

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051920\
 Data File : VX016322.D
 Acq On : 19 May 2020 10:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:11:52 PM

Quant Time: May 20 04:06:12 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	5.63	168	254746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	400379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188568	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	149312	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	5.46	113	123032	48.50	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.70	98	484986	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.12	95	191594	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	146994	54.515	ug/l	100
3) Chloromethane	1.31	50	145436	46.444	ug/l	99
4) Vinyl Chloride	1.39	62	169465	50.724	ug/l	100
5) Bromomethane	1.62	94	67085	39.829	ug/l	99
6) Chloroethane	1.70	64	100292	49.337	ug/l	100
7) Trichlorofluoromethane	1.92	101	225492	51.410	ug/l	98
8) Diethyl Ether	2.17	74	91429	49.473	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129930	51.345	ug/l	99
10) Methyl Iodide	2.49	142	100730	29.634	ug/l	99
11) Tert butyl alcohol	3.01	59	180312	212.711	ug/l	100
12) 1,1-Dichloroethene	2.36	96	128795	48.637	ug/l	97
13) Acrolein	2.27	56	156440	294.918	ug/l	99
14) Allyl chloride	2.70	41	225284	46.398	ug/l	95
15) Acrylonitrile	3.11	53	427679	243.203	ug/l	99
16) Acetone	2.42	43	352150	235.439	ug/l	95
17) Carbon Disulfide	2.55	76	359077	45.133	ug/l	99
18) Methyl Acetate	2.75	43	183127	49.795	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	481758	52.773	ug/l	99
20) Methylene Chloride	2.83	84	150653	48.859	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	146838	49.759	ug/l	94
22) Diisopropyl ether	3.82	45	462136	50.451	ug/l	90
23) Vinyl Acetate	3.78	43	1990151	246.951	ug/l	100
24) 1,1-Dichloroethane	3.67	63	265341	51.783	ug/l	98
25) 2-Butanone	4.63	43	556360	230.835	ug/l	96
26) 2,2-Dichloropropane	4.55	77	241966	51.706	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	168858	52.341	ug/l	96
28) Bromochloromethane	4.98	49	108675	46.511	ug/l	93
29) Tetrahydrofuran	5.09	42	368080	230.481	ug/l	96
30) Chloroform	5.17	83	266847	52.303	ug/l	99
31) Cyclohexane	5.54	56	221280	47.517	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	243069	52.413	ug/l	98
36) 1,1-Dichloropropene	5.77	75	204833	51.973	ug/l	99
37) Ethyl Acetate	4.79	43	217042	47.514	ug/l	98
38) Carbon Tetrachloride	5.75	117	213190	53.219	ug/l	95

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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	204156	43.014	ug/l	98
40) Benzene	6.11	78	616401	53.453	ug/l	100
41) Methacrylonitrile	5.00	41	122690	49.734	ug/l	98
42) 1,2-Dichloroethane	6.16	62	209175	50.354	ug/l	98
43) Isopropyl Acetate	6.41	43	355163	48.731	ug/l	97
44) Trichloroethene	7.19	130	201986	49.304	ug/l	97
45) 1,2-Dichloropropane	7.49	63	160264	54.924	ug/l	100
46) Dibromomethane	7.63	93	104578	52.739	ug/l	99
47) Bromodichloromethane	7.87	83	221744	54.907	ug/l	100
48) Methyl methacrylate	7.74	41	169619	49.115	ug/l	94
49) 1,4-Dioxane	7.71	88	72593	876.438	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1120239	251.174	ug/l	96
52) Toluene	8.76	92	398707	55.469	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	262533	54.522	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	275276	54.732	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	159470	56.390	ug/l	99
56) Ethyl methacrylate	9.16	69	256478	55.561	ug/l	92
57) 1,3-Dichloropropane	9.35	76	272139	55.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	634747	258.288	ug/l	98
59) 2-Hexanone	9.47	43	878112	250.707	ug/l	95
60) Dibromochloromethane	9.57	129	180143	57.838	ug/l	99
61) 1,2-Dibromoethane	9.65	107	167811	54.783	ug/l	99
64) Tetrachloroethene	9.32	164	225860	48.672	ug/l	99
65) Chlorobenzene	10.12	112	427142	53.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	160566	54.886	ug/l	100
67) Ethyl Benzene	10.23	91	760114	53.824	ug/l	99
68) m/p-Xylenes	10.34	106	577461	109.140	ug/l	99
69) o-Xylene	10.68	106	277029	54.470	ug/l	99
70) Styrene	10.70	104	489673	56.752	ug/l	99
71) Bromoform	10.84	173	136285	57.181	ug/l #	100
73) Isopropylbenzene	11.00	105	724122	52.796	ug/l	99
74) N-amyl acetate	10.88	43	316613	49.491	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	171211	61.717	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	226621m	52.961	ug/l	
77) Bromobenzene	11.24	156	185097	52.285	ug/l	99
78) n-propylbenzene	11.34	91	817394	51.229	ug/l	99
79) 2-Chlorotoluene	11.40	91	499182	53.002	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	604693	52.218	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	93931	52.312	ug/l #	91
82) 4-Chlorotoluene	11.49	91	598199	53.786	ug/l	99
83) tert-Butylbenzene	11.76	119	497590	49.860	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	618367	52.818	ug/l	99
85) sec-Butylbenzene	11.93	105	618948	45.934	ug/l	100
86) p-Isopropyltoluene	12.05	119	591786	47.303	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329850	51.892	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	340721	52.811	ug/l	100
89) n-Butylbenzene	12.37	91	495189	43.327	ug/l	99
90) Hexachloroethane	12.58	117	101191	47.097	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	319000	52.119	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54550	48.370	ug/l	96

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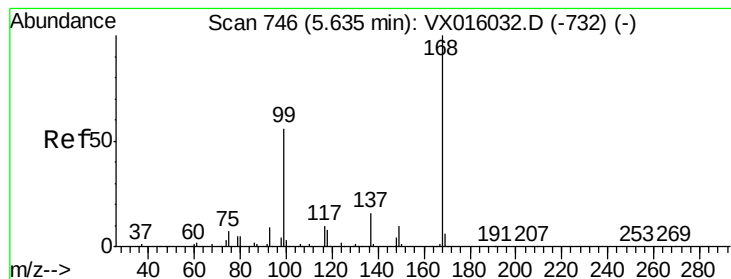
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	209884	46.317	ug/l	99
94) Hexachlorobutadiene	13.77	225	72049	37.061	ug/l	99
95) Naphthalene	13.82	128	734883	50.084	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	203002	45.838	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 254746

Ion Ratio Lower Upper

168 100

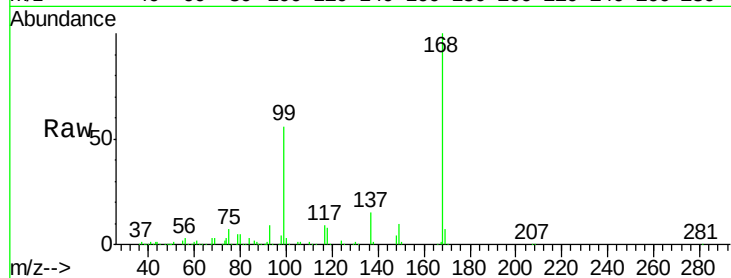
99 56.0 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

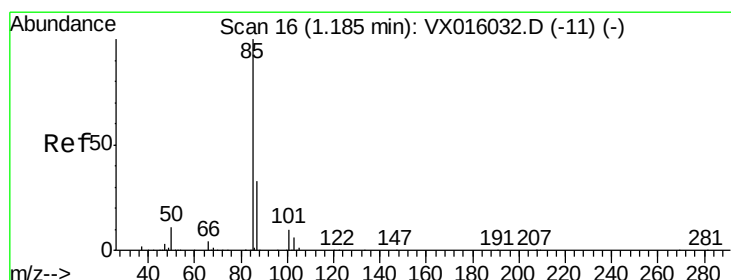
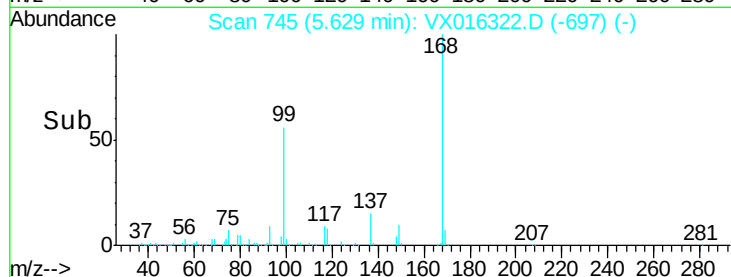
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 54.515 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016322.D

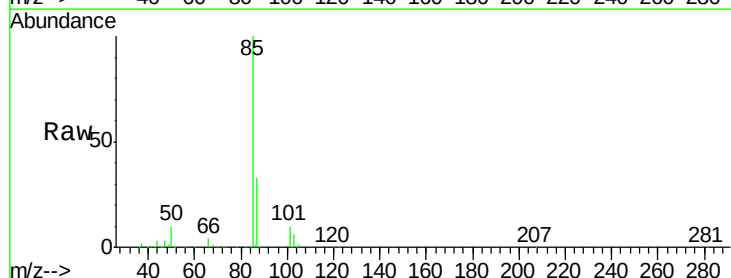
Acq: 19 May 2020 10:01

Tgt Ion: 85 Resp: 146994

Ion Ratio Lower Upper

85 100

87 32.5 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

150000

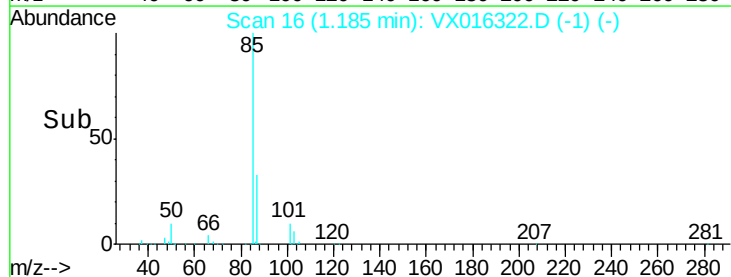
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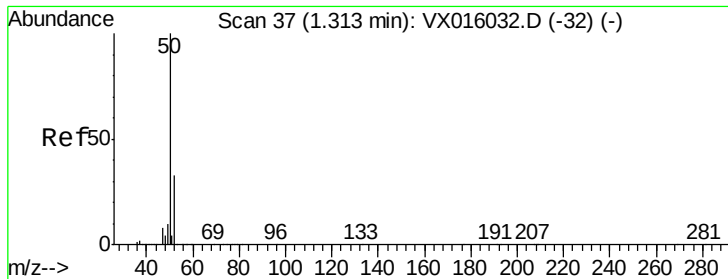
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.444 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 145436

Ion Ratio Lower Upper

50 100

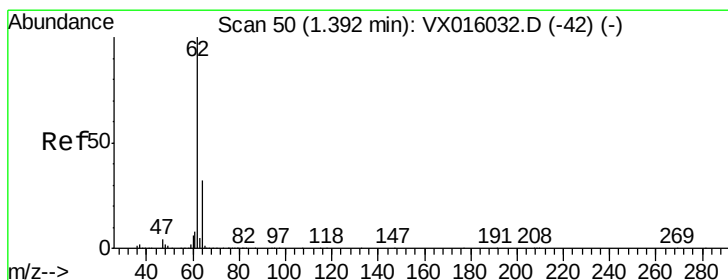
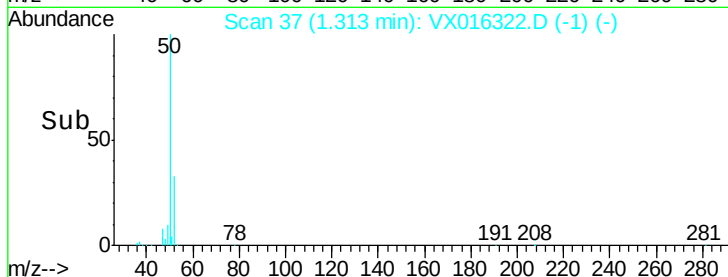
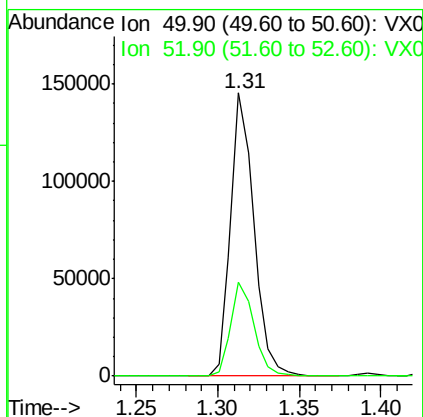
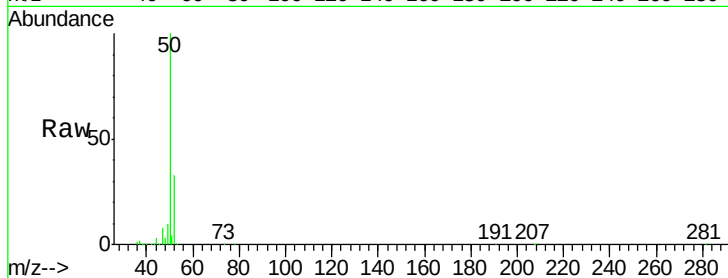
52 33.2 26.1 39.1

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#4

Vinyl Chloride

Concen: 50.724 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016322.D

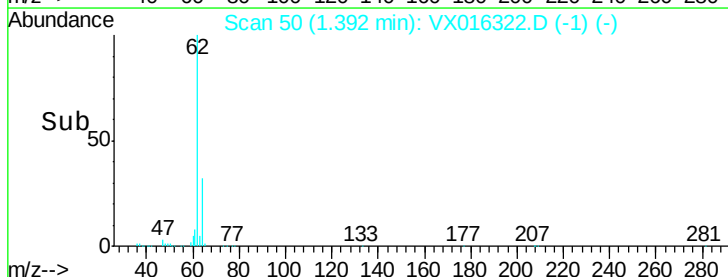
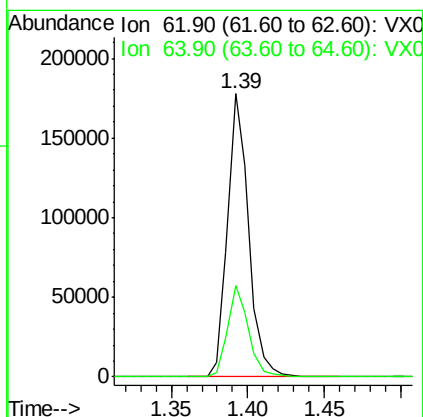
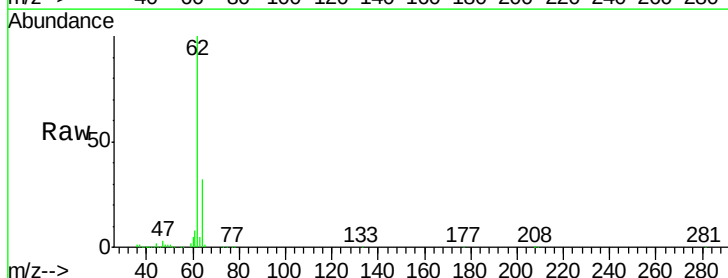
Acq: 19 May 2020 10:01

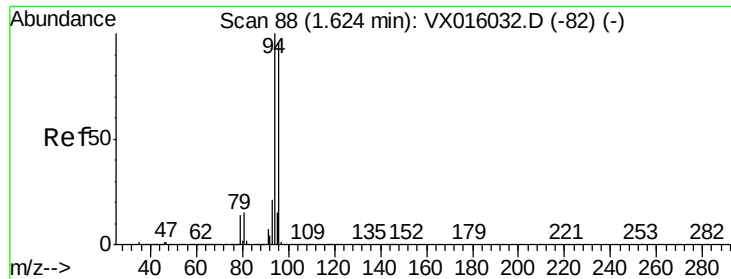
Tgt Ion: 62 Resp: 169465

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 39.829 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 67085

Ion Ratio Lower Upper

94 100

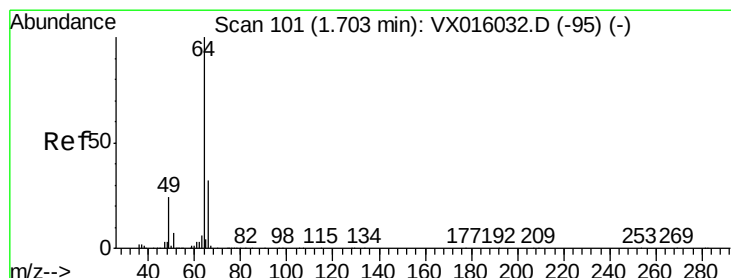
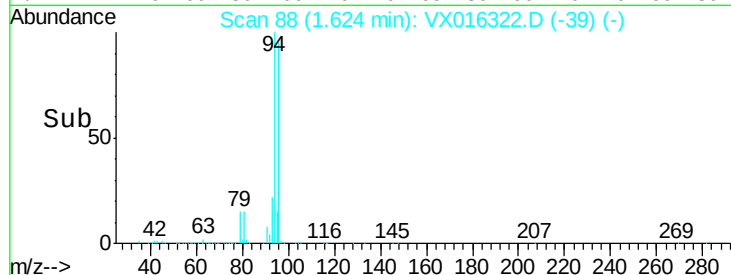
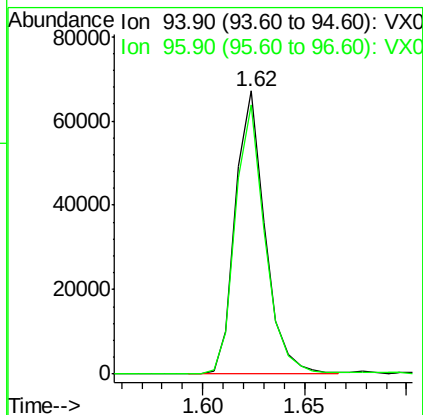
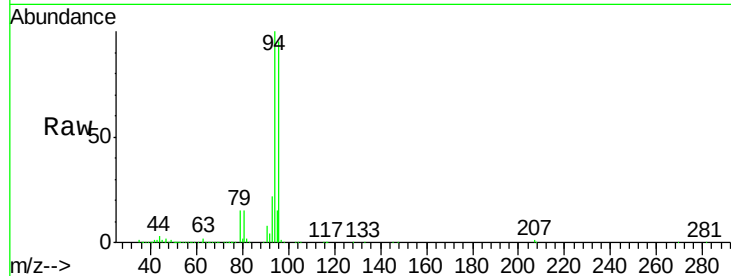
96 95.2 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 49.337 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016322.D

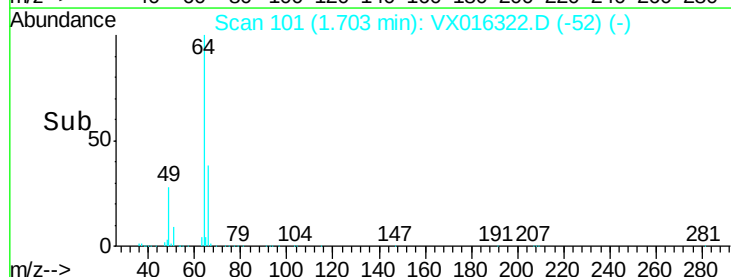
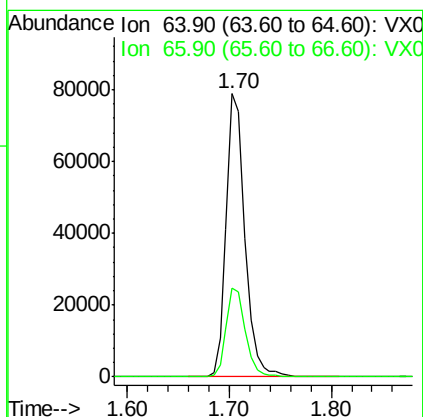
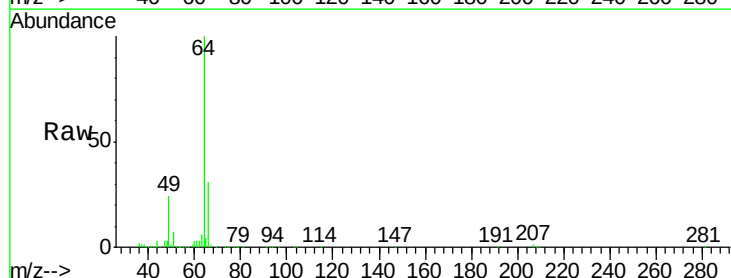
Acq: 19 May 2020 10:01

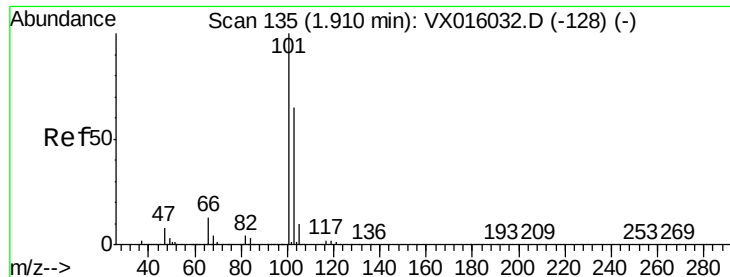
Tgt Ion: 64 Resp: 100292

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8





#7

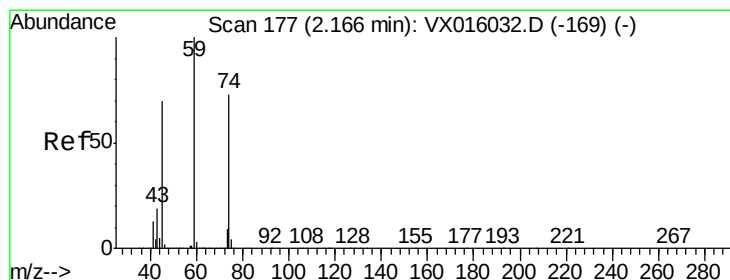
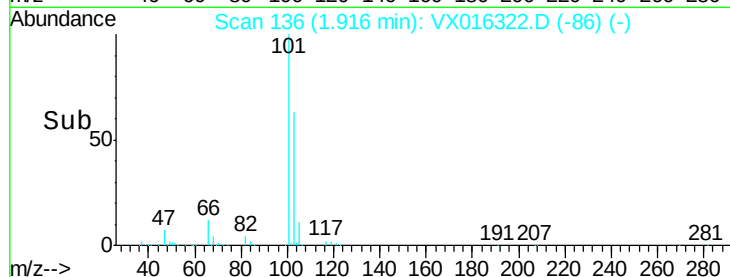
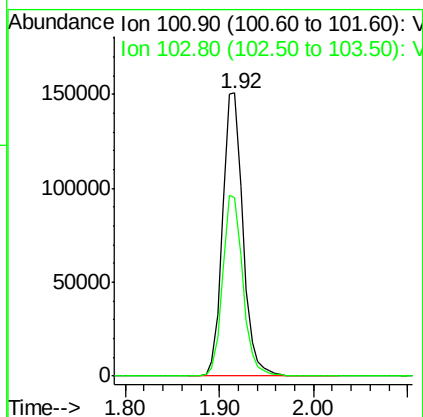
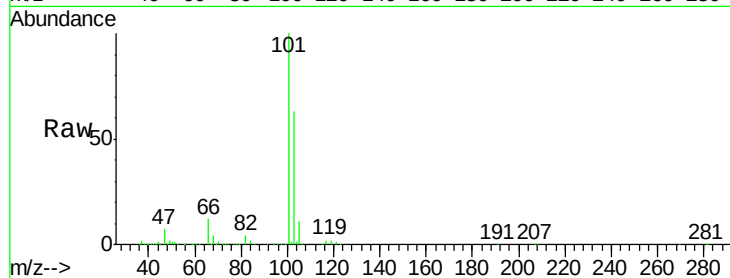
Trichlorofluoromethane
Concen: 51.410 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.8	77.6

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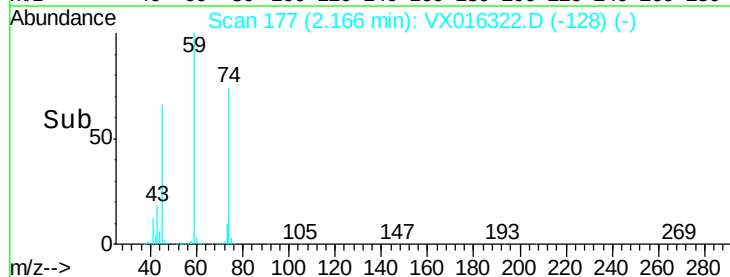
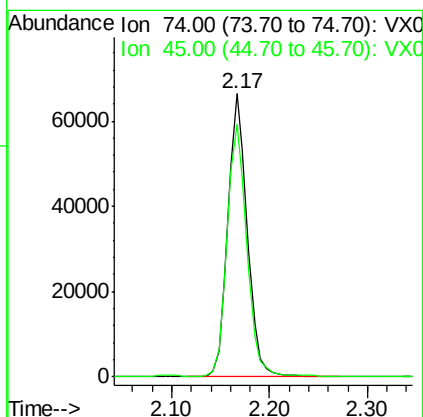
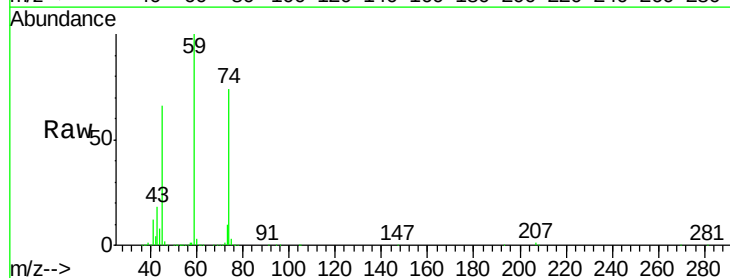
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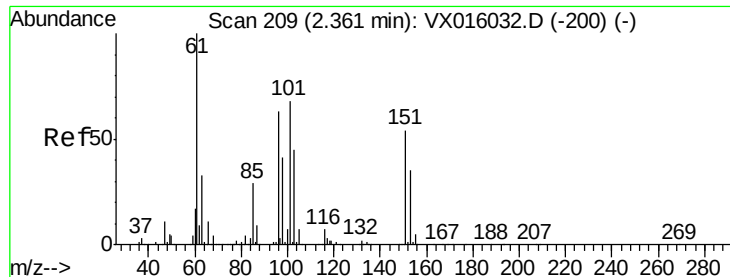


#8

Diethyl Ether
Concen: 49.473 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.345 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

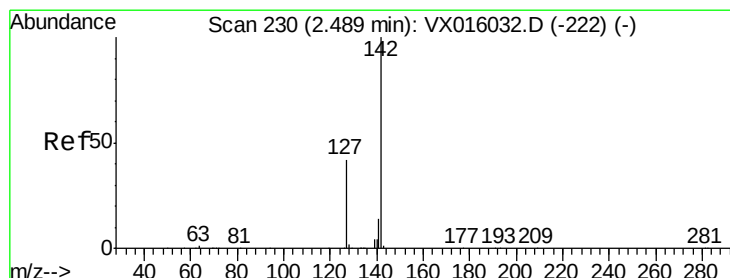
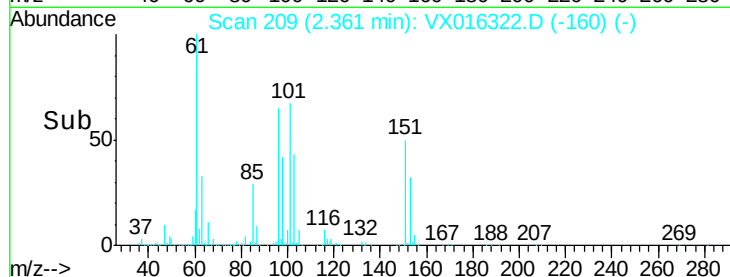
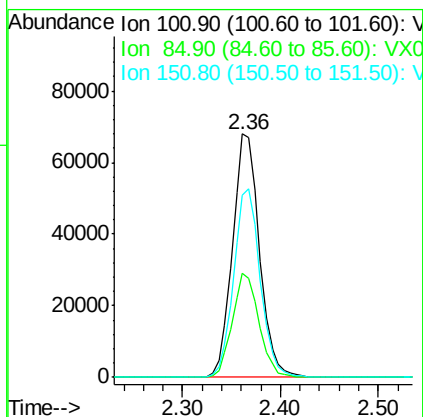
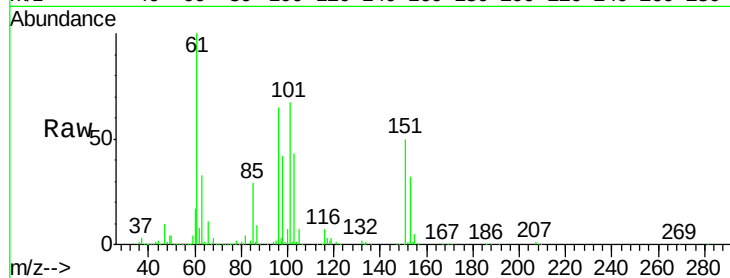
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	129930
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.4
151	76.4	62.1	93.1

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#10

Methyl Iodide

Concen: 29.634 ug/l

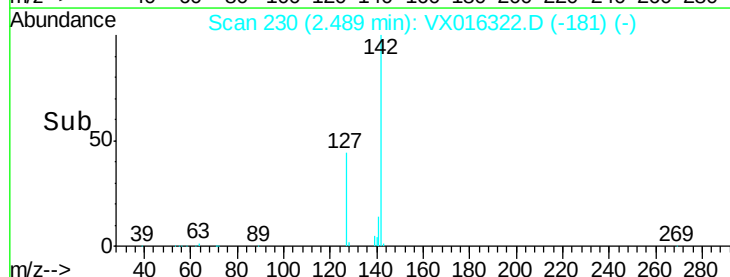
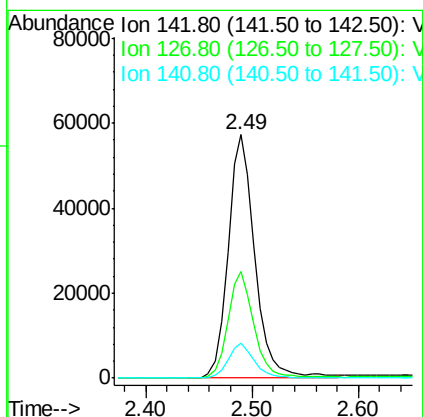
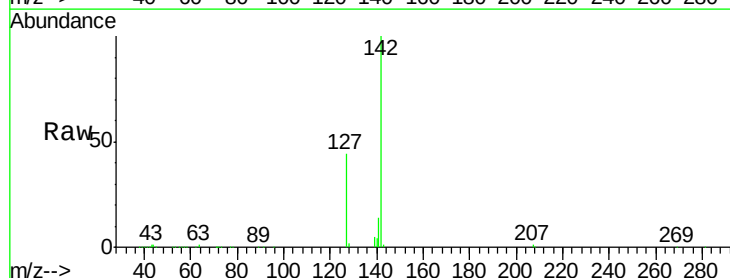
RT: 2.49 min Scan# 230

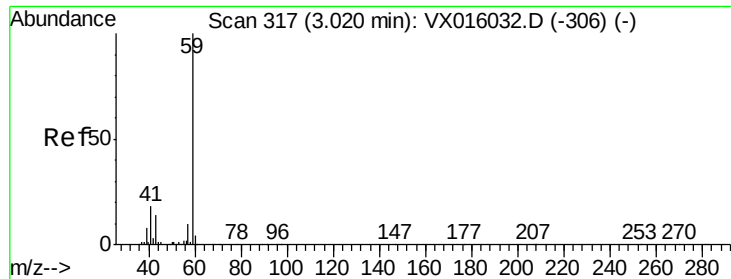
Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Tgt Ion:	142	Resp:	100730
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.6	52.0
141	13.9	11.3	16.9





#11

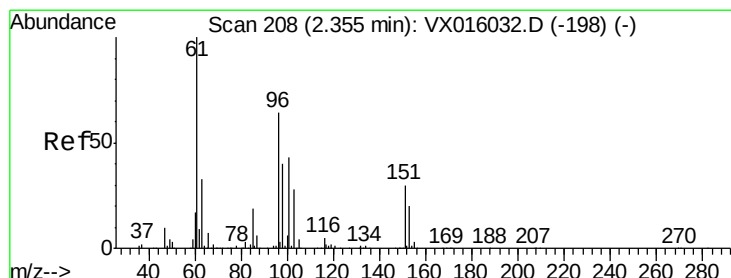
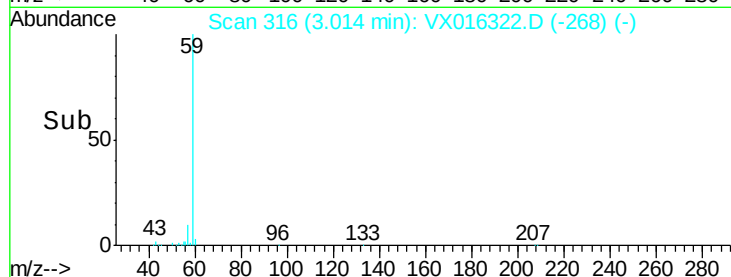
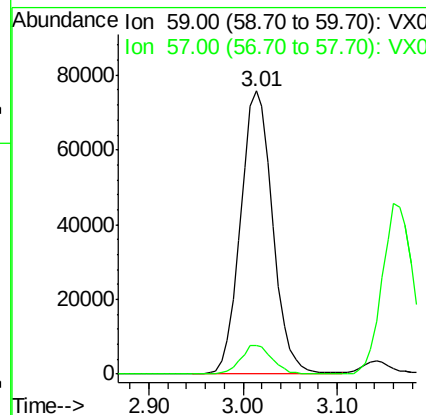
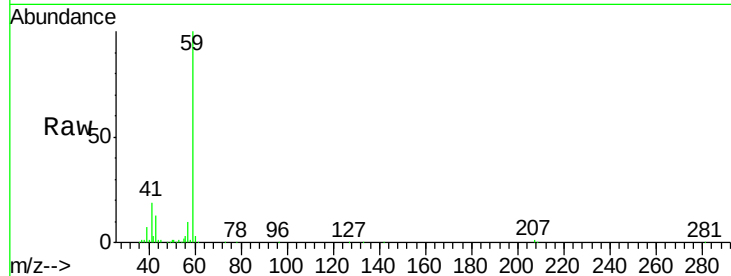
Tert butyl alcohol
 Concen: 212.711 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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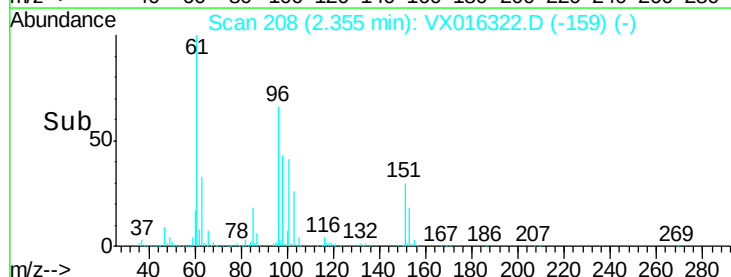
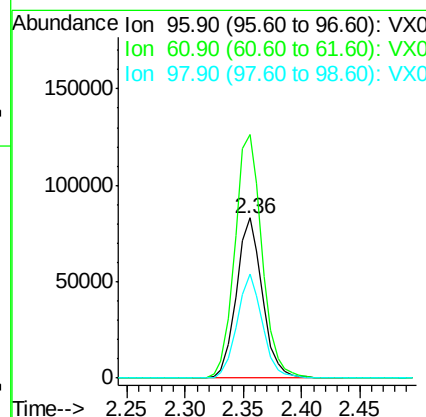
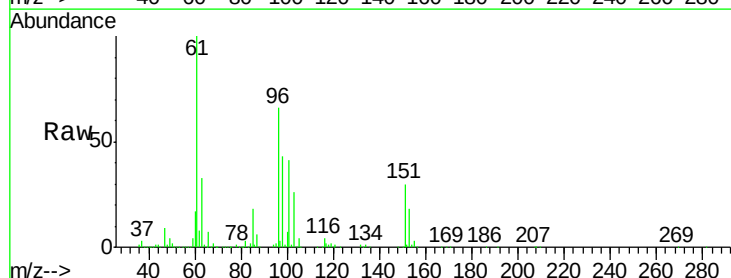
MMDadoda
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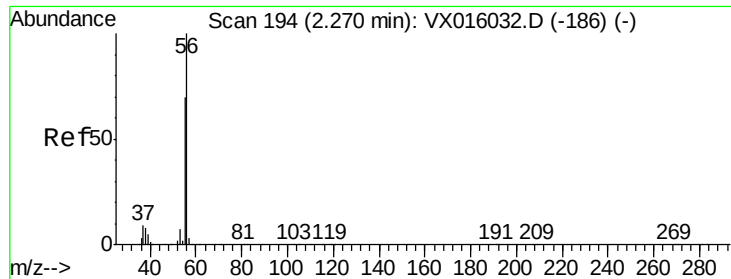


#12

1,1-Dichloroethene
 Concen: 48.637 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.2	124.8	187.2
98	65.4	49.7	74.5





#13

Acrolein

Concen: 294.918 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 156440

Ion Ratio Lower Upper

56 100

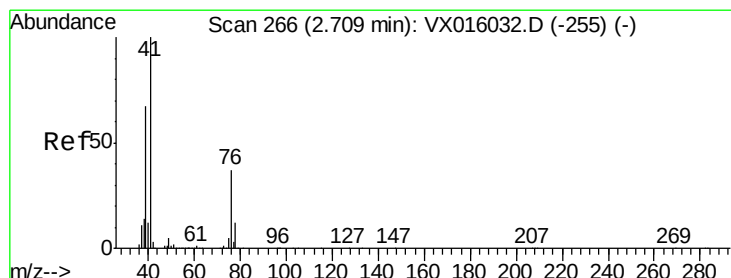
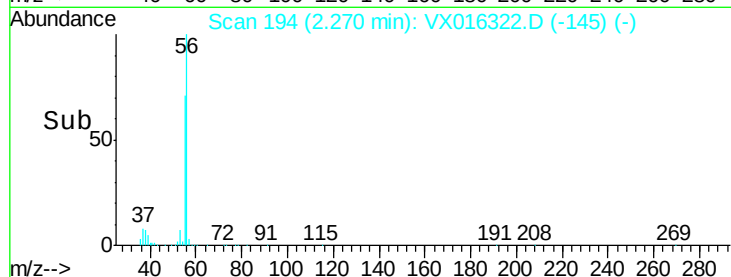
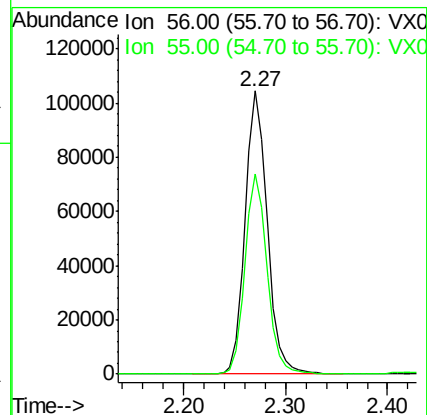
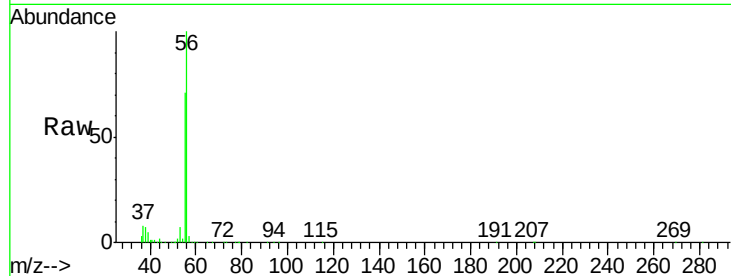
55 70.0 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 46.398 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

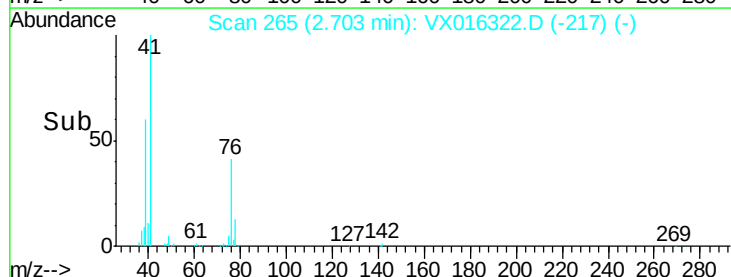
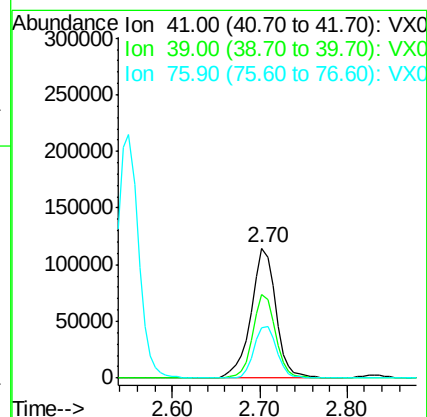
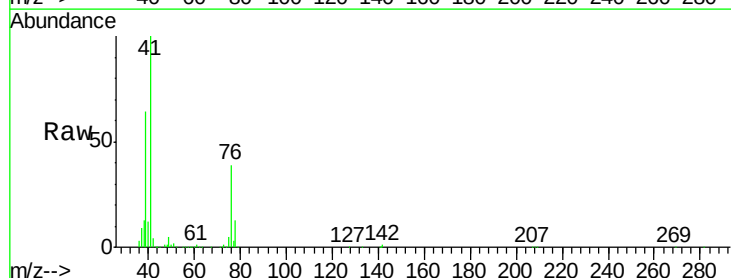
Tgt Ion: 41 Resp: 225284

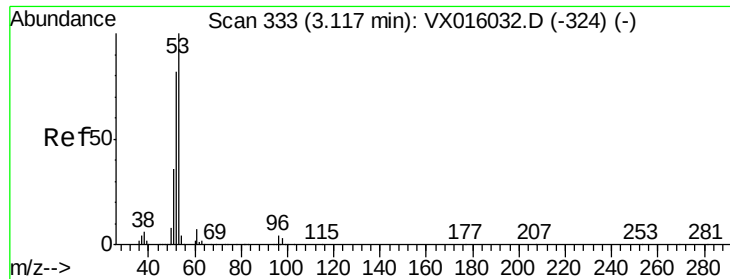
Ion Ratio Lower Upper

41 100

39 59.0 50.5 75.7

76 36.6 26.6 40.0





#15

Acrylonitrile

Concen: 243.203 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

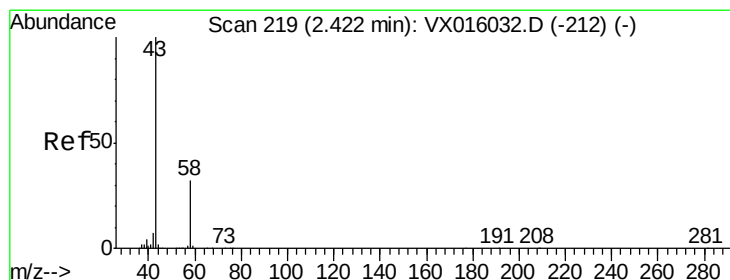
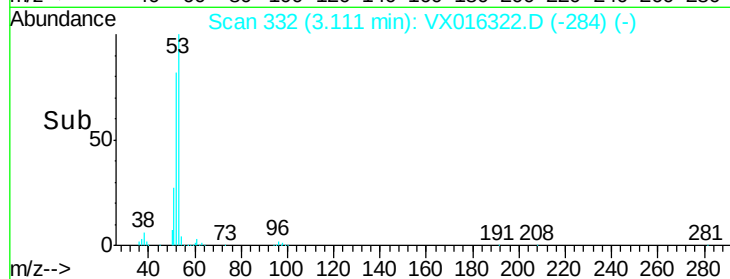
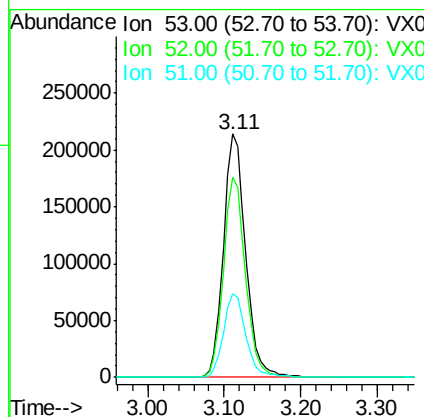
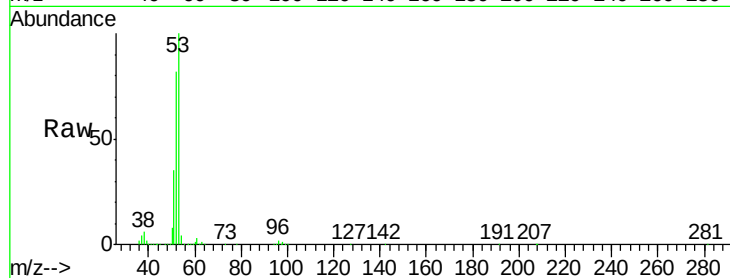
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	427679
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.1	99.1
51	35.0	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 235.439 ug/l

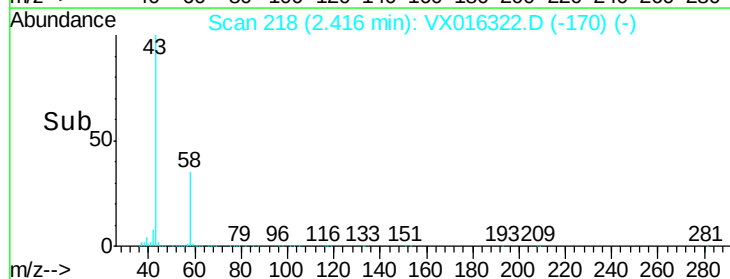
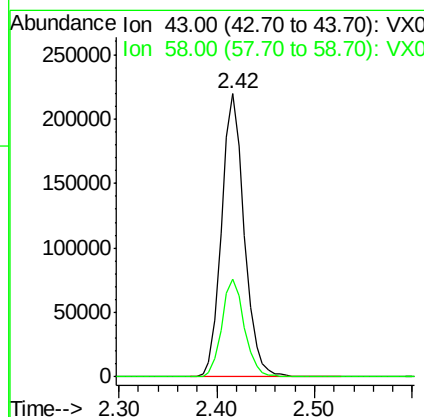
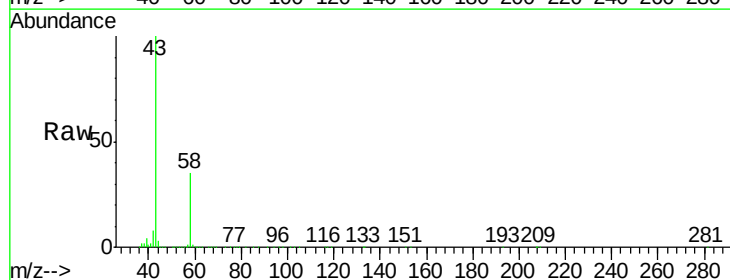
RT: 2.42 min Scan# 218

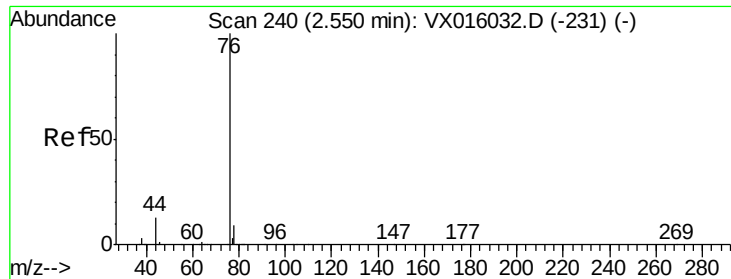
Delta R.T. -0.01 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Tgt Ion:	43	Resp:	352150
Ion	Ratio	Lower	Upper
43	100		
58	34.7	25.4	38.0





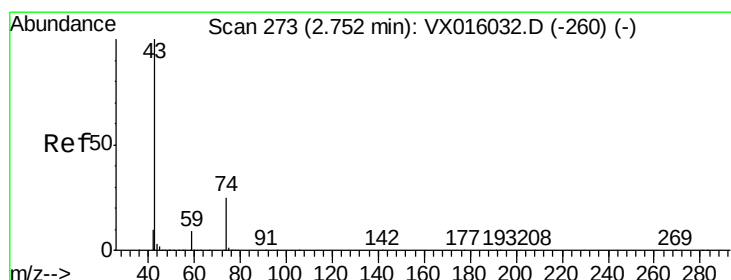
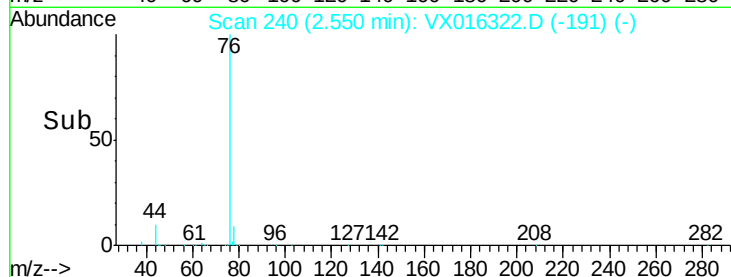
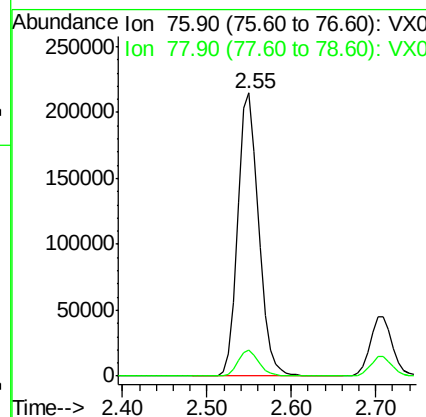
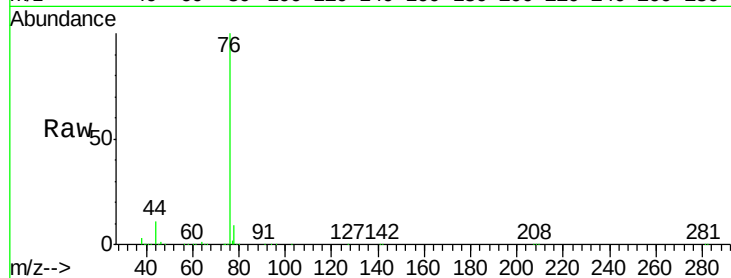
#17
Carbon Disulfide
Concen: 45.133 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

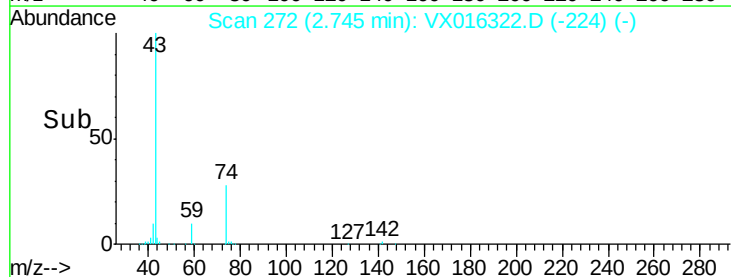
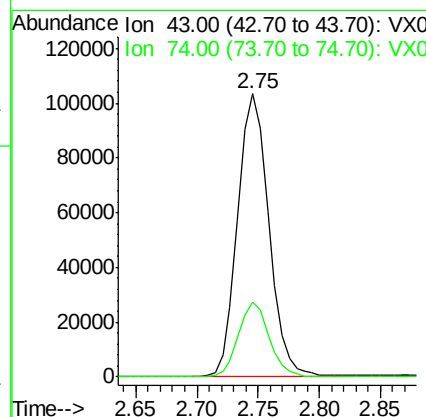
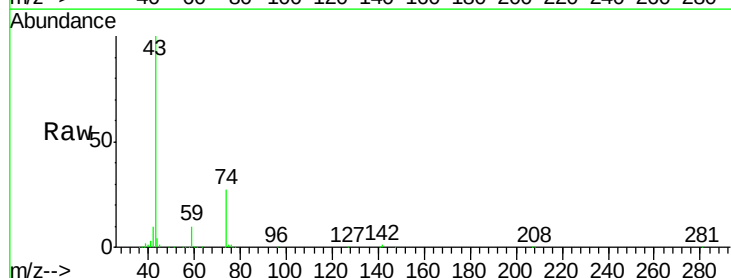
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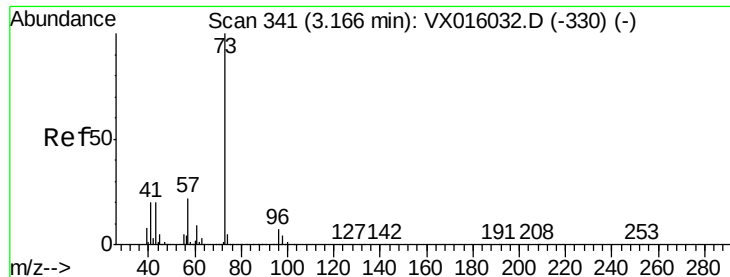
MMDadoda
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#18
Methyl Acetate
Concen: 49.795 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	20.2	30.2





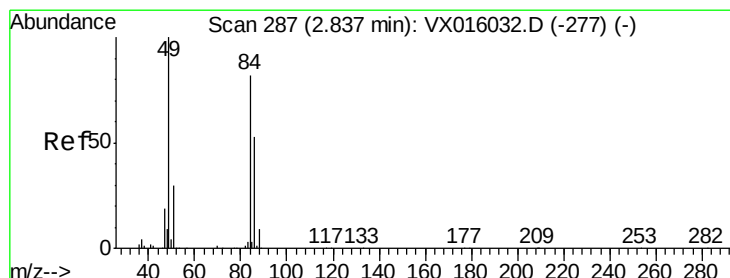
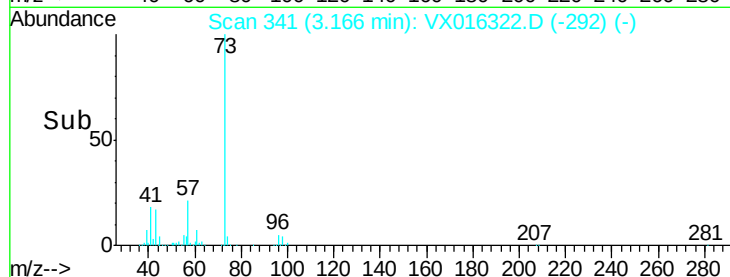
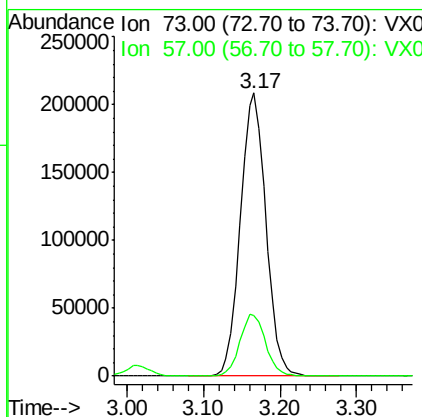
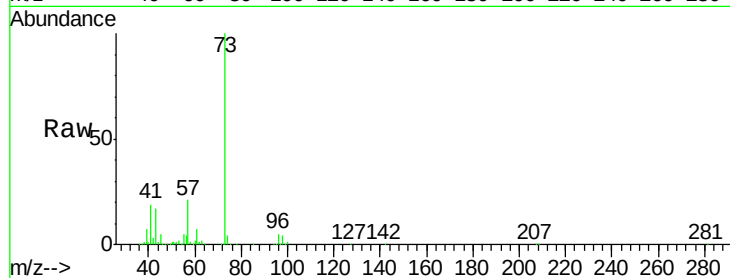
#19
Methyl tert-butyl Ether
Concen: 52.773 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.6

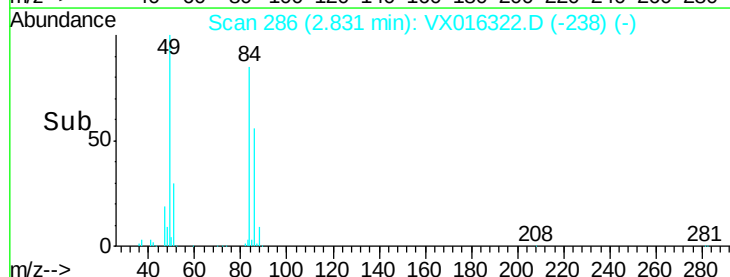
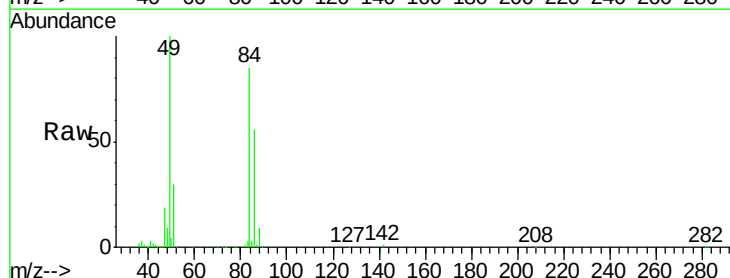
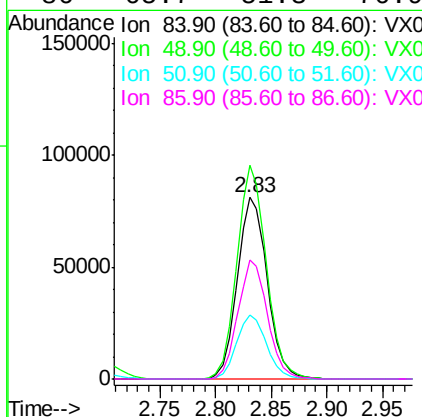
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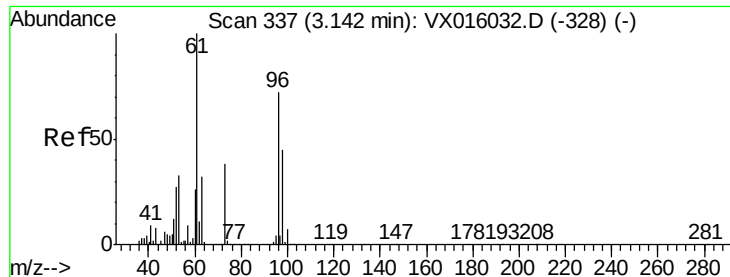
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#20
Methylene Chloride
Concen: 48.859 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.8	97.3	145.9
51	35.4	29.3	43.9
86	65.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 49.759 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 146838

Ion Ratio Lower Upper

96 100

61 128.9 111.2 166.8

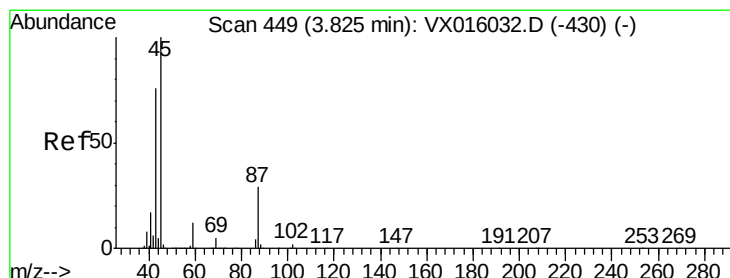
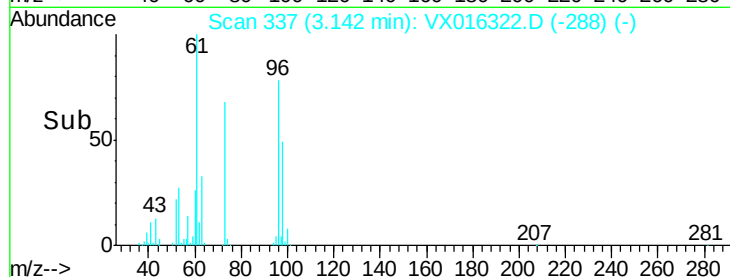
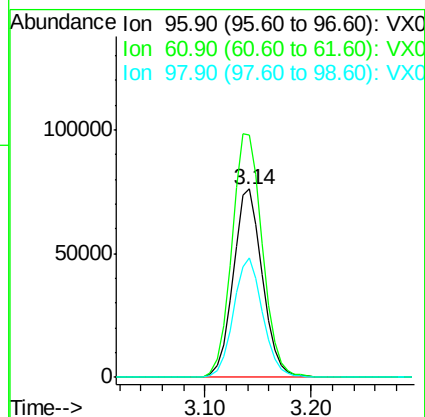
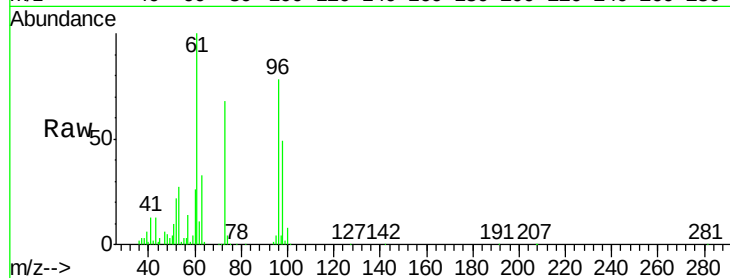
98 63.2 50.2 75.4

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#22

Diisopropyl ether

Concen: 50.451 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Tgt Ion: 45 Resp: 462136

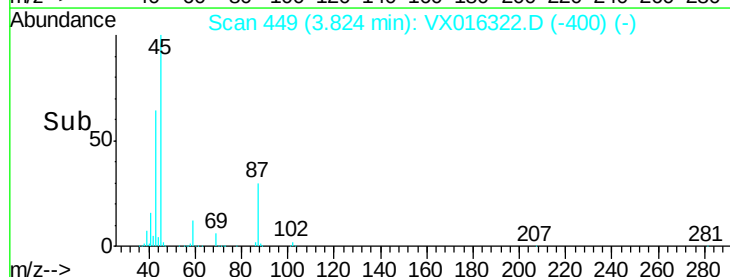
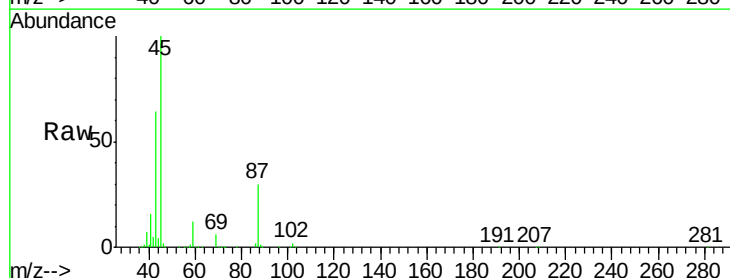
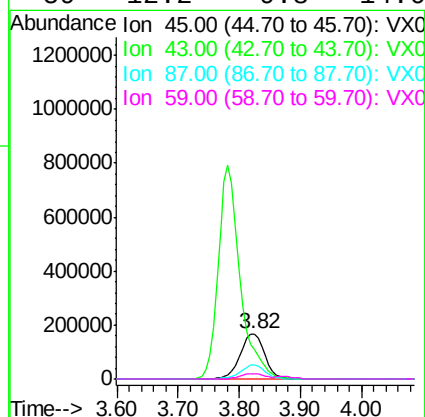
Ion Ratio Lower Upper

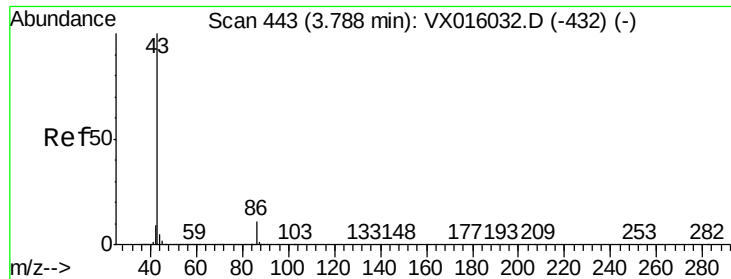
45 100

43 64.1 61.1 91.7

87 30.3 23.0 34.6

59 12.2 9.8 14.6





#23

Vinyl Acetate

Concen: 246.951 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1990151

Ion Ratio Lower Upper

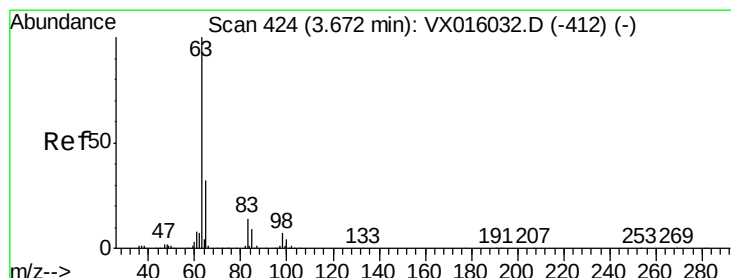
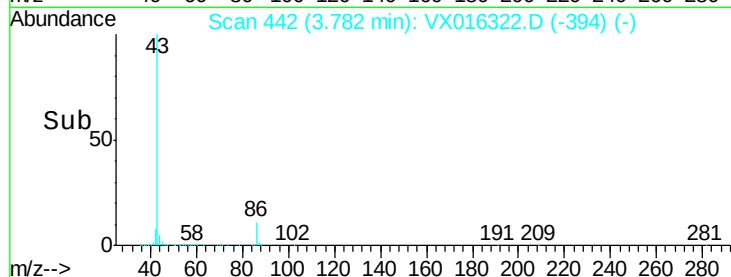
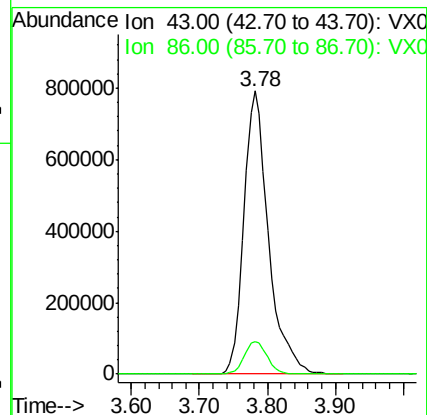
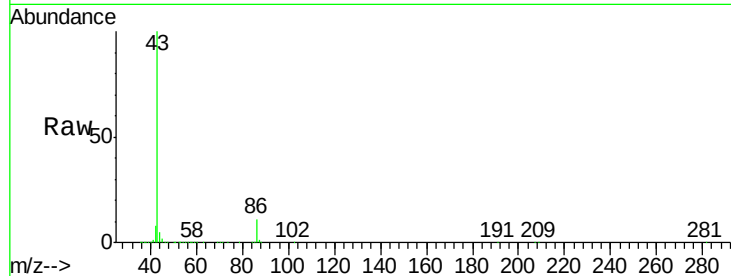
43 100

86 11.3 9.0 13.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 51.783 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

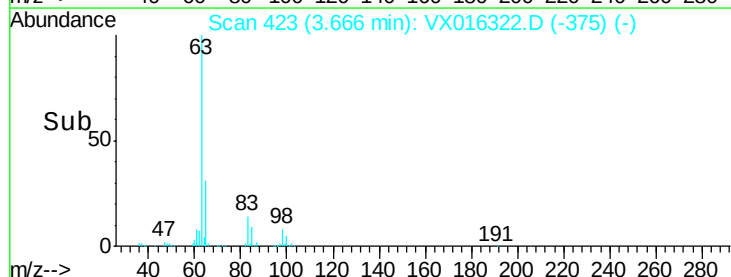
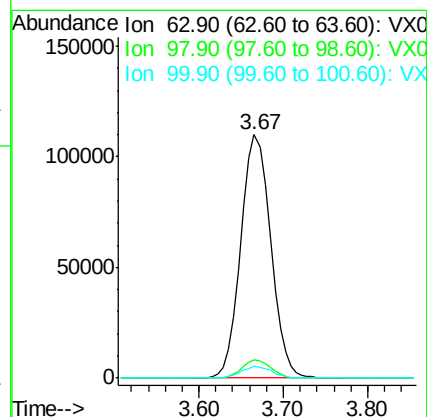
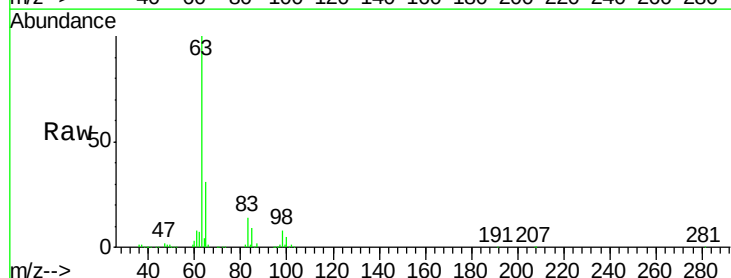
Tgt Ion: 63 Resp: 265341

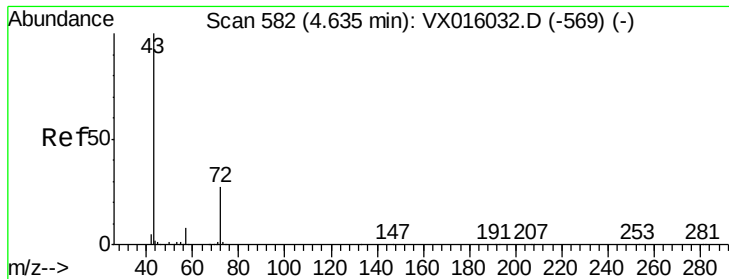
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 230.835 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 556360

Ion Ratio Lower Upper

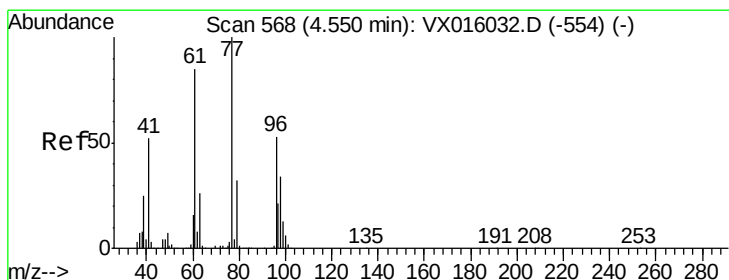
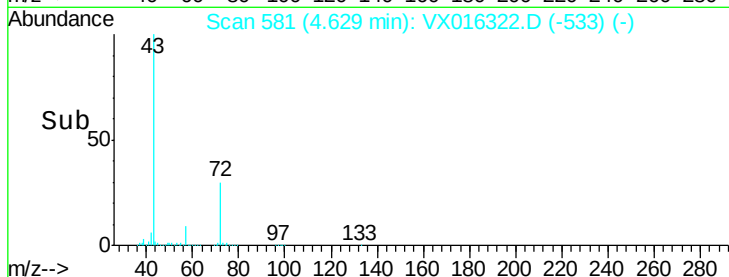
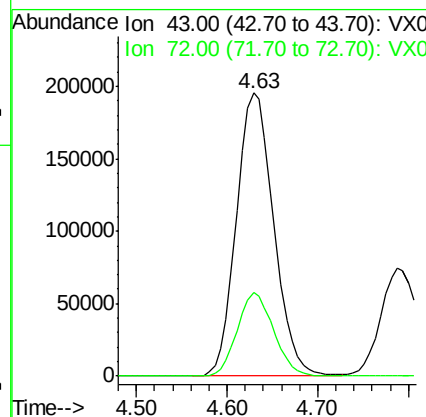
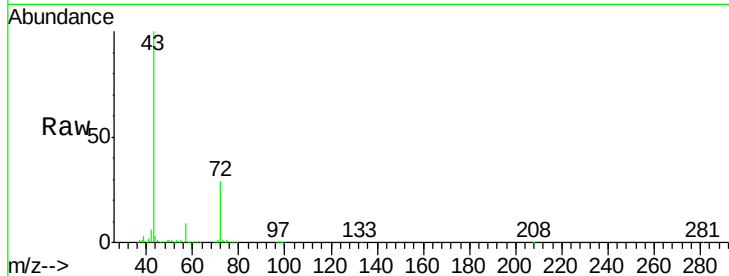
43 100

72 29.4 21.8 32.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 51.706 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016322.D

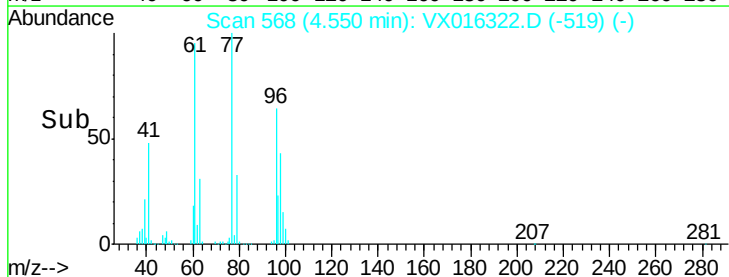
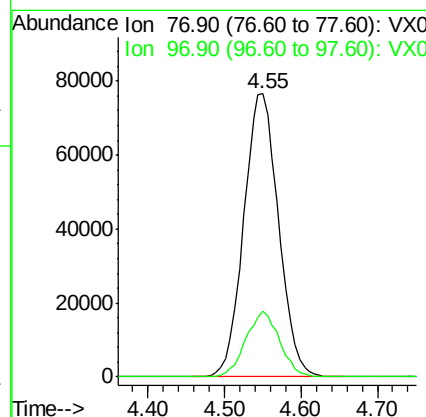
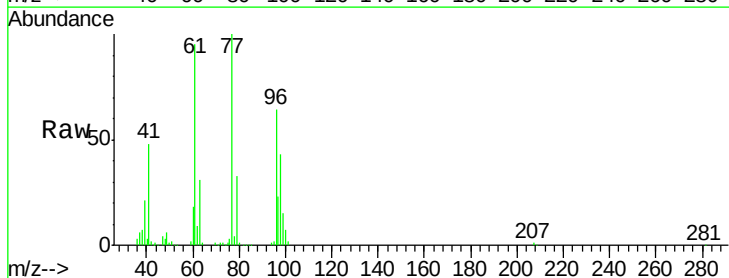
Acq: 19 May 2020 10:01

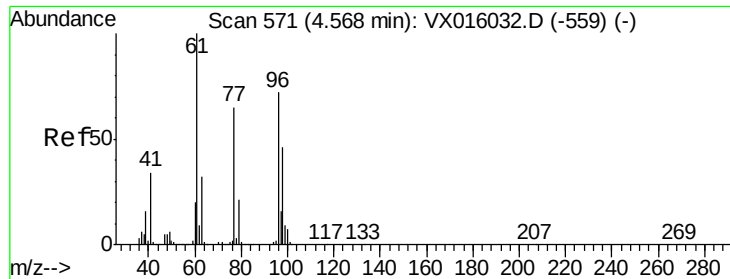
Tgt Ion: 77 Resp: 241966

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.6





#27

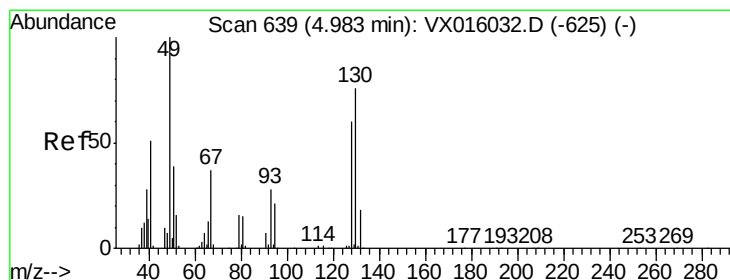
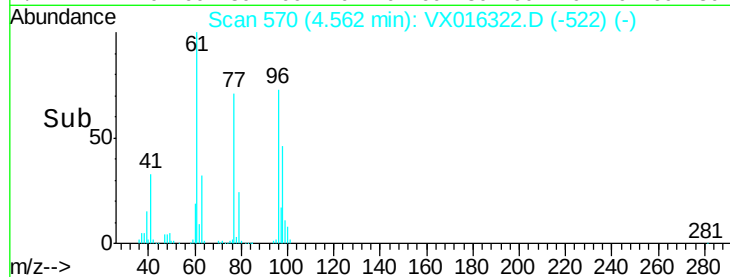
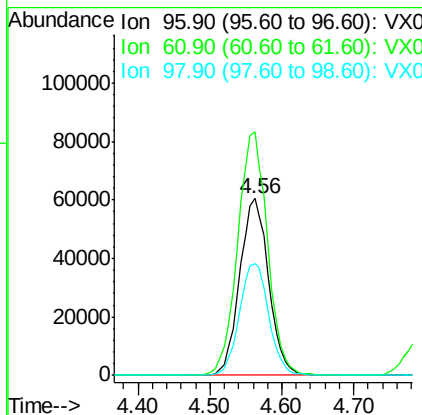
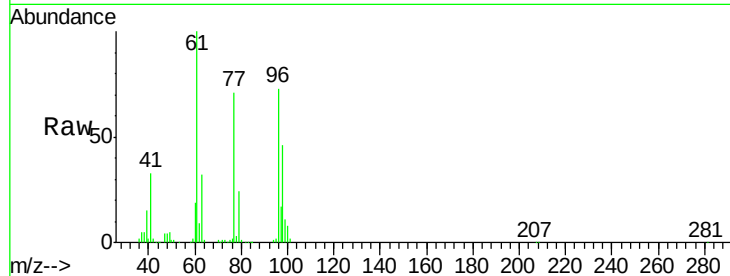
cis-1,2-Dichloroethene
 Concen: 52.341 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168858		
61	141.8	0.0	296.2	
98	64.3	0.0	129.4	

Manual Integrations
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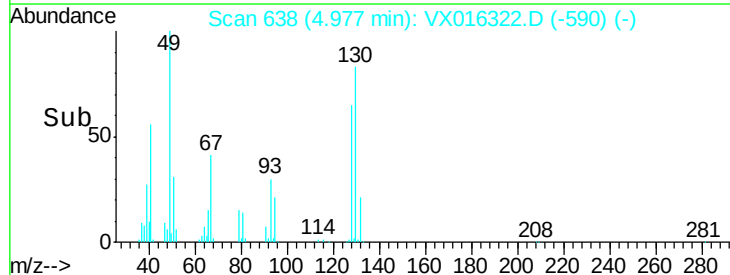
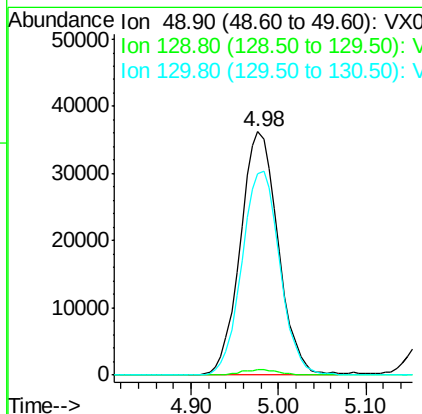
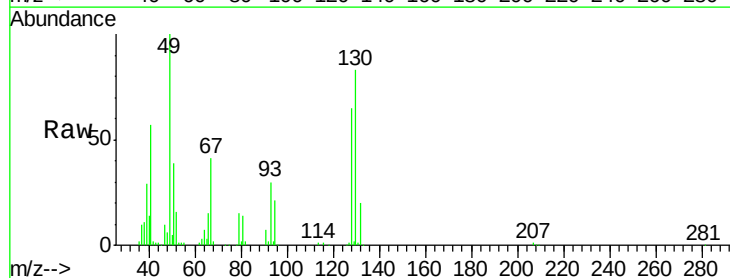
MMDadoda
 5/21/2020 1:11:52 PM

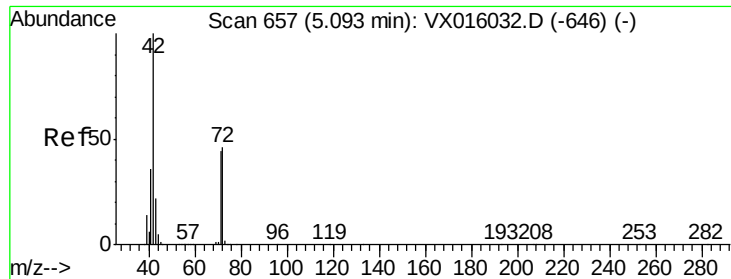


#28

Bromochloromethane
 Concen: 46.511 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108675		
129	2.2	0.0	4.0	
130	84.3	62.4	93.6	





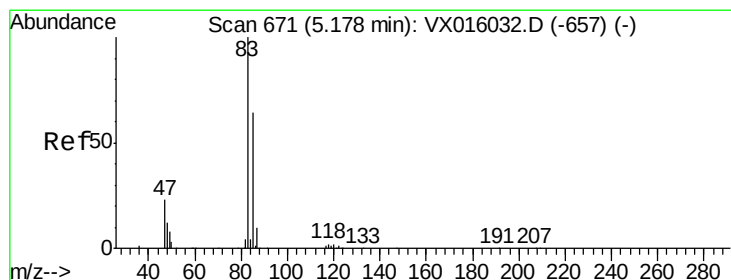
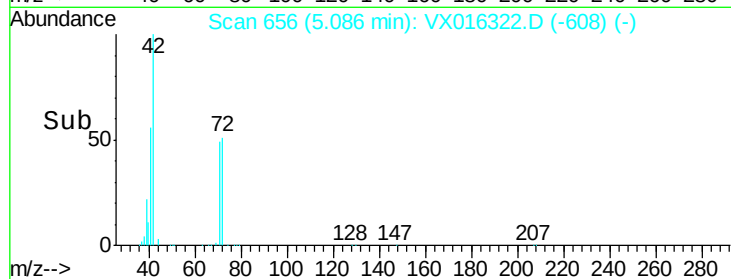
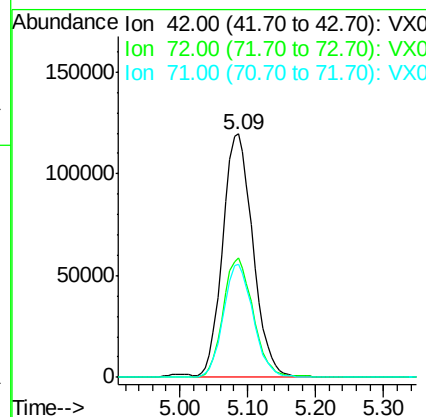
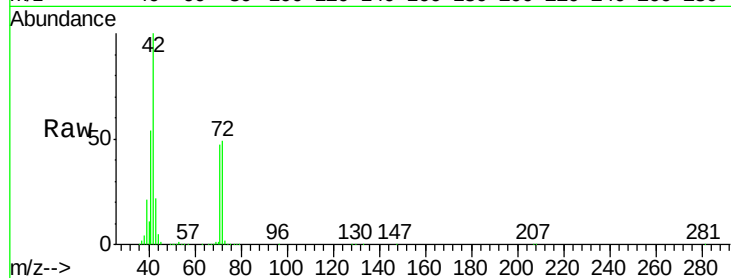
#29
Tetrahydrofuran
Concen: 230.481 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.1	37.1	55.7
71	45.7	34.5	51.7

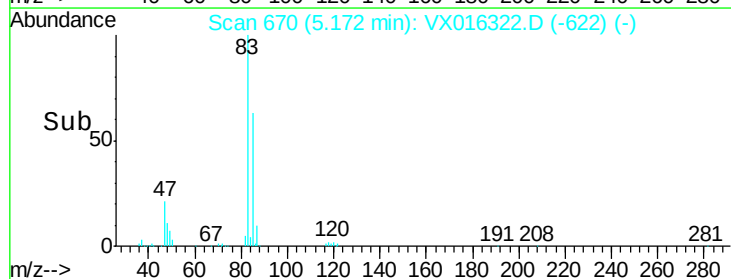
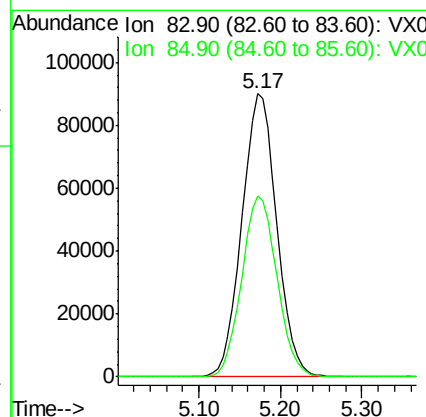
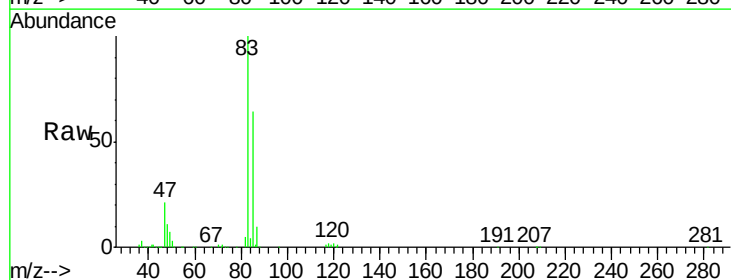
Manual Integrations
APPROVED

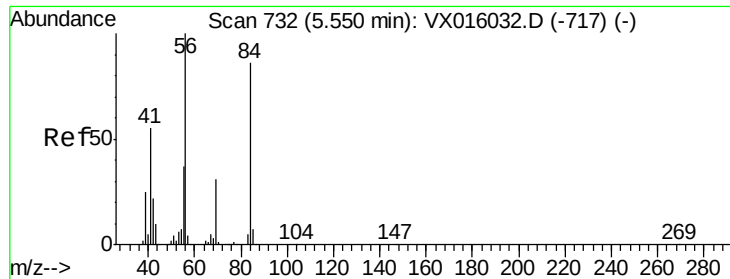
MMDadoda
5/21/2020 1:11:52 PM



#30
Chloroform
Concen: 52.303 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.6	77.4





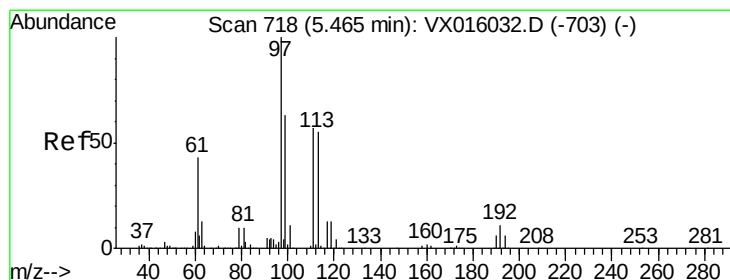
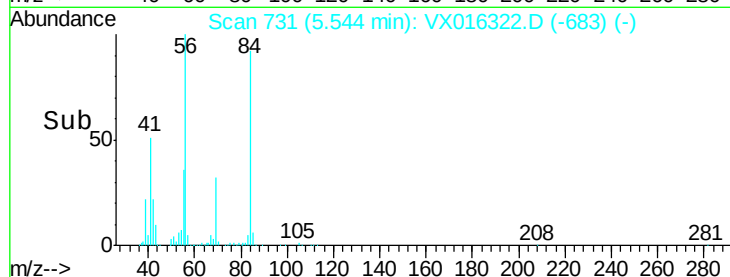
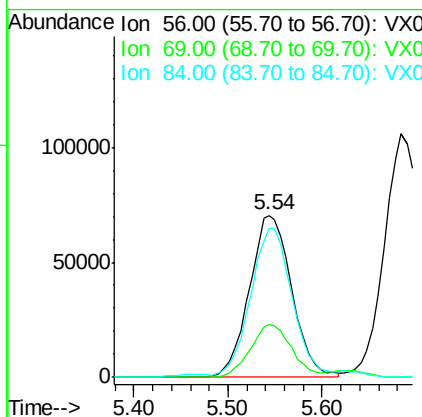
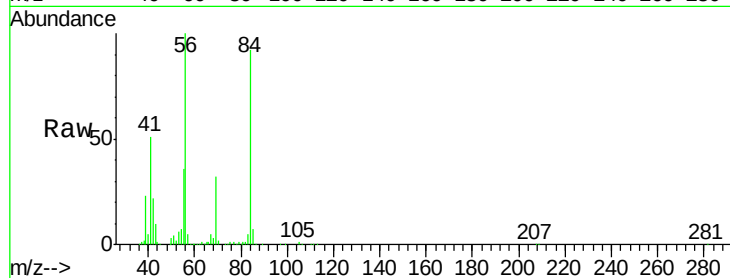
#31
Cyclohexane
Concen: 47.517 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.0	37.6
84	90.4	69.0	103.6

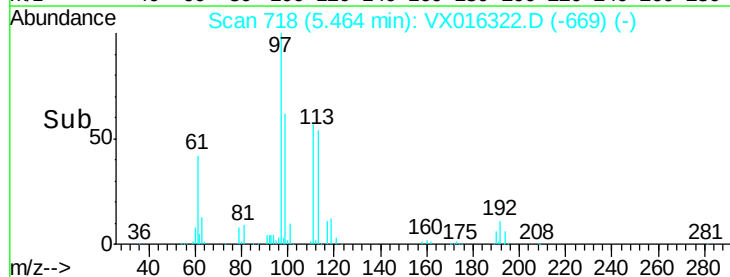
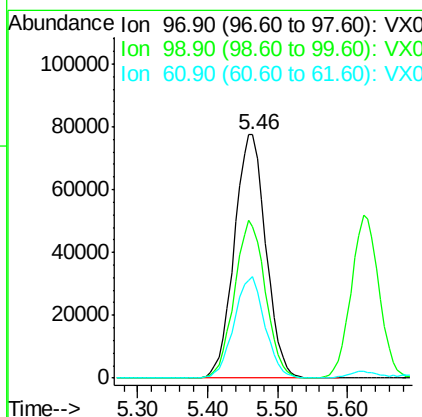
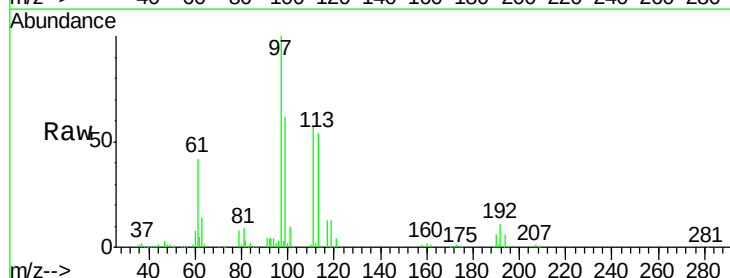
Manual Integrations
APPROVED

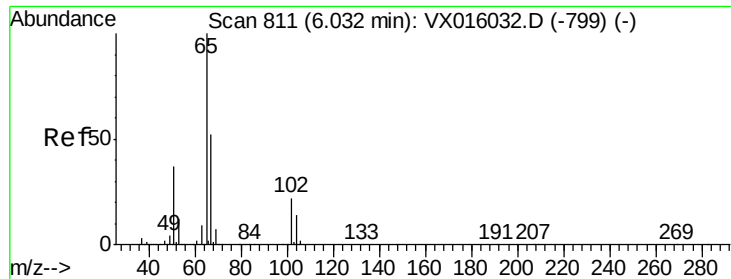
MMDadoda
5/21/2020 1:11:52 PM



#32
1,1,1-Trichloroethane
Concen: 52.413 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.0	76.4
61	40.6	34.5	51.7





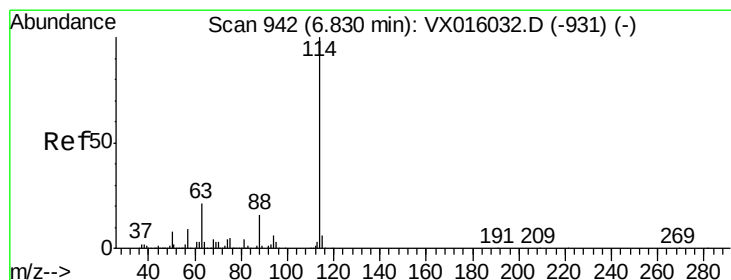
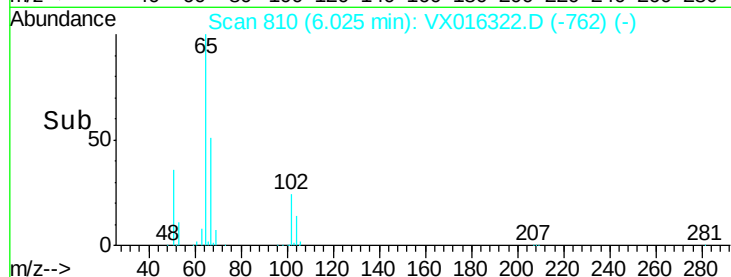
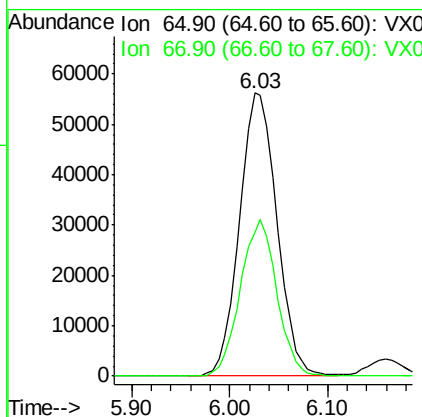
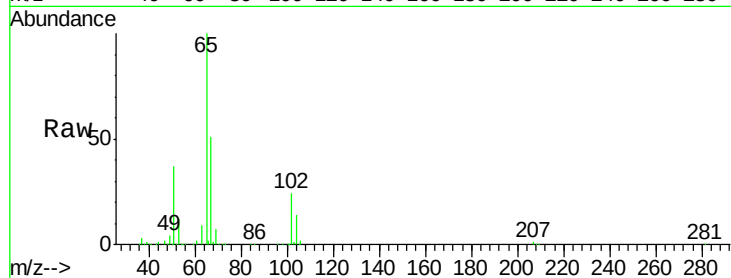
#33
 1,2-Dichloroethane-d4
 Concen: 44.542 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	104.8

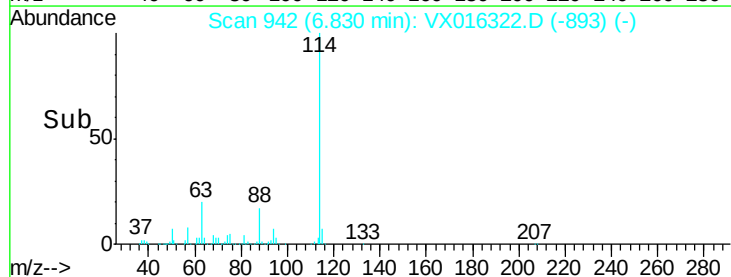
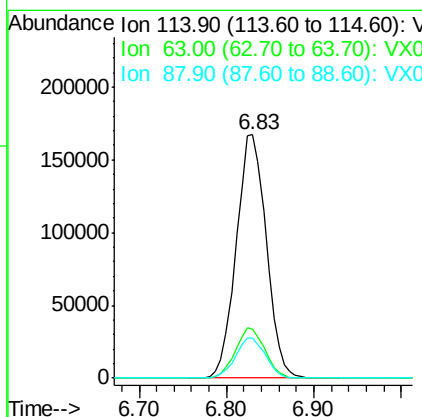
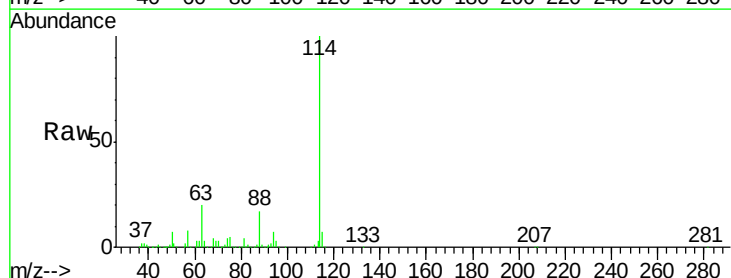
Manual Integrations
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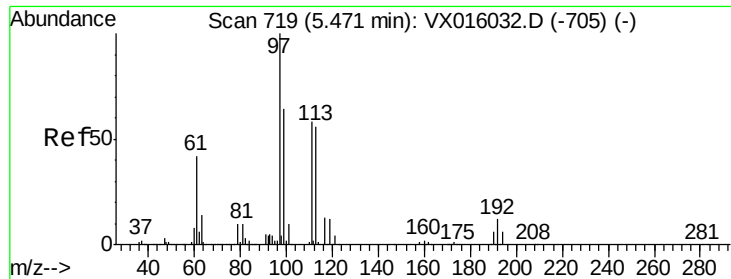
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.8
88	16.7	0.0	31.4





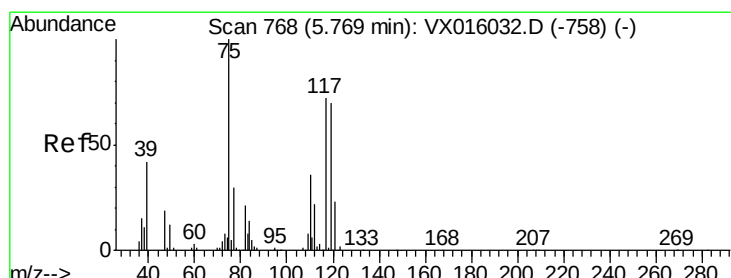
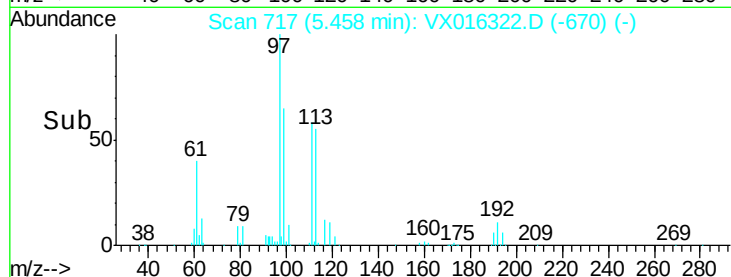
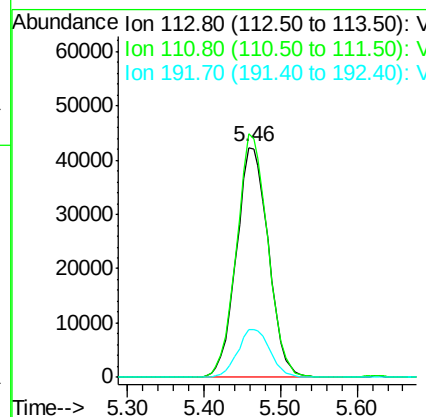
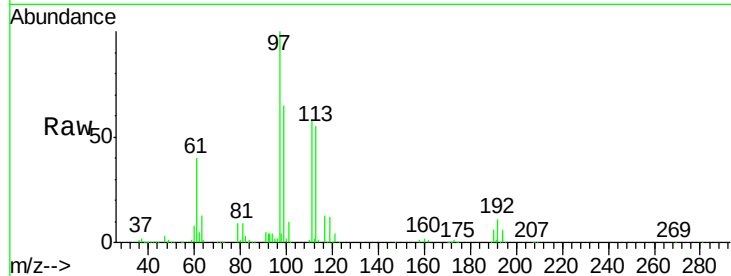
#35
Dibromofluoromethane
Concen: 48.503 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.2	81.6	122.4	
192	21.2	17.0	25.4	

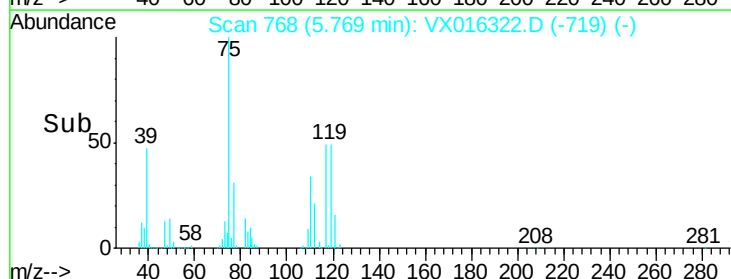
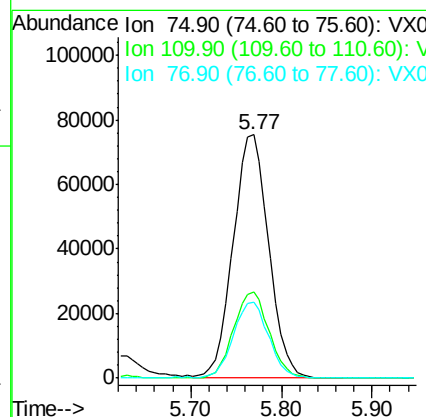
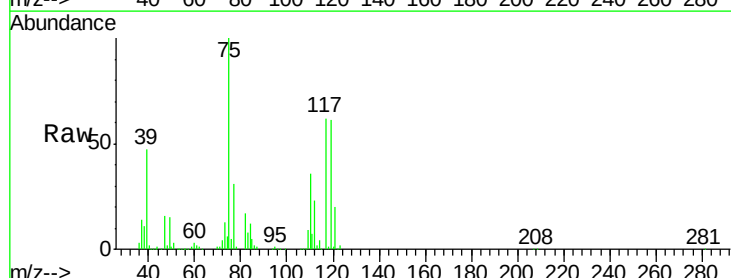
Manual Integrations
APPROVED

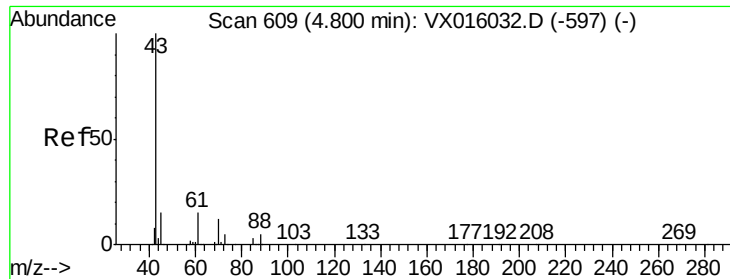
MMDadoda
5/21/2020 1:11:52 PM



#36
1,1-Dichloropropene
Concen: 51.973 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.4	18.1	54.1	
77	31.2	25.0	37.6	





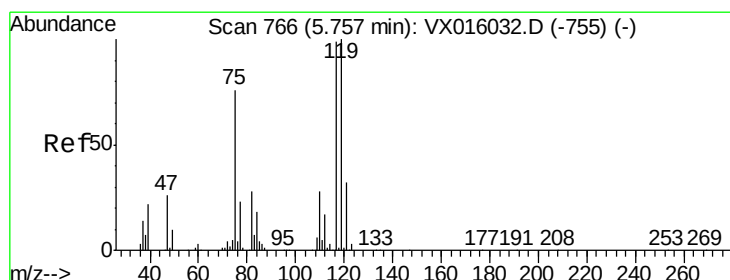
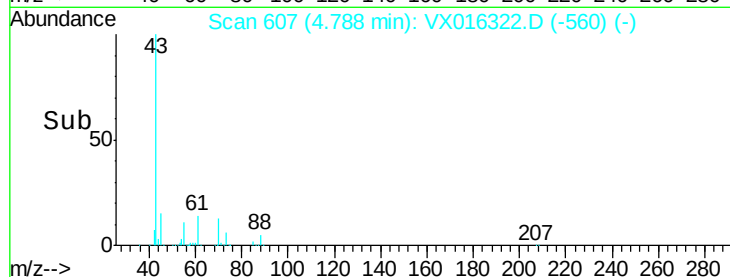
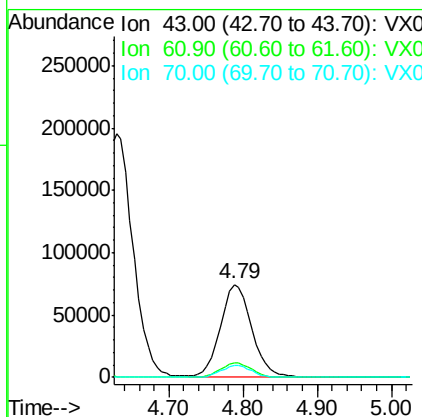
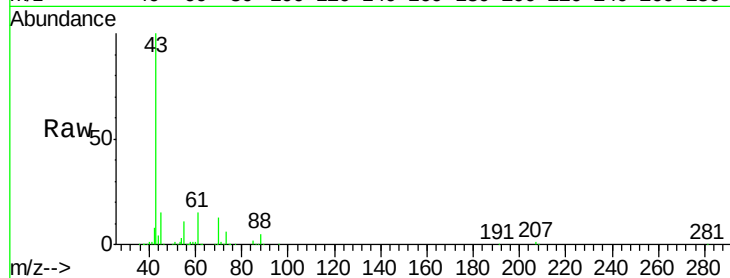
#37
Ethyl Acetate
Concen: 47.514 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.7	17.5
70	12.5	9.3	13.9

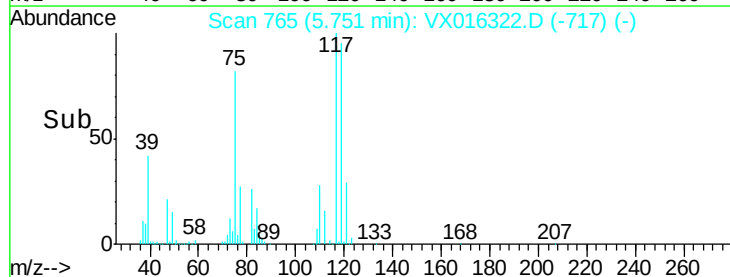
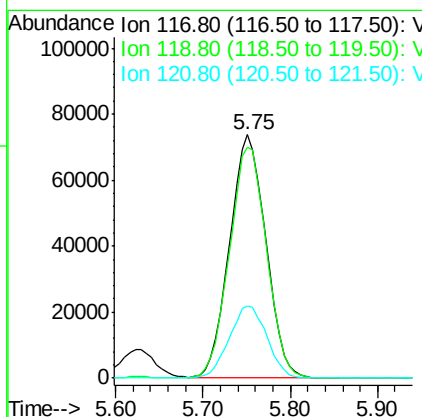
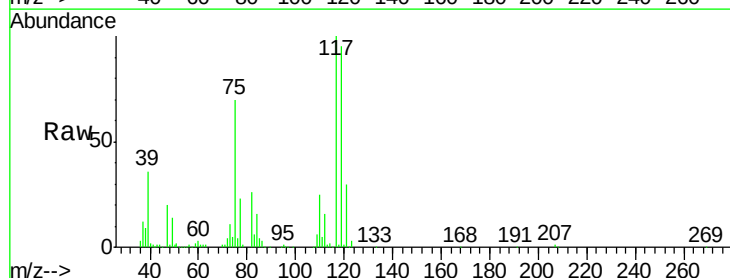
Manual Integrations
APPROVED

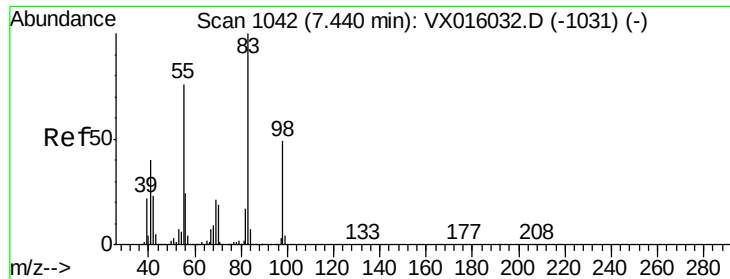
MMDadoda
5/21/2020 1:11:52 PM



#38
Carbon Tetrachloride
Concen: 53.219 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	80.3	120.5
121	29.7	25.7	38.5





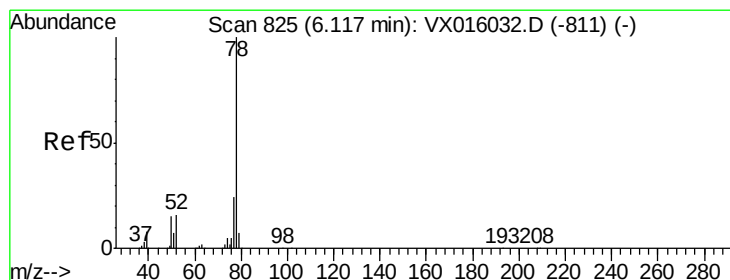
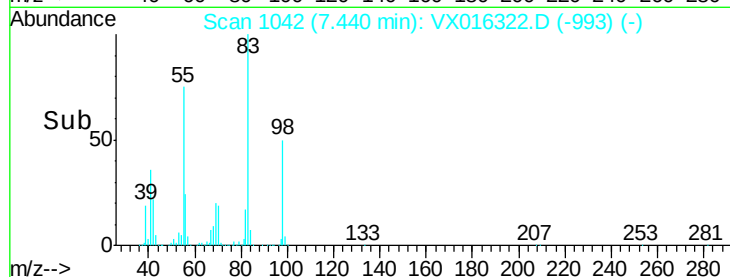
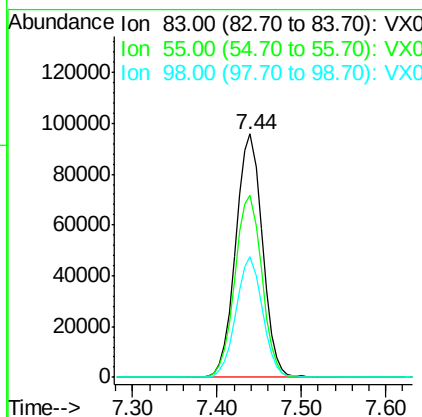
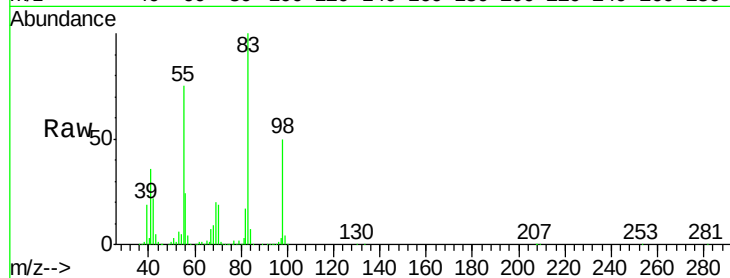
#39
Methylvlcyclohexane
Concen: 43.014 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	61.1	91.7
98	49.7	39.0	58.4

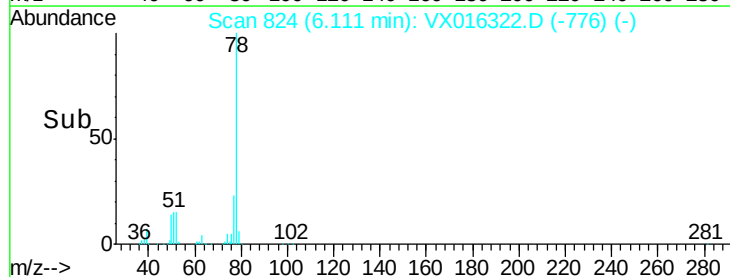
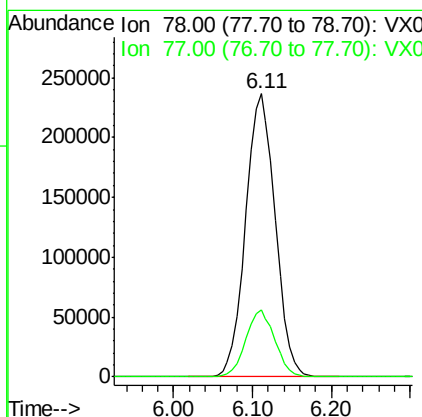
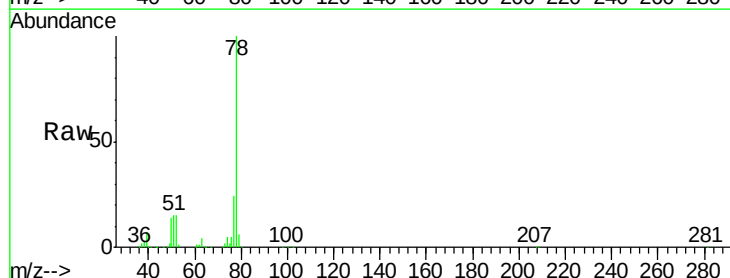
Manual Integrations
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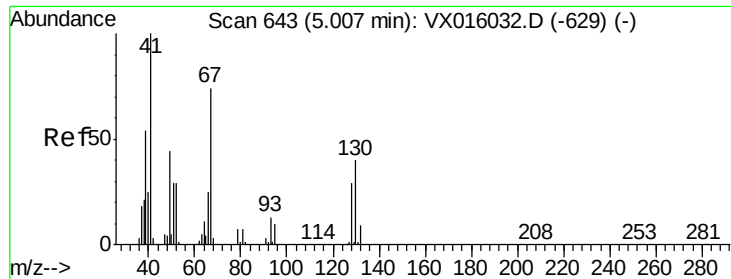
MMDadoda
5/21/2020 1:11:52 PM



#40
Benzene
Concen: 53.453 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





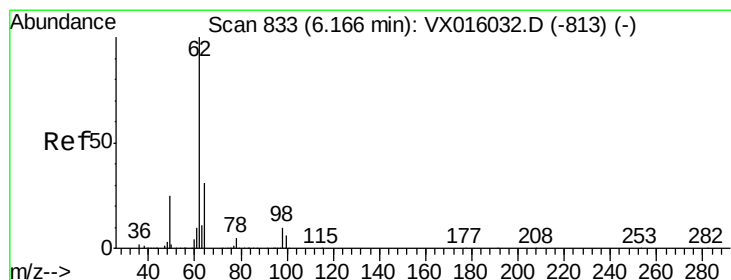
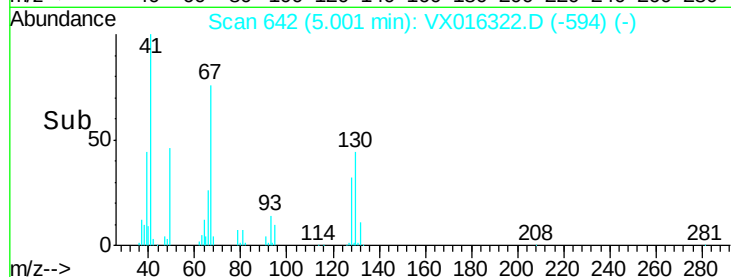
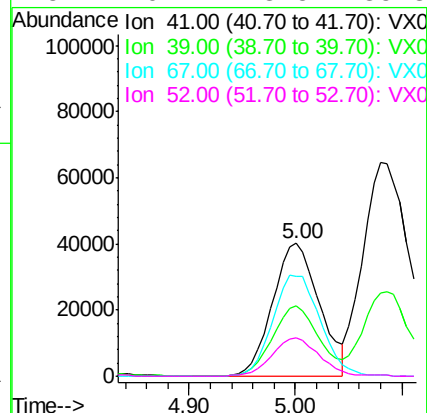
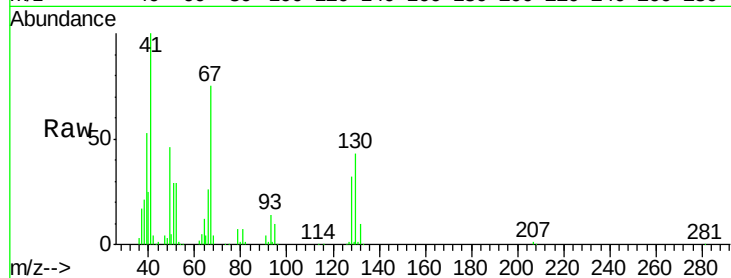
#41
Methacrylonitrile
Concen: 49.734 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		122690		
39	52.7	43.2	64.8		
67	77.4	59.3	88.9		
52	29.2	23.5	35.3		

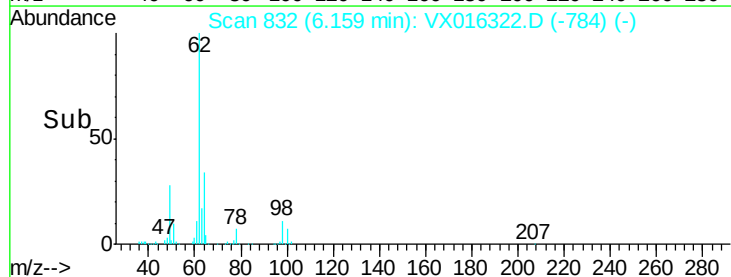
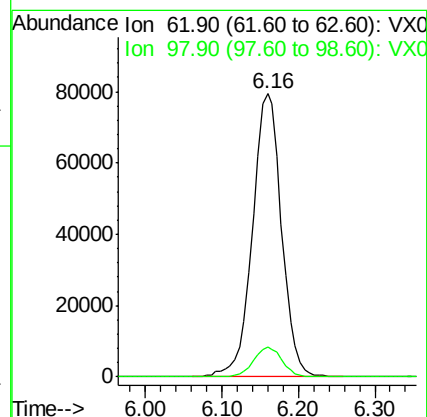
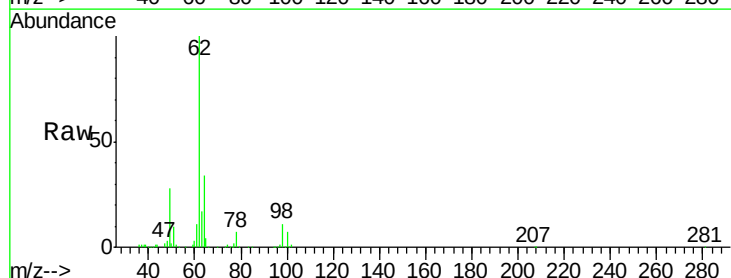
Manual Integrations
APPROVED

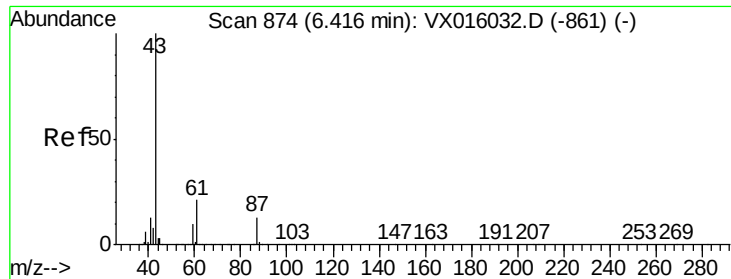
MMDadoda
5/21/2020 1:11:52 PM



#42
1,2-Dichloroethane
Concen: 50.354 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		209175		
98	10.3	0.0	19.4		





#43

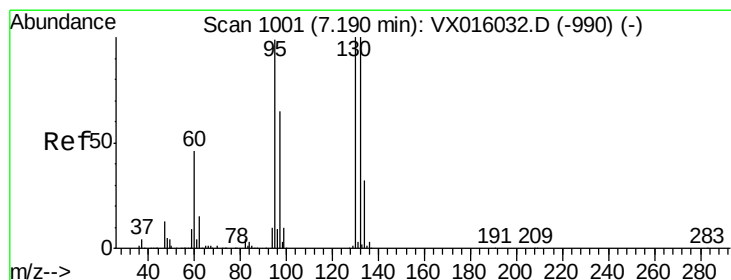
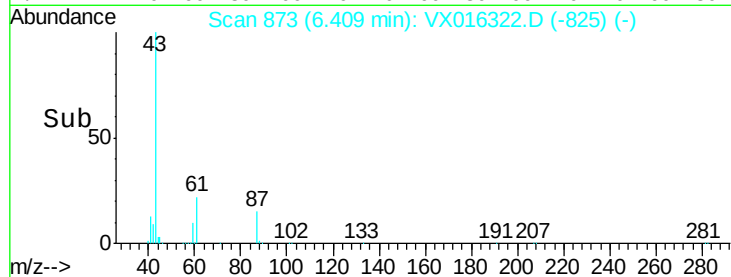
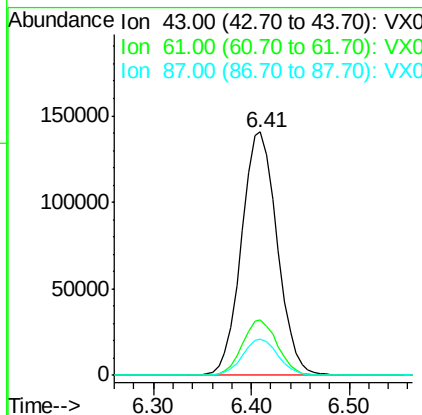
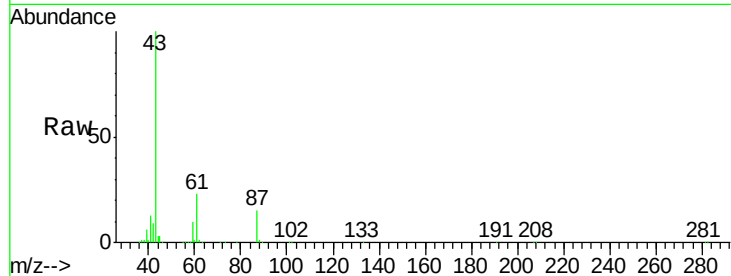
Isopropyl Acetate
 Concen: 48.731 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.6	17.0	25.4
87	14.9	11.0	16.6

Manual Integrations
 APPROVED

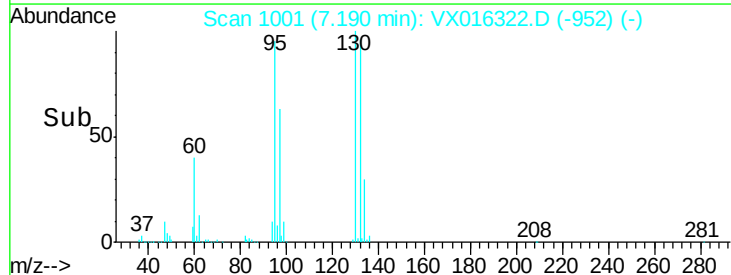
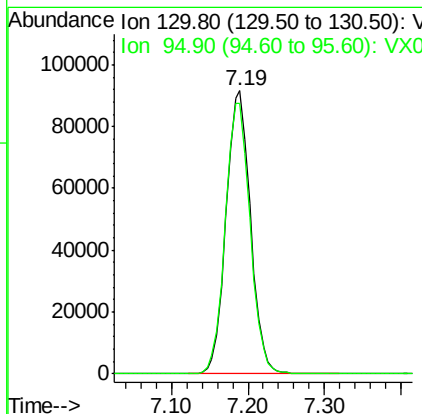
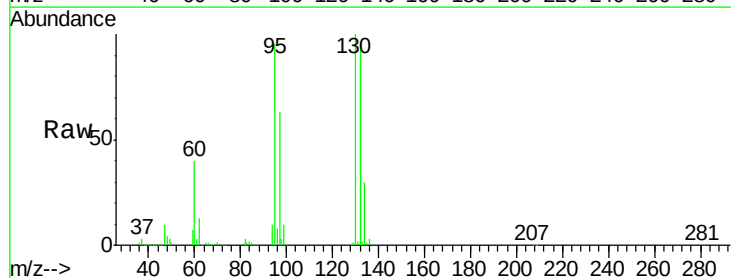
MMDadoda
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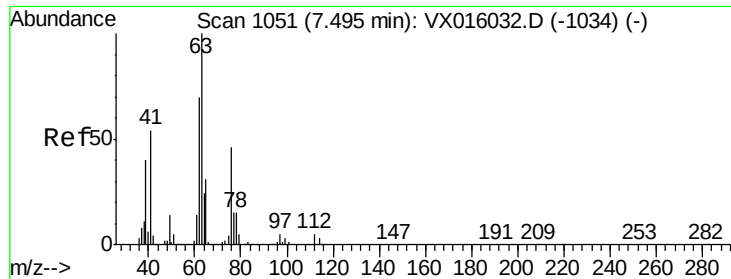


#44

Trichloroethene
 Concen: 49.304 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	197.4





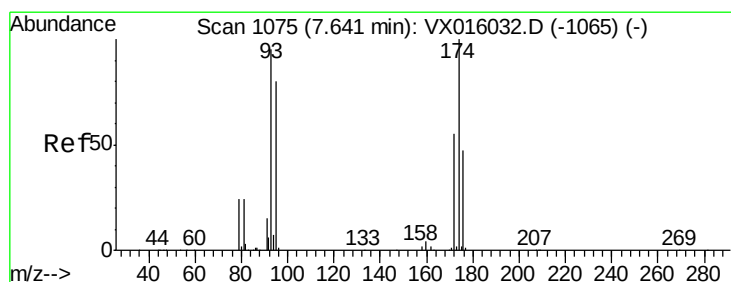
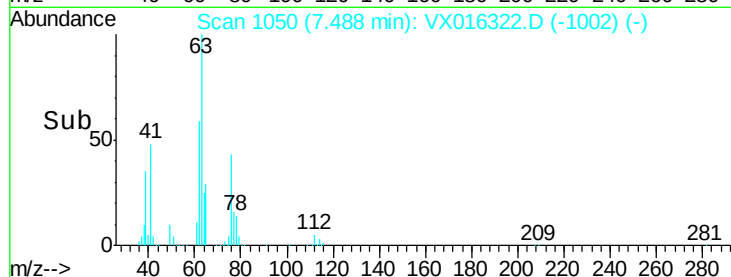
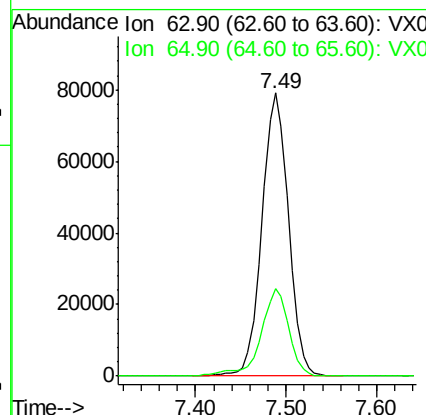
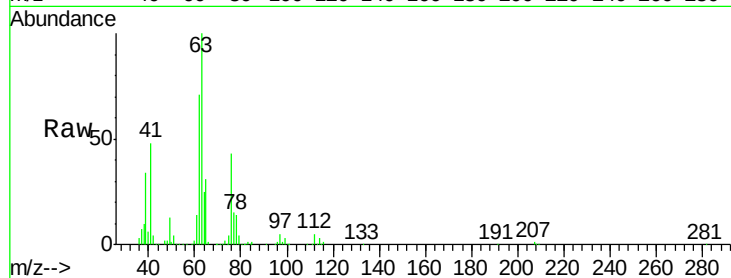
#45
 1,2-Dichloropropane
 Concen: 54.924 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.4	36.6

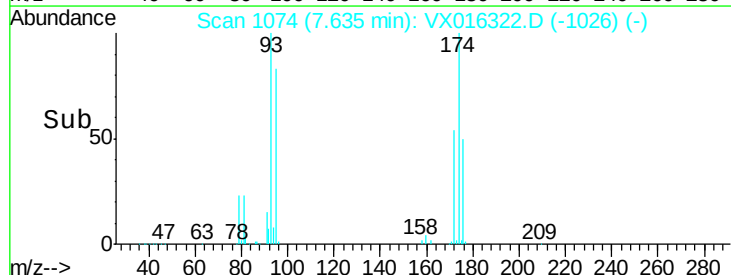
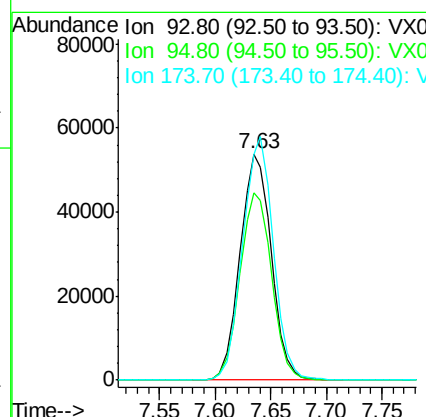
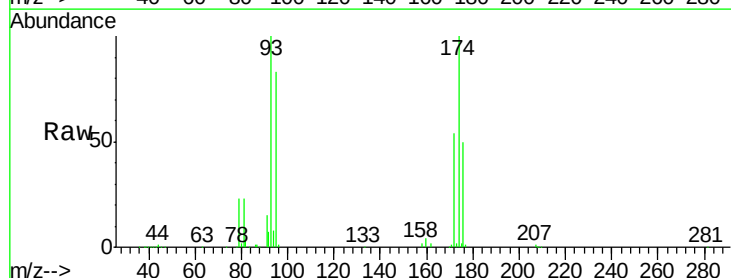
Manual Integrations
 APPROVED

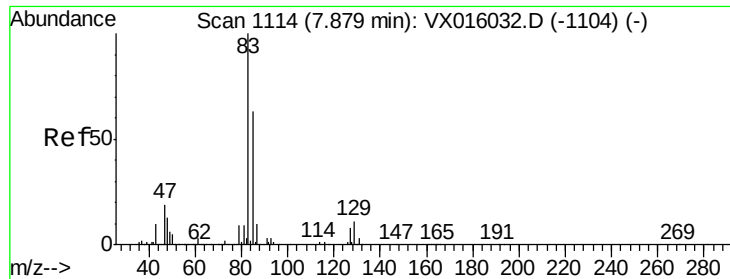
MMDadoda
 5/21/2020 1:11:52 PM



#46
 Dibromomethane
 Concen: 52.739 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.6	100.0
174	106.1	84.2	126.4





#47

Bromodichloromethane

Concen: 54.907 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

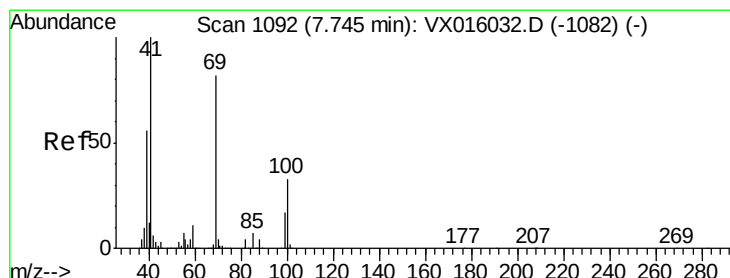
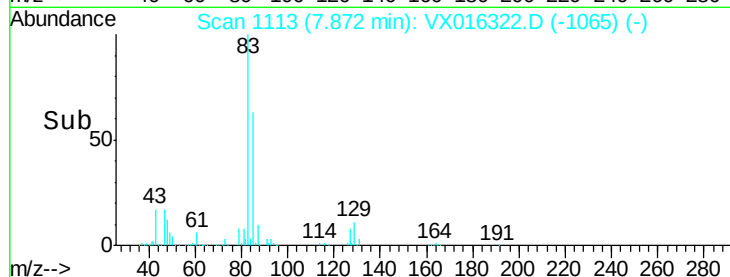
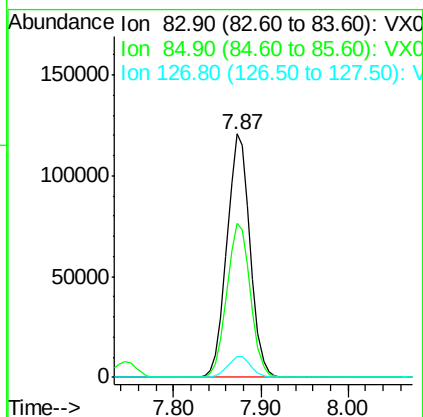
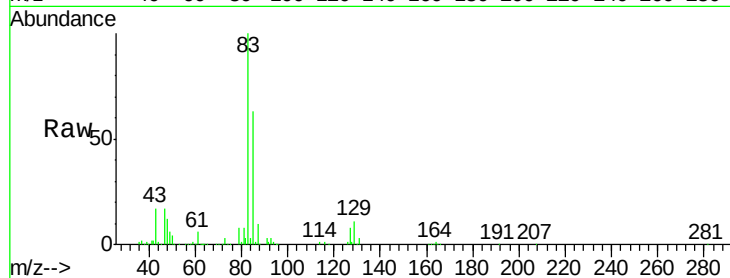
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	221744
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.5	75.7
127	8.4	6.7	10.1

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 49.115 ug/l

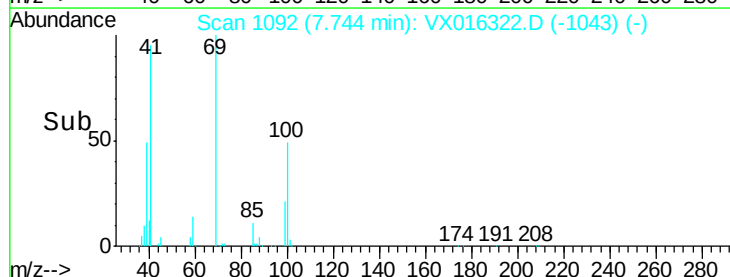
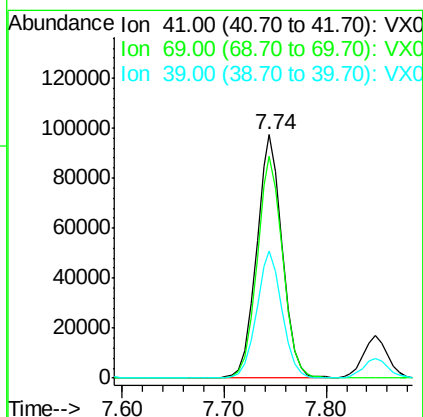
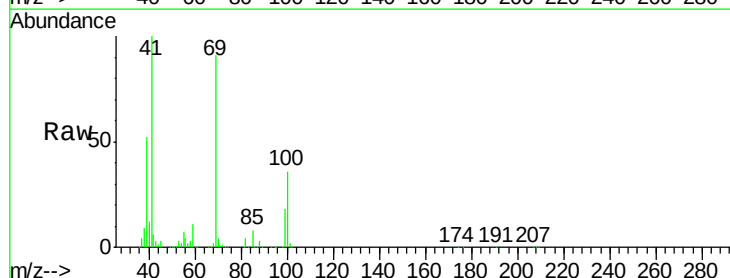
RT: 7.74 min Scan# 1092

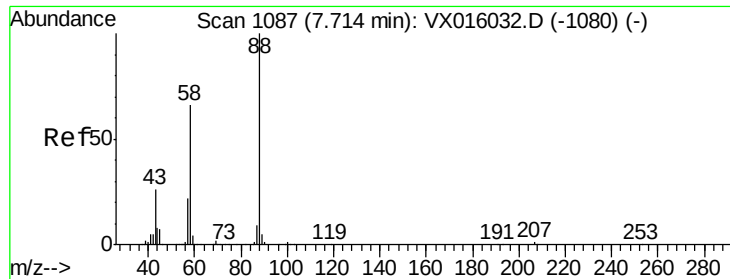
Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Tgt Ion:	41	Resp:	169619
Ion Ratio	Lower	Upper	
41	100		
69	91.4	67.8	101.6
39	52.2	44.6	67.0





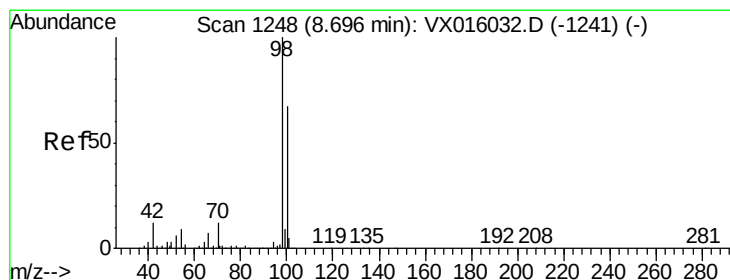
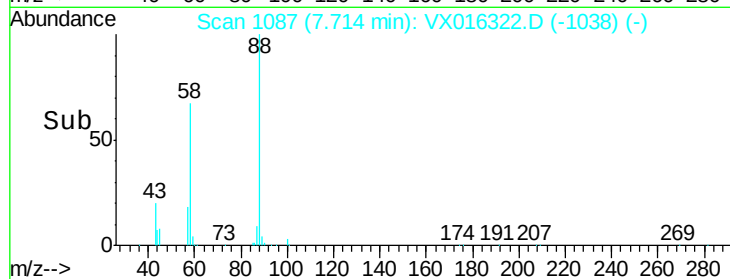
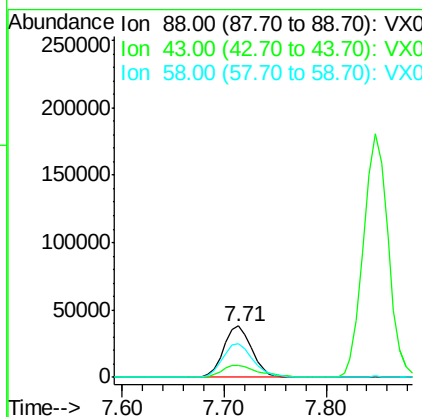
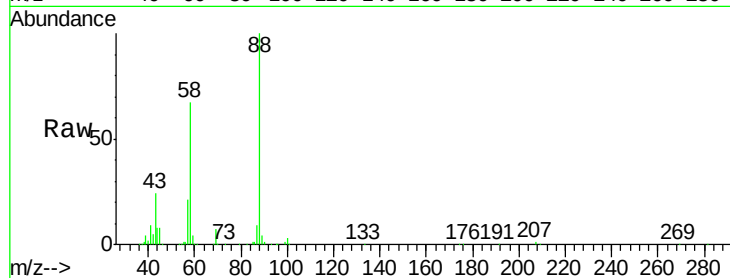
#49
1,4-Dioxane
Concen: 876.438 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	25.3	37.9
58	70.2	55.9	83.9

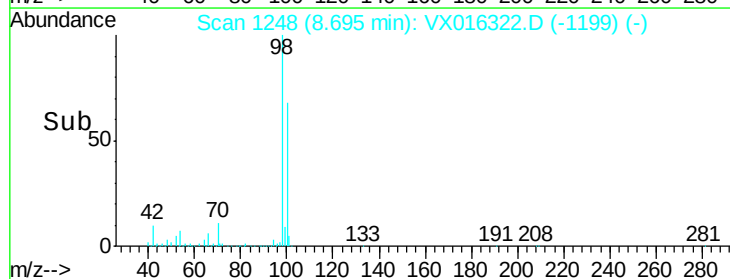
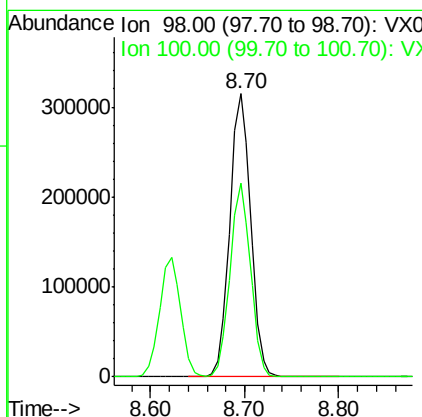
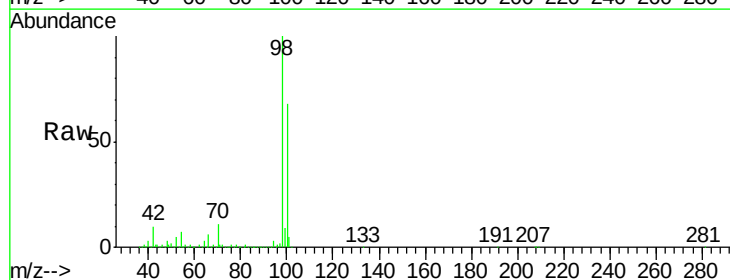
Manual Integrations
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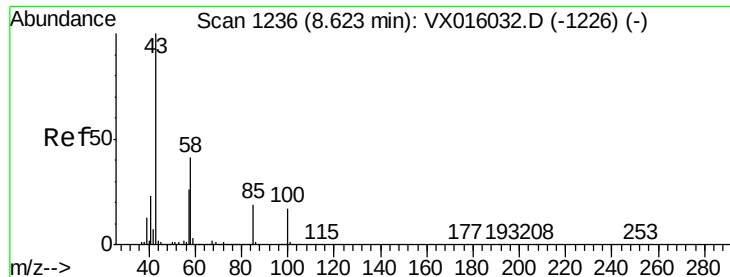
MMDadoda
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#50
Toluene-d8
Concen: 49.622 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5





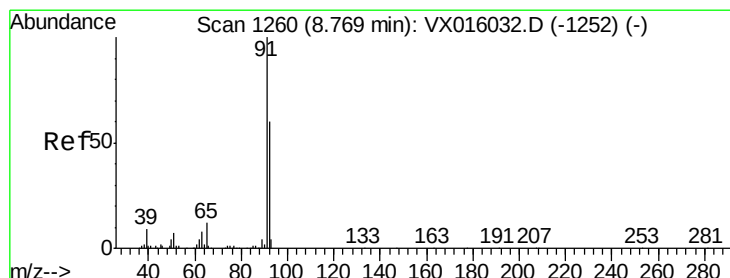
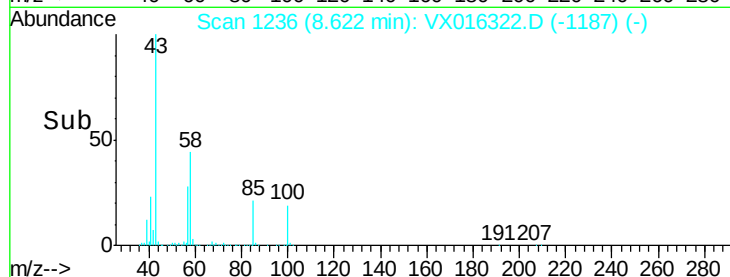
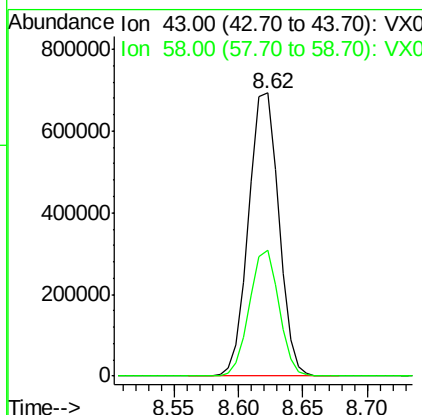
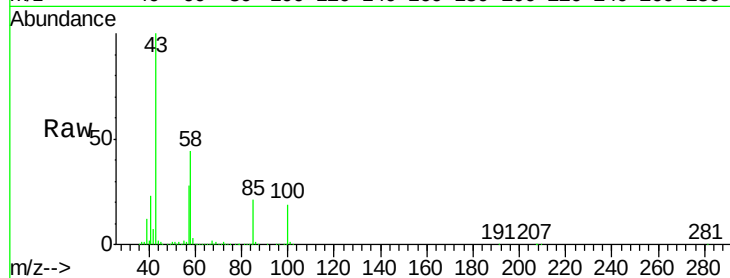
#51
 4-Methyl-2-Pentanone
 Concen: 251.174 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1120239
 Ion Ratio Lower Upper
 43 100
 58 43.4 33.0 49.4

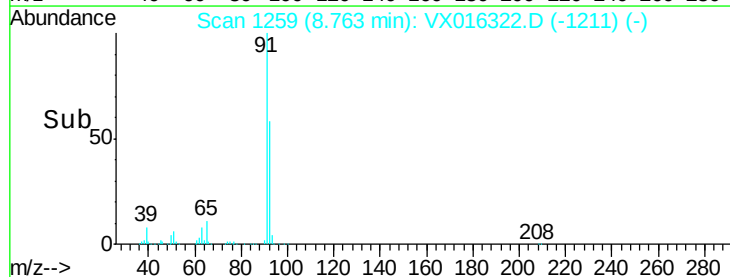
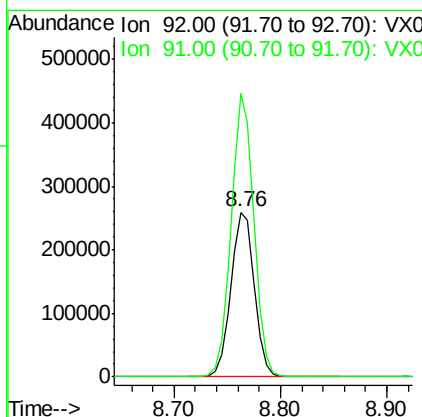
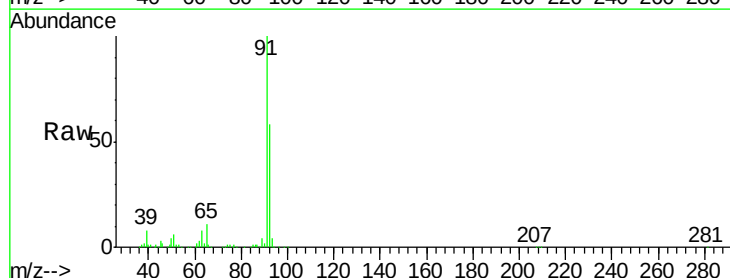
Manual Integrations
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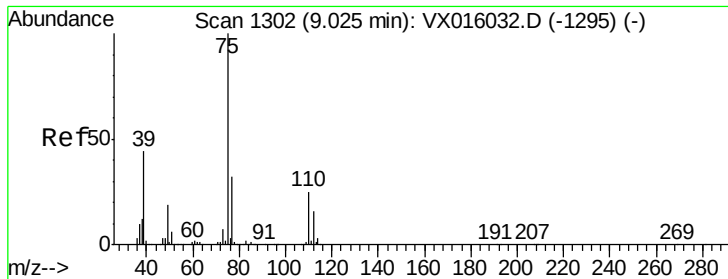
MMDadoda
 5/21/2020 1:11:52 PM



#52
 Toluene
 Concen: 55.469 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion: 92 Resp: 398707
 Ion Ratio Lower Upper
 92 100
 91 167.2 134.5 201.7





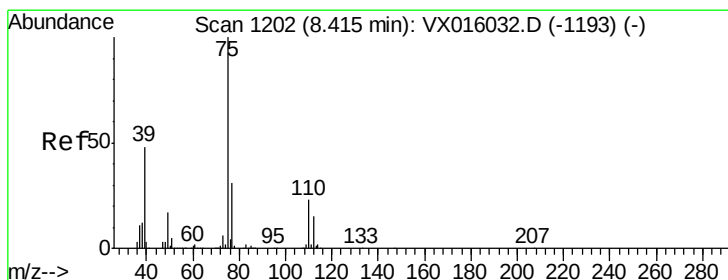
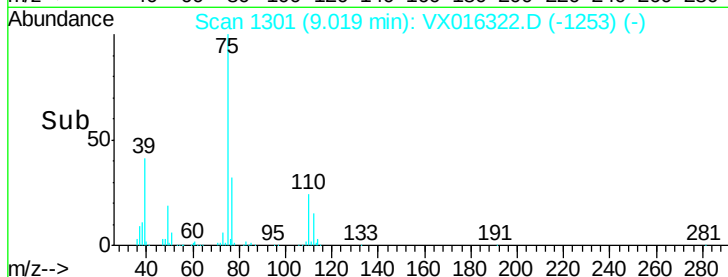
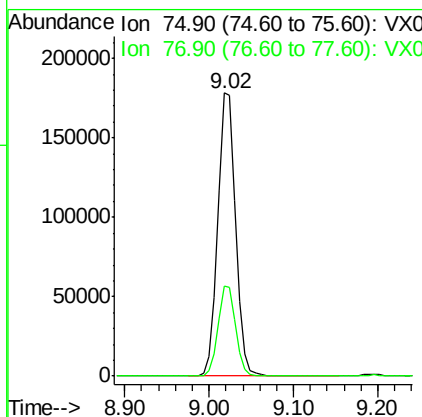
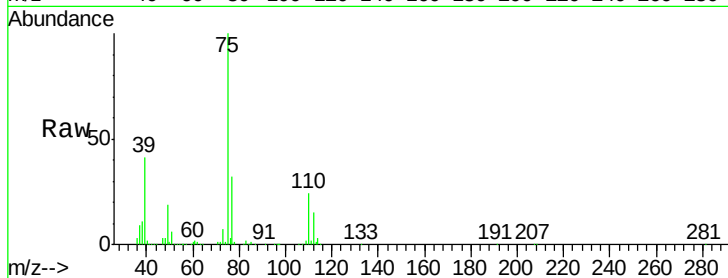
#53
t-1,3-Dichloropropene
Concen: 54.522 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.7	38.5

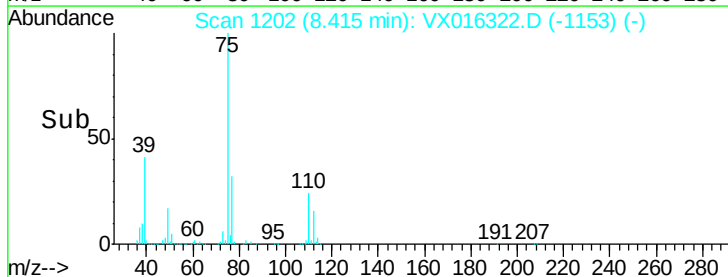
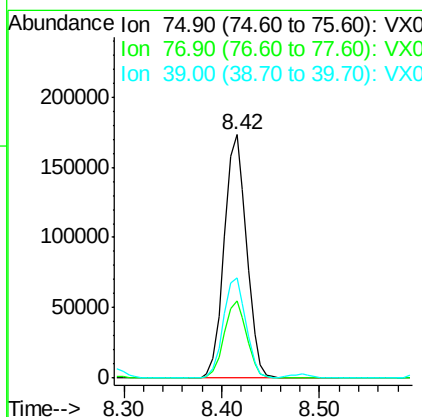
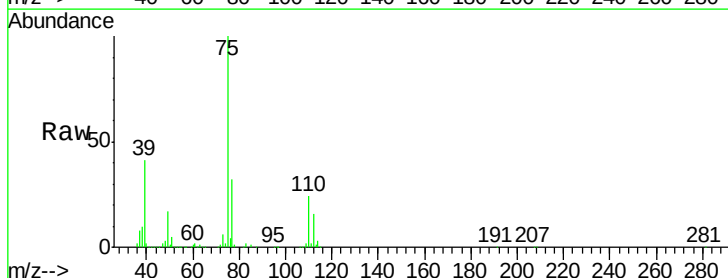
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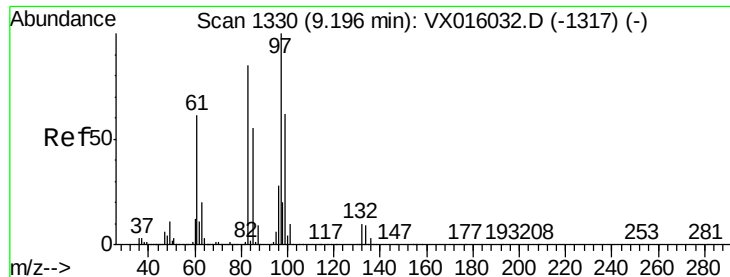
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.732 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.7	37.1
39	41.2	38.7	58.1





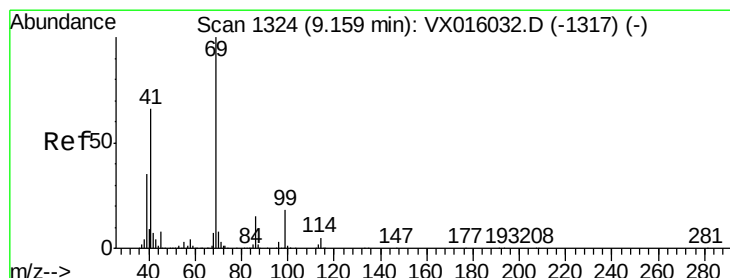
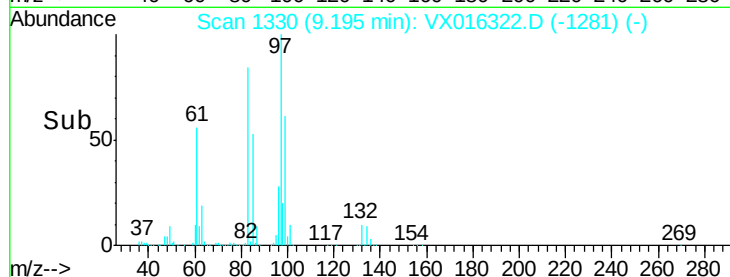
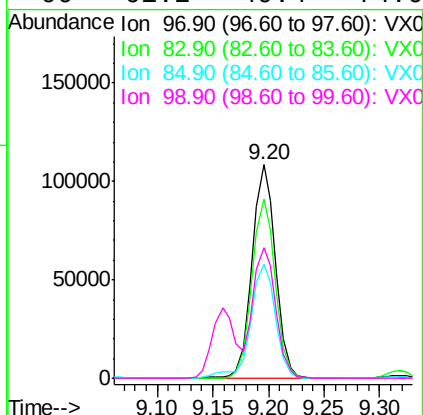
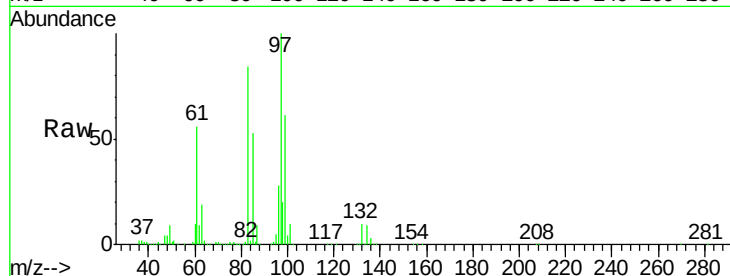
#55
 1,1,2-Trichloroethane
 Concen: 56.390 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		159470		
83	84.0	67.8	101.8		
85	53.1	43.8	65.8		
99	61.2	49.4	74.0		

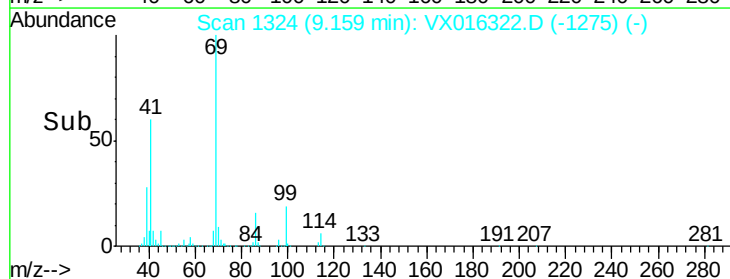
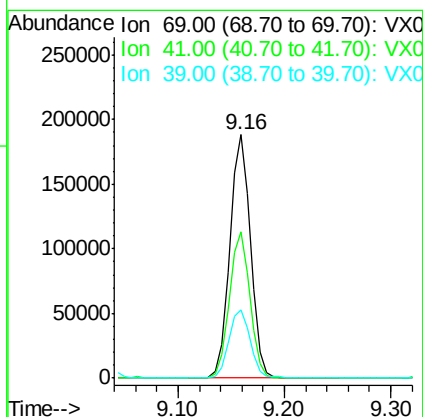
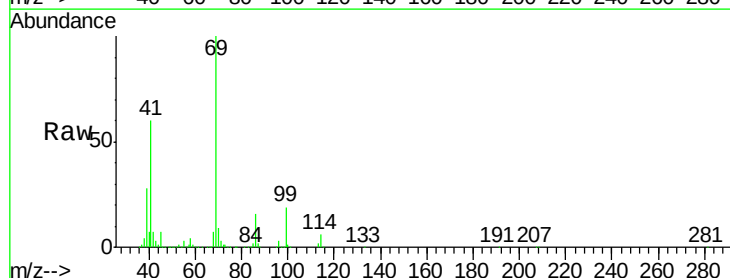
Manual Integrations
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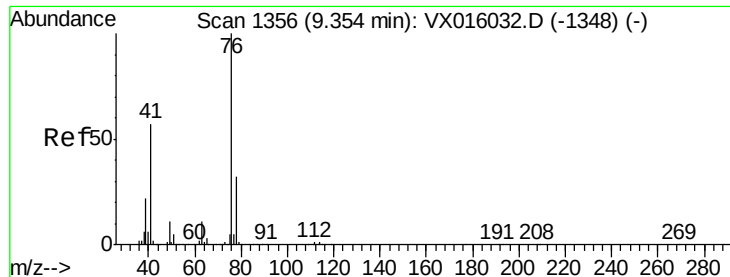
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 5/21/2020 1:11:52 PM



#56
 Ethyl methacrylate
 Concen: 55.561 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		256478		
41	59.7	52.2	78.4		
39	29.4	28.2	42.4		





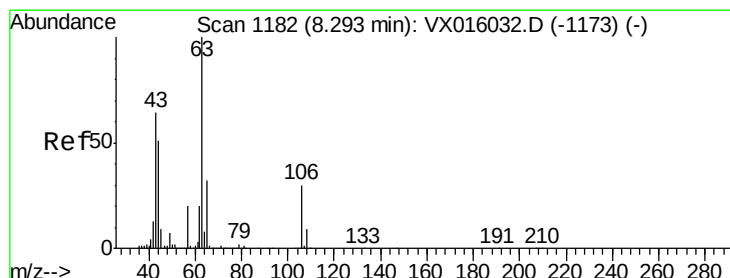
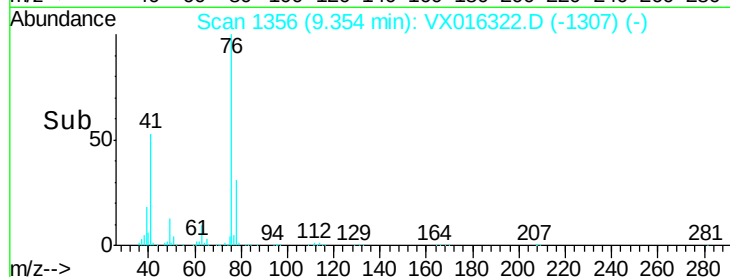
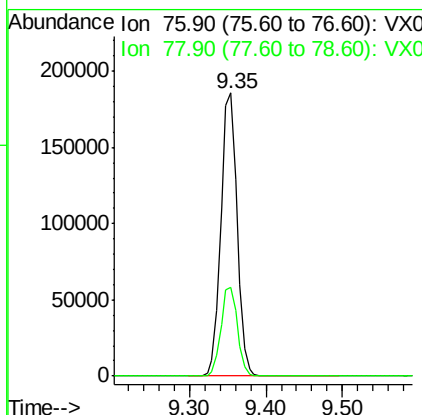
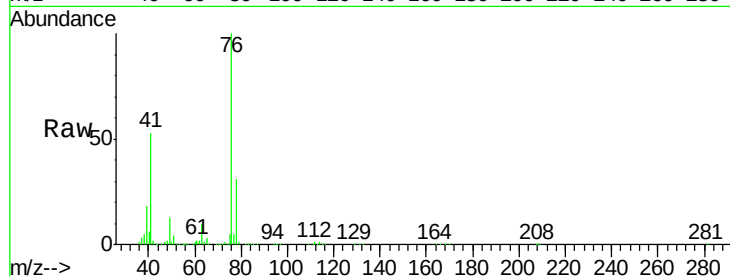
#57
 1,3-Dichloropropane
 Concen: 55.150 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.9	38.9

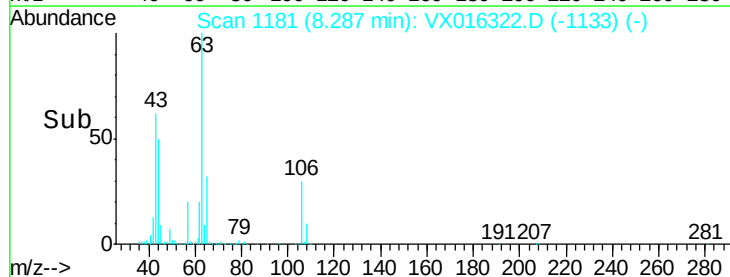
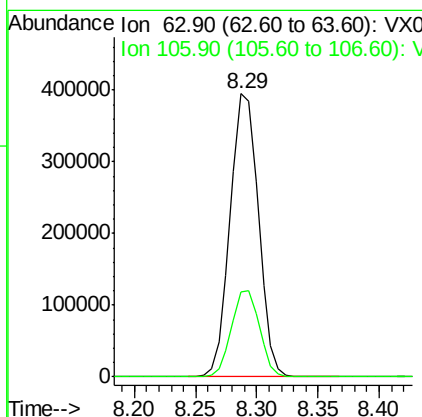
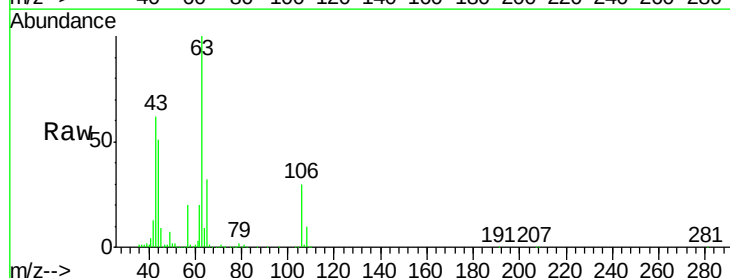
Manual Integrations
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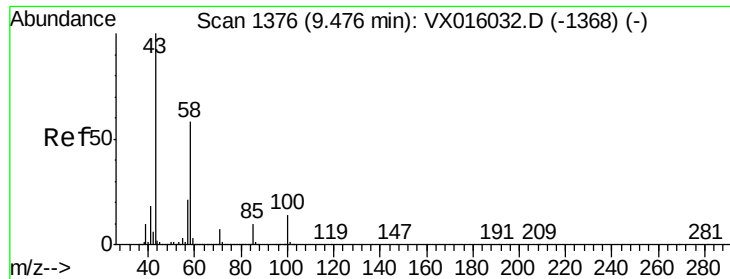
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.288 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	23.4	35.2





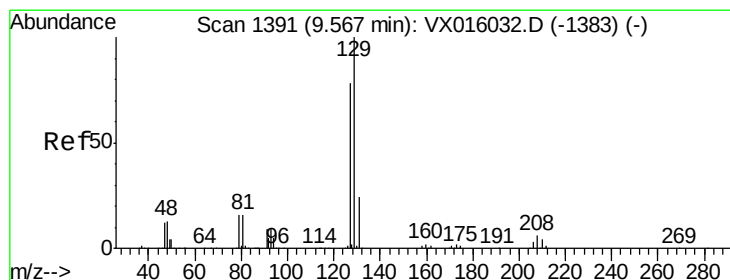
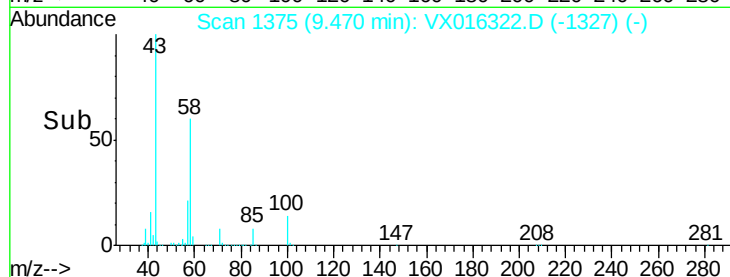
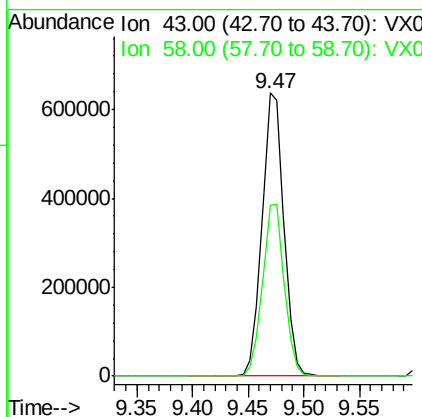
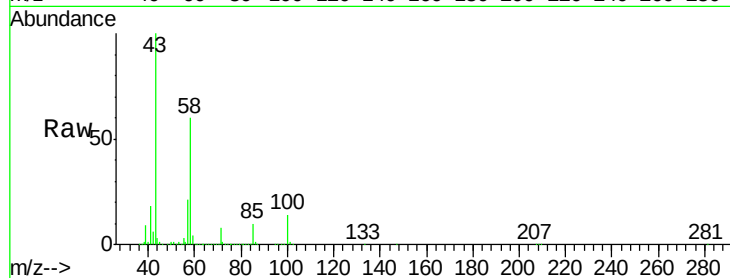
#59
2-Hexanone
Concen: 250.707 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.8	28.6	85.9

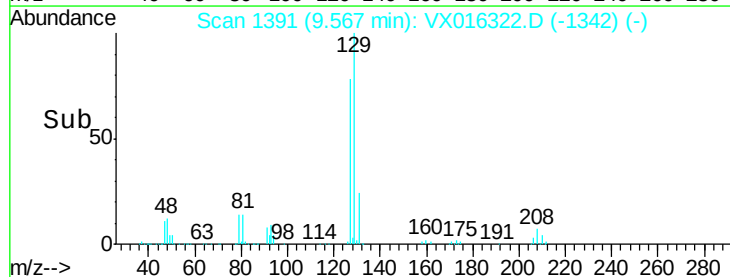
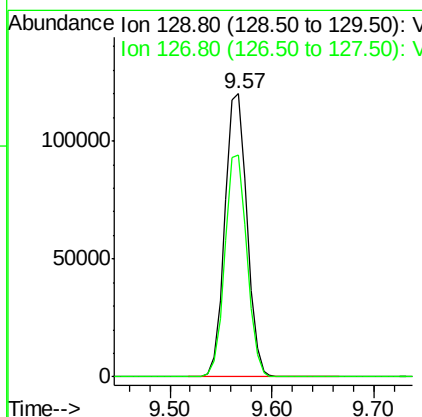
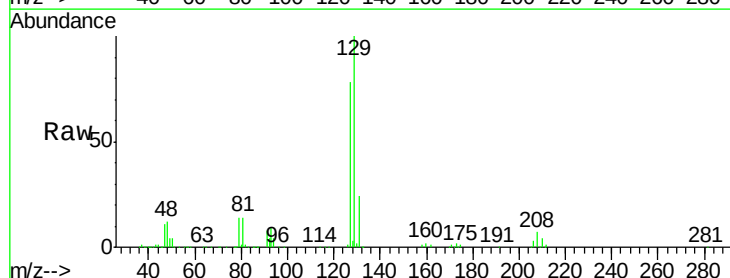
Manual Integrations
APPROVED

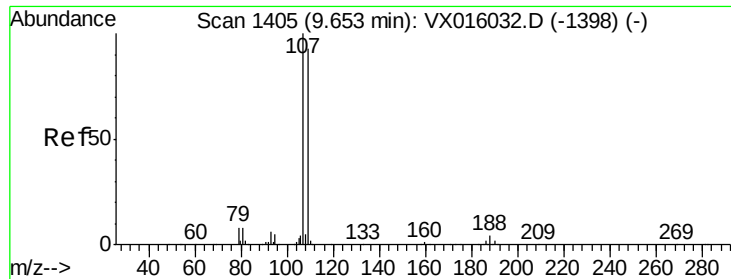
MMDadoda
5/21/2020 1:11:52 PM



#60
Dibromochloromethane
Concen: 57.838 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2





#61

1,2-Dibromoethane

Concen: 54.783 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 167811

Ion Ratio Lower Upper

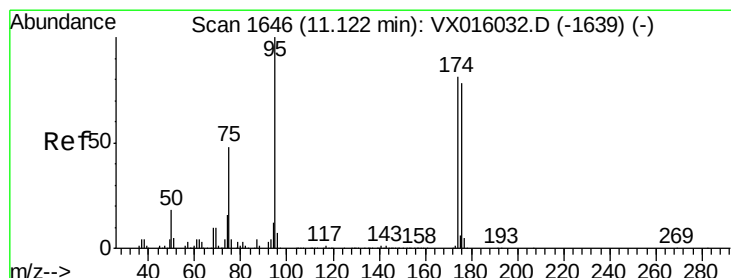
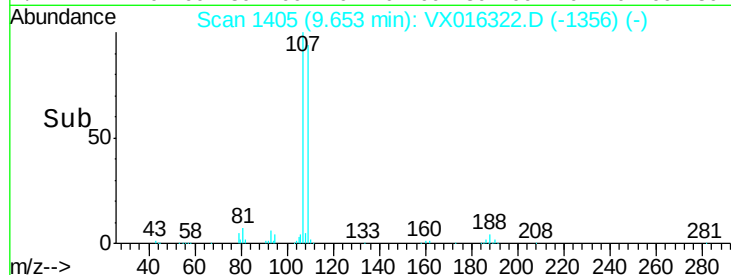
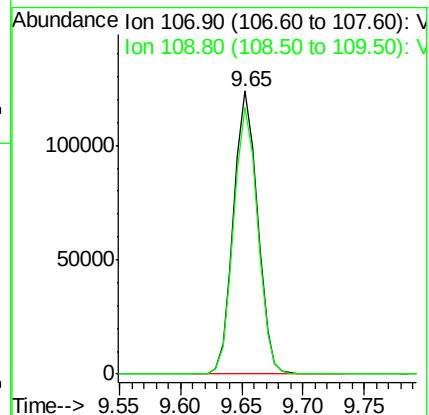
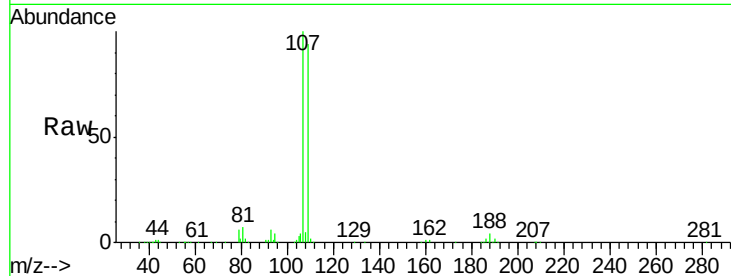
107 100

109 94.8 74.9 112.3

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#62

4-Bromofluorobenzene

Concen: 51.540 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

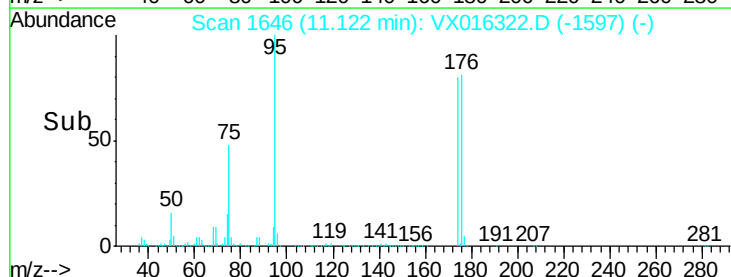
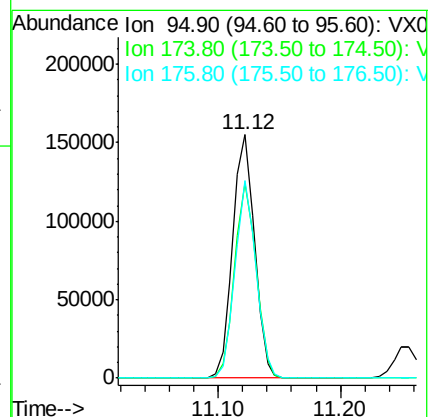
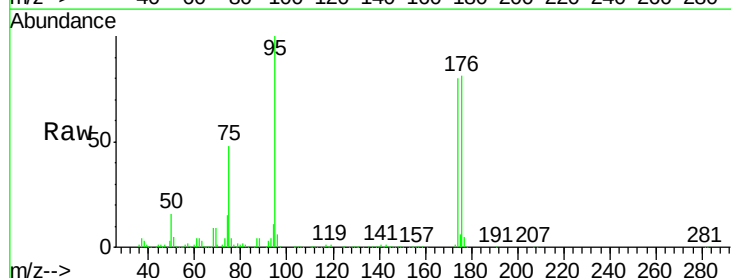
Tgt Ion: 95 Resp: 191594

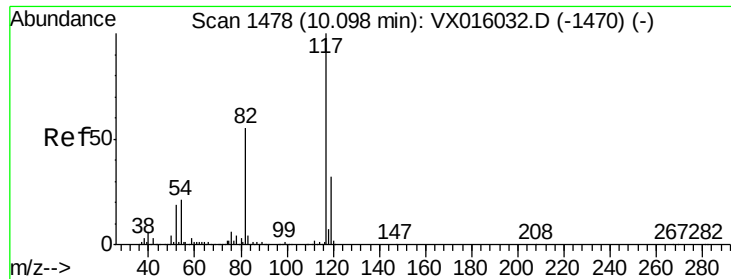
Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.4

176 77.6 0.0 157.6





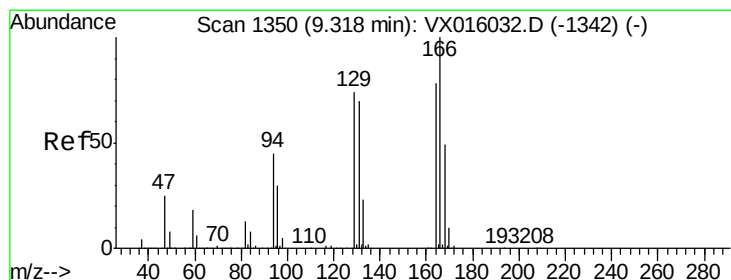
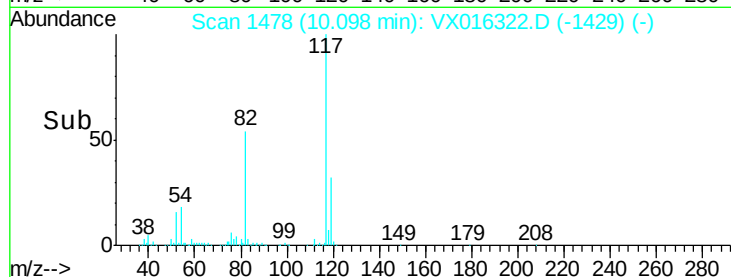
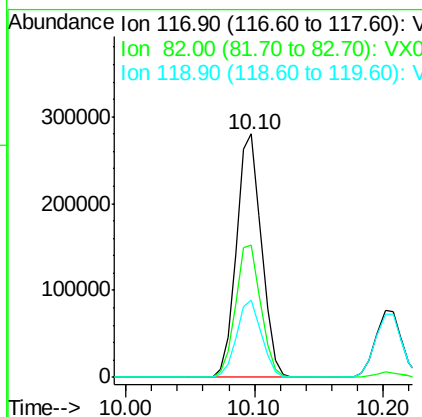
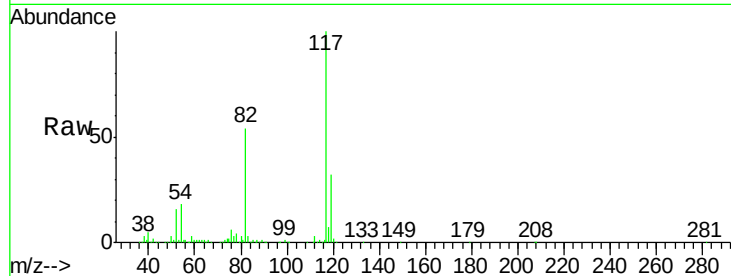
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	377999		
82	54.4		44.4	66.6
119	31.6		25.5	38.3

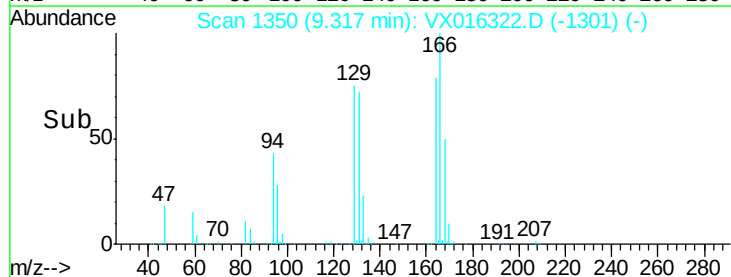
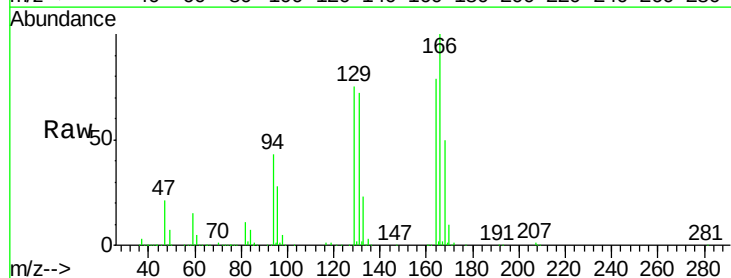
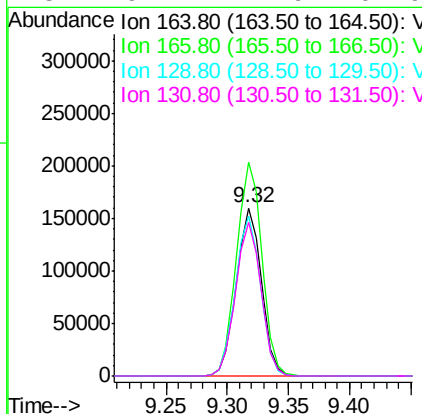
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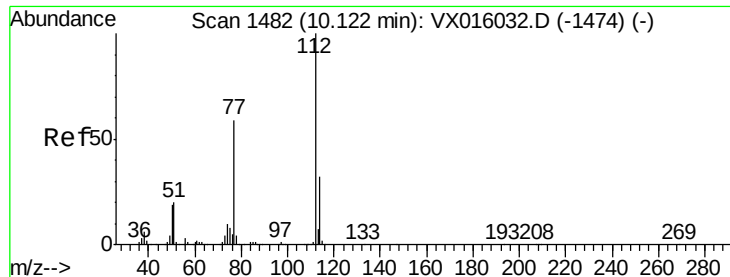
MMDadoda
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#64
Tetrachloroethene
Concen: 48.672 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	225860		
166	126.9		102.9	154.3
129	95.2		76.1	114.1
131	91.4		71.9	107.9





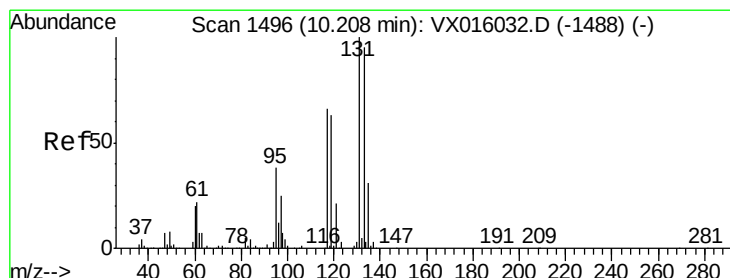
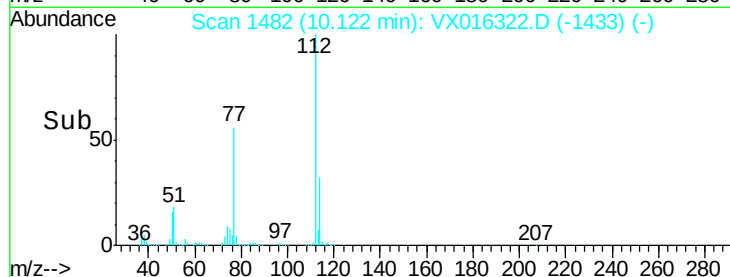
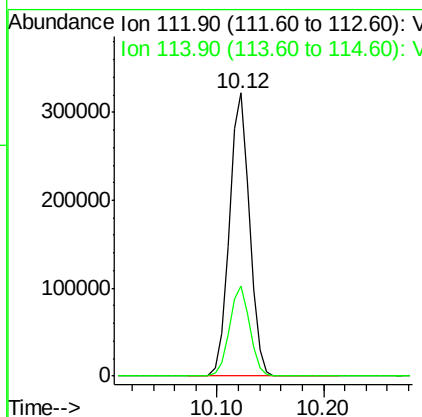
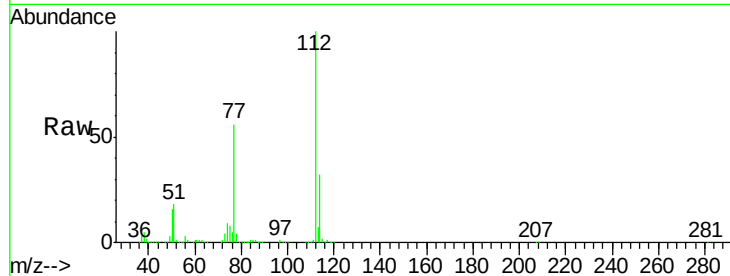
#65
Chlorobenzene
Concen: 53.967 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 427142
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

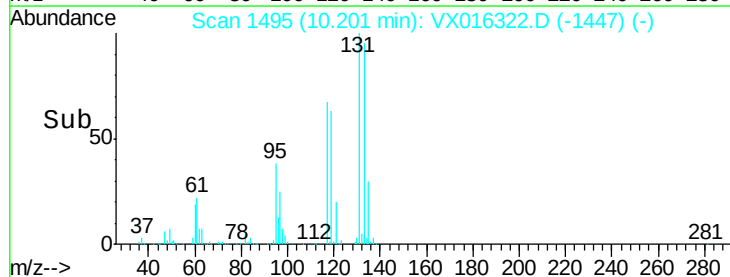
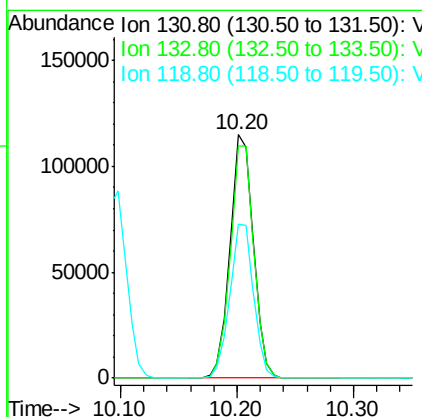
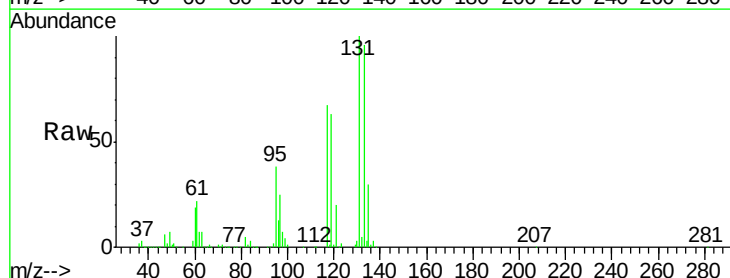
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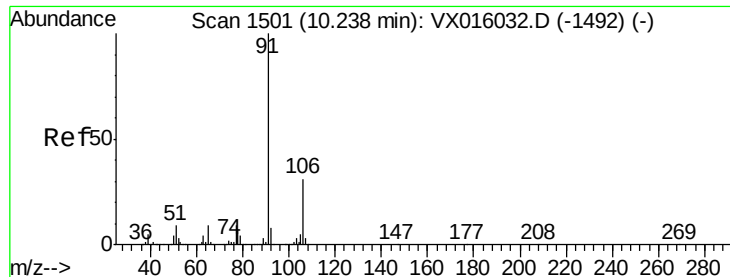
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.886 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion:131 Resp: 160566
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.8
119 64.4 32.3 96.9





#67

Ethyl Benzene

Concen: 53.824 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 760114

Ion Ratio Lower Upper

91 100

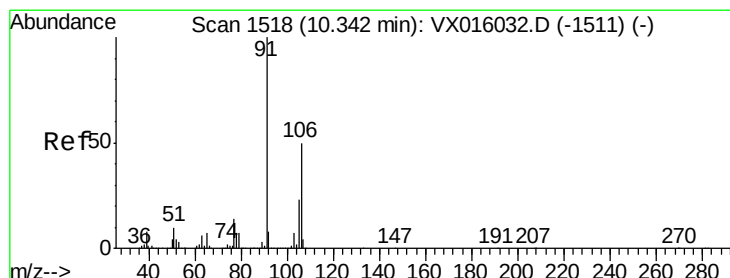
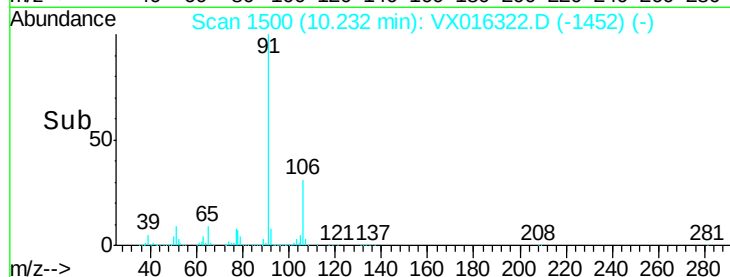
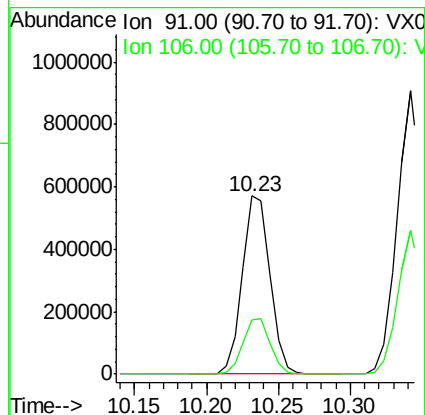
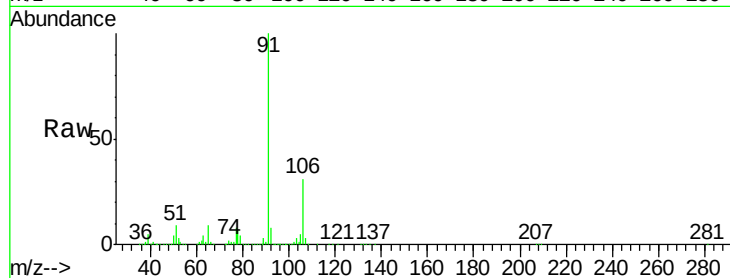
106 30.7 25.1 37.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 109.140 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016322.D

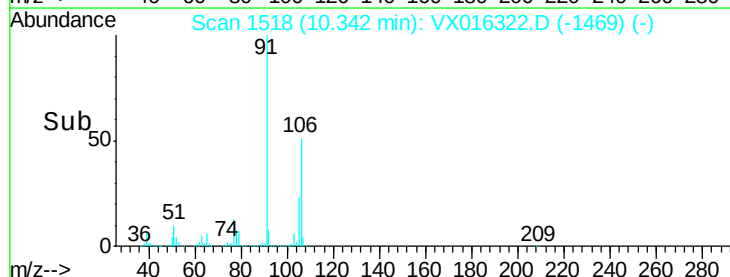
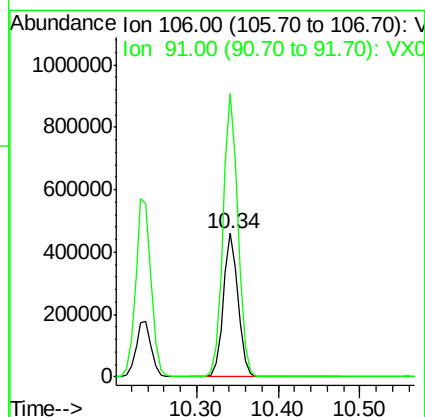
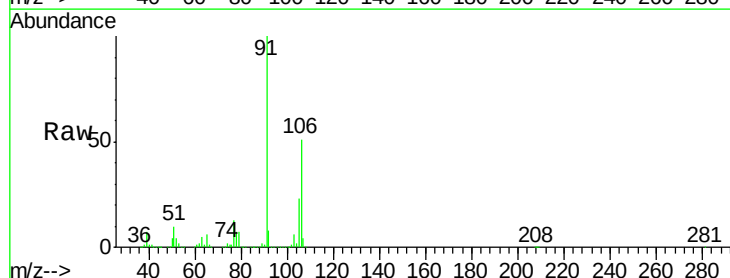
Acq: 19 May 2020 10:01

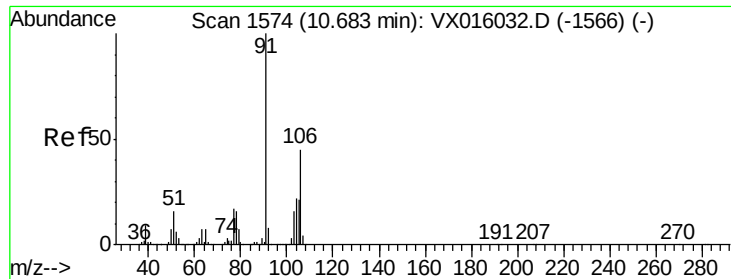
Tgt Ion: 106 Resp: 577461

Ion Ratio Lower Upper

106 100

91 201.0 161.7 242.5





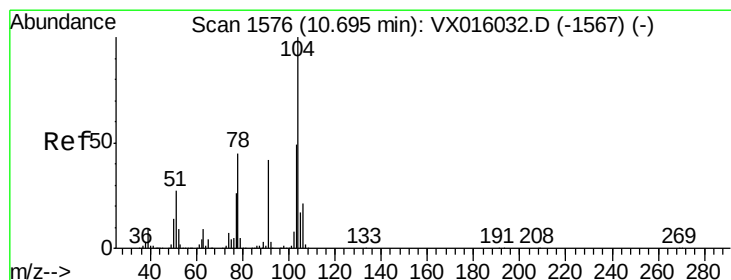
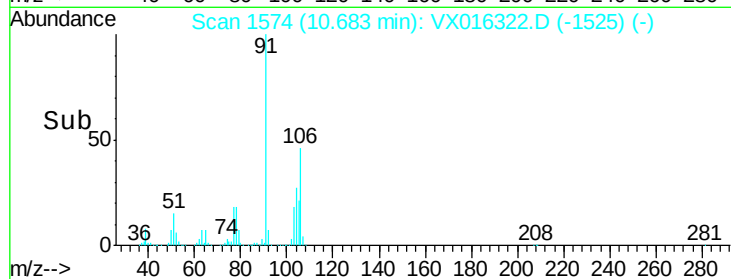
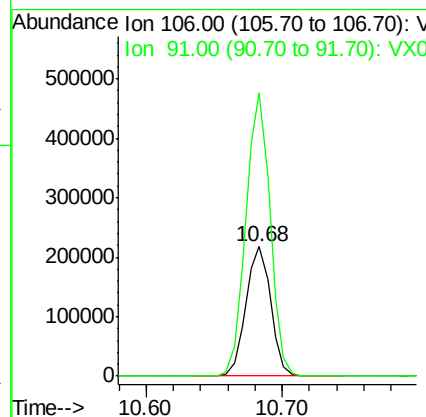
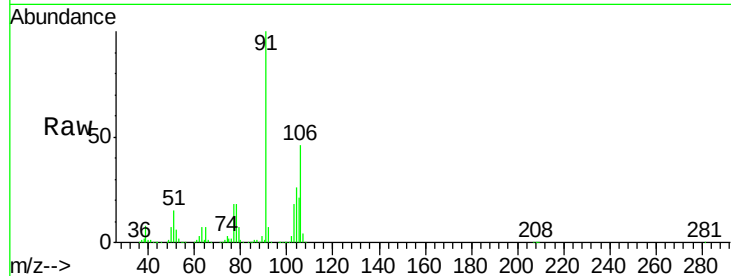
#69
o-Xylene
Concen: 54.470 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
277029	106	100		
	91	213.9	107.5	322.6

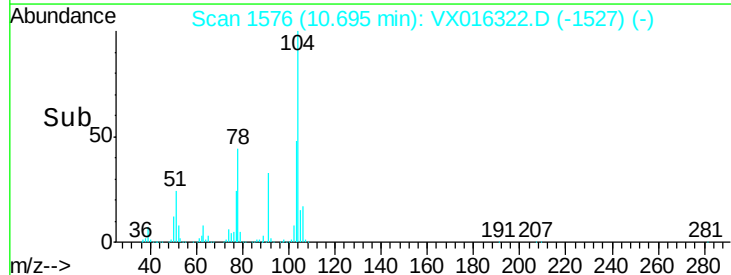
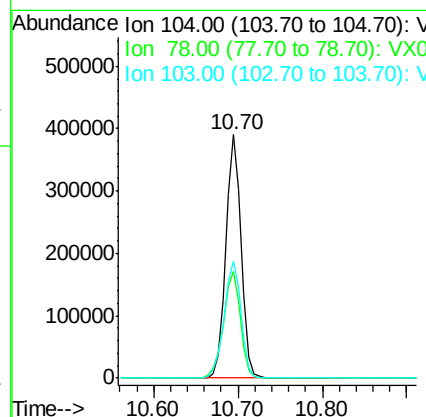
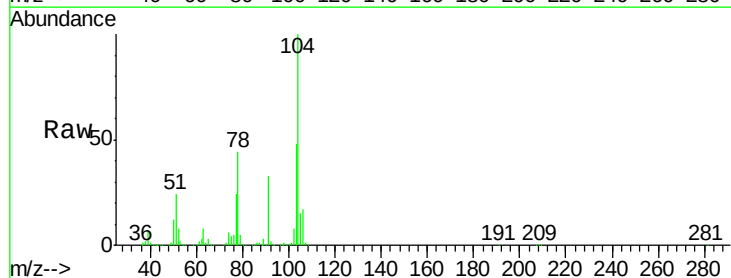
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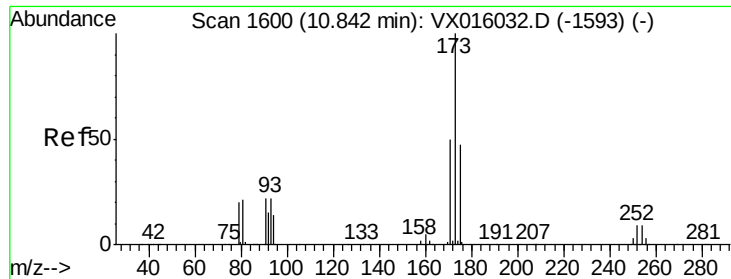
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5/21/2020 1:11:52 PM



#70
Styrene
Concen: 56.752 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ion	Ratio	Lower	Upper
489673	104	100		
	78	48.8	40.2	60.2
	103	53.1	43.0	64.6





#71

Bromoform

Concen: 57.181 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

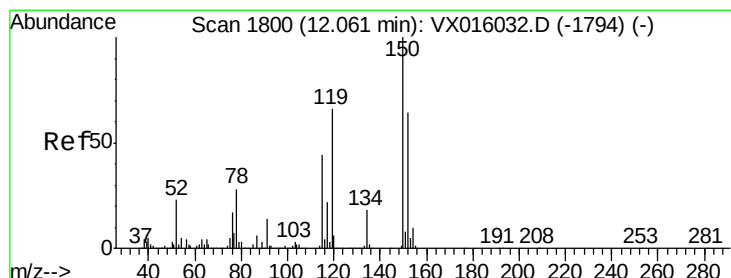
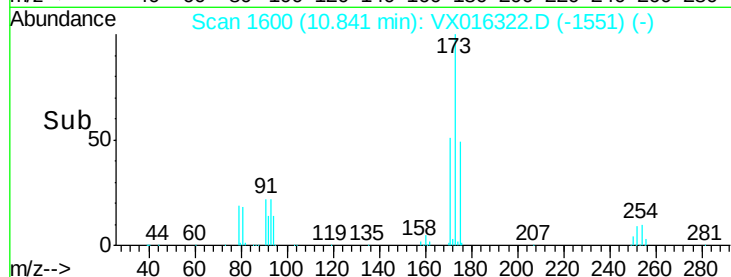
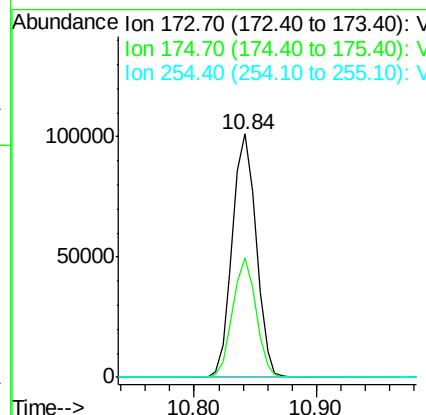
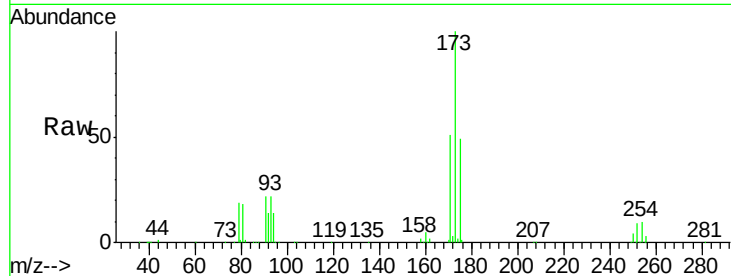
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.0	72.0
254	0.0	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

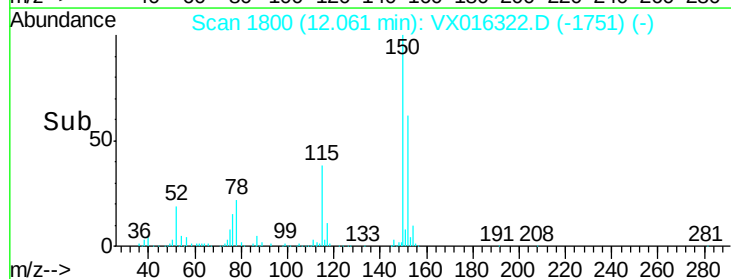
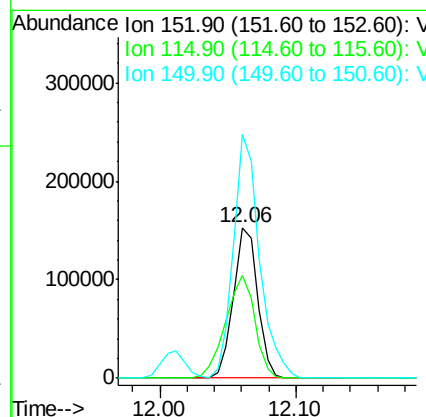
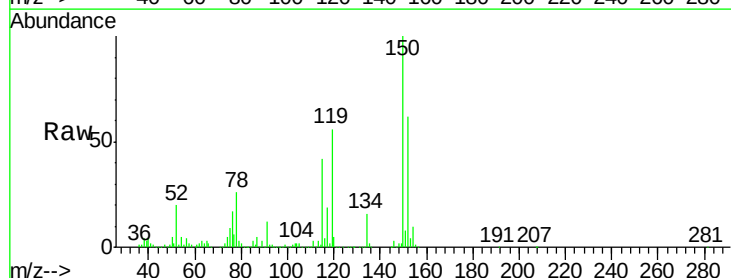
RT: 12.06 min Scan# 1800

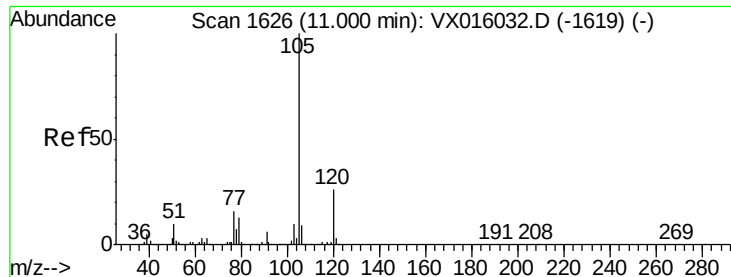
Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.3	41.3	124.1
150	175.8	0.0	352.2





#73

Isopropylbenzene

Concen: 52.796 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 724122

Ion Ratio Lower Upper

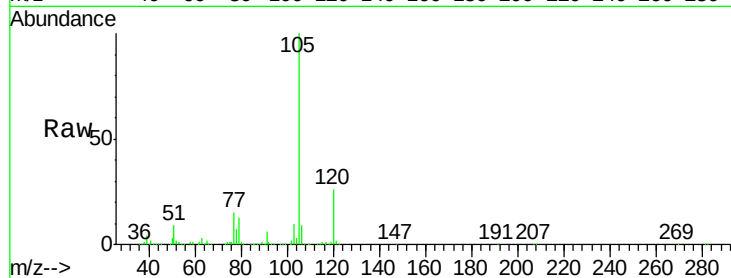
105 100

120 26.2 13.4 40.2

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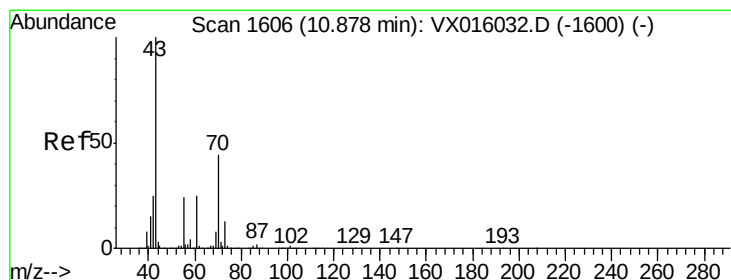
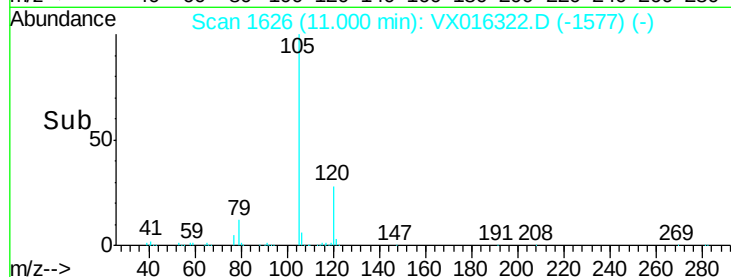
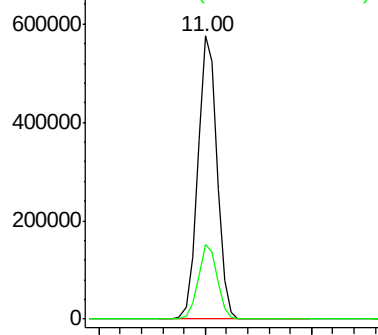
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.491 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Tgt Ion: 43 Resp: 316613

Ion Ratio Lower Upper

43 100

70 48.2 36.5 54.7

55 26.1 19.7 29.5

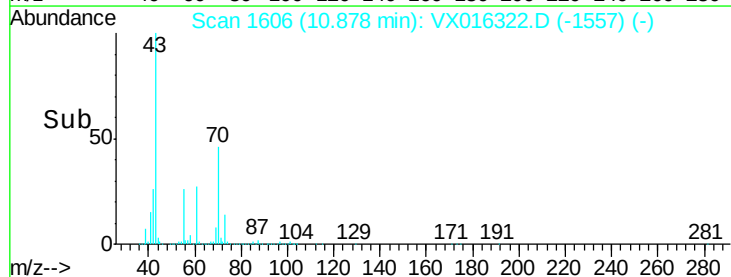
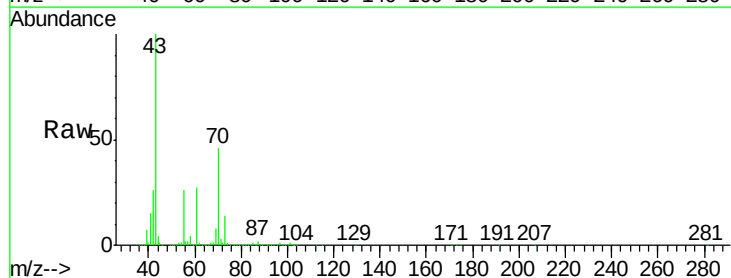
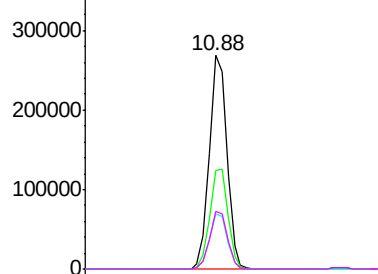
61 26.9 20.9 31.3

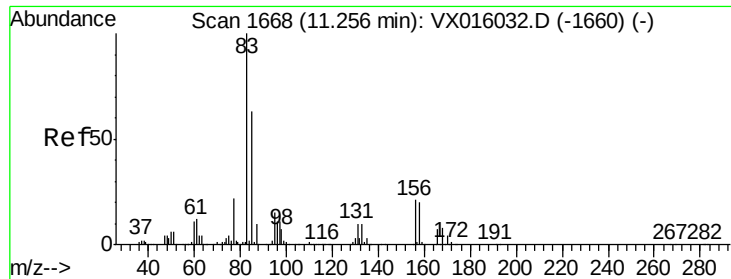
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 61.717 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

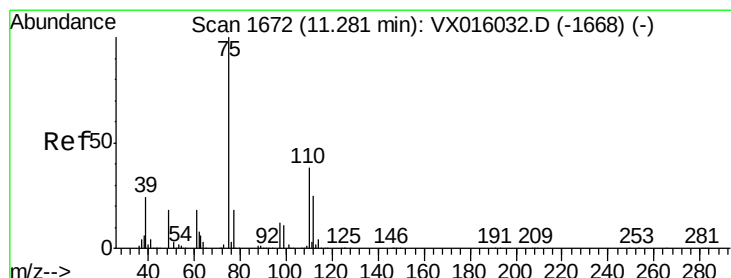
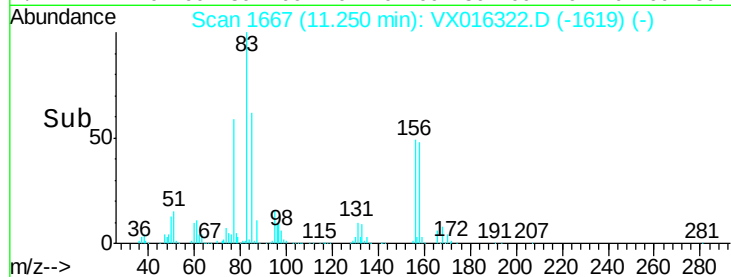
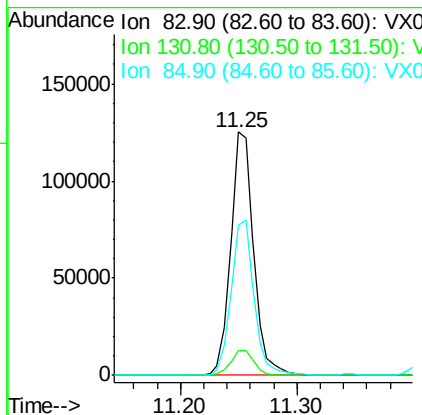
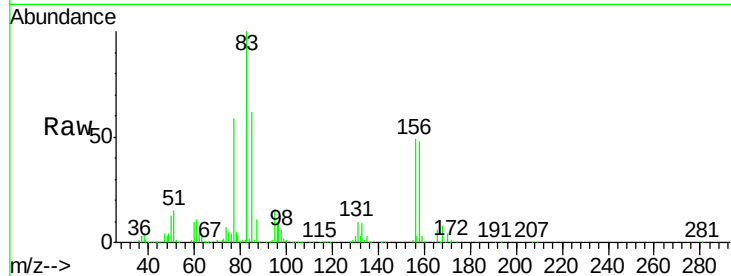
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	171211
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 52.961 ug/l m

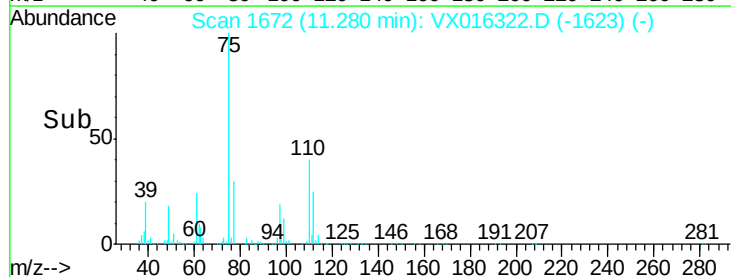
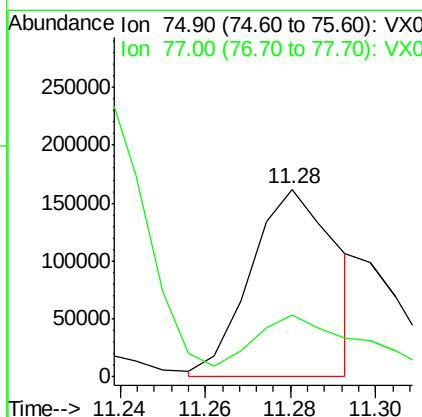
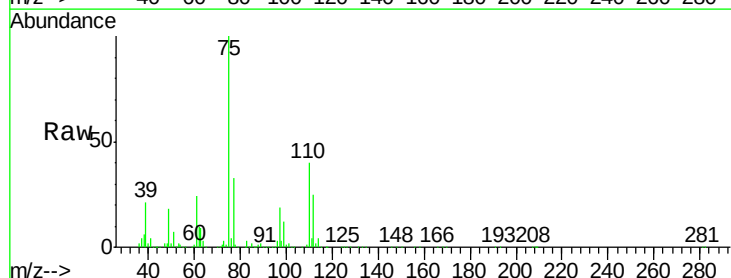
RT: 11.28 min Scan# 1672

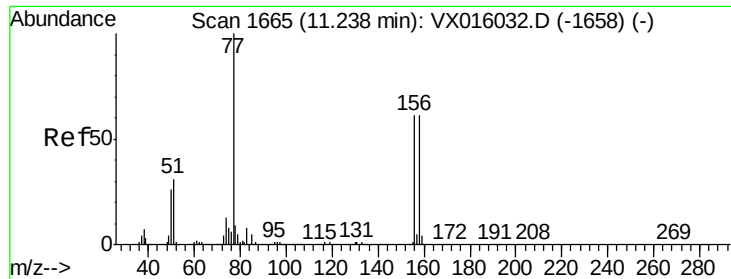
Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Tgt Ion:	75	Resp:	226621
Ion Ratio	Lower	Upper	
75	100		
77	42.4	21.2	63.6





#77

Bromobenzene

Concen: 52.285 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

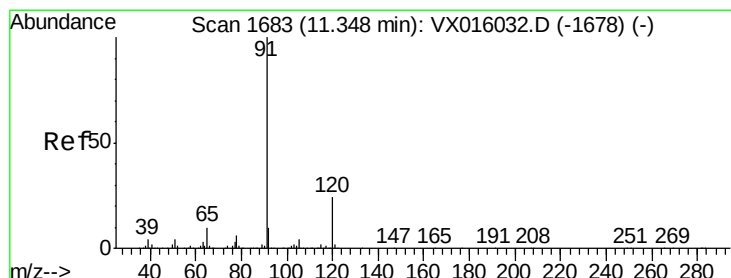
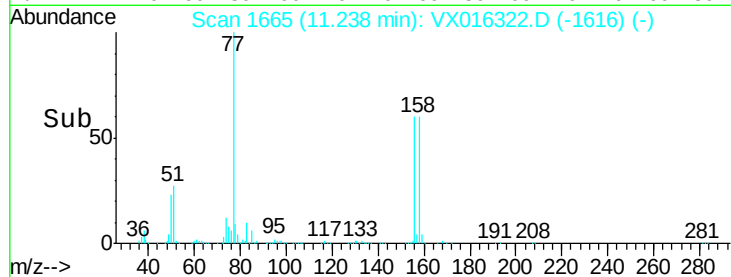
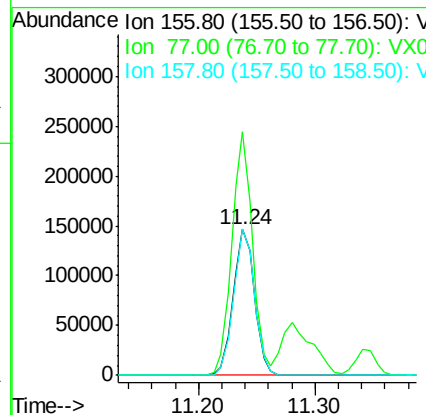
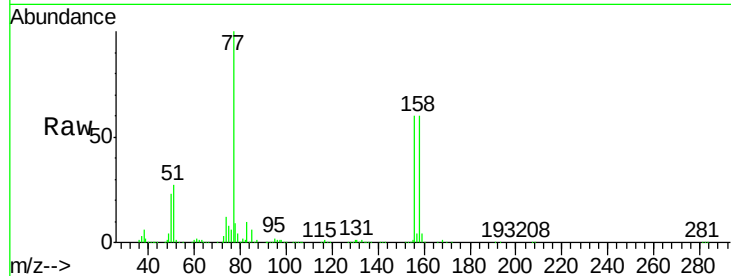
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	185097
Ion Ratio	Lower	Upper	
156	100		
77	162.1	80.1	240.3
158	98.9	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 51.229 ug/l

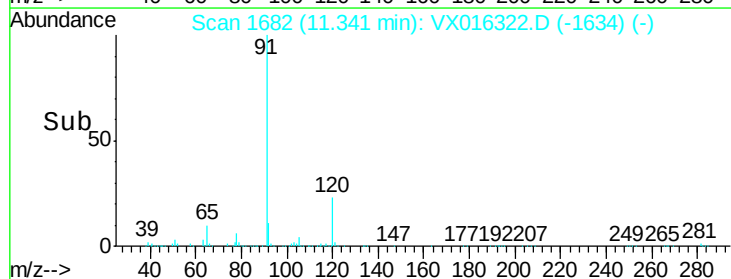
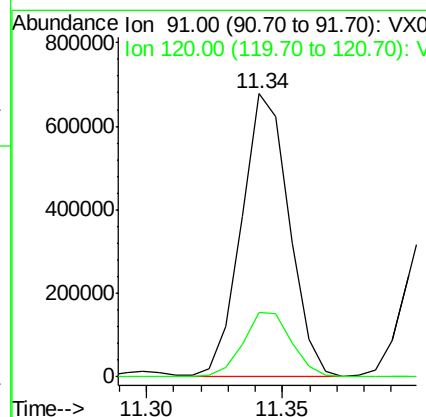
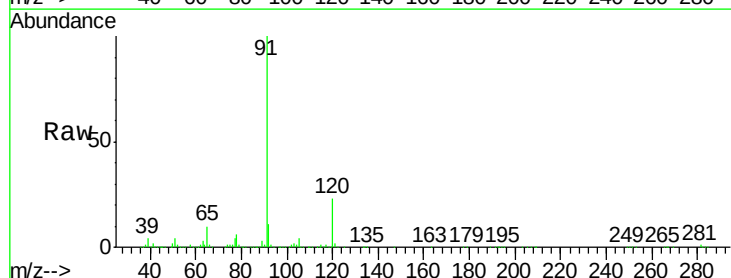
RT: 11.34 min Scan# 1682

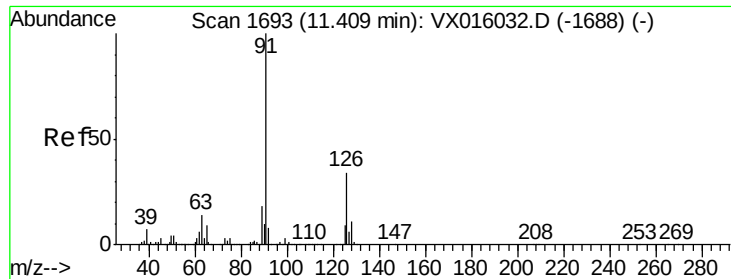
Delta R.T. -0.01 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Tgt Ion:	91	Resp:	817394
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.5





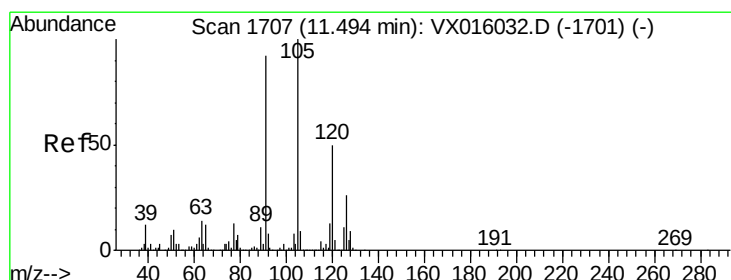
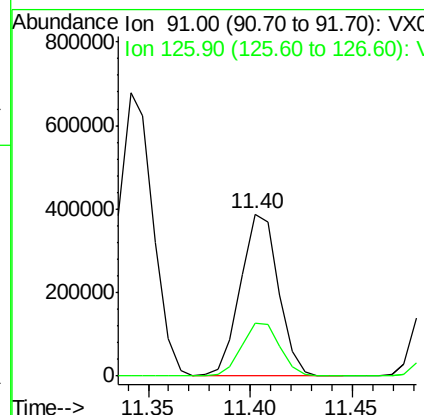
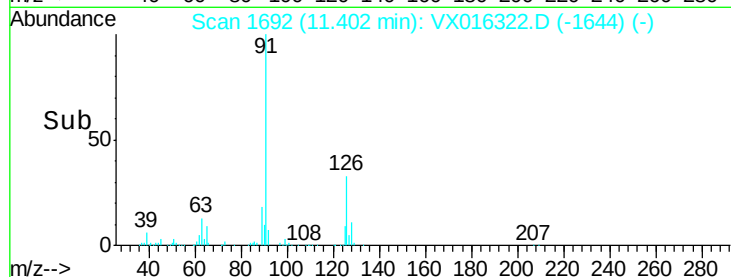
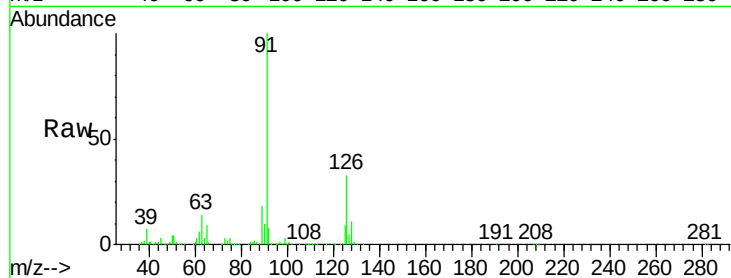
#79
 2-Chlorotoluene
 Concen: 53.002 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.9	50.6

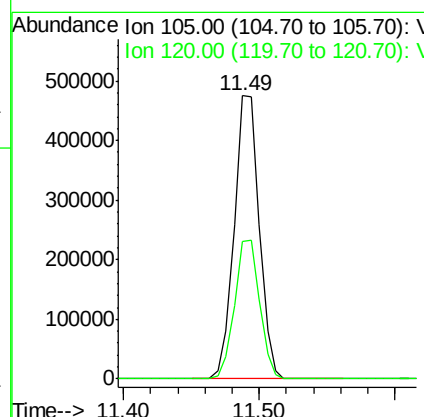
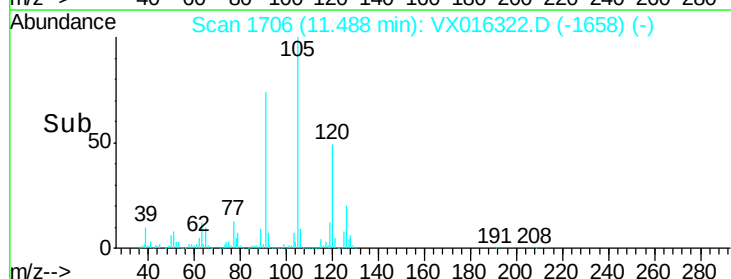
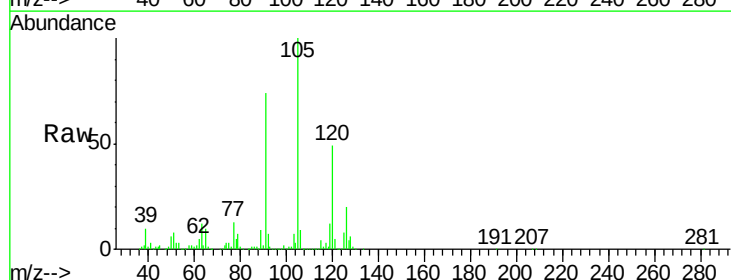
Manual Integrations
 APPROVED

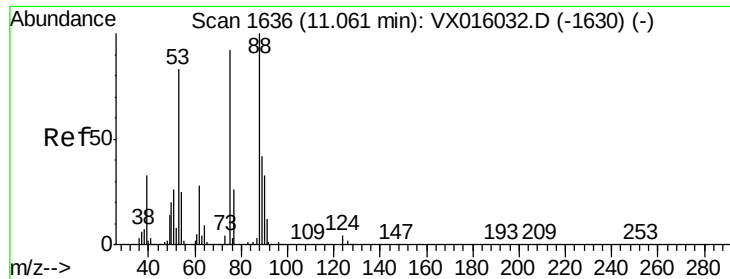
MMDadoda
 5/21/2020 1:11:52 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.218 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.6	74.0





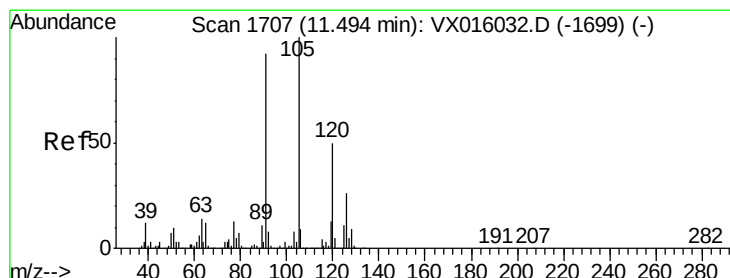
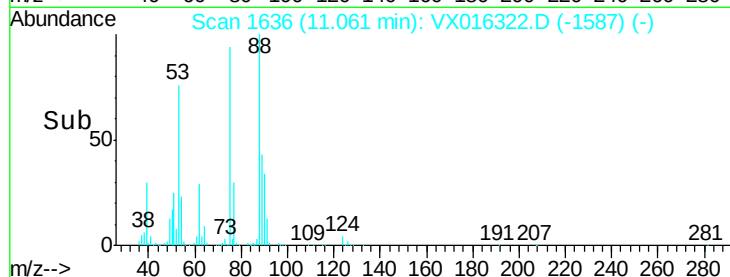
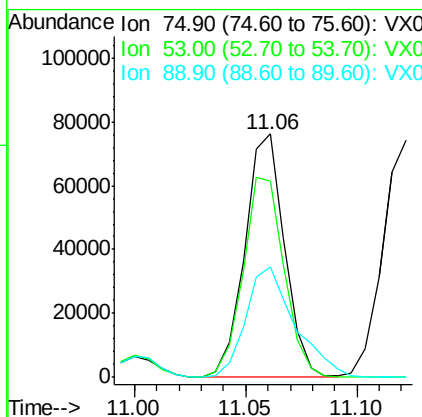
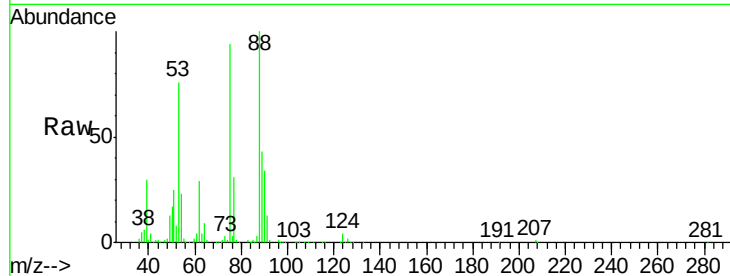
#81
trans-1,4-Dichloro-2-butene
Concen: 52.312 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.7	73.1	109.7
89	56.8	36.7	55.1#

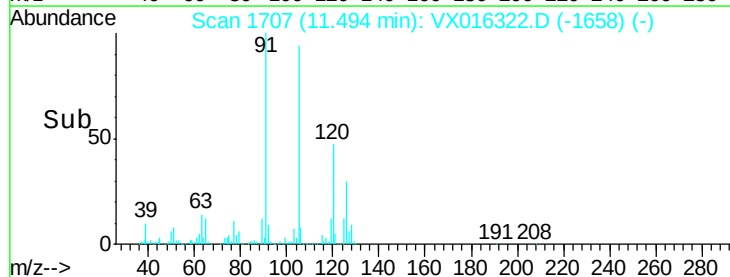
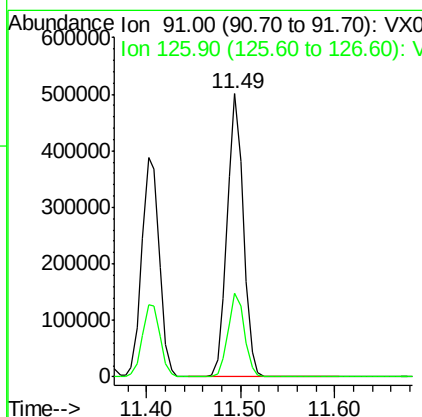
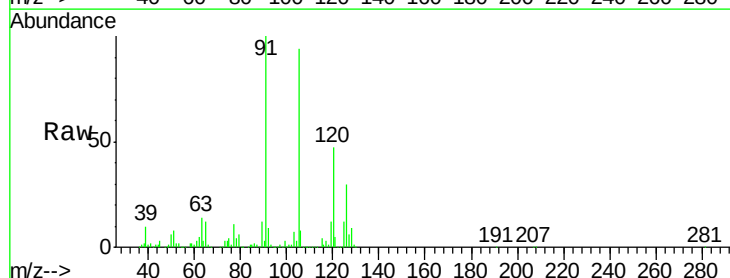
Manual Integrations
APPROVED

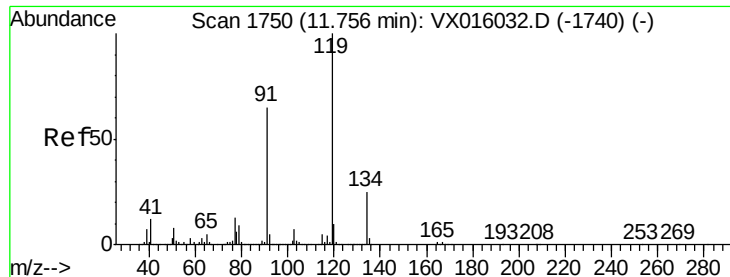
MMDadoda
5/21/2020 1:11:52 PM



#82
4-Chlorotoluene
Concen: 53.786 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.8	44.3





#83

tert-Butylbenzene

Concen: 49.860 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

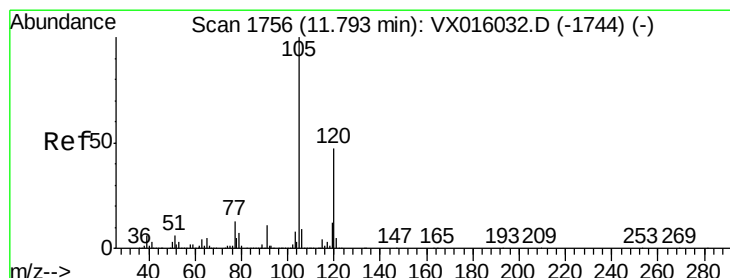
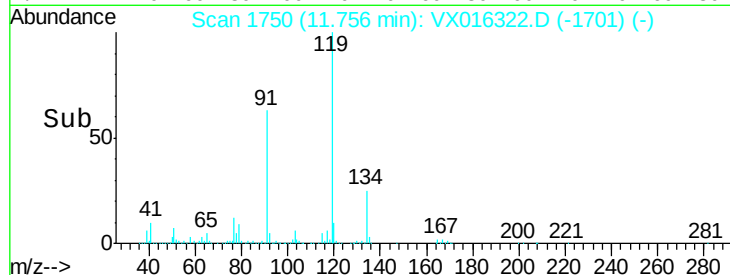
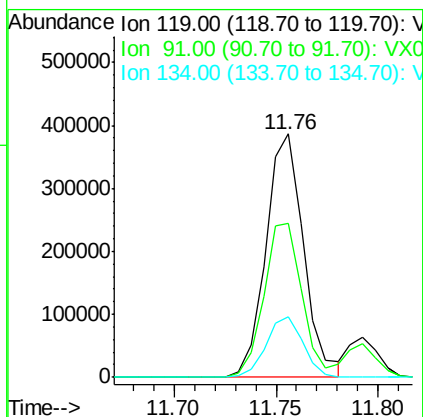
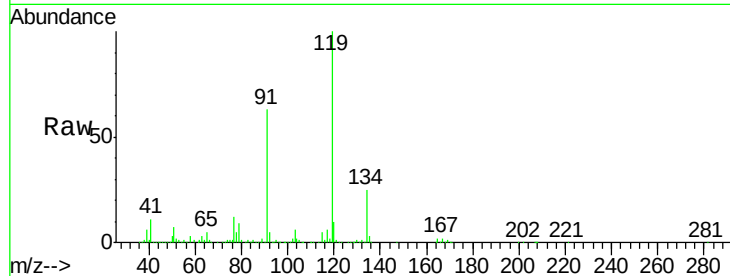
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		497590		
91	63.4	32.8	98.4		
134	24.4	12.4	37.0		

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.818 ug/l

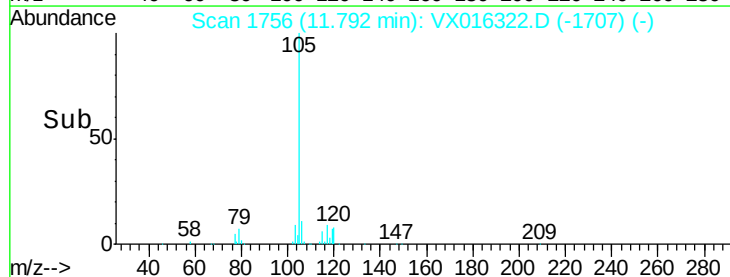
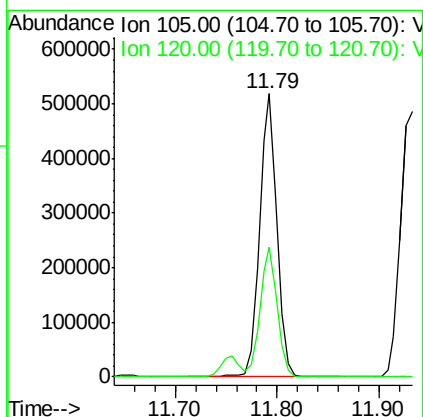
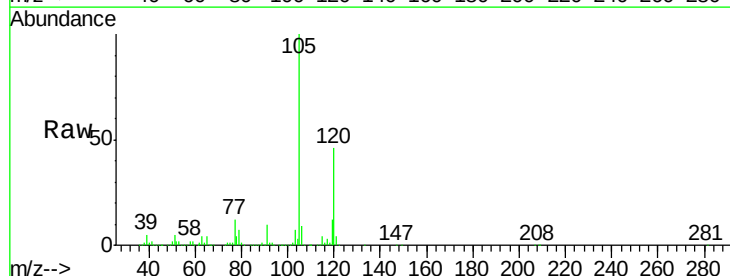
RT: 11.79 min Scan# 1756

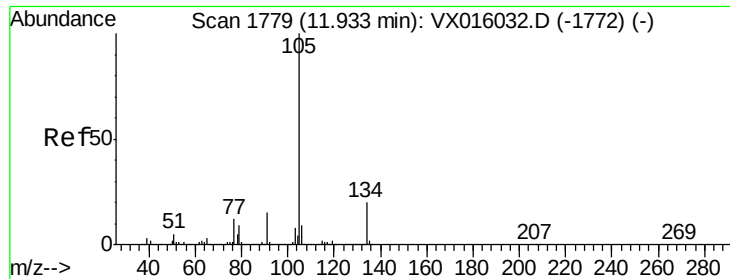
Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		618367		
120	45.2	23.0	69.0		





#85

sec-Butylbenzene

Concen: 45.934 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 618948

Ion Ratio Lower Upper

105 100

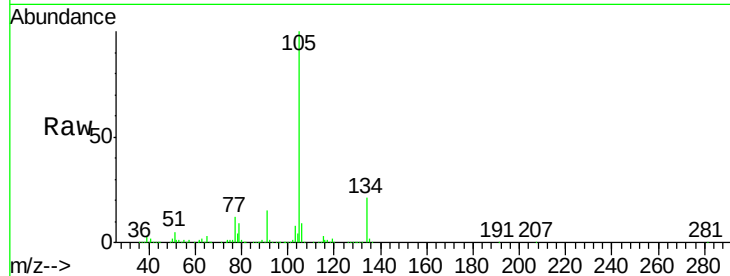
134 20.3 10.1 30.3

Manual Integrations

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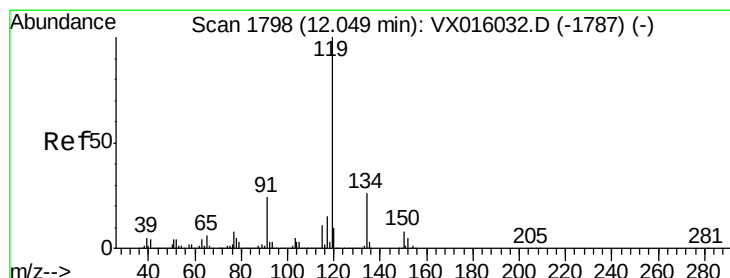
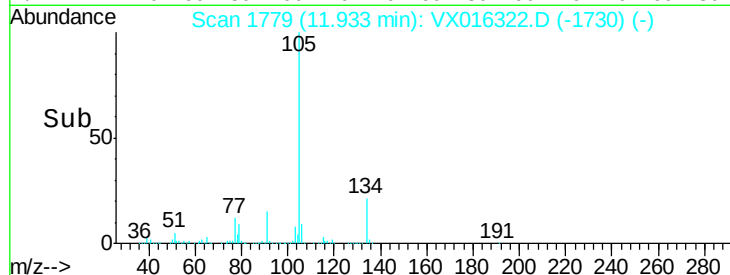
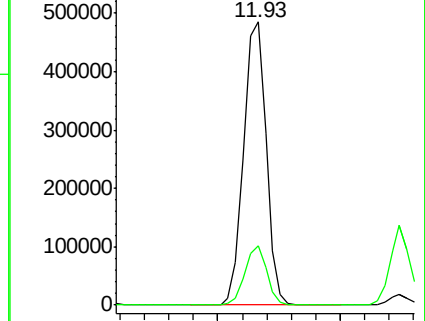
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.303 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016322.D

Acq: 19 May 2020 10:01

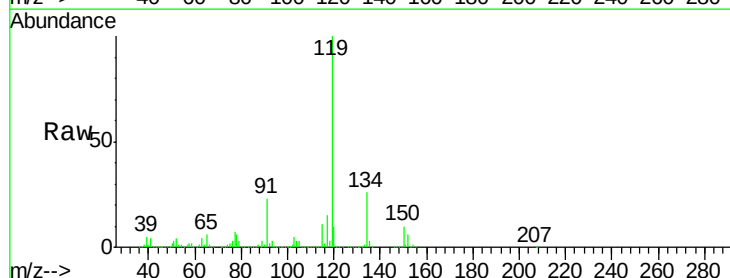
Tgt Ion:119 Resp: 591786

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

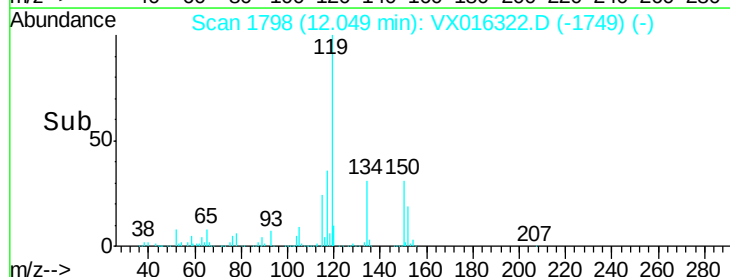
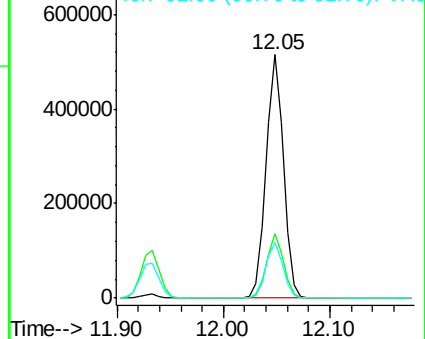
91 22.9 11.8 35.4

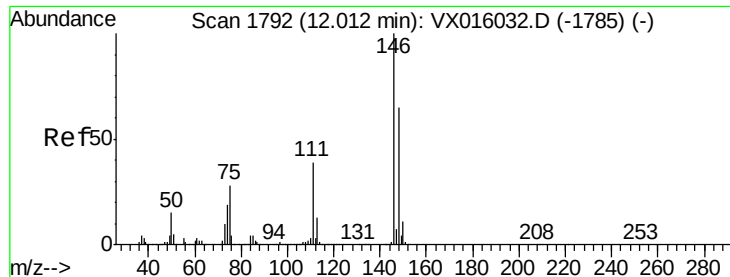


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





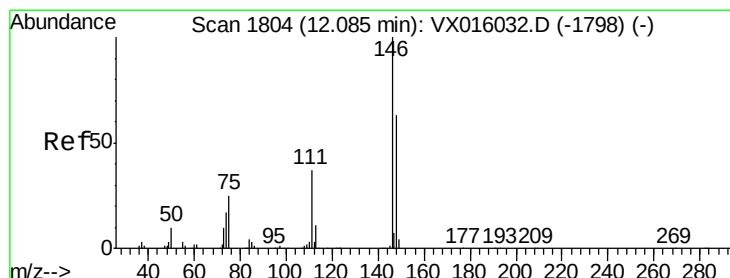
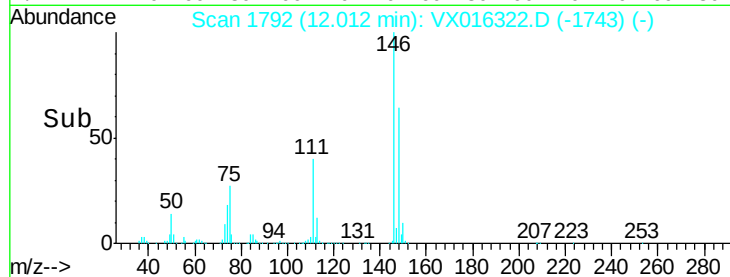
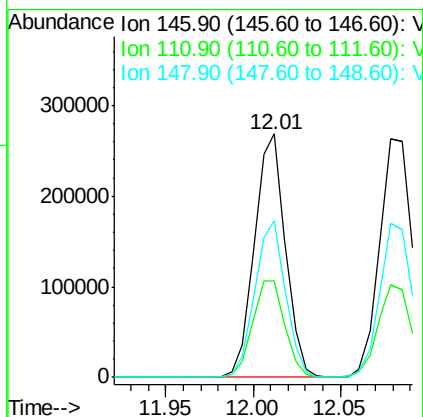
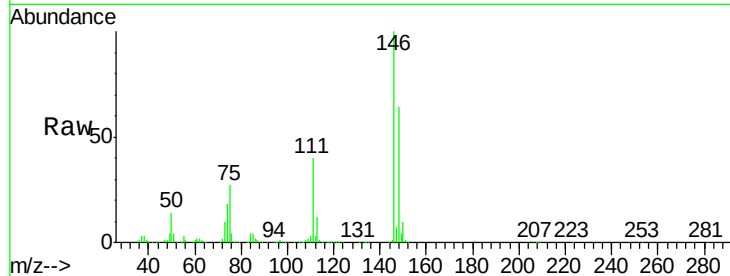
#87
 1,3-Dichlorobenzene
 Concen: 51.892 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	329850		
111	41.4	20.2	60.6	
148	64.0	32.1	96.3	

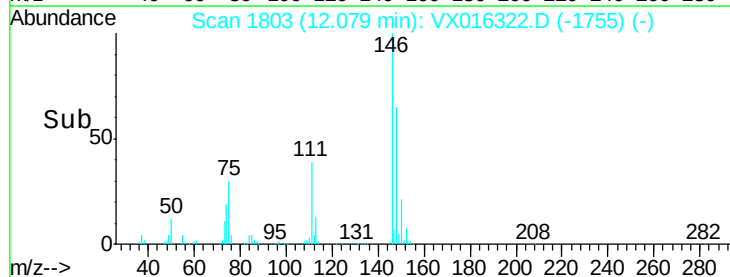
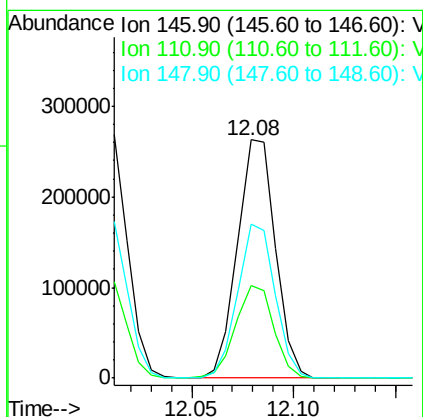
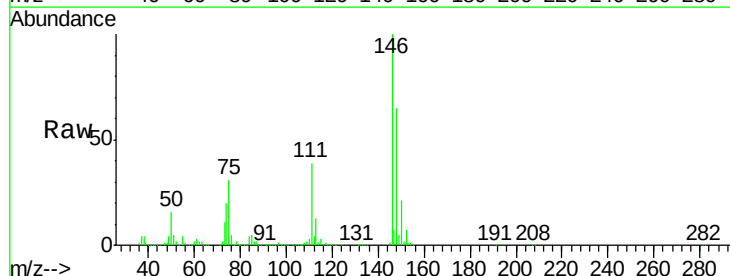
Manual Integrations
 APPROVED

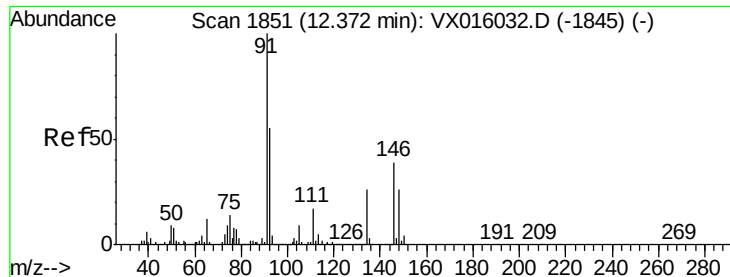
MMDadoda
 5/21/2020 1:11:52 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.811 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	340721		
111	39.1	19.6	58.7	
148	63.5	31.8	95.3	





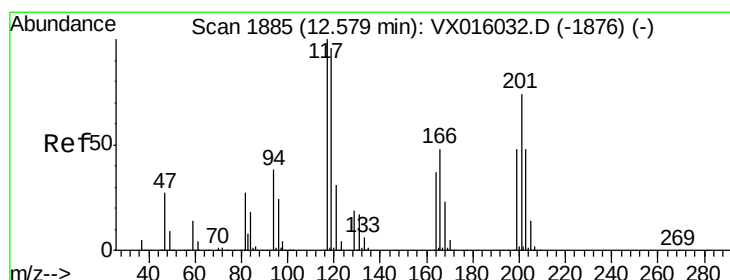
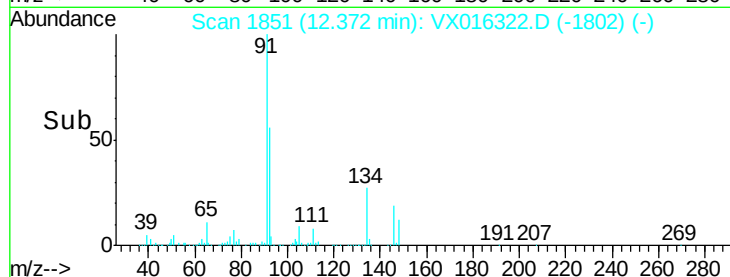
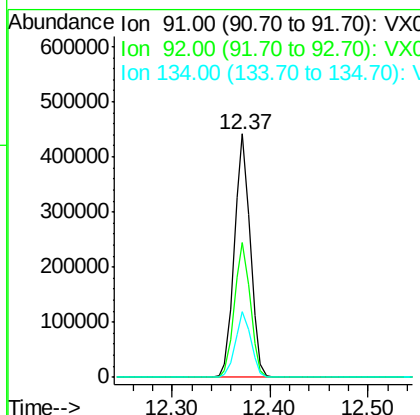
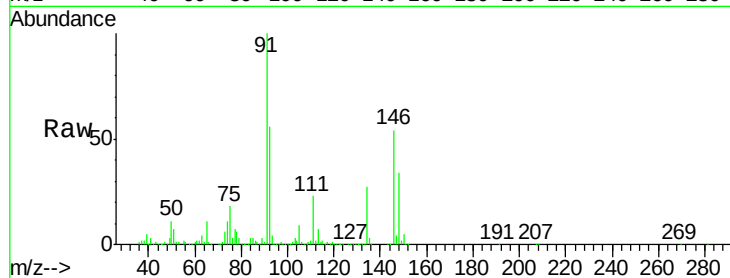
#89
n-Butylbenzene
Concen: 43.327 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.6	82.7
134	26.5	13.4	40.1

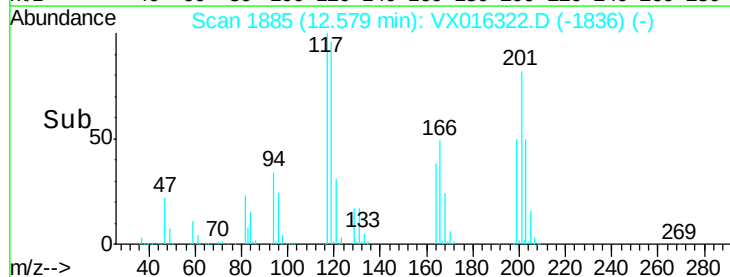
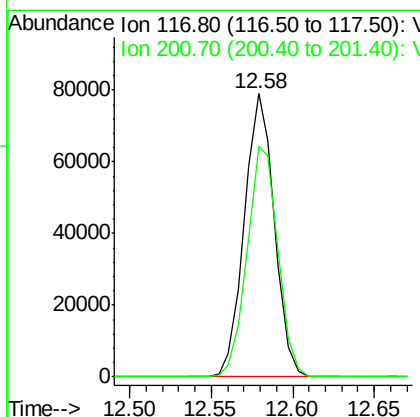
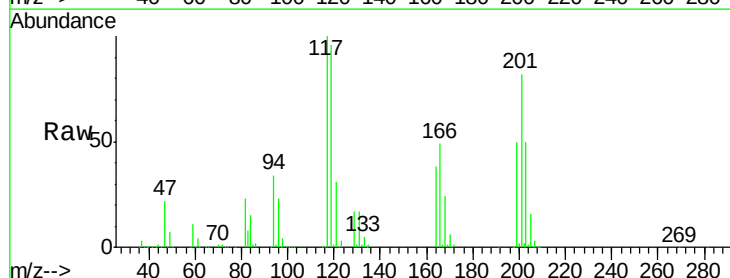
Manual Integrations
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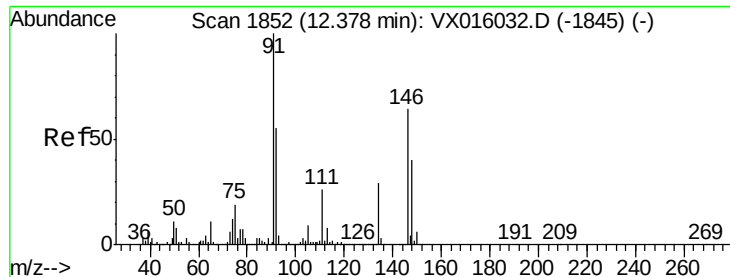
MMDadoda
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#90
Hexachloroethane
Concen: 47.097 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.5	39.8	119.3





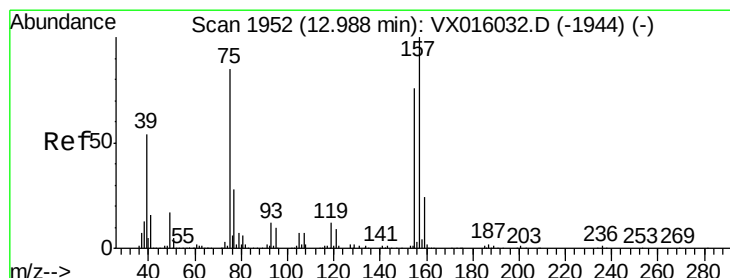
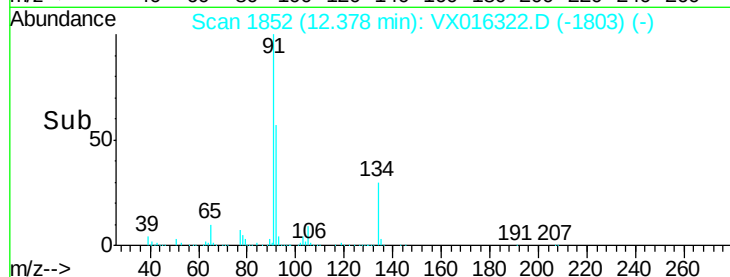
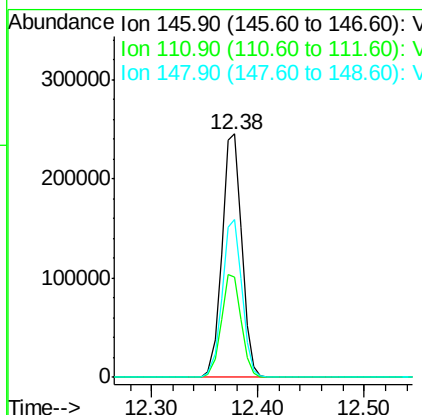
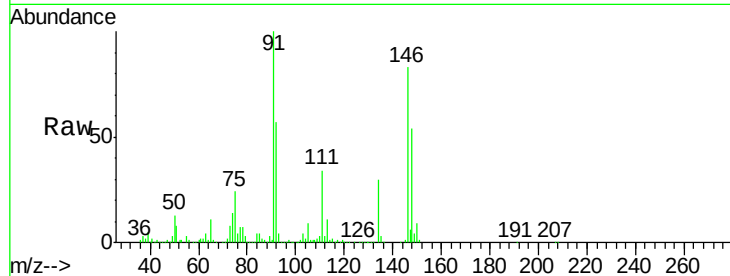
#91
 1,2-Dichlorobenzene
 Concen: 52.119 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	319000		
111	42.3	21.1	63.1	
148	64.4	32.4	97.0	

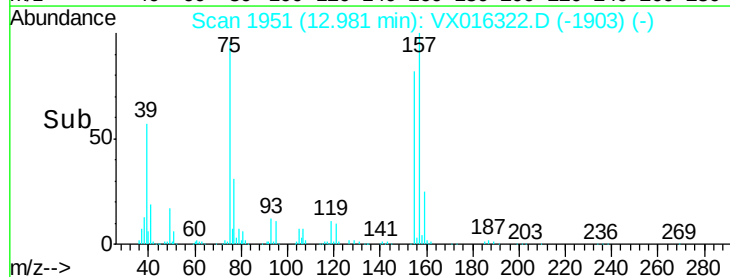
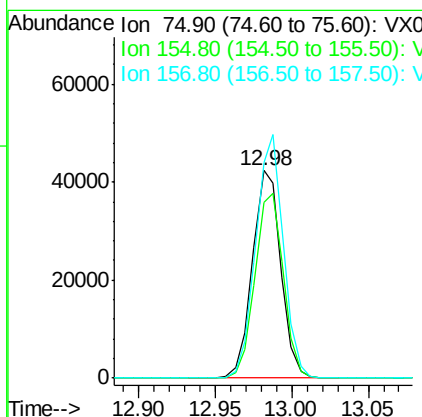
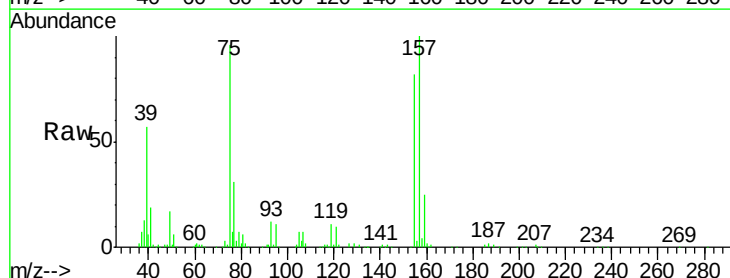
Manual Integrations
 APPROVED

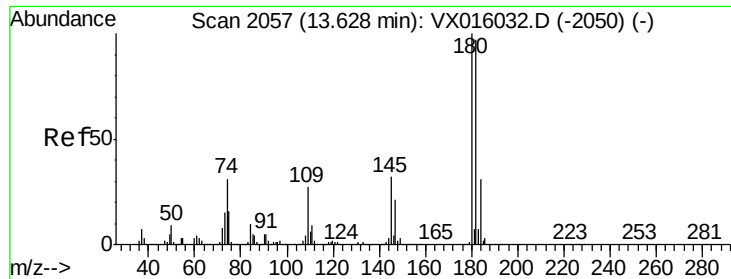
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.370 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54550		
155	89.4	42.5	127.5	
157	114.5	55.3	165.8	





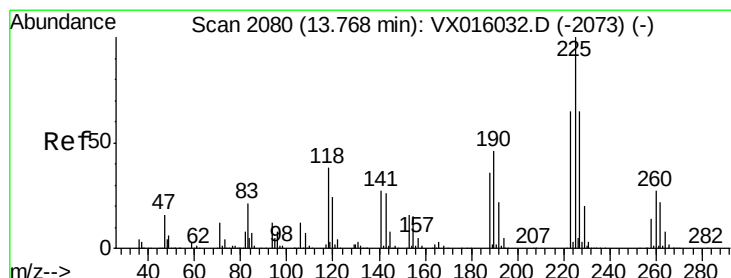
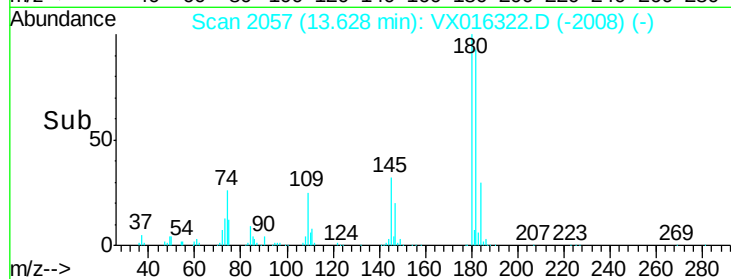
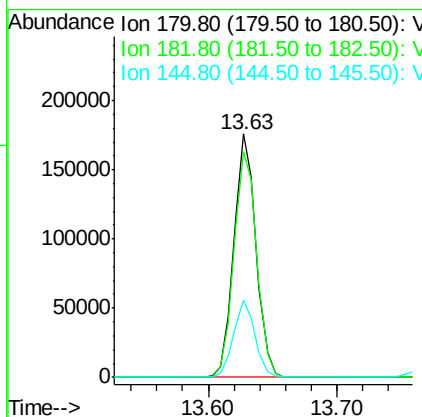
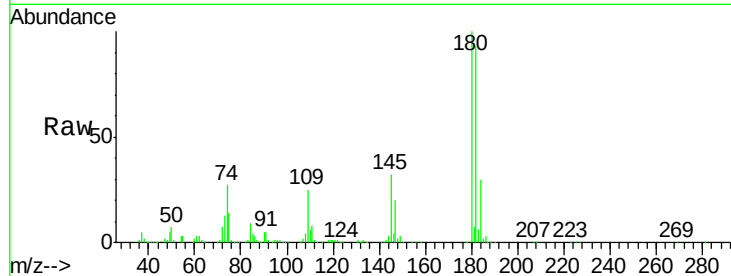
#93
 1,2,4-Trichlorobenzene
 Concen: 46.317 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	209884		
182	96.0	48.7	146.1	
145	31.1	15.7	47.1	

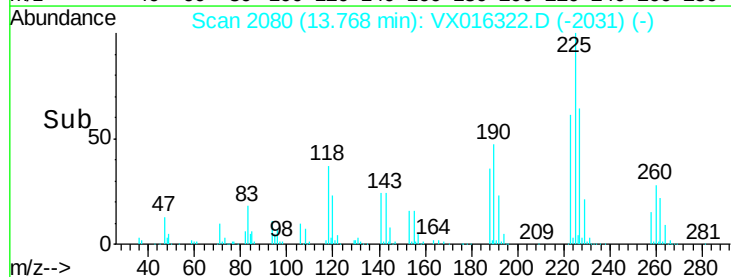
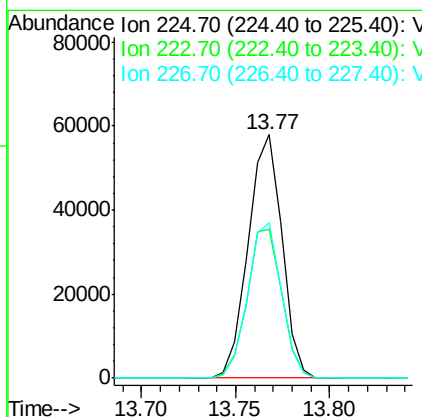
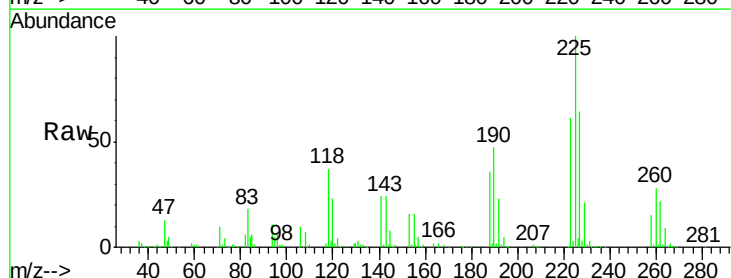
Manual Integrations
 APPROVED

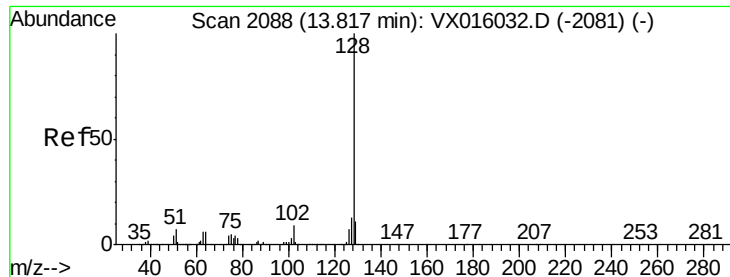
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 5/21/2020 1:11:52 PM



#94
 Hexachlorobutadiene
 Concen: 37.061 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016322.D
 Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72049		
223	63.2	32.3	96.9	
227	63.7	31.8	95.4	





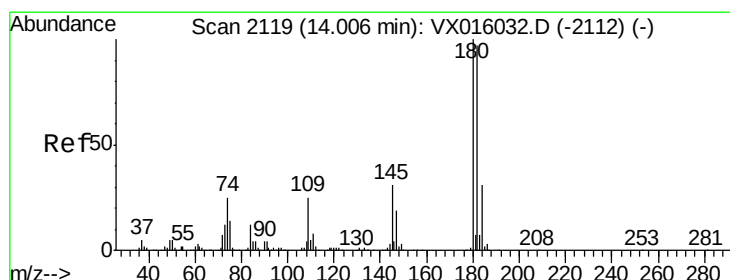
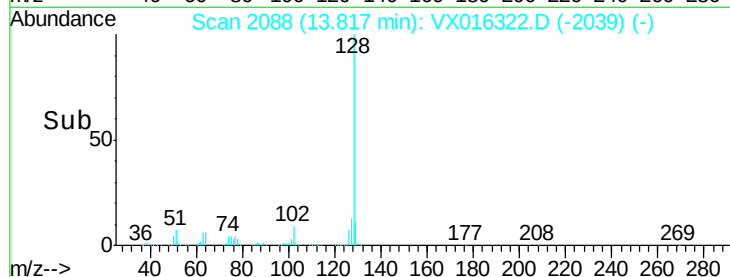
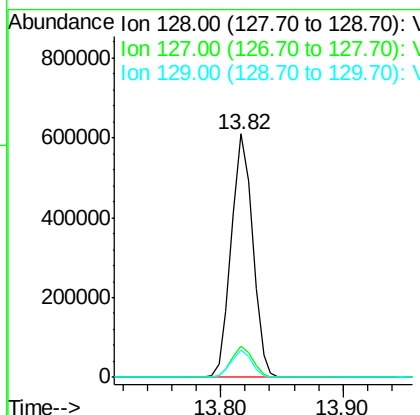
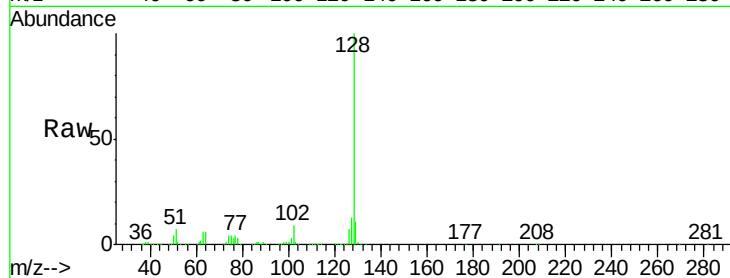
#95
Naphthalene
Concen: 50.084 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	734883		
127	12.9		10.2	15.4
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:11:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 45.838 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016322.D
Acq: 19 May 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	203002		
182	95.9		48.4	145.0
145	33.2		16.4	49.1

