

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052120\
 Data File : VX016397.D
 Acq On : 21 May 2020 20:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/22/2020 4:03:05 PM

Quant Time: May 22 09:51:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	236927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	384099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	139708	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	5.47	113	115375	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.70	98	449008	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.12	95	177593	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	113544	45.276	ug/l	98
3) Chloromethane	1.31	50	121008	41.549	ug/l	98
4) Vinyl Chloride	1.39	62	139845	45.006	ug/l	100
5) Bromomethane	1.62	94	53459	34.126	ug/l	100
6) Chloroethane	1.70	64	85107	45.016	ug/l	99
7) Trichlorofluoromethane	1.91	101	187100	45.865	ug/l	98
8) Diethyl Ether	2.17	74	77034	44.819	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	104711	44.491	ug/l	98
10) Methyl Iodide	2.49	142	93282	29.507	ug/l	99
11) Tert butyl alcohol	3.02	59	170134	215.799	ug/l	99
12) 1,1-Dichloroethene	2.36	96	110507	44.869	ug/l	94
13) Acrolein	2.27	56	98161	198.969	ug/l	100
14) Allyl chloride	2.70	41	183101	40.547	ug/l	93
15) Acrylonitrile	3.12	53	367236	224.538	ug/l	99
16) Acetone	2.42	43	281075	202.053	ug/l	92
17) Carbon Disulfide	2.55	76	310957	42.010	ug/l	100
18) Methyl Acetate	2.75	43	150903	44.119	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	407112	47.950	ug/l	97
20) Methylene Chloride	2.83	84	129562	45.179	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	125890	45.869	ug/l	96
22) Diisopropyl ether	3.82	45	377262	44.283	ug/l	95
23) Vinyl Acetate	3.79	43	1652573	220.484	ug/l	97
24) 1,1-Dichloroethane	3.67	63	220692	46.308	ug/l	98
25) 2-Butanone	4.64	43	490388	218.765	ug/l	96
26) 2,2-Dichloropropane	4.55	77	175814	40.396	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	145327	48.435	ug/l	93
28) Bromochloromethane	4.99	49	89738	41.295	ug/l	92
29) Tetrahydrofuran	5.09	42	324526	218.492	ug/l	93
30) Chloroform	5.18	83	224732	47.361	ug/l	98
31) Cyclohexane	5.55	56	188128	43.436	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	202147	46.867	ug/l	97
36) 1,1-Dichloropropene	5.77	75	171054	45.241	ug/l	99
37) Ethyl Acetate	4.79	43	188053	42.913	ug/l	97
38) Carbon Tetrachloride	5.76	117	181940	47.343	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	182757	40.138	ug/l	98
40) Benzene	6.12	78	527181	47.654	ug/l	99
41) Methacrylonitrile	5.01	41	100919	42.643	ug/l	94
42) 1,2-Dichloroethane	6.17	62	176729	44.347	ug/l	98
43) Isopropyl Acetate	6.42	43	299729	42.868	ug/l	96
44) Trichloroethene	7.19	130	159554	40.597	ug/l	100
45) 1,2-Dichloropropane	7.49	63	133181	47.577	ug/l	100
46) Dibromomethane	7.64	93	88014	46.267	ug/l	97
47) Bromodichloromethane	7.88	83	186039	48.019	ug/l	97
48) Methyl methacrylate	7.74	41	141030	42.567	ug/l	90
49) 1,4-Dioxane	7.71	88	68703	864.630	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	946105	221.122	ug/l	95
52) Toluene	8.77	92	337241	48.907	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	211316	45.746	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	223658	46.354	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	135207	49.837	ug/l	97
56) Ethyl methacrylate	9.16	69	218099	49.250	ug/l	89
57) 1,3-Dichloropropane	9.35	76	226407	47.827	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	518359	219.868	ug/l	98
59) 2-Hexanone	9.48	43	746008	222.018	ug/l	94
60) Dibromochloromethane	9.57	129	148930	49.843	ug/l	98
61) 1,2-Dibromoethane	9.65	107	143868	48.957	ug/l	99
64) Tetrachloroethene	9.32	164	183164	40.729	ug/l	99
65) Chlorobenzene	10.12	112	358539	46.743	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	135746	47.881	ug/l	100
67) Ethyl Benzene	10.24	91	639974	46.761	ug/l	100
68) m/p-Xylenes	10.34	106	486046	94.789	ug/l	100
69) o-Xylene	10.68	106	237545	48.194	ug/l	98
70) Styrene	10.70	104	412454	49.325	ug/l	99
71) Bromoform	10.84	173	116893	50.607	ug/l	100
73) Isopropylbenzene	11.00	105	618364	45.445	ug/l	100
74) N-amyl acetate	10.88	43	259625	40.906	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	164061	59.877	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	189019m	44.525	ug/l	
77) Bromobenzene	11.24	156	159978	45.549	ug/l	98
78) n-propylbenzene	11.34	91	695153	43.915	ug/l	99
79) 2-Chlorotoluene	11.40	91	426312	45.625	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	522996	45.522	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	77601	43.562	ug/l	94
82) 4-Chlorotoluene	11.49	91	497748	45.111	ug/l	99
83) tert-Butylbenzene	11.76	119	444881	44.933	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	530650	45.686	ug/l	100
85) sec-Butylbenzene	11.93	105	544381	40.722	ug/l	99
86) p-Isopropyltoluene	12.05	119	516989	41.654	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	279646	44.344	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	280917	43.889	ug/l	98
89) n-Butylbenzene	12.37	91	424670	37.453	ug/l	100
90) Hexachloroethane	12.58	117	89011	41.758	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	271213	44.664	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48849	43.660	ug/l	94

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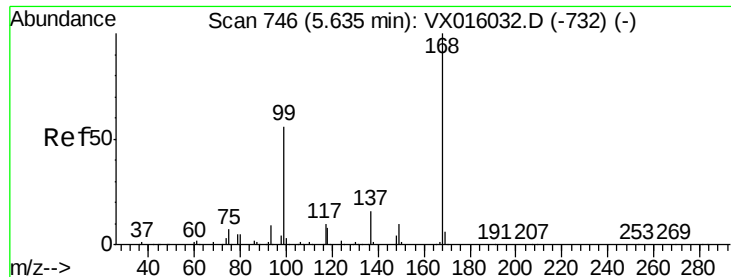
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	172860	38.450	ug/l	98
94) Hexachlorobutadiene	13.77	225	60796	31.600	ug/l	99
95) Naphthalene	13.82	128	638576	43.867	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	171903	39.125	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 236927

Ion Ratio Lower Upper

168 100

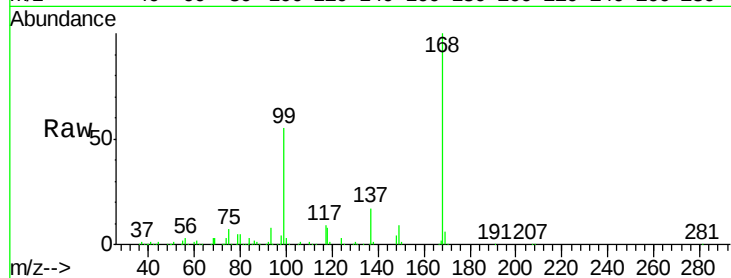
99 54.5 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

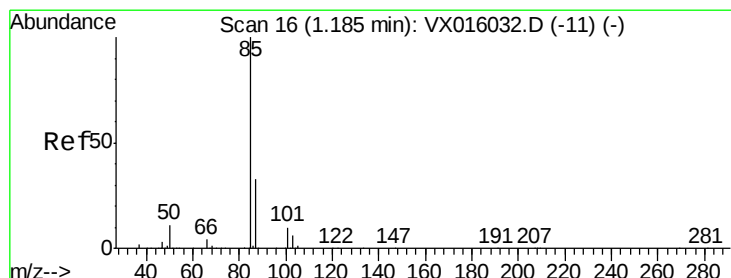
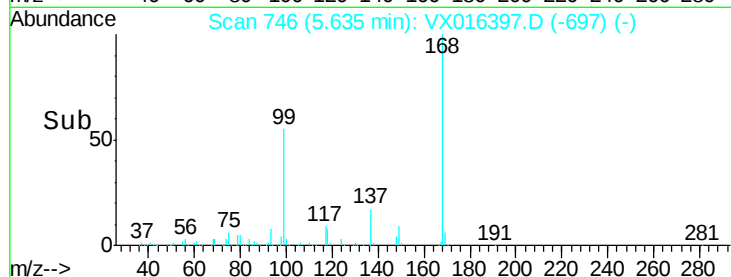
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.276 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016397.D

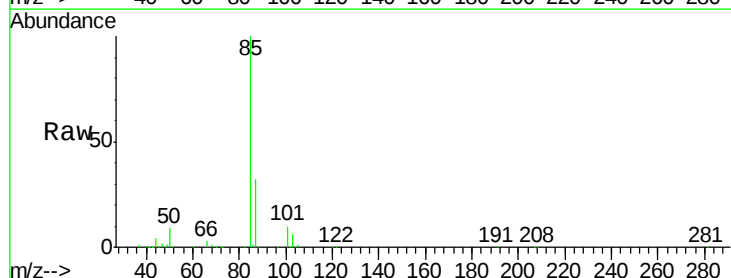
Acq: 21 May 2020 20:20

Tgt Ion: 85 Resp: 113544

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

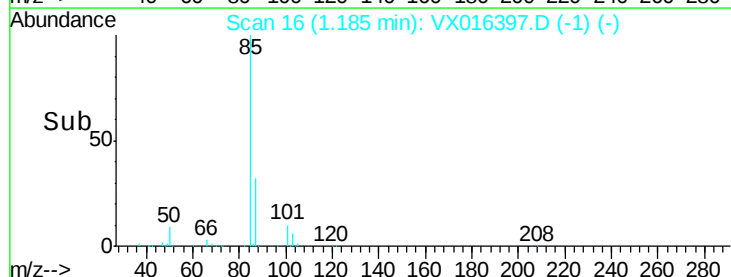
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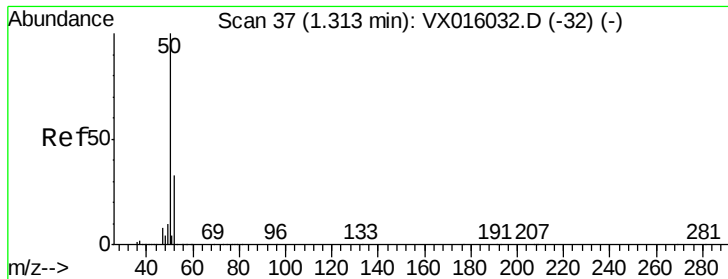
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.549 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 121008

Ion Ratio Lower Upper

50 100

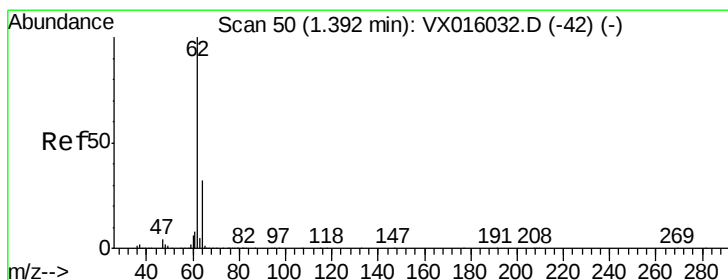
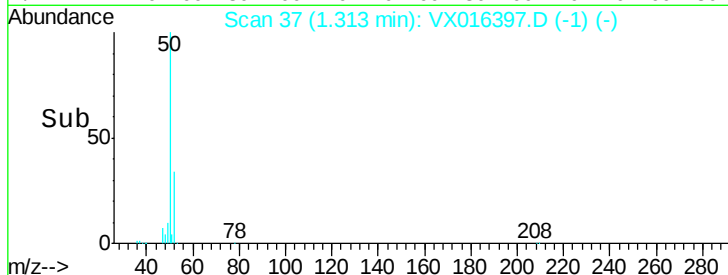
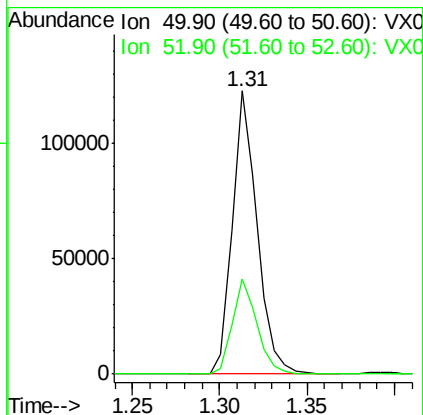
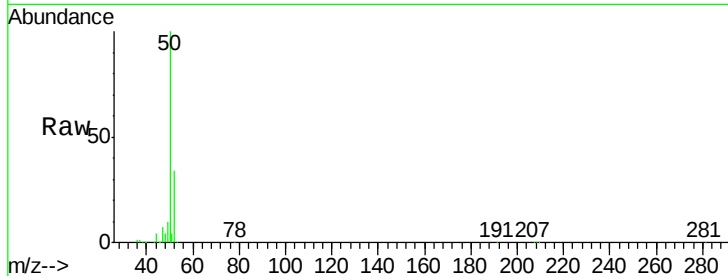
52 33.6 26.1 39.1

Manual Integrations

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5/22/2020 4:03:05 PM



#4

Vinyl Chloride

Concen: 45.006 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016397.D

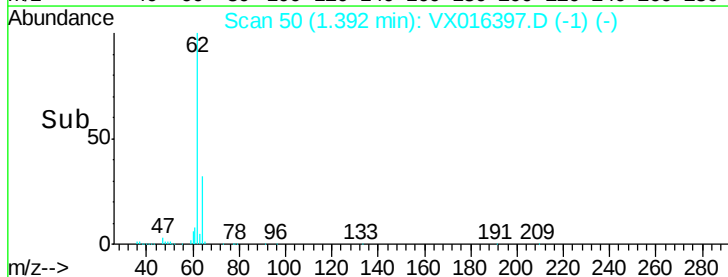
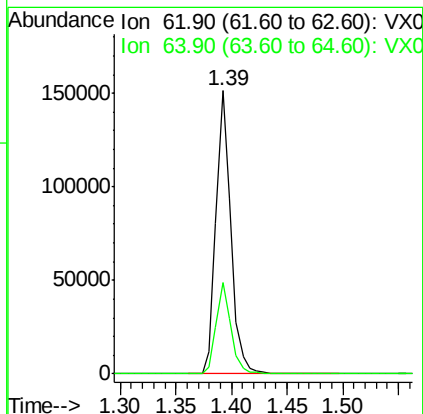
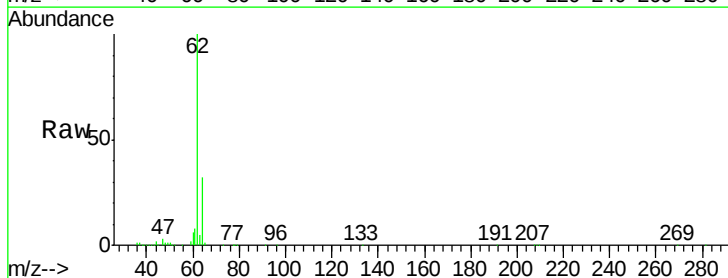
Acq: 21 May 2020 20:20

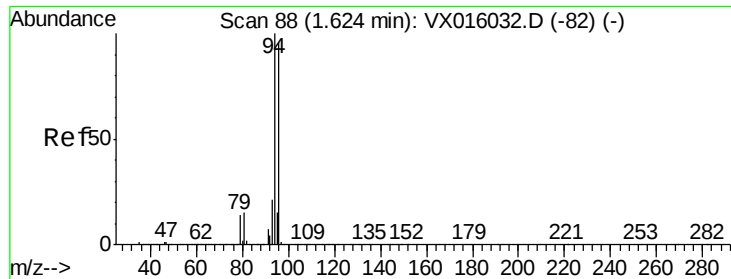
Tgt Ion: 62 Resp: 139845

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 34.126 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 53459

Ion Ratio Lower Upper

94 100

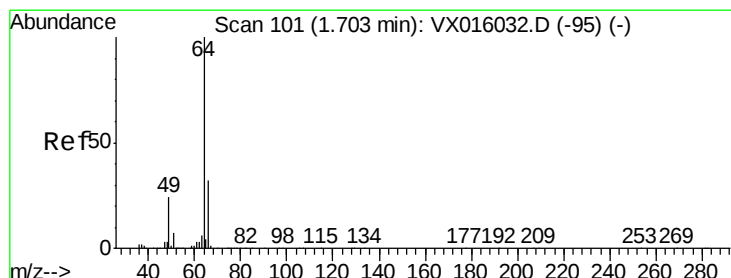
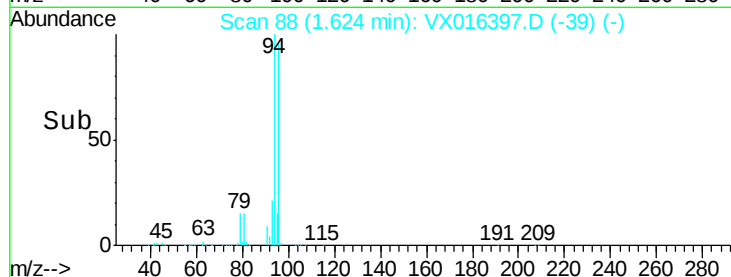
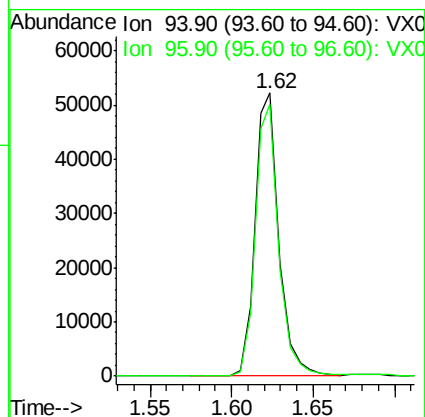
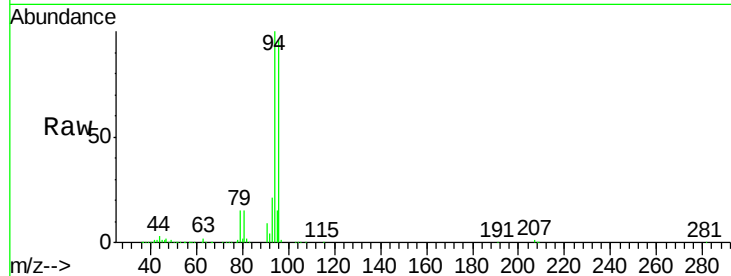
96 96.0 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 45.016 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016397.D

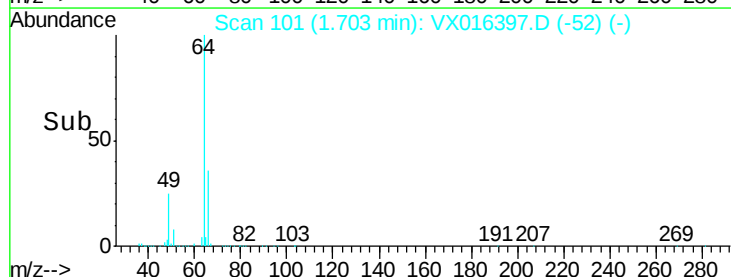
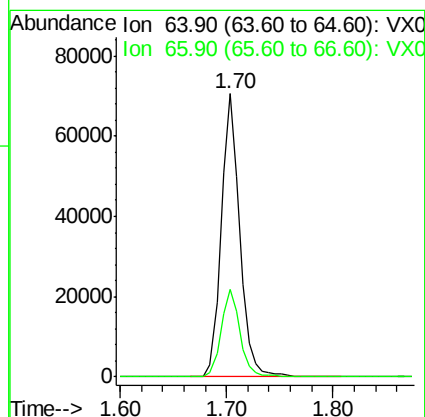
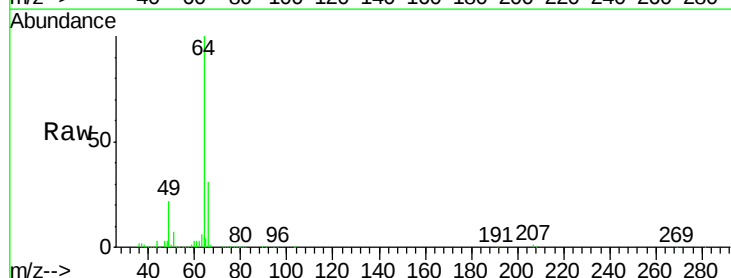
Acq: 21 May 2020 20:20

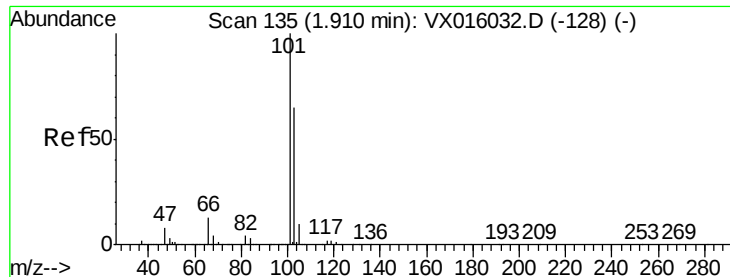
Tgt Ion: 64 Resp: 85107

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8





#7

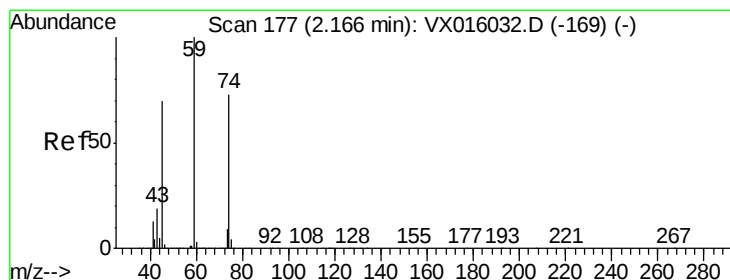
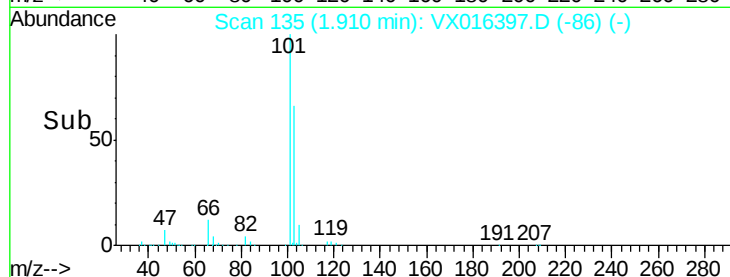
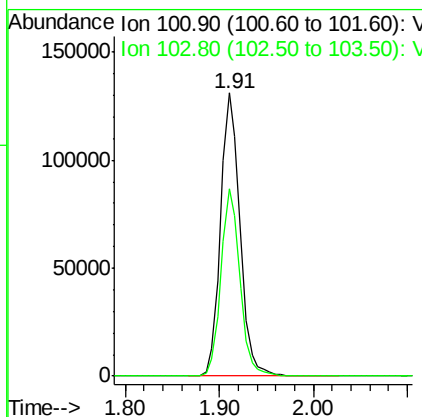
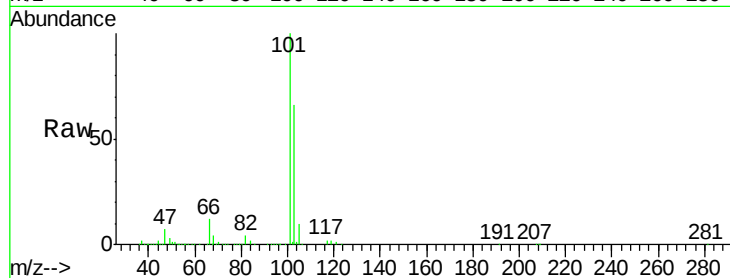
Trichlorofluoromethane
Concen: 45.865 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.8	77.6

Manual Integrations
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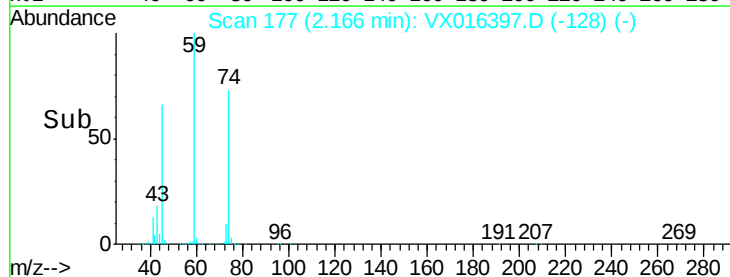
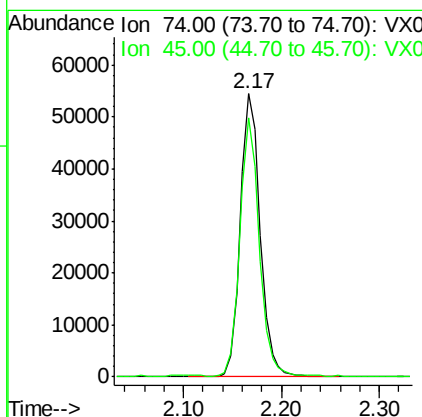
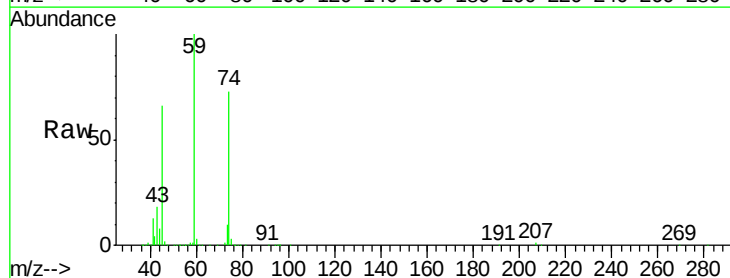
MMDadoda
5/22/2020 4:03:05 PM

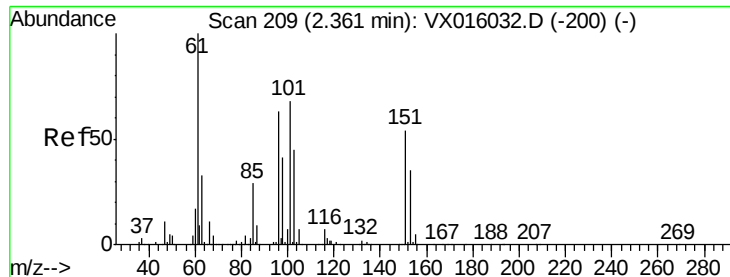


#8

Diethyl Ether
Concen: 44.819 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.9	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.491 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

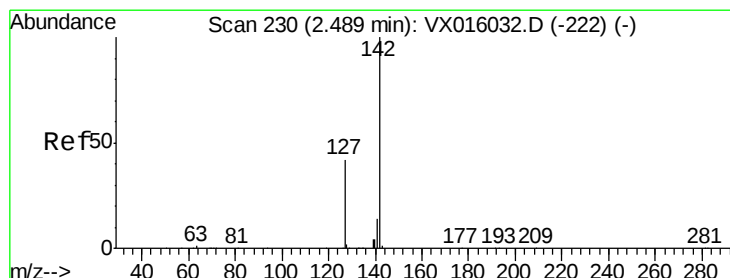
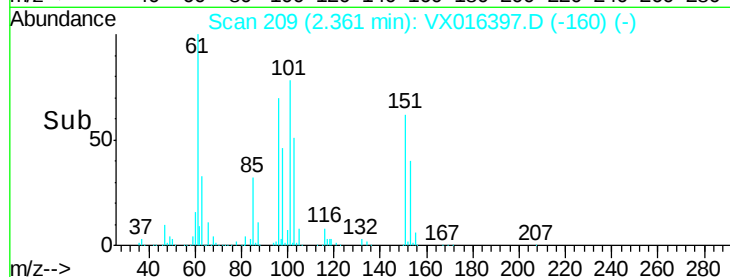
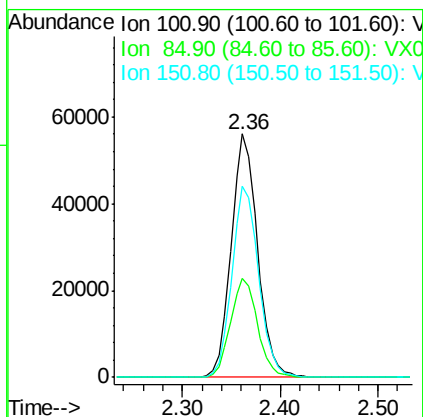
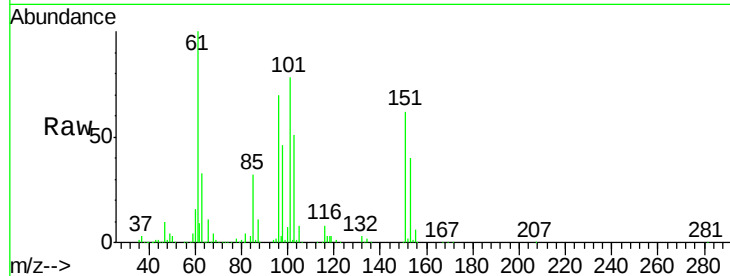
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	104711
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.2	51.4
151	80.0	62.1	93.1

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#10

Methyl Iodide

Concen: 29.507 ug/l

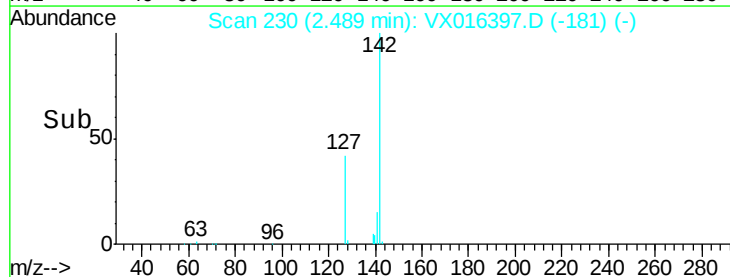
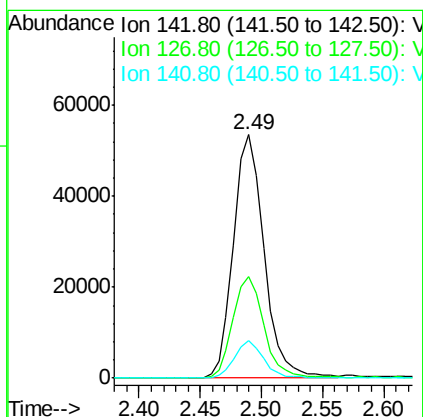
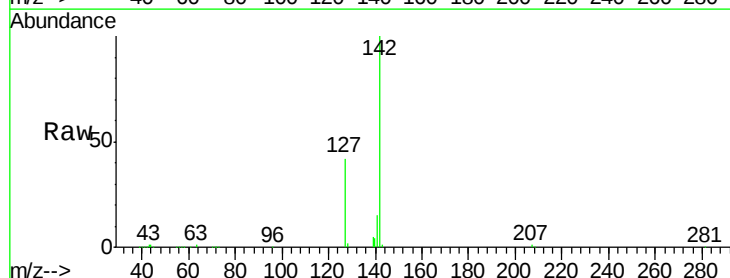
RT: 2.49 min Scan# 230

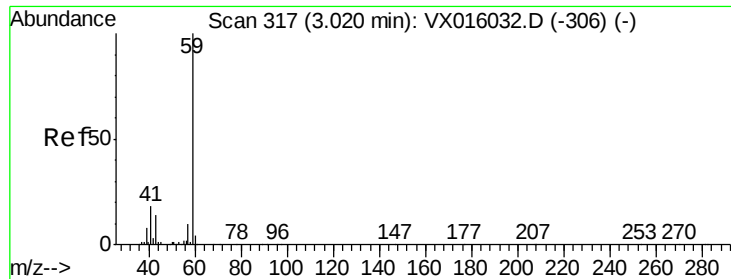
Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion:	142	Resp:	93282
Ion Ratio	Lower	Upper	
142	100		
127	42.5	34.6	52.0
141	14.6	11.3	16.9





#11

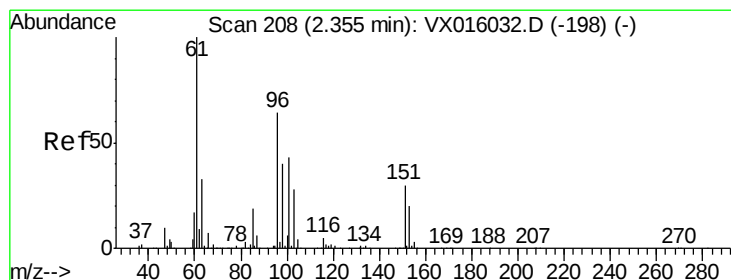
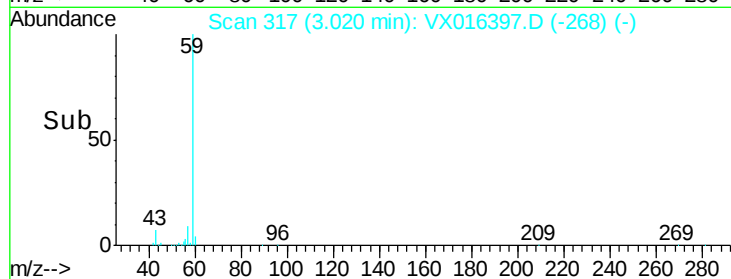
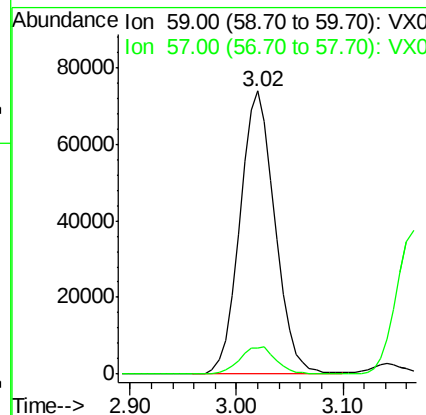
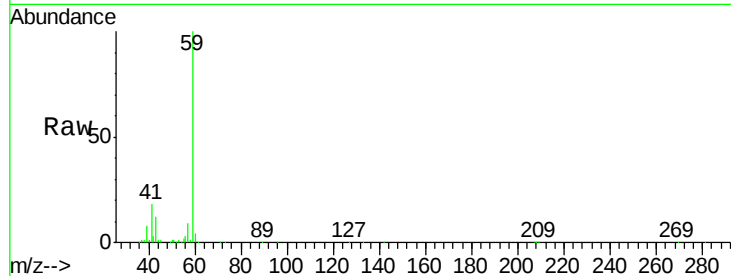
Tert butyl alcohol
 Concen: 215.799 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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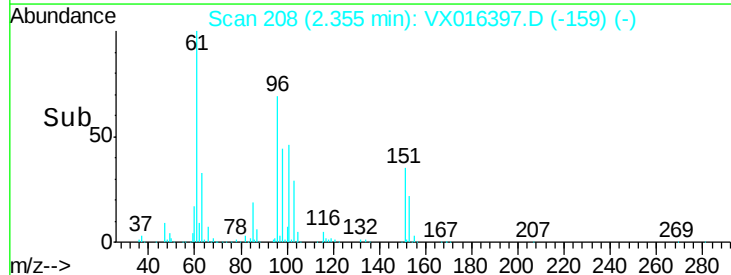
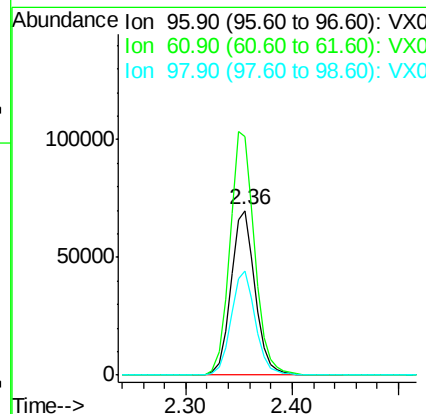
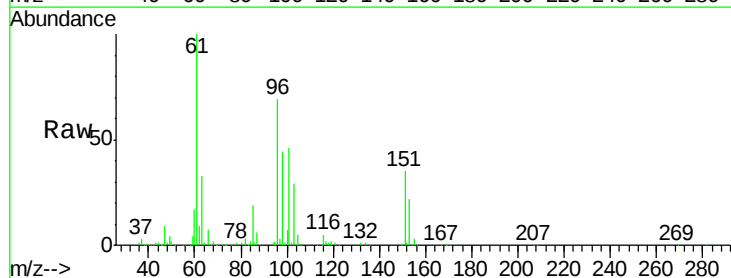
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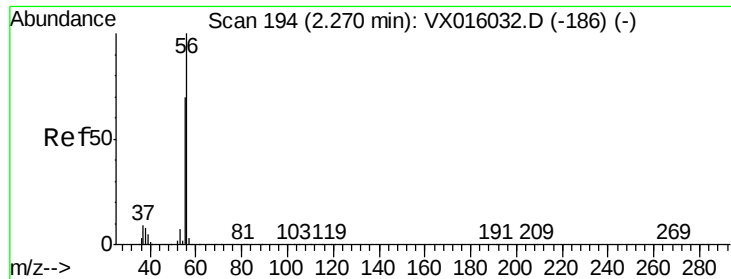


#12

1,1-Dichloroethene
 Concen: 44.869 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.5	124.8	187.2
98	63.8	49.7	74.5





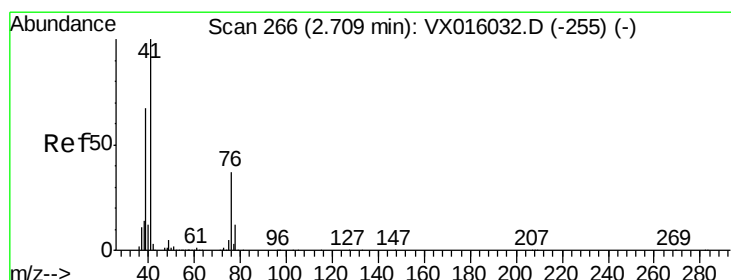
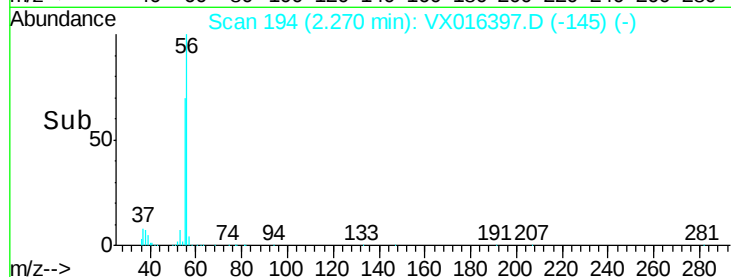
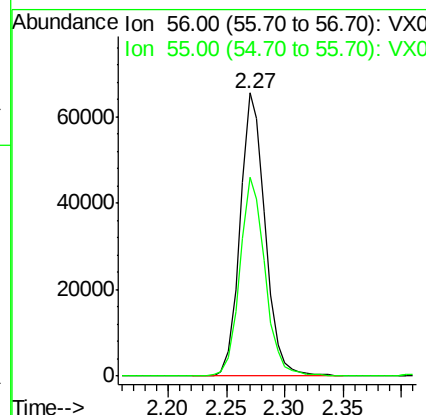
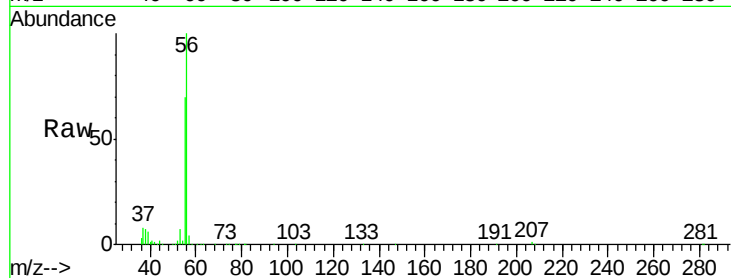
#13
Acrolein
Concen: 198.969 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	98161
Ion Ratio	100	Lower	Upper
55	70.4	56.5	84.7

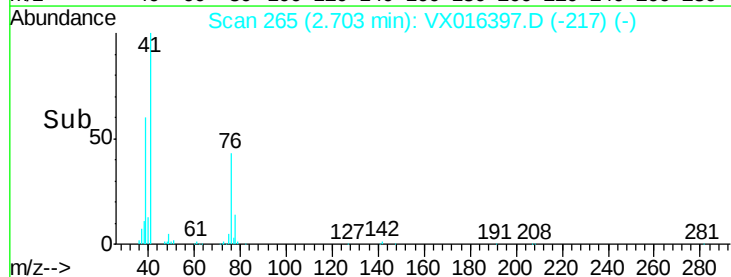
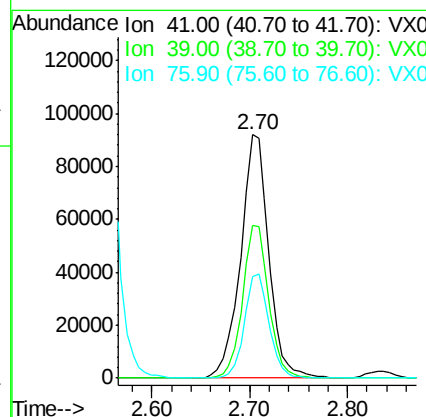
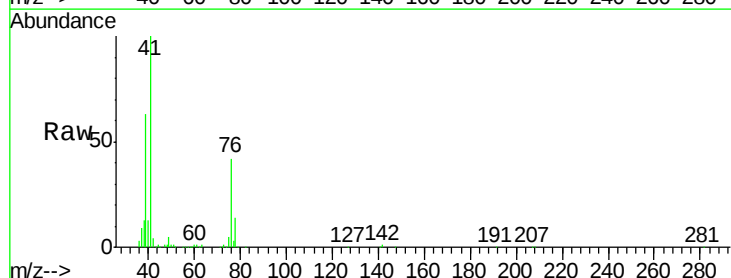
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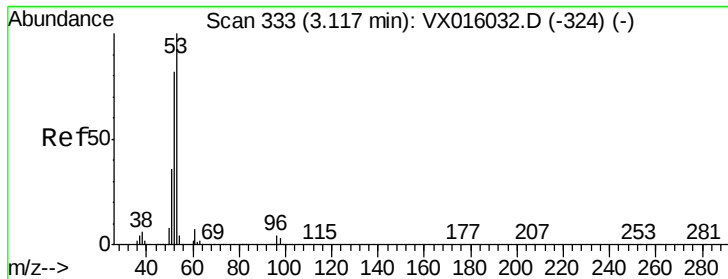
MMDadoda
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#14
Allyl chloride
Concen: 40.547 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	41	Resp	183101
Ion Ratio	100	Lower	Upper
39	58.2	50.5	75.7
76	37.6	26.6	40.0





#15

Acrylonitrile

Concen: 224.538 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

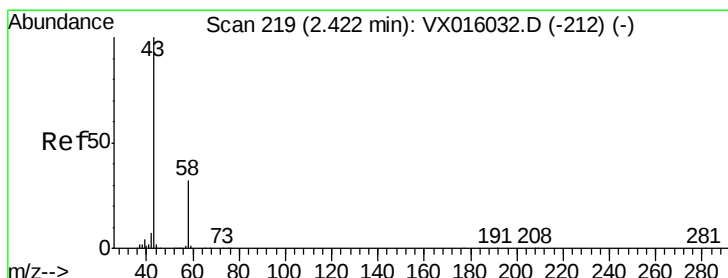
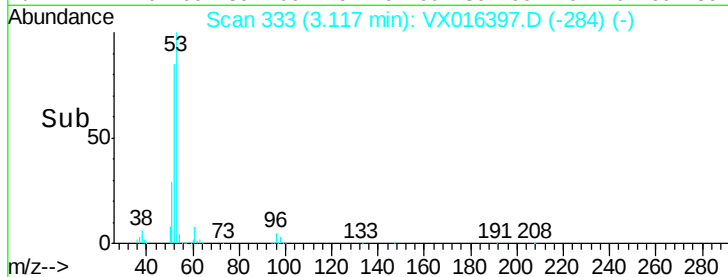
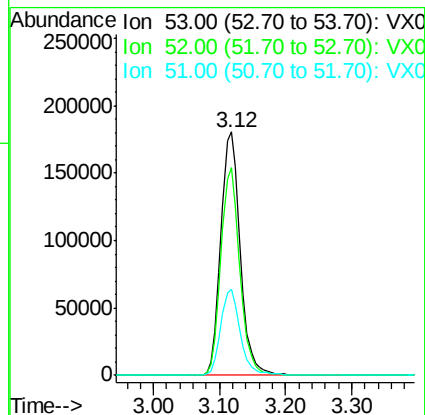
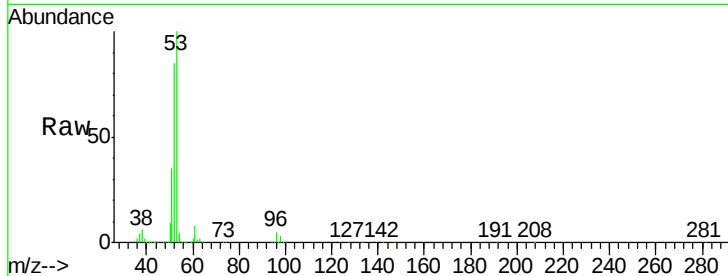
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	367236
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.1	99.1
51	35.5	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 202.053 ug/l

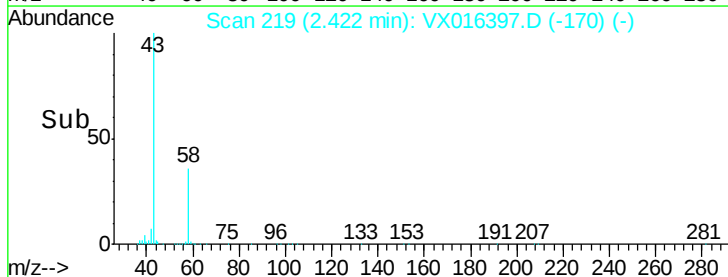
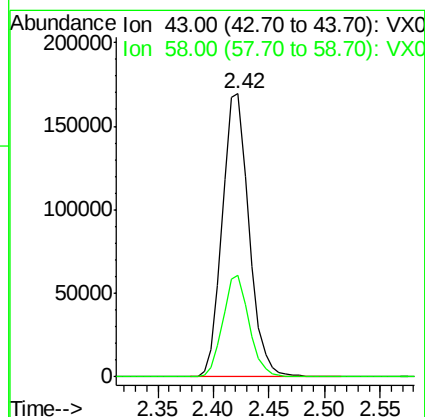
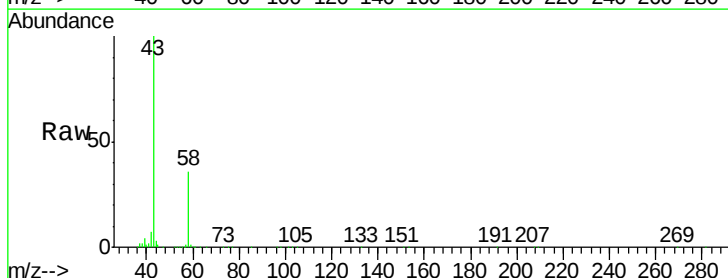
RT: 2.42 min Scan# 219

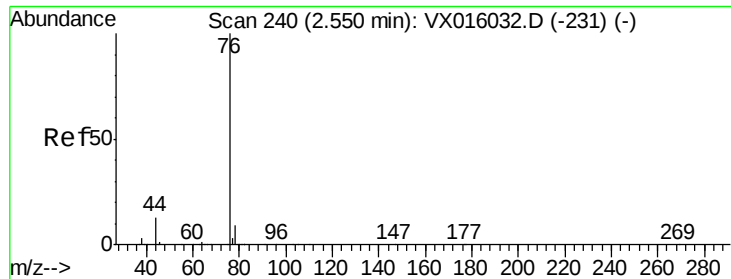
Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion:	43	Resp:	281075
Ion Ratio	Lower	Upper	
43	100		
58	35.9	25.4	38.0





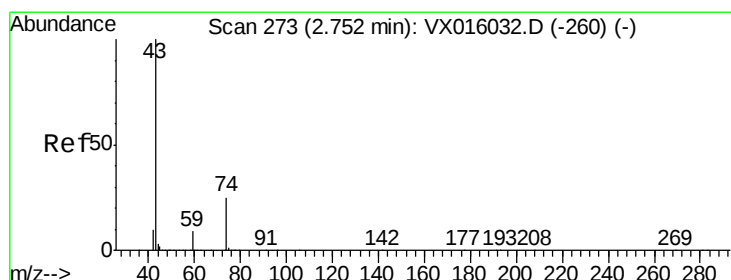
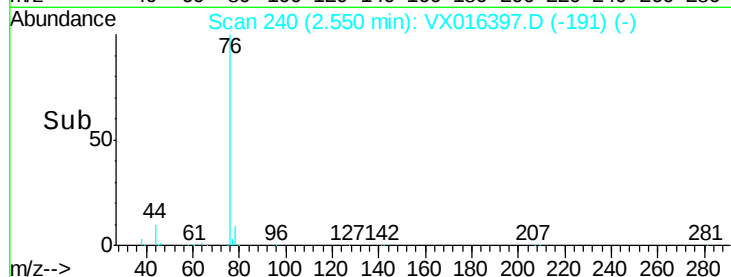
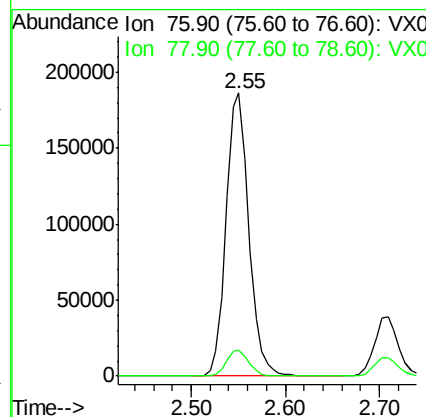
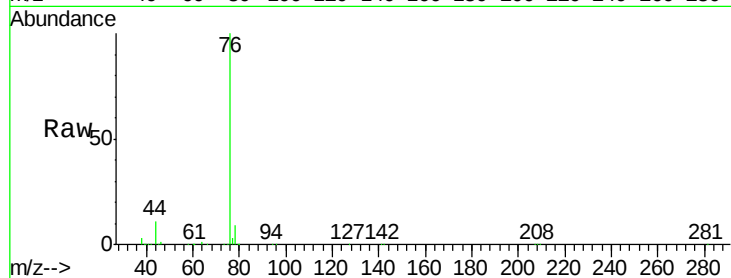
#17
Carbon Disulfide
Concen: 42.010 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

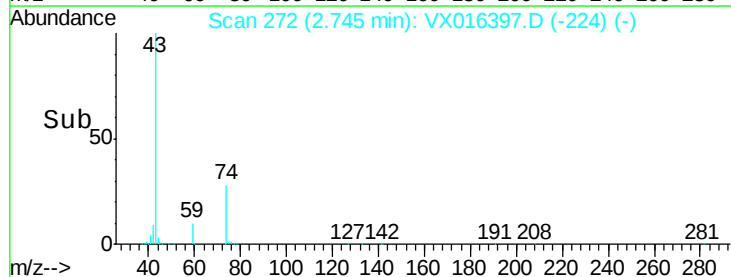
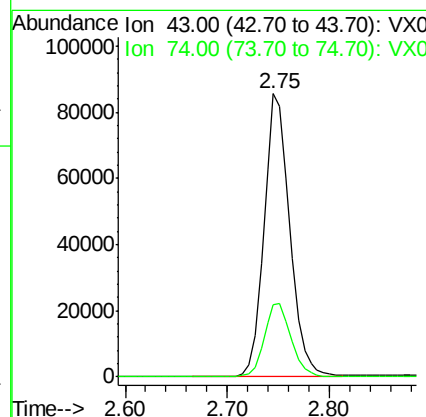
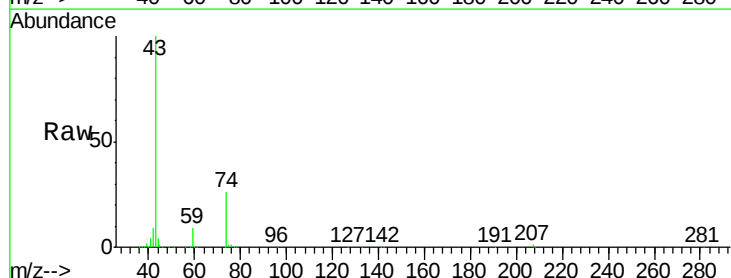
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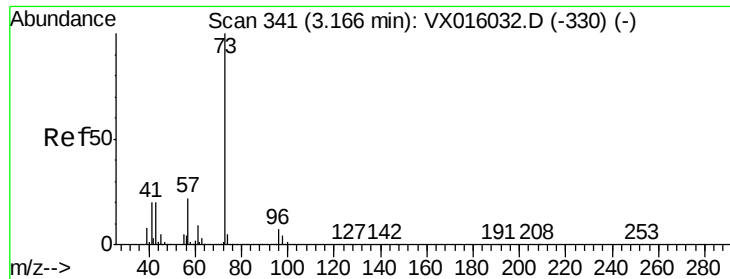
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#18
Methyl Acetate
Concen: 44.119 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	20.2	30.2





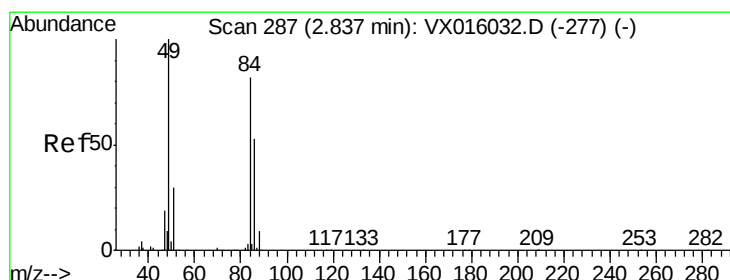
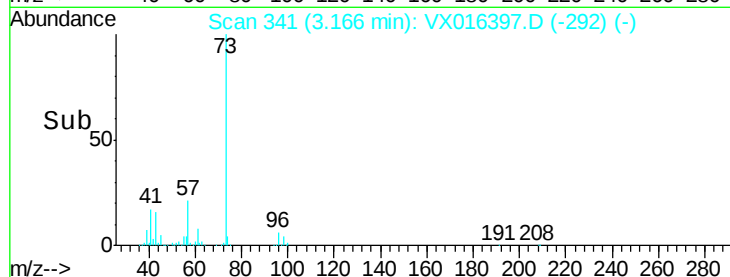
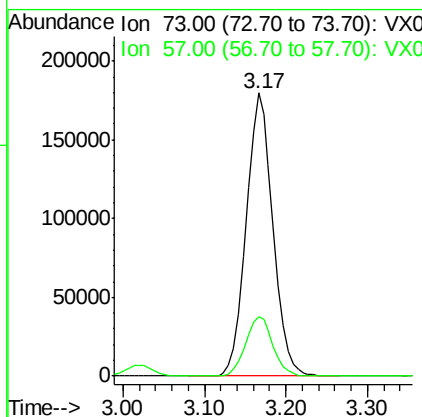
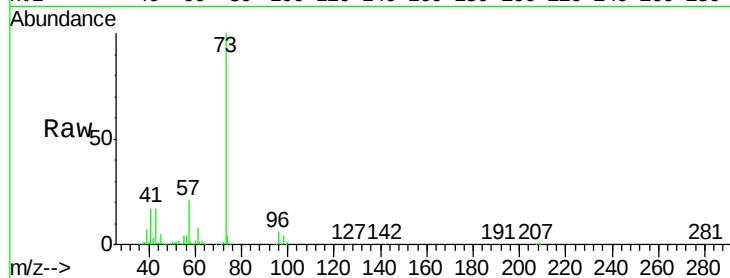
#19
Methvl tert-butvl Ether
Concen: 47.950 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.8	26.6

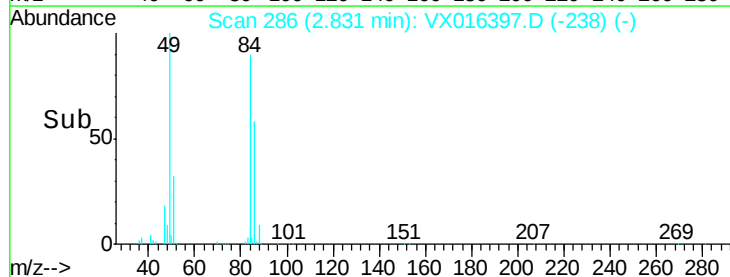
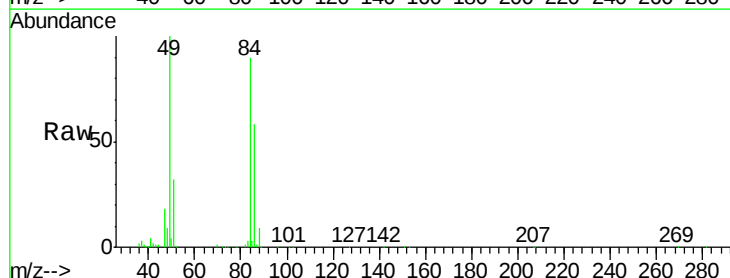
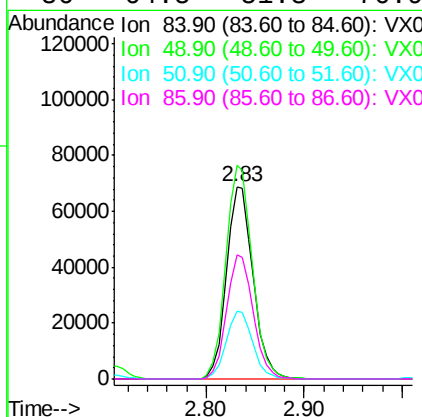
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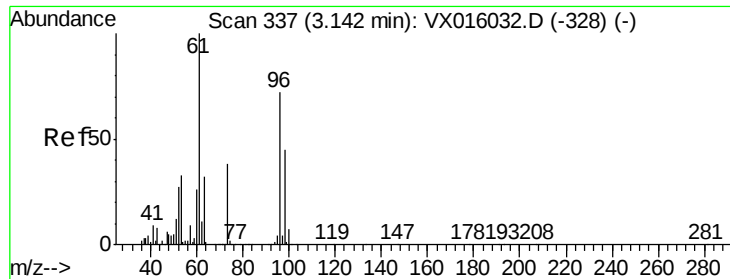
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#20
Methylene Chloride
Concen: 45.179 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.2	97.3	145.9
51	35.1	29.3	43.9
86	64.5	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 45.869 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

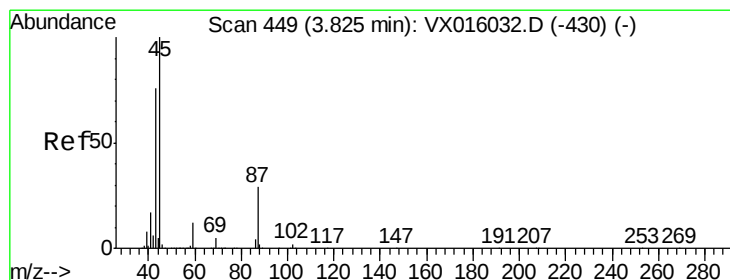
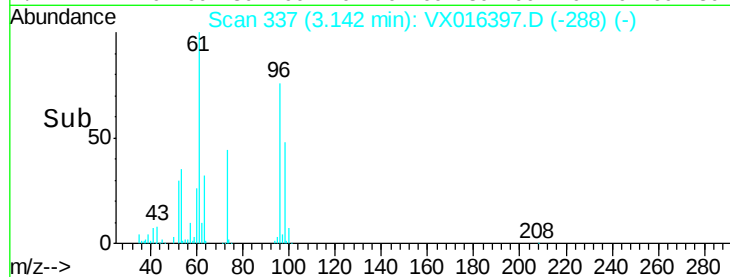
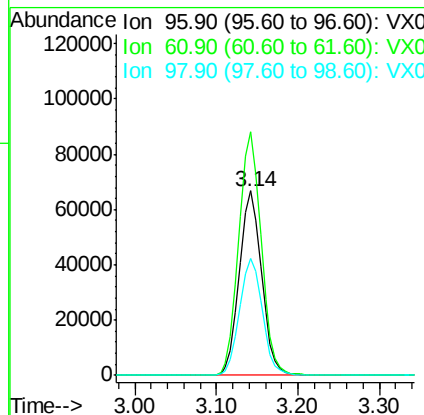
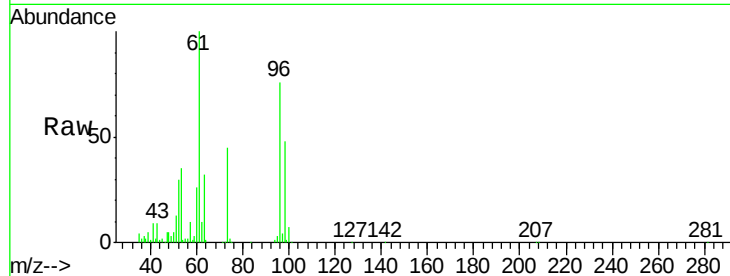
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	125890
Ion	Ratio	Lower	Upper
96	100		
61	132.0	111.2	166.8
98	63.5	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 44.283 ug/l

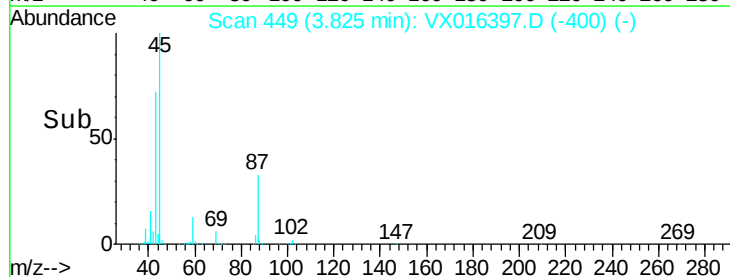
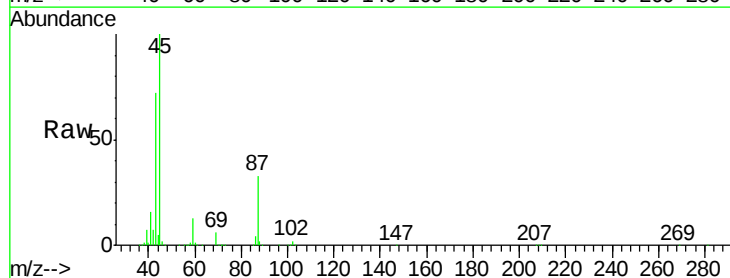
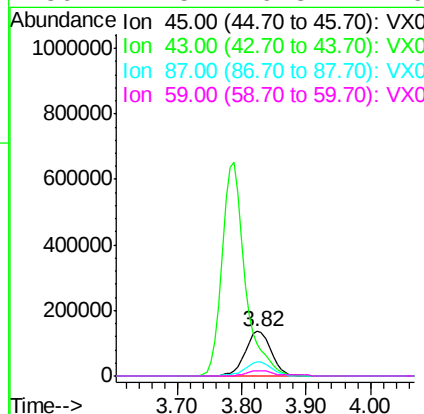
RT: 3.82 min Scan# 449

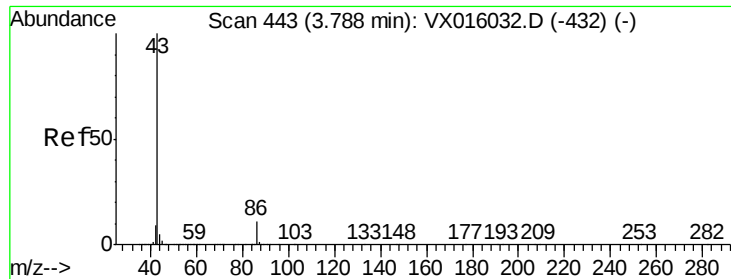
Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion:	45	Resp:	377262
Ion	Ratio	Lower	Upper
45	100		
43	72.2	61.1	91.7
87	33.0	23.0	34.6
59	12.5	9.8	14.6





#23

Vinyl Acetate

Concen: 220.484 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1652573

Ion Ratio Lower Upper

43 100

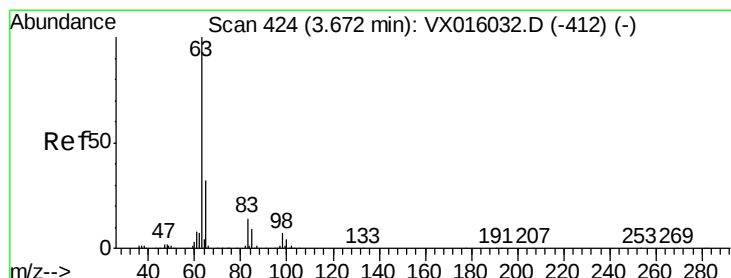
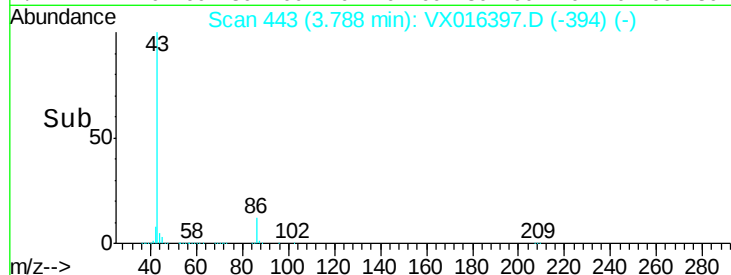
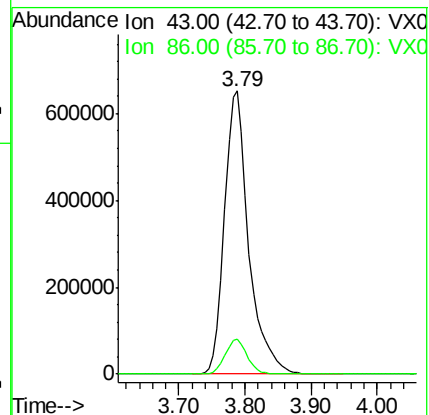
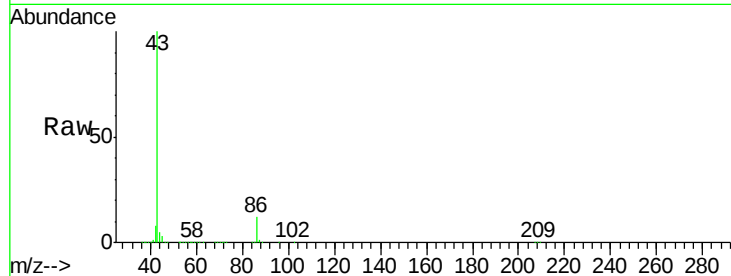
86 12.5 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.308 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

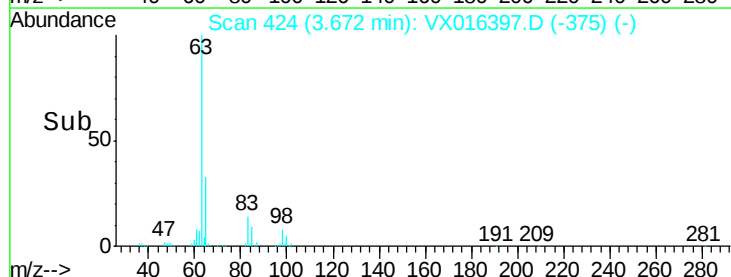
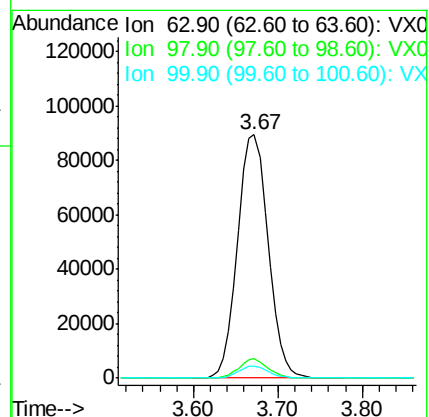
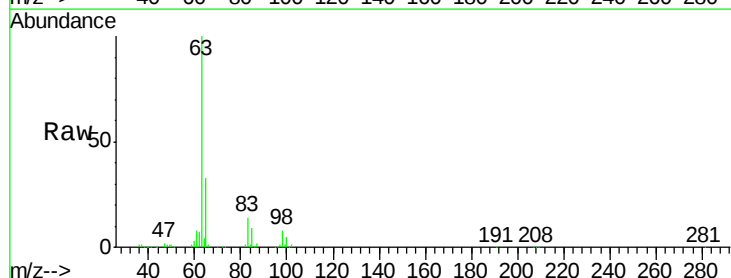
Tgt Ion: 63 Resp: 220692

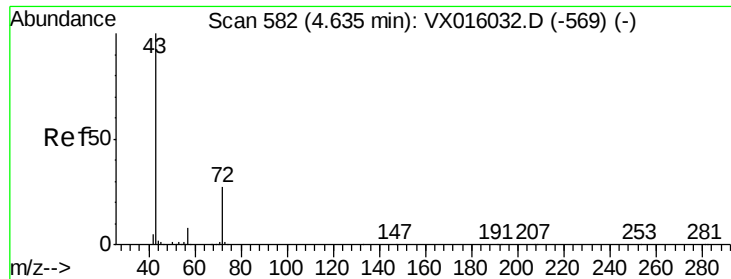
Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.5

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 218.765 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 490388

Ion Ratio Lower Upper

43 100

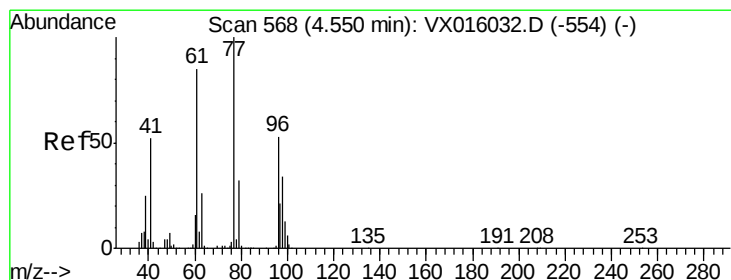
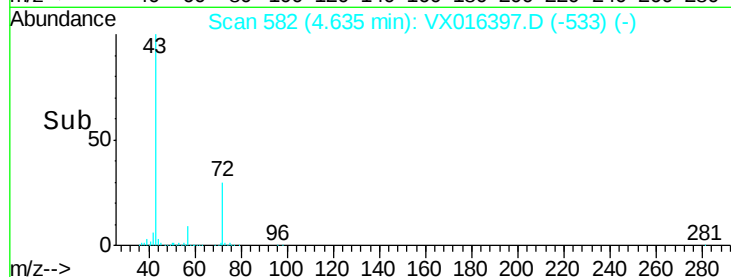
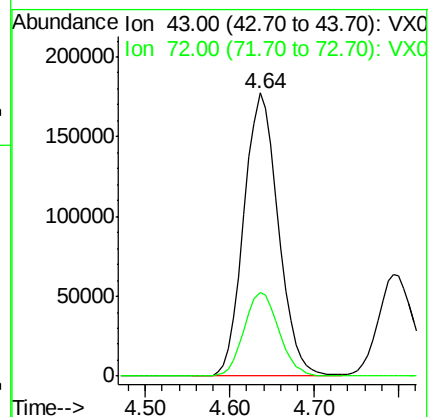
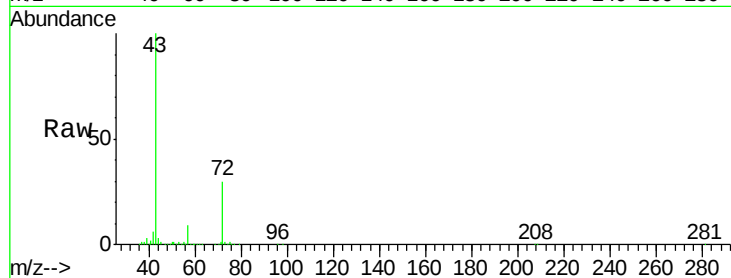
72 29.5 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.396 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016397.D

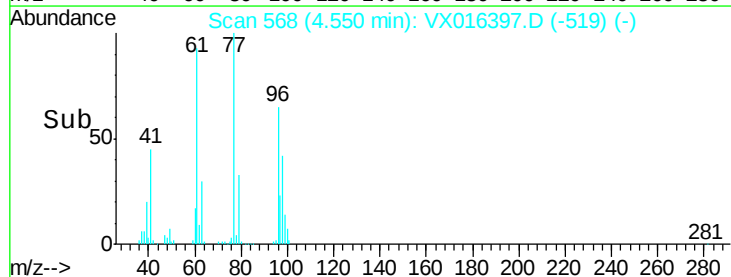
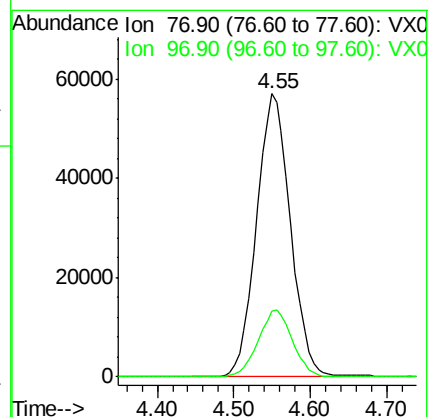
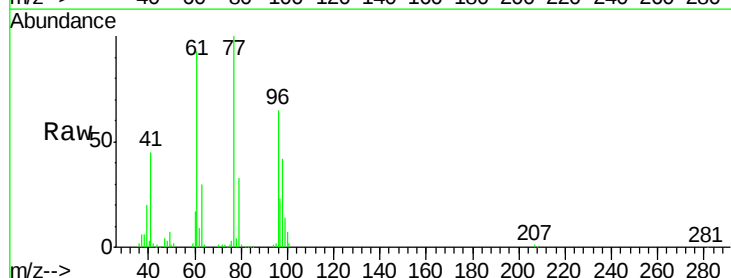
Acq: 21 May 2020 20:20

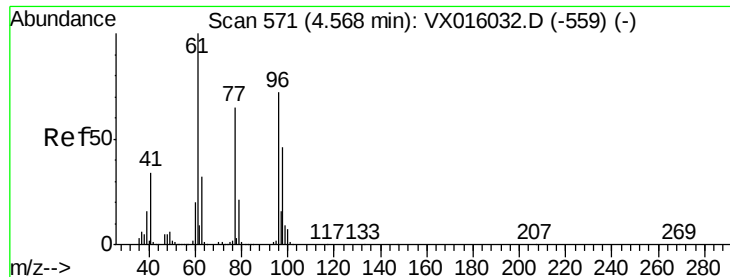
Tgt Ion: 77 Resp: 175814

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.6





#27

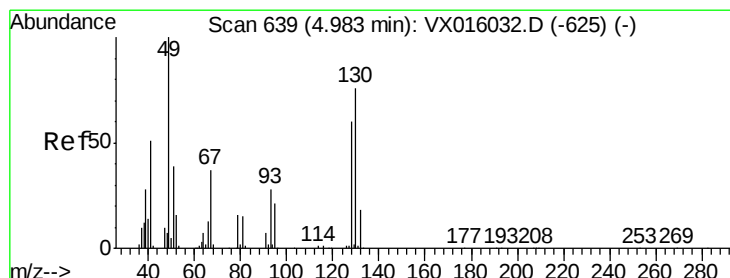
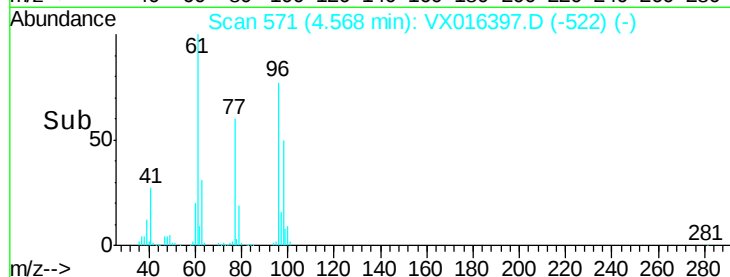
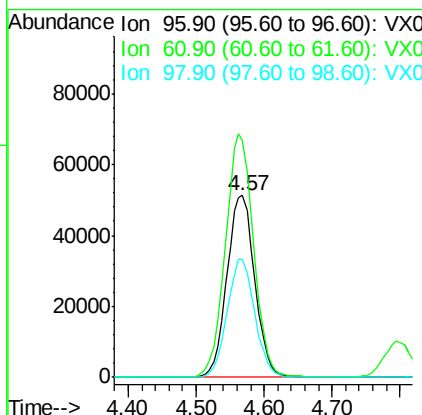
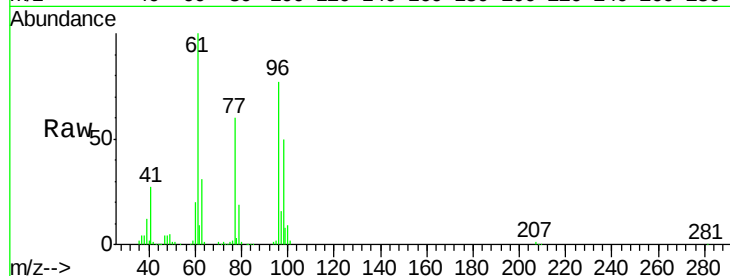
cis-1,2-Dichloroethene
Concen: 48.435 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	145327		
61	135.4	0.0	296.2	
98	64.3	0.0	129.4	

Manual Integrations
APPROVED

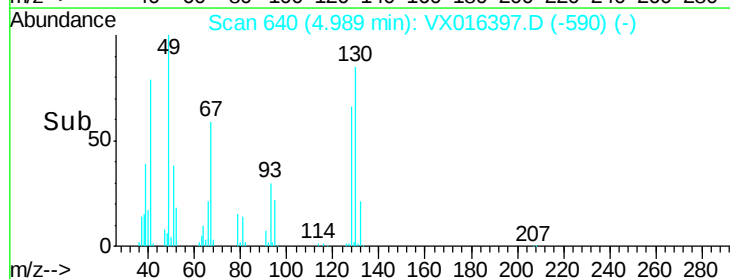
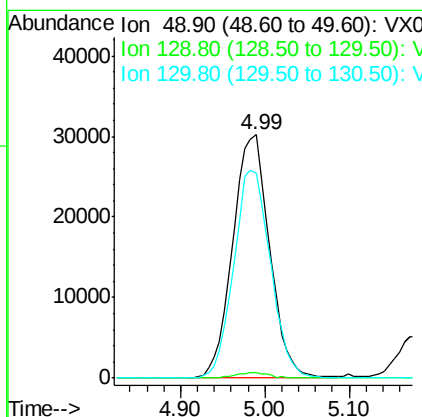
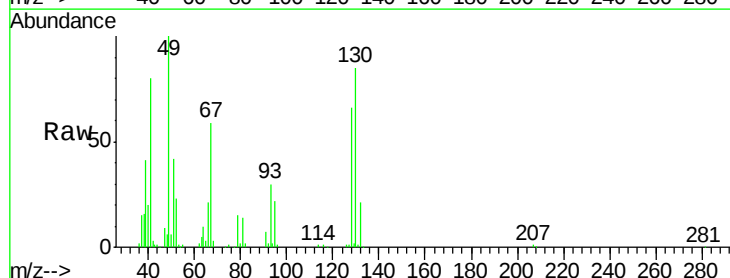
MMDadoda
5/22/2020 4:03:05 PM

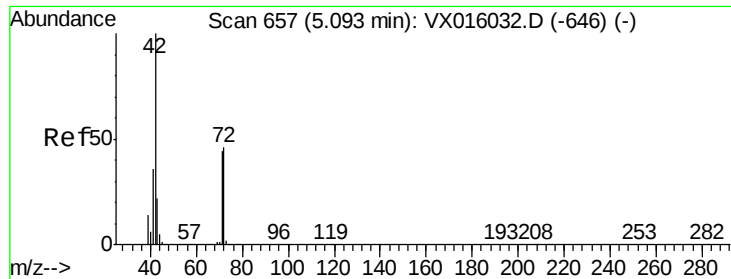


#28

Bromochloromethane
Concen: 41.295 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	89738		
129	2.1	0.0	4.0	
130	85.1	62.4	93.6	





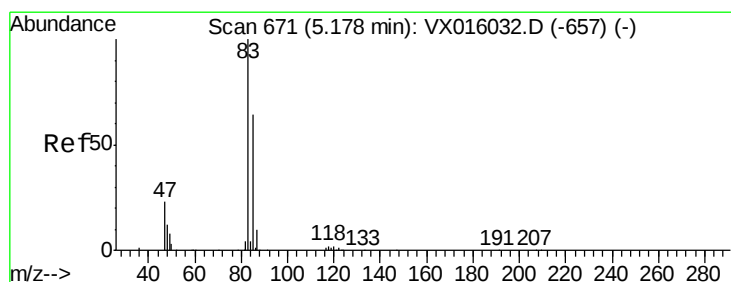
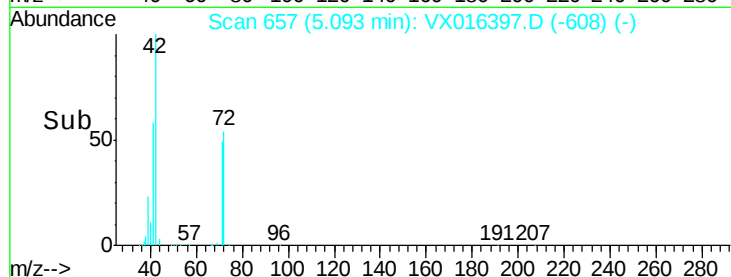
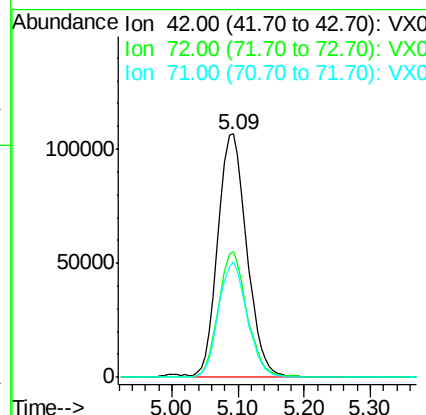
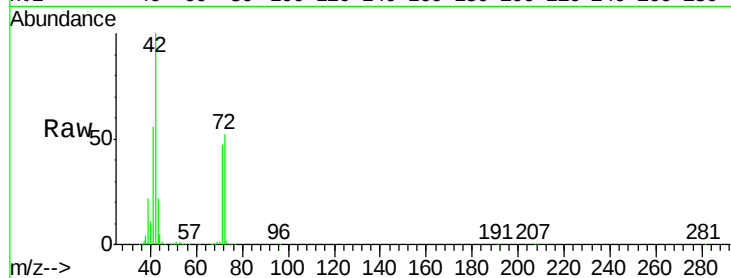
#29
Tetrahydrofuran
Concen: 218.492 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.1	37.1	55.7
71	46.9	34.5	51.7

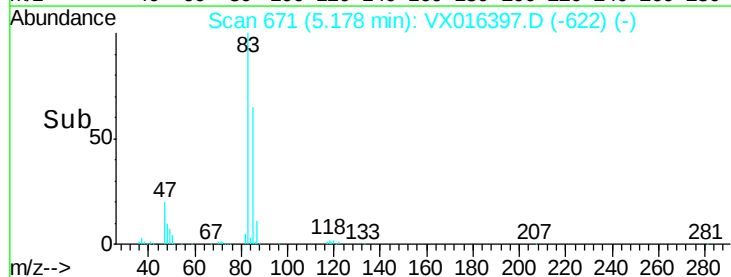
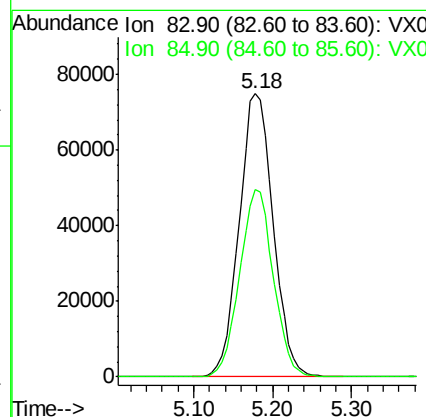
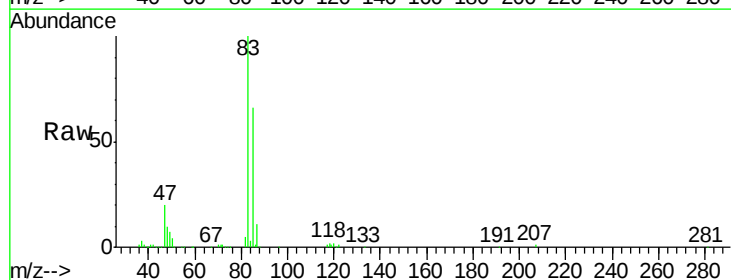
Manual Integrations
APPROVED

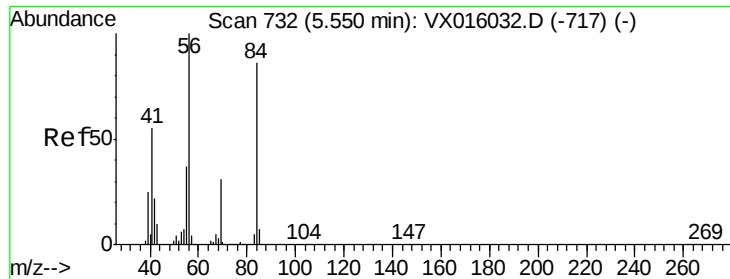
MMDadoda
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#30
Chloroform
Concen: 47.361 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.6	77.4





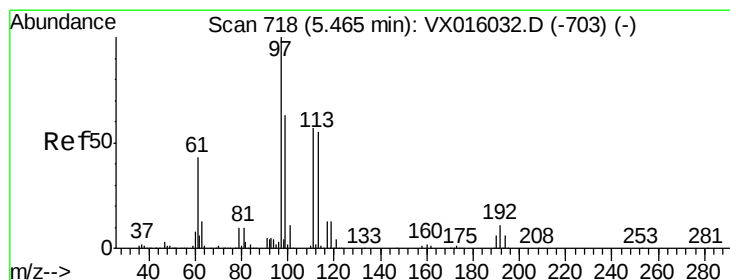
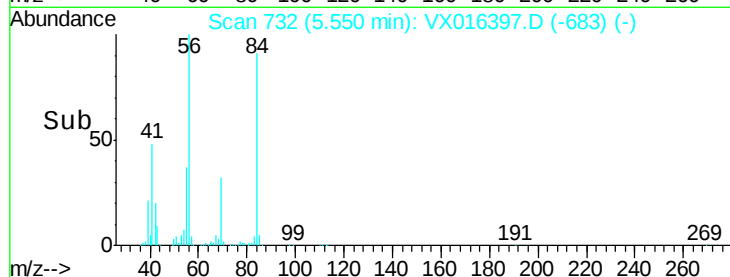
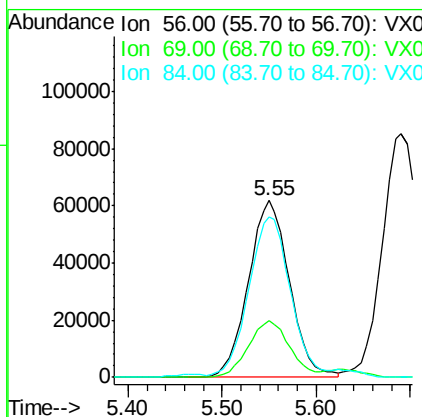
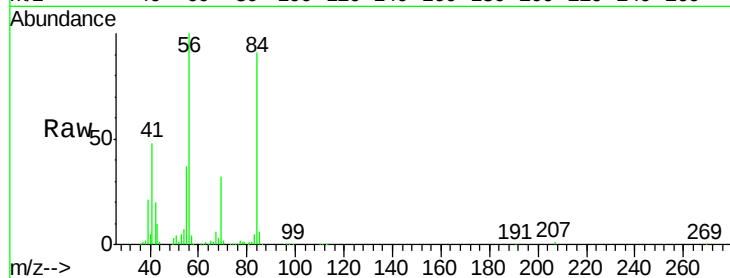
#31
Cyclohexane
Concen: 43.436 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.9	25.0	37.6	
84	89.1	69.0	103.6	

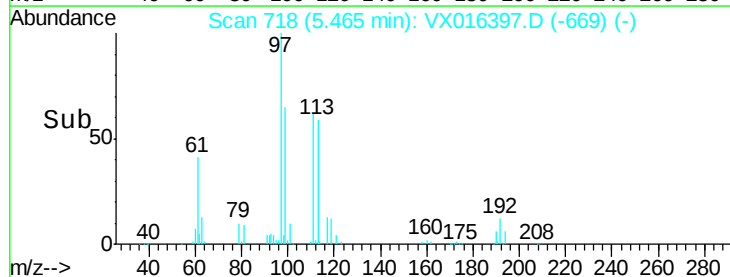
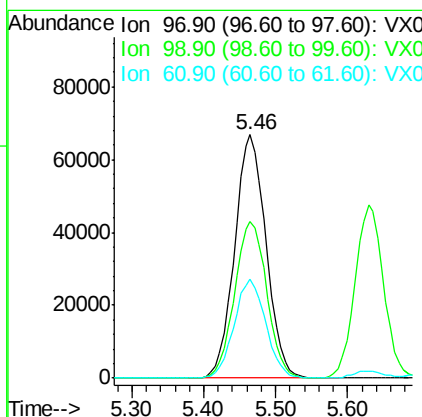
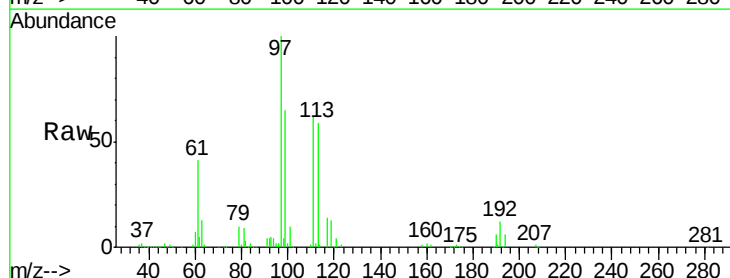
Manual Integrations
APPROVED

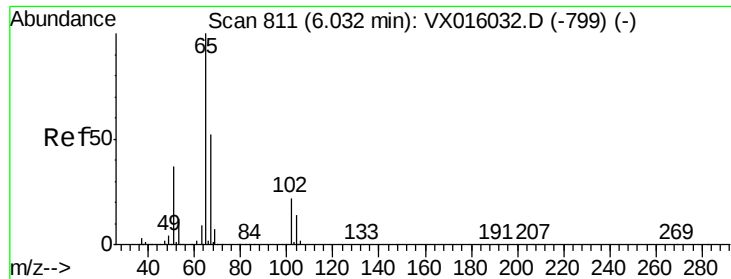
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 46.867 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.9	51.0	76.4	
61	40.9	34.5	51.7	





#33

1,2-Dichloroethane-d4

Concen: 44.811 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 139708

Ion Ratio Lower Upper

65 100

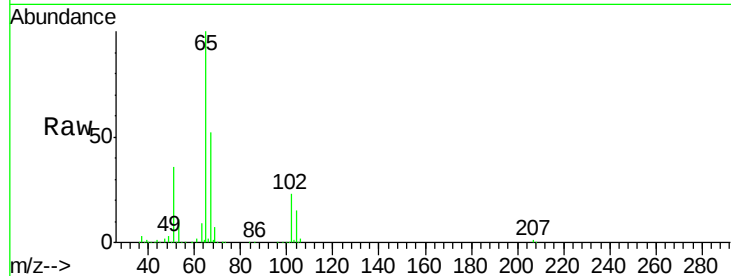
67 53.4 0.0 104.8

Manual Integrations

APPROVED

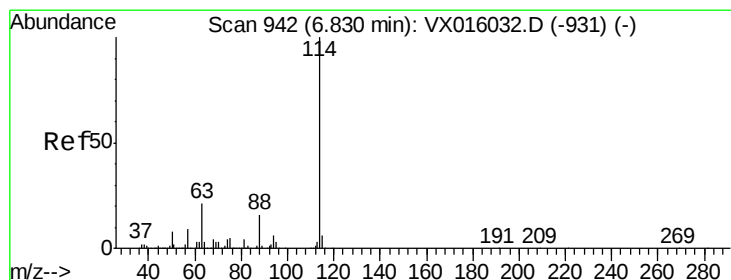
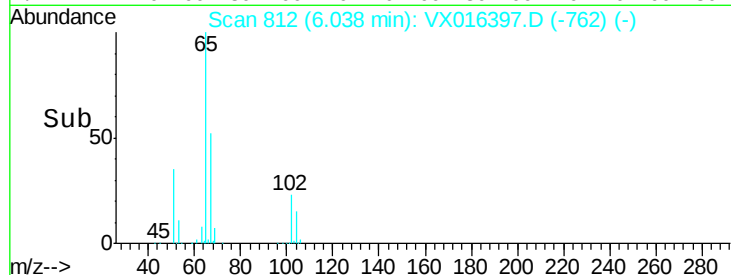
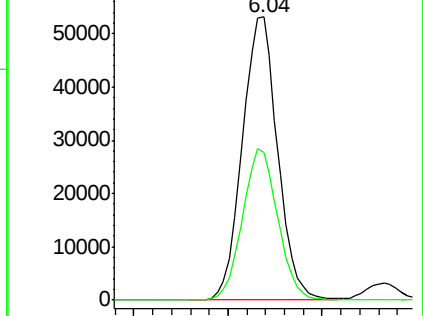
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

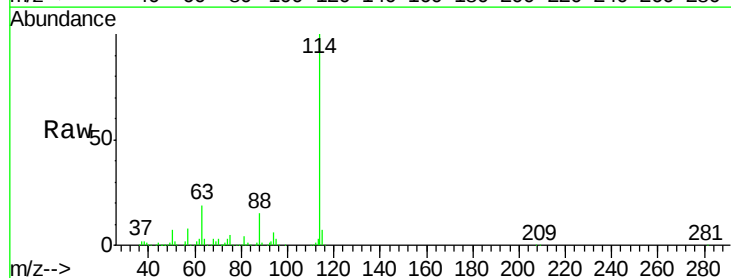
Tgt Ion: 114 Resp: 384099

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.8

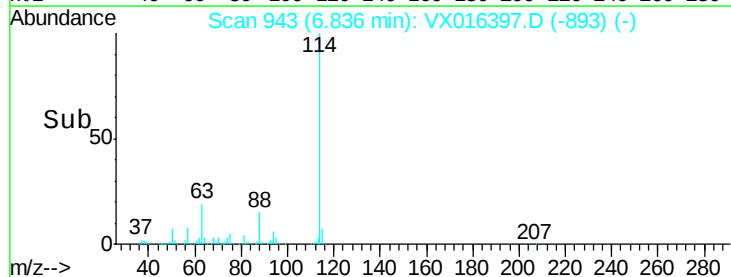
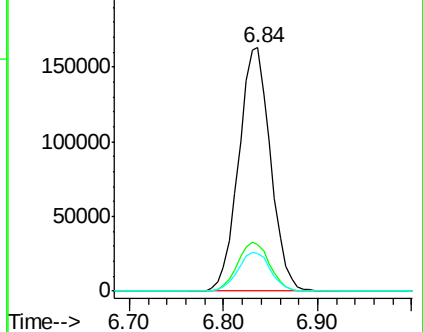
88 15.5 0.0 31.4

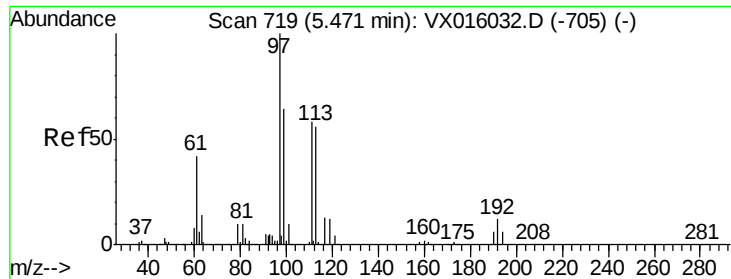


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





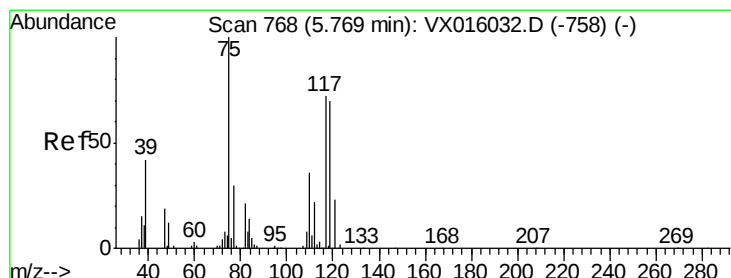
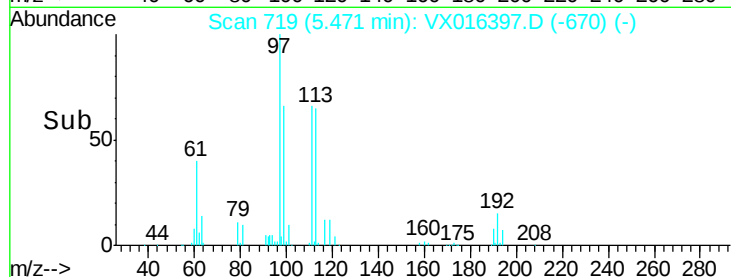
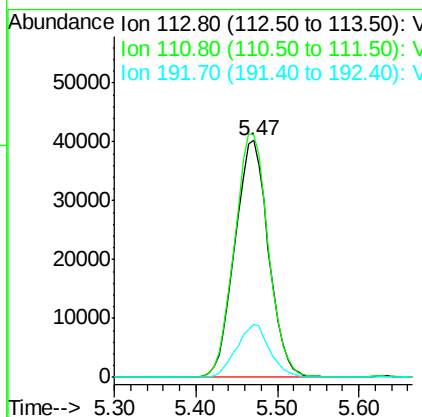
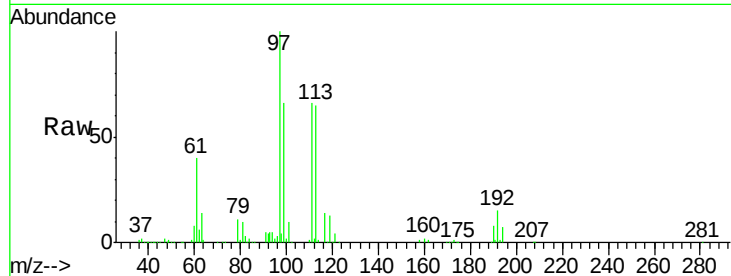
#35
Dibromofluoromethane
Concen: 47.412 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	115375		
111	103.5	81.6	122.4	
192	21.9	17.0	25.4	

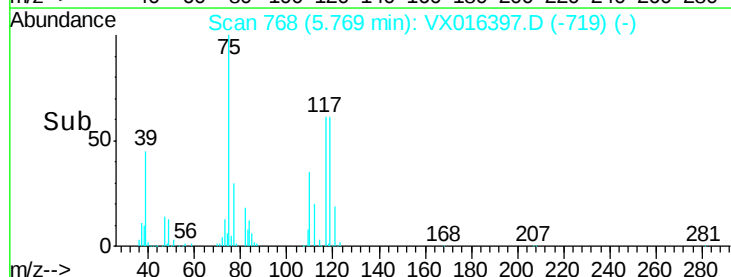
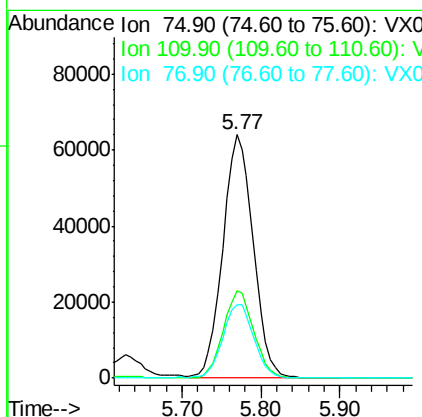
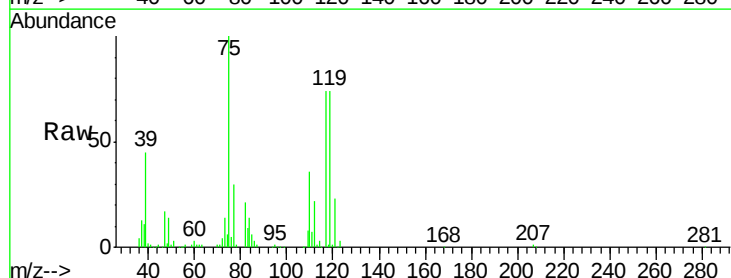
Manual Integrations
APPROVED

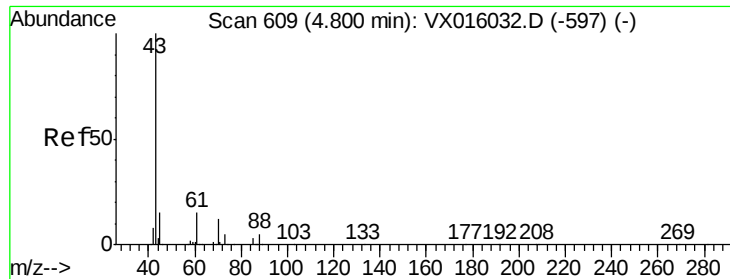
MMDadoda
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#36
1,1-Dichloropropene
Concen: 45.241 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	171054		
110	35.9	18.1	54.1	
77	30.8	25.0	37.6	





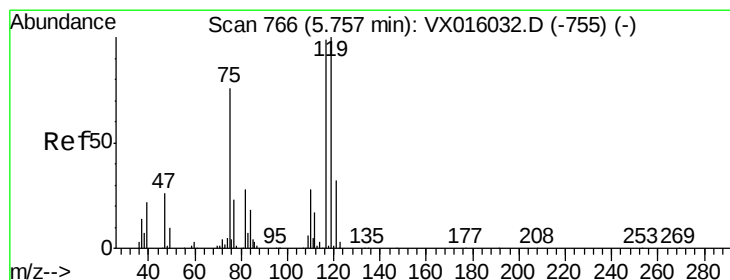
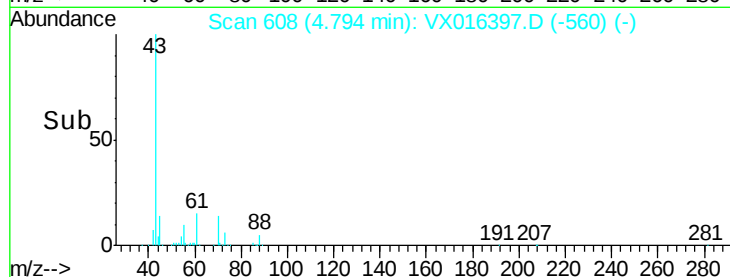
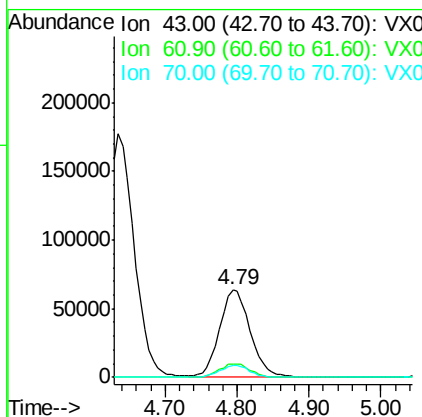
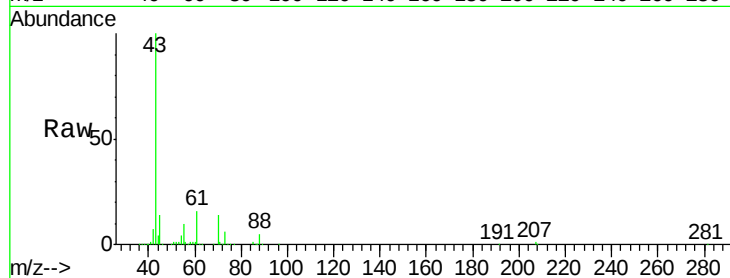
#37
Ethyl Acetate
Concen: 42.913 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.7	17.5
70	13.2	9.3	13.9

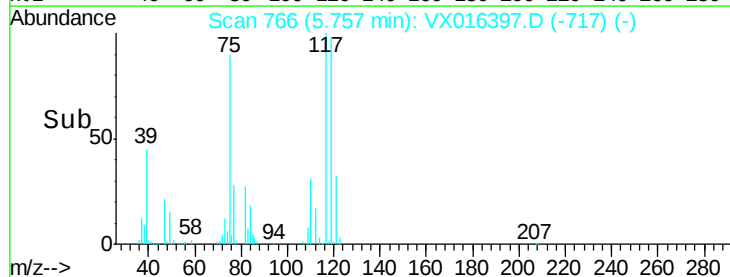
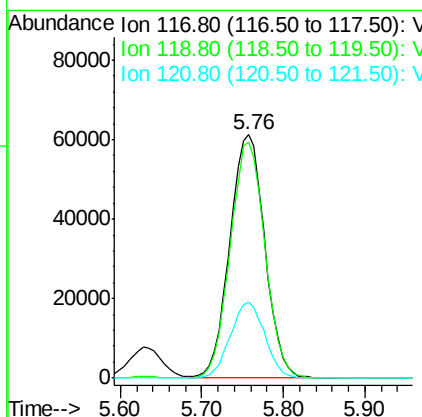
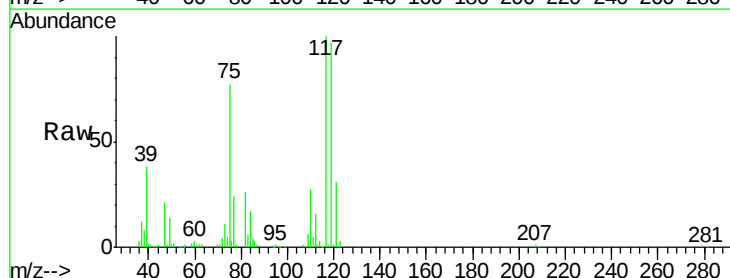
Manual Integrations
APPROVED

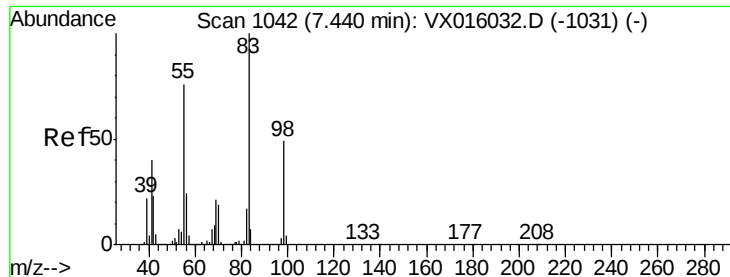
MMDadoda
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#38
Carbon Tetrachloride
Concen: 47.343 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	80.3	120.5
121	31.3	25.7	38.5





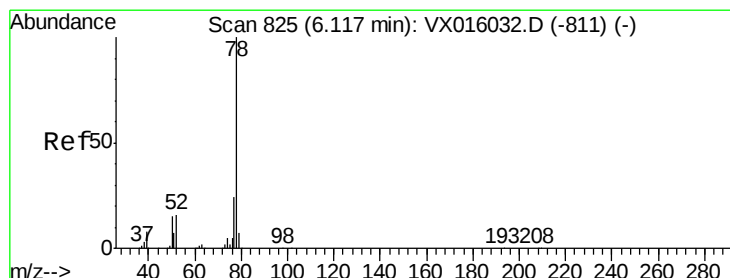
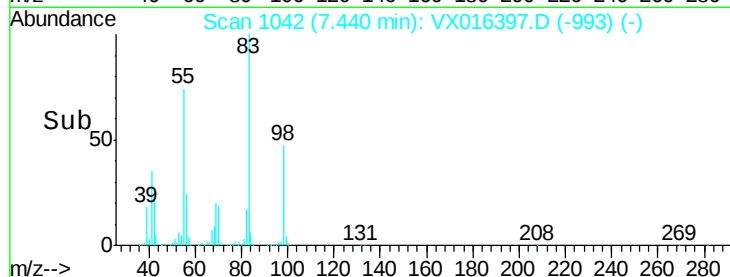
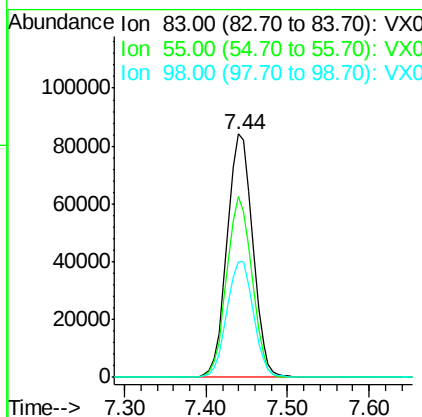
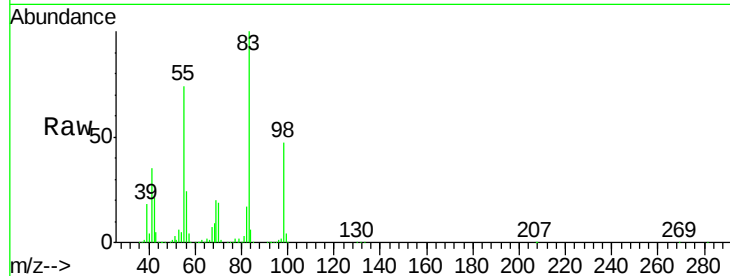
#39
Methylvlcyclohexane
Concen: 40.138 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	61.1	91.7
98	47.3	39.0	58.4

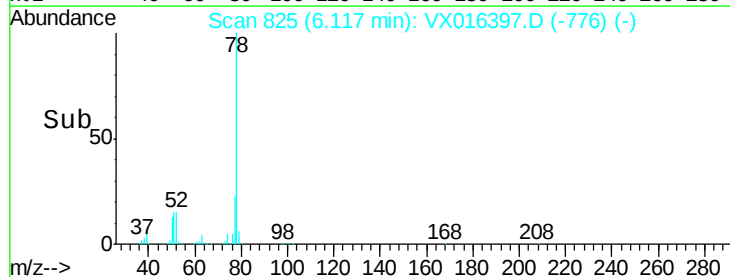
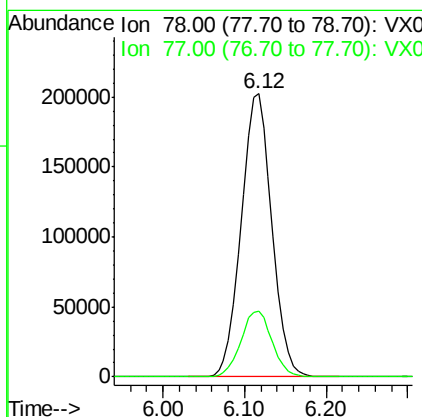
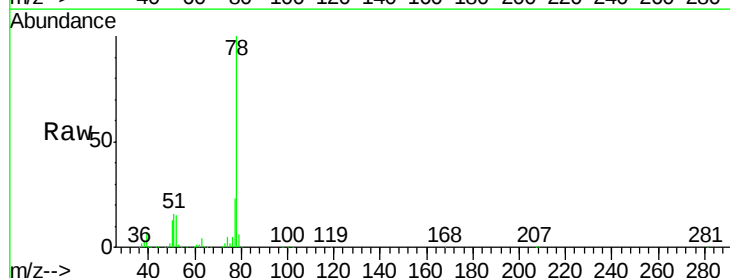
Manual Integrations
APPROVED

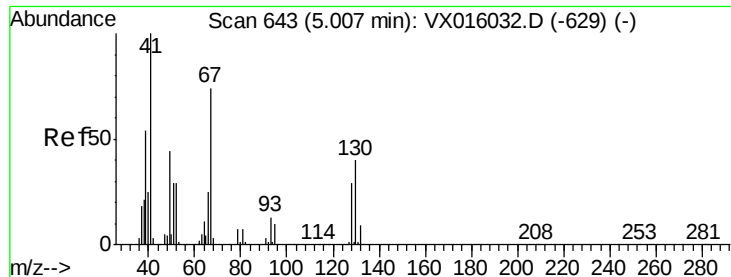
MMDadoda
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#40
Benzene
Concen: 47.654 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





#41

Methacrylonitrile

Concen: 42.643 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

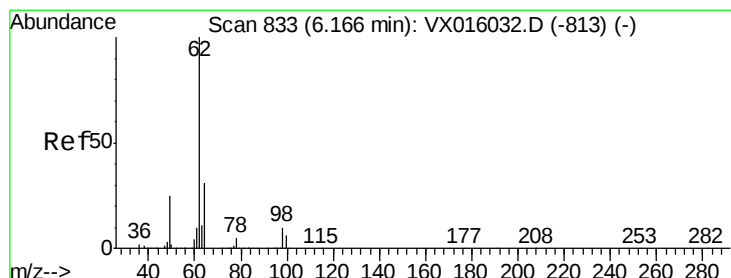
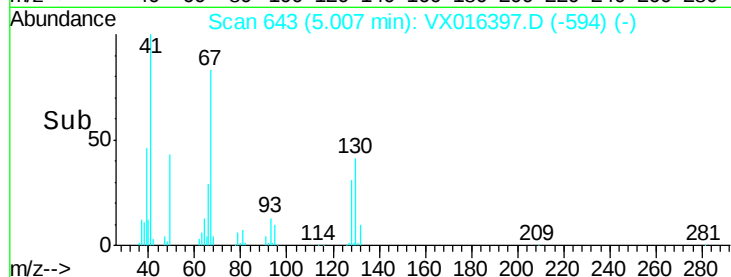
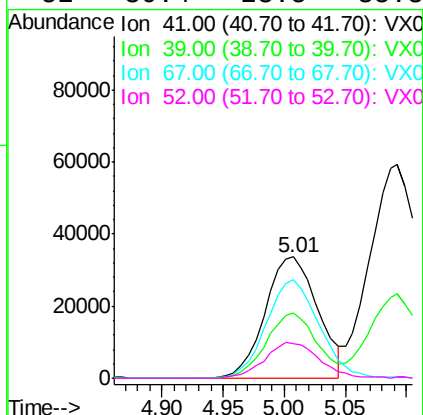
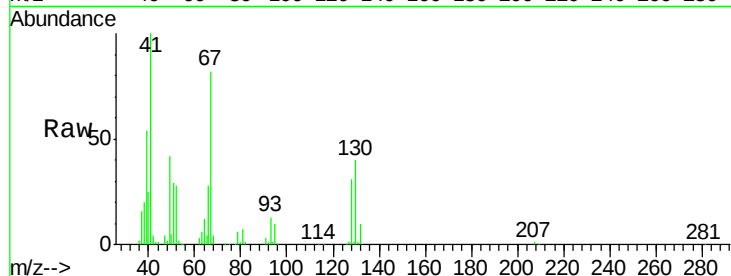
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		100919		
39	51.8	43.2	64.8		
67	82.0	59.3	88.9		
52	30.4	23.5	35.3		

Manual Integrations
APPROVED

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#42

1,2-Dichloroethane

Concen: 44.347 ug/l

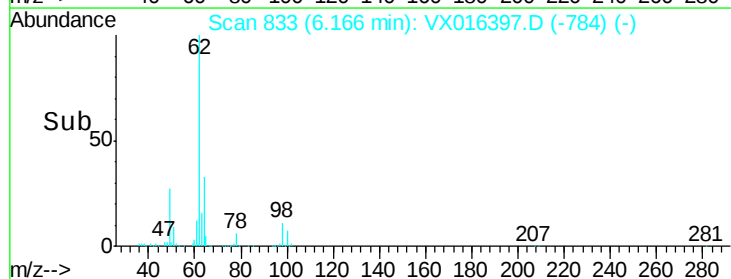
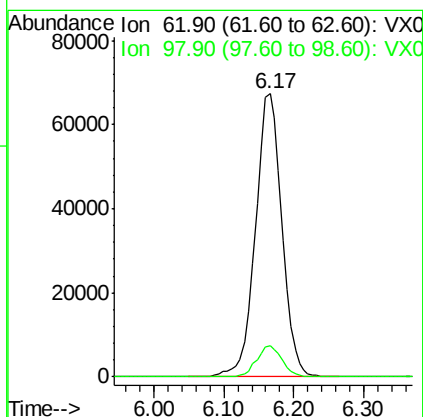
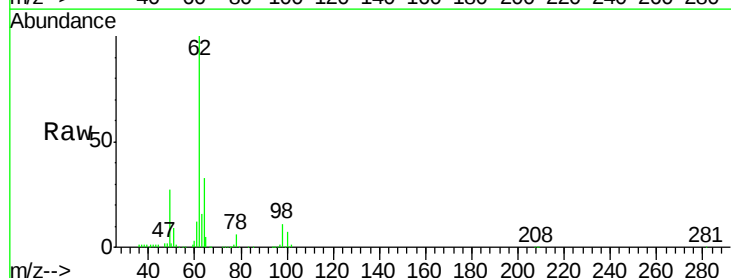
RT: 6.17 min Scan# 833

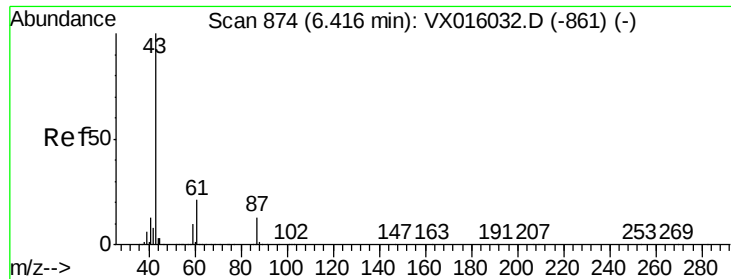
Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		176729		
98	10.6	0.0	19.4		





#43

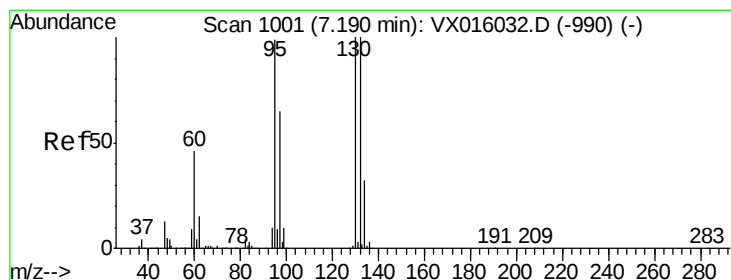
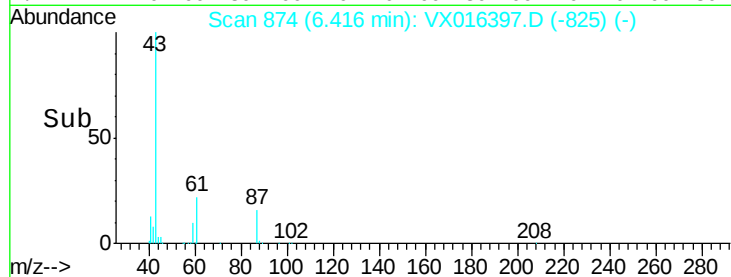
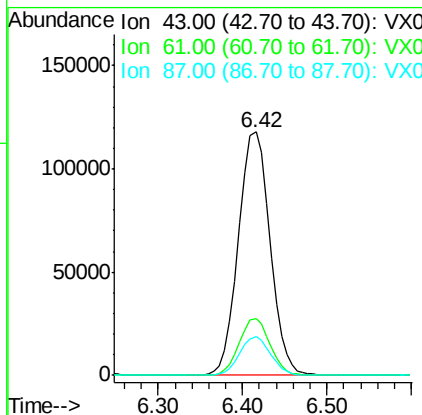
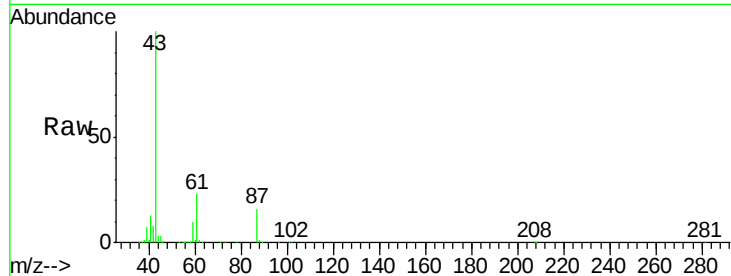
Isopropyl Acetate
 Concen: 42.868 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	17.0	25.4
87	15.5	11.0	16.6

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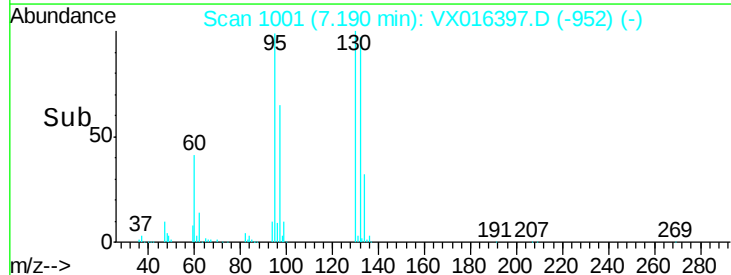
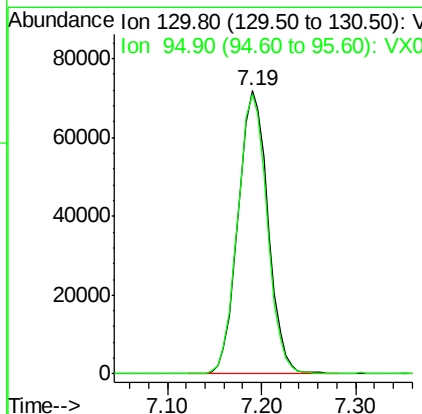
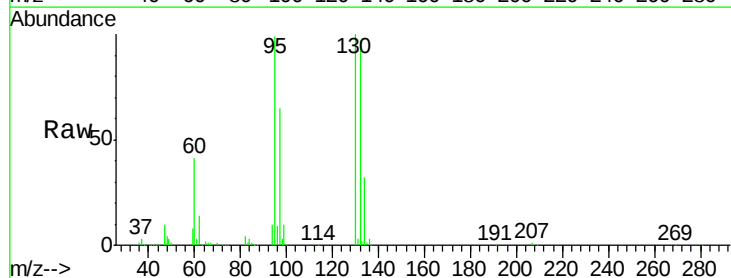
MMDadoda
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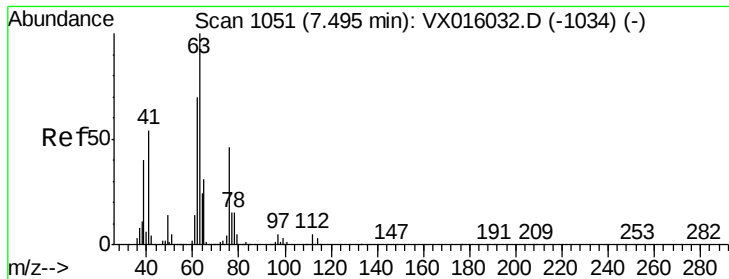


#44

Trichloroethene
 Concen: 40.597 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	197.4





#45

1,2-Dichloropropane

Concen: 47.577 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 133181

Ion Ratio Lower Upper

63 100

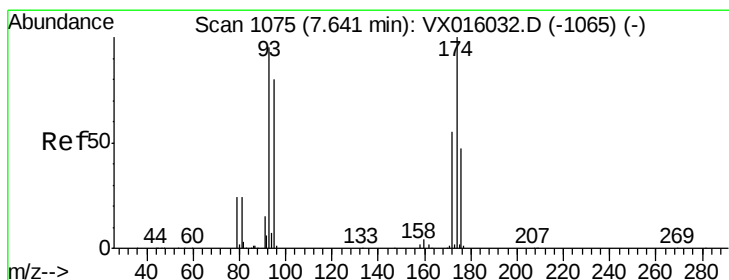
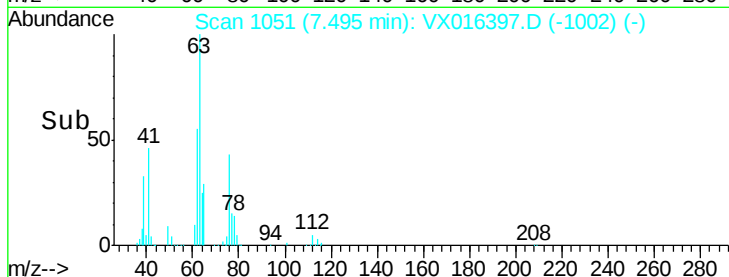
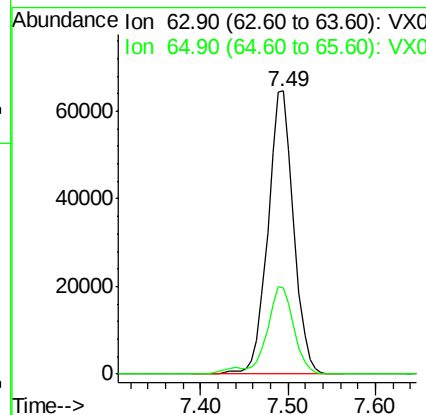
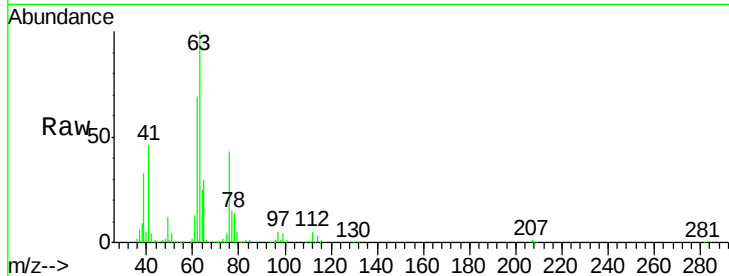
65 30.4 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 46.267 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

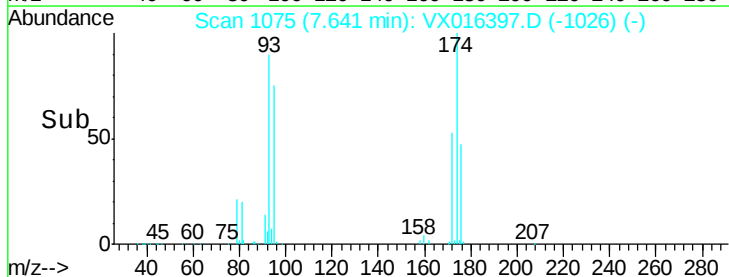
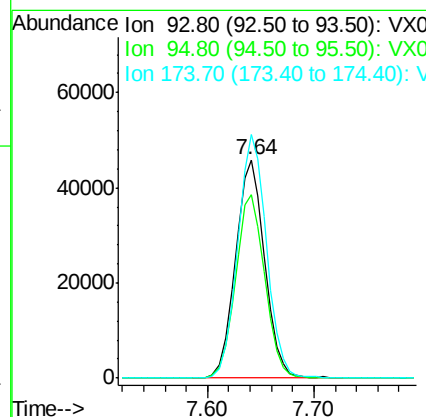
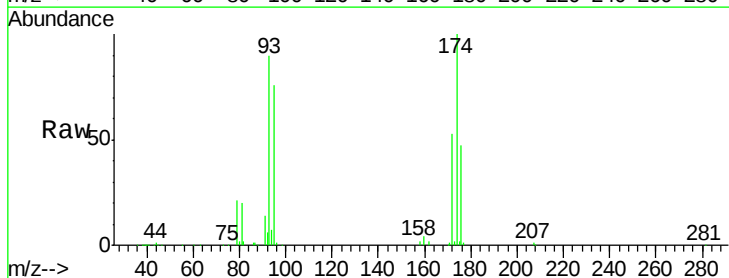
Tgt Ion: 93 Resp: 88014

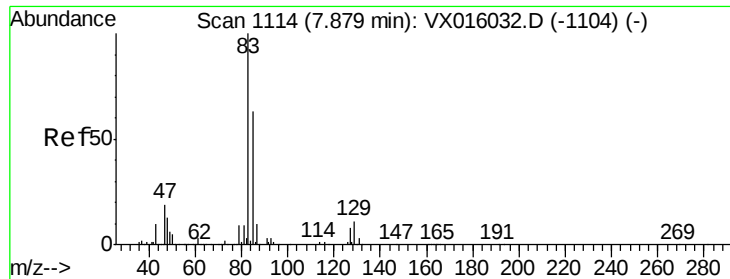
Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

174 110.2 84.2 126.4





#47

Bromodichloromethane

Concen: 48.019 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

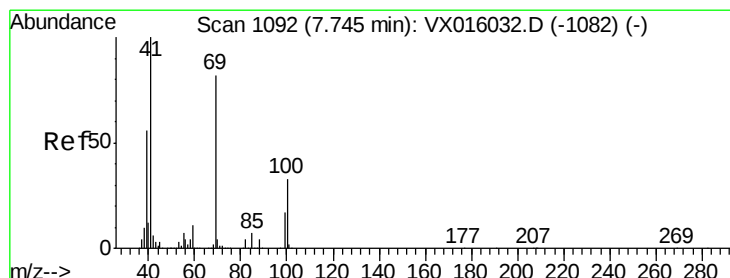
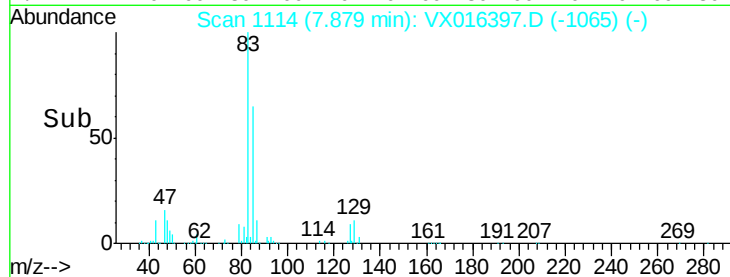
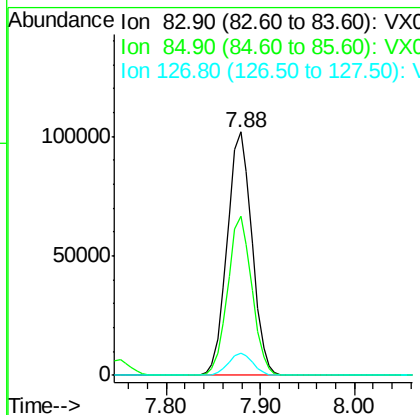
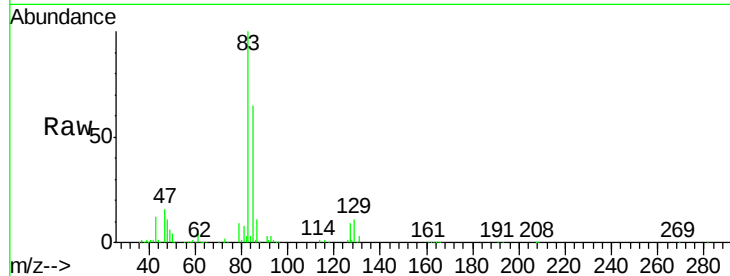
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	186039
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.5	75.7
127	9.1	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 42.567 ug/l

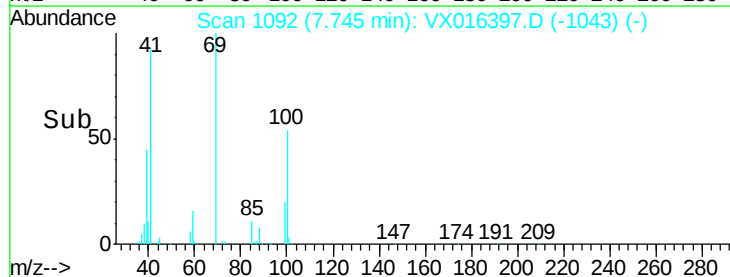
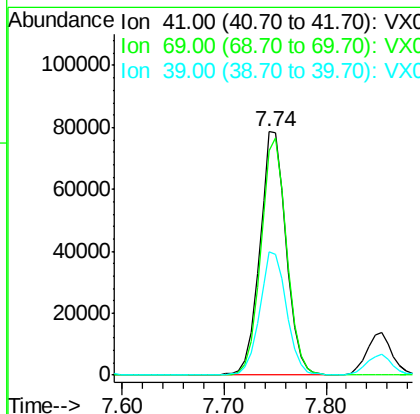
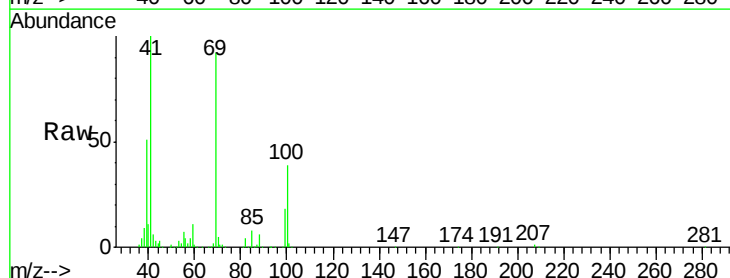
RT: 7.74 min Scan# 1092

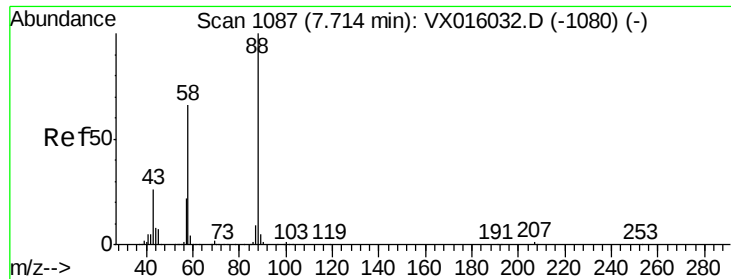
Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion:	41	Resp:	141030
Ion Ratio	Lower	Upper	
41	100		
69	95.7	67.8	101.6
39	51.6	44.6	67.0





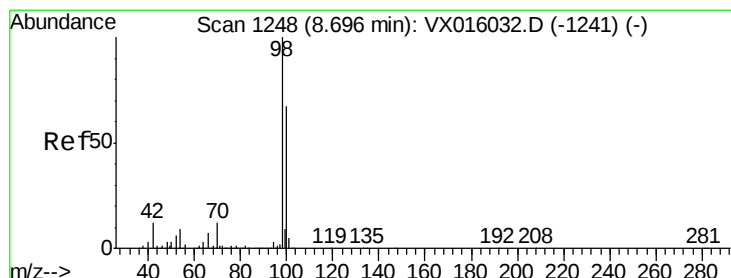
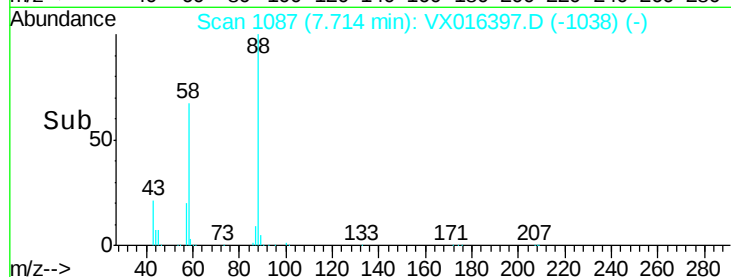
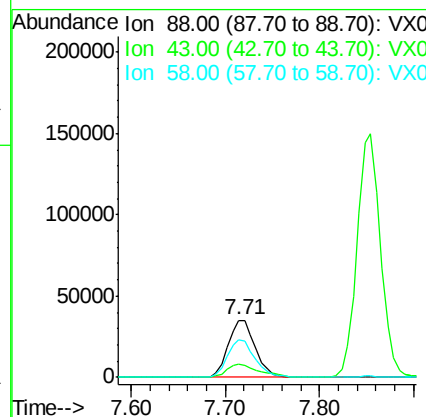
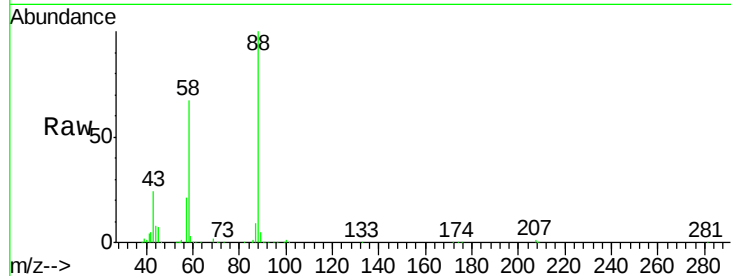
#49
1,4-Dioxane
Concen: 864.630 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.7	25.3	37.9
58	68.1	55.9	83.9

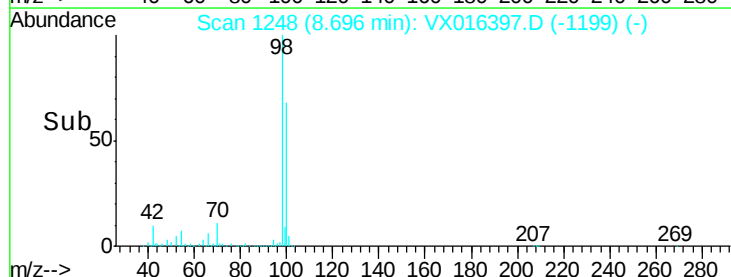
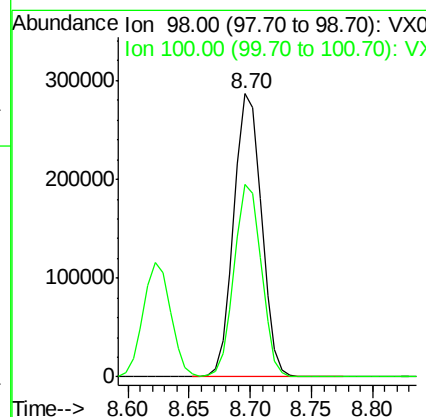
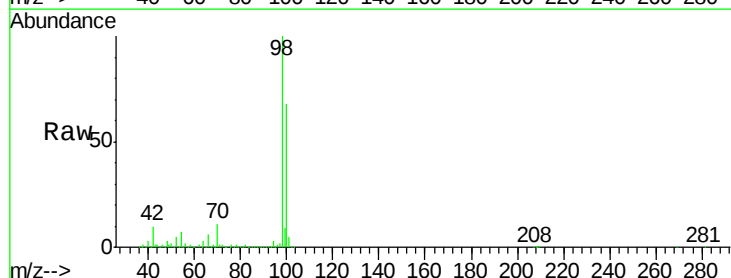
Manual Integrations
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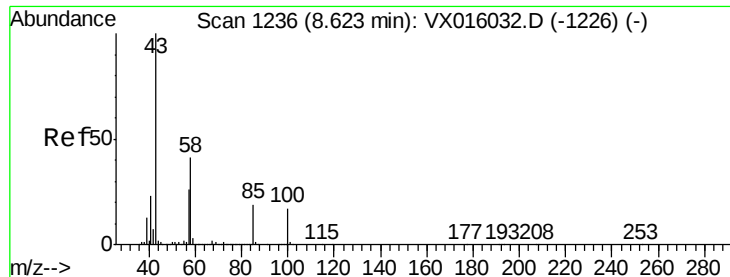
MMDadoda
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#50
Toluene-d8
Concen: 47.888 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 221.122 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 946105

Ion Ratio Lower Upper

43 100

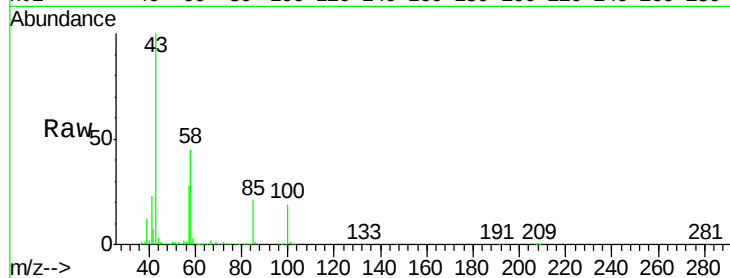
58 44.3 33.0 49.4

Manual Integrations

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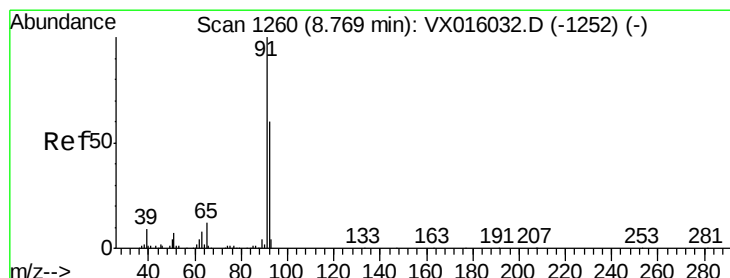
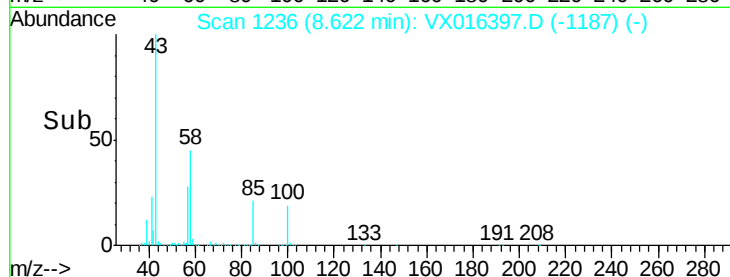
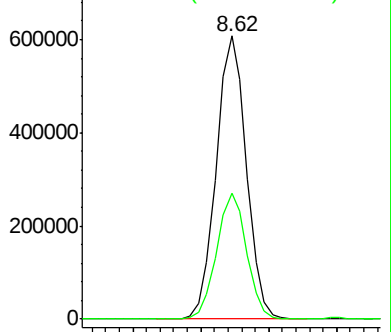
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.907 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016397.D

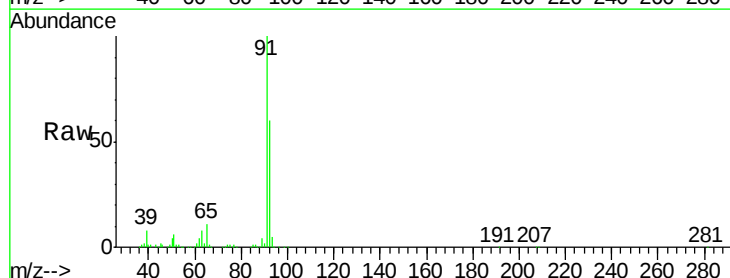
Acq: 21 May 2020 20:20

Tgt Ion: 92 Resp: 337241

Ion Ratio Lower Upper

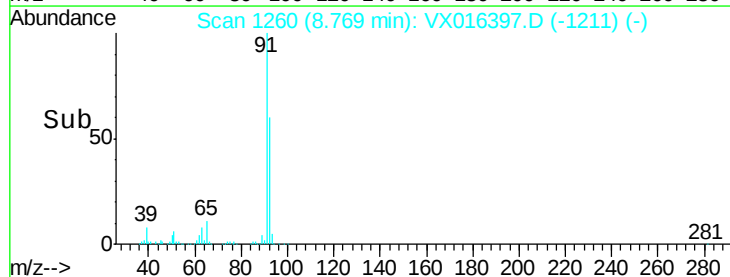
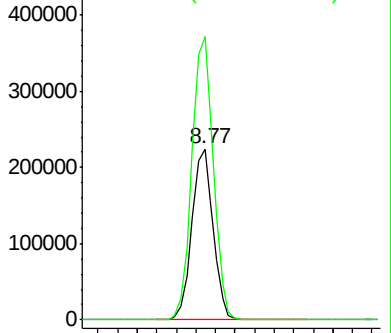
92 100

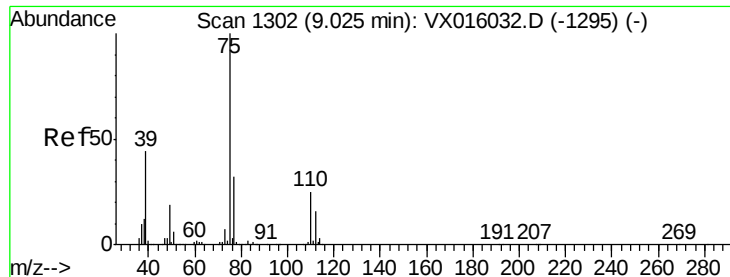
91 167.8 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 45.746 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 211316

Ion Ratio Lower Upper

75 100

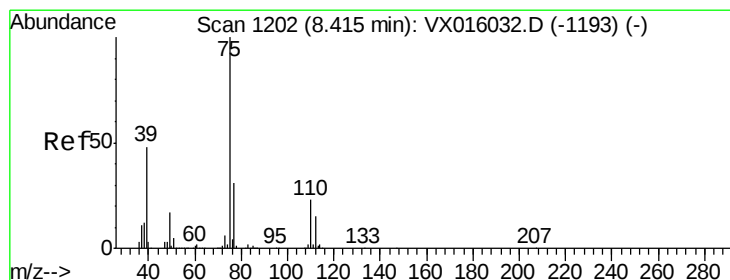
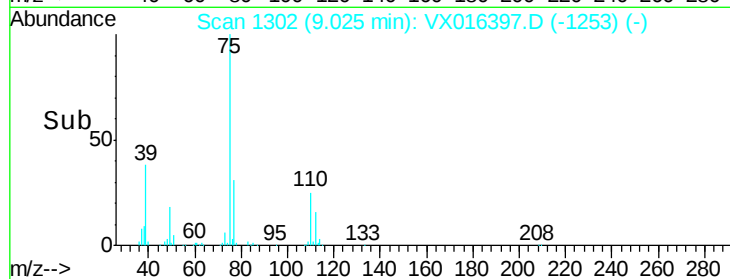
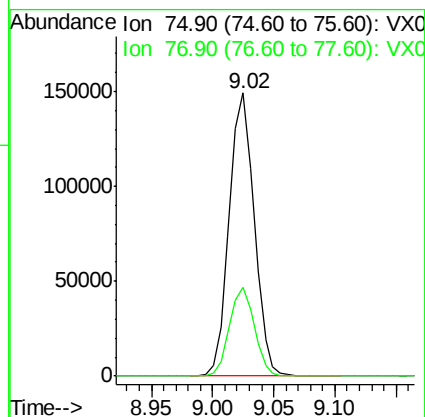
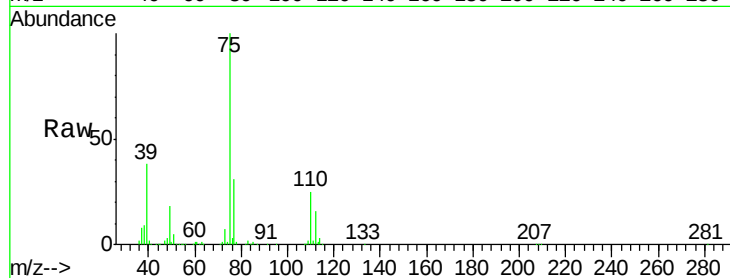
77 31.2 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 46.354 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

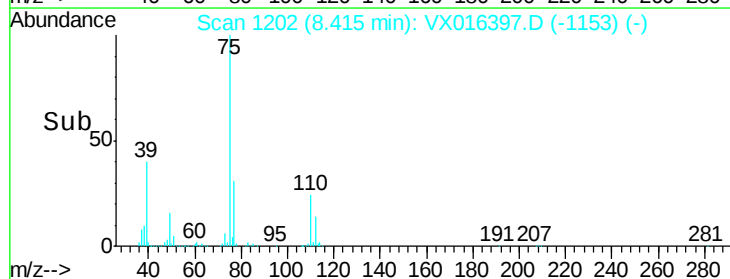
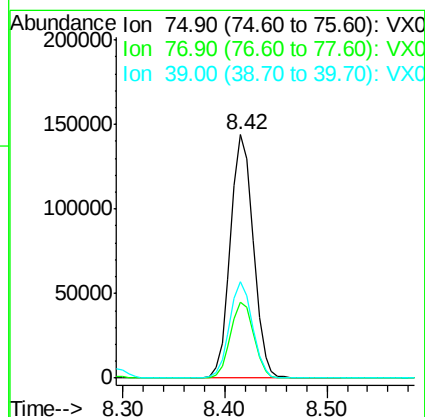
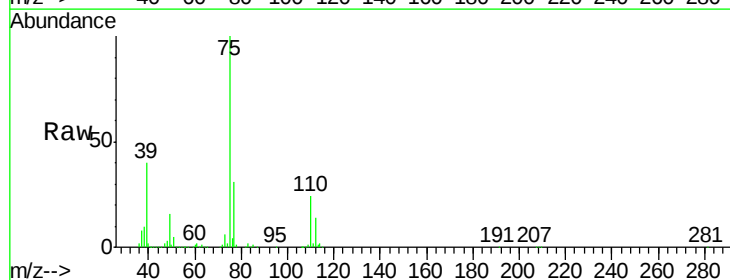
Tgt Ion: 75 Resp: 223658

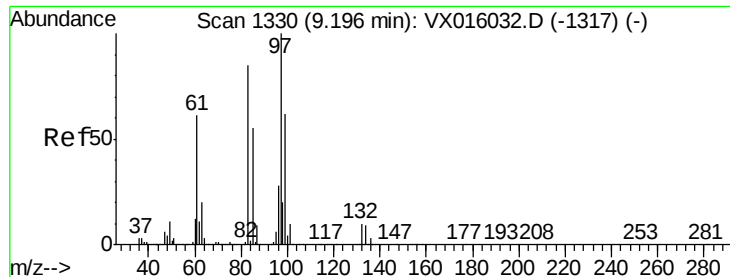
Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

39 39.8 38.7 58.1





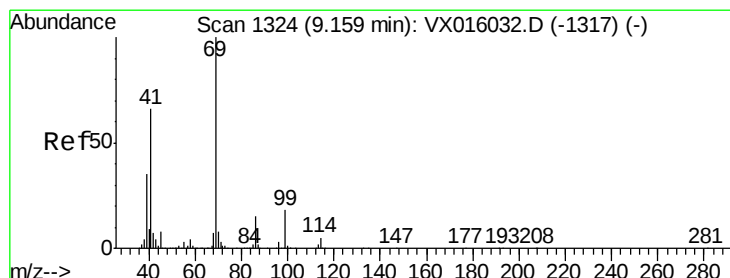
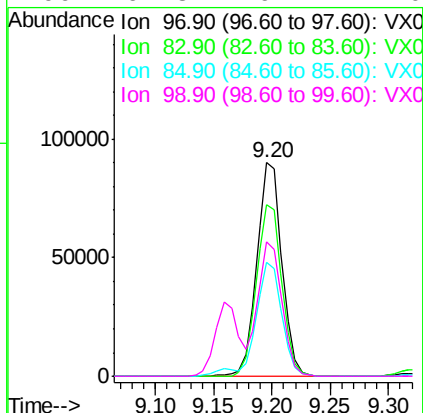
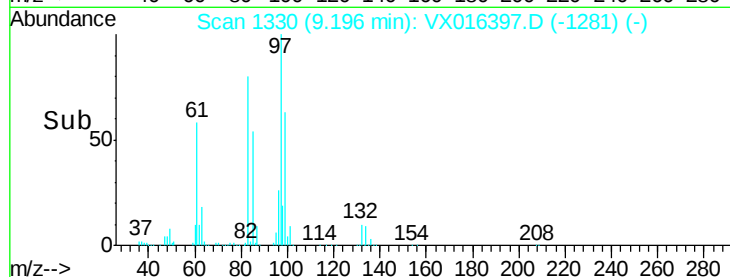
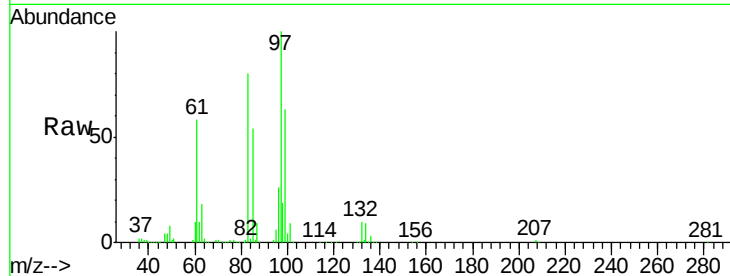
#55
 1,1,2-Trichloroethane
 Concen: 49.837 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	135207
Ion Ratio	Lower	Upper	
97	100		
83	80.2	67.8	101.8
85	53.6	43.8	65.8
99	62.8	49.4	74.0

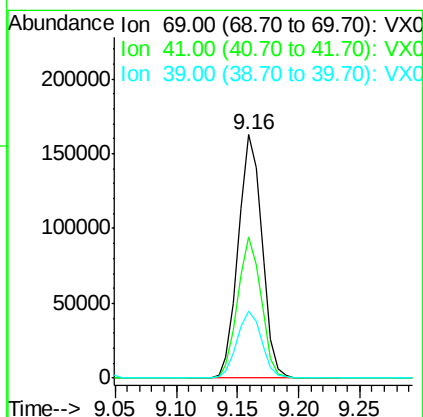
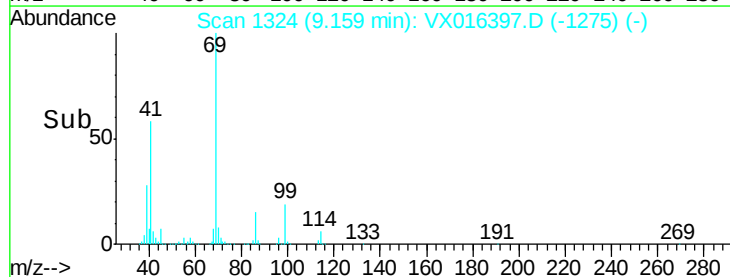
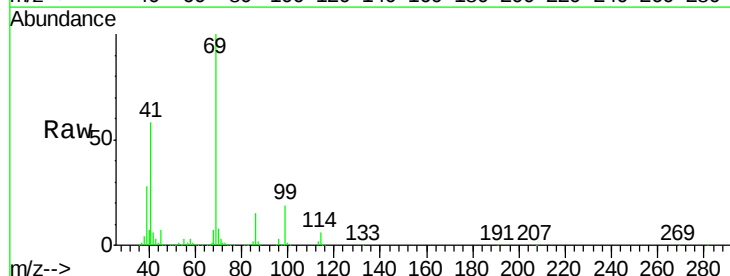
Manual Integrations
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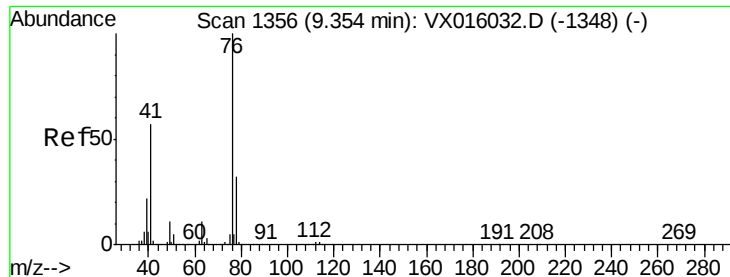
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#56
 Ethyl methacrylate
 Concen: 49.250 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion:	69	Resp:	218099
Ion Ratio	Lower	Upper	
69	100		
41	57.2	52.2	78.4
39	28.6	28.2	42.4





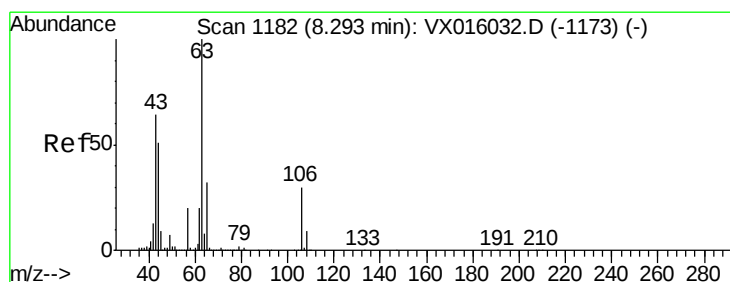
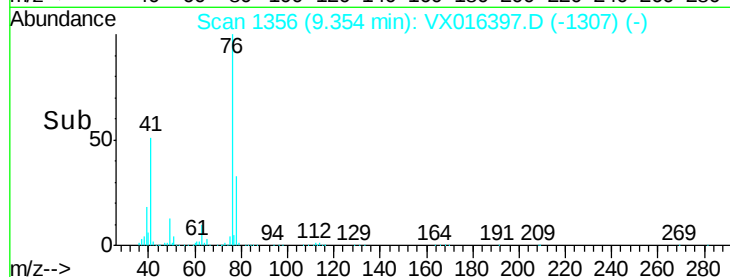
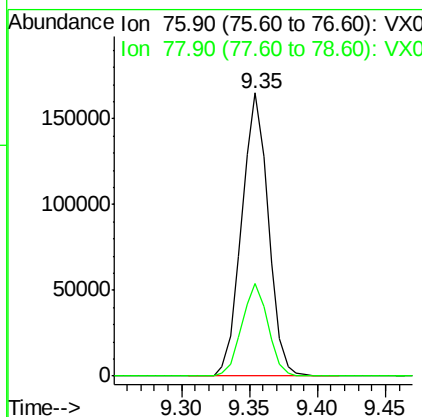
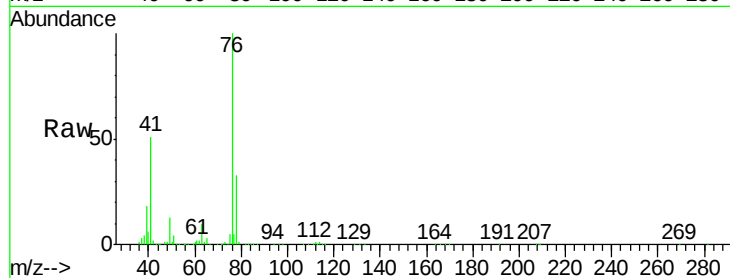
#57
 1,3-Dichloropropane
 Concen: 47.827 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

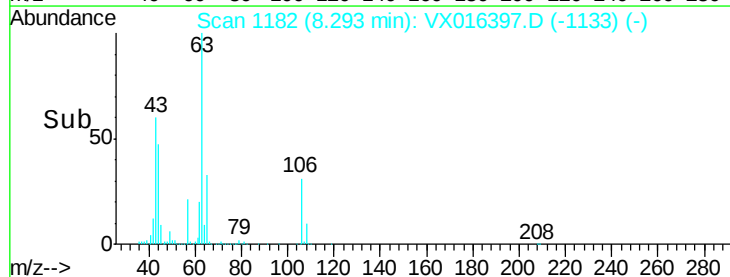
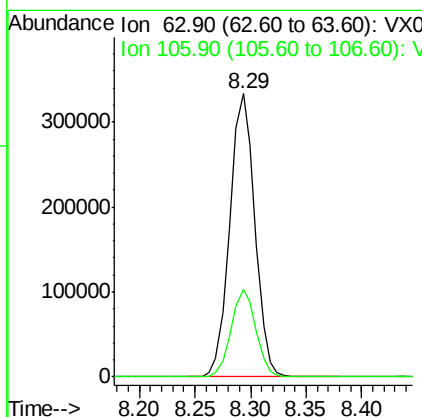
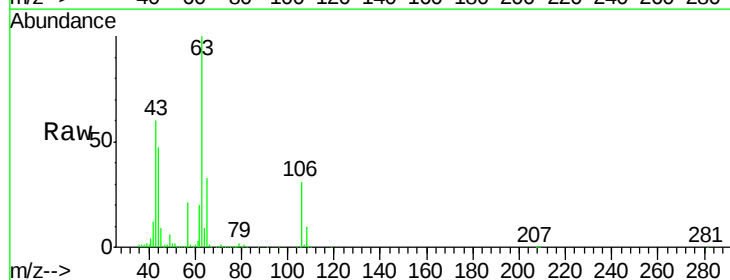
Manual Integrations
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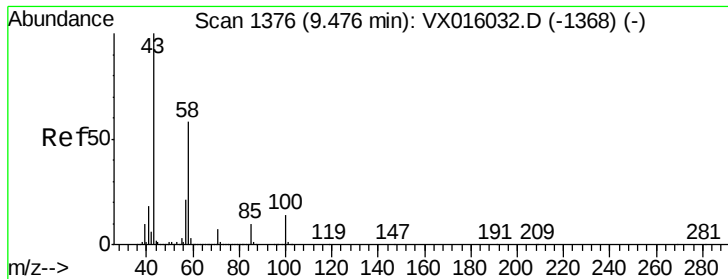
MMDadoda
 5/22/2020 4:03:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 219.868 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	23.4	35.2





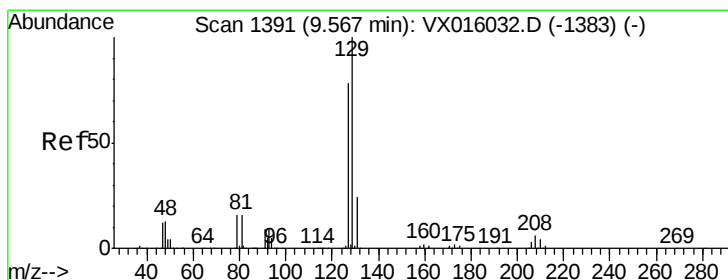
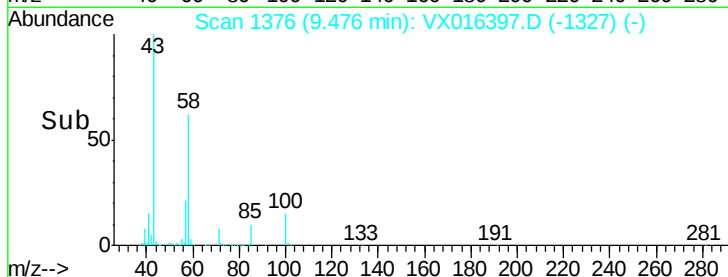
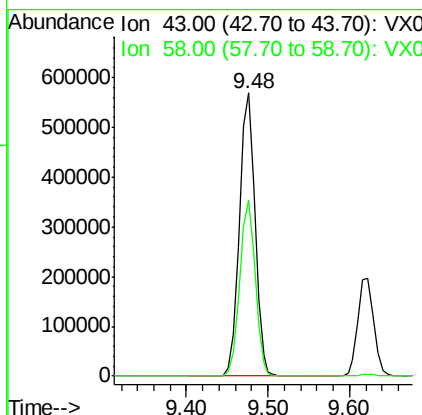
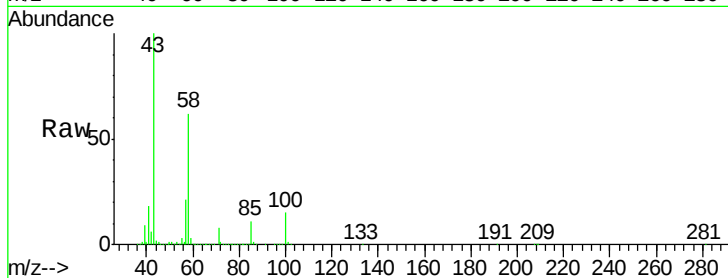
#59
2-Hexanone
Concen: 222.018 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 746008
Ion Ratio Lower Upper
43 100
58 61.8 28.6 85.9

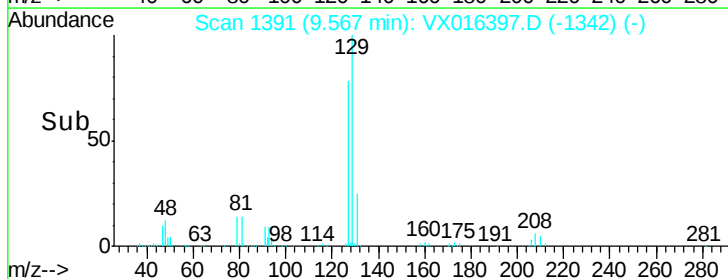
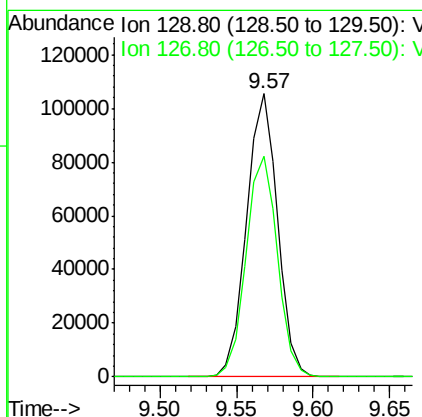
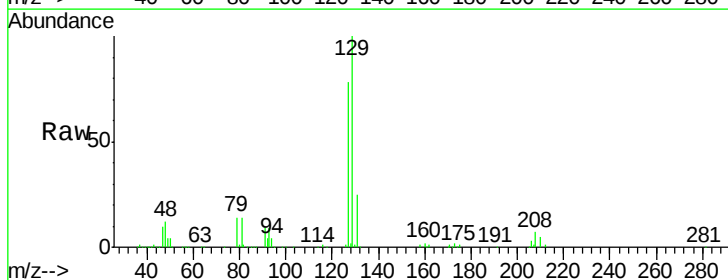
Manual Integrations
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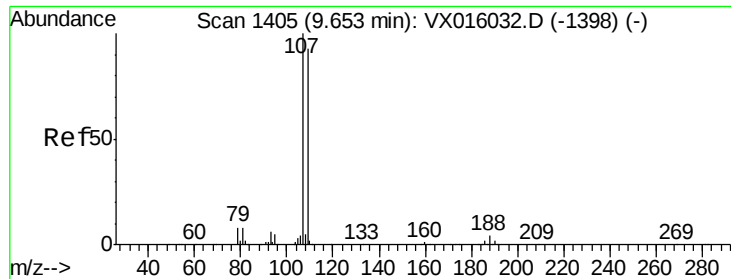
MMDadoda
5/22/2020 4:03:05 PM



#60
Dibromochloromethane
Concen: 49.843 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion: 129 Resp: 148930
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.2





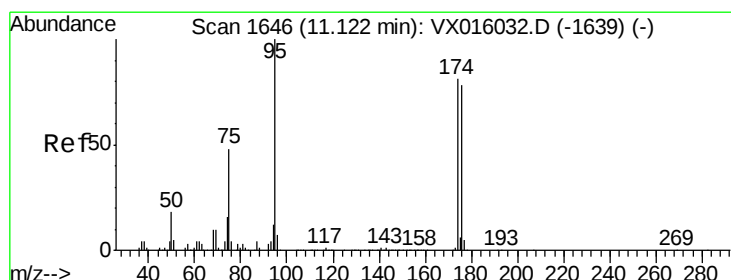
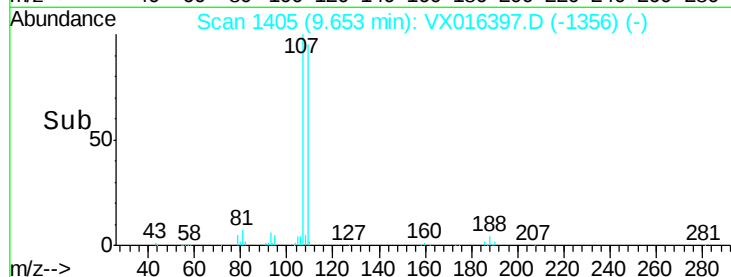
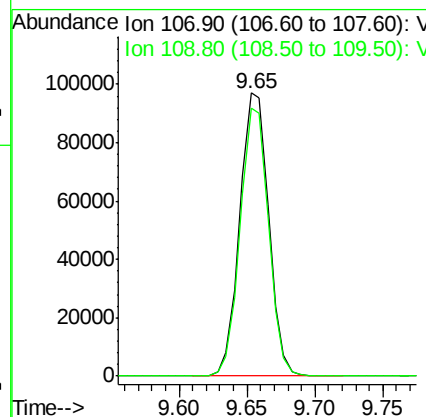
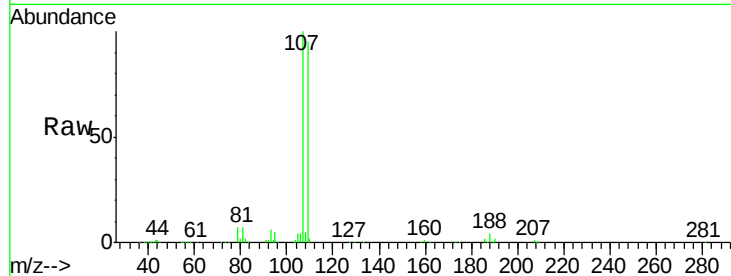
#61
 1,2-Dibromoethane
 Concen: 48.957 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	74.9	112.3

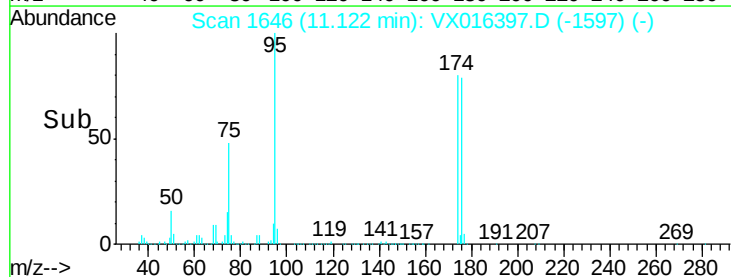
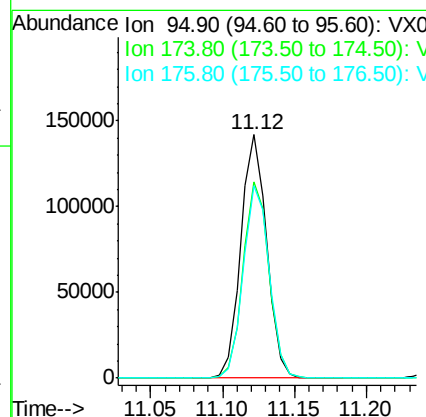
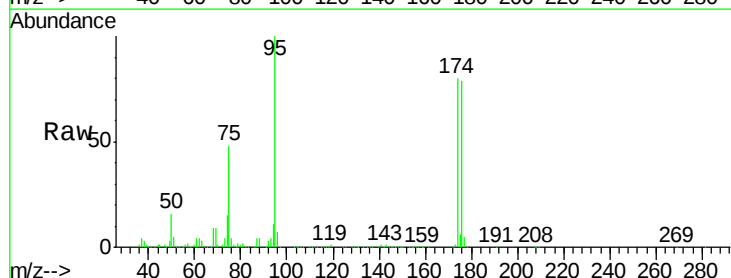
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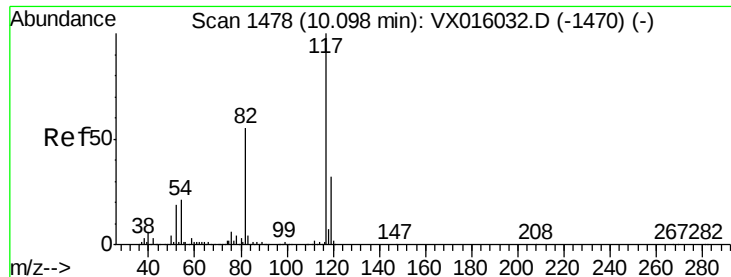
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 49.798 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	159.4
176	79.1	0.0	157.6





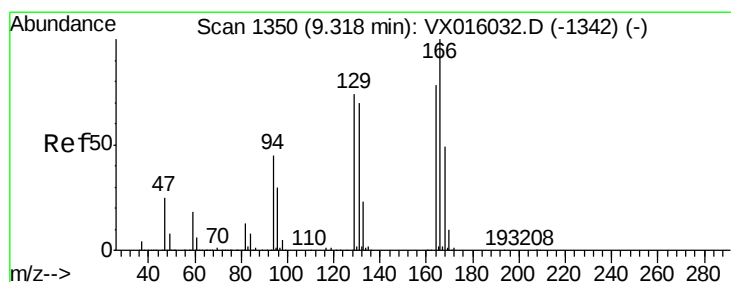
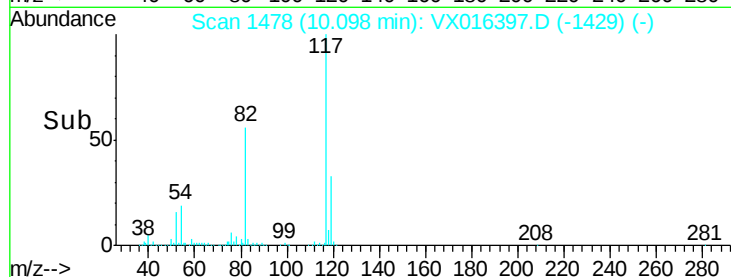
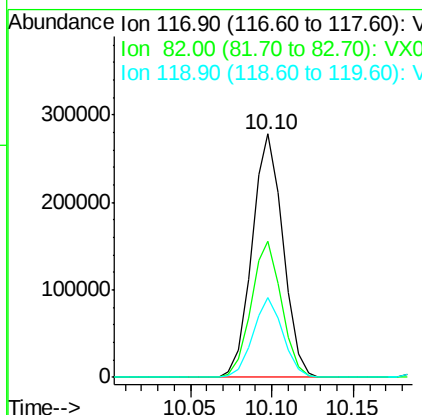
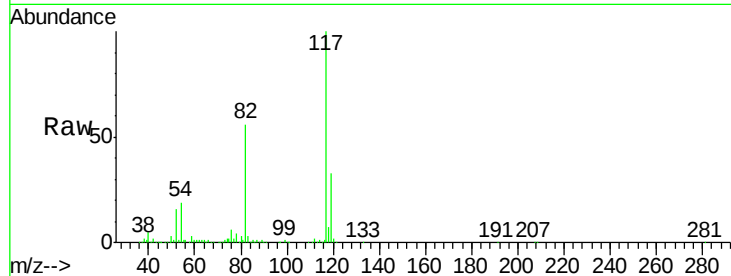
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	366328		
82	55.8		44.4	66.6
119	32.9		25.5	38.3

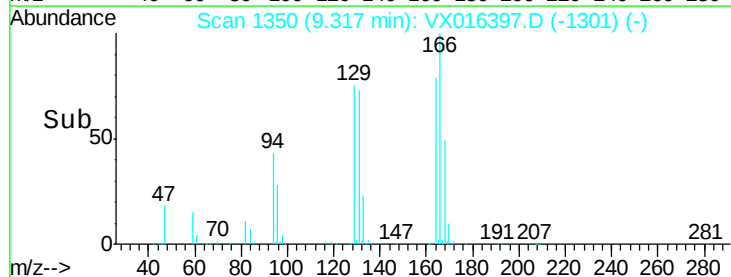
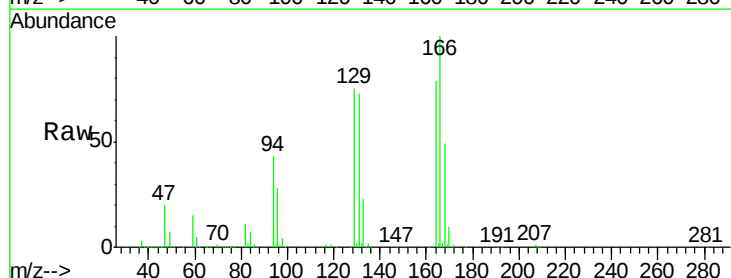
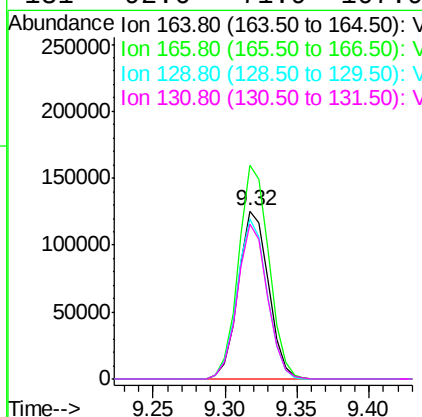
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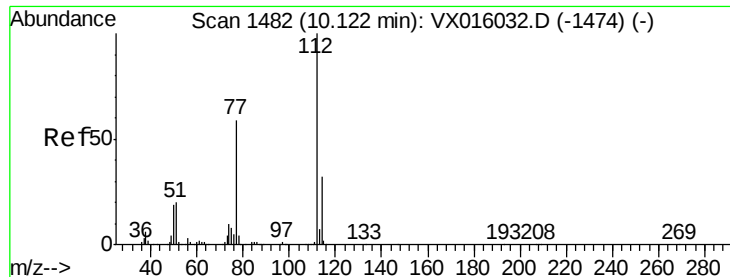
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#64
Tetrachloroethene
Concen: 40.729 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	183164		
166	127.4		102.9	154.3
129	95.4		76.1	114.1
131	92.6		71.9	107.9





#65

Chlorobenzene

Concen: 46.743 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 358539

Ion Ratio Lower Upper

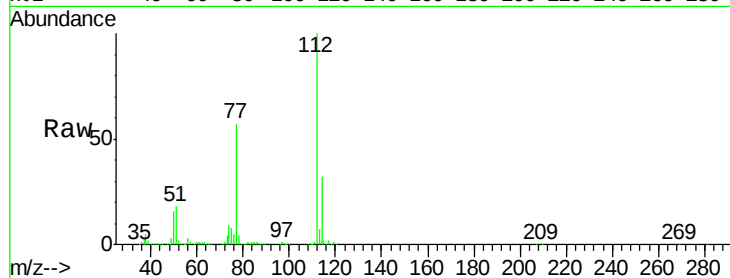
112 100

114 32.3 25.7 38.5

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

250000

200000

150000

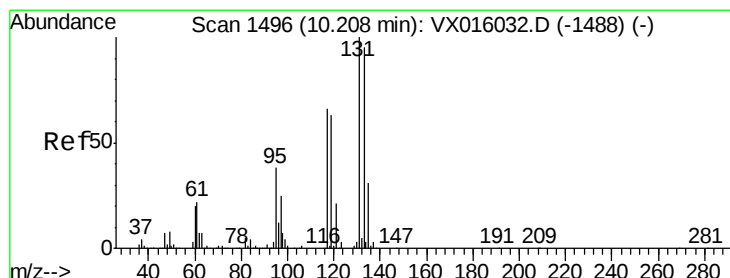
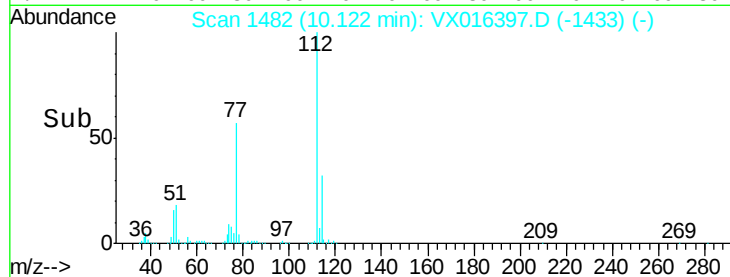
100000

50000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 47.881 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

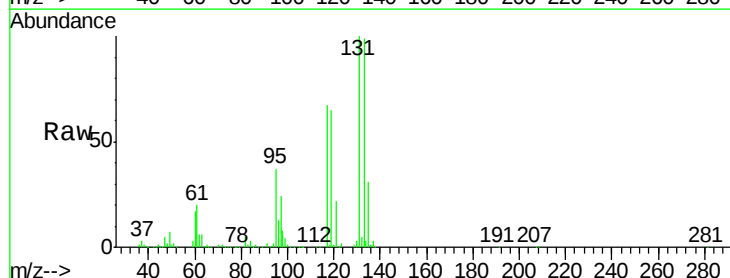
Tgt Ion:131 Resp: 135746

Ion Ratio Lower Upper

131 100

133 96.5 48.3 144.8

119 65.1 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

120000

100000

80000

60000

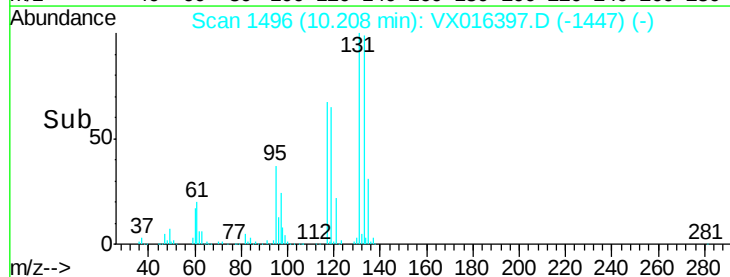
40000

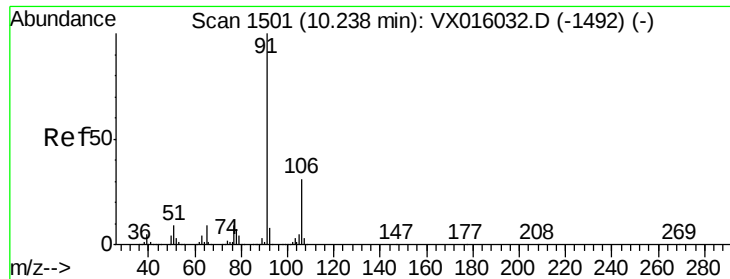
20000

0

10.15 10.20 10.25

Time-->





#67

Ethyl Benzene

Concen: 46.761 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 639974

Ion Ratio Lower Upper

91 100

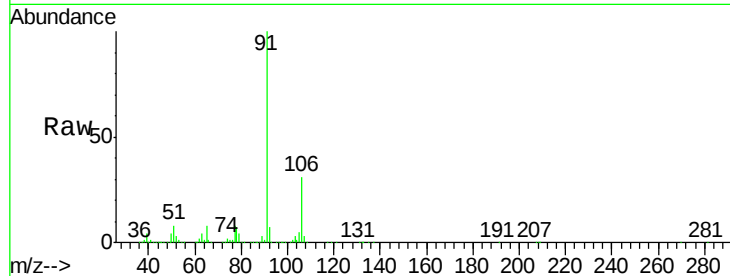
106 31.4 25.1 37.7

Manual Integrations

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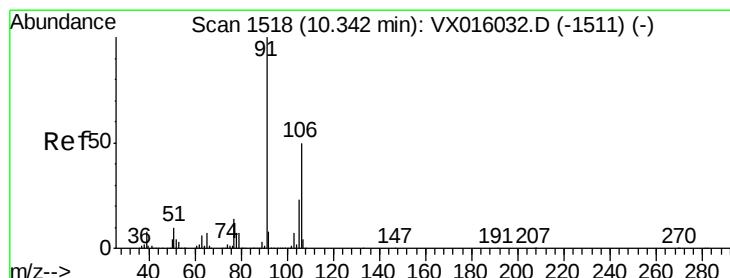
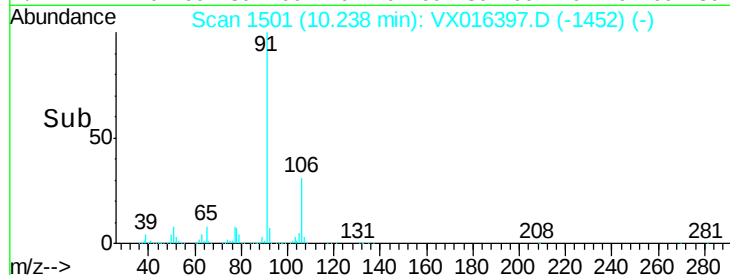
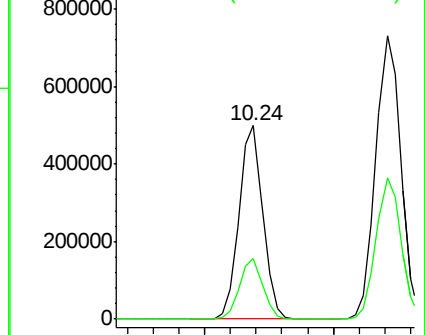
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 94.789 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016397.D

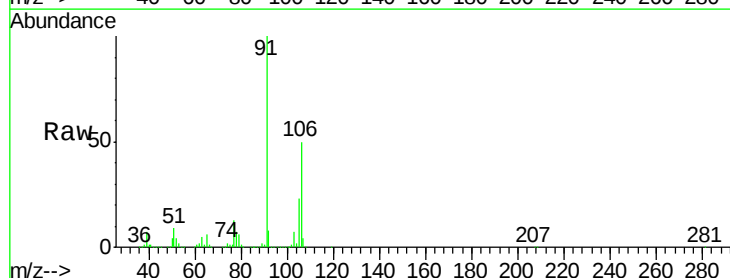
Acq: 21 May 2020 20:20

Tgt Ion: 106 Resp: 486046

Ion Ratio Lower Upper

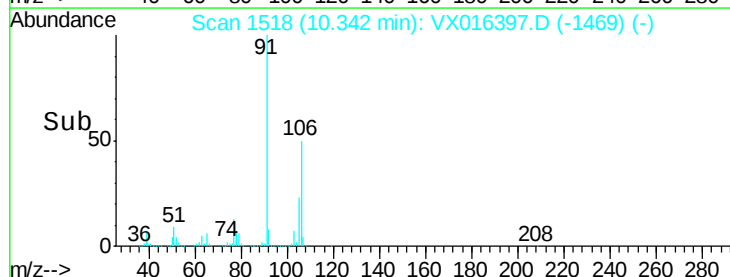
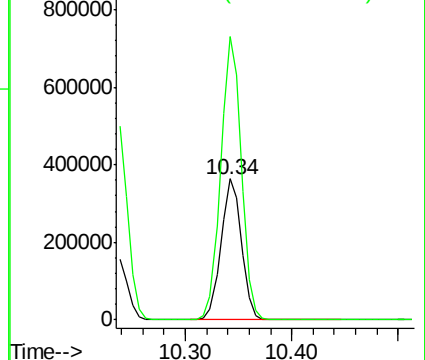
106 100

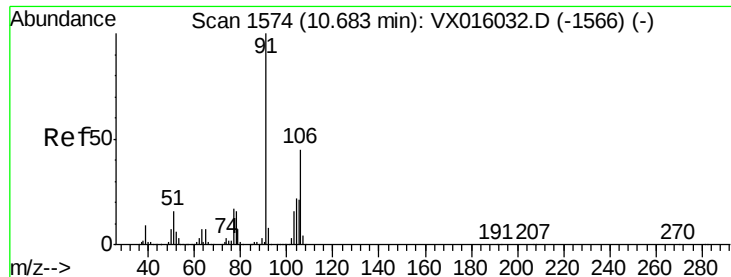
91 201.5 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





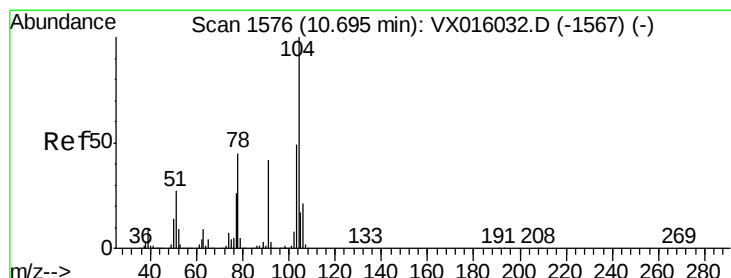
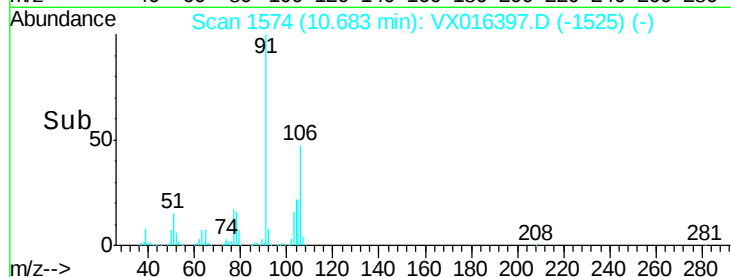
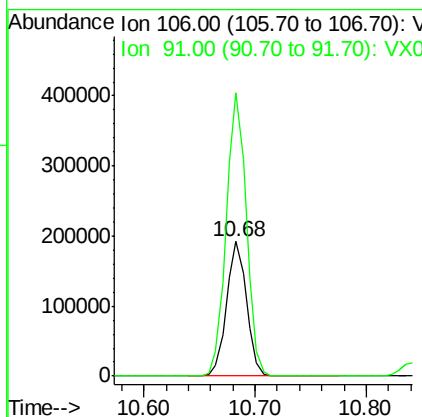
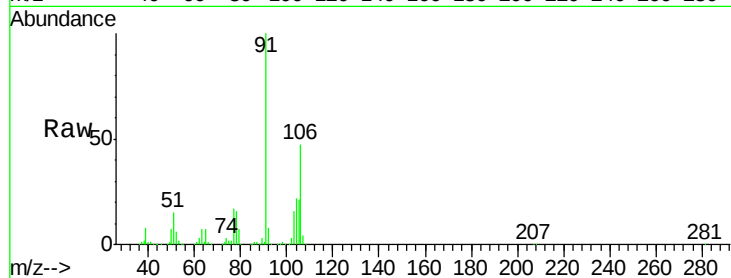
#69
o-Xylene
Concen: 48.194 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		237545		
91	212.3	107.5	322.6		

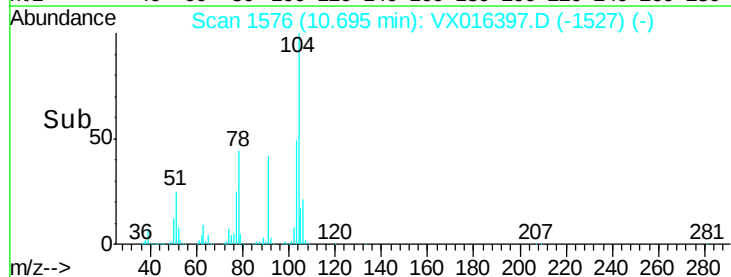
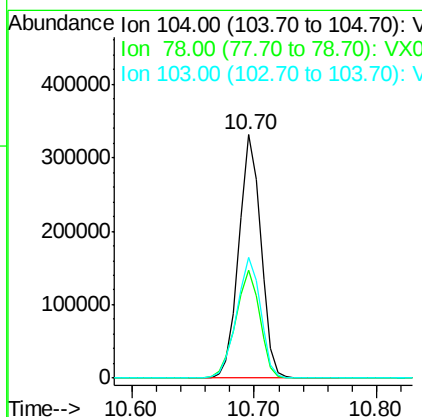
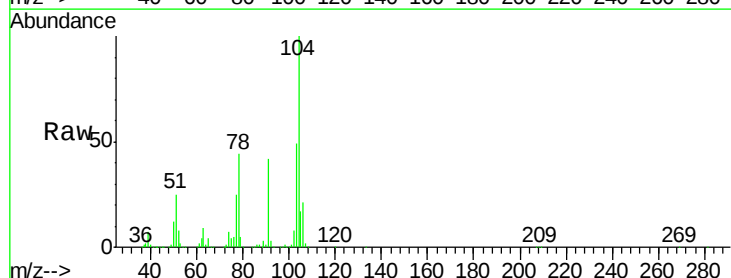
Manual Integrations
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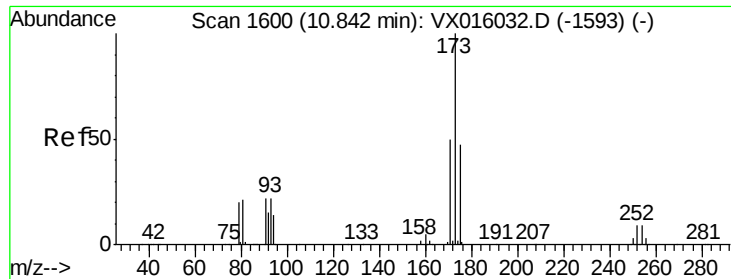
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5/22/2020 4:03:05 PM



#70
Styrene
Concen: 49.325 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		412454		
78	49.0	40.2	60.2		
103	53.9	43.0	64.6		





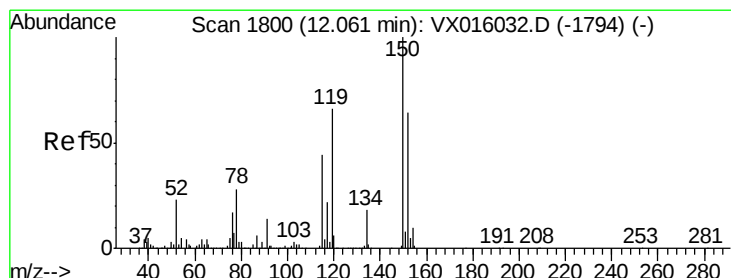
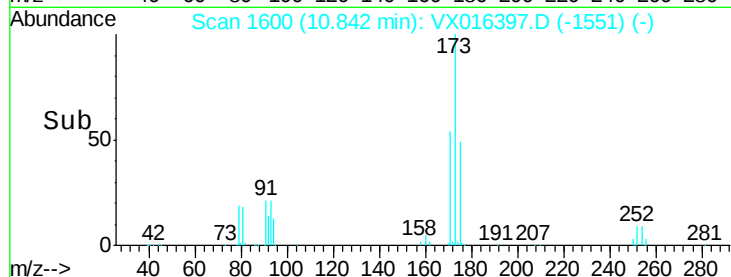
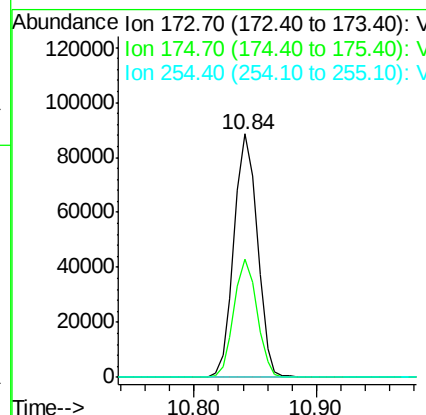
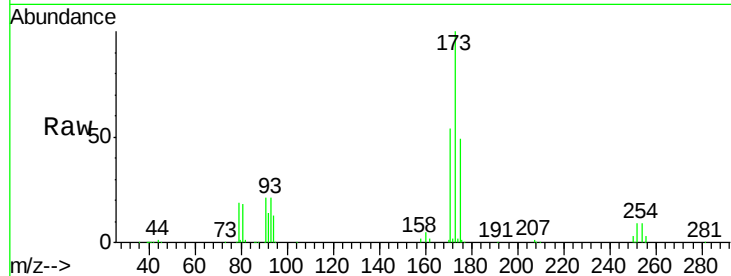
#71
Bromoform
Concen: 50.607 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.1	0.1	0.1

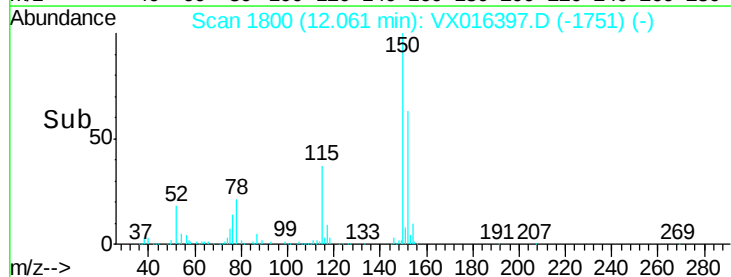
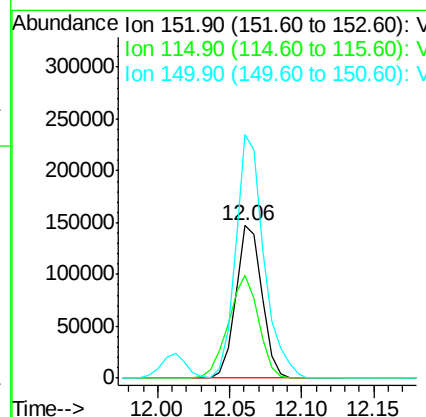
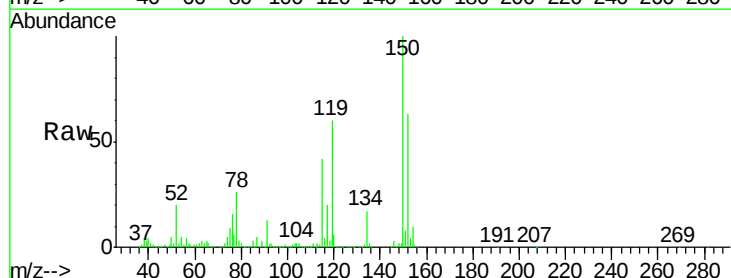
Manual Integrations
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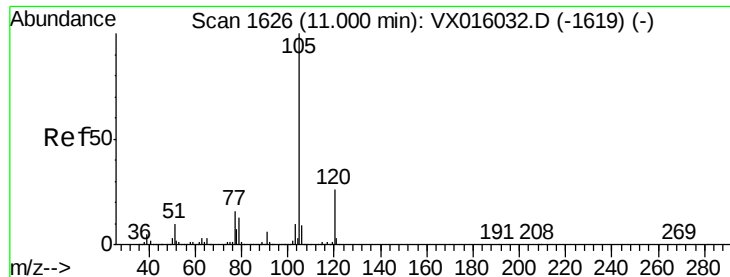
MMDadoda
5/22/2020 4:03:05 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.2	41.3	124.1
150	171.8	0.0	352.2





#73

Isopropylbenzene

Concen: 45.445 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 618364

Ion Ratio Lower Upper

105 100

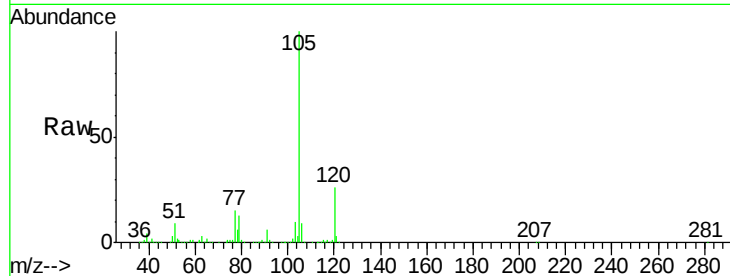
120 26.9 13.4 40.2

Manual Integrations

APPROVED

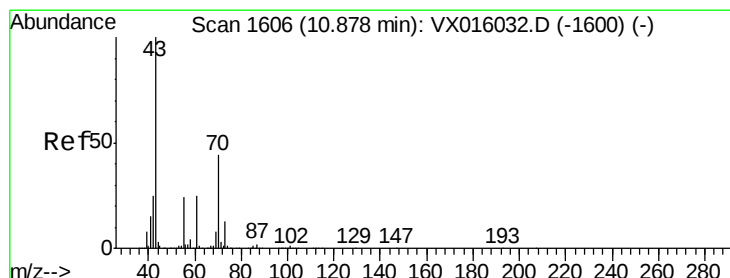
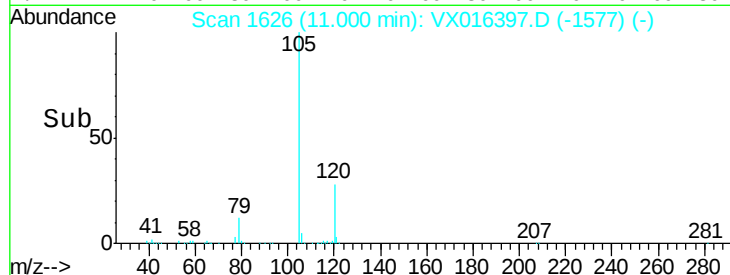
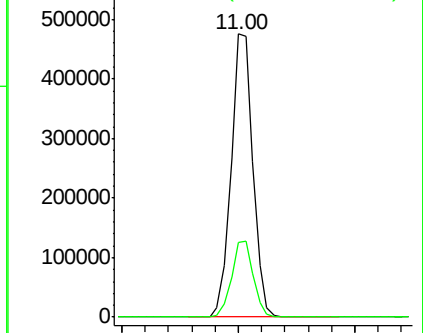
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.906 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion: 43 Resp: 259625

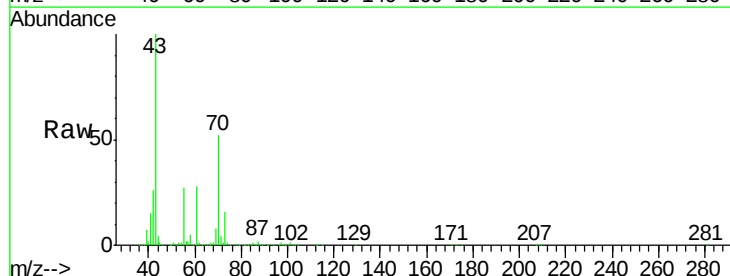
Ion Ratio Lower Upper

43 100

70 50.2 36.5 54.7

55 26.6 19.7 29.5

61 28.1 20.9 31.3

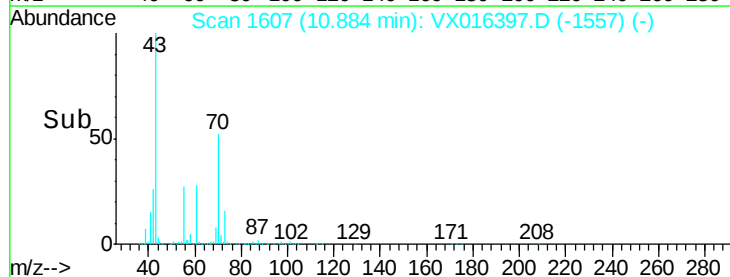
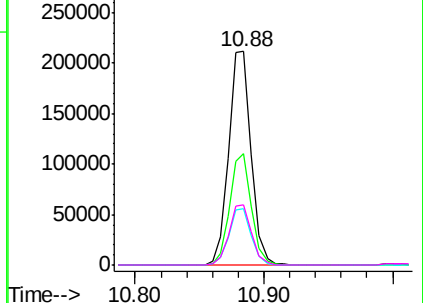


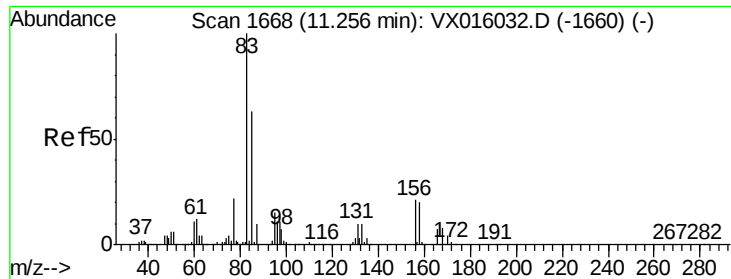
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 59.877 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

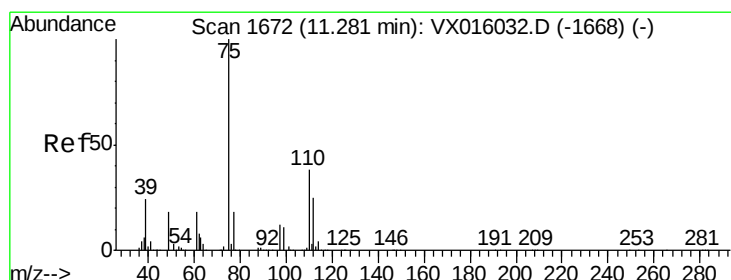
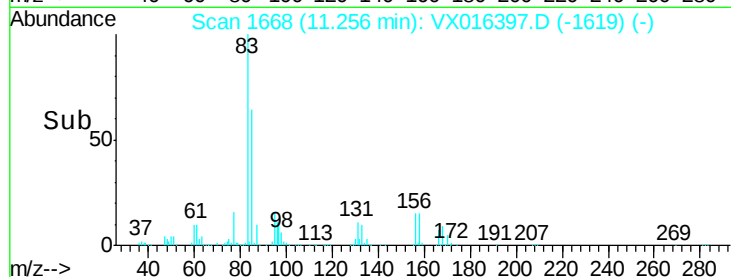
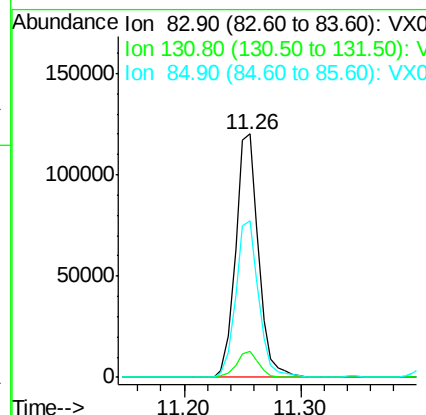
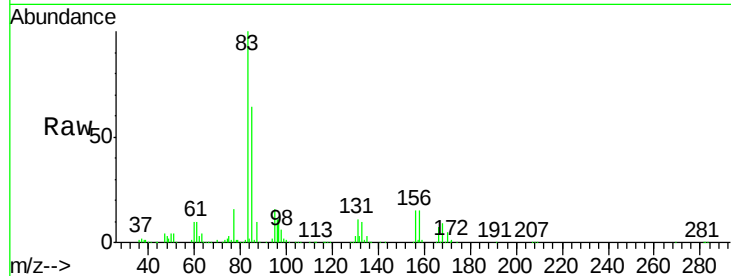
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	164061
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.2	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 44.525 ug/l m

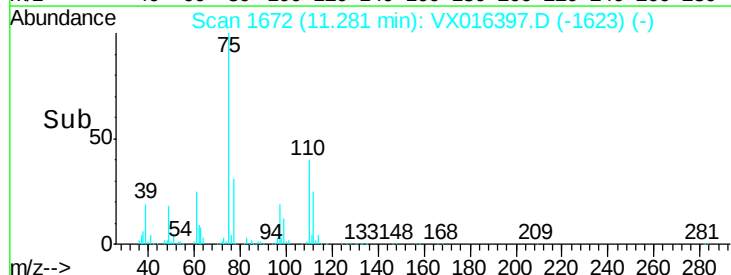
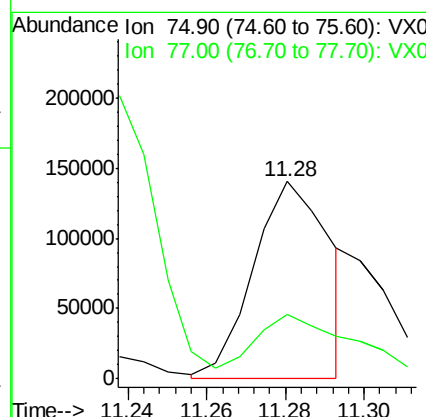
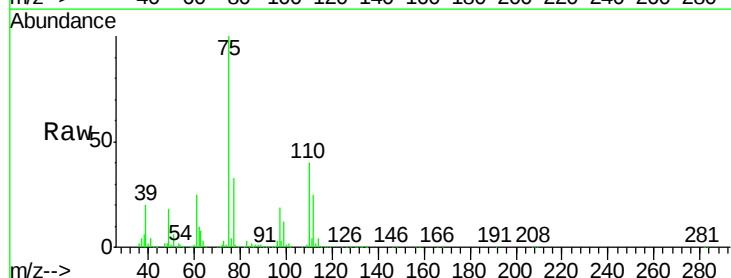
RT: 11.28 min Scan# 1672

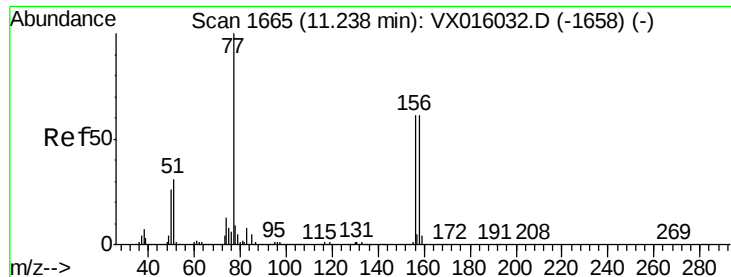
Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion:	75	Resp:	189019
Ion Ratio	Lower	Upper	
75	100		
77	43.4	21.2	63.6





#77

Bromobenzene

Concen: 45.549 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

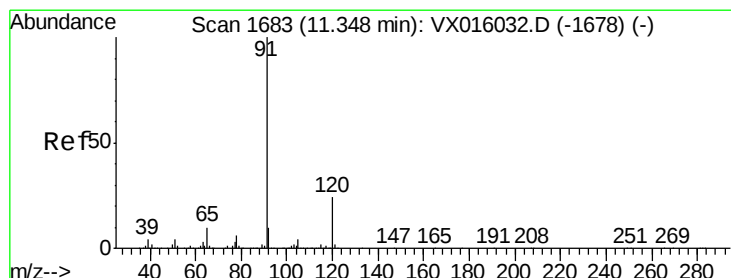
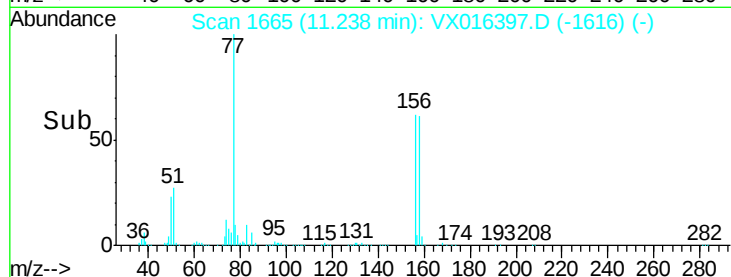
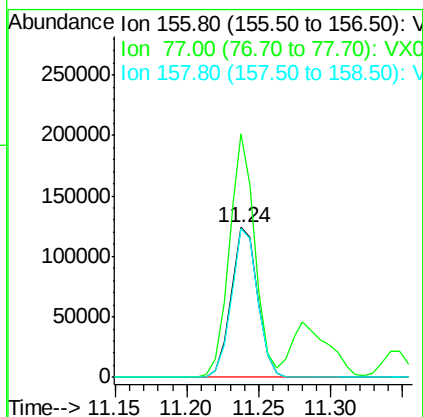
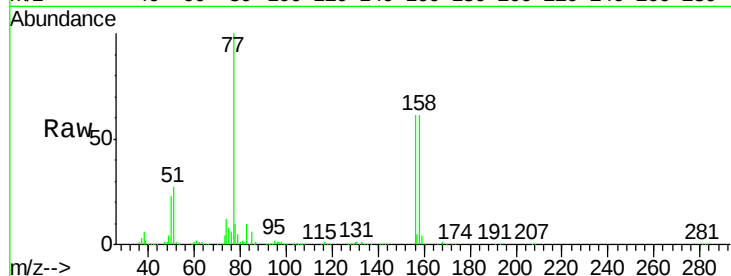
ClientSampled :

VSTDCCC050EC

Tot Ion:	156	Resp:	159978
Ion Ratio	Lower	Upper	
156	100		
77	156.1	80.1	240.3
158	97.8	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 43.915 ug/l

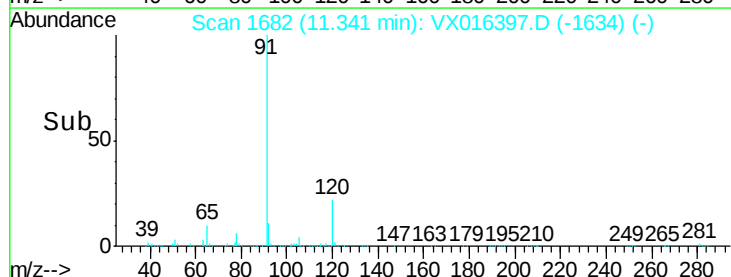
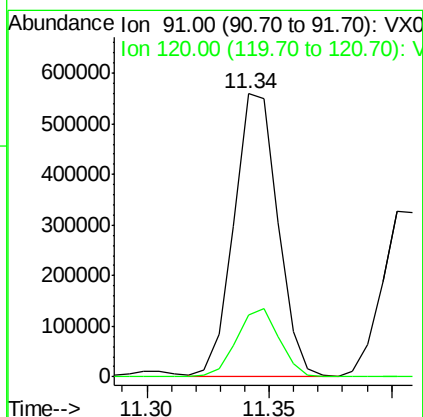
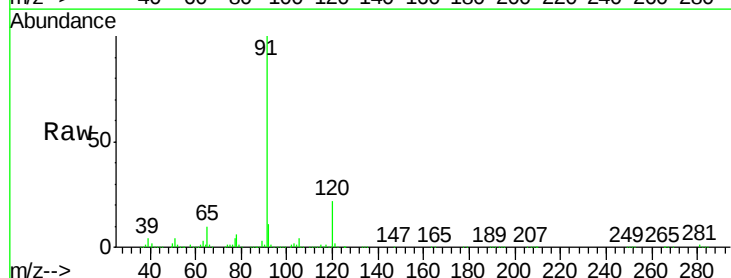
RT: 11.34 min Scan# 1682

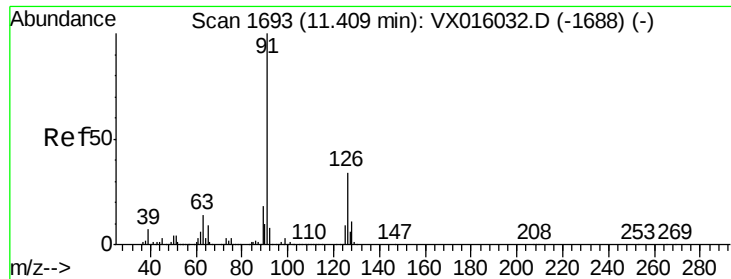
Delta R.T. -0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion:	91	Resp:	695153
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.5





#79

2-Chlorotoluene

Concen: 45.625 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 426312

Ion Ratio Lower Upper

91 100

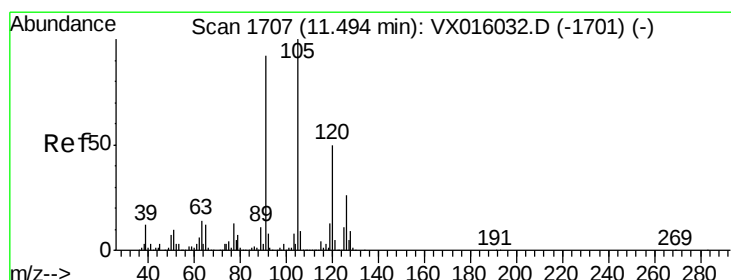
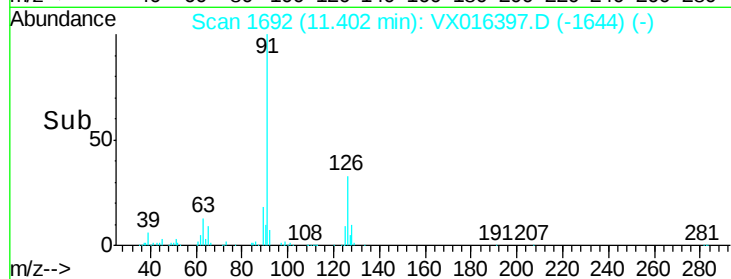
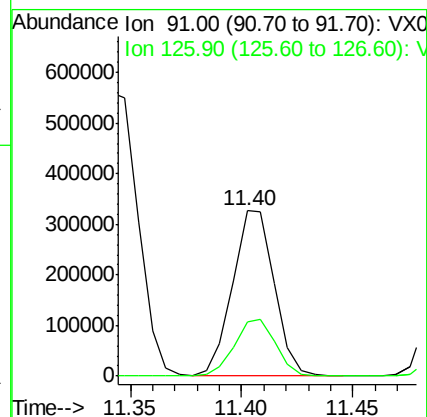
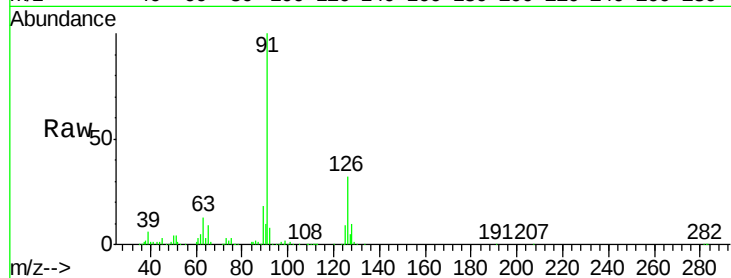
126 33.8 16.9 50.6

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#80

1,3,5-Trimethylbenzene

Concen: 45.522 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016397.D

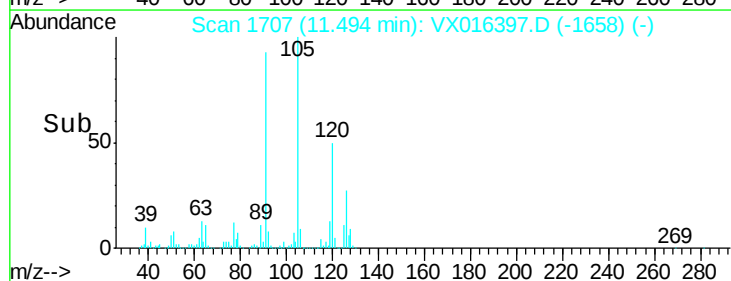
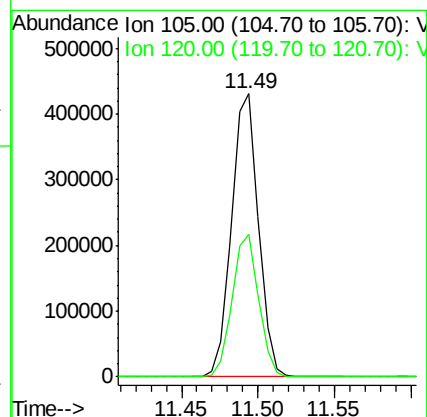
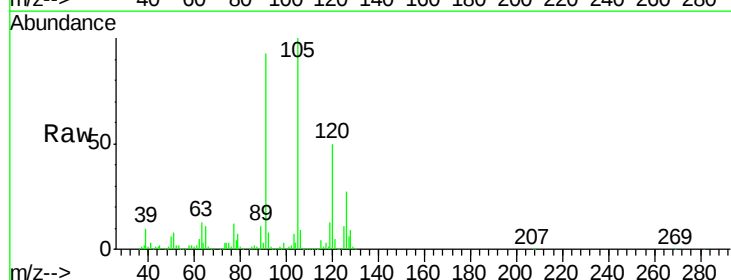
Acq: 21 May 2020 20:20

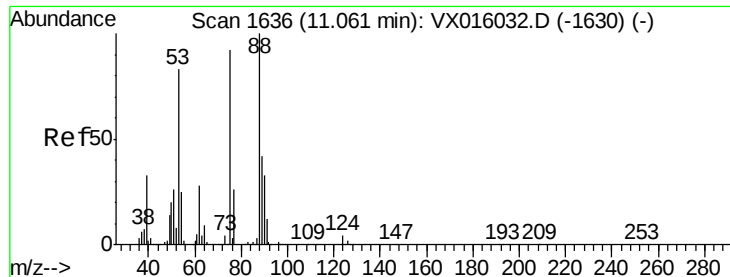
Tgt Ion: 105 Resp: 522996

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





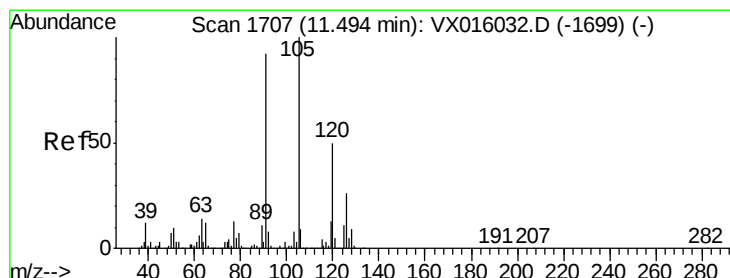
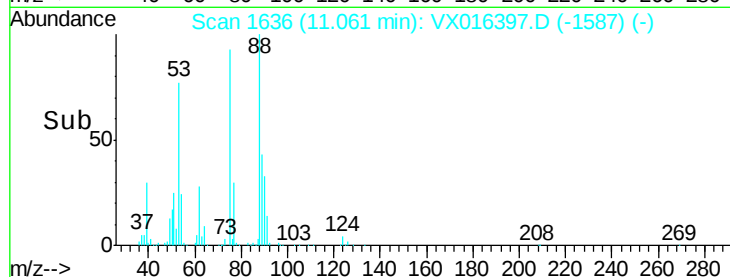
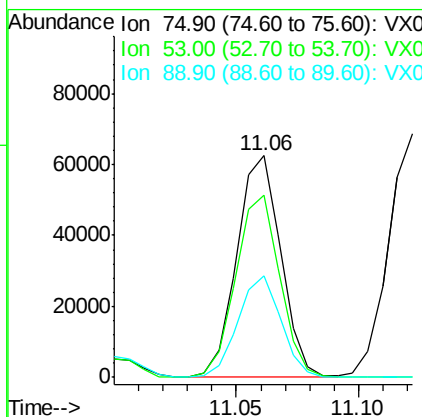
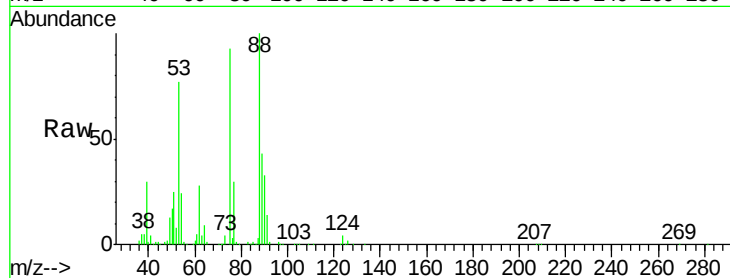
#81
trans-1,4-Dichloro-2-butene
Concen: 43.562 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.9	73.1	109.7
89	45.3	36.7	55.1

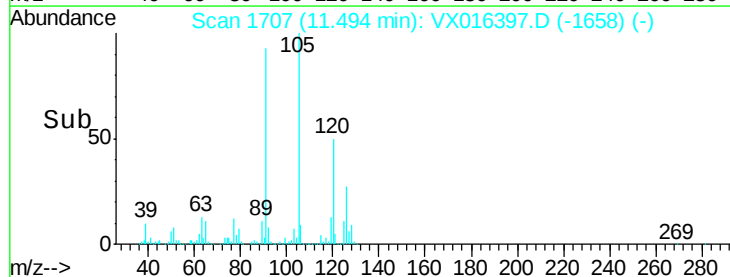
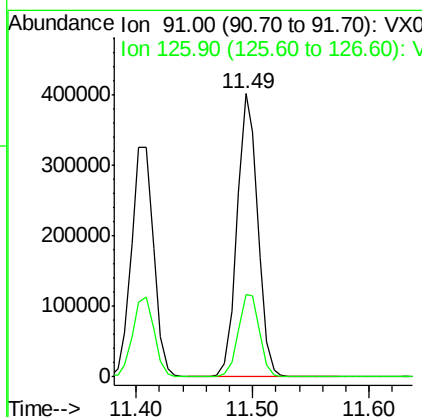
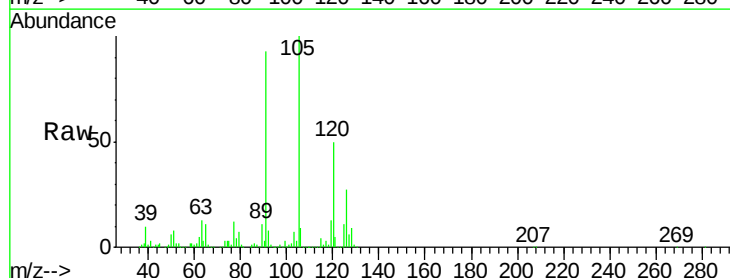
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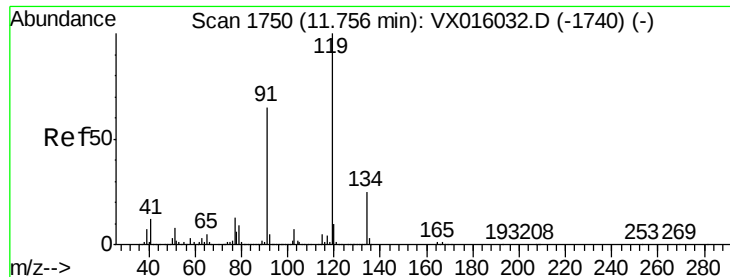
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#82
4-Chlorotoluene
Concen: 45.111 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.8	44.3





#83

tert-Butylbenzene

Concen: 44.933 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

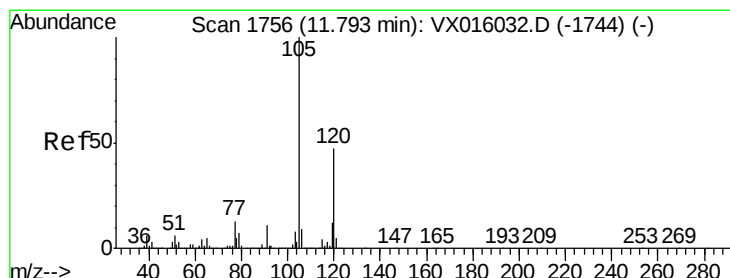
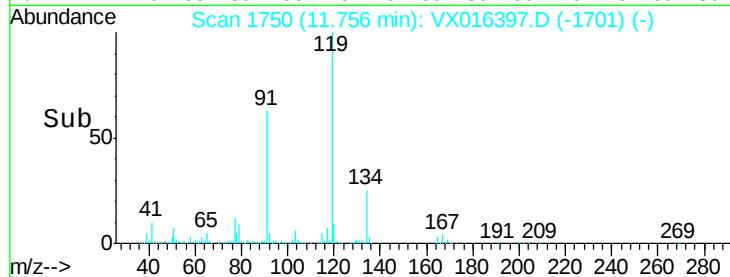
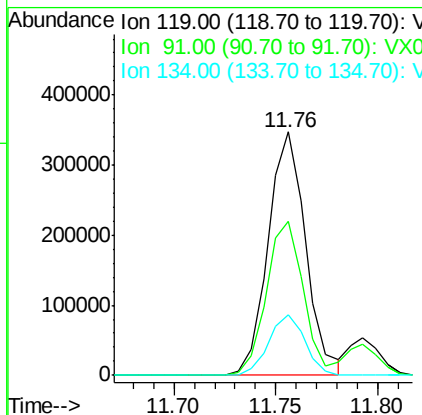
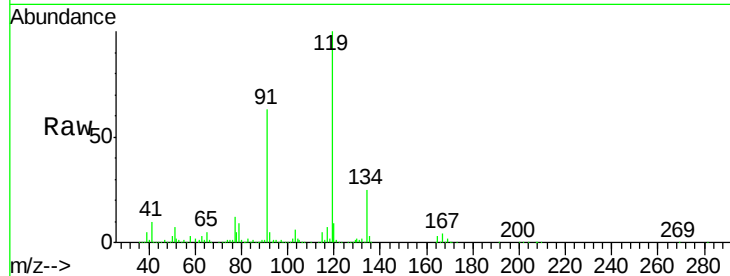
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		444881		
91	62.0	32.8	98.4		
134	24.2	12.4	37.0		

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#84

1,2,4-Trimethylbenzene

Concen: 45.686 ug/l

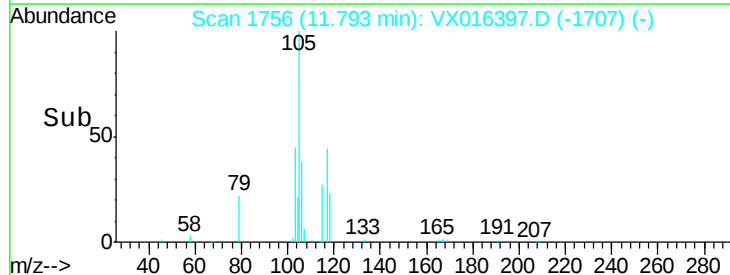
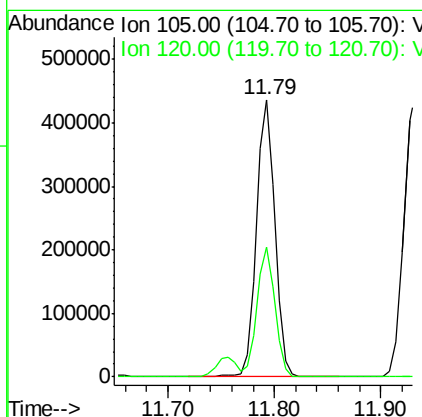
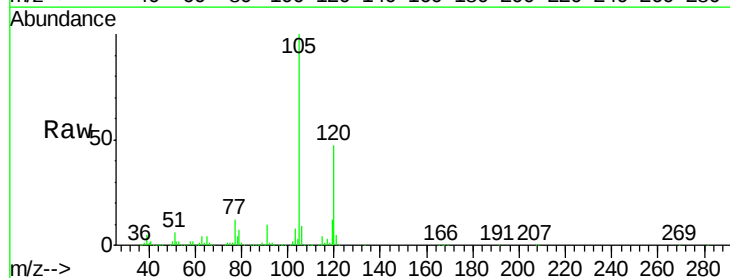
RT: 11.79 min Scan# 1756

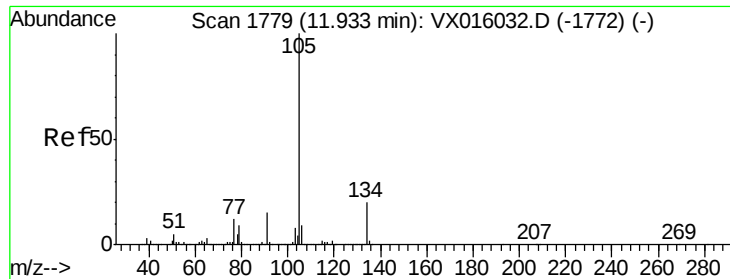
Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		530650		
120	45.7	23.0	69.0		





#85

sec-Butylbenzene

Concen: 40.722 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 544381

Ion Ratio Lower Upper

105 100

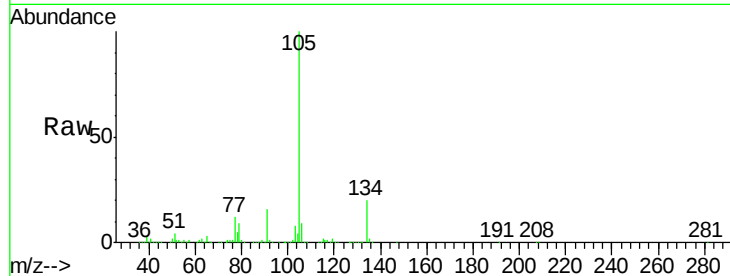
134 20.5 10.1 30.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

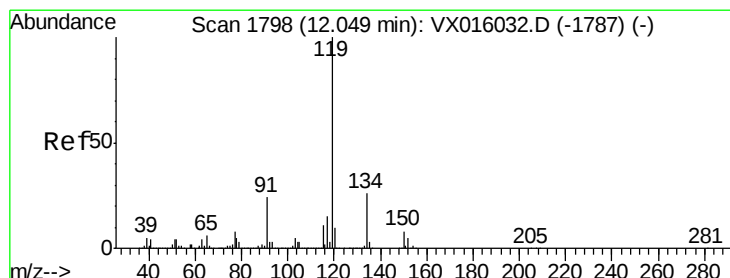
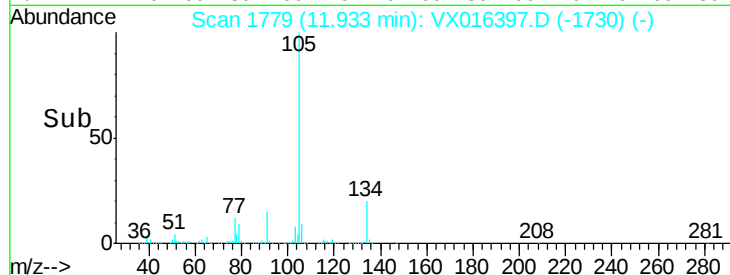
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 41.654 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

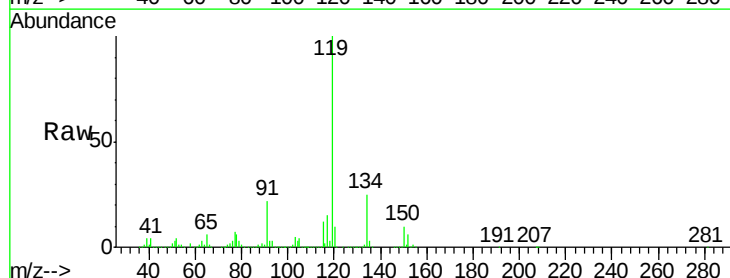
Tgt Ion:119 Resp: 516989

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 22.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

600000

500000

400000

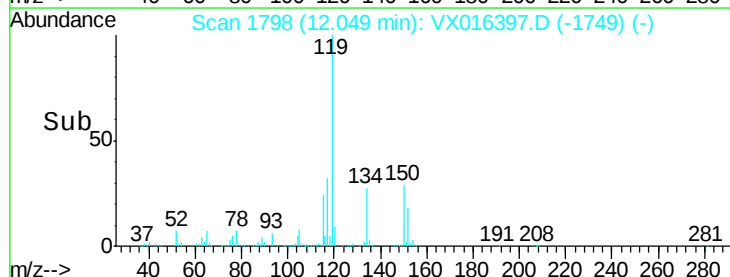
300000

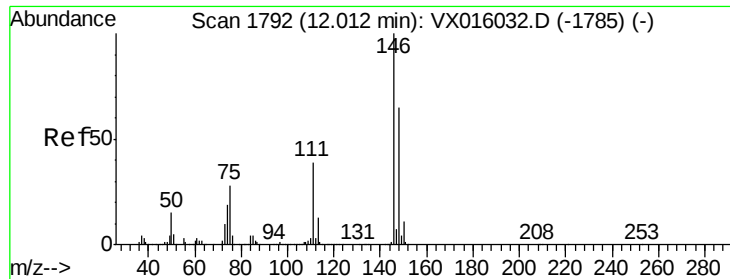
200000

100000

0

Time-->





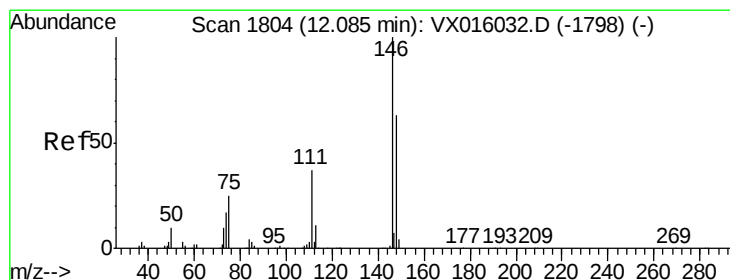
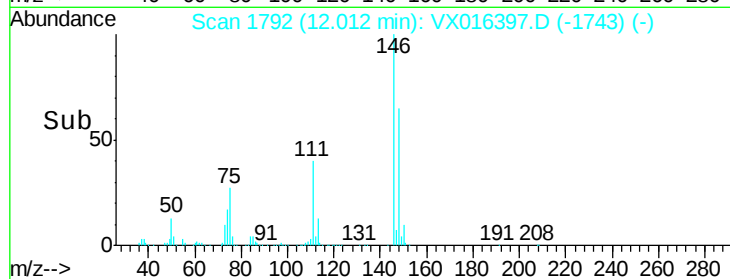
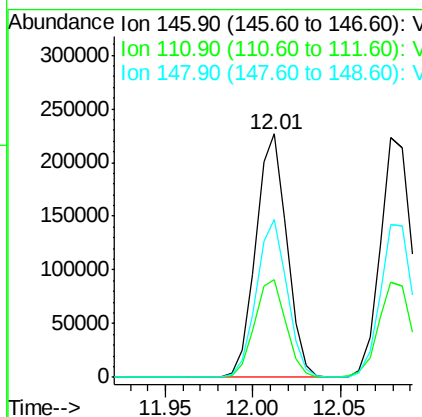
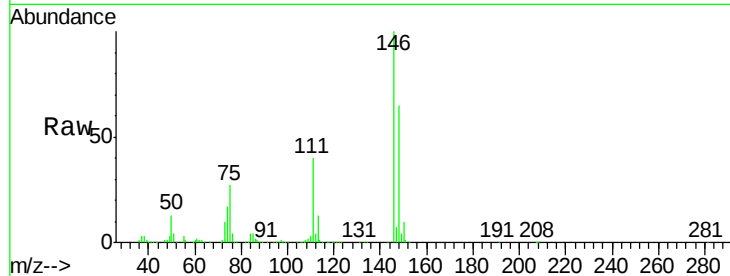
#87
 1,3-Dichlorobenzene
 Concen: 44.344 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	64.3	32.1	96.3

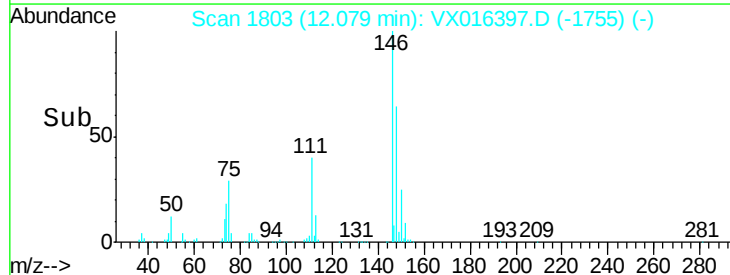
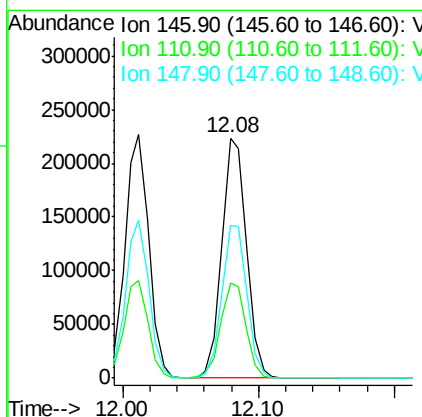
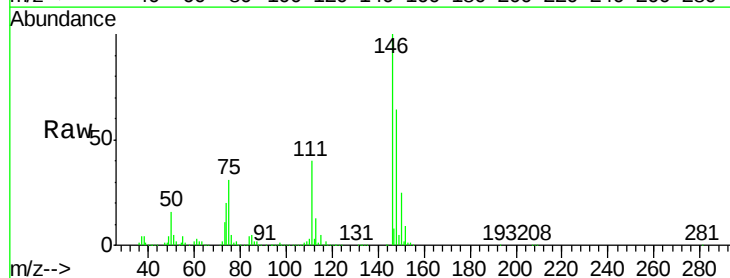
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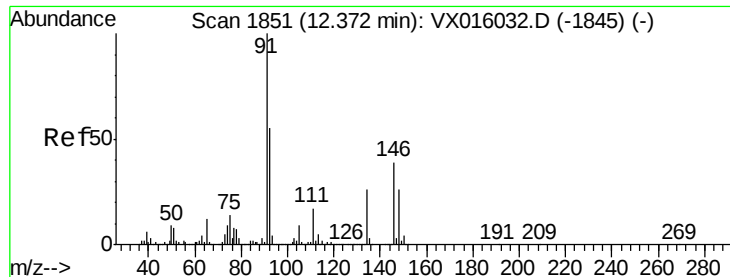
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#88
 1,4-Dichlorobenzene
 Concen: 43.889 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.7
148	64.5	31.8	95.3





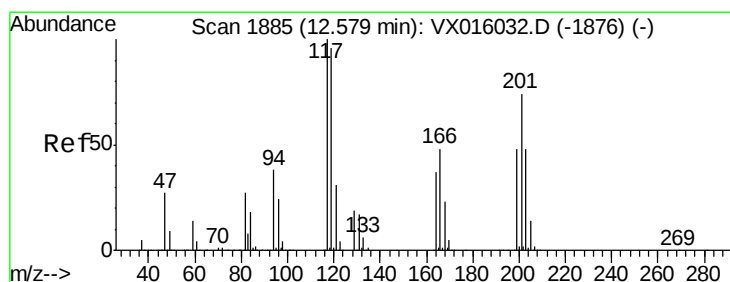
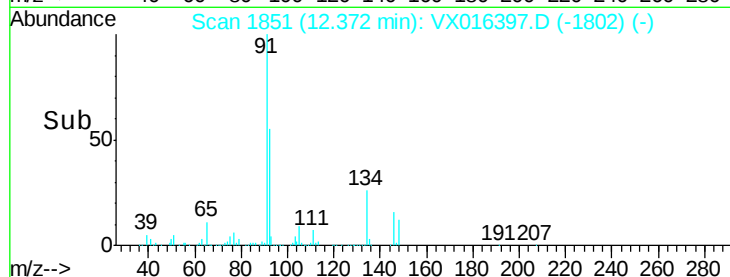
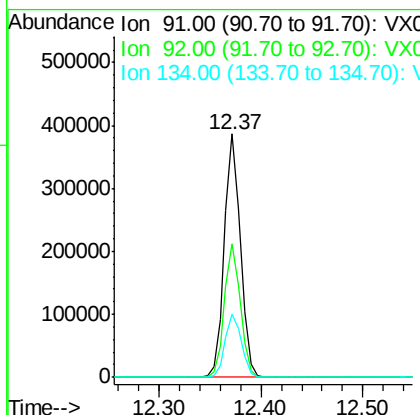
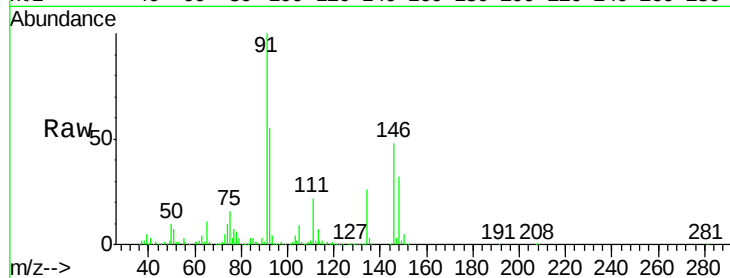
#89
n-Butylbenzene
Concen: 37.453 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.7
134	26.6	13.4	40.1

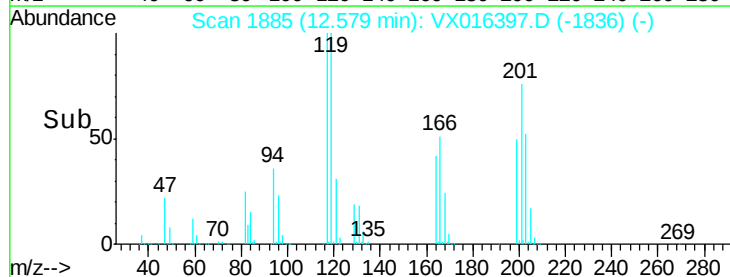
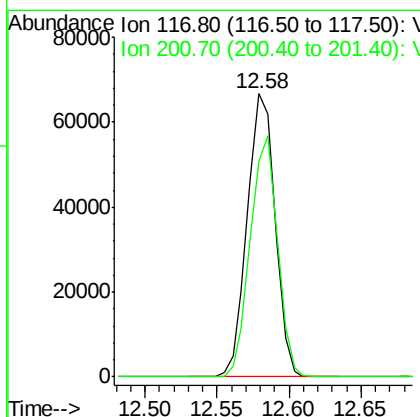
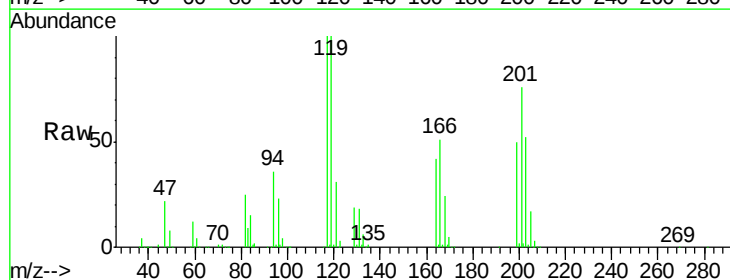
Manual Integrations
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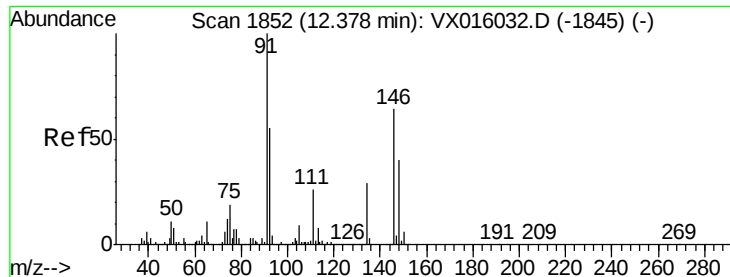
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#90
Hexachloroethane
Concen: 41.758 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.0	39.8	119.3





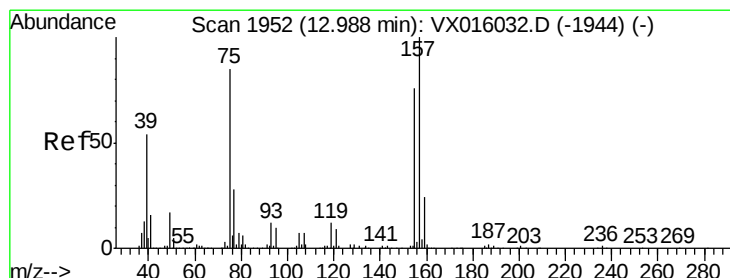
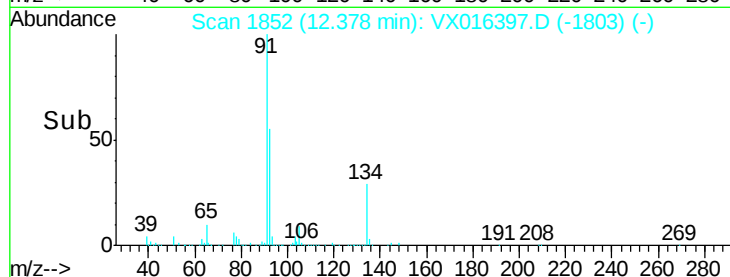
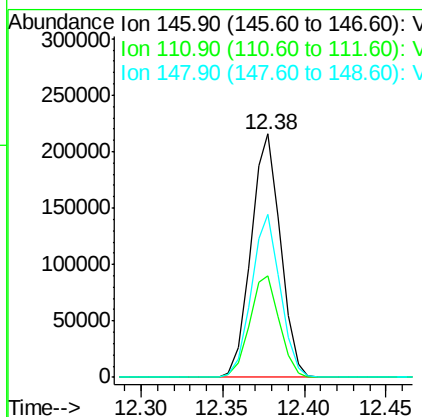
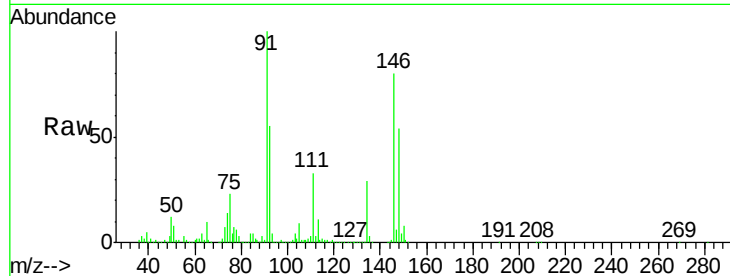
#91
 1,2-Dichlorobenzene
 Concen: 44.664 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	271213		
111	42.2	21.1	63.1	
148	65.4	32.4	97.0	

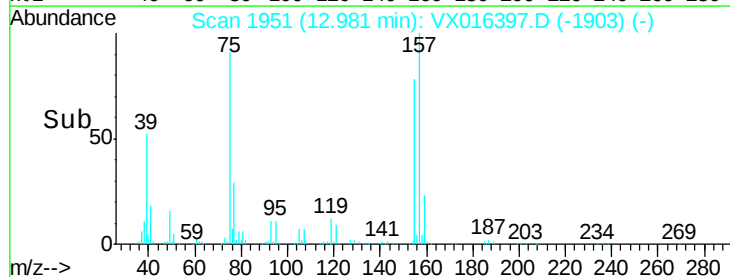
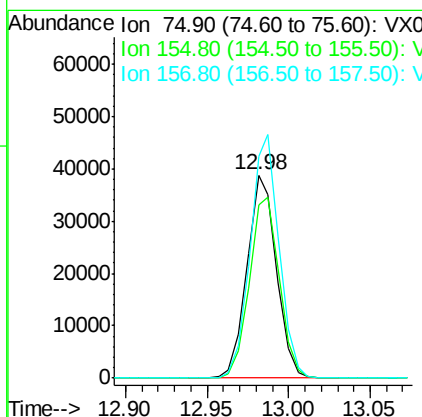
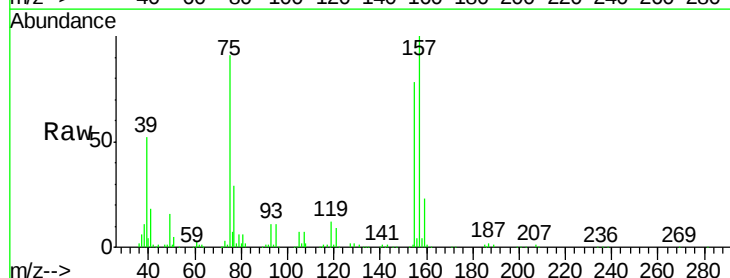
Manual Integrations
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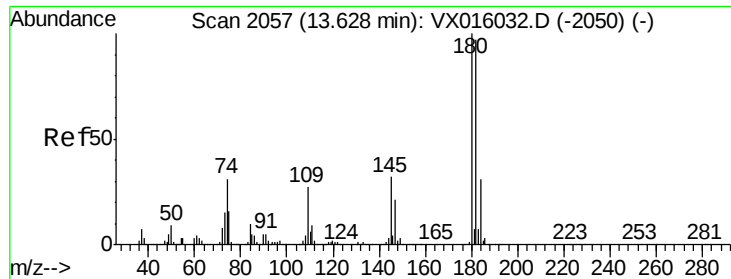
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.660 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48849		
155	90.7	42.5	127.5	
157	117.4	55.3	165.8	





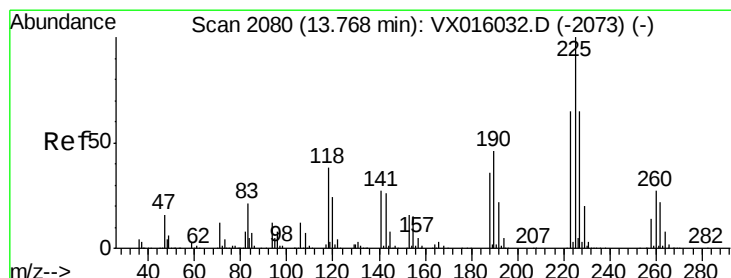
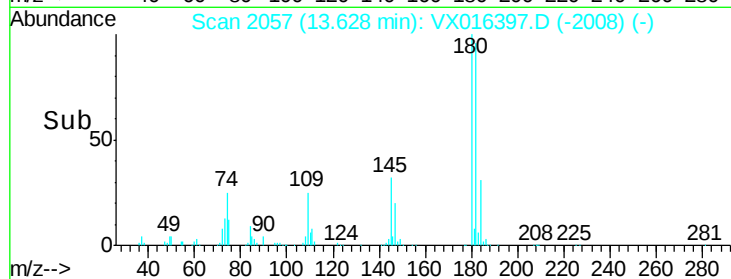
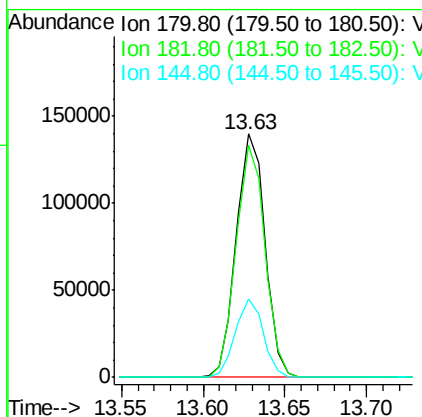
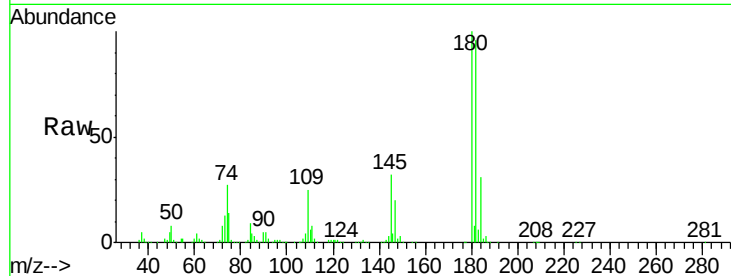
#93
 1,2,4-Trichlorobenzene
 Concen: 38.450 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	172860		
182	95.4	48.7	146.1	
145	31.4	15.7	47.1	

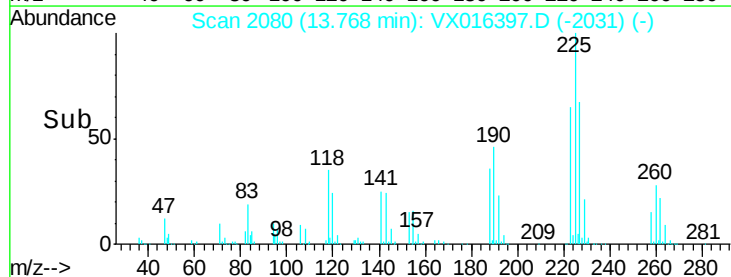
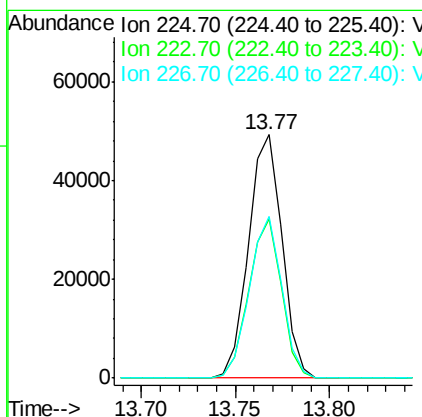
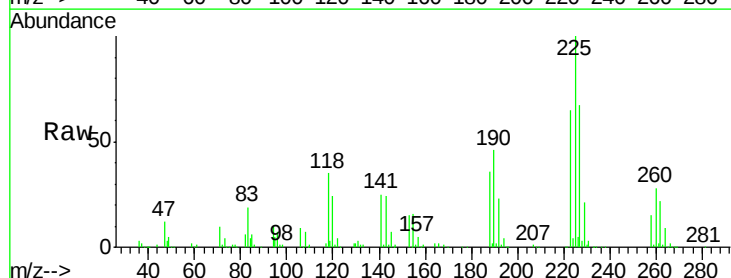
Manual Integrations
 APPROVED

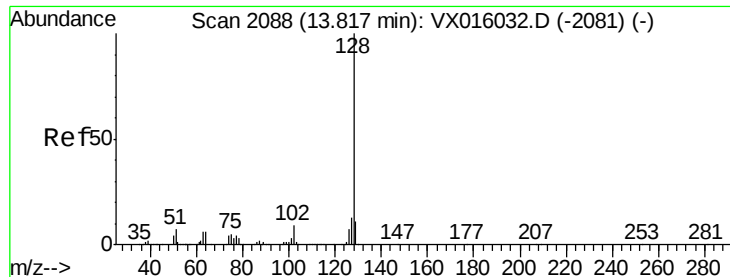
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#94
 Hexachlorobutadiene
 Concen: 31.600 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60796		
223	63.7	32.3	96.9	
227	64.5	31.8	95.4	





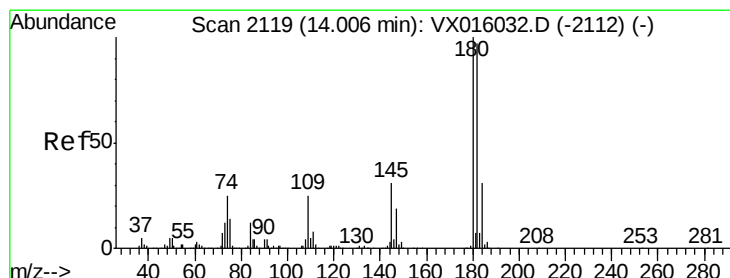
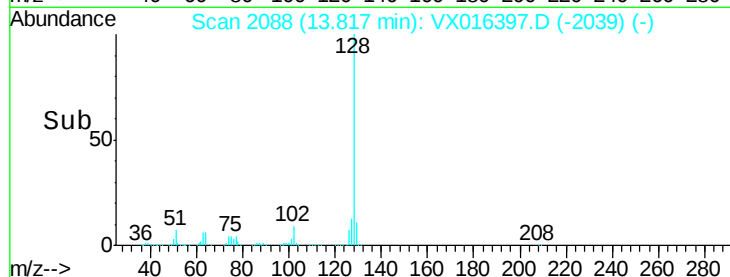
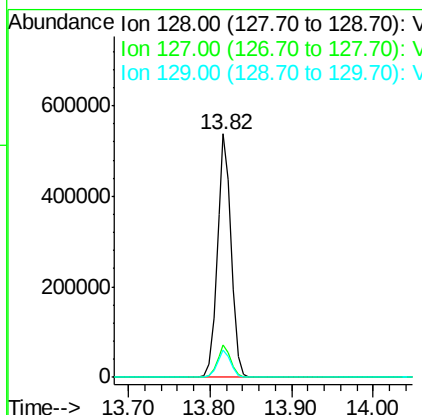
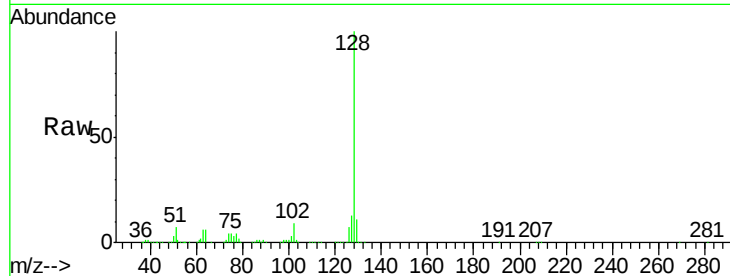
#95
Naphthalene
Concen: 43.867 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	638576		
127	12.9		10.2	15.4
129	11.1		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 39.125 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	171903		
182	96.8		48.4	145.0
145	33.0		16.4	49.1

