

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050620\
 Data File : VX016081.D
 Acq On : 06 May 2020 16:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:55:05 AM

Quant Time: May 07 07:26:06 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	5.62	168	315864	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	482435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225721	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	185720	44.68	ug/l	0.00
Spiked Amount			Recovery	=	89.36%	
35) Dibromofluoromethane	5.46	113	144734	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
50) Toluene-d8	8.70	98	566288	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.12	95	216592	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	161972	48.446	ug/l	100
3) Chloromethane	1.31	50	178020	45.849	ug/l	98
4) Vinyl Chloride	1.39	62	192476	46.464	ug/l	100
5) Bromomethane	1.62	94	91103	43.623	ug/l	99
6) Chloroethane	1.70	64	120386	47.763	ug/l	99
7) Trichlorofluoromethane	1.91	101	258565	47.544	ug/l	100
8) Diethyl Ether	2.17	74	106206	46.349	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146974	46.842	ug/l	98
10) Methyl Iodide	2.49	142	198407	47.076	ug/l	99
11) Tert butyl alcohol	3.01	59	237602	226.060	ug/l	100
12) 1,1-Dichloroethene	2.36	96	150467	45.826	ug/l	98
13) Acrolein	2.27	56	132560	201.546	ug/l	99
14) Allyl chloride	2.70	41	285710	47.457	ug/l	99
15) Acrylonitrile	3.11	53	508114	233.034	ug/l	99
16) Acetone	2.42	43	424506	228.897	ug/l	99
17) Carbon Disulfide	2.55	76	460509	46.689	ug/l	99
18) Methyl Acetate	2.75	43	214612	47.065	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	548000	48.414	ug/l	99
20) Methylene Chloride	2.83	84	174018	45.517	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	167998	45.914	ug/l	98
22) Diisopropyl ether	3.82	45	546245	48.095	ug/l	99
23) Vinyl Acetate	3.78	43	2432361	243.422	ug/l	100
24) 1,1-Dichloroethane	3.67	63	305606	48.100	ug/l	100
25) 2-Butanone	4.63	43	699341	234.014	ug/l	99
26) 2,2-Dichloropropane	4.55	77	277974	47.907	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	189734	47.432	ug/l	100
28) Bromochloromethane	4.98	49	134941	46.578	ug/l	99
29) Tetrahydrofuran	5.08	42	462463	233.548	ug/l	99
30) Chloroform	5.17	83	303178	47.926	ug/l	98
31) Cyclohexane	5.54	56	278782	48.281	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	275290	47.875	ug/l	99
36) 1,1-Dichloropropene	5.76	75	234846	49.453	ug/l	99
37) Ethyl Acetate	4.79	43	269236	48.915	ug/l	99
38) Carbon Tetrachloride	5.75	117	245399	50.840	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	288339	50.418	ug/l	98
40) Benzene	6.11	78	686740	49.423	ug/l	98
41) Methacrylonitrile	5.00	41	144988	48.777	ug/l	99
42) 1,2-Dichloroethane	6.16	62	246096	49.166	ug/l	100
43) Isopropyl Acetate	6.41	43	434699	49.499	ug/l	100
44) Trichloroethene	7.18	130	242592	49.144	ug/l	98
45) 1,2-Dichloropropane	7.49	63	176859	50.302	ug/l	99
46) Dibromomethane	7.63	93	118632	49.651	ug/l	99
47) Bromodichloromethane	7.87	83	246338	50.622	ug/l	100
48) Methyl methacrylate	7.74	41	206567	49.640	ug/l	100
49) 1,4-Dioxane	7.71	88	95546	957.351	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1342058	249.729	ug/l	100
52) Toluene	8.76	92	433856	50.093	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	287776	49.599	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	302848	49.973	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	170684	50.090	ug/l	99
56) Ethyl methacrylate	9.16	69	283659	50.998	ug/l	99
57) 1,3-Dichloropropane	9.35	76	299174	50.317	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	741320	250.346	ug/l	100
59) 2-Hexanone	9.47	43	1039925	246.405	ug/l	99
60) Dibromochloromethane	9.57	129	193862	51.656	ug/l	100
61) 1,2-Dibromoethane	9.65	107	184251	49.919	ug/l	100
64) Tetrachloroethene	9.32	164	274371	49.982	ug/l	98
65) Chlorobenzene	10.12	112	463181	49.470	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	175379	50.678	ug/l	99
67) Ethyl Benzene	10.24	91	833190	49.874	ug/l	100
68) m/p-Xylenes	10.34	106	639319	102.143	ug/l	100
69) o-Xylene	10.68	106	304662	50.638	ug/l	100
70) Styrene	10.70	104	523582	51.297	ug/l	100
71) Bromoform	10.84	173	147140	52.187	ug/l #	100
73) Isopropylbenzene	11.00	105	814876	49.634	ug/l	100
74) N-amyl acetate	10.88	43	372267	48.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	149848	46.902	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	253909m	49.571	ug/l	
77) Bromobenzene	11.24	156	204435	48.242	ug/l	99
78) n-propylbenzene	11.34	91	954976	50.000	ug/l	99
79) 2-Chlorotoluene	11.40	91	559373	49.617	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	699877	50.489	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	107211	49.880	ug/l	98
82) 4-Chlorotoluene	11.49	91	658563	49.467	ug/l	100
83) tert-Butylbenzene	11.76	119	598157	50.071	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	705223	50.322	ug/l	99
85) sec-Butylbenzene	11.93	105	809192	50.169	ug/l	100
86) p-Isopropyltoluene	12.05	119	762285	50.903	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	372022	48.893	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	371192	48.064	ug/l	100
89) n-Butylbenzene	12.37	91	683246	49.942	ug/l	100
90) Hexachloroethane	12.58	117	130508	50.744	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	352246	48.078	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62814	46.530	ug/l	98

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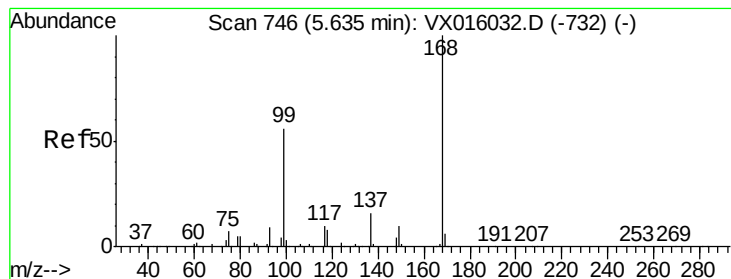
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	262288	48.354	ug/l	99
94) Hexachlorobutadiene	13.77	225	124692	53.349	ug/l	98
95) Naphthalene	13.82	128	850221	48.407	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	258812	48.821	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 315864

Ion Ratio Lower Upper

168 100

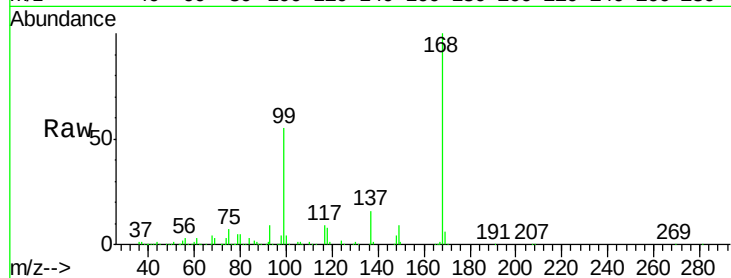
99 54.5 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

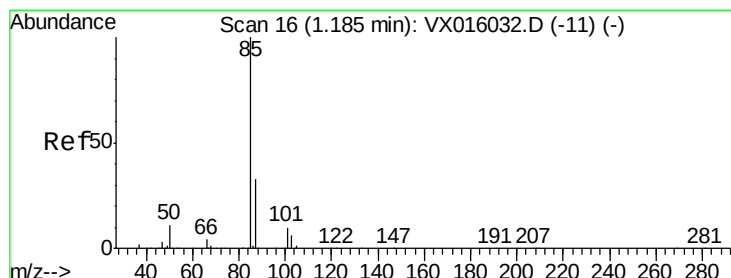
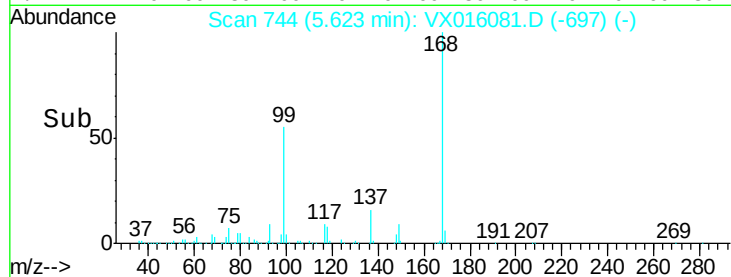
5.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.446 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016081.D

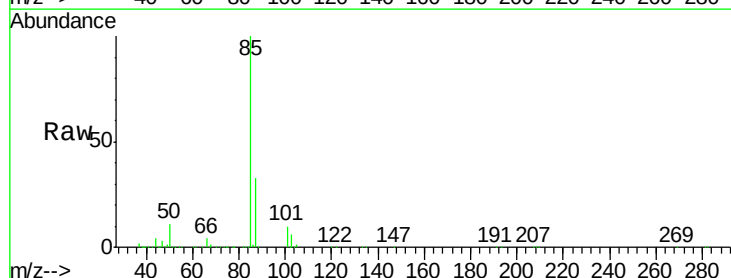
Acq: 06 May 2020 16:41

Tgt Ion: 85 Resp: 161972

Ion Ratio Lower Upper

85 100

87 32.7 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

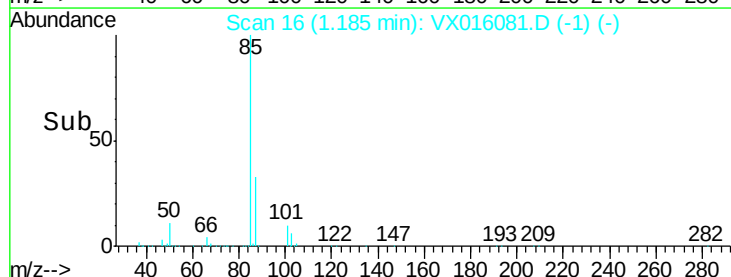
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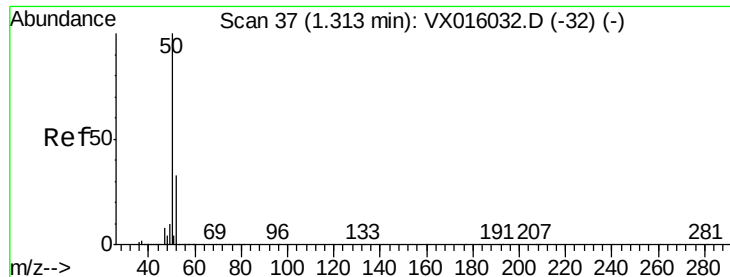
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.849 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 178020

Ion Ratio Lower Upper

50 100

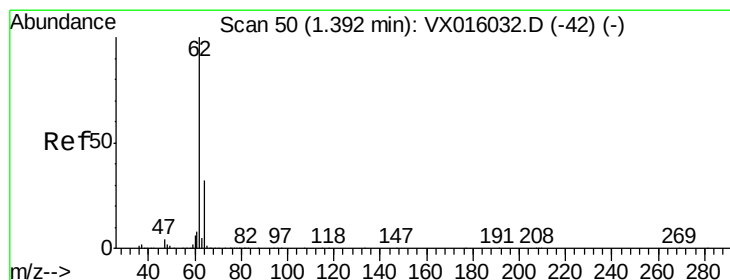
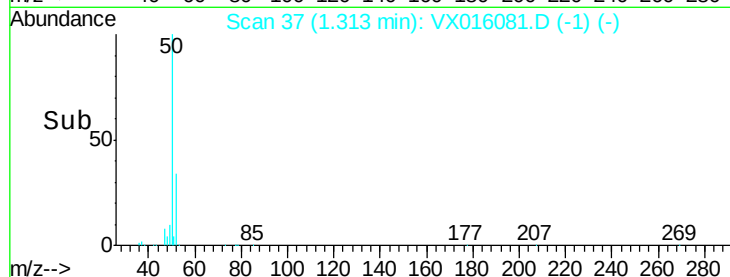
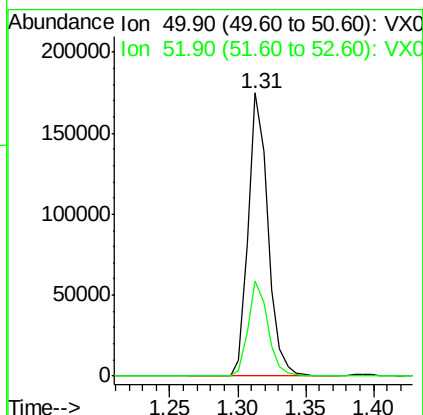
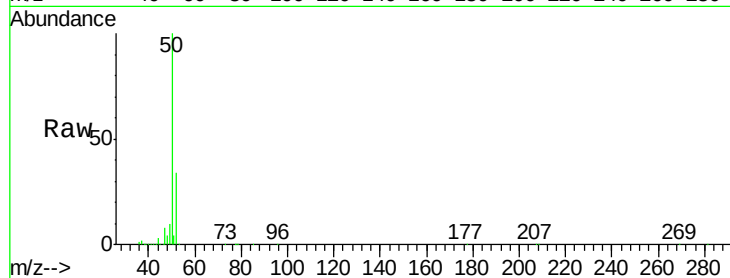
52 33.6 26.1 39.1

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#4

Vinyl Chloride

Concen: 46.464 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016081.D

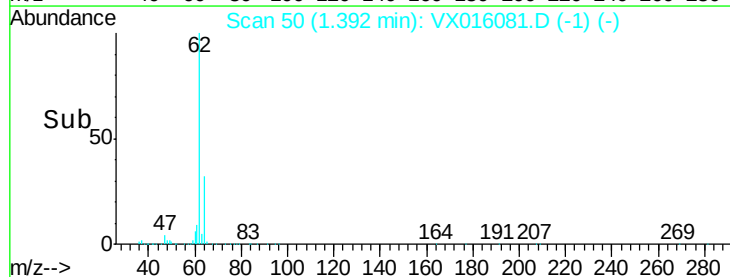
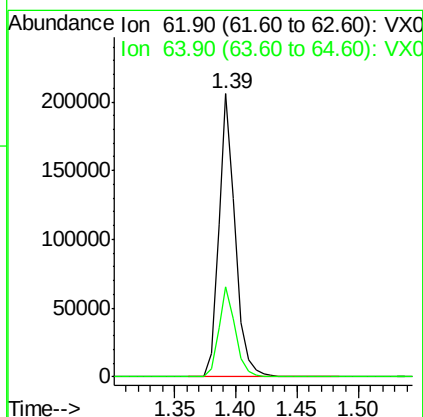
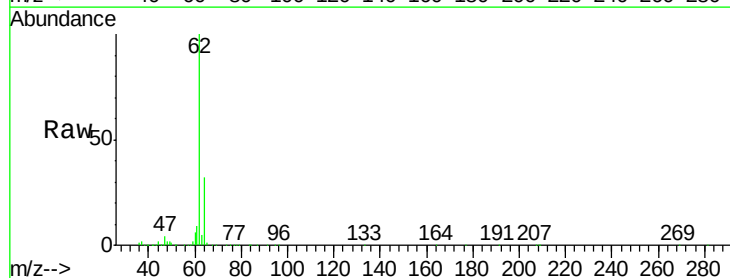
Acq: 06 May 2020 16:41

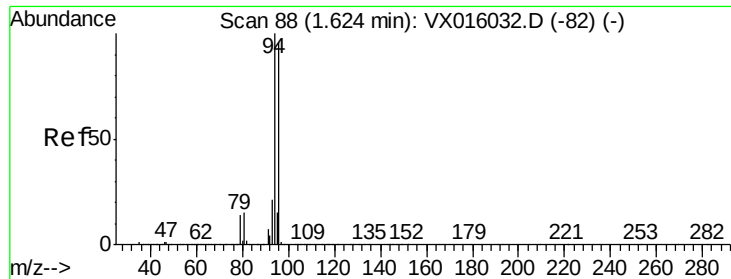
Tgt Ion: 62 Resp: 192476

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 43.623 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 91103

Ion Ratio Lower Upper

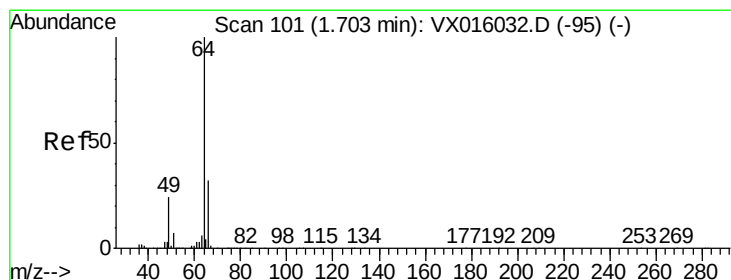
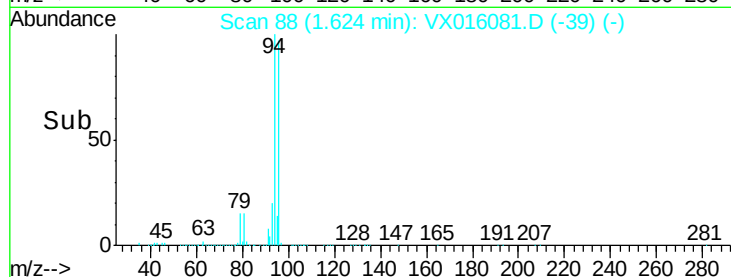
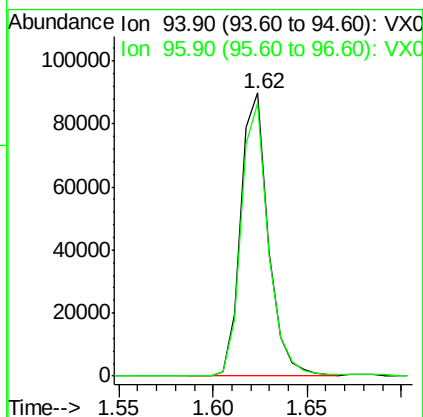
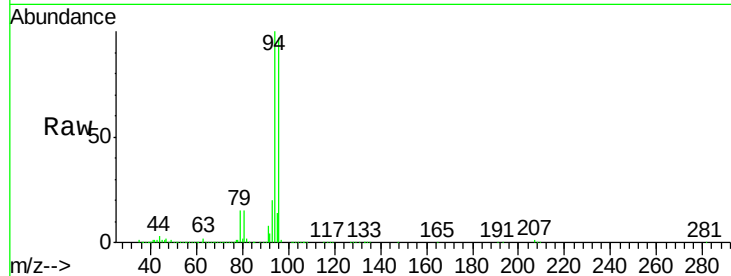
94 100

96 96.6 76.9 115.3

Manual Integrations
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#6

Chloroethane

Concen: 47.763 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016081.D

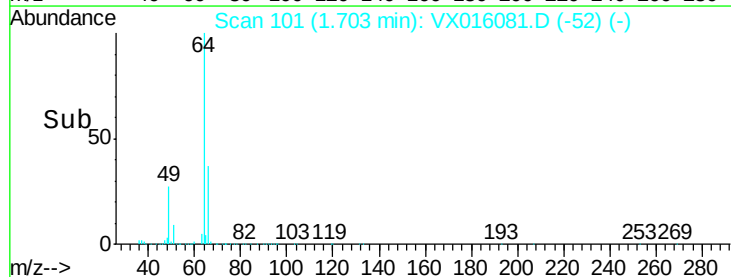
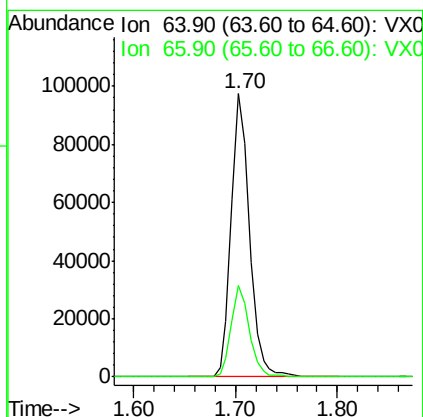
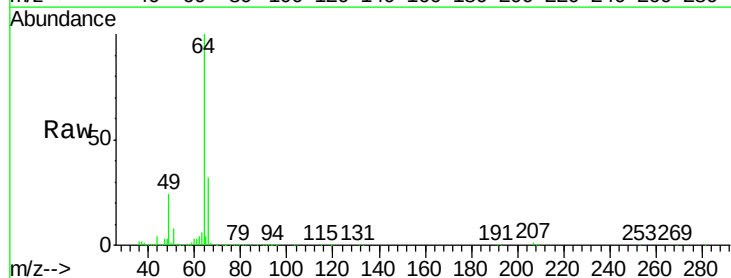
Acq: 06 May 2020 16:41

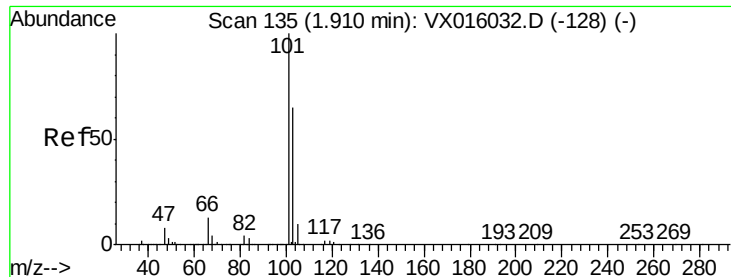
Tgt Ion: 64 Resp: 120386

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8





#7

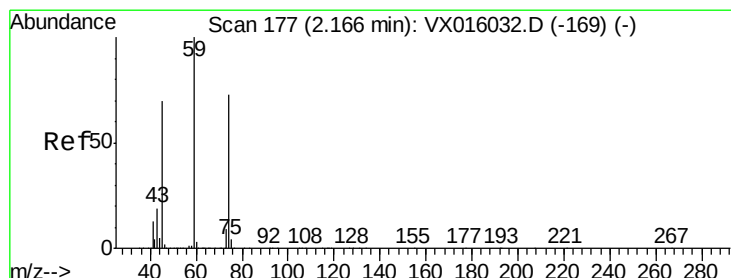
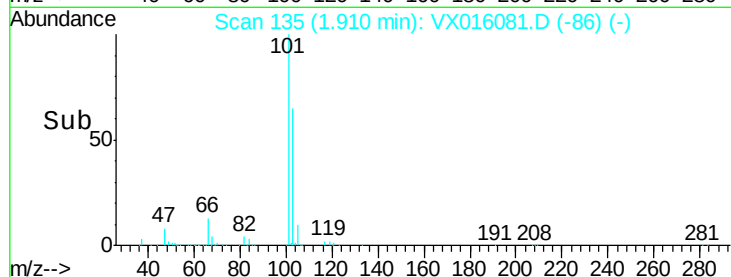
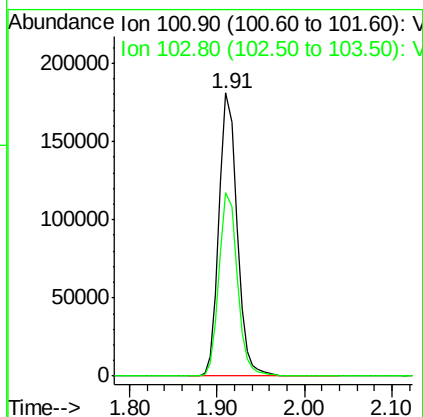
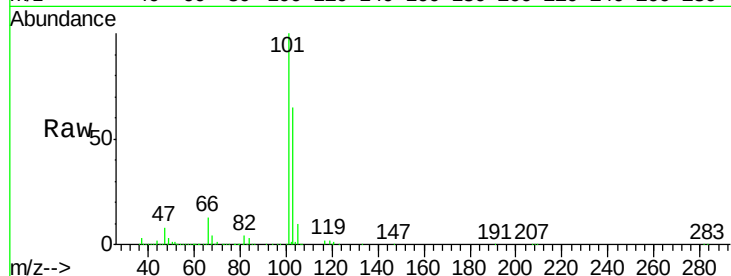
Trichlorofluoromethane
Concen: 47.544 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	258565		
103	64.6	51.8	77.6	

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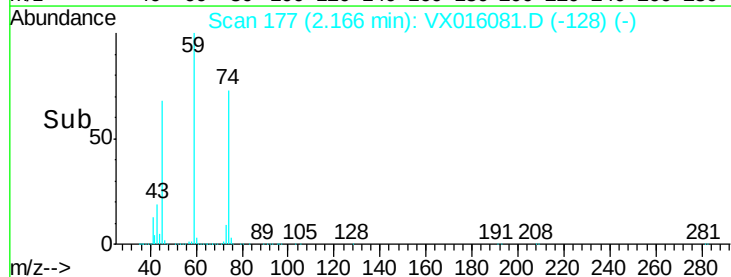
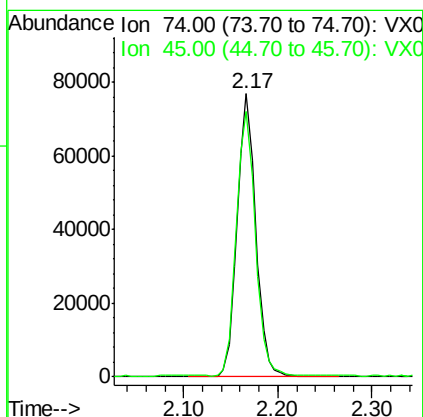
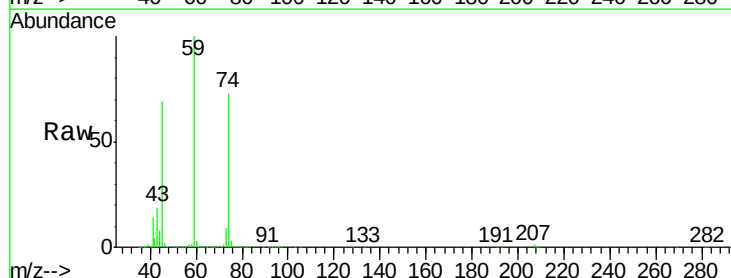
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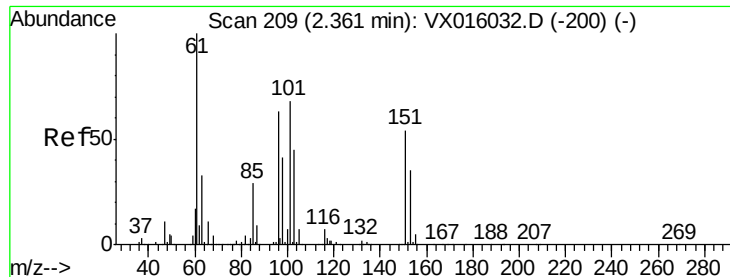


#8

Diethyl Ether
Concen: 46.349 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	106206		
45	95.5	47.3	142.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.842 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

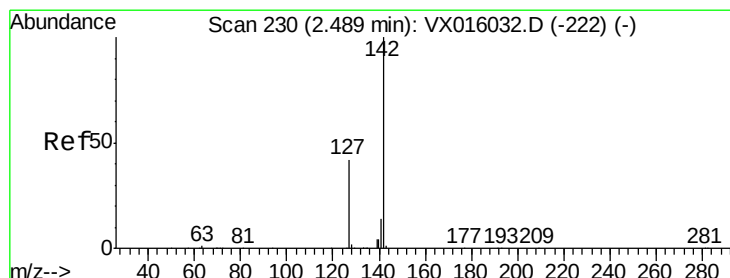
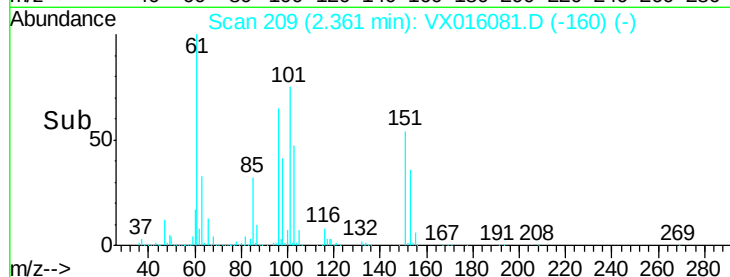
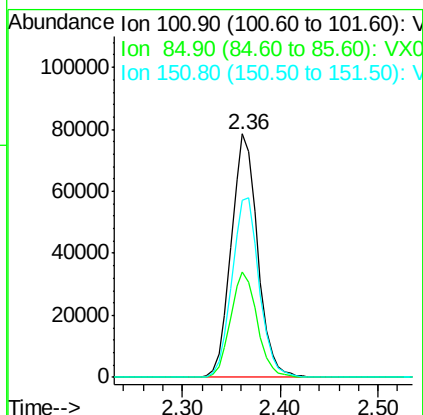
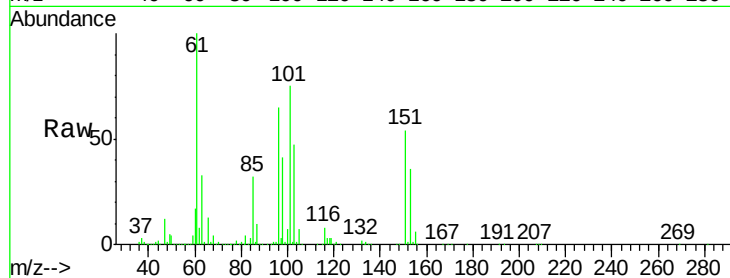
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	146974
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.2	51.4
151	76.2	62.1	93.1

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5/8/2020 11:55:05 AM



#10

Methyl Iodide

Concen: 47.076 ug/l

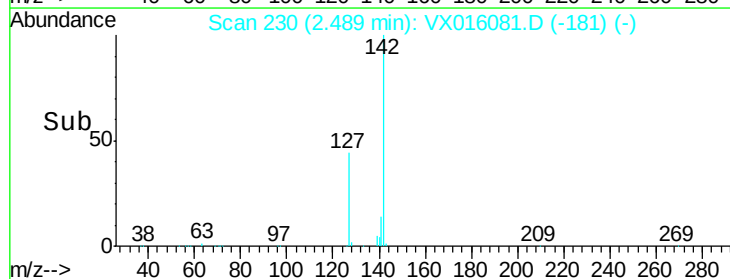
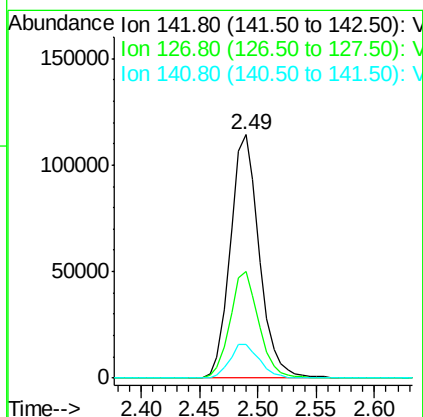
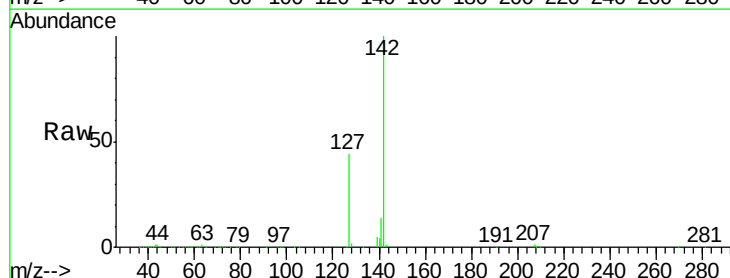
RT: 2.49 min Scan# 230

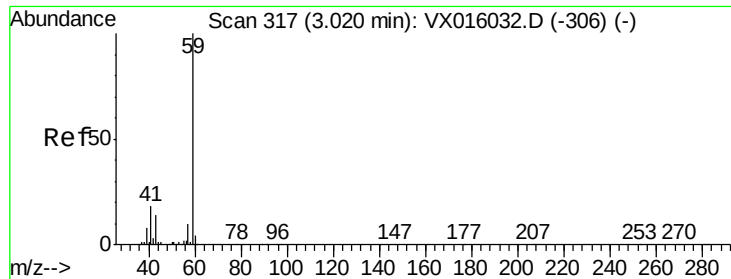
Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion:	142	Resp:	198407
Ion Ratio	Lower	Upper	
142	100		
127	43.7	34.6	52.0
141	14.3	11.3	16.9





#11

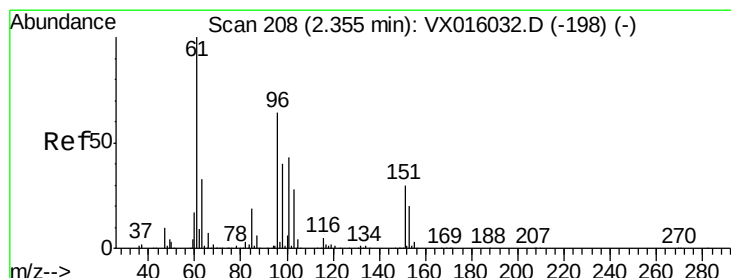
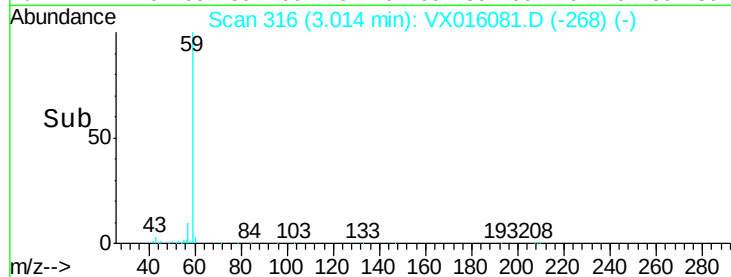
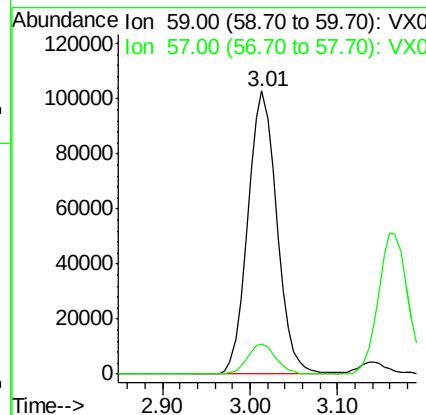
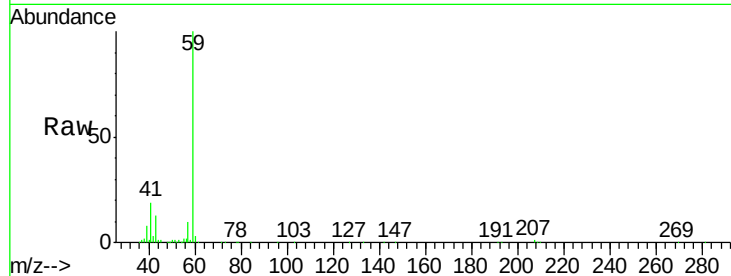
Tert butyl alcohol
 Concen: 226.060 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

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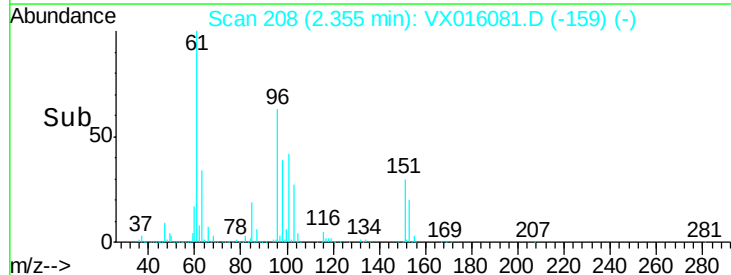
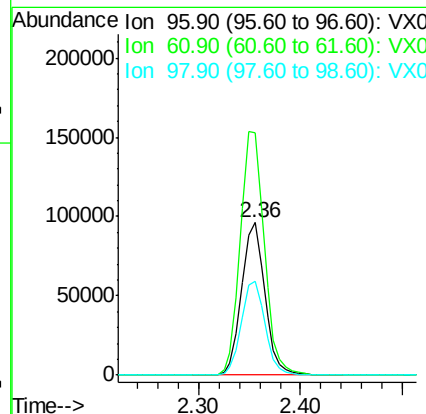
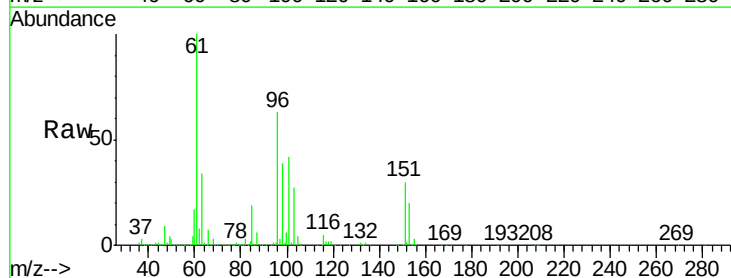
MMDadoda
 5/8/2020 11:55:05 AM

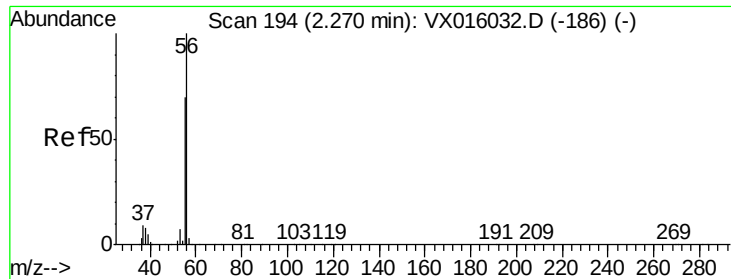


#12

1,1-Dichloroethene
 Concen: 45.826 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.5	124.8	187.2
98	62.2	49.7	74.5





#13

Acrolein

Concen: 201.546 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 132560

Ion Ratio Lower Upper

56 100

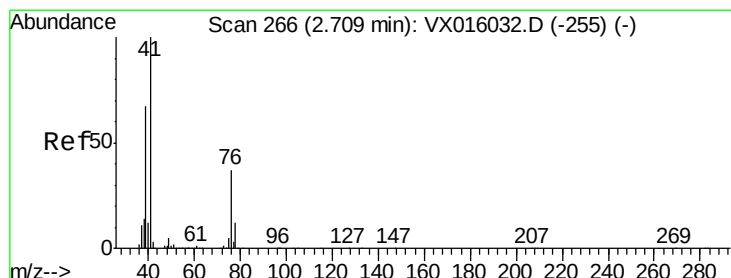
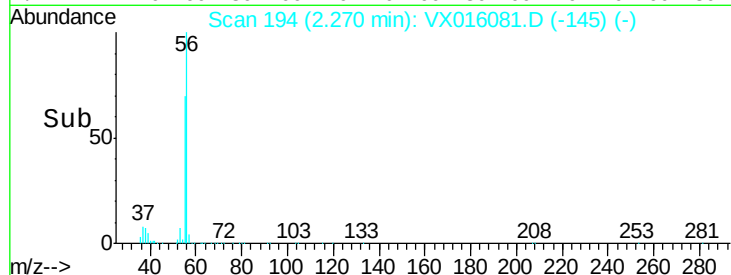
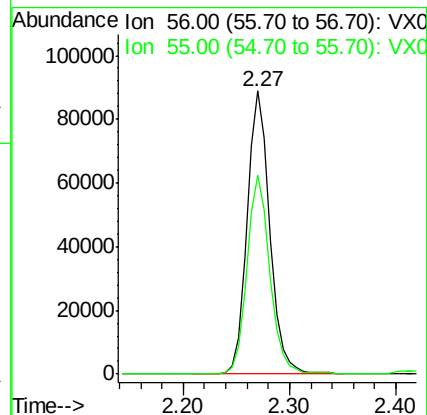
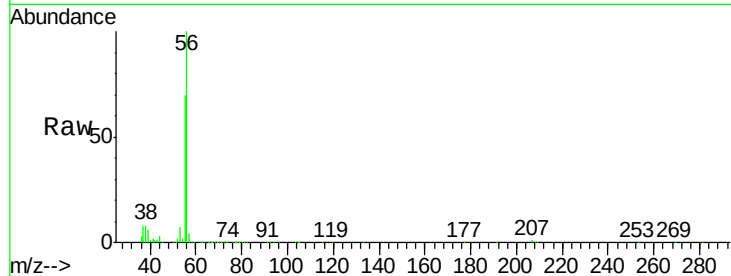
55 71.1 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 47.457 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

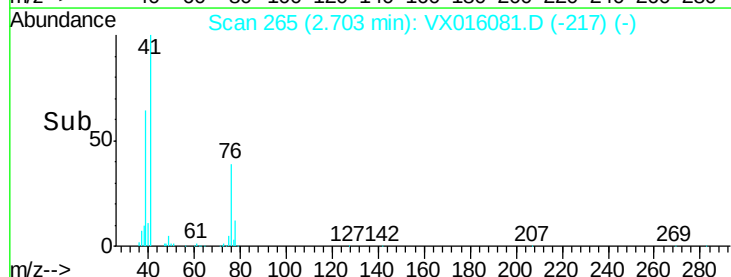
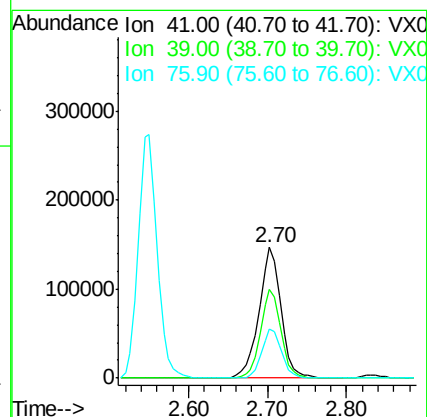
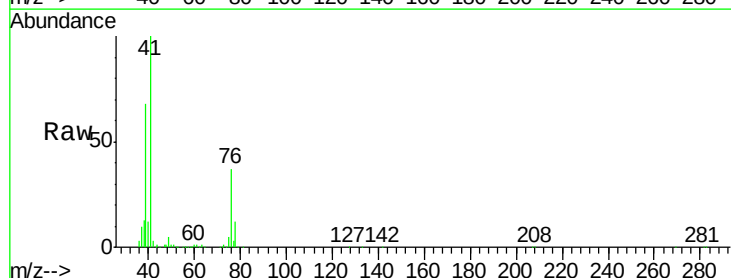
Tgt Ion: 41 Resp: 285710

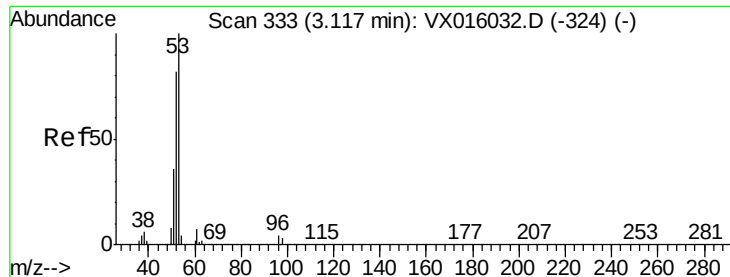
Ion Ratio Lower Upper

41 100

39 62.5 50.5 75.7

76 34.1 26.6 40.0





#15

Acrylonitrile

Concen: 233.034 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

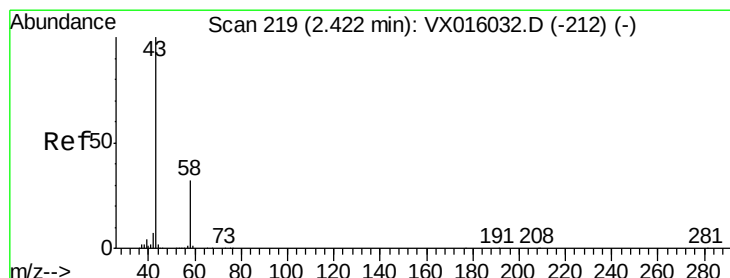
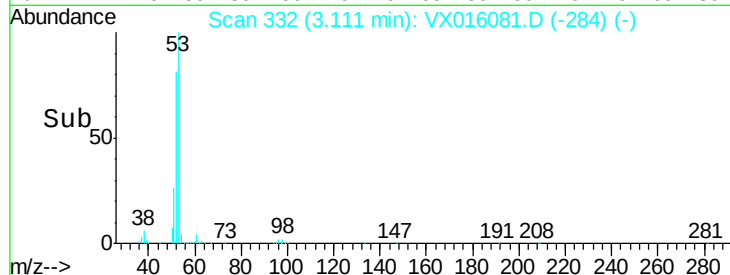
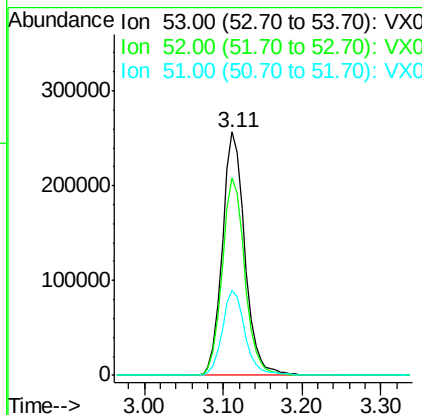
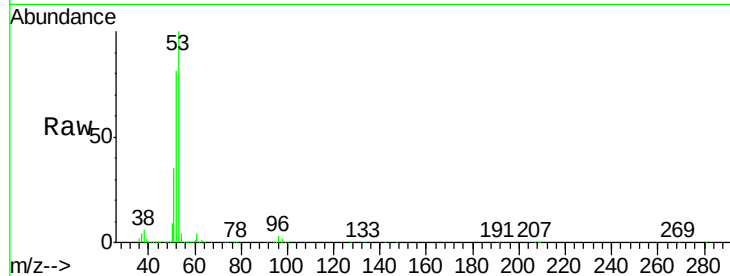
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	508114
Ion Ratio		Lower	Upper
53	100		
52	81.9	66.1	99.1
51	35.4	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 228.897 ug/l

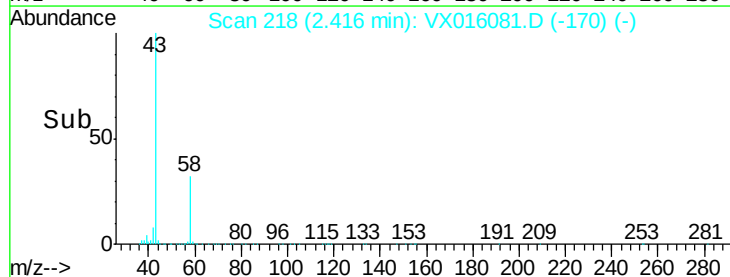
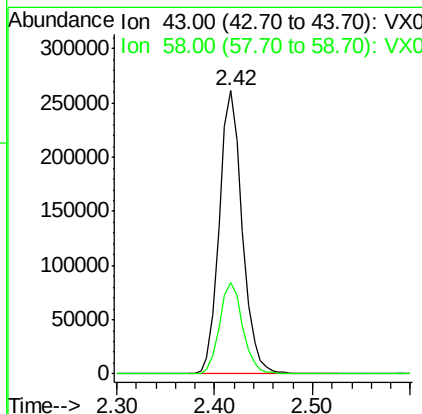
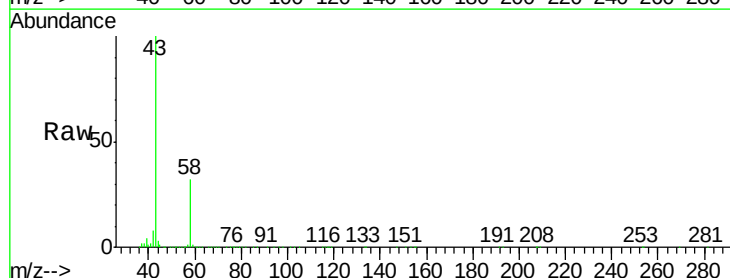
RT: 2.42 min Scan# 218

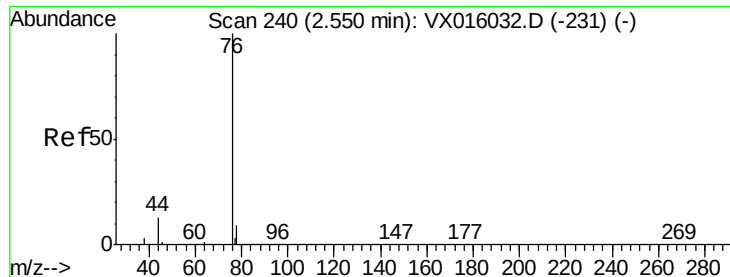
Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion:	43	Resp:	424506
Ion Ratio		Lower	Upper
43	100		
58	32.4	25.4	38.0





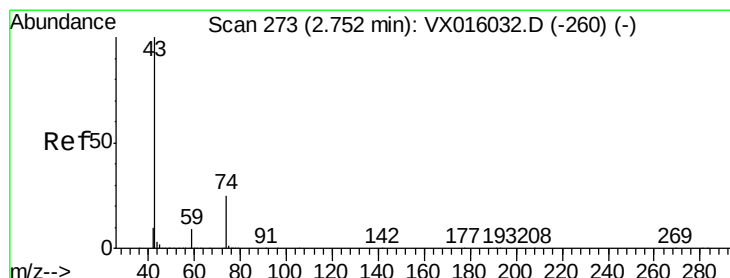
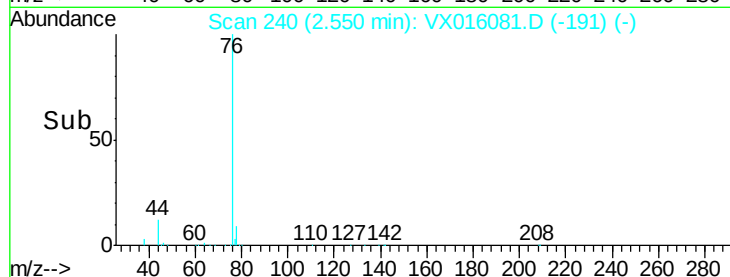
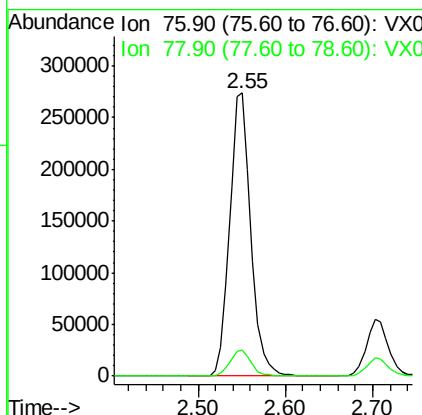
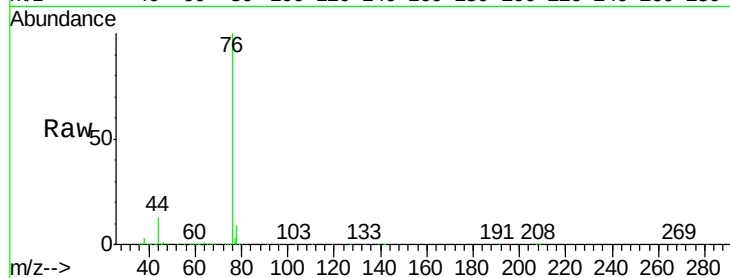
#17
Carbon Disulfide
Concen: 46.689 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

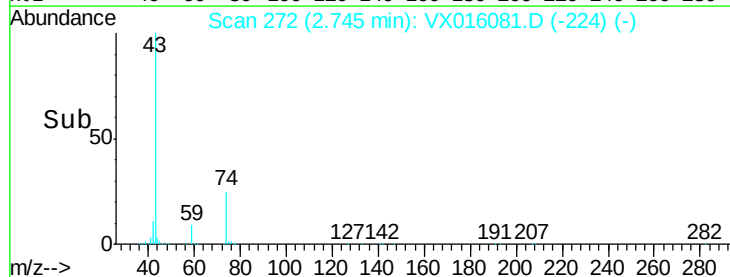
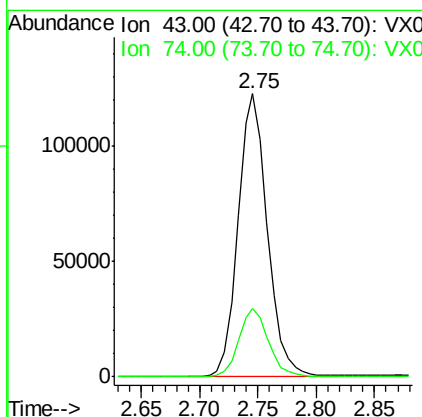
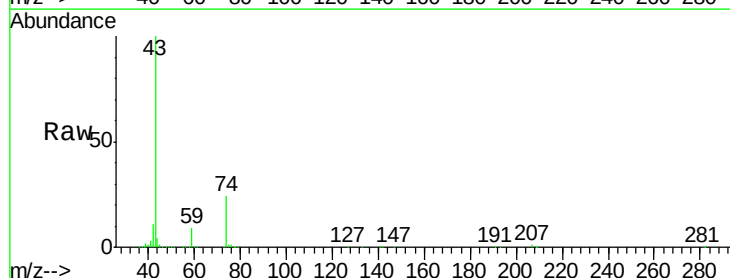
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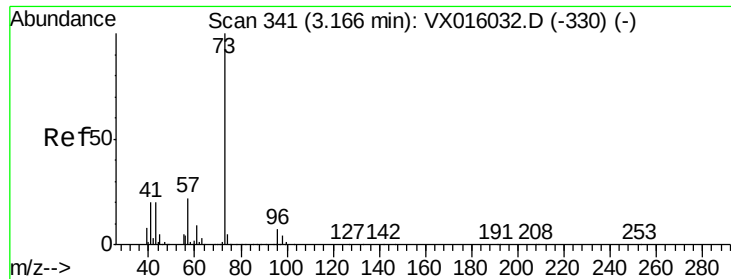
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#18
Methyl Acetate
Concen: 47.065 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	20.2	30.2





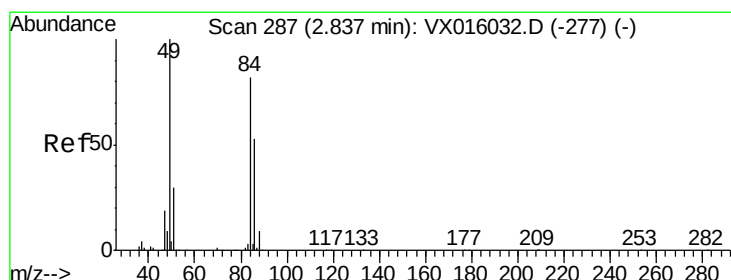
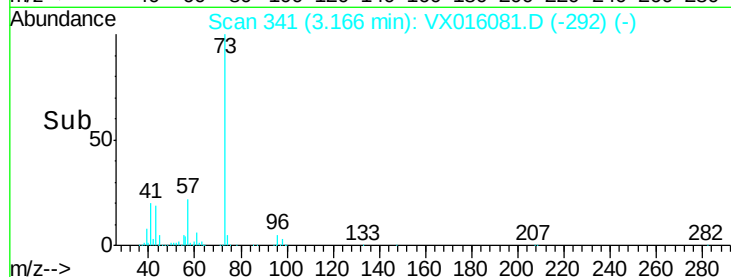
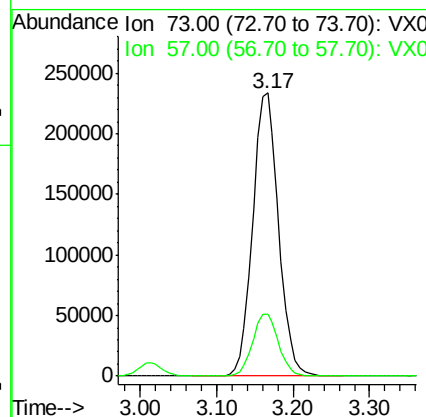
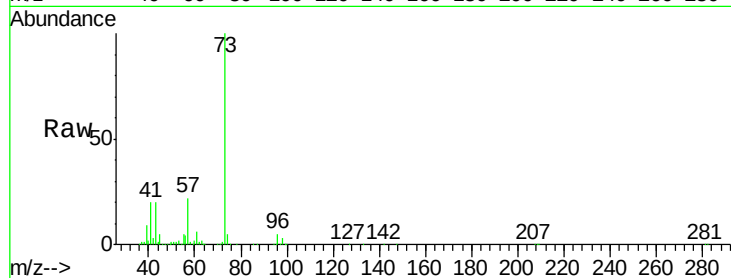
#19
Methyl tert-butyl Ether
Concen: 48.414 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

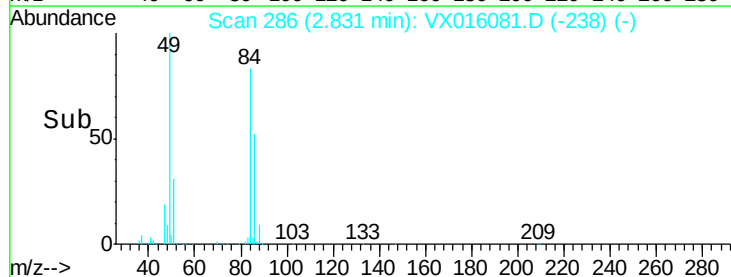
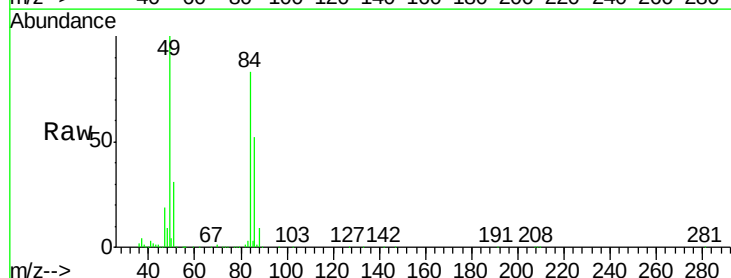
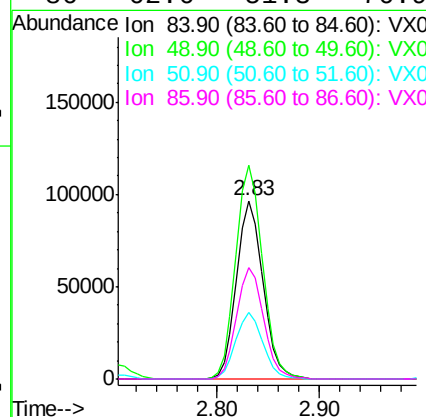
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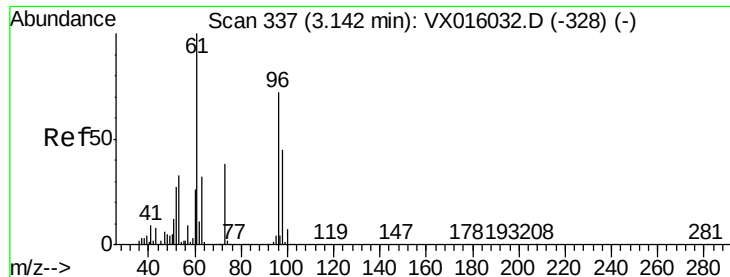
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#20
Methylene Chloride
Concen: 45.517 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	97.3	145.9
51	37.3	29.3	43.9
86	62.6	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 45.914 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

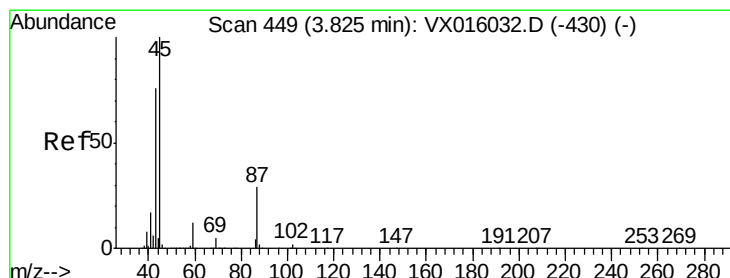
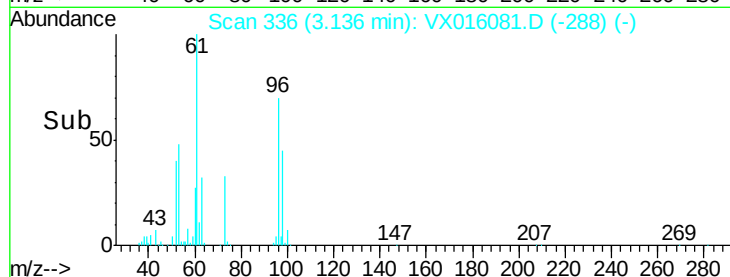
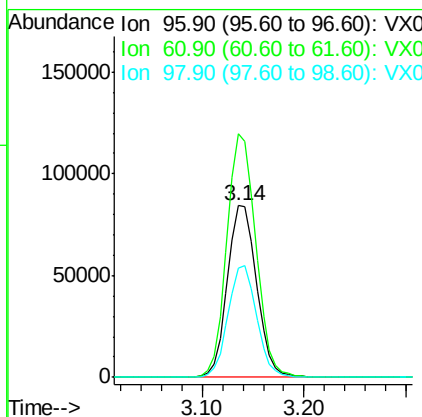
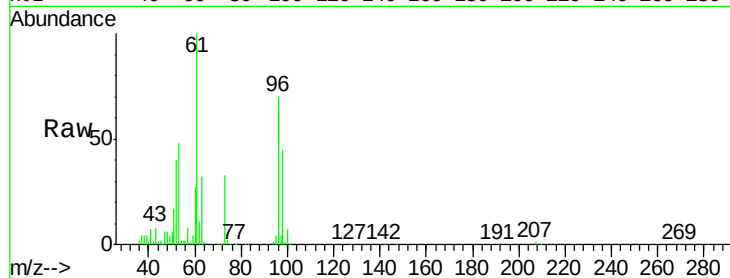
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	167998
Ion	Ratio	Lower	Upper
96	100		
61	141.8	111.2	166.8
98	63.8	50.2	75.4

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#22

Diisopropyl ether

Concen: 48.095 ug/l

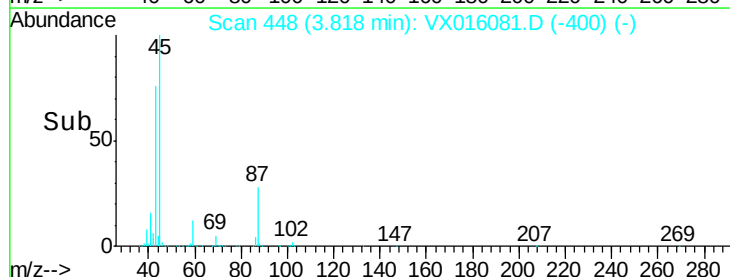
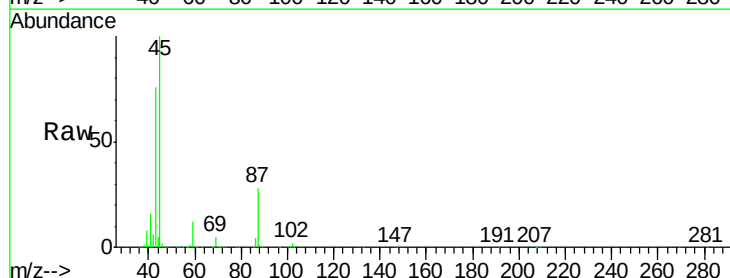
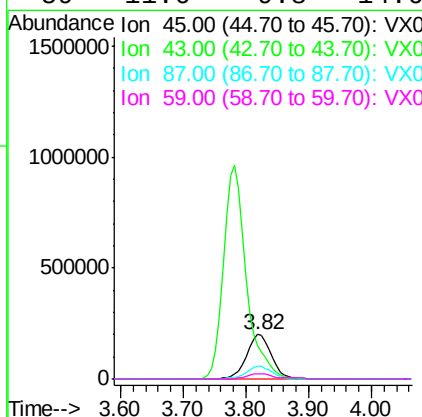
RT: 3.82 min Scan# 448

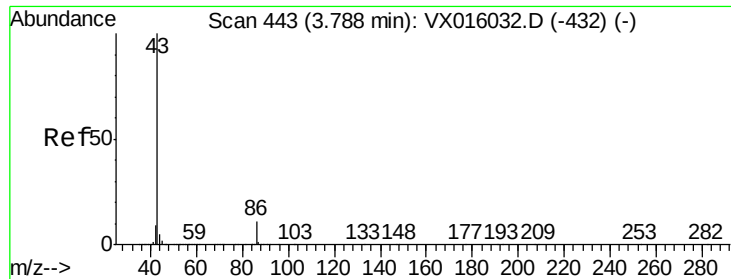
Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion:	45	Resp:	546245
Ion	Ratio	Lower	Upper
45	100		
43	75.9	61.1	91.7
87	27.5	23.0	34.6
59	11.6	9.8	14.6





#23

Vinyl Acetate

Concen: 243.422 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2432361

Ion Ratio Lower Upper

43 100

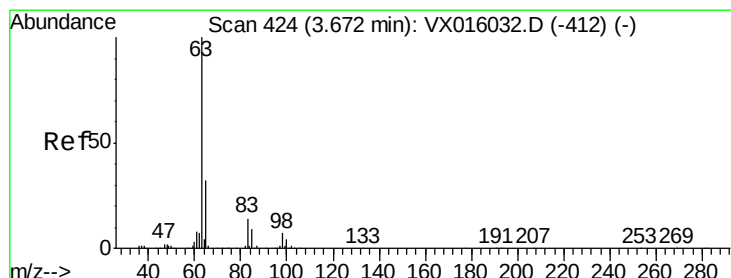
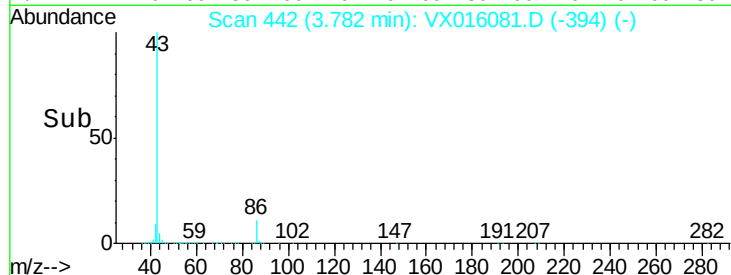
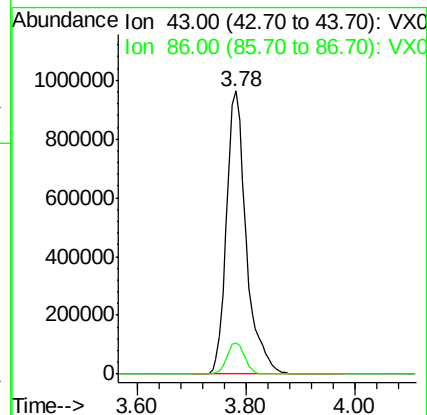
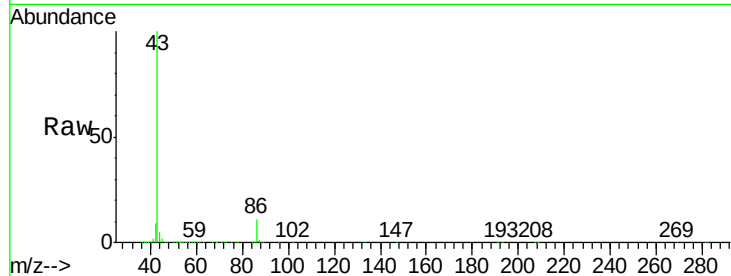
86 11.2 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 48.100 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

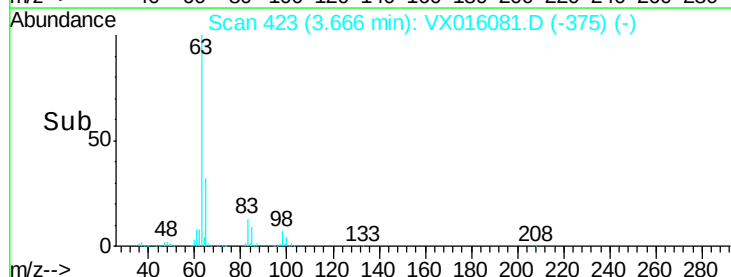
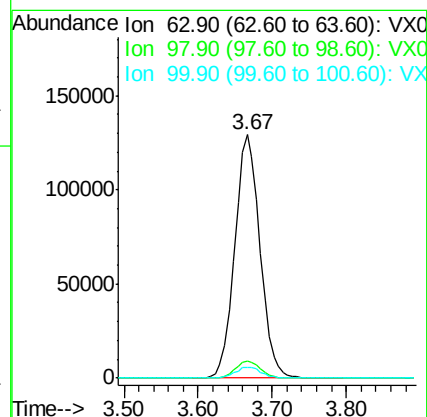
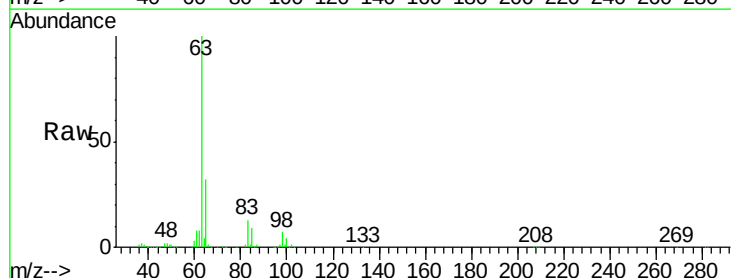
Tgt Ion: 63 Resp: 305606

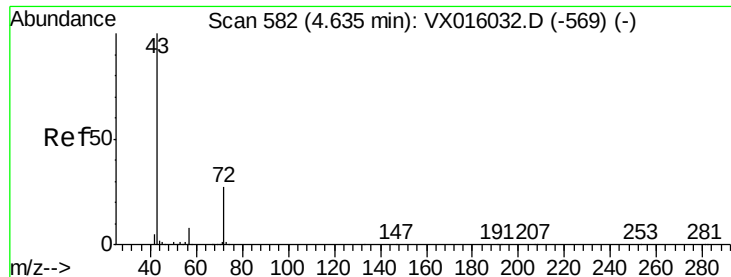
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 234.014 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tot Ion: 43 Resp: 699341

Ion Ratio Lower Upper

43 100

72 26.8 21.8 32.8

Instrument :

MSVOA_X

ClientSampleId :

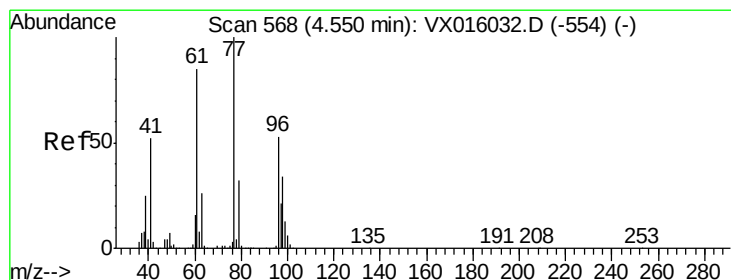
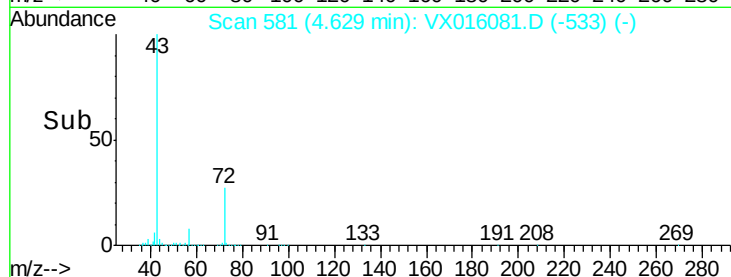
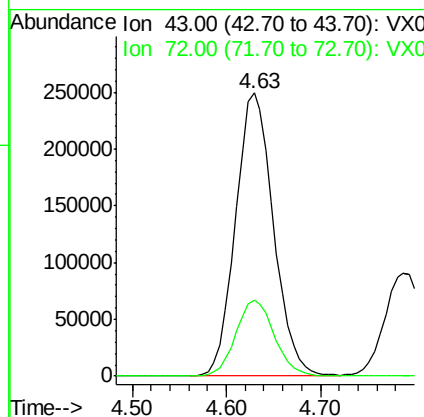
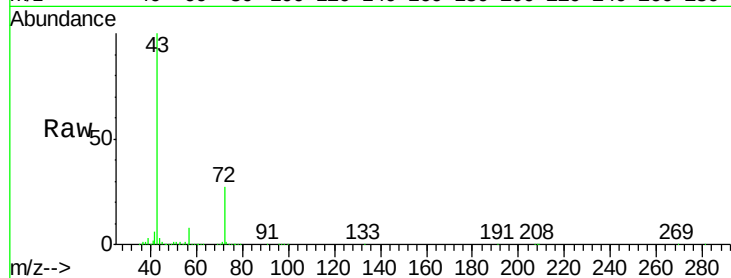
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.907 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016081.D

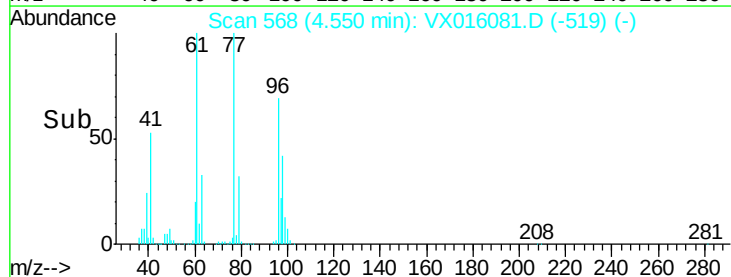
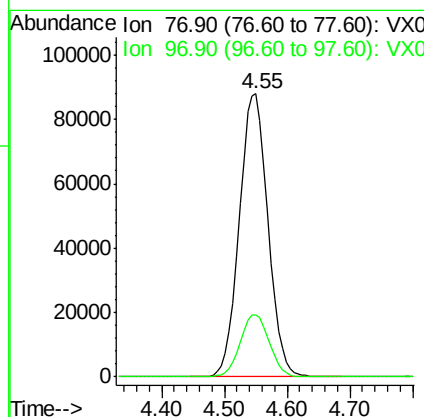
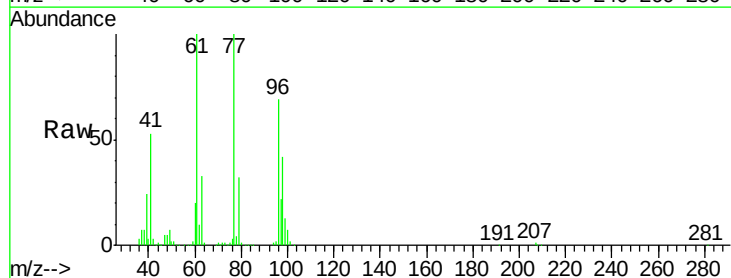
Acq: 06 May 2020 16:41

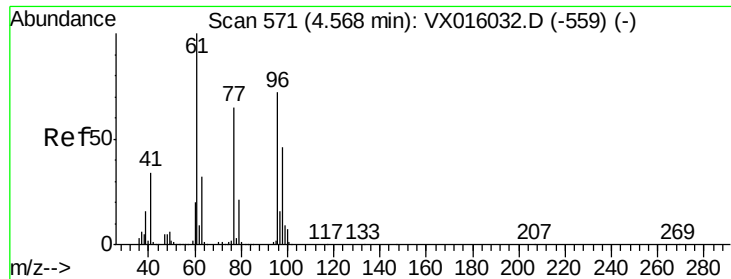
Tgt Ion: 77 Resp: 277974

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

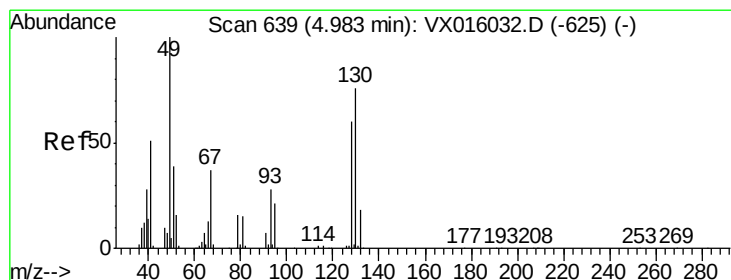
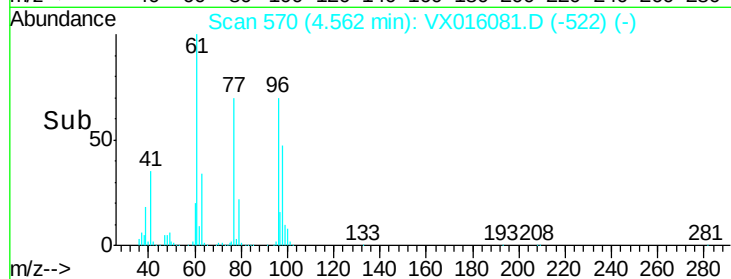
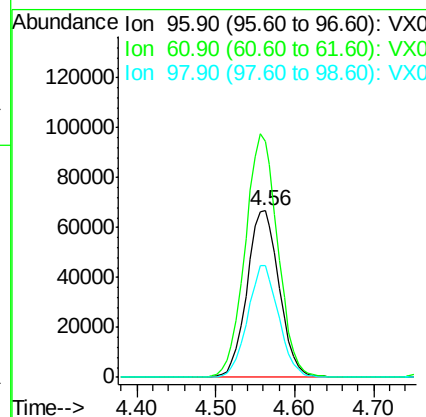
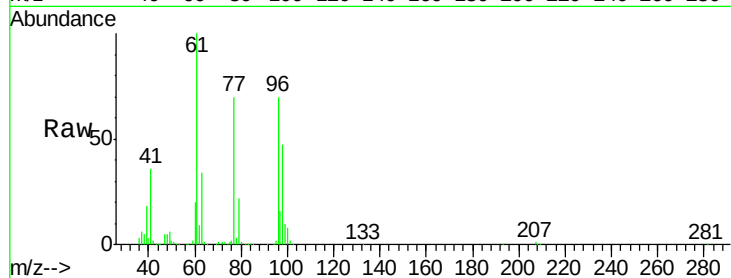
cis-1,2-Dichloroethene
 Concen: 47.432 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	189734		
61	148.3	0.0	296.2	
98	64.6	0.0	129.4	

Manual Integrations
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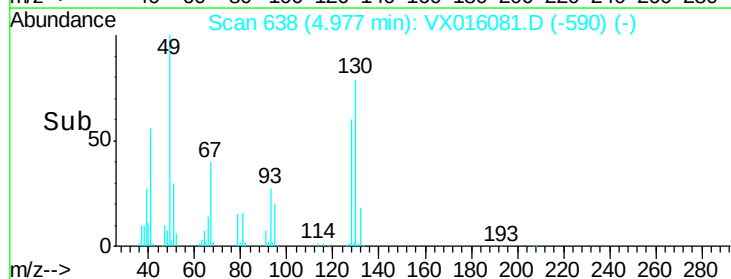
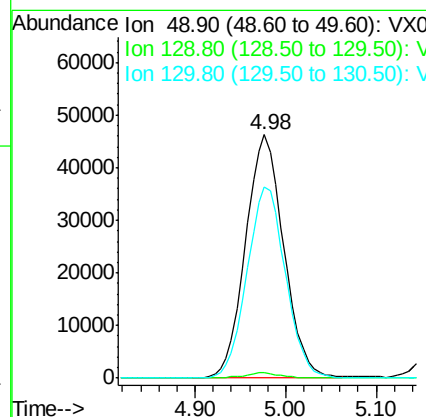
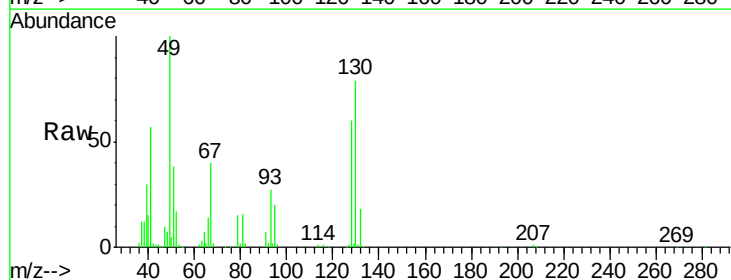
MMDadoda
 5/8/2020 11:55:05 AM

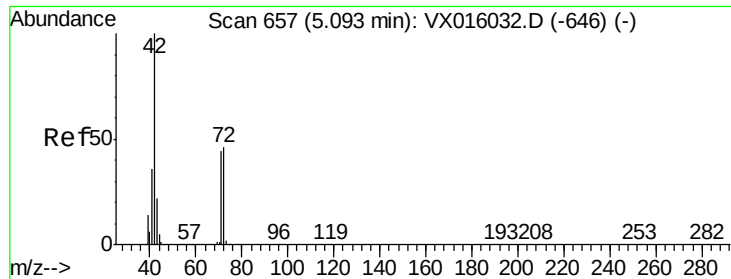


#28

Bromochloromethane
 Concen: 46.578 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	134941		
129	2.0	0.0	4.0	
130	79.2	62.4	93.6	





#29

Tetrahydrofuran

Concen: 233.548 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

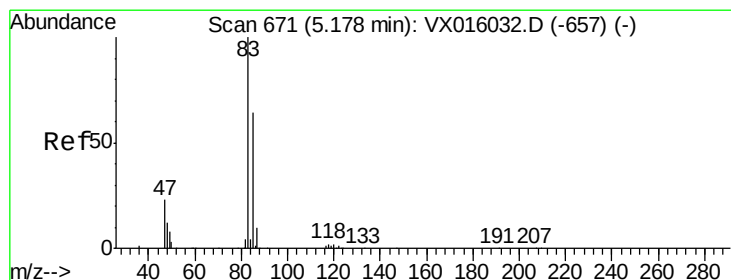
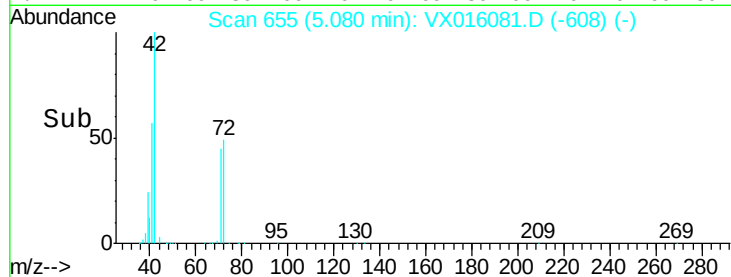
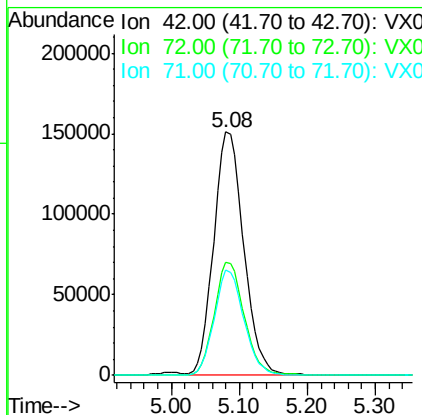
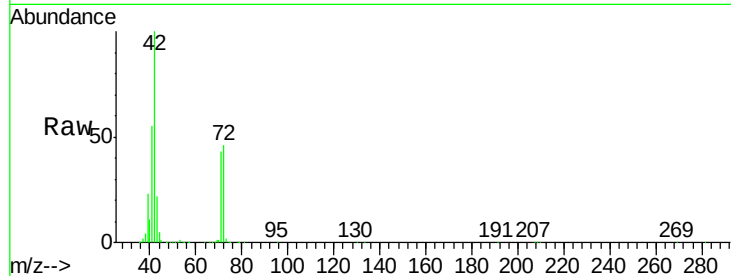
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	462463
Ion Ratio		Lower	Upper
42	100		
72	46.5	37.1	55.7
71	42.6	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 47.926 ug/l

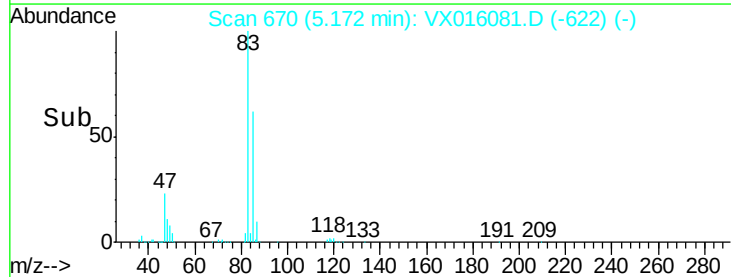
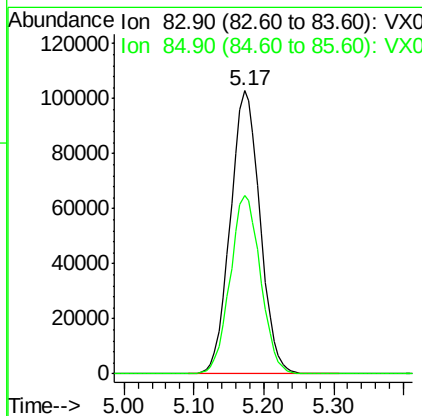
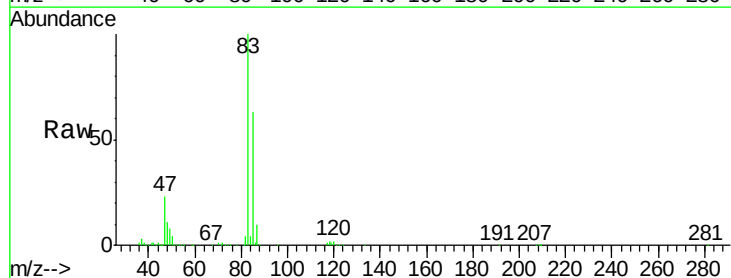
RT: 5.17 min Scan# 670

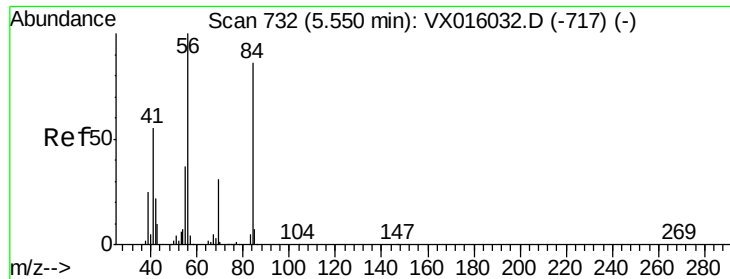
Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion:	83	Resp:	303178
Ion Ratio		Lower	Upper
83	100		
85	63.1	51.6	77.4





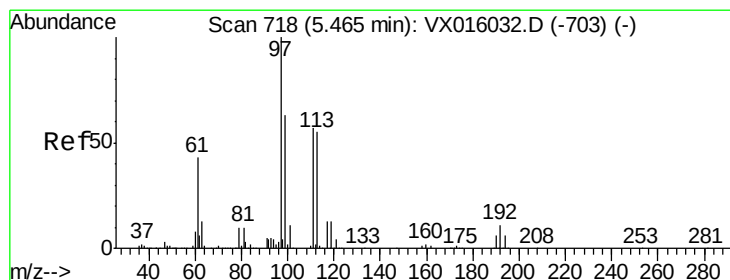
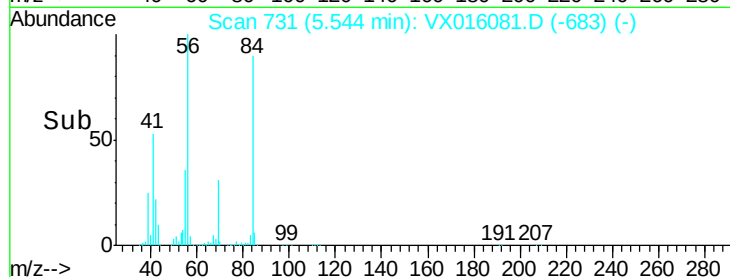
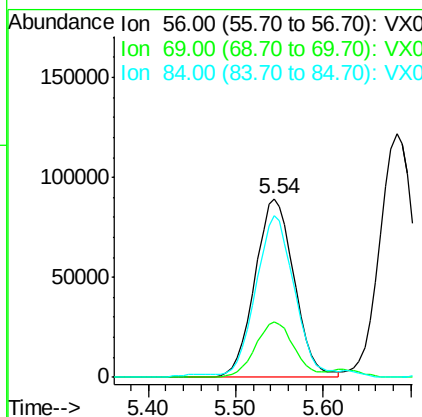
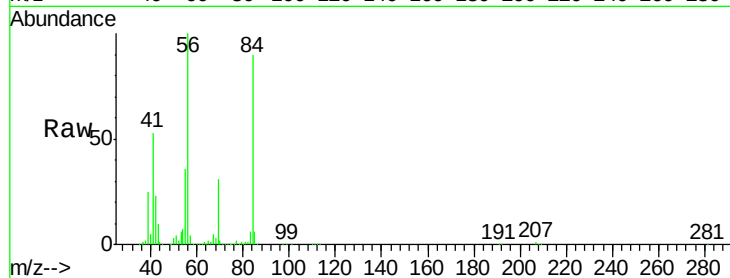
#31
Cyclohexane
Concen: 48.281 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.0	37.6
84	89.1	69.0	103.6

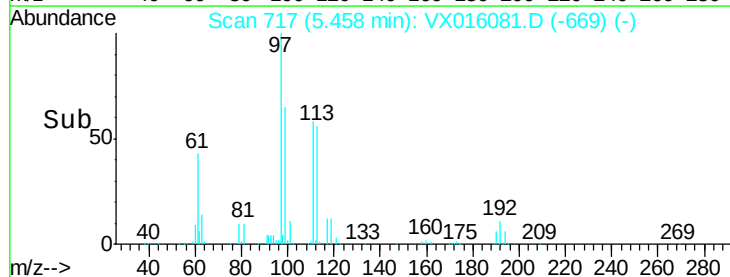
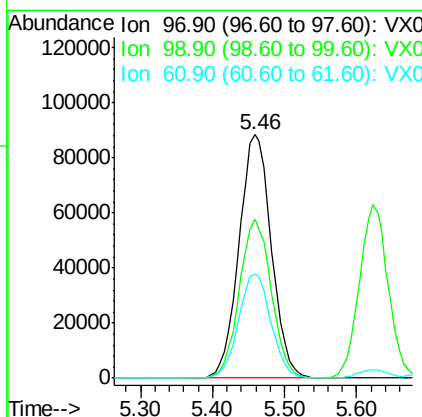
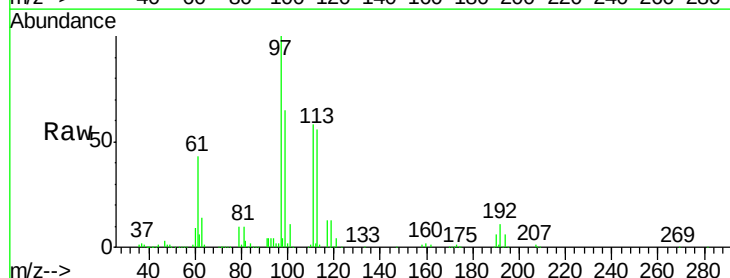
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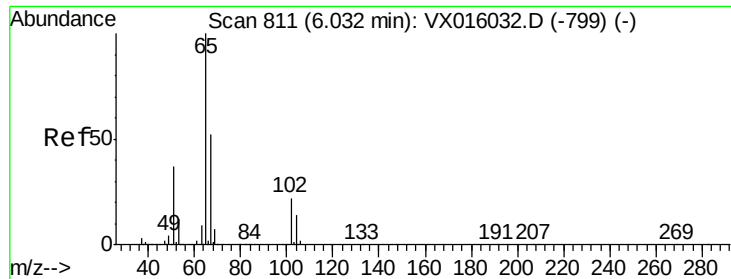
MMDadoda
5/8/2020 11:55:05 AM



#32
1,1,1-Trichloroethane
Concen: 47.875 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	43.1	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 44.682 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 185720

Ion Ratio Lower Upper

65 100

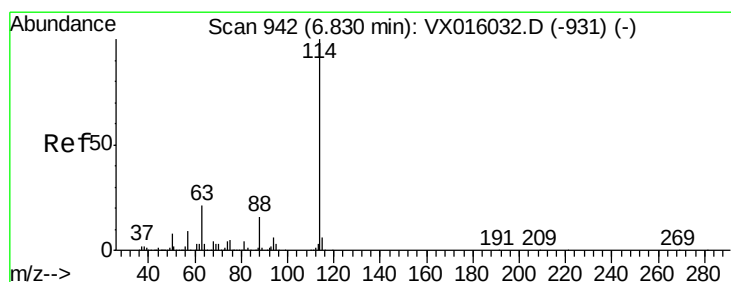
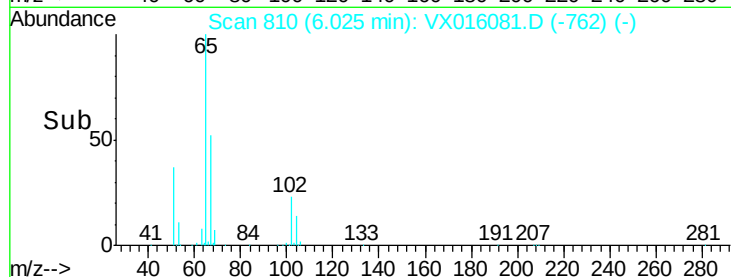
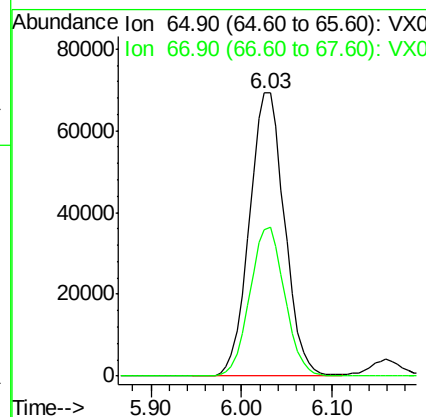
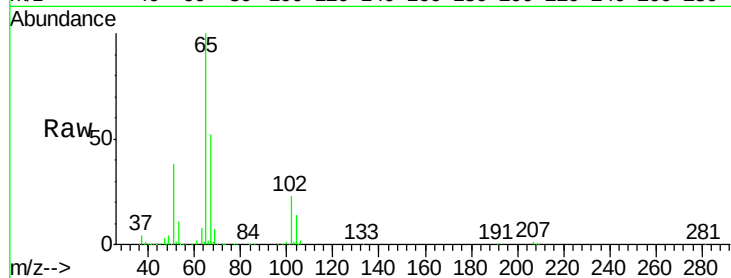
67 52.2 0.0 104.8

Manual Integrations

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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: VX016081.D

Acq: 06 May 2020 16:41

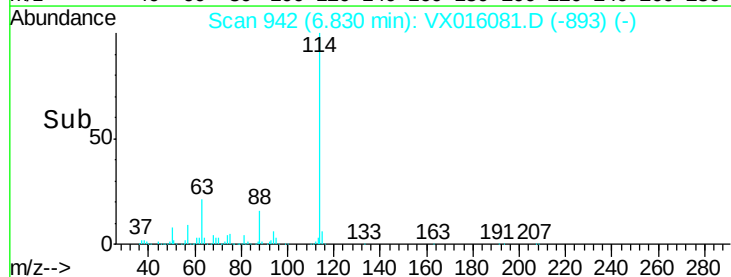
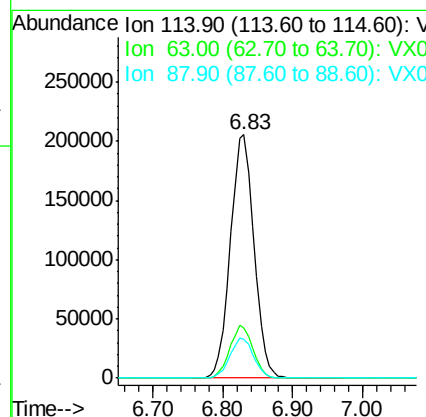
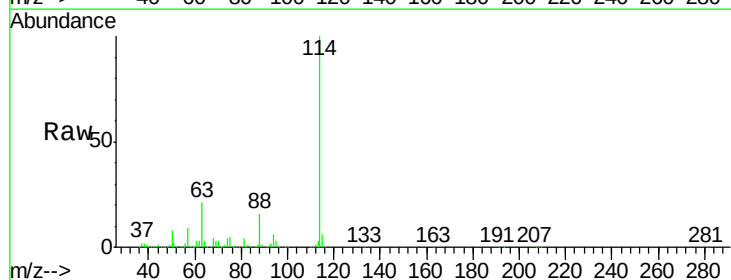
Tgt Ion: 114 Resp: 482435

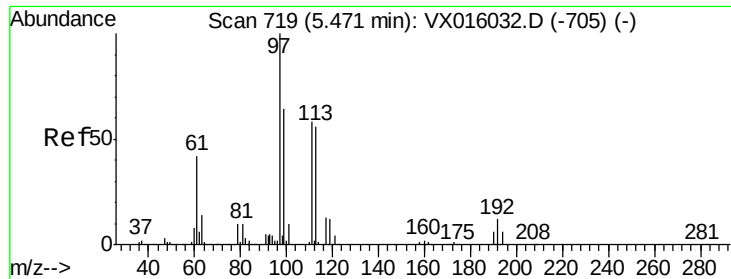
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 15.7 0.0 31.4





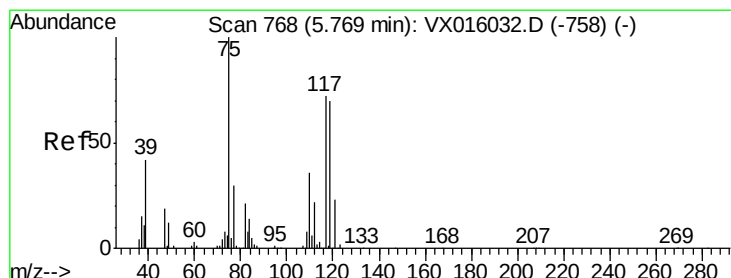
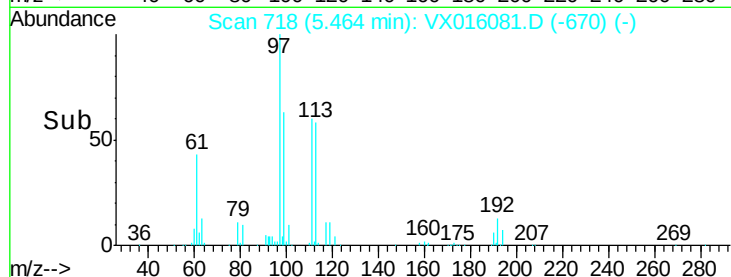
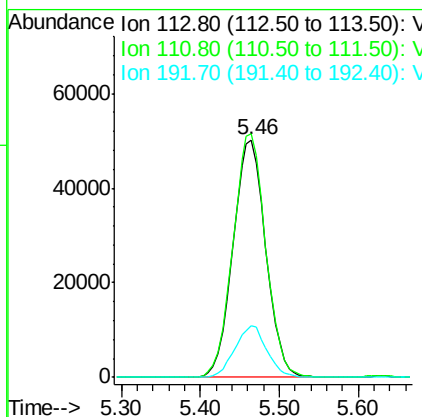
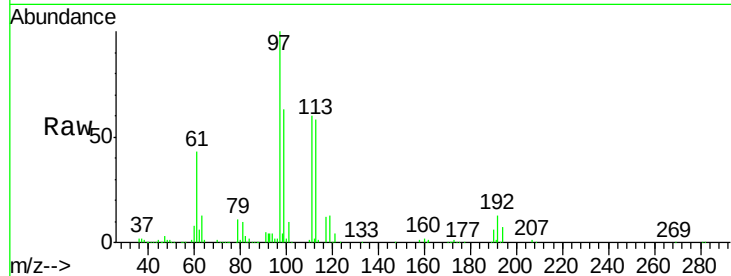
#35
 Dibromofluoromethane
 Concen: 47.354 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	81.6	122.4	
192	21.1	17.0	25.4	

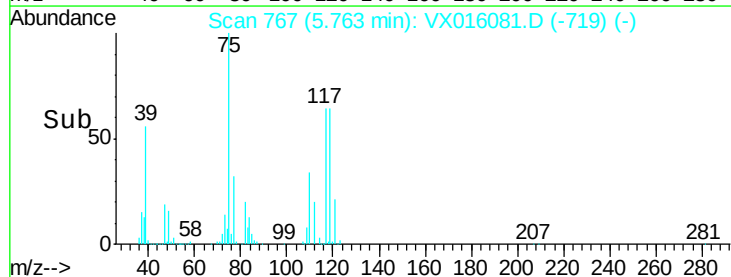
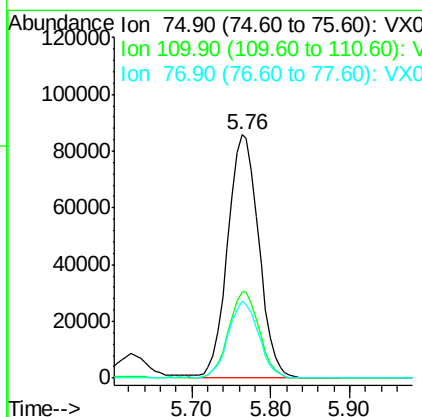
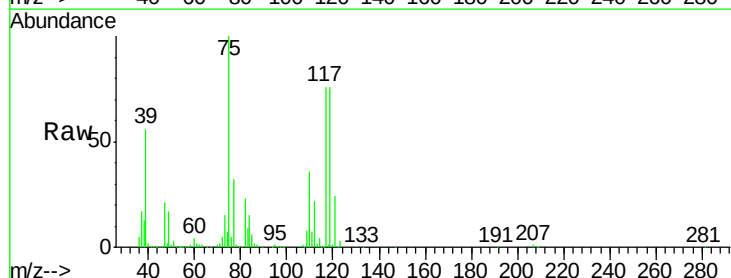
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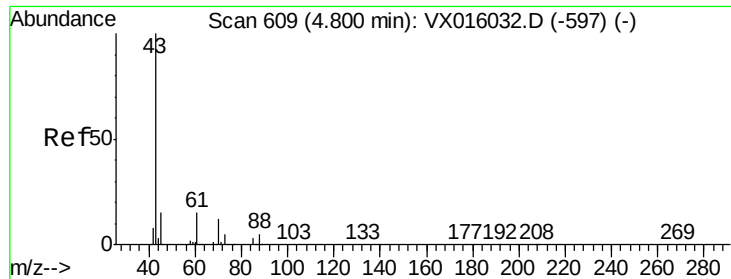
MMDadoda
 5/8/2020 11:55:05 AM



#36
 1,1-Dichloropropene
 Concen: 49.453 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.1	18.1	54.1	
77	31.1	25.0	37.6	





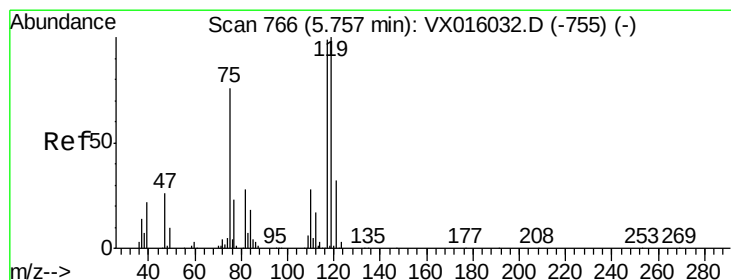
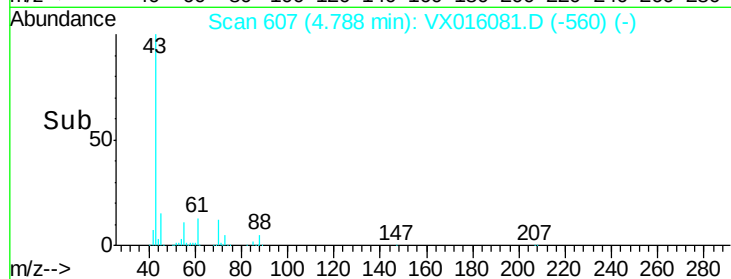
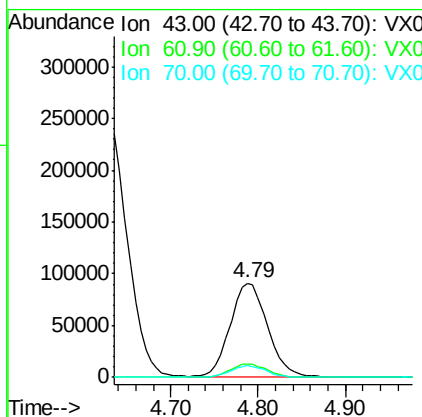
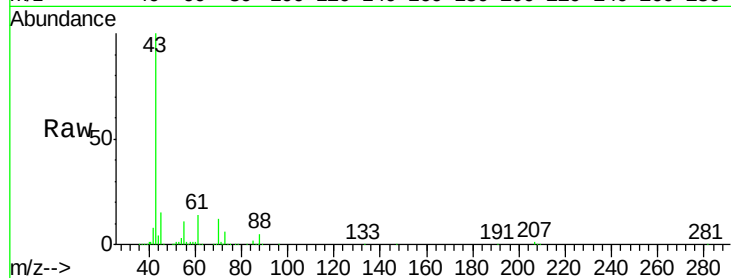
#37
Ethyl Acetate
Concen: 48.915 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.7	17.5
70	11.8	9.3	13.9

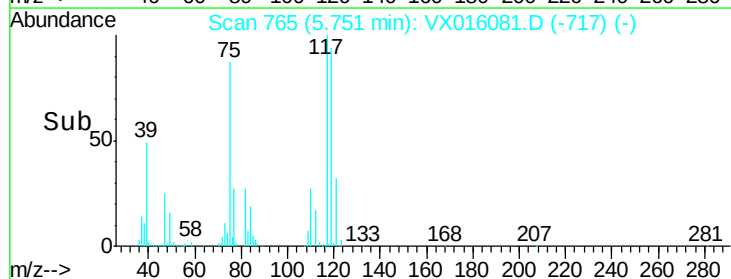
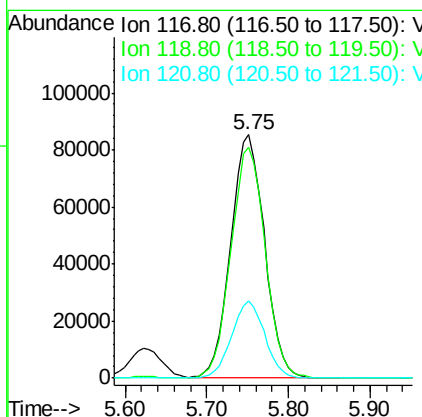
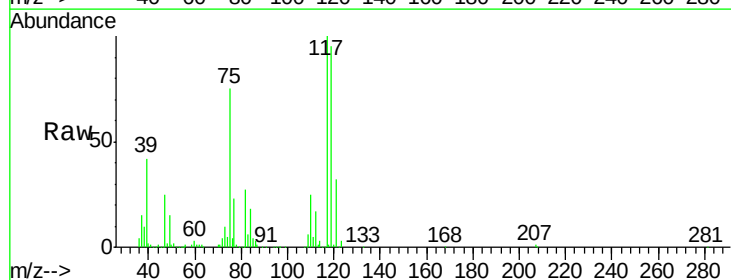
Manual Integrations
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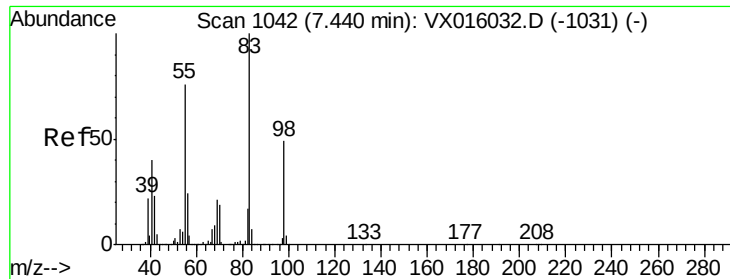
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.840 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	80.3	120.5
121	31.6	25.7	38.5





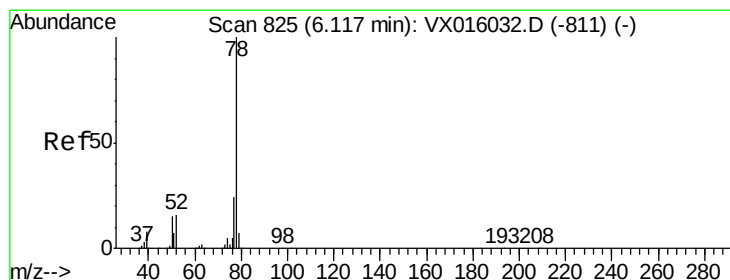
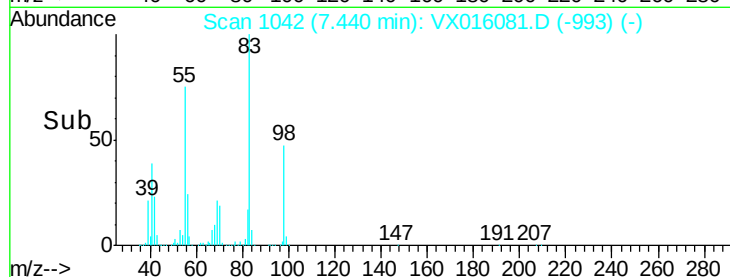
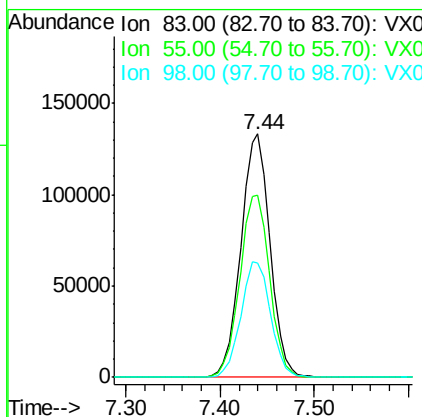
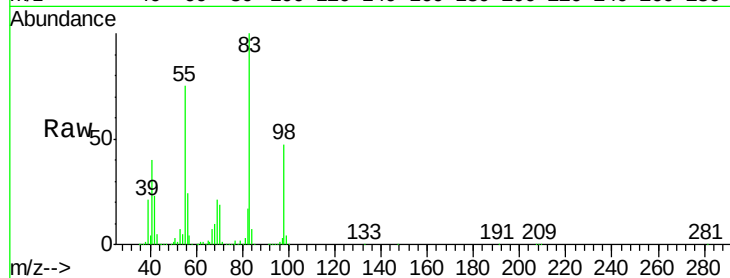
#39
Methylvlcyclohexane
Concen: 50.418 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	61.1	91.7
98	47.0	39.0	58.4

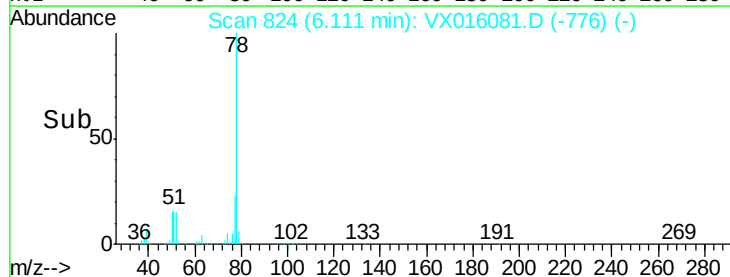
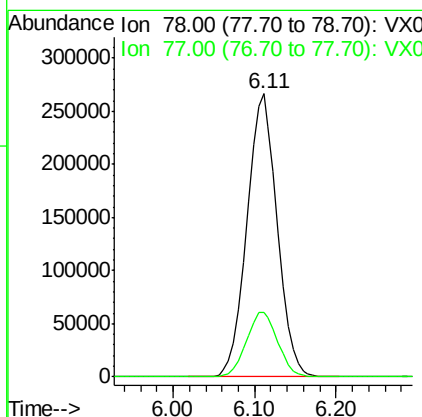
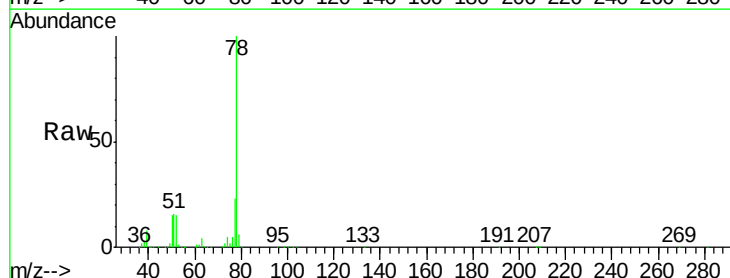
Manual Integrations
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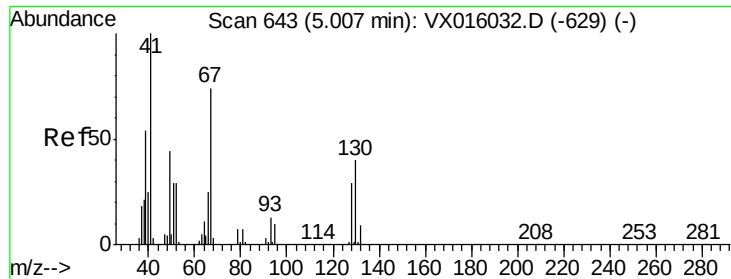
MMDadoda
5/8/2020 11:55:05 AM



#40
Benzene
Concen: 49.423 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





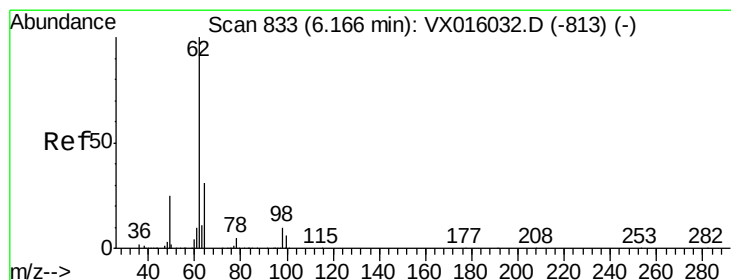
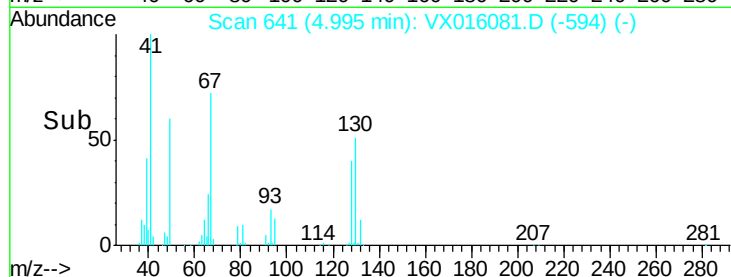
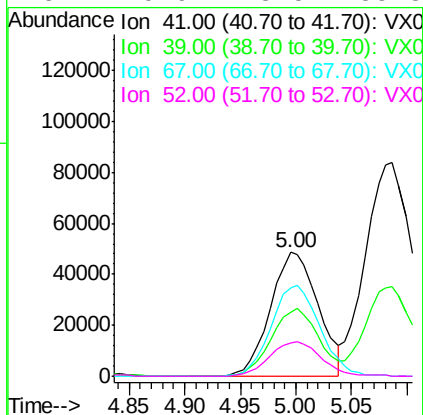
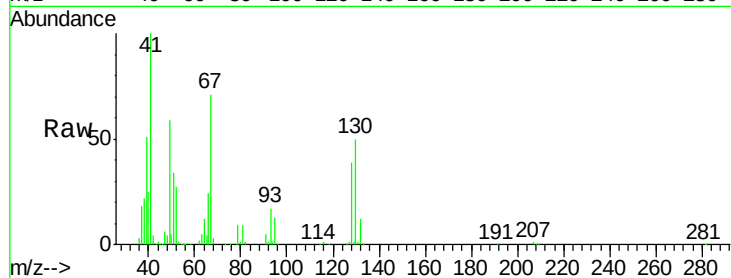
#41
Methacrylonitrile
Concen: 48.777 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		144988		
39	55.5	43.2	64.8		
67	75.0	59.3	88.9		
52	29.9	23.5	35.3		

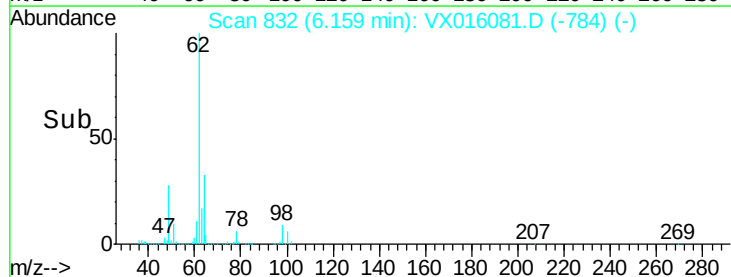
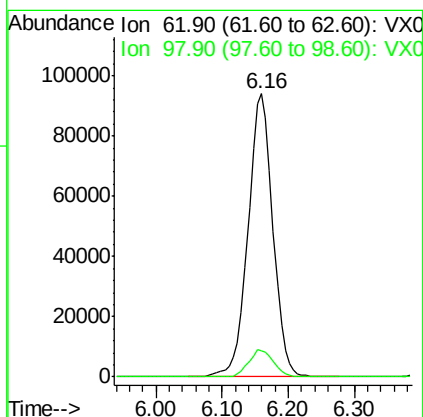
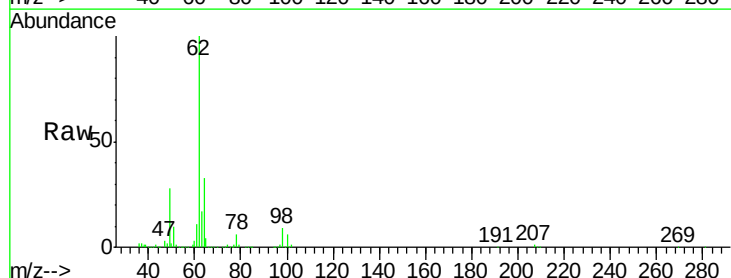
Manual Integrations
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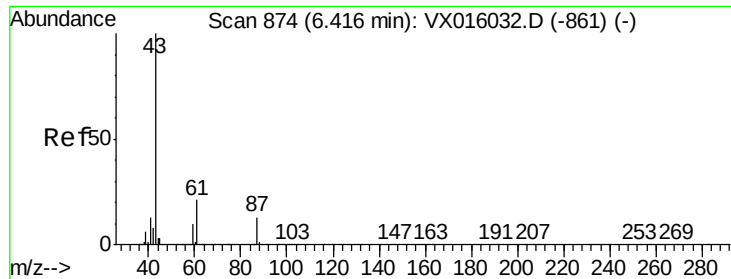
MMDadoda
5/8/2020 11:55:05 AM



#42
1,2-Dichloroethane
Concen: 49.166 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		246096		
98	9.6	0.0	19.4		





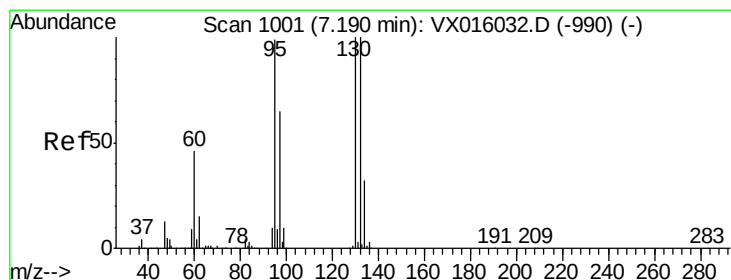
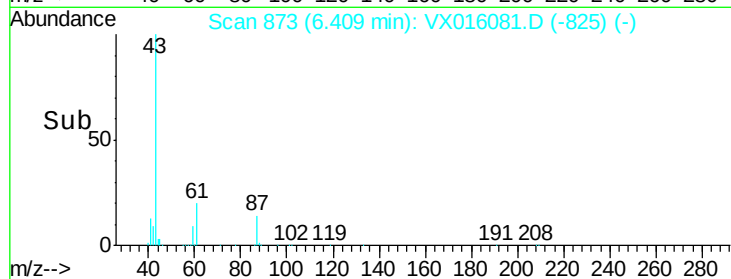
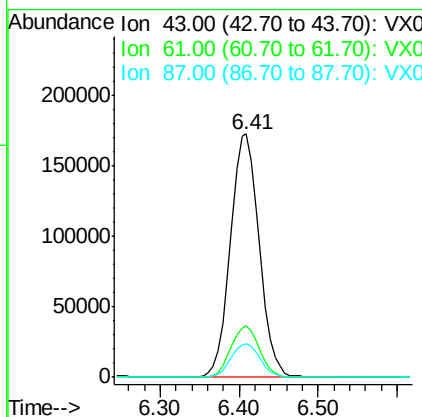
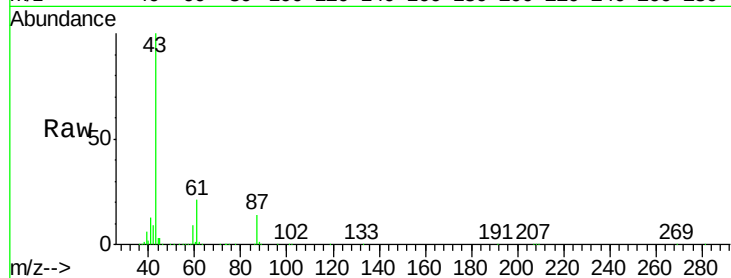
#43
Isopropyl Acetate
Concen: 49.499 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	14.0	11.0	16.6

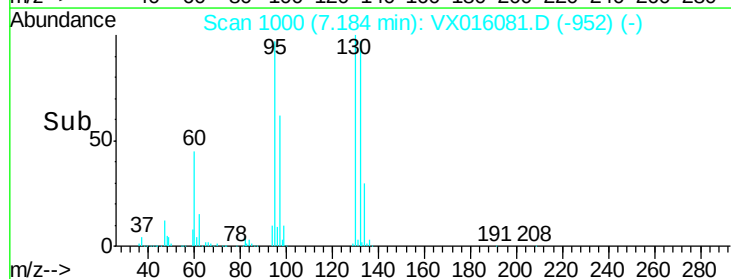
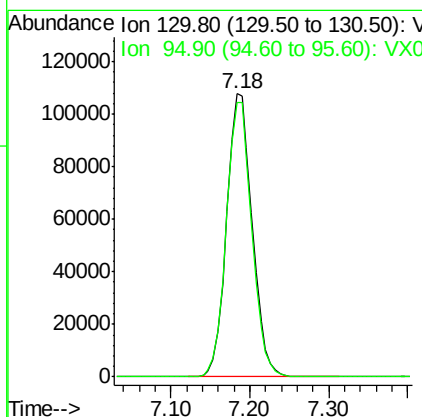
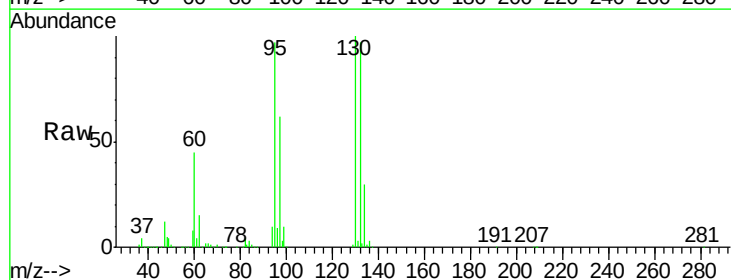
Manual Integrations
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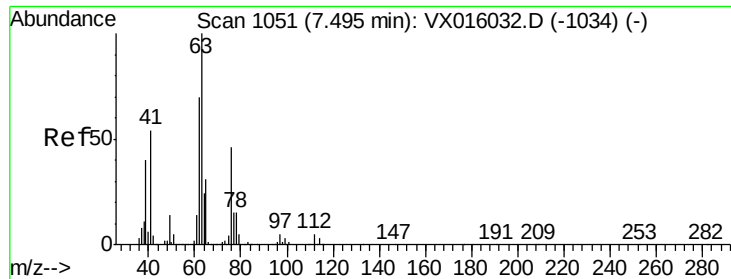
MMDadoda
5/8/2020 11:55:05 AM



#44
Trichloroethene
Concen: 49.144 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	197.4





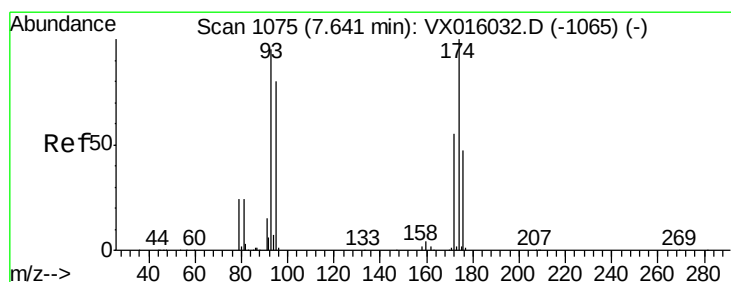
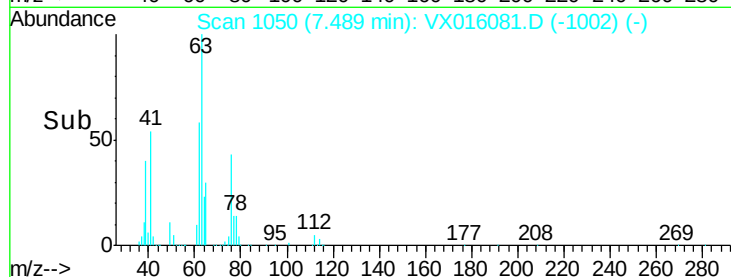
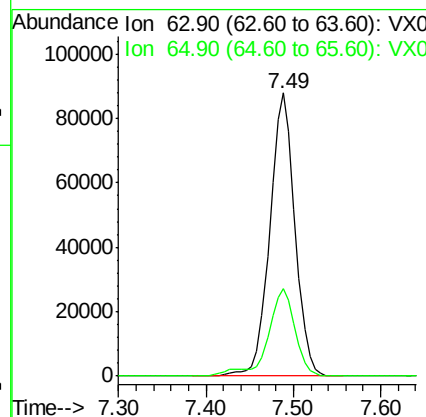
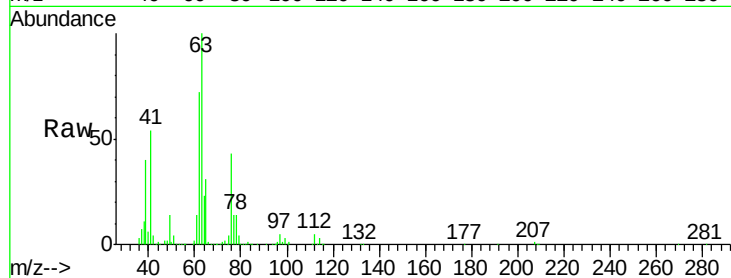
#45
 1,2-Dichloropropane
 Concen: 50.302 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.4	36.6

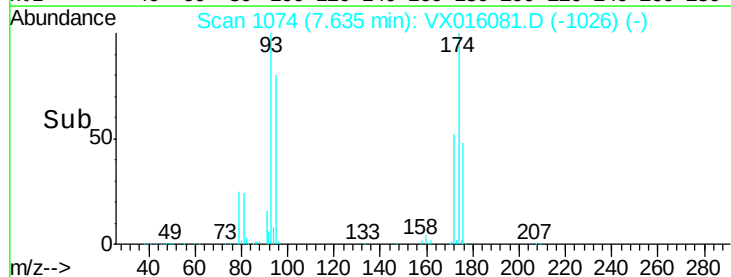
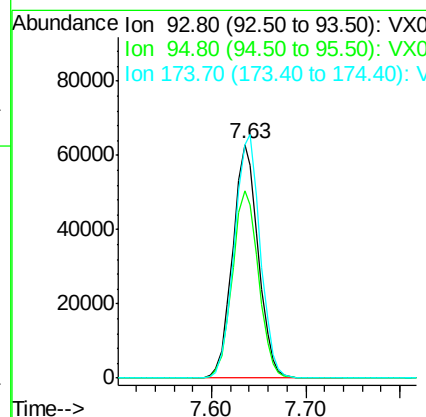
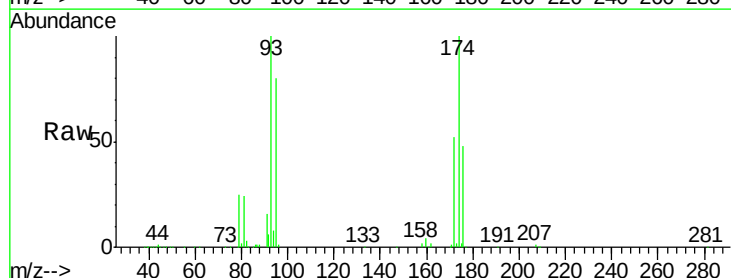
Manual Integrations
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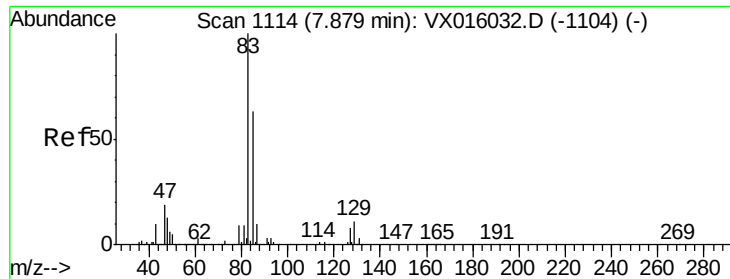
MMDadoda
 5/8/2020 11:55:05 AM



#46
 Dibromomethane
 Concen: 49.651 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	66.6	100.0
174	105.4	84.2	126.4





#47

Bromodichloromethane

Concen: 50.622 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

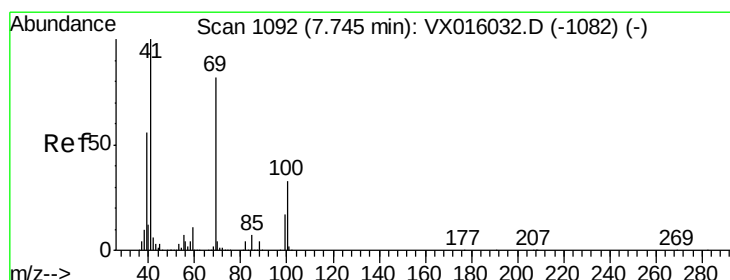
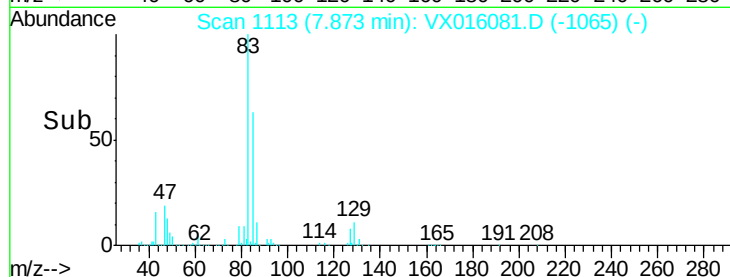
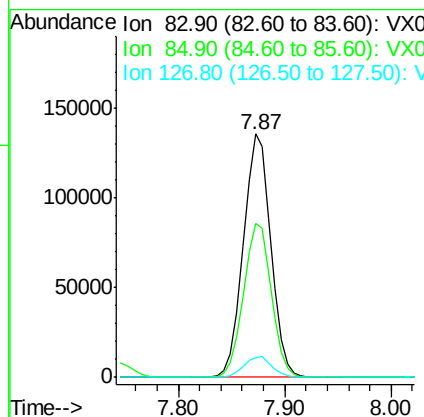
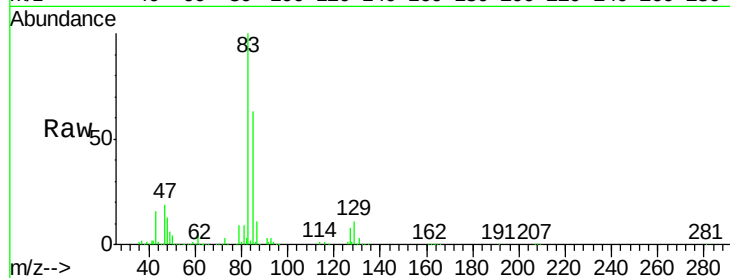
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	246338
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.5	75.7
127	8.0	6.7	10.1

Manual Integrations
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5/8/2020 11:55:05 AM



#48

Methyl methacrylate

Concen: 49.640 ug/l

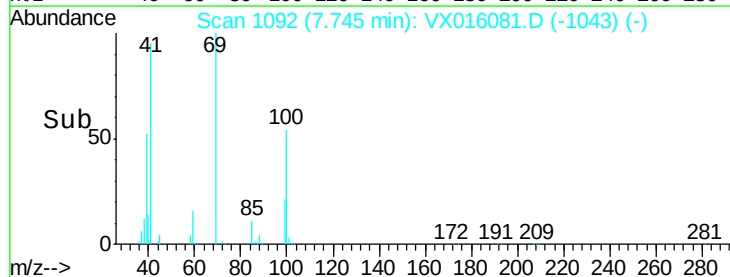
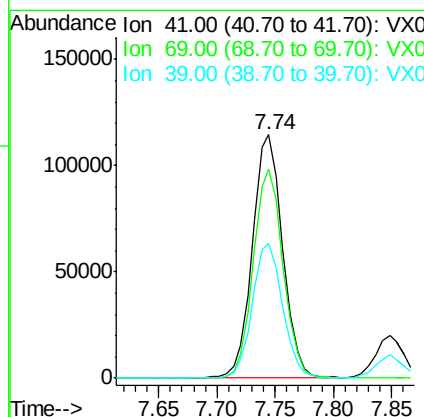
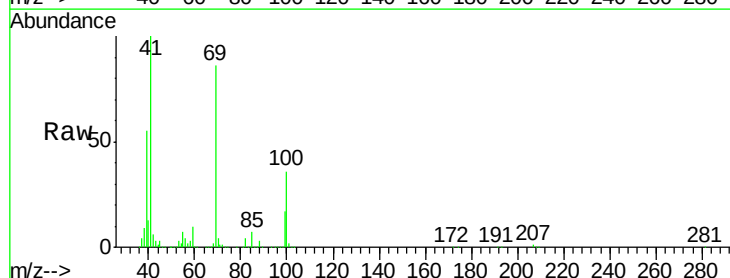
RT: 7.74 min Scan# 1092

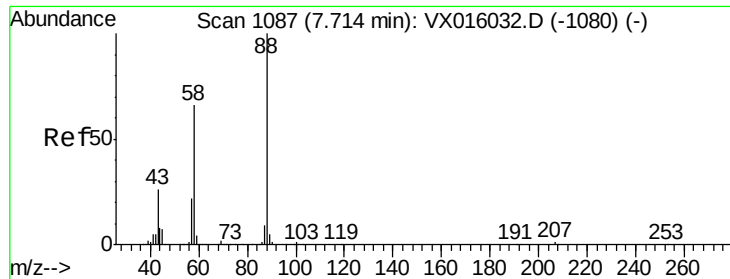
Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion:	41	Resp:	206567
Ion Ratio	Lower	Upper	
41	100		
69	84.9	67.8	101.6
39	55.5	44.6	67.0





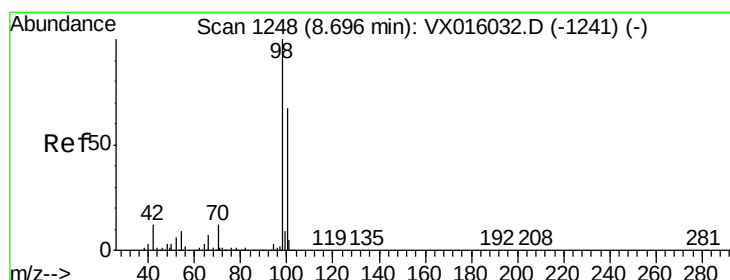
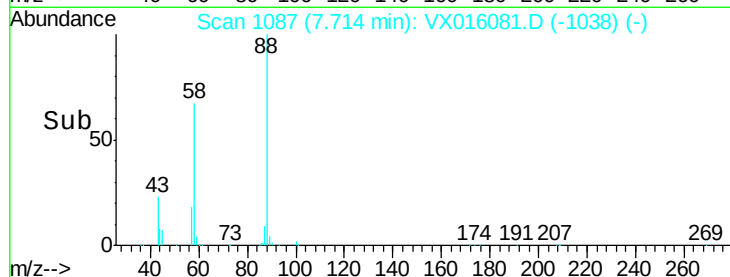
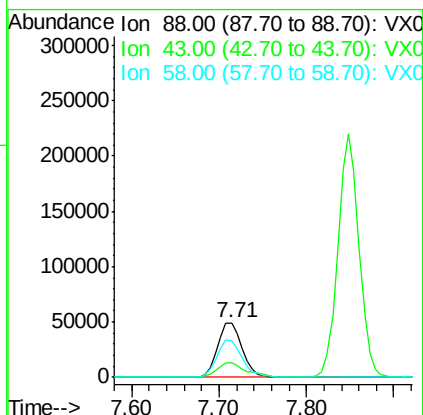
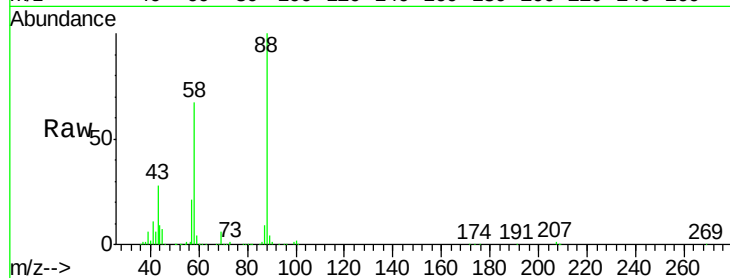
#49
1,4-Dioxane
Concen: 957.351 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	25.3	37.9
58	70.3	55.9	83.9

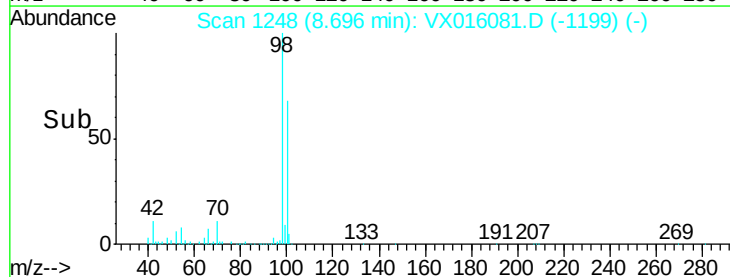
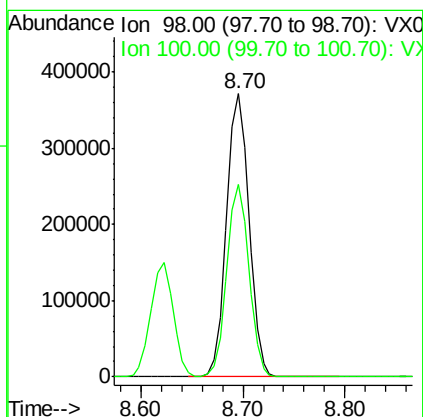
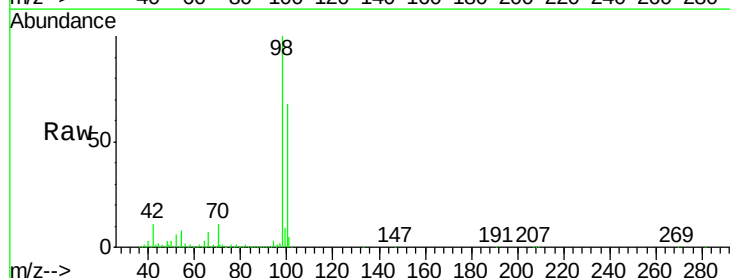
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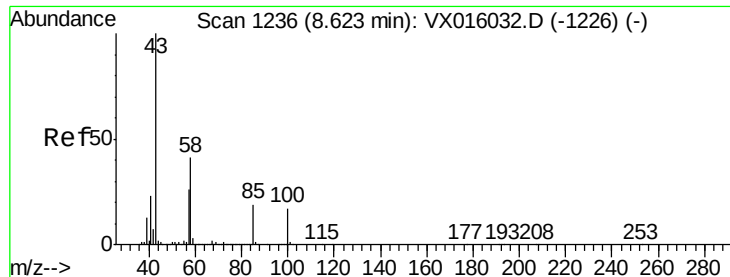
MMDadoda
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#50
Toluene-d8
Concen: 48.086 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.7	80.5





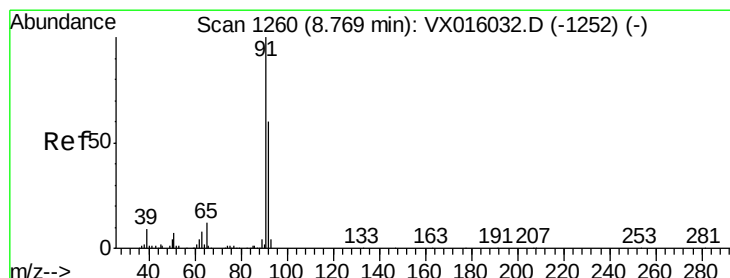
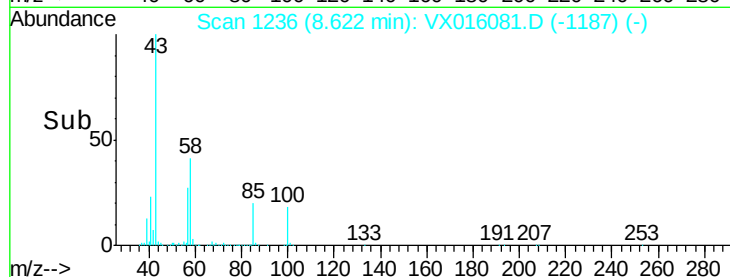
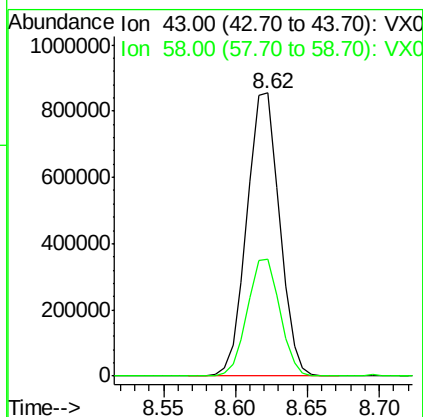
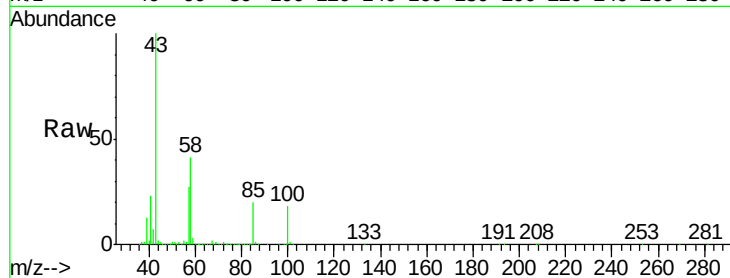
#51
4-Methyl-2-Pentanone
Concen: 249.729 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1342058
Ion Ratio Lower Upper
43 100
58 41.3 33.0 49.4

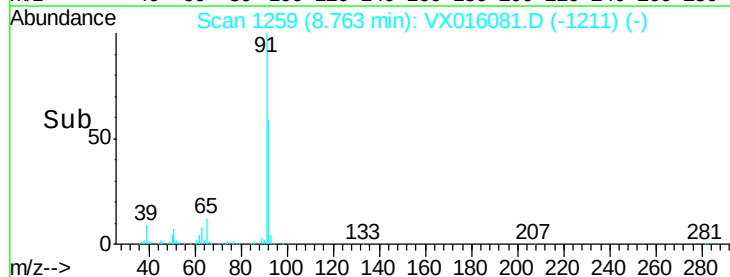
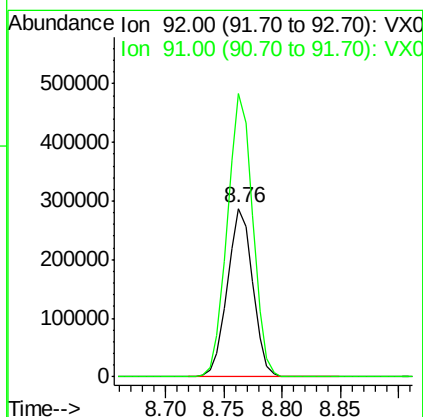
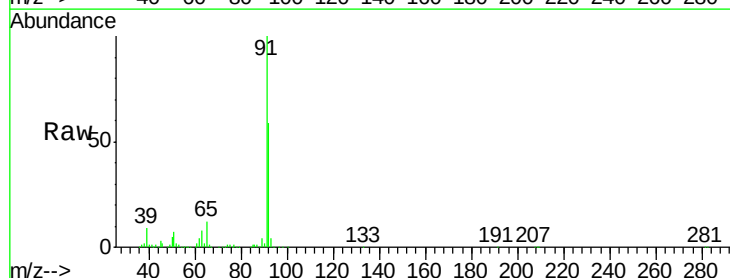
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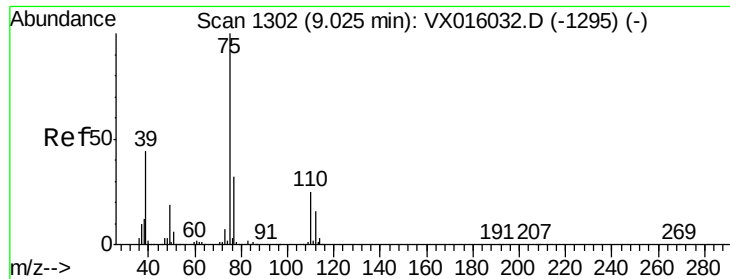
MMDadoda
5/8/2020 11:55:05 AM



#52
Toluene
Concen: 50.093 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion: 92 Resp: 433856
Ion Ratio Lower Upper
92 100
91 169.0 134.5 201.7





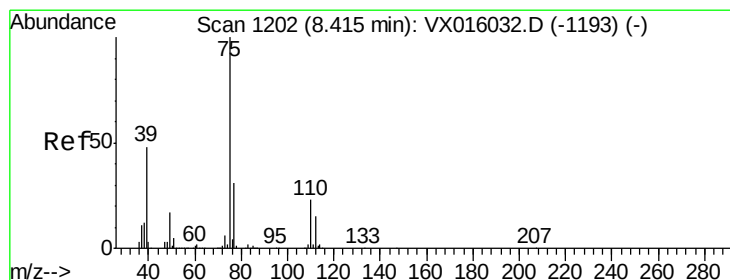
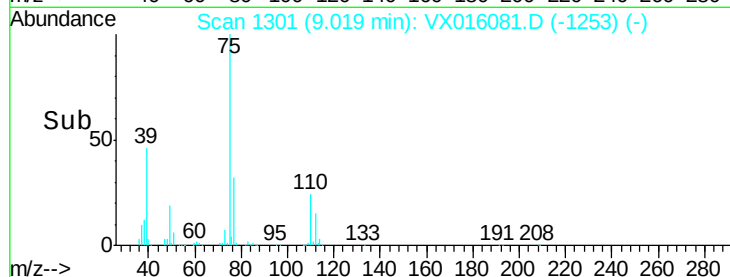
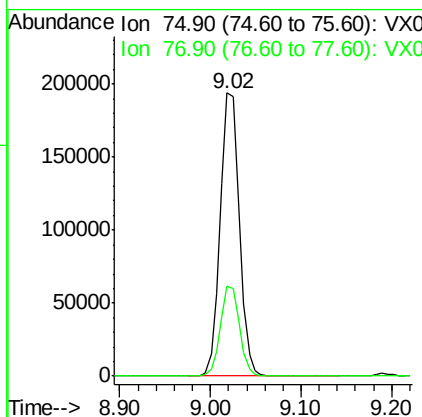
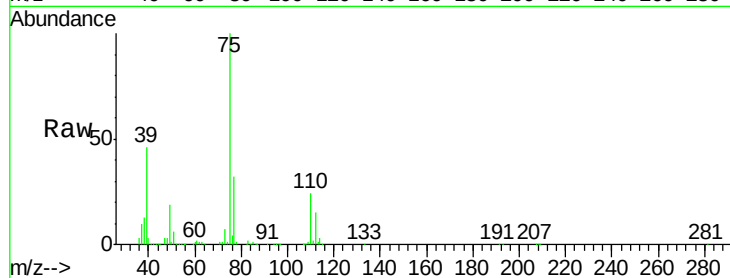
#53
 t-1,3-Dichloropropene
 Concen: 49.599 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5

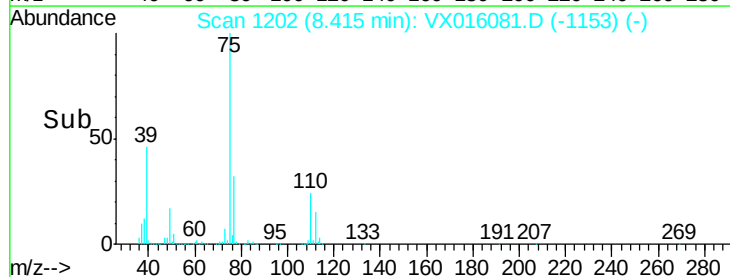
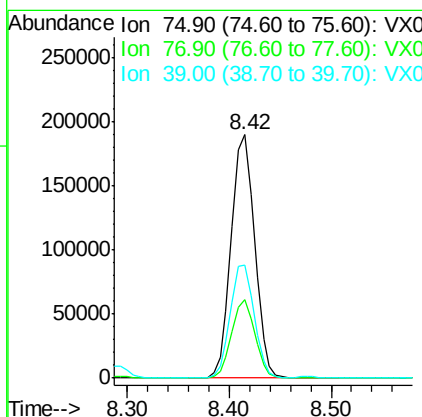
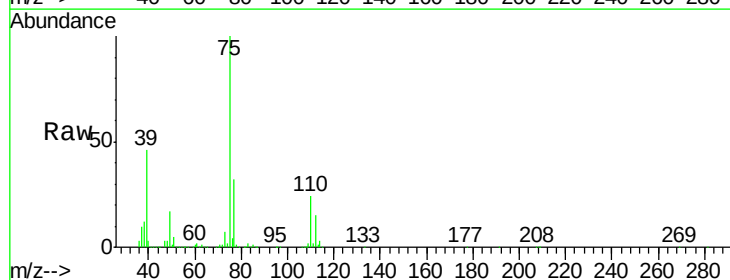
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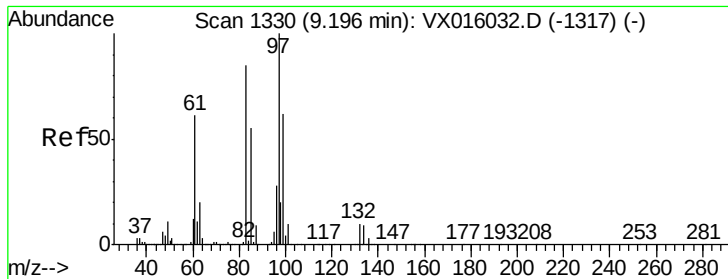
MMDadoda
 5/8/2020 11:55:05 AM



#54
 cis-1,3-Dichloropropene
 Concen: 49.973 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.7	37.1
39	46.3	38.7	58.1





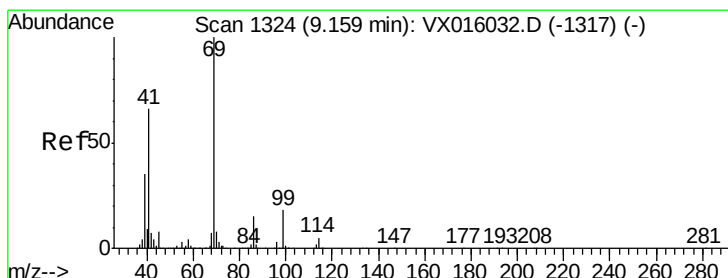
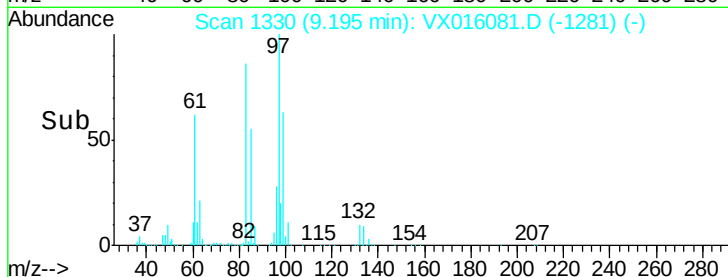
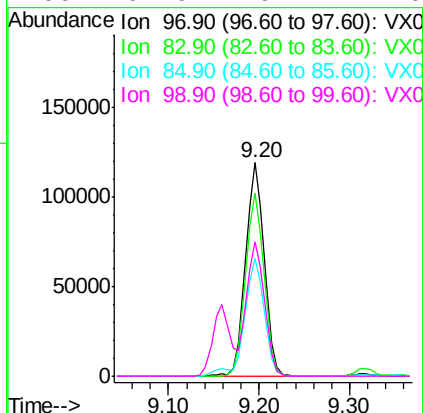
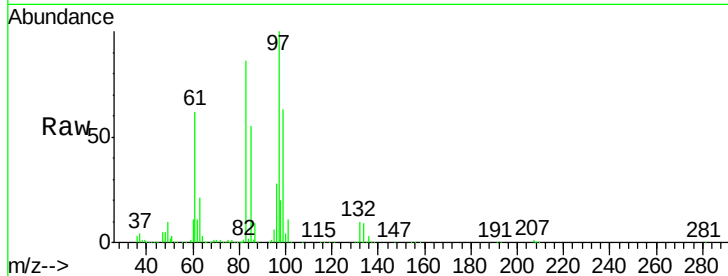
#55
 1,1,2-Trichloroethane
 Concen: 50.090 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		170684		
83	85.5	67.8	101.8		
85	55.2	43.8	65.8		
99	62.9	49.4	74.0		

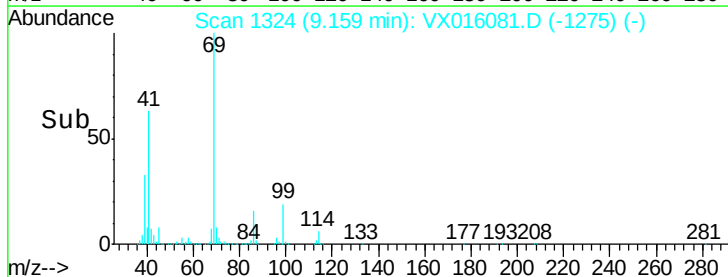
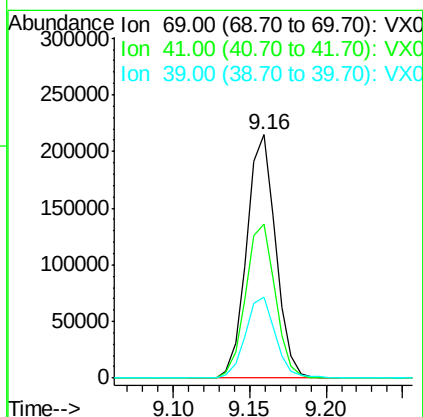
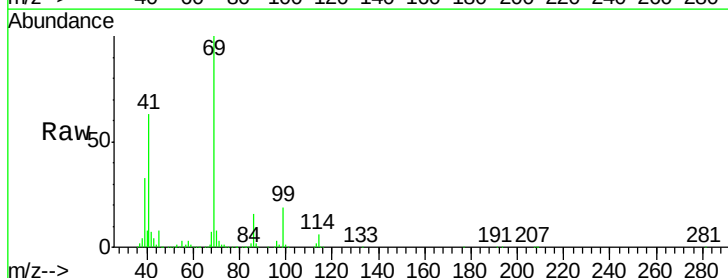
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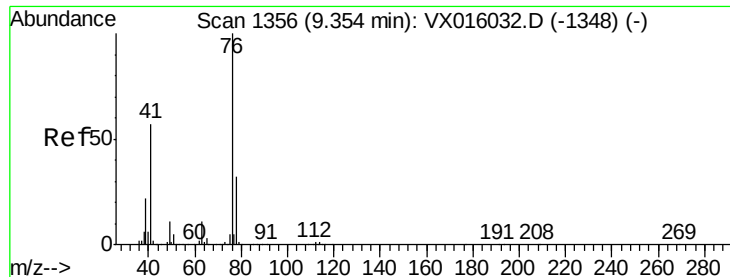
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 5/8/2020 11:55:05 AM



#56
 Ethyl methacrylate
 Concen: 50.998 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		283659		
41	64.5	52.2	78.4		
39	34.3	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 50.317 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 299174

Ion Ratio Lower Upper

76 100

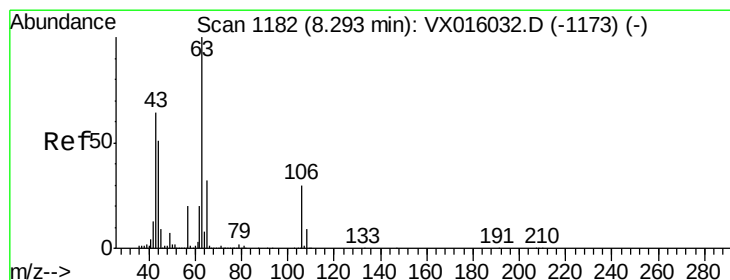
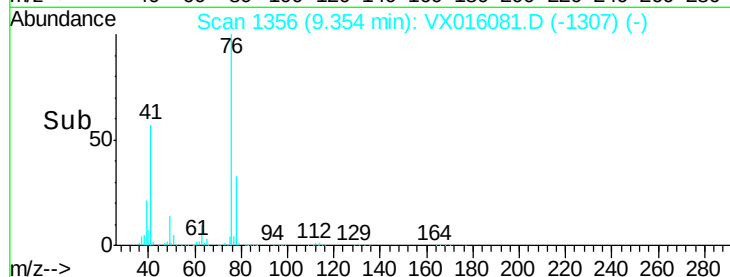
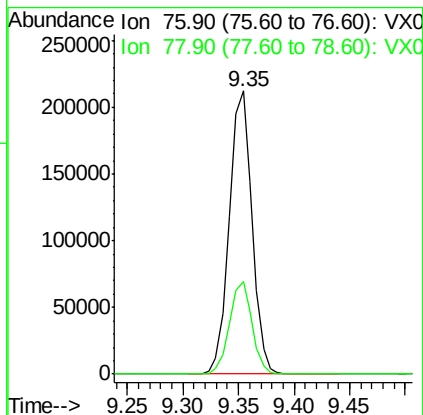
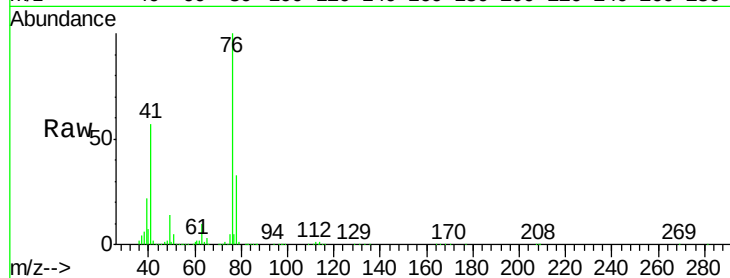
78 32.3 25.9 38.9

Manual Integrations

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5/8/2020 11:55:05 AM



#58

2-Chloroethyl Vinyl ether

Concen: 250.346 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016081.D

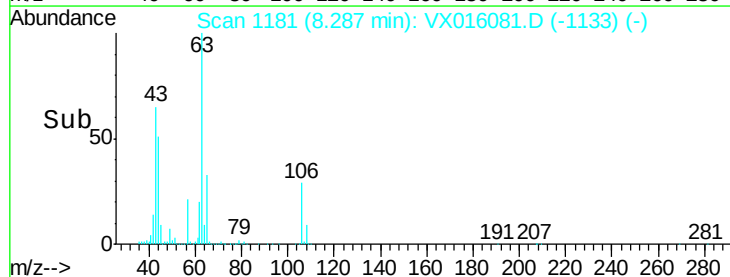
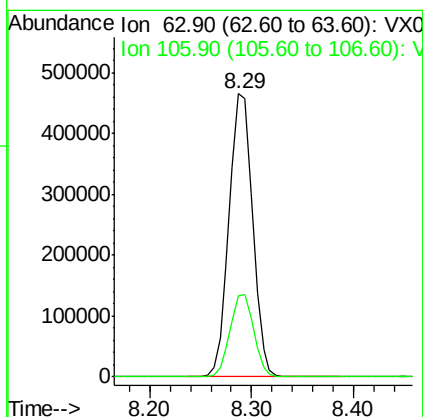
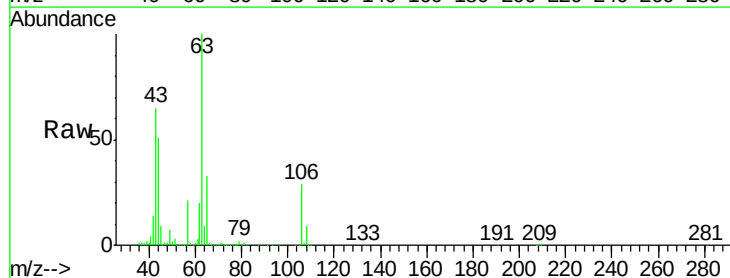
Acq: 06 May 2020 16:41

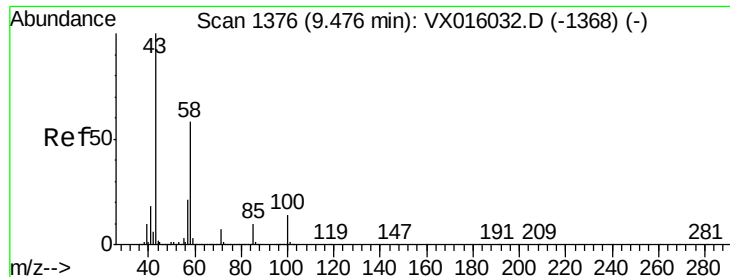
Tgt Ion: 63 Resp: 741320

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2





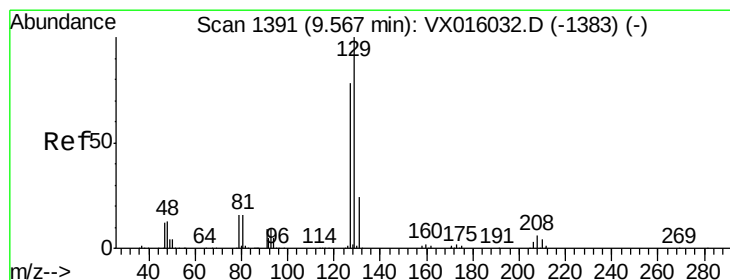
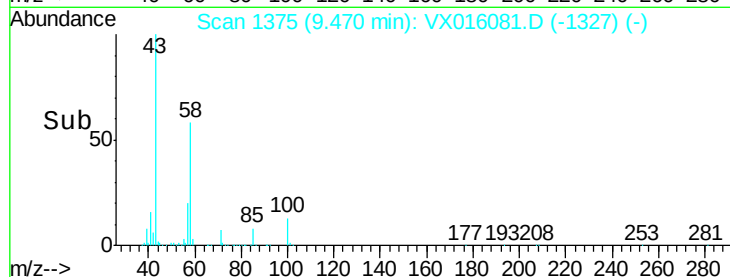
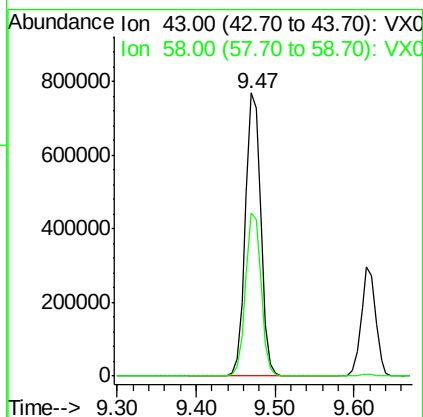
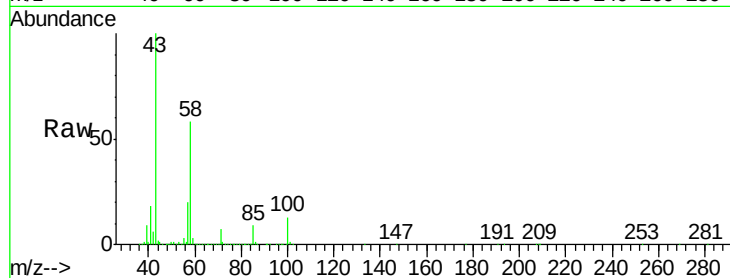
#59
2-Hexanone
Concen: 246.405 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1039925
Ion Ratio Lower Upper
43 100
58 58.0 28.6 85.9

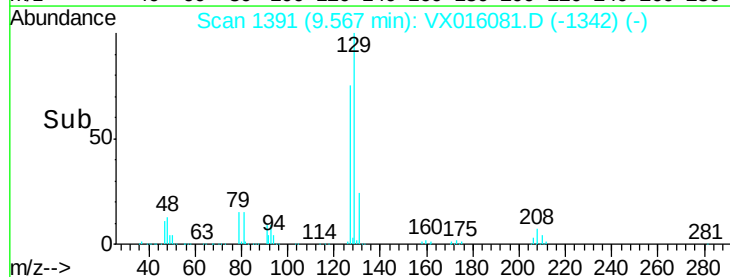
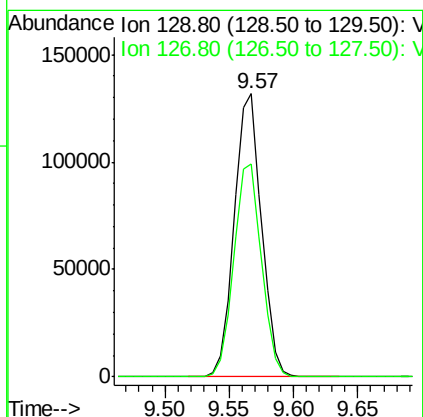
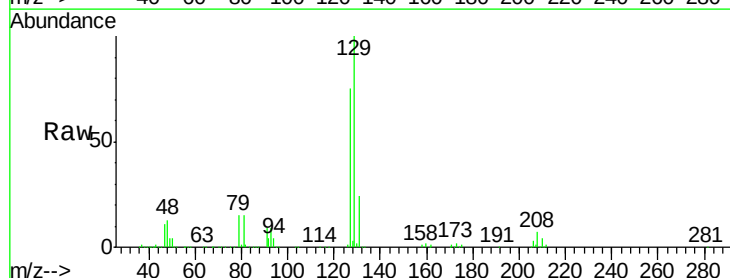
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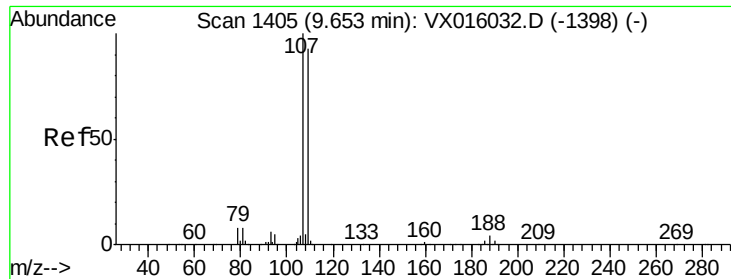
MMDadoda
5/8/2020 11:55:05 AM



#60
Dibromochloromethane
Concen: 51.656 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion: 129 Resp: 193862
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





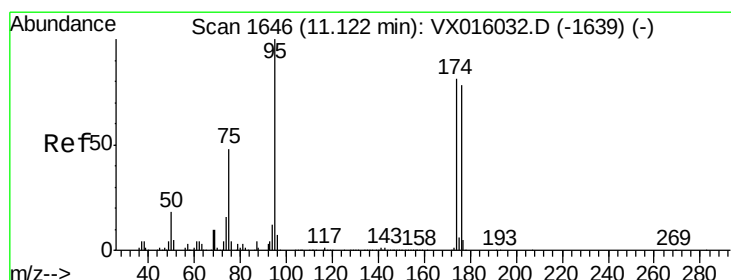
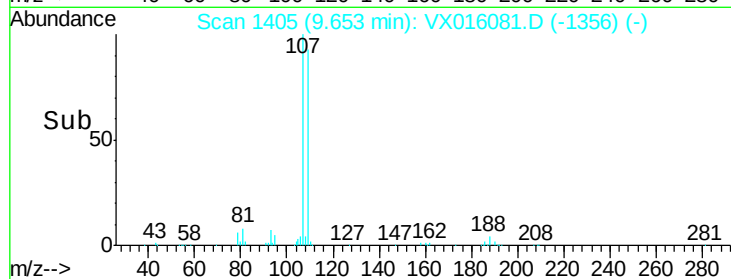
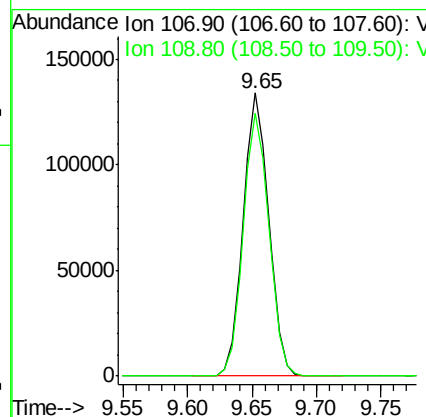
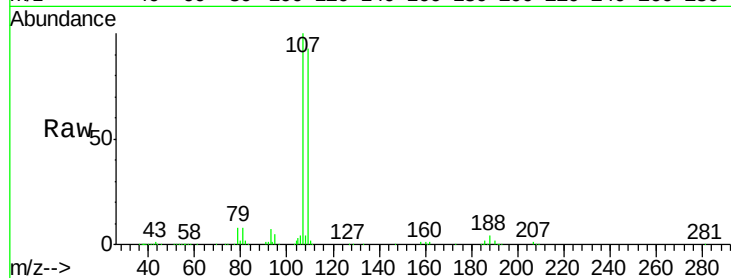
#61
 1,2-Dibromoethane
 Concen: 49.919 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	184251		
109	94.1	74.9	112.3	

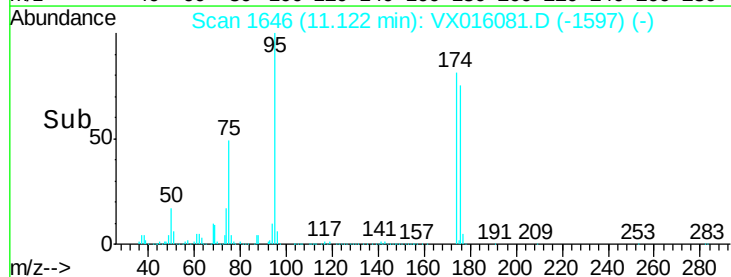
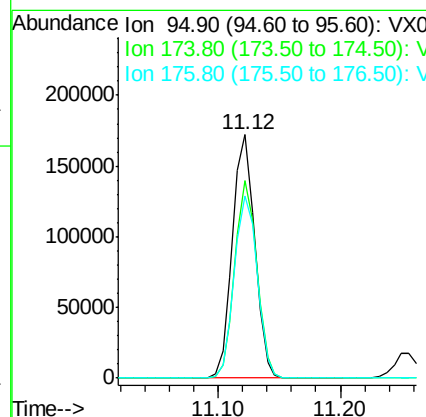
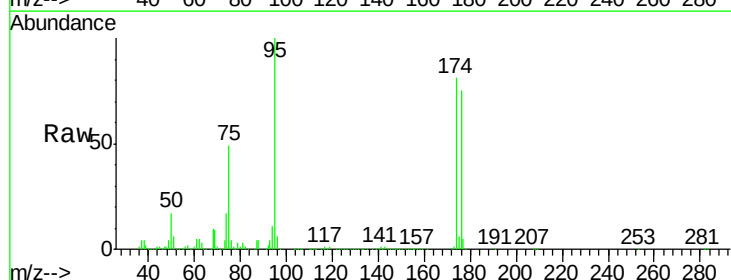
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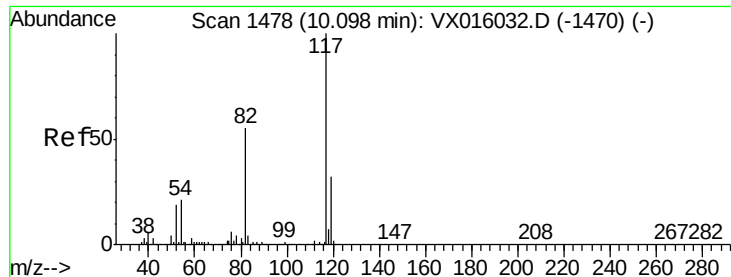
MMDadoda
 5/8/2020 11:55:05 AM



#62
 4-Bromofluorobenzene
 Concen: 48.354 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	216592		
174	80.3	0.0	159.4	
176	76.8	0.0	157.6	





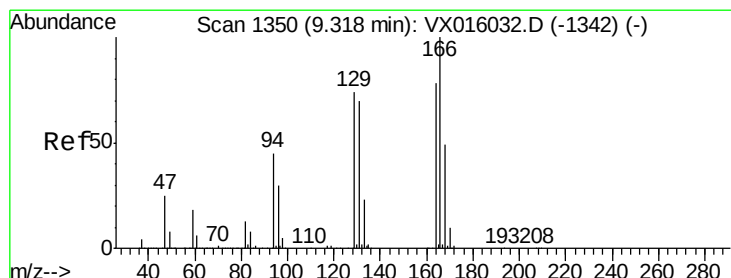
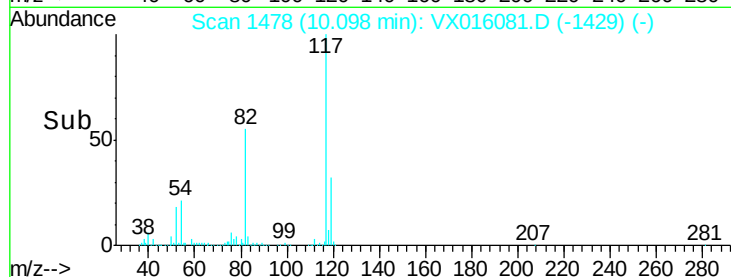
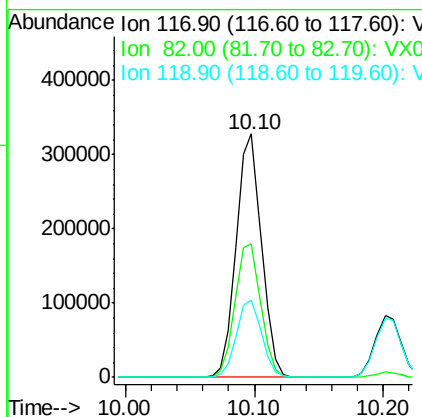
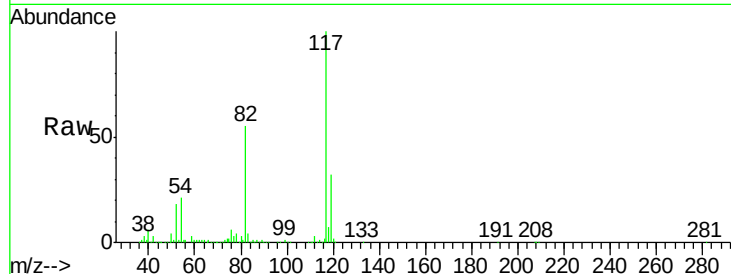
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	447156		
82	54.8		44.4	66.6
119	31.9		25.5	38.3

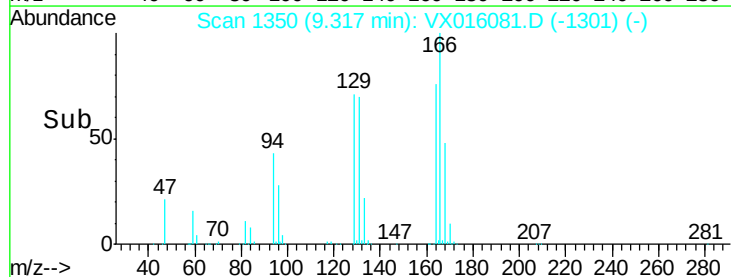
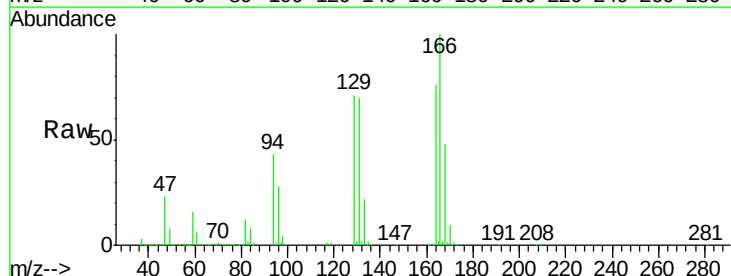
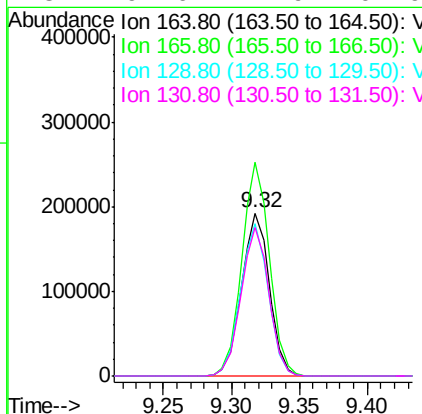
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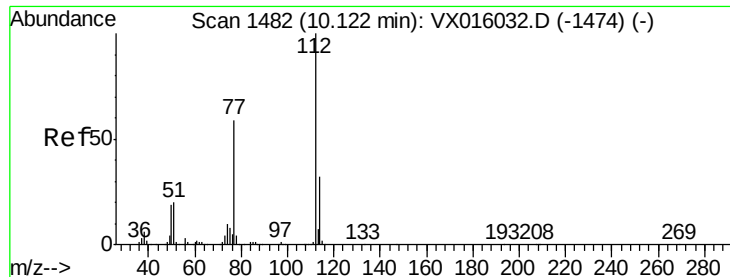
MMDadoda
5/8/2020 11:55:05 AM



#64
Tetrachloroethene
Concen: 49.982 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	274371		
166	131.3		102.9	154.3
129	93.5		76.1	114.1
131	91.6		71.9	107.9





#65

Chlorobenzene

Concen: 49.470 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 463181

Ion Ratio Lower Upper

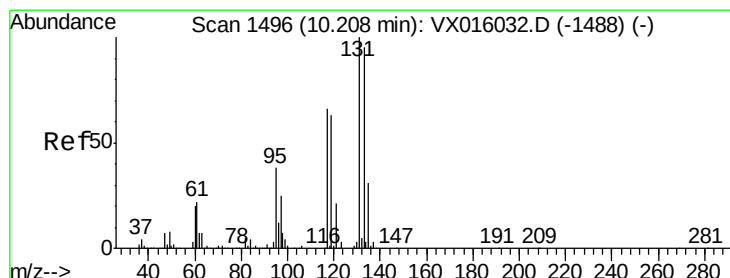
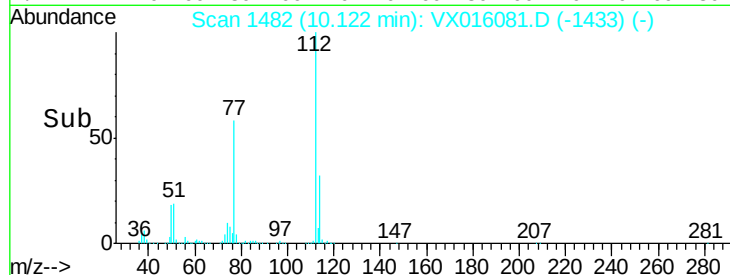
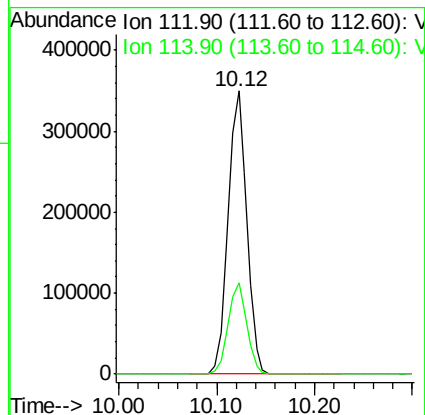
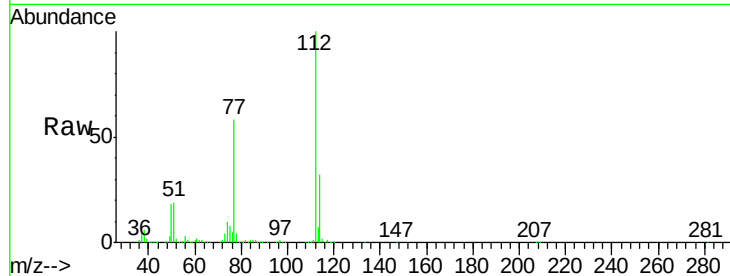
112 100

114 32.3 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 50.678 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

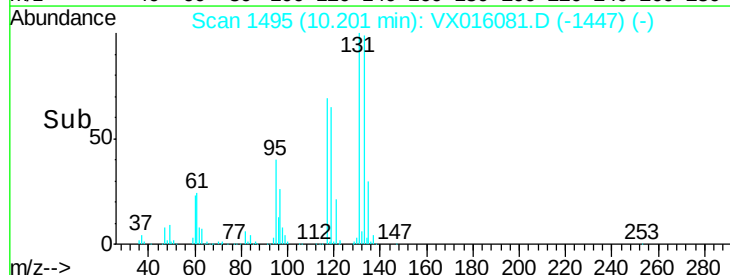
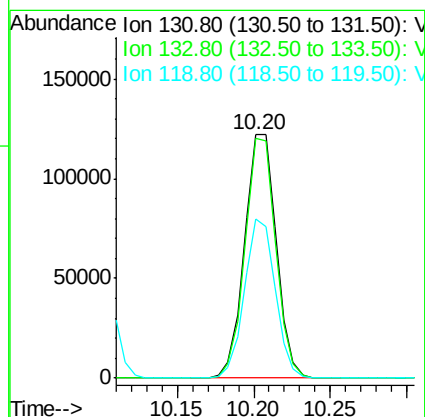
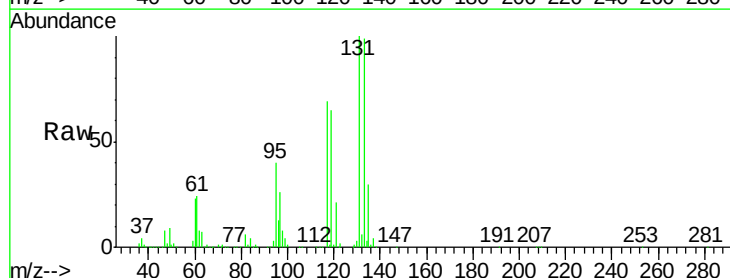
Tgt Ion:131 Resp: 175379

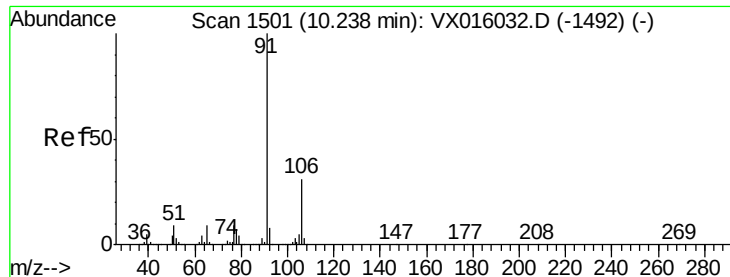
Ion Ratio Lower Upper

131 100

133 96.0 48.3 144.8

119 63.4 32.3 96.9





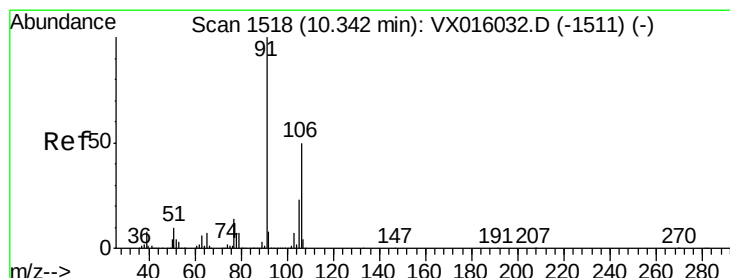
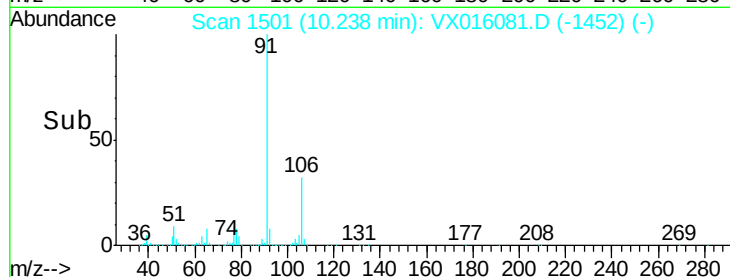
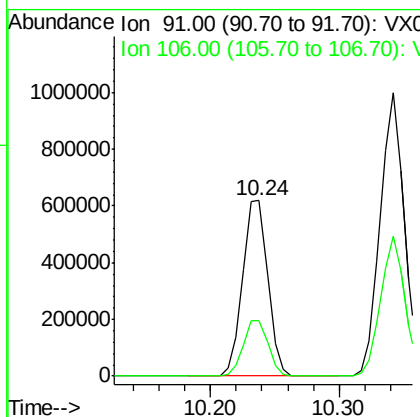
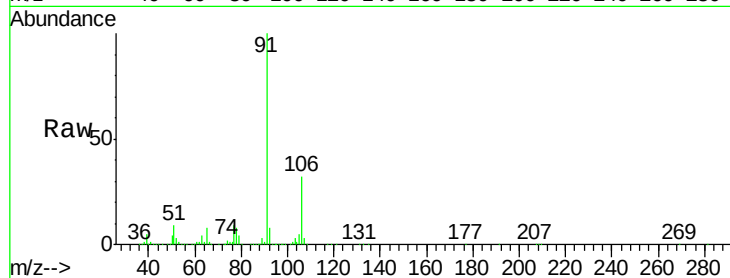
#67
Ethyl Benzene
Concen: 49.874 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 833190
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7

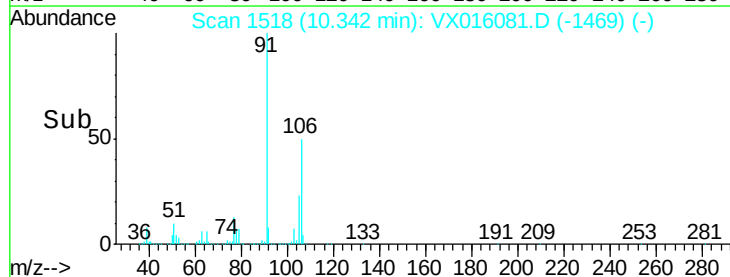
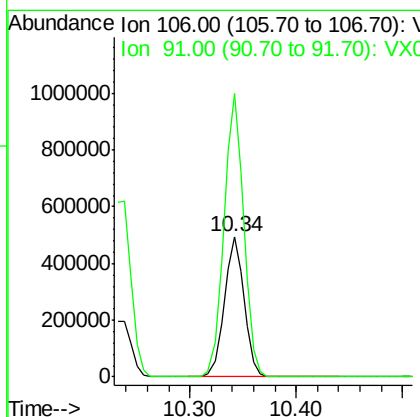
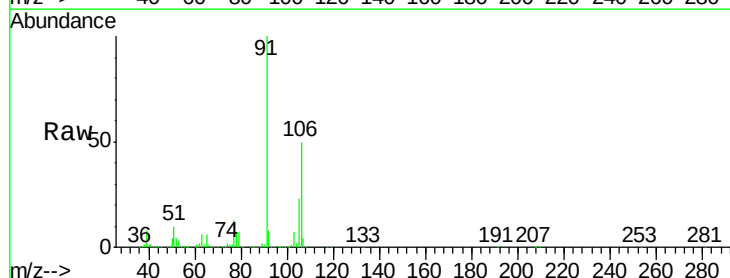
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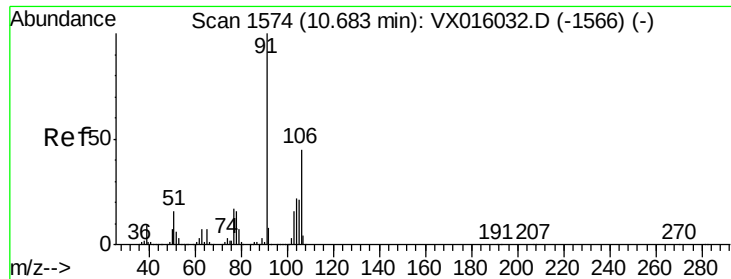
MMDadoda
5/8/2020 11:55:05 AM



#68
m/p-Xylenes
Concen: 102.143 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion: 106 Resp: 639319
Ion Ratio Lower Upper
106 100
91 202.1 161.7 242.5





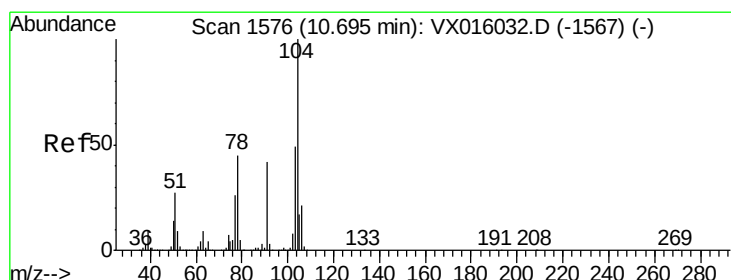
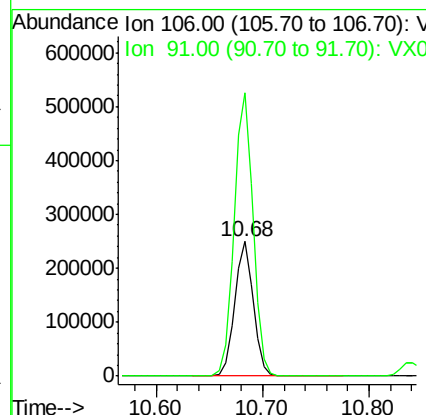
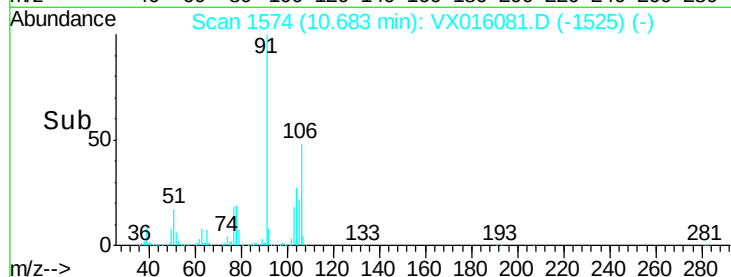
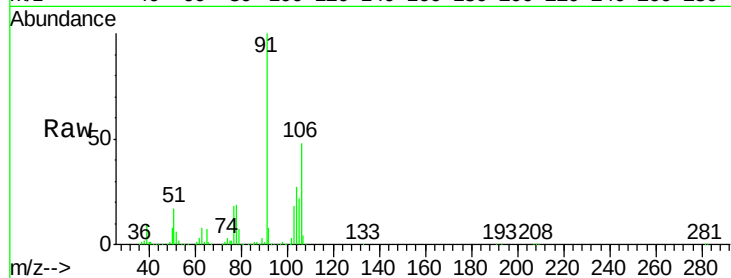
#69
o-Xylene
Concen: 50.638 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		304662		
91	214.9	107.5	322.6		

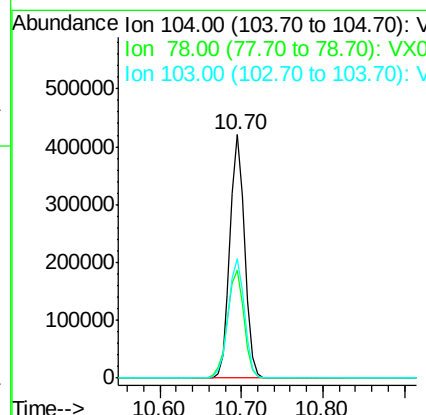
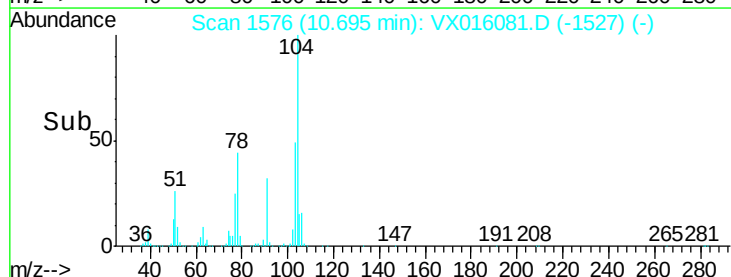
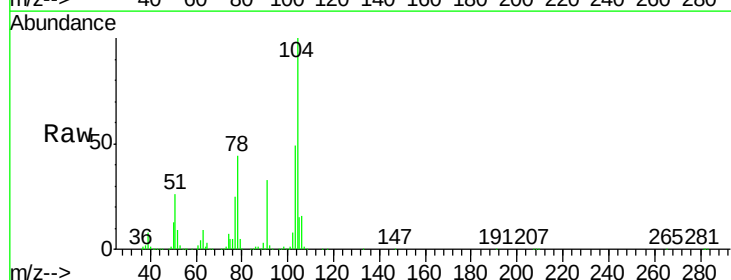
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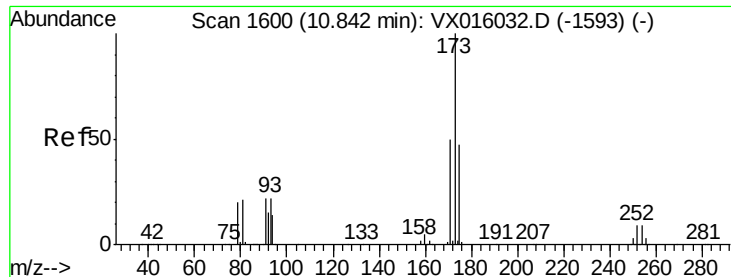
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#70
Styrene
Concen: 51.297 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		523582		
78	50.1	40.2	60.2		
103	54.1	43.0	64.6		





#71

Bromoform

Concen: 52.187 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

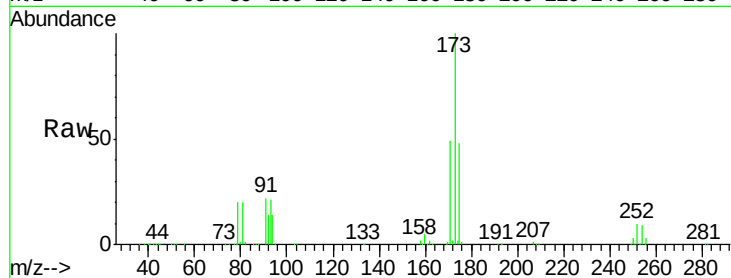
ClientSampleId :

VSTDCCC050EC

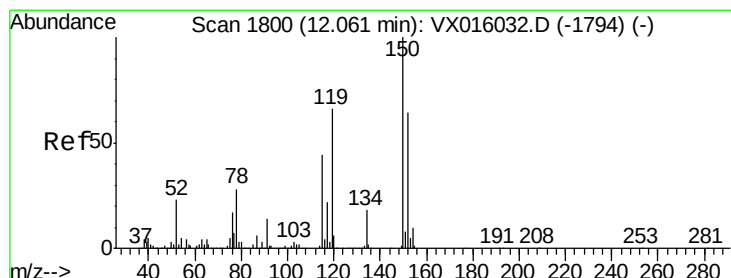
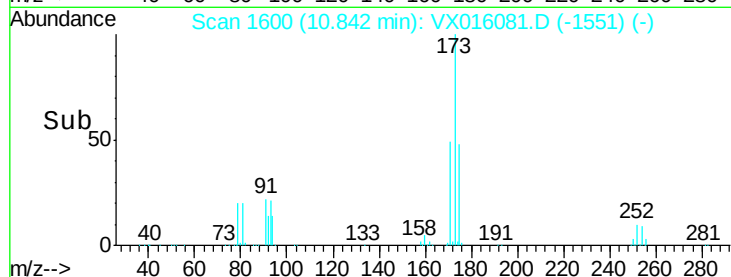
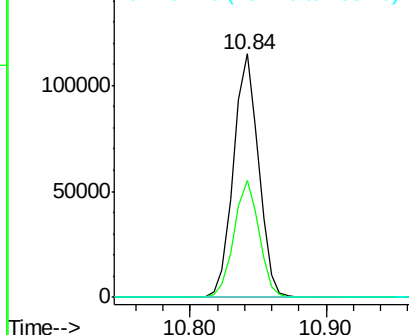
Tot Ion:	173	Resp:	147140
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.0	72.0
254	0.2	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

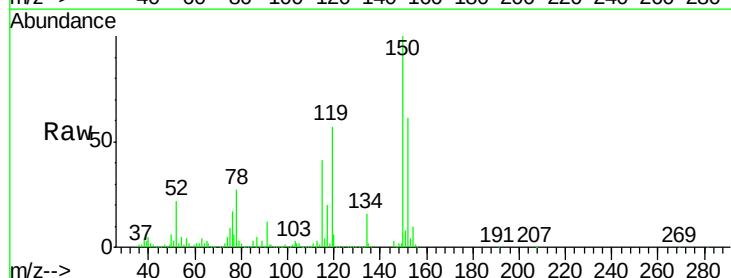
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

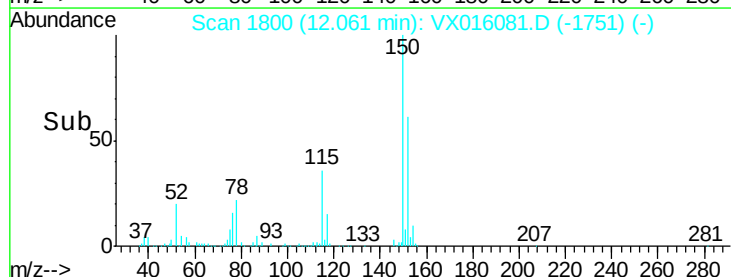
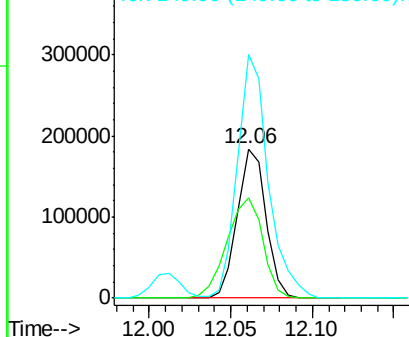
Lab File: VX016081.D

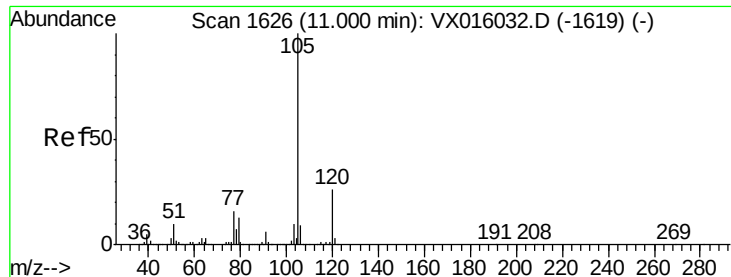
Acq: 06 May 2020 16:41

Tgt Ion:	152	Resp:	225721
Ion Ratio	Lower	Upper	
152	100		
115	84.0	41.3	124.1
150	175.3	0.0	352.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.634 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 814876

Ion Ratio Lower Upper

105 100

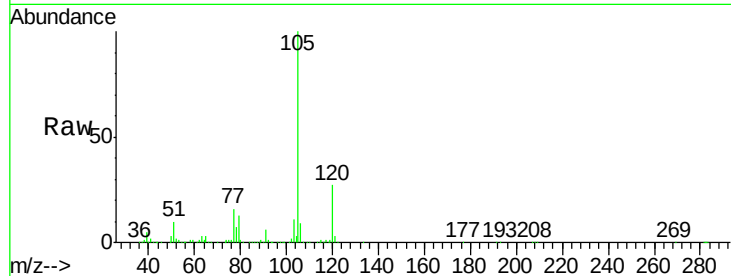
120 27.0 13.4 40.2

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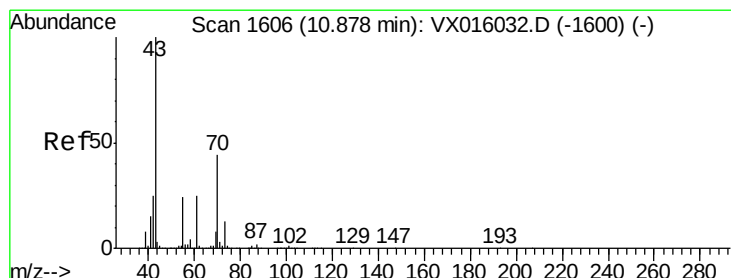
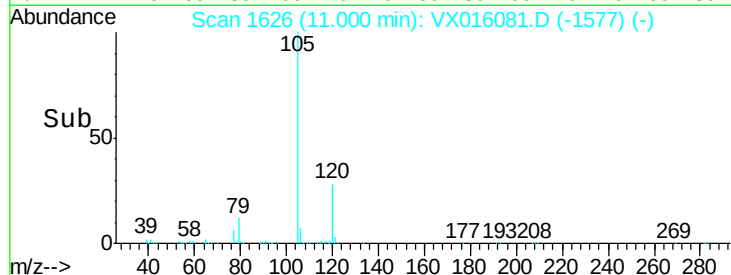
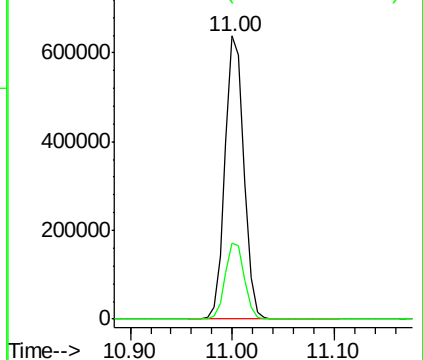
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.612 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion: 43 Resp: 372267

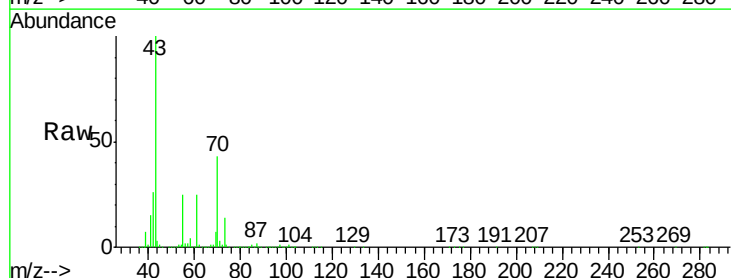
Ion Ratio Lower Upper

43 100

70 44.9 36.5 54.7

55 25.2 19.7 29.5

61 25.7 20.9 31.3

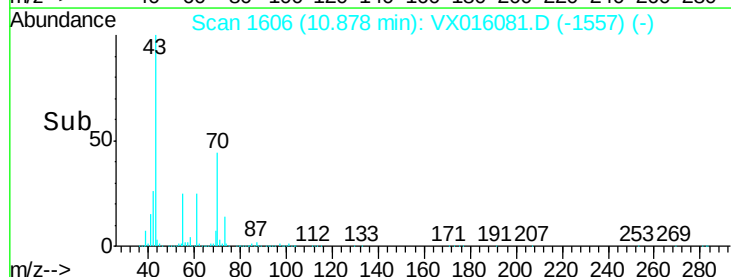
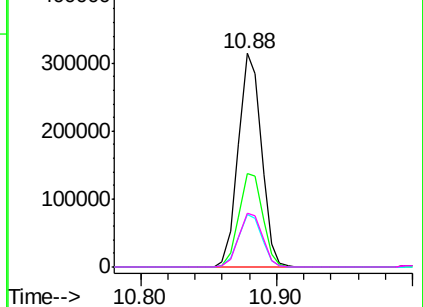


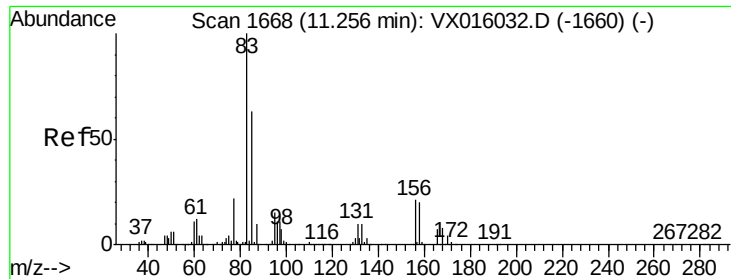
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.902 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

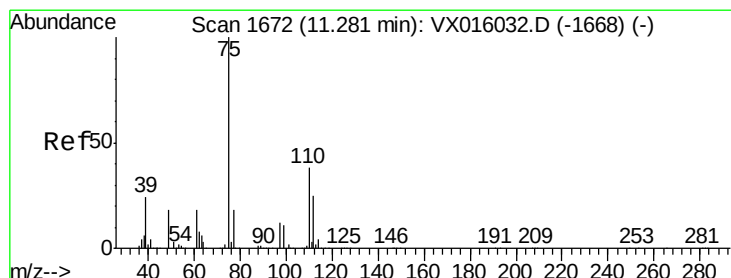
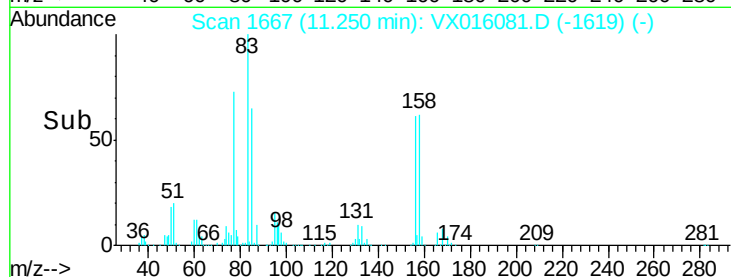
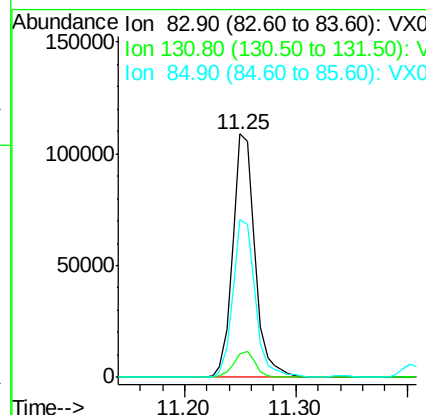
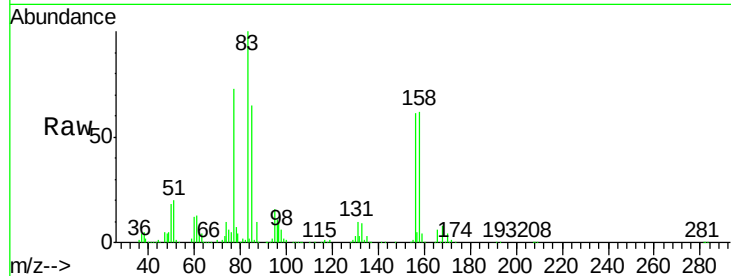
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	149848
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	65.4	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 49.571 ug/l m

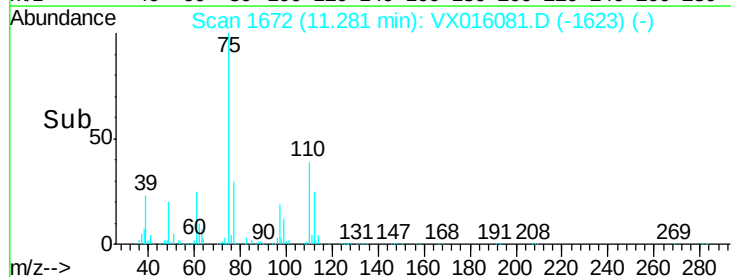
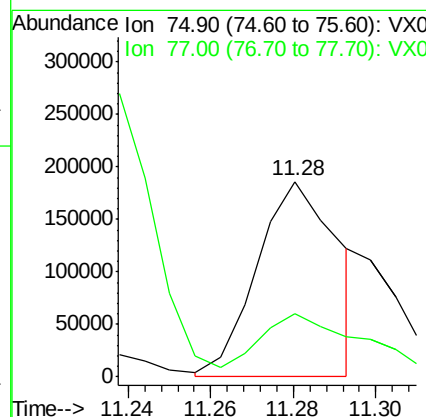
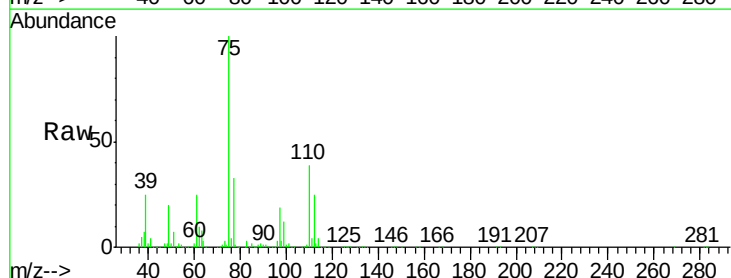
RT: 11.28 min Scan# 1672

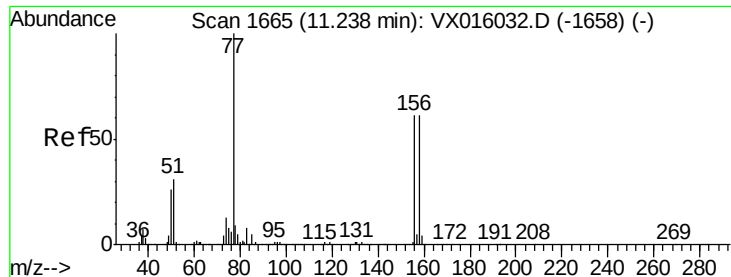
Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion:	75	Resp:	253909
Ion Ratio	Lower	Upper	
75	100		
77	42.1	21.2	63.6





#77

Bromobenzene

Concen: 48.242 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

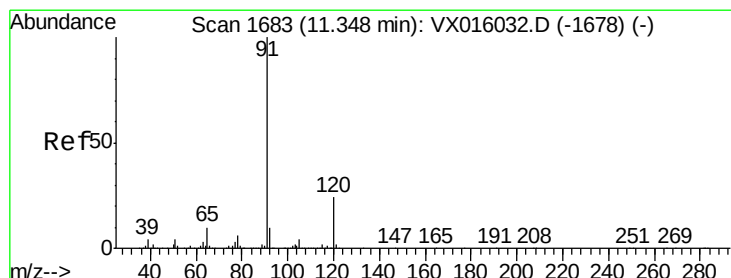
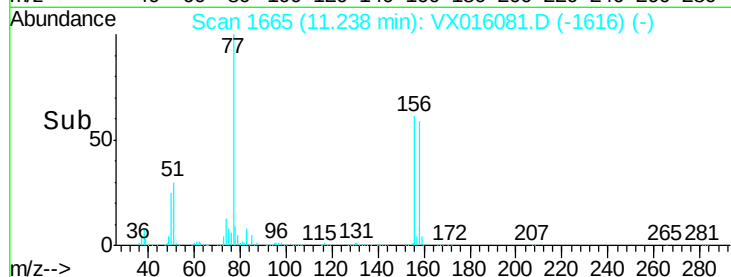
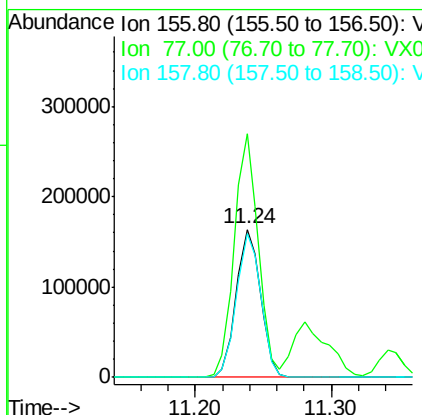
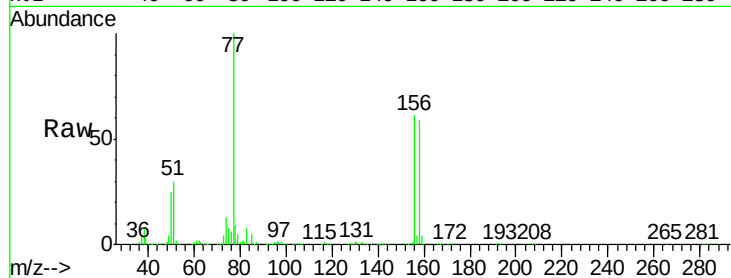
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	204435
Ion Ratio	Lower	Upper	
156	100		
77	161.8	80.1	240.3
158	97.3	49.4	148.2

Manual Integrations
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5/8/2020 11:55:05 AM



#78

n-propylbenzene

Concen: 50.000 ug/l

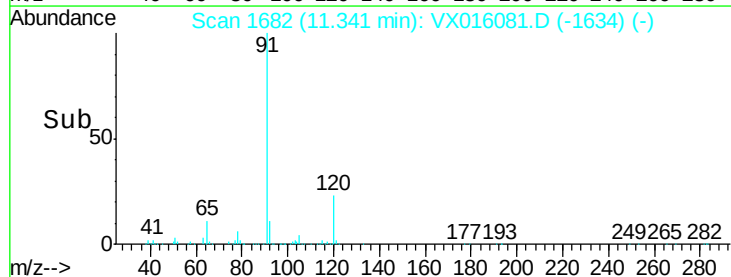
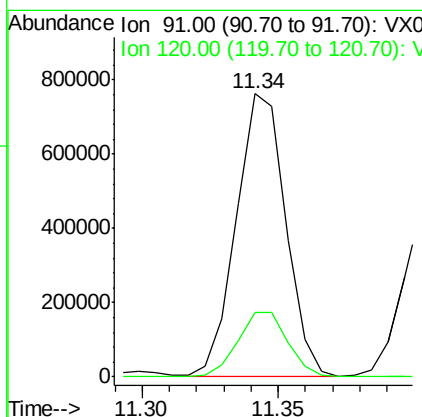
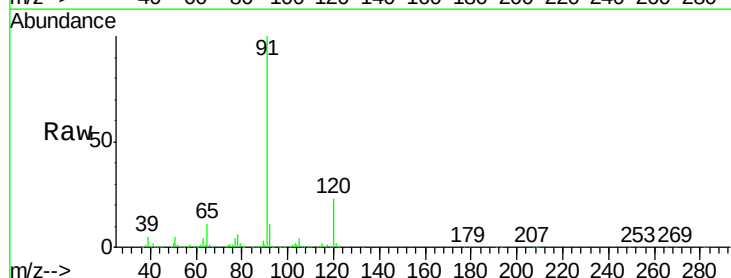
RT: 11.34 min Scan# 1682

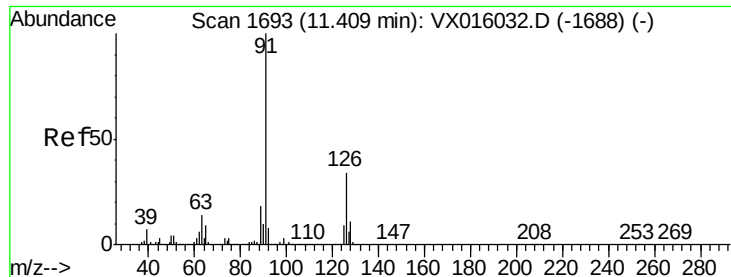
Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion:	91	Resp:	954976
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.5





#79

2-Chlorotoluene

Concen: 49.617 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 559373

Ion Ratio Lower Upper

91 100

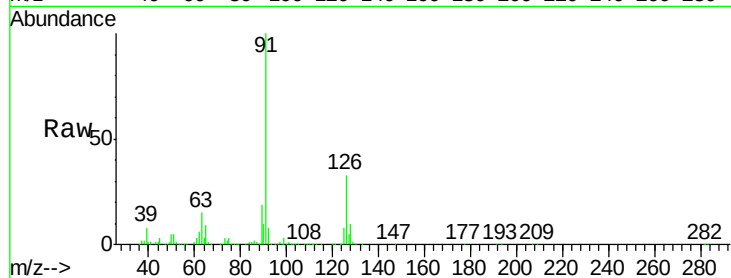
126 33.9 16.9 50.6

Manual Integrations

APPROVED

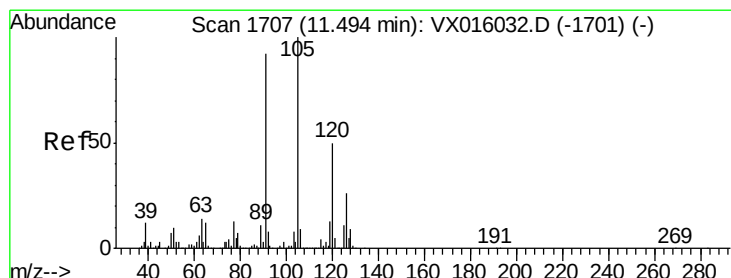
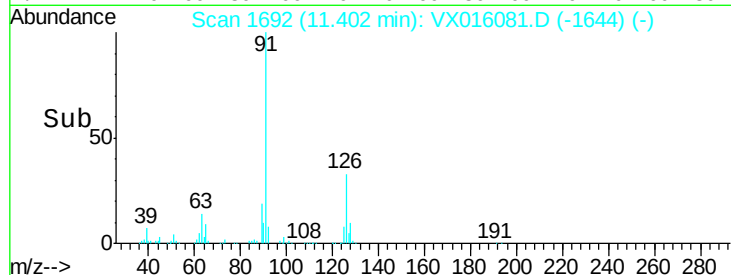
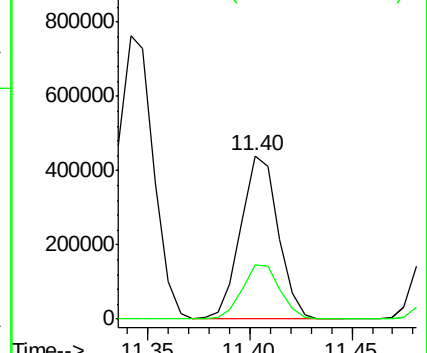
MMDadoda

5/8/2020 11:55:05 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.489 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016081.D

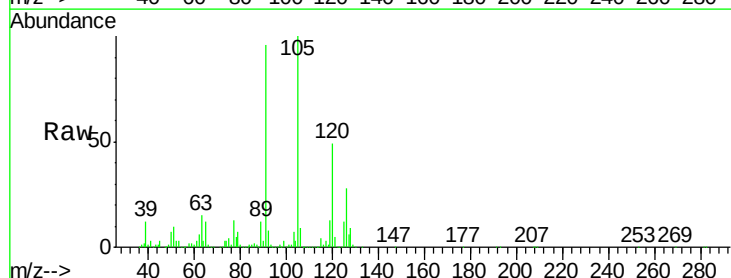
Acq: 06 May 2020 16:41

Tgt Ion: 105 Resp: 699877

Ion Ratio Lower Upper

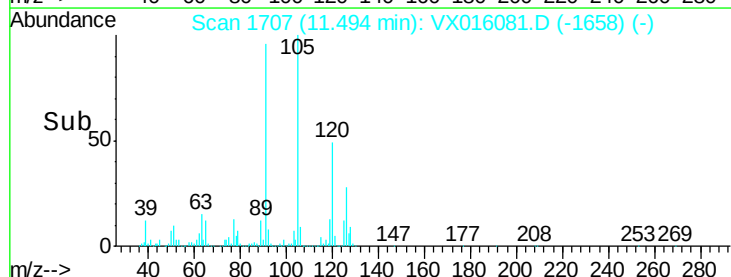
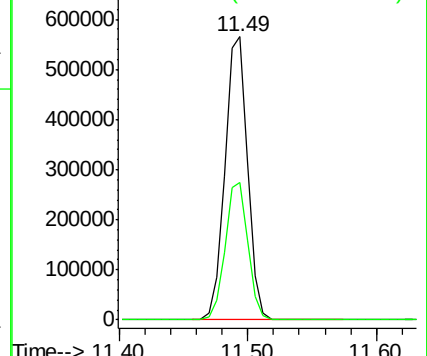
105 100

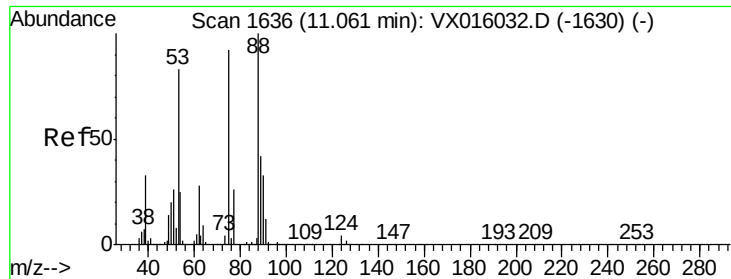
120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





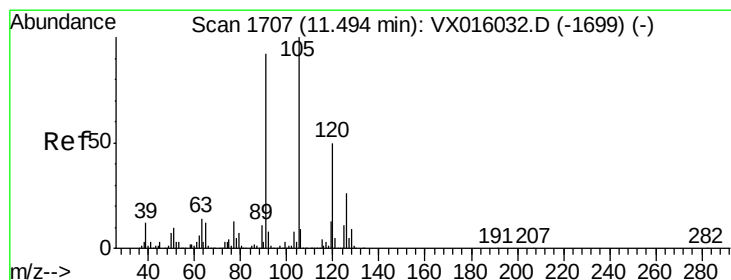
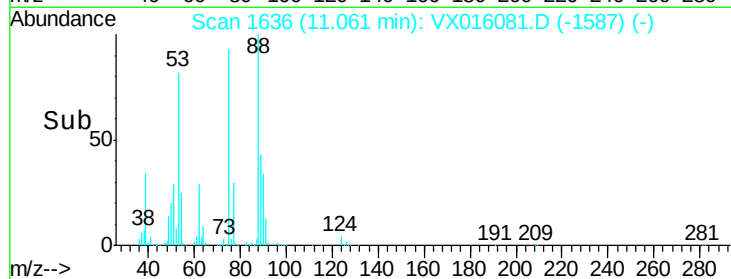
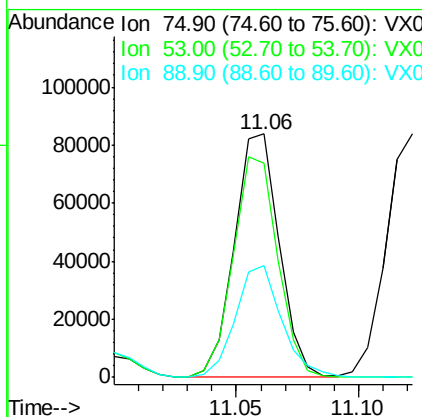
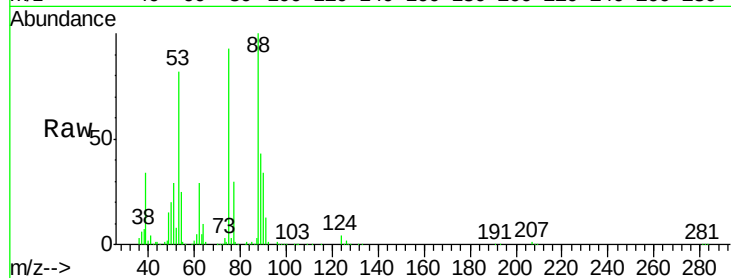
#81
trans-1,4-Dichloro-2-butene
Concen: 49.880 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.8	73.1	109.7
89	47.6	36.7	55.1

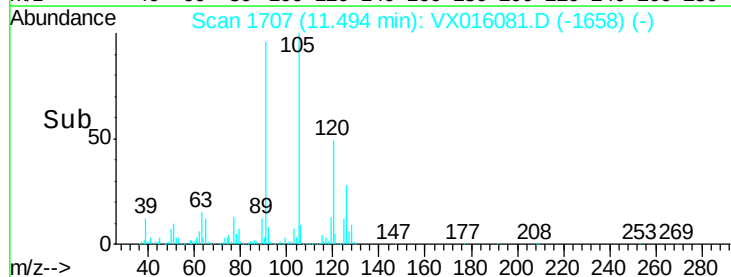
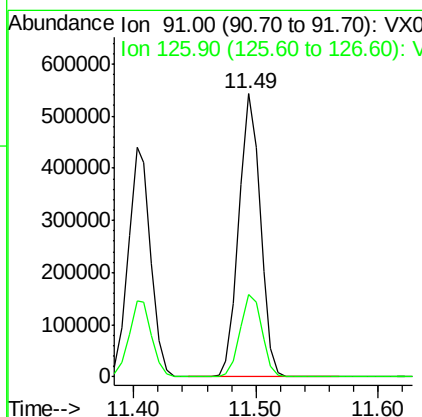
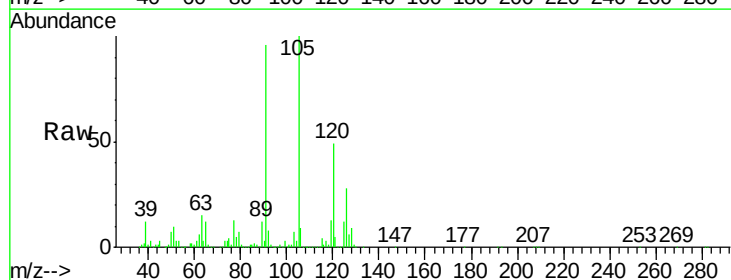
Manual Integrations
APPROVED

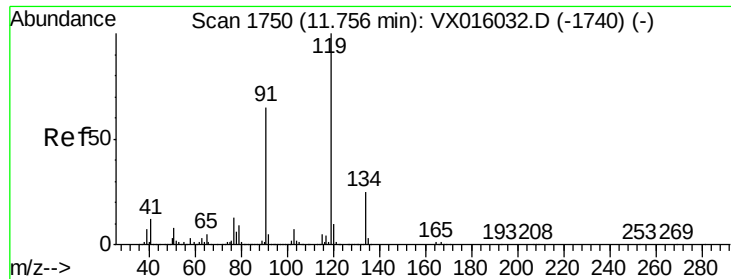
MMDadoda
5/8/2020 11:55:05 AM



#82
4-Chlorotoluene
Concen: 49.467 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.8	44.3





#83

tert-Butylbenzene

Concen: 50.071 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

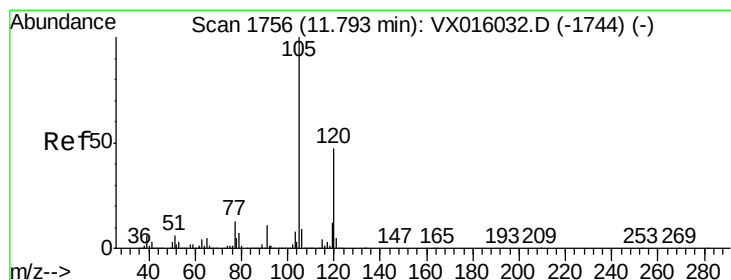
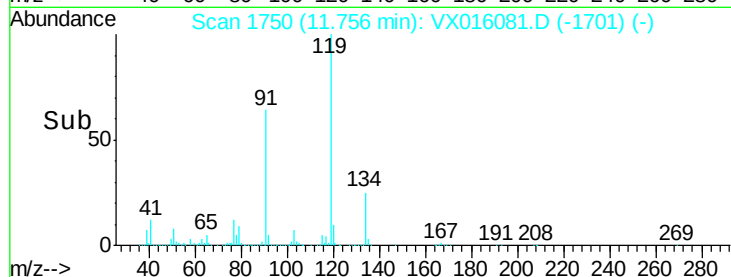
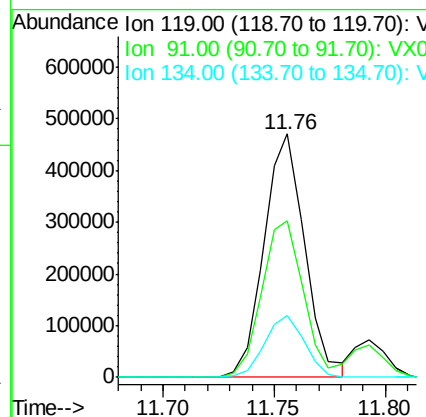
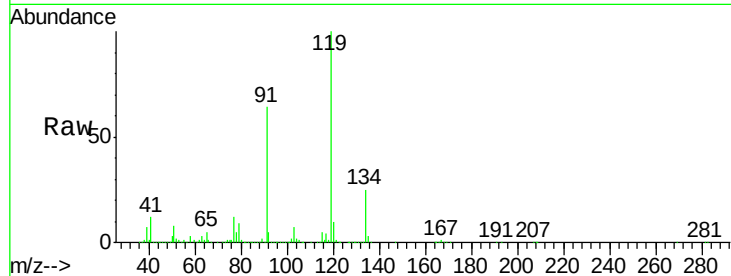
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	598157		
91	65.0	32.8	98.4	
134	24.9	12.4	37.0	

Manual Integrations
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MMDadoda
5/8/2020 11:55:05 AM



#84

1,2,4-Trimethylbenzene

Concen: 50.322 ug/l

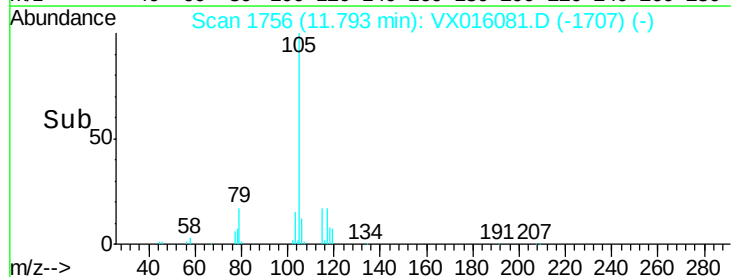
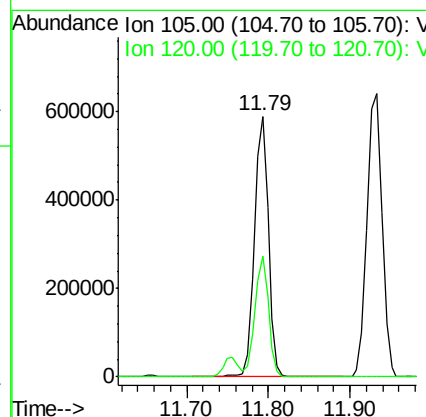
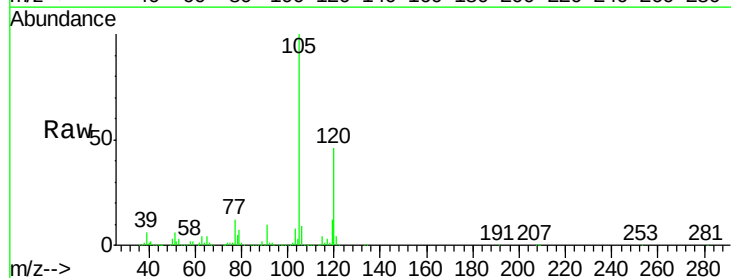
RT: 11.79 min Scan# 1756

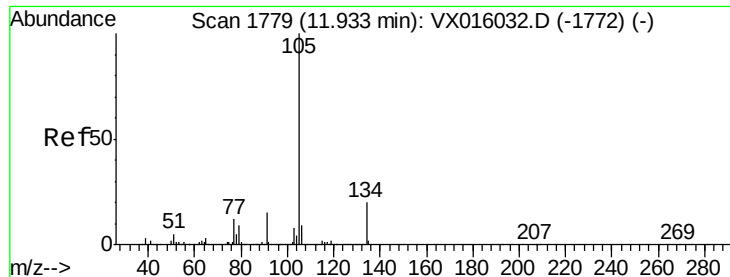
Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	705223		
120	45.1	23.0	69.0	





#85

sec-Butylbenzene

Concen: 50.169 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 809192

Ion Ratio Lower Upper

105 100

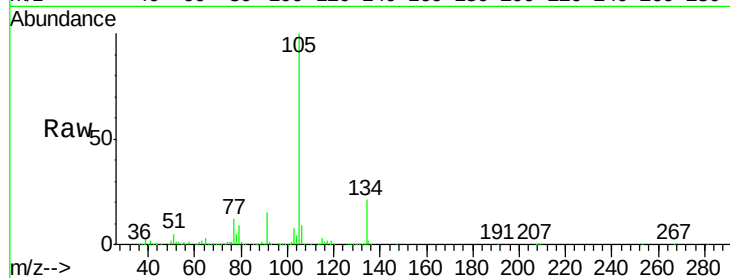
134 20.4 10.1 30.3

Manual Integrations

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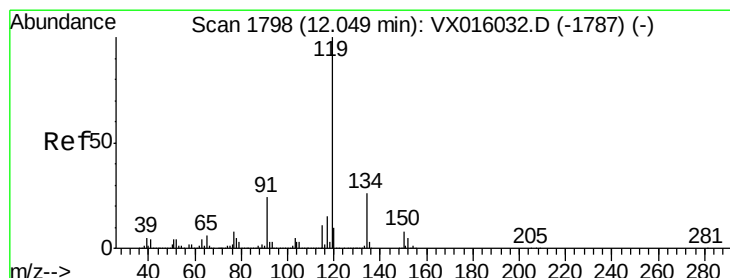
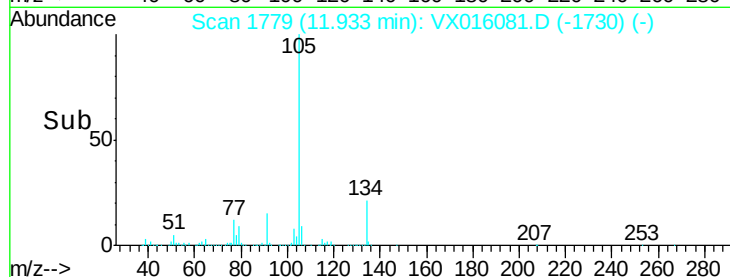
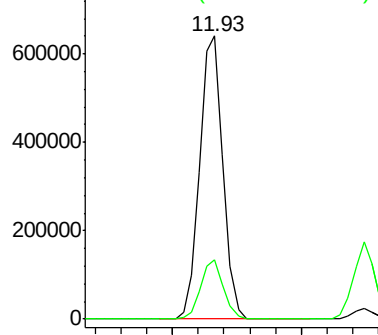
MMDadoda

5/8/2020 11:55:05 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.903 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

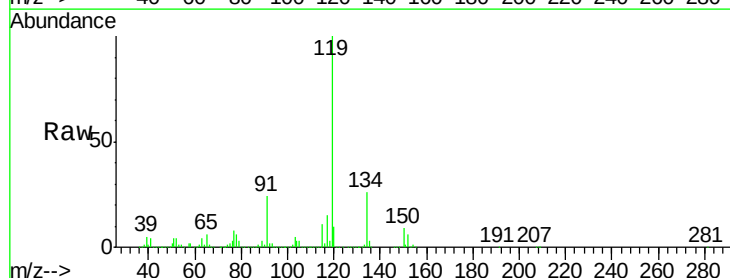
Tgt Ion:119 Resp: 762285

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

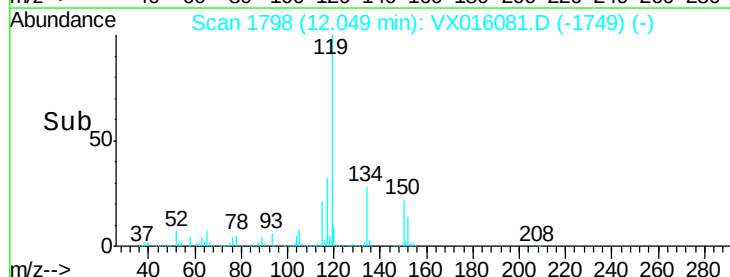
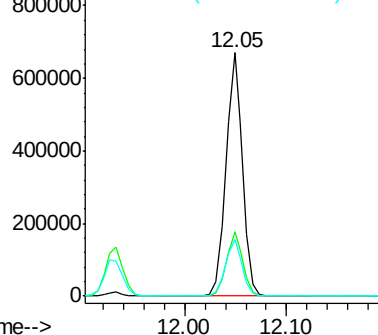
91 23.5 11.8 35.4

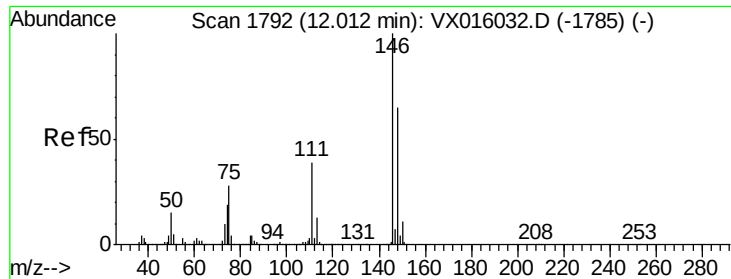


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





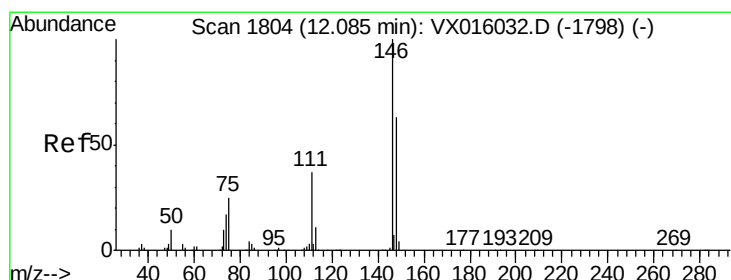
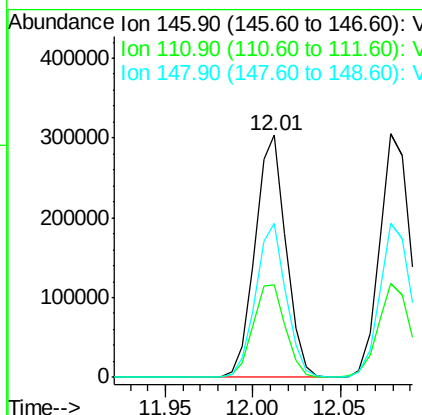
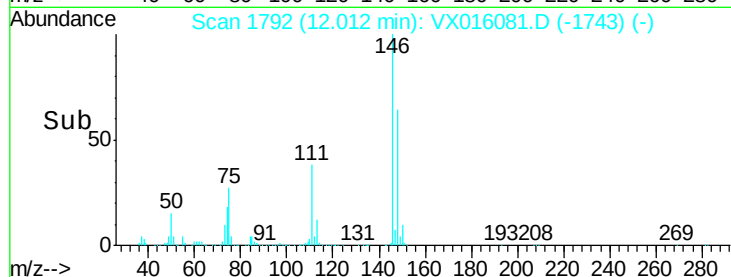
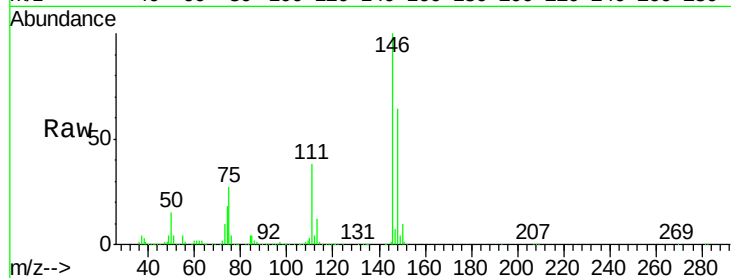
#87
 1,3-Dichlorobenzene
 Concen: 48.893 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.2	60.6
148	62.5	32.1	96.3

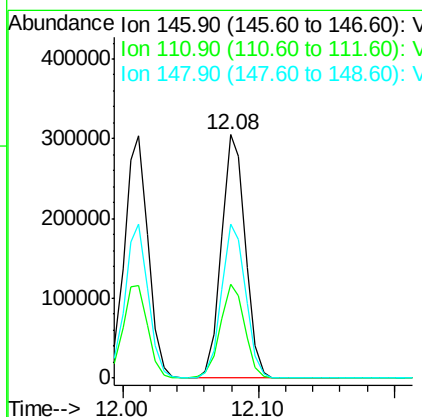
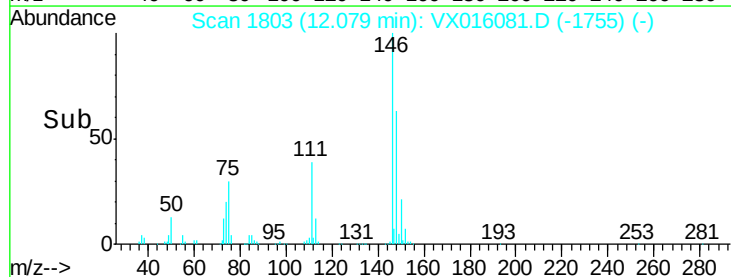
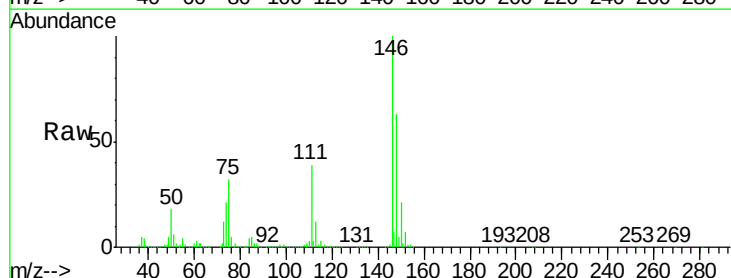
Manual Integrations
 APPROVED

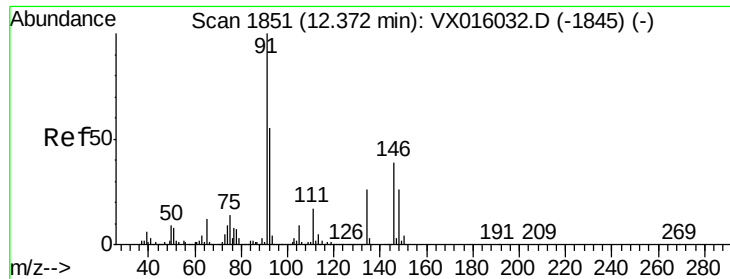
MMDadoda
 5/8/2020 11:55:05 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.064 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.7	31.8	95.3





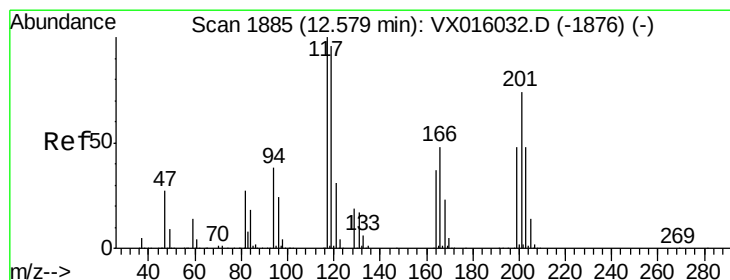
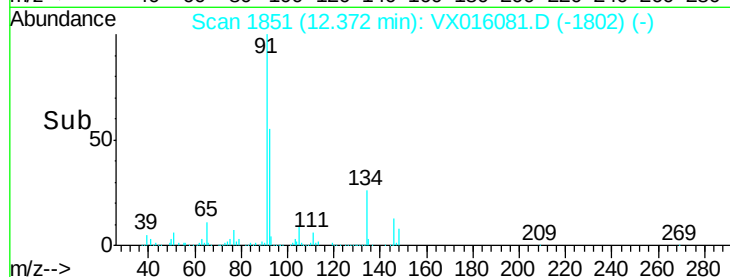
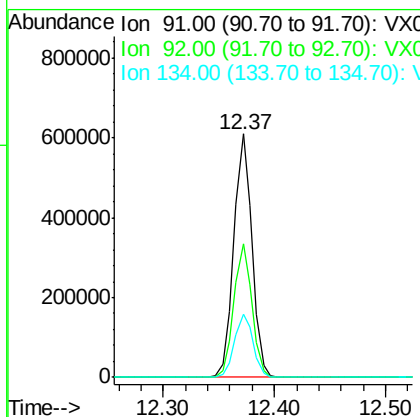
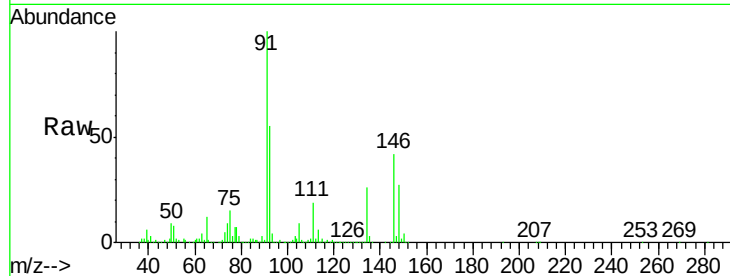
#89
n-Butylbenzene
Concen: 49.942 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

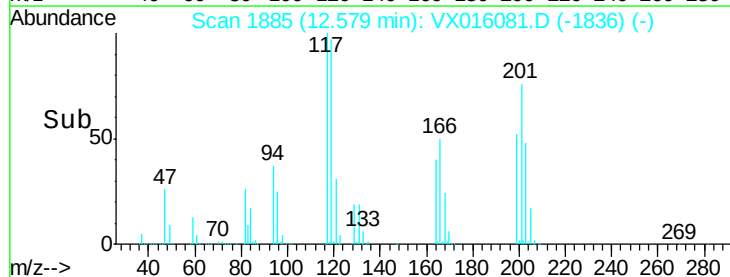
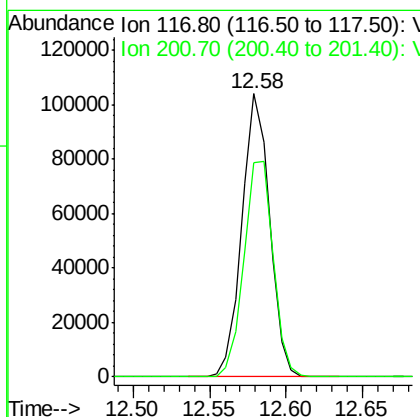
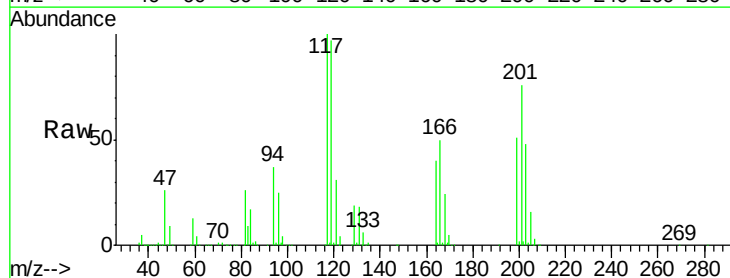
Manual Integrations
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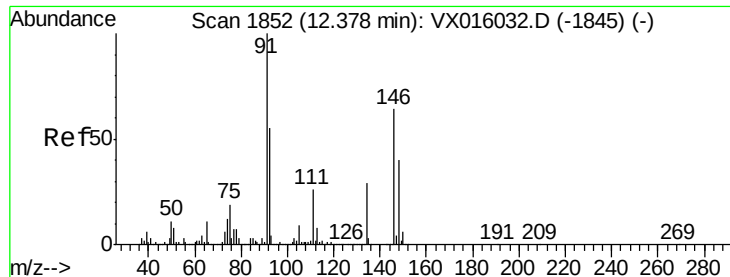
MMDadoda
5/8/2020 11:55:05 AM



#90
Hexachloroethane
Concen: 50.744 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	39.8	119.3





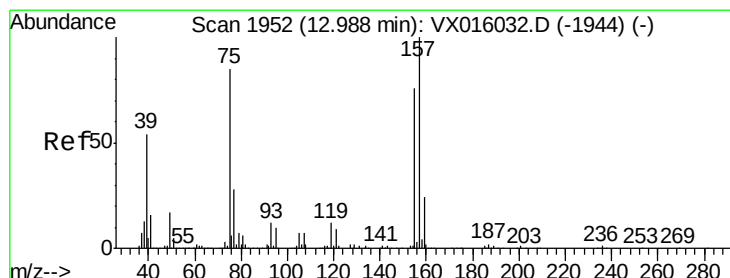
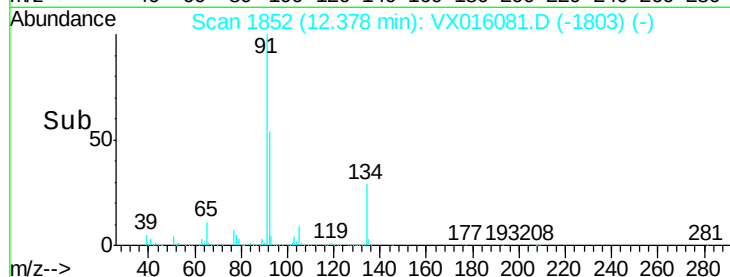
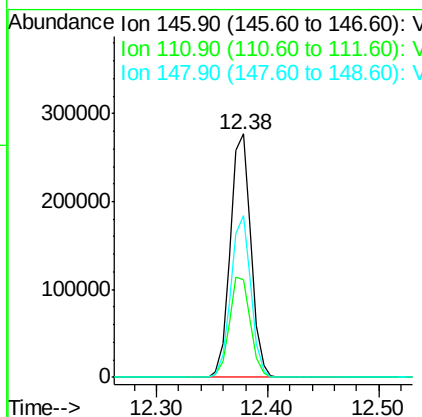
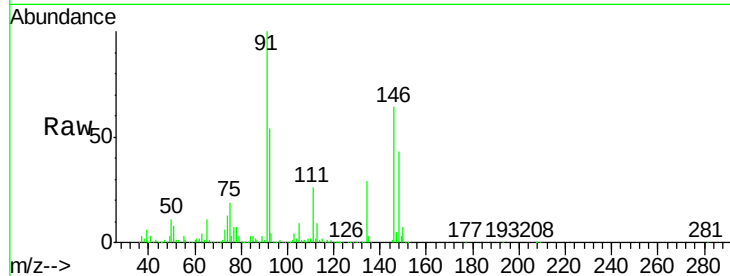
#91
 1,2-Dichlorobenzene
 Concen: 48.078 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.8	21.1	63.1	
148	64.8	32.4	97.0	

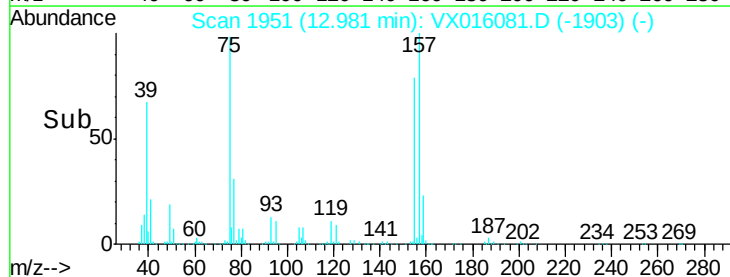
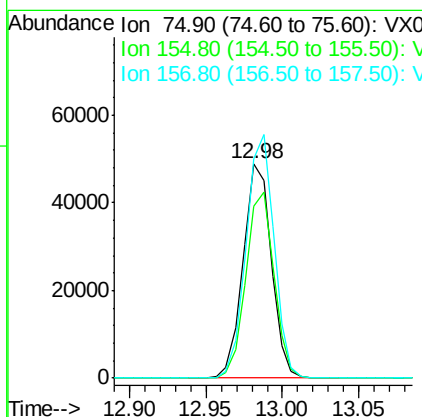
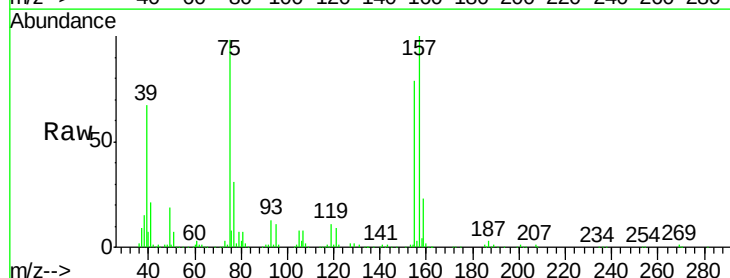
Manual Integrations
 APPROVED

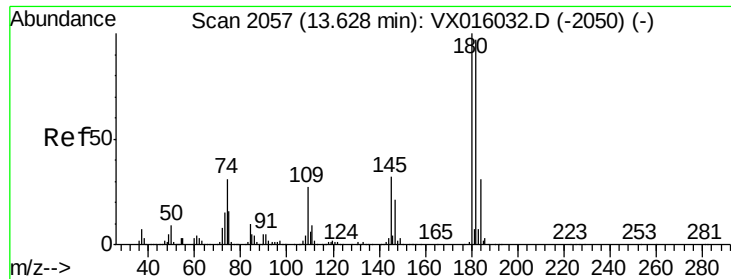
MMDadoda
 5/8/2020 11:55:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.530 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	86.6	42.5	127.5	
157	112.3	55.3	165.8	





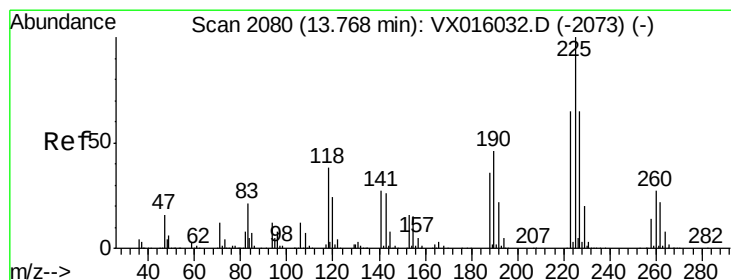
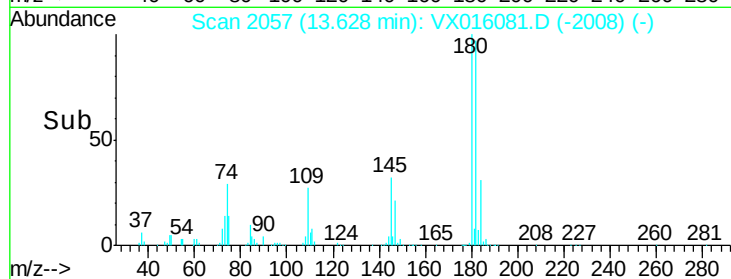
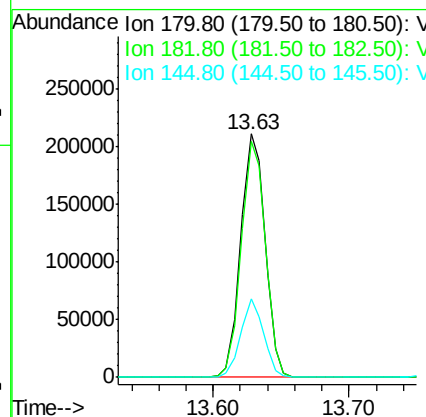
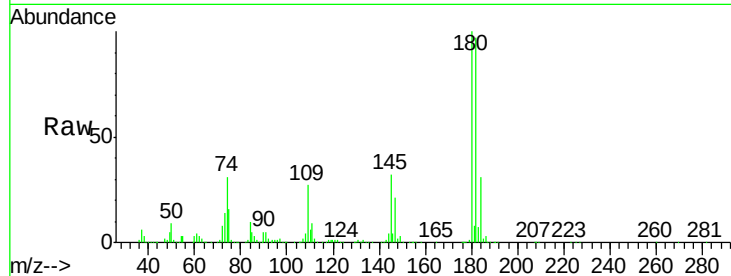
#93
 1,2,4-Trichlorobenzene
 Concen: 48.354 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	262288		
182	96.2	48.7	146.1	
145	30.4	15.7	47.1	

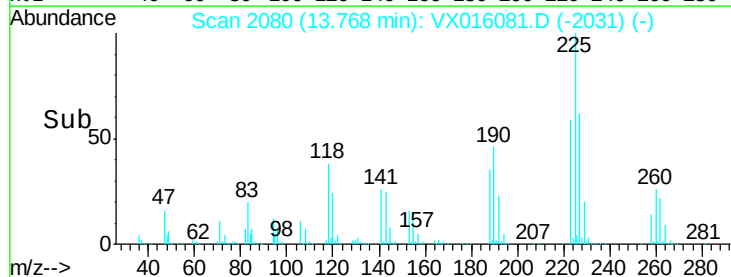
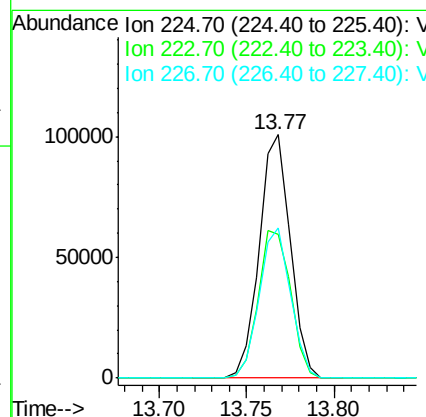
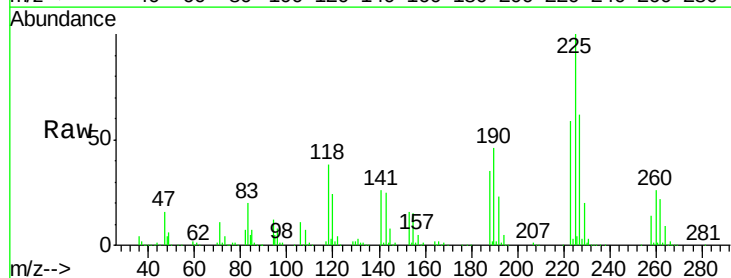
Manual Integrations
 APPROVED

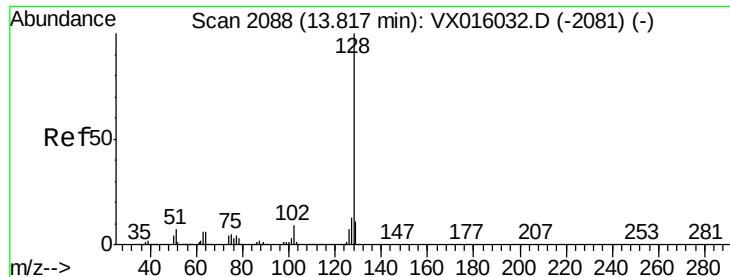
MMDadoda
 5/8/2020 11:55:05 AM



#94
 Hexachlorobutadiene
 Concen: 53.349 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124692		
223	63.2	32.3	96.9	
227	62.2	31.8	95.4	





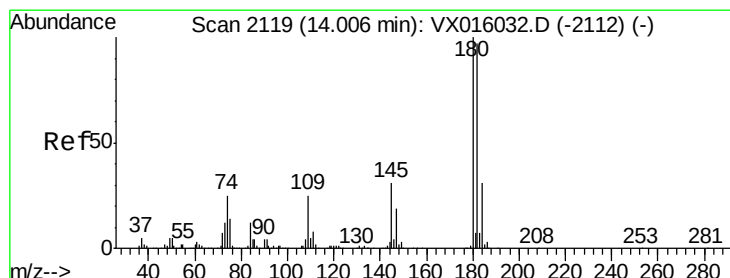
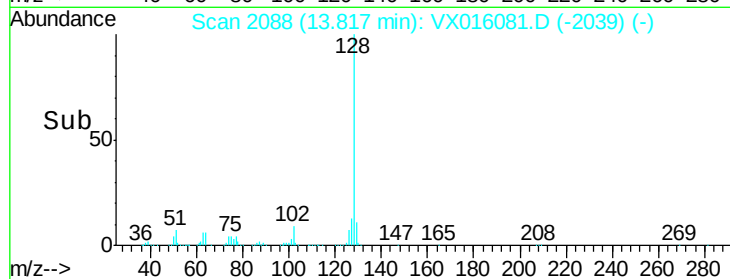
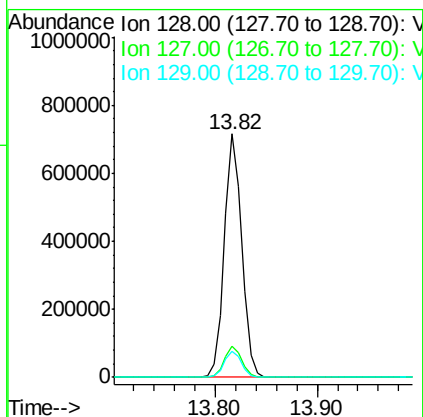
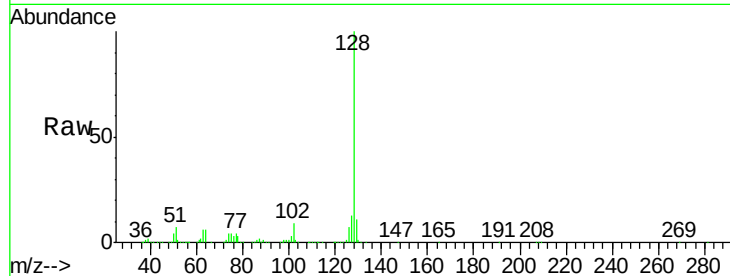
#95
Naphthalene
Concen: 48.407 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	128	Resp:	850221
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:55:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.821 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion:	180	Resp:	258812
Ion Ratio	Lower	Upper	
180	100		
182	94.1	48.4	145.0
145	32.4	16.4	49.1

