

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016352.D
 Acq On : 20 May 2020 11:52
 Operator : JC/SP
 Sample : VX0520WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:15:18 PM

Quant Time: May 21 04:16:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	274184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	431387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	148762	41.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.46%	
35) Dibromofluoromethane	5.46	113	121815	44.57	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.14%	
50) Toluene-d8	8.70	98	480307	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
62) 4-Bromofluorobenzene	11.12	95	183403	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	48768	16.804	ug/l	100
3) Chloromethane	1.31	50	53500	15.874	ug/l	98
4) Vinyl Chloride	1.39	62	57984	16.125	ug/l	99
5) Bromomethane	1.63	94	36301	20.024	ug/l	99
6) Chloroethane	1.71	64	35741	16.336	ug/l	95
7) Trichlorofluoromethane	1.92	101	78565	16.642	ug/l	97
8) Diethyl Ether	2.17	74	33441	16.812	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45814	16.821	ug/l	99
10) Methyl Iodide	2.49	142	43535	11.900	ug/l	99
11) Tert butyl alcohol	3.01	59	71032	77.855	ug/l	99
12) 1,1-Dichloroethene	2.35	96	46238	16.223	ug/l	98
13) Acrolein	2.27	56	56620	99.172	ug/l	96
14) Allyl chloride	2.71	41	79982	15.305	ug/l	94
15) Acrylonitrile	3.11	53	156993	82.946	ug/l	99
16) Acetone	2.42	43	121836	75.682	ug/l	93
17) Carbon Disulfide	2.55	76	123046	14.228	ug/l	97
18) Methyl Acetate	2.75	43	68225	17.236	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	173450	17.653	ug/l	99
20) Methylene Chloride	2.84	84	53983	16.266	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	50939	16.038	ug/l	98
22) Diisopropyl ether	3.82	45	163459	16.580	ug/l	91
23) Vinyl Acetate	3.78	43	686471	79.143	ug/l	97
24) 1,1-Dichloroethane	3.67	63	94220	17.084	ug/l	99
25) 2-Butanone	4.63	43	208799	80.489	ug/l	96
26) 2,2-Dichloropropane	4.55	77	86632	17.200	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	60442	17.407	ug/l	96
28) Bromochloromethane	4.98	49	40812	16.229	ug/l	92
29) Tetrahydrofuran	5.09	42	137531	80.013	ug/l	95
30) Chloroform	5.17	83	95586	17.407	ug/l	100
31) Cyclohexane	5.55	56	79214	15.804	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	85167	17.063	ug/l	98
36) 1,1-Dichloropropene	5.77	75	70693	16.648	ug/l	99
37) Ethyl Acetate	4.79	43	79393	16.131	ug/l	97
38) Carbon Tetrachloride	5.75	117	75022	17.382	ug/l	93

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 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)
39) Methylcyclohexane	7.44	83	76849	15.028	ug/l	97
40) Benzene	6.11	78	217777	17.528	ug/l	99
41) Methacrylonitrile	5.00	41	44653	16.800	ug/l	96
42) 1,2-Dichloroethane	6.16	62	74545	16.655	ug/l	98
43) Isopropyl Acetate	6.41	43	127569	16.245	ug/l	96
44) Trichloroethene	7.19	130	73758	16.710	ug/l	96
45) 1,2-Dichloropropane	7.49	63	56602	18.004	ug/l	100
46) Dibromomethane	7.64	93	37323	17.469	ug/l	100
47) Bromodichloromethane	7.87	83	75940	17.452	ug/l	99
48) Methyl methacrylate	7.74	41	59208	15.912	ug/l	92
49) 1,4-Dioxane	7.71	88	27556	308.778	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	405000	84.280	ug/l	97
52) Toluene	8.76	92	140082	18.088	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	89044	17.163	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	95380	17.601	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	55297	18.148	ug/l	99
56) Ethyl methacrylate	9.16	69	88358	17.765	ug/l	91
57) 1,3-Dichloropropane	9.35	76	95650	17.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	221071	83.491	ug/l	99
59) 2-Hexanone	9.47	43	310106	82.173	ug/l	96
60) Dibromochloromethane	9.57	129	60254	17.955	ug/l	98
61) 1,2-Dibromoethane	9.65	107	58724	17.793	ug/l	99
64) Tetrachloroethene	9.32	164	83768	17.495	ug/l	98
65) Chlorobenzene	10.12	112	149032	18.249	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	56416	18.690	ug/l	100
67) Ethyl Benzene	10.24	91	261423	17.941	ug/l	100
68) m/p-Xylenes	10.34	106	198268	36.317	ug/l	100
69) o-Xylene	10.68	106	96129	18.318	ug/l	99
70) Styrene	10.69	104	162395	18.241	ug/l	99
71) Bromoform	10.84	173	45584	18.536	ug/l #	98
73) Isopropylbenzene	11.00	105	252604	18.063	ug/l	100
74) N-amyl acetate	10.88	43	106967	16.399	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	55036	22.334	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	80461m	18.442	ug/l	
77) Bromobenzene	11.24	156	63744	17.660	ug/l	99
78) n-propylbenzene	11.34	91	279858	17.202	ug/l	99
79) 2-Chlorotoluene	11.40	91	170967	17.804	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	207690	17.590	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	31596	17.258	ug/l	96
82) 4-Chlorotoluene	11.49	91	203179	17.917	ug/l	100
83) tert-Butylbenzene	11.76	119	176800	17.375	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	210906	17.668	ug/l	99
85) sec-Butylbenzene	11.93	105	223226	16.248	ug/l	100
86) p-Isopropyltoluene	12.05	119	211396	16.573	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	114203	17.621	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115675	17.585	ug/l	98
89) n-Butylbenzene	12.37	91	171407	14.709	ug/l	100
90) Hexachloroethane	12.58	117	35017	15.985	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	112543	18.034	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19249	16.740	ug/l	98

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ClientSampleId :
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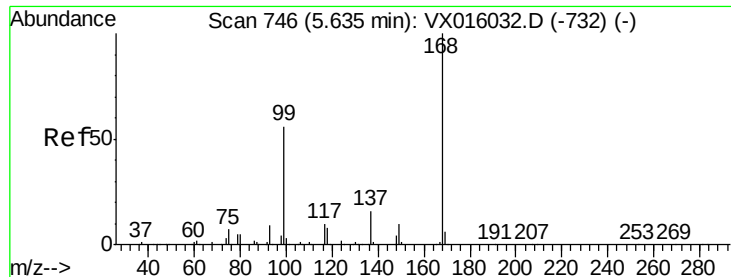
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71432	15.460	ug/l	97
94) Hexachlorobutadiene	13.77	225	27746	14.324	ug/l	98
95) Naphthalene	13.82	128	252208	16.858	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	70585	15.632	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBS01

Tot Ion:168 Resp: 274184

Ion Ratio Lower Upper

168 100

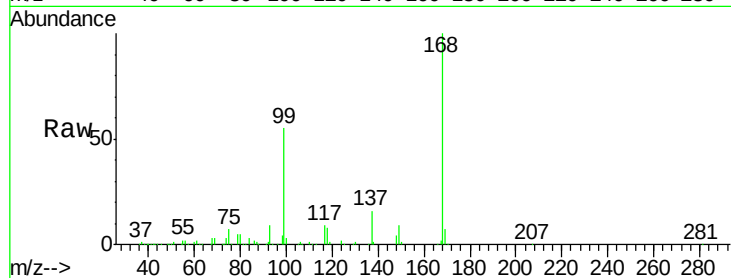
99 54.8 45.0 67.4

Manual Integrations

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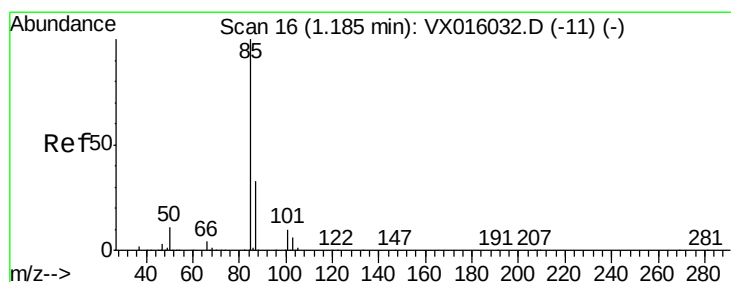
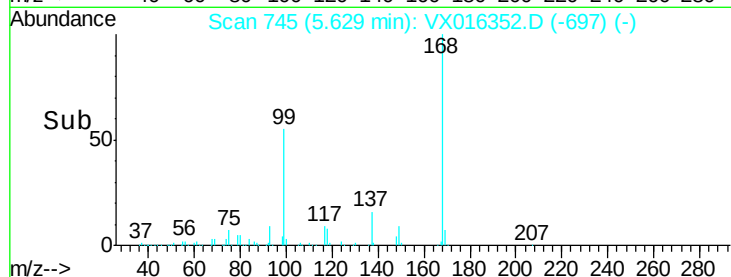
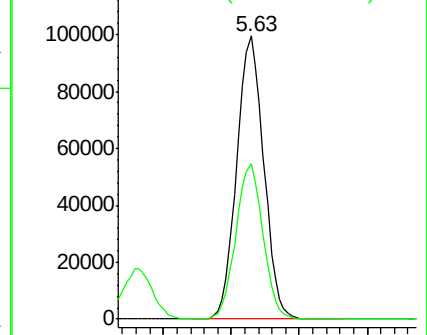
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.804 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016352.D

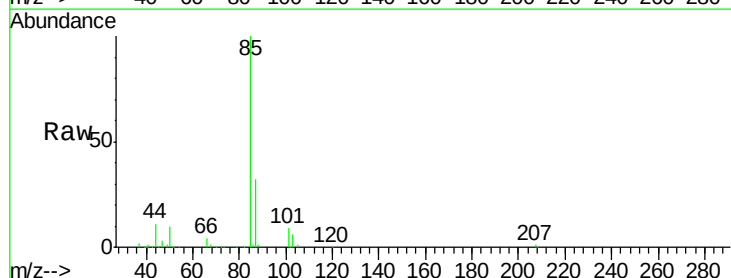
Acq: 20 May 2020 11:52

Tgt Ion: 85 Resp: 48768

Ion Ratio Lower Upper

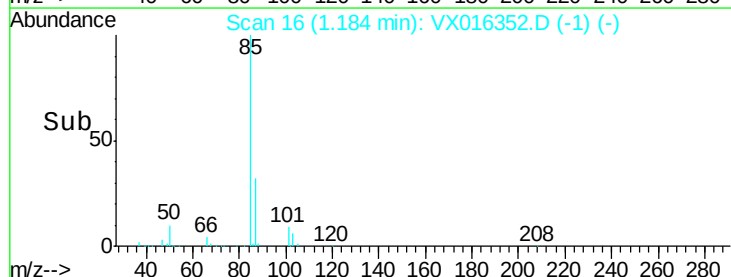
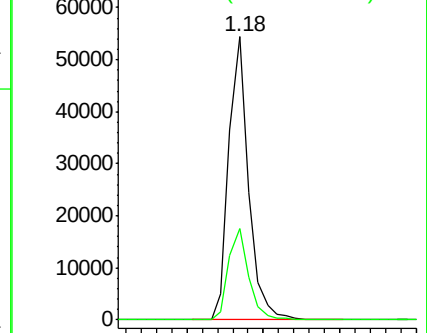
85 100

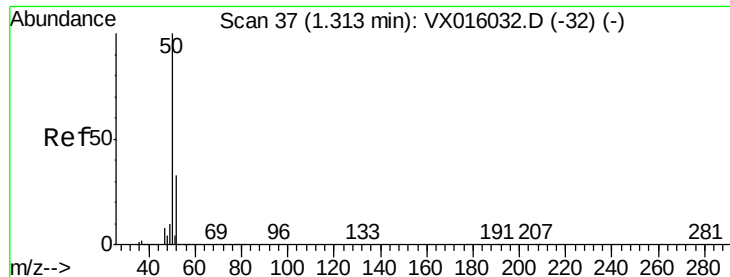
87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.874 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBS01

Tot Ion: 50 Resp: 53500

Ion Ratio Lower Upper

50 100

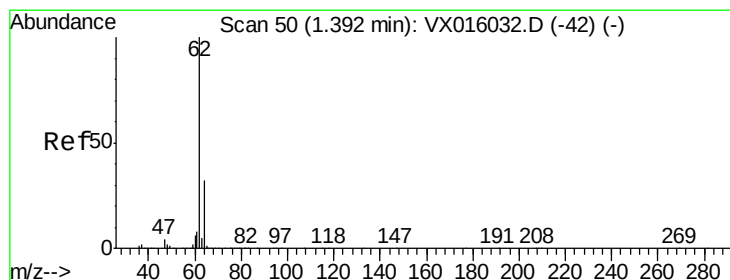
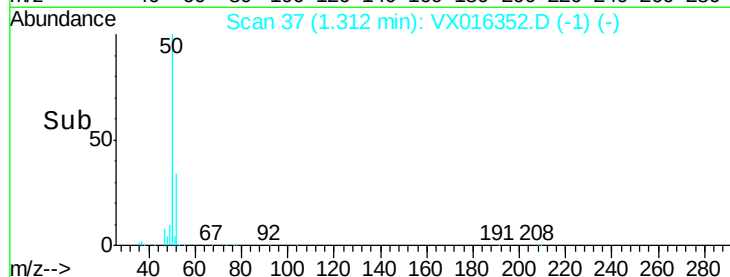
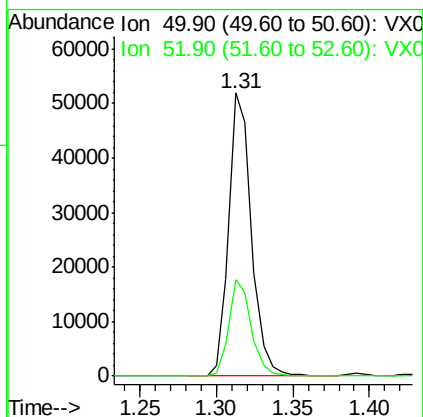
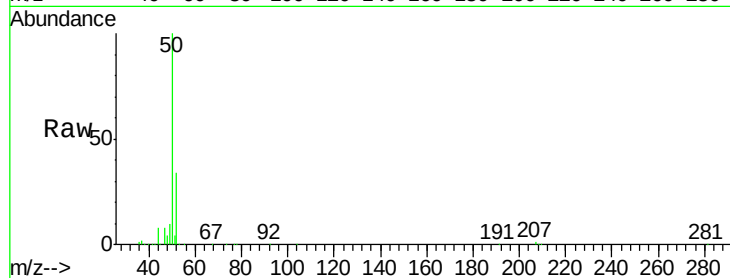
52 33.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 16.125 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016352.D

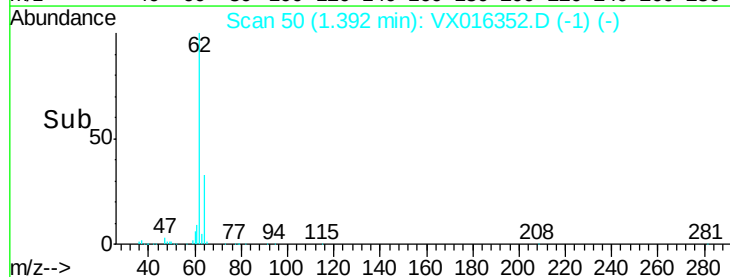
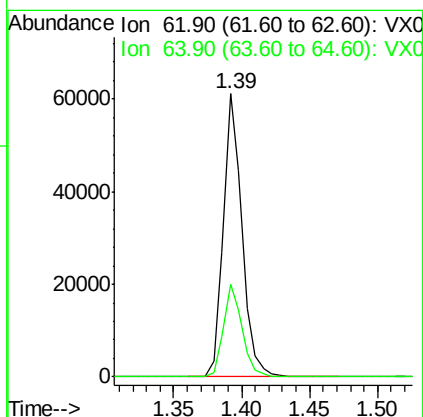
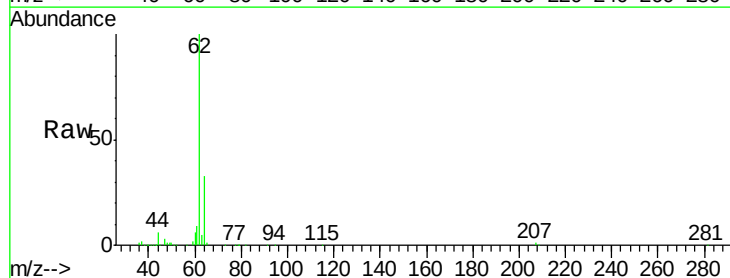
Acq: 20 May 2020 11:52

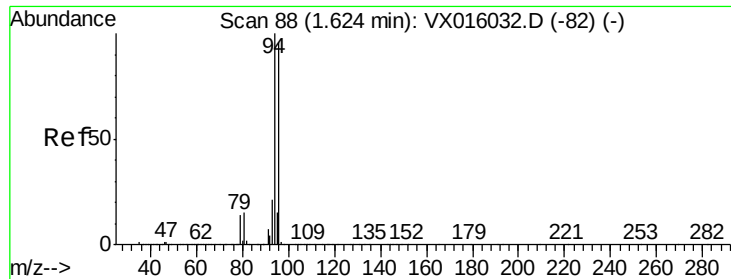
Tgt Ion: 62 Resp: 57984

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 20.024 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBS01

Tot Ion: 94 Resp: 36301

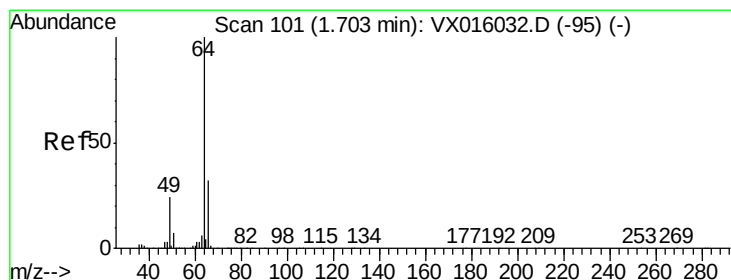
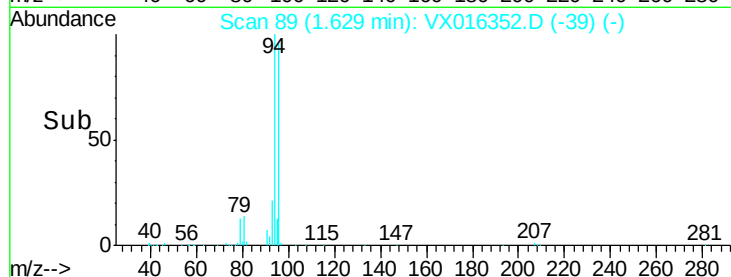
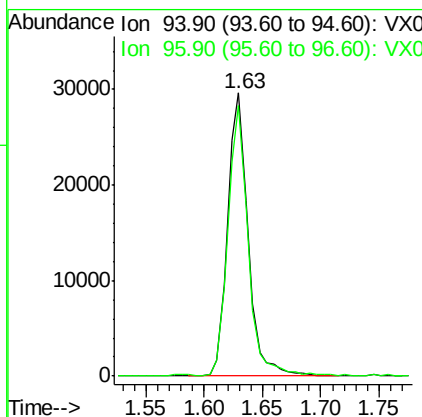
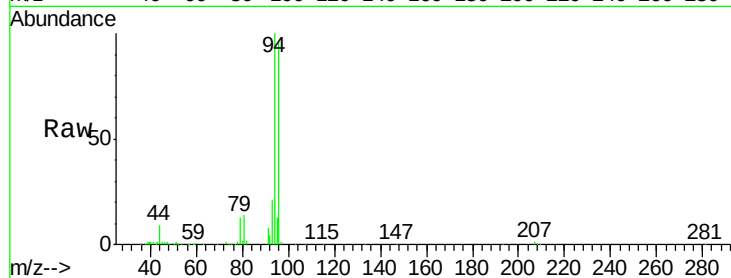
Ion Ratio Lower Upper

94 100

96 95.3 76.9 115.3

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#6

Chloroethane

Concen: 16.336 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016352.D

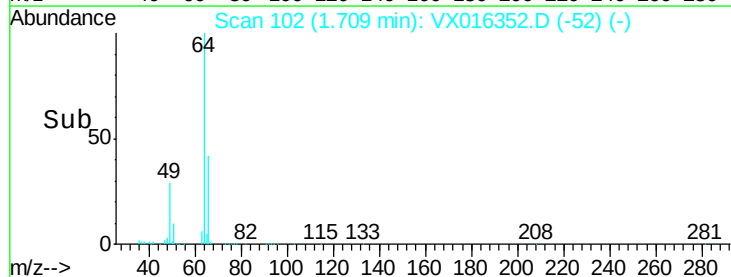
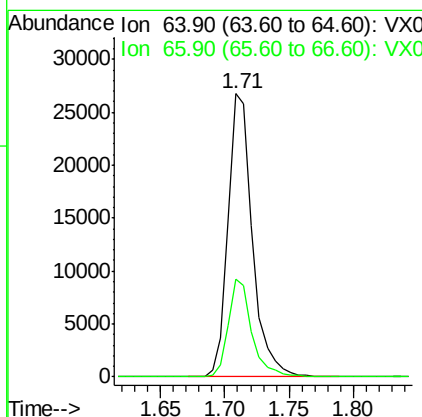
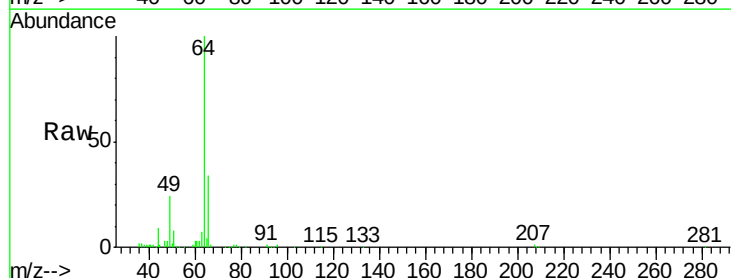
Acq: 20 May 2020 11:52

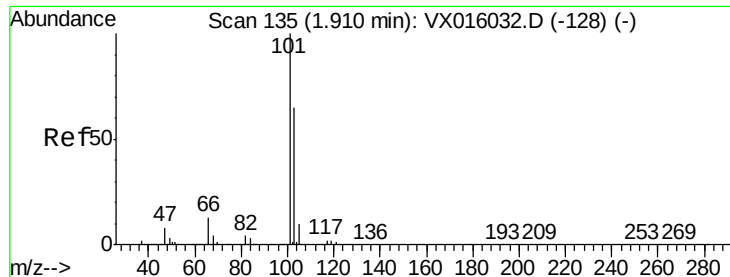
Tgt Ion: 64 Resp: 35741

Ion Ratio Lower Upper

64 100

66 34.3 25.2 37.8





#7

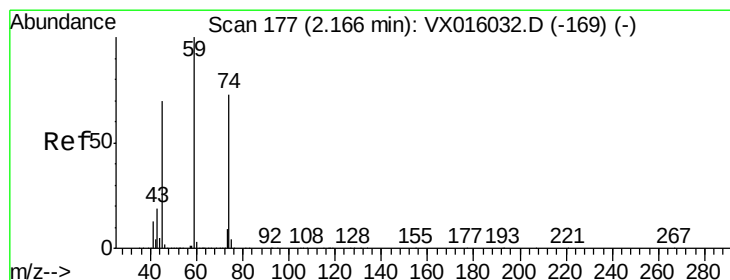
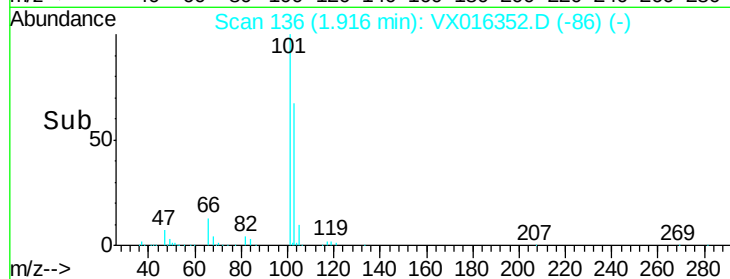
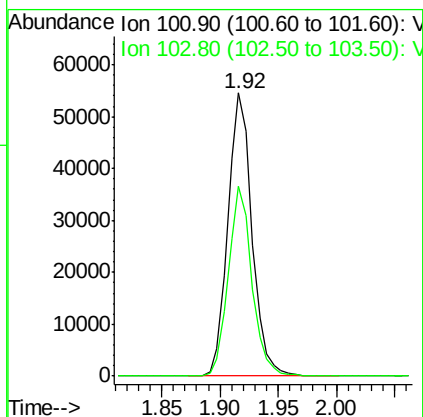
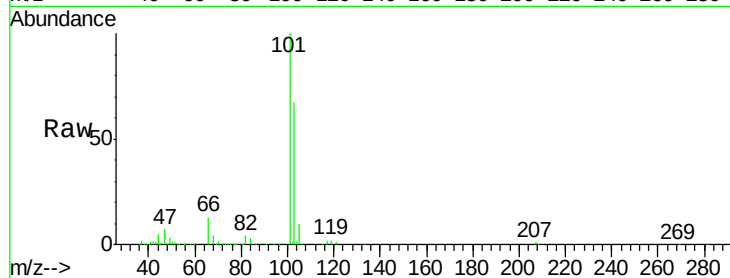
Trichlorofluoromethane
Concen: 16.642 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

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ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	51.8	77.6

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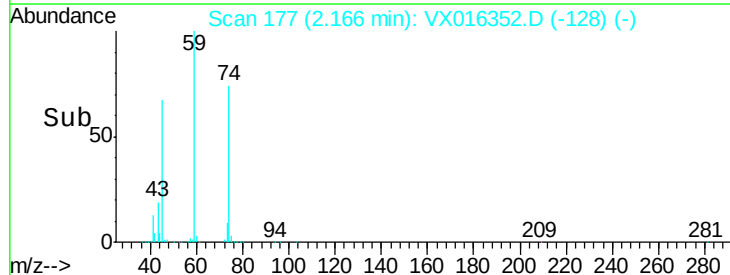
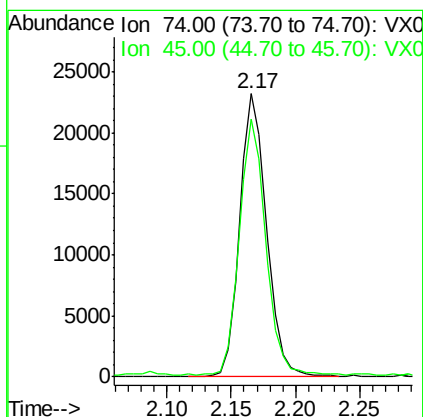
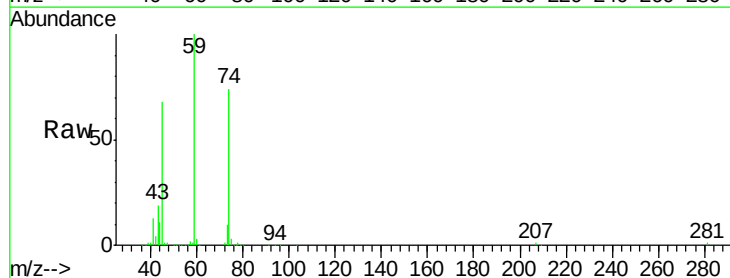
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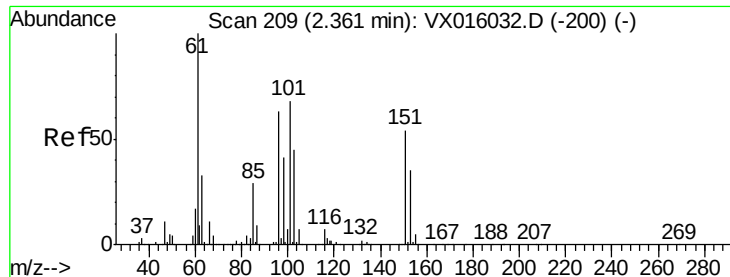


#8

Diethyl Ether
Concen: 16.812 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.2	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.821 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016352.D

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Instrument :

MSVOA_X

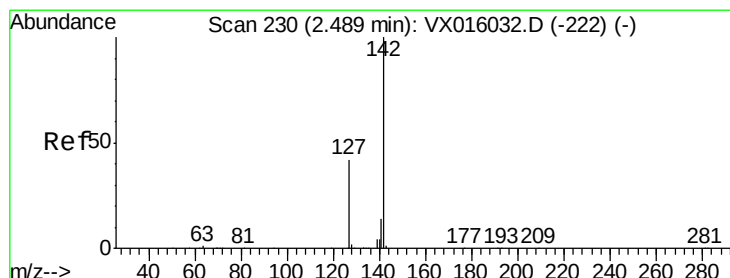
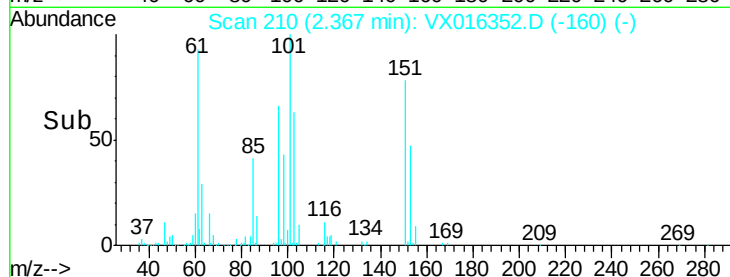
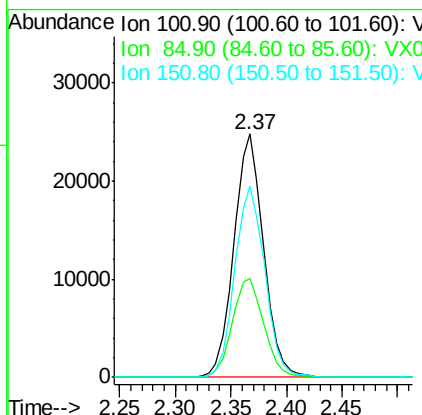
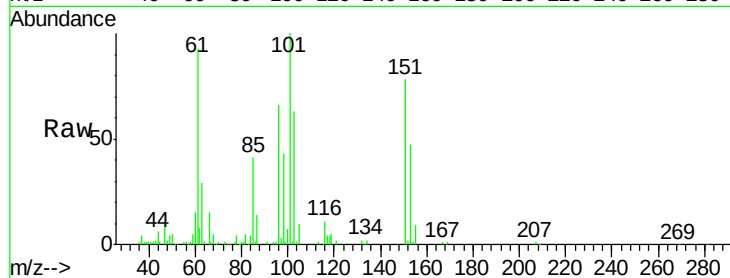
ClientSampleId :

VX0520WBS01

Tot Ion:	101	Resp:	45814
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.4
151	79.3	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 11.900 ug/l

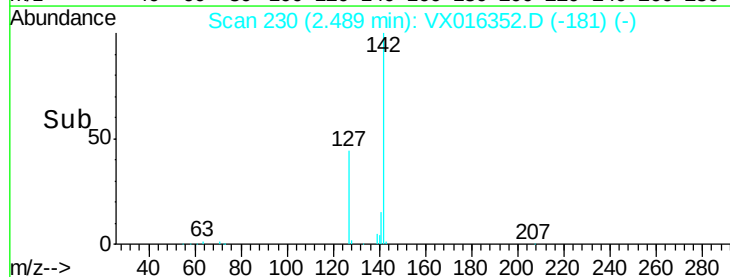
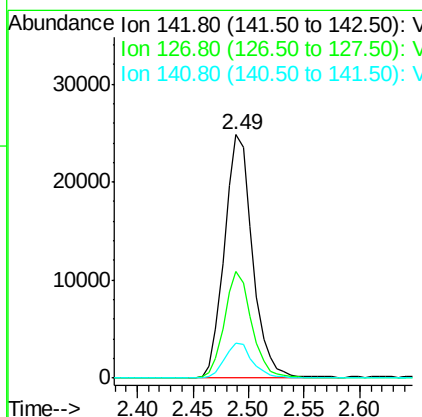
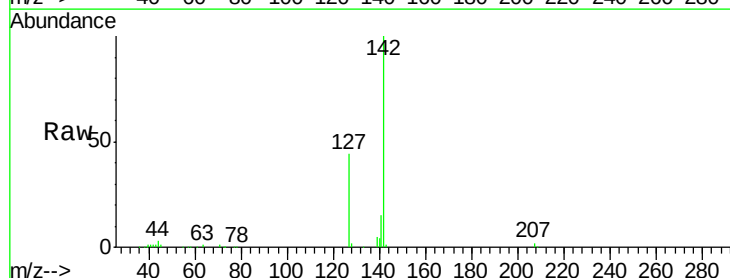
RT: 2.49 min Scan# 230

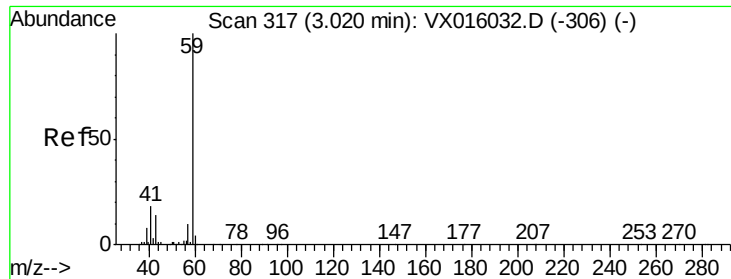
Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion:	142	Resp:	43535
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.6	52.0
141	14.3	11.3	16.9





#11

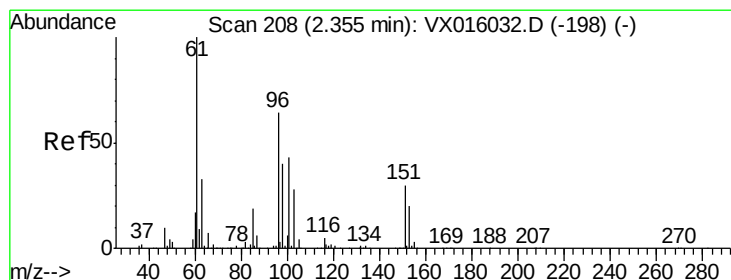
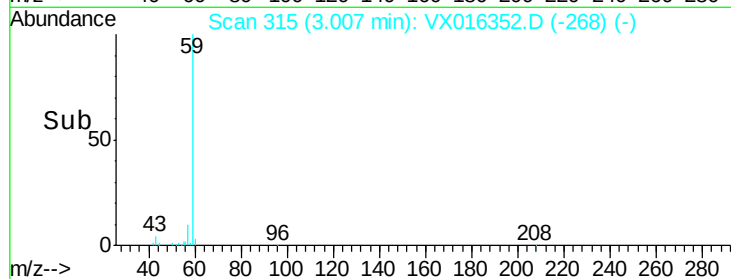
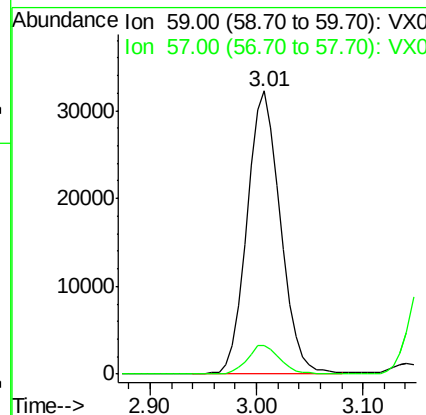
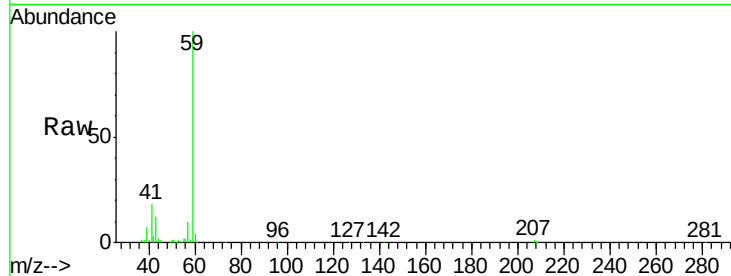
Tert butyl alcohol
Concen: 77.855 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.0	8.2	12.4

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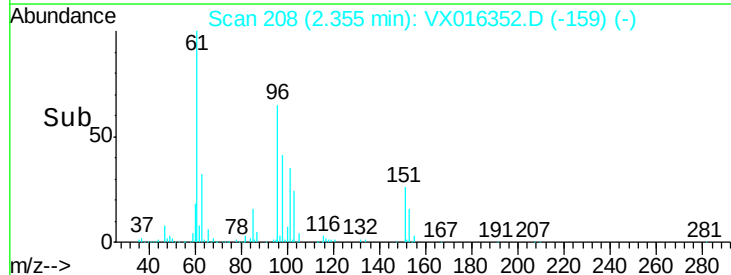
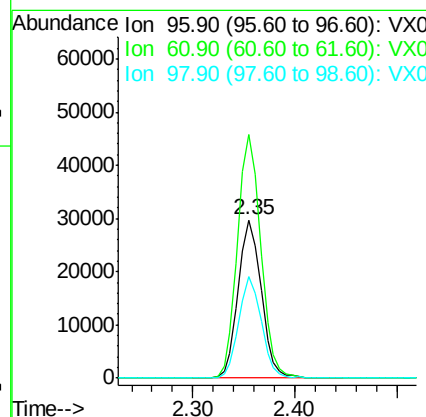
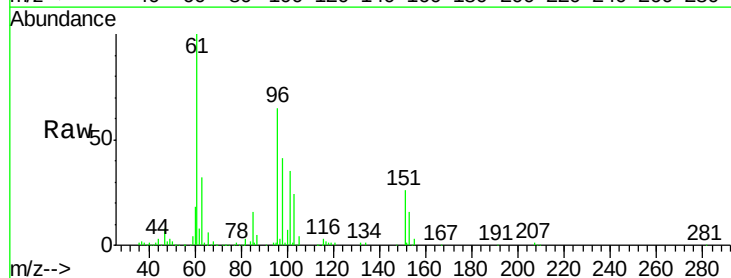
MMDadoda
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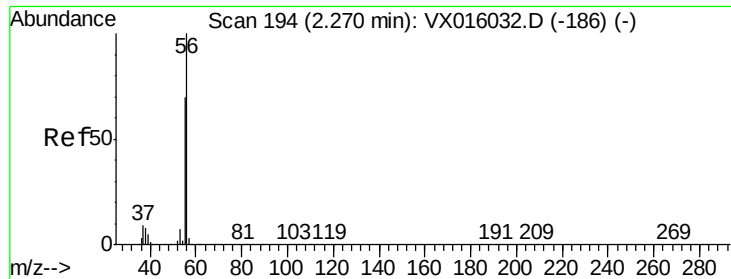


#12

1,1-Dichloroethene
Concen: 16.223 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	154.5	124.8	187.2
98	98	64.0	49.7	74.5





#13

Acrolein

Concen: 99.172 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBS01

Tot Ion: 56 Resp: 56620

Ion Ratio Lower Upper

56 100

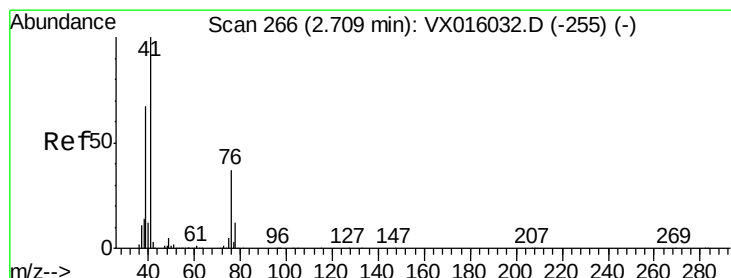
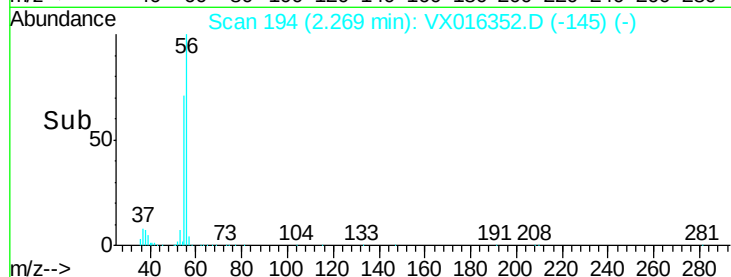
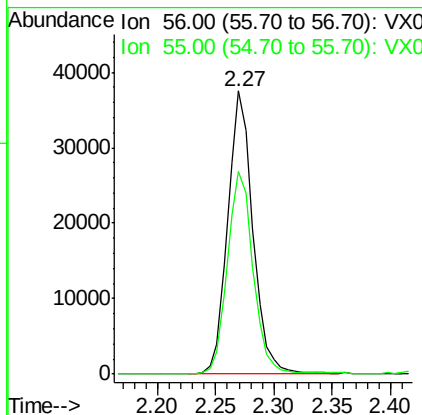
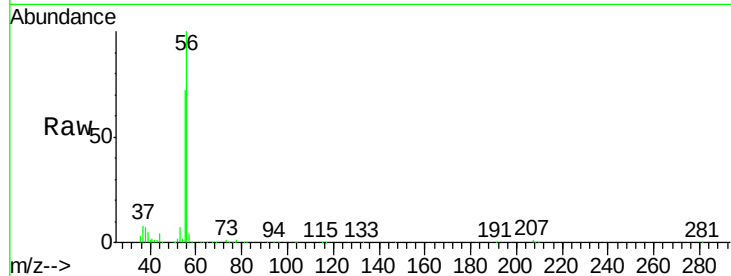
55 73.6 56.5 84.7

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#14

Allyl chloride

Concen: 15.305 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

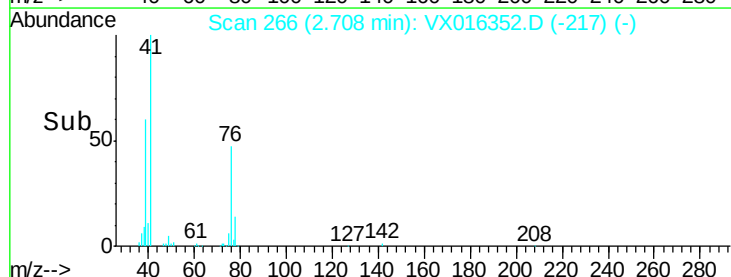
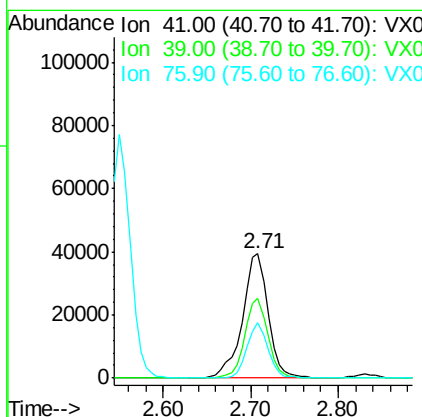
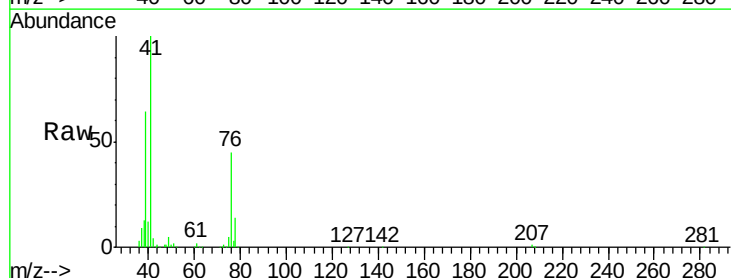
Tgt Ion: 41 Resp: 79982

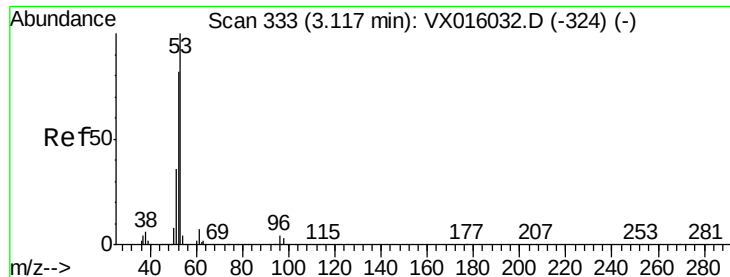
Ion Ratio Lower Upper

41 100

39 58.1 50.5 75.7

76 36.5 26.6 40.0





#15

Acrylonitrile

Concen: 82.946 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

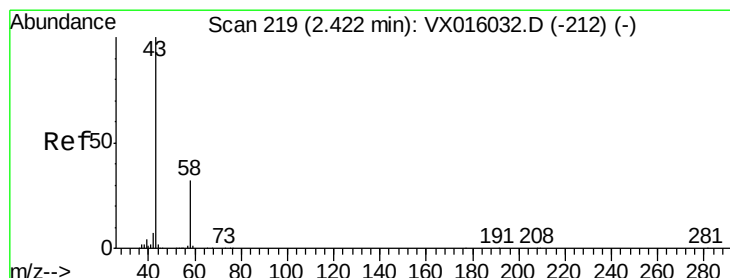
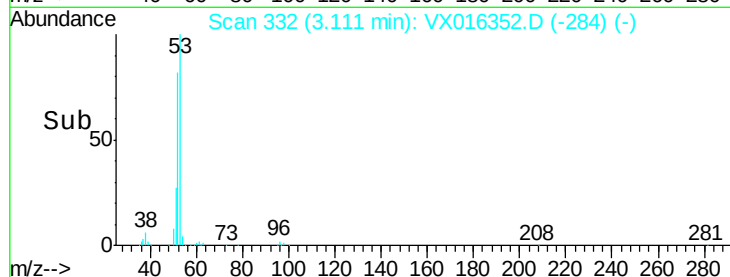
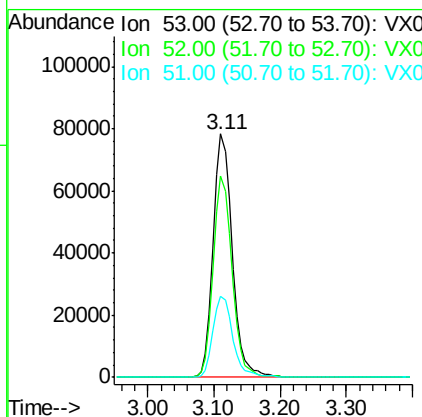
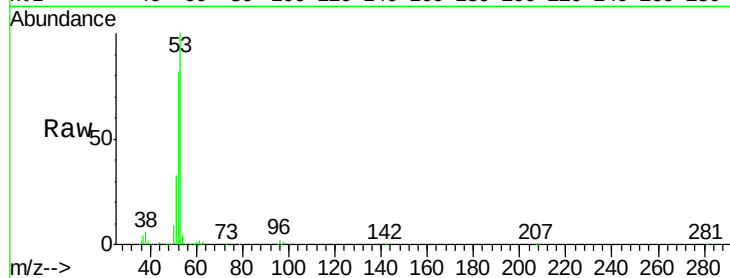
ClientSampled :

VX0520WBS01

Tot Ion:	53	Resp:	156993
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	34.6	28.8	43.2

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#16

Acetone

Concen: 75.682 ug/l

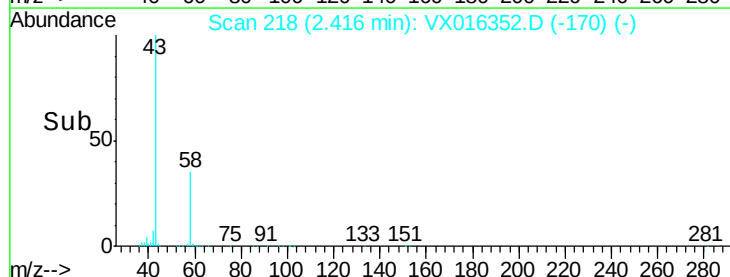
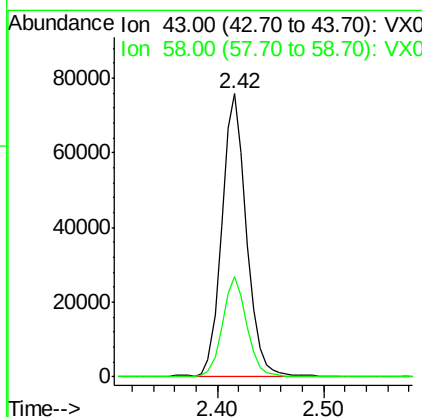
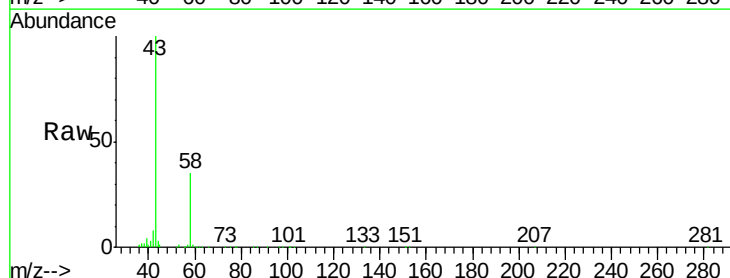
RT: 2.42 min Scan# 218

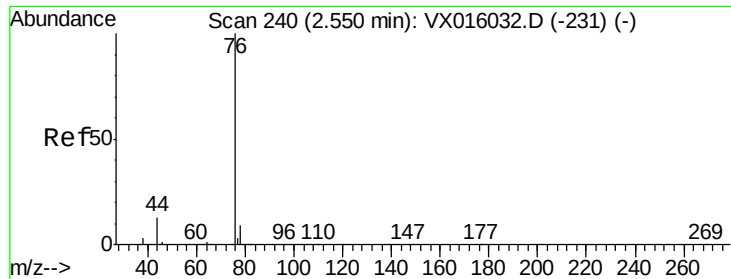
Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion:	43	Resp:	121836
Ion	Ratio	Lower	Upper
43	100		
58	35.4	25.4	38.0





#17

Carbon Disulfide

Concen: 14.228 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBS01

Tot Ion: 76 Resp: 123046

Ion Ratio Lower Upper

76 100

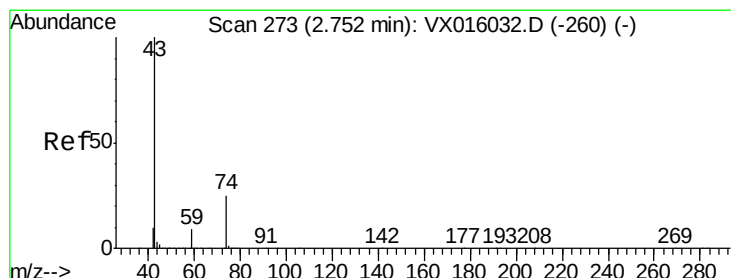
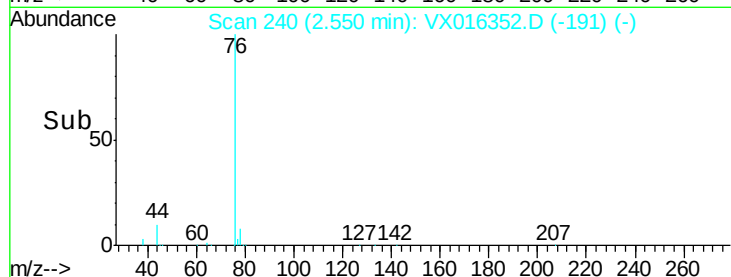
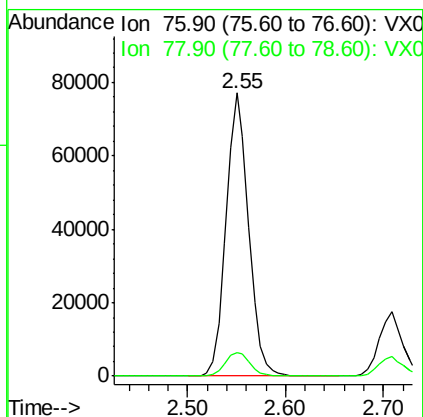
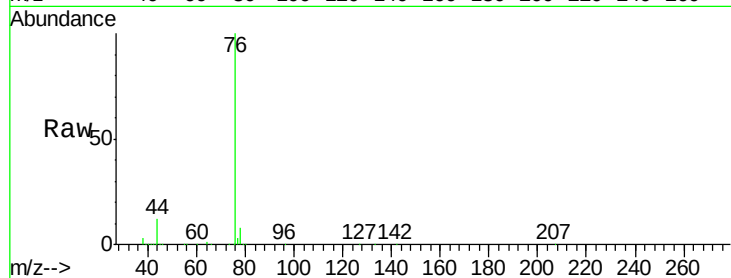
78 8.4 7.5 11.3

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#18

Methyl Acetate

Concen: 17.236 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016352.D

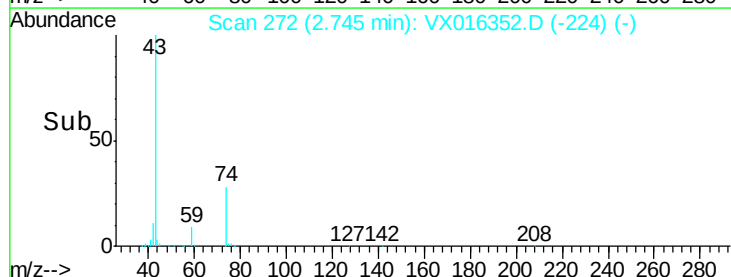
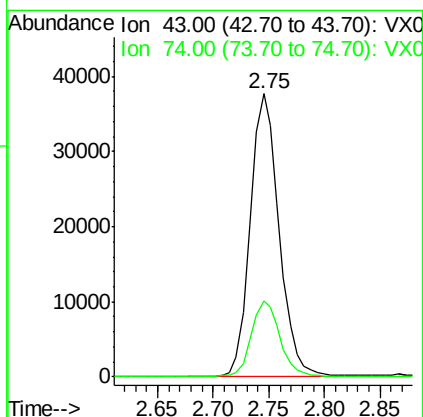
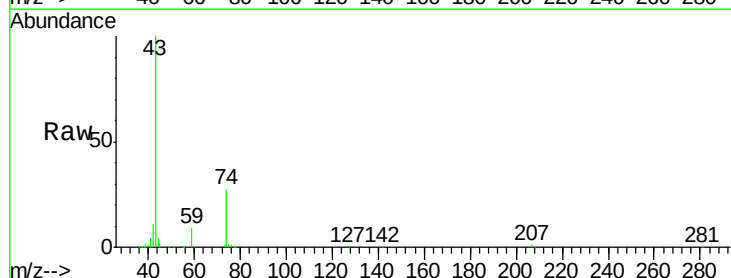
Acq: 20 May 2020 11:52

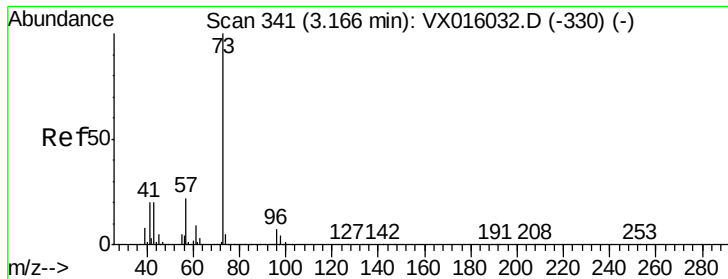
Tgt Ion: 43 Resp: 68225

Ion Ratio Lower Upper

43 100

74 26.8 20.2 30.2





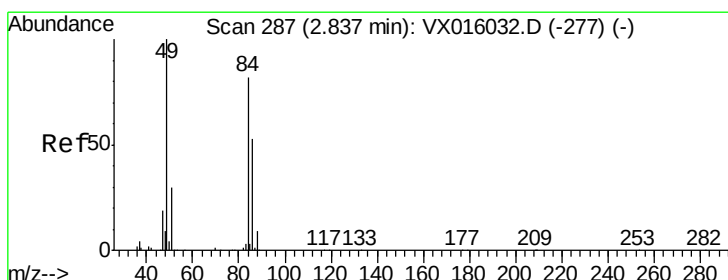
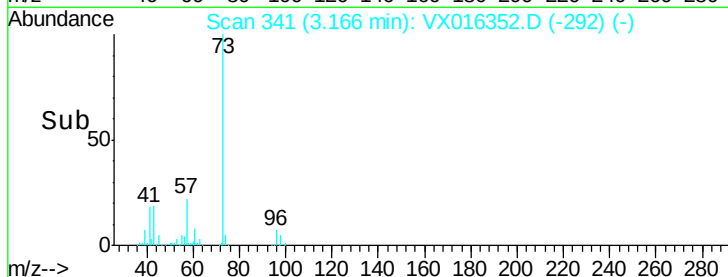
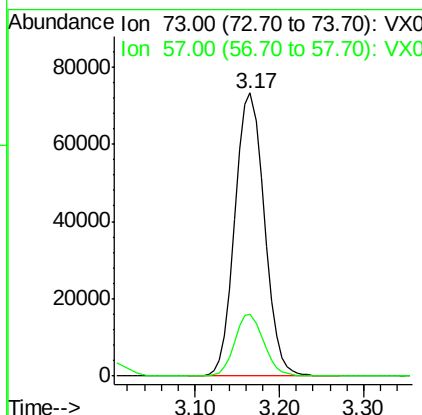
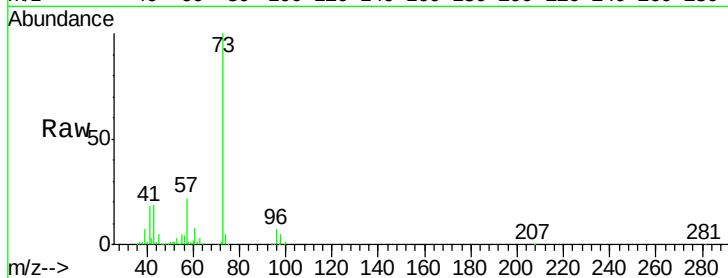
#19
Methyl tert-butyl Ether
Concen: 17.653 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

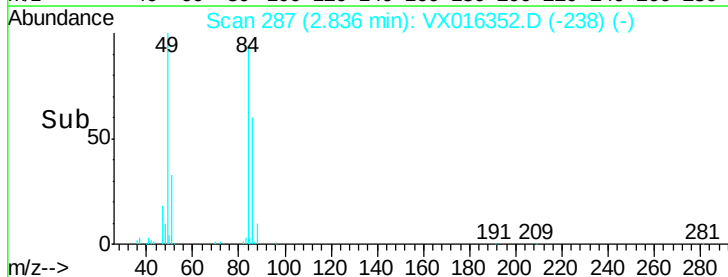
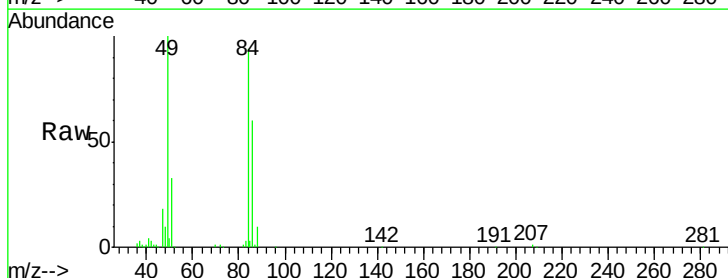
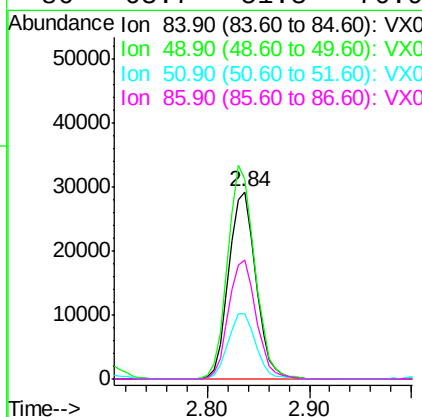
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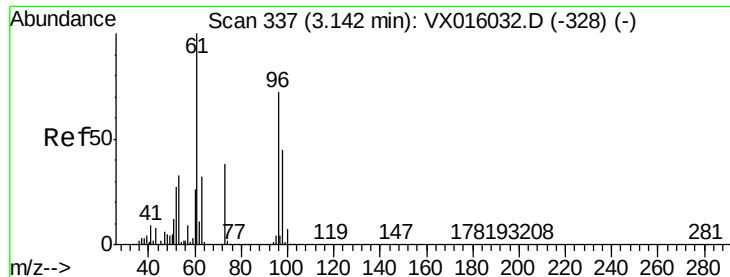
MMDadoda
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#20
Methylene Chloride
Concen: 16.266 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.6	97.3	145.9
51	35.0	29.3	43.9
86	63.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 16.038 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBS01

Tot Ion: 96 Resp: 50939

Ion Ratio Lower Upper

96 100

61 137.2 111.2 166.8

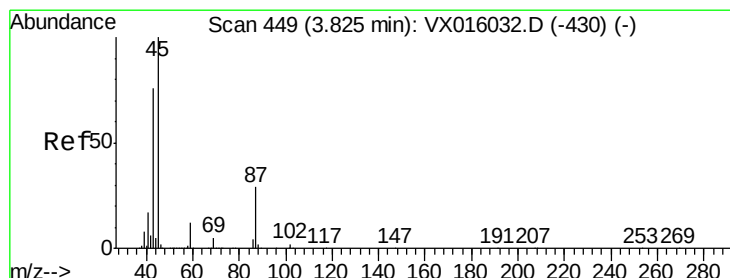
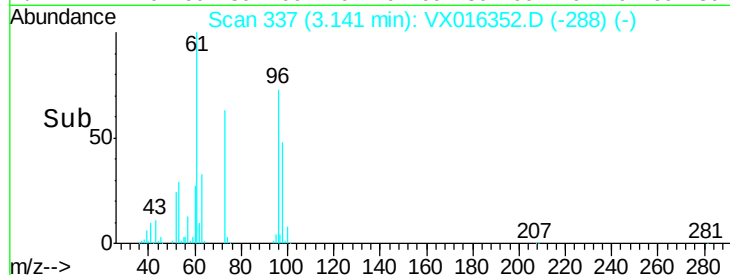
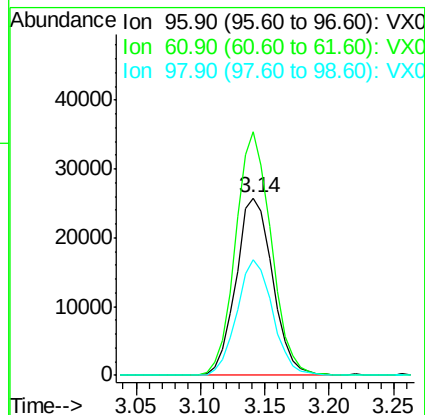
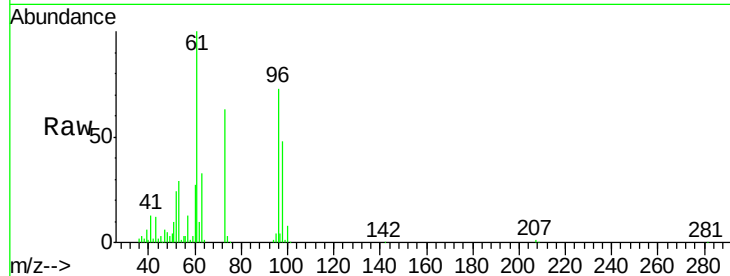
98 65.5 50.2 75.4

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#22

Diisopropyl ether

Concen: 16.580 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion: 45 Resp: 163459

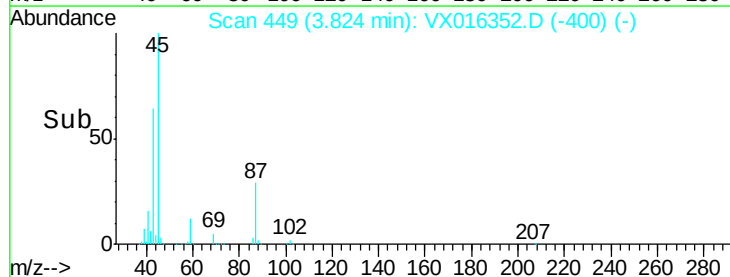
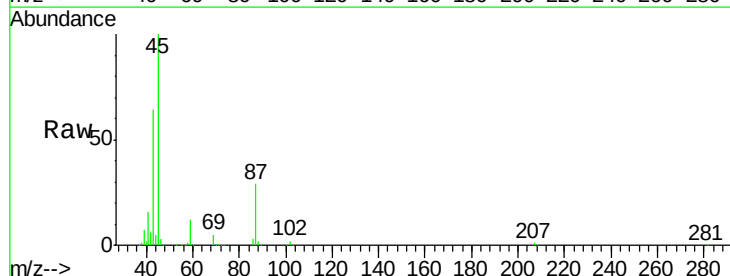
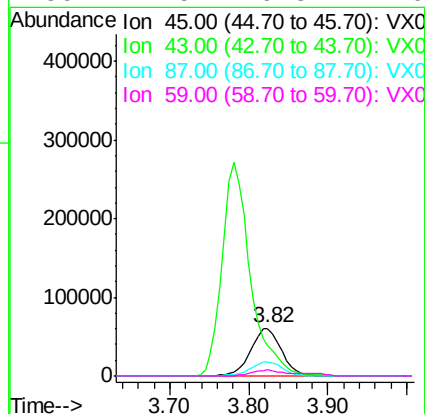
Ion Ratio Lower Upper

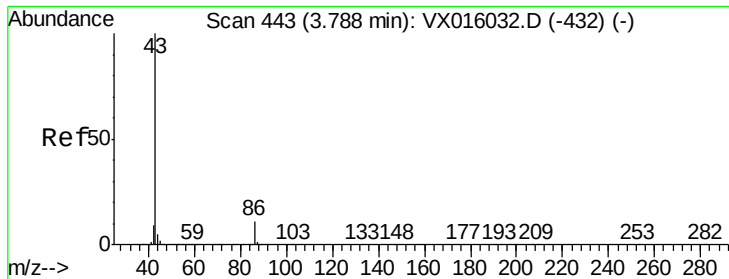
45 100

43 64.1 61.1 91.7

87 28.7 23.0 34.6

59 12.5 9.8 14.6





#23

Vinyl Acetate

Concen: 79.143 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBS01

Tot Ion: 43 Resp: 686471

Ion Ratio Lower Upper

43 100

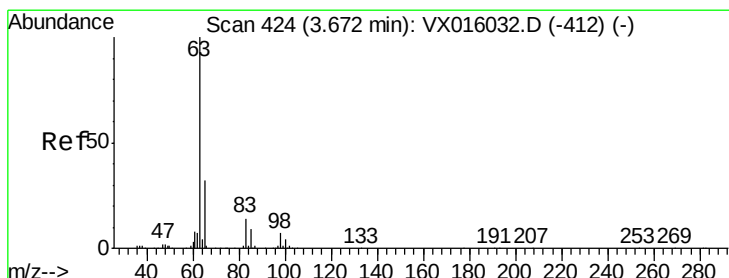
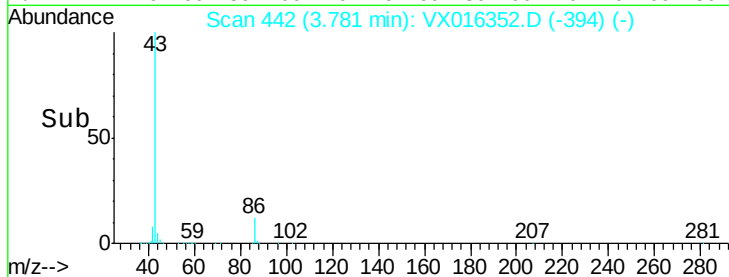
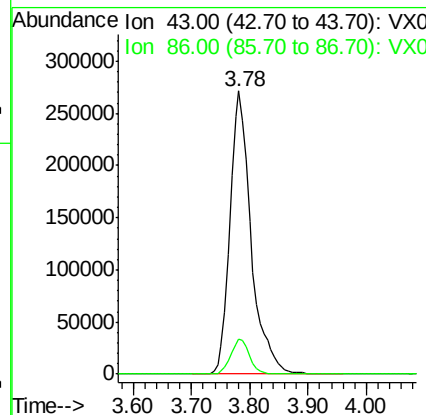
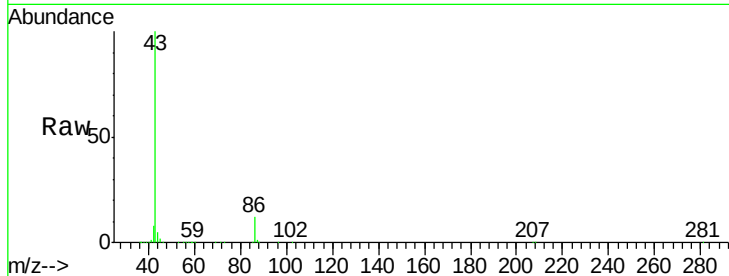
86 12.2 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 17.084 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

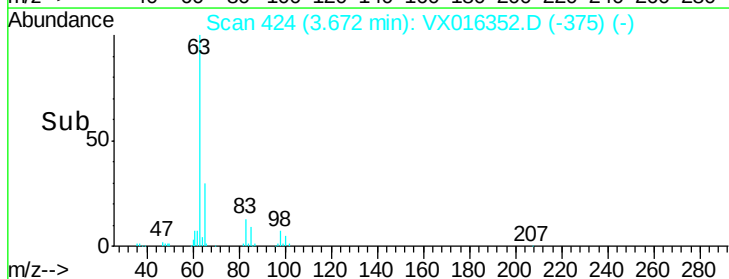
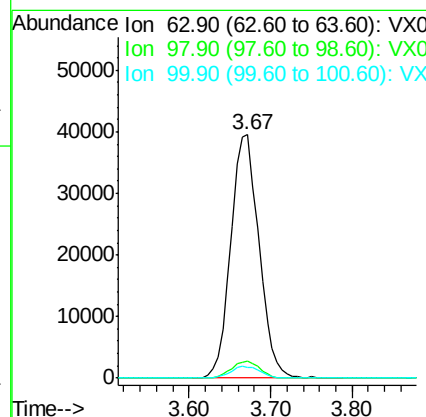
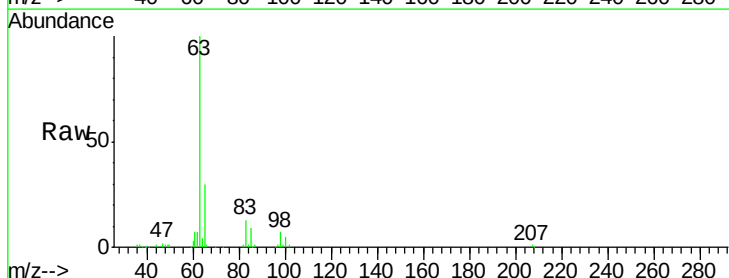
Tgt Ion: 63 Resp: 94220

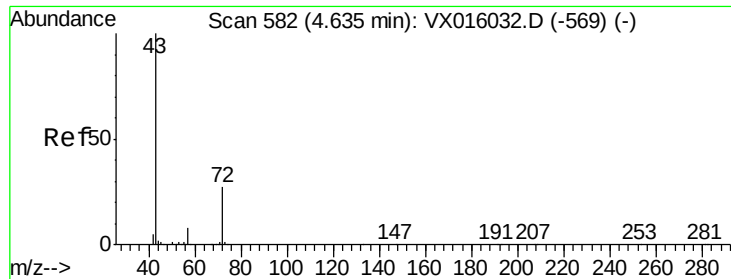
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.5 2.1 6.5





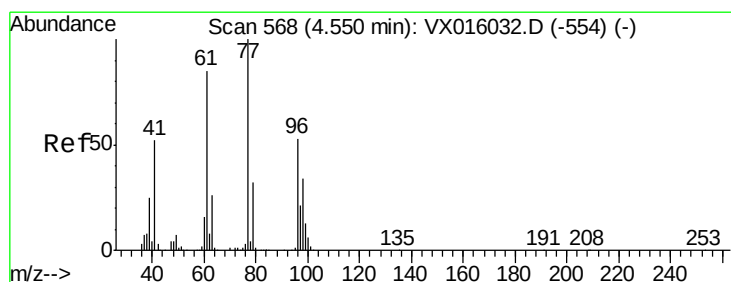
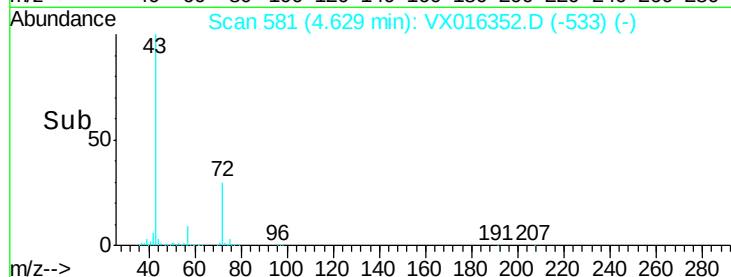
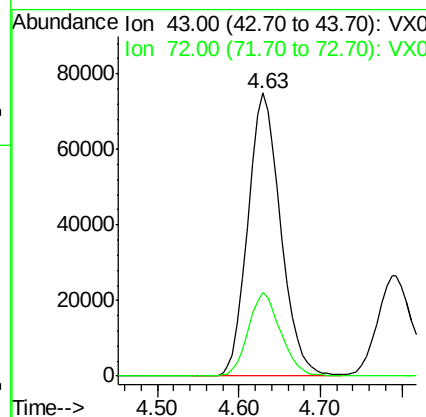
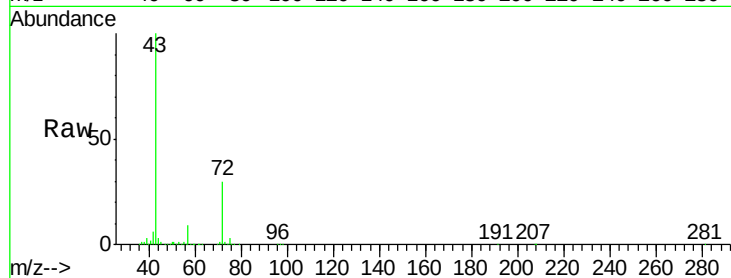
#25
2-Butanone
Concen: 80.489 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	29.5	21.8	32.8

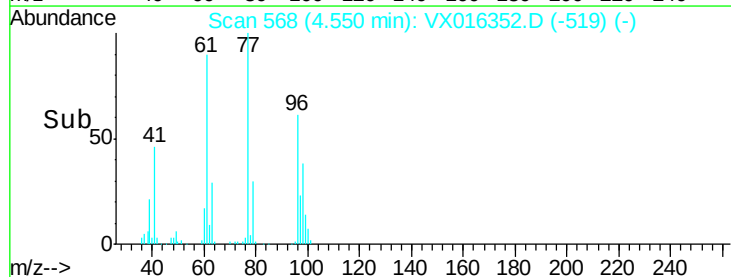
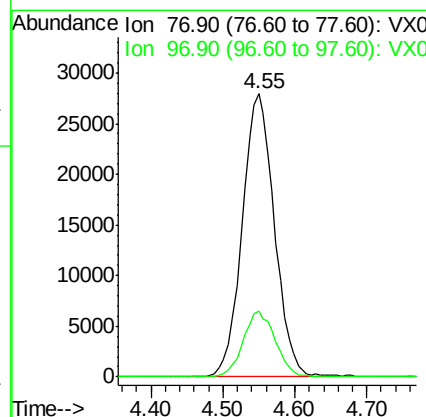
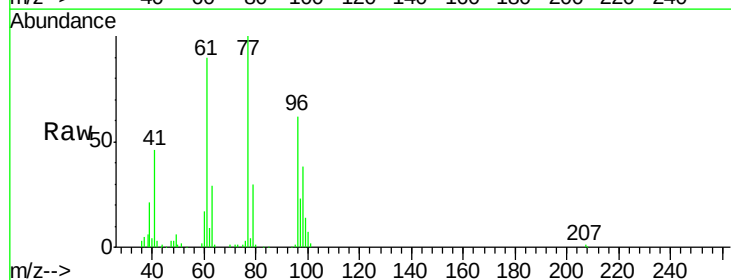
Manual Integrations
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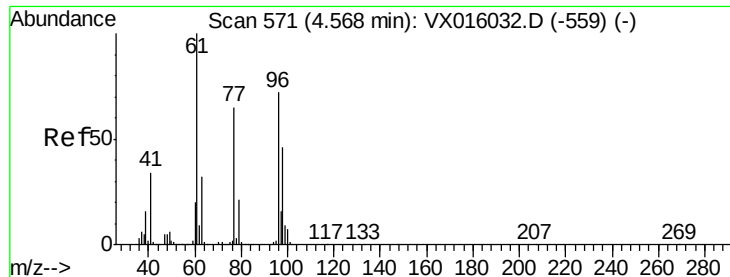
MMDadoda
5/21/2020 1:15:18 PM



#26
2,2-Dichloropropane
Concen: 17.200 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.1	11.2	33.6





#27

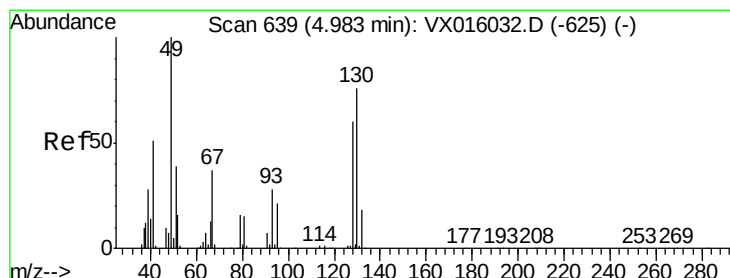
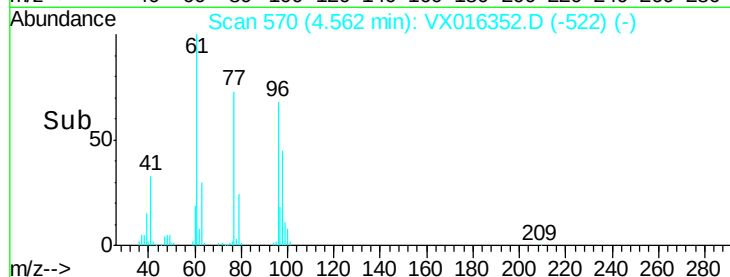
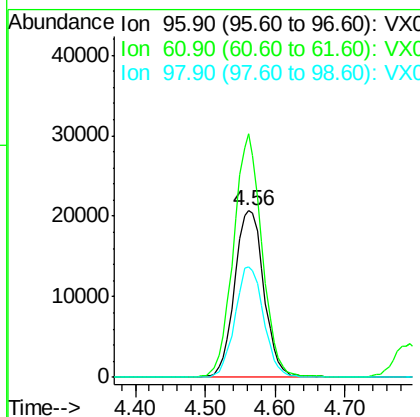
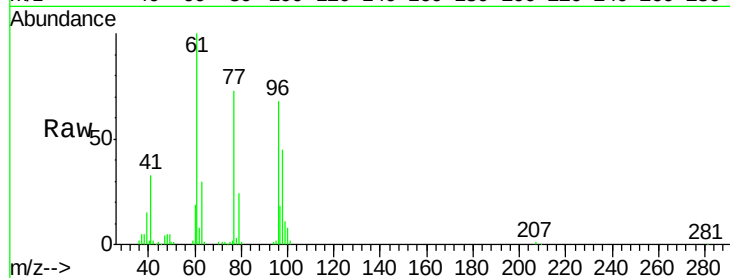
cis-1,2-Dichloroethene
Concen: 17.407 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60442		
61	140.8		0.0	296.2
98	64.2		0.0	129.4

Manual Integrations
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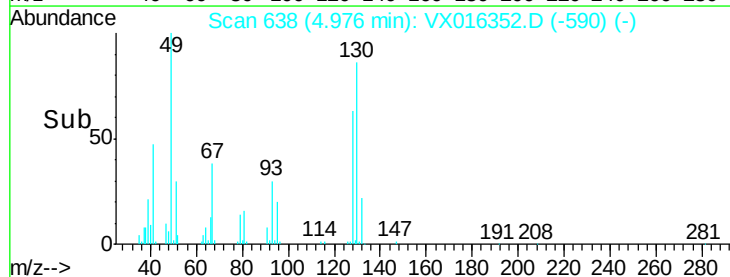
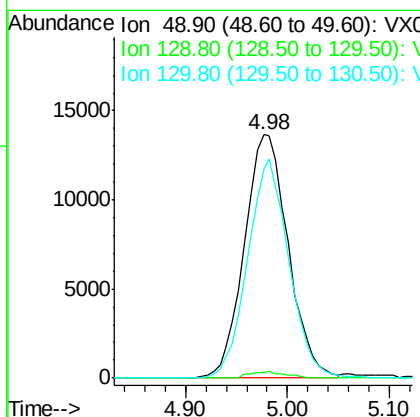
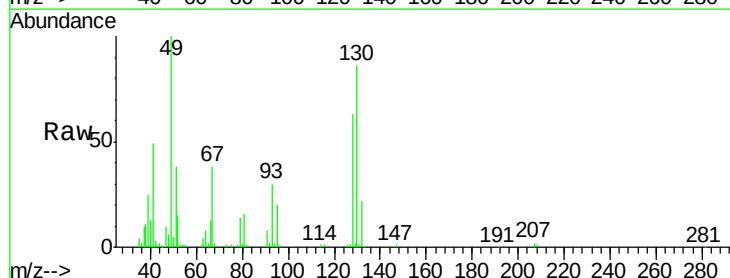
MMDadoda
5/21/2020 1:15:18 PM

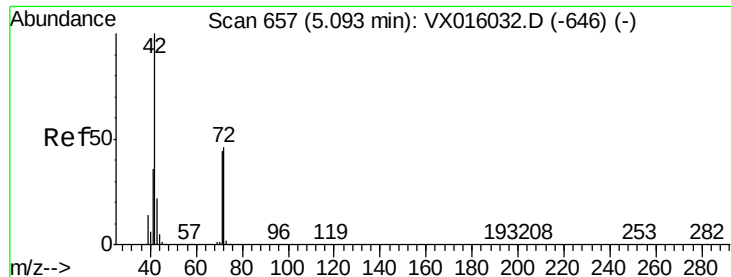


#28

Bromochloromethane
Concen: 16.229 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	40812		
129	2.1		0.0	4.0
130	84.8		62.4	93.6





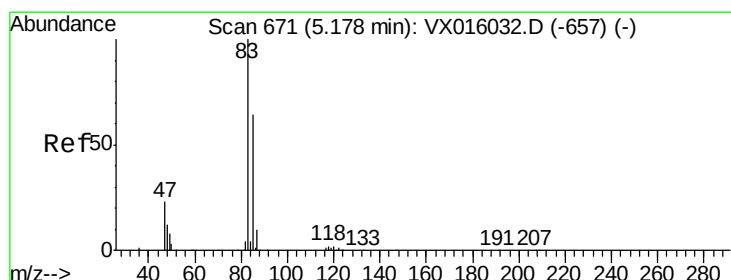
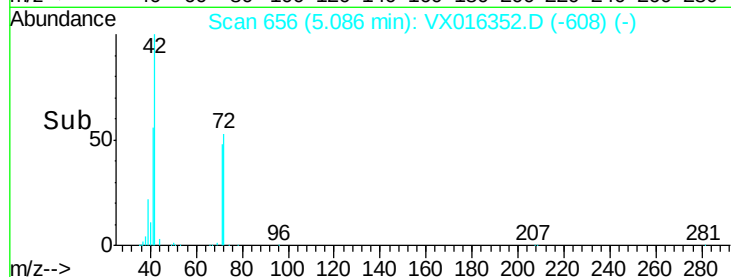
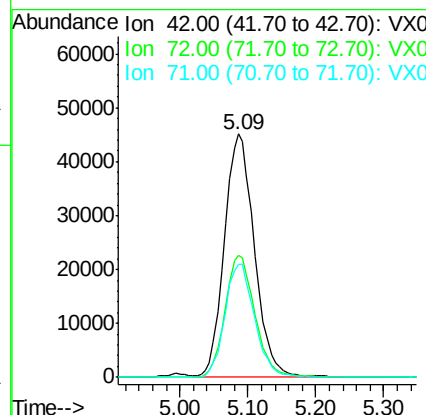
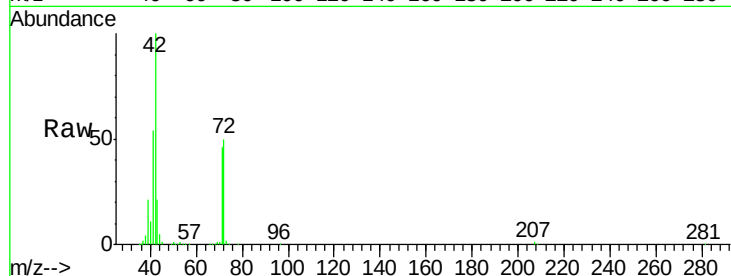
#29
Tetrahydrofuran
Concen: 80.013 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	50.2	37.1	55.7
71	46.0	34.5	51.7

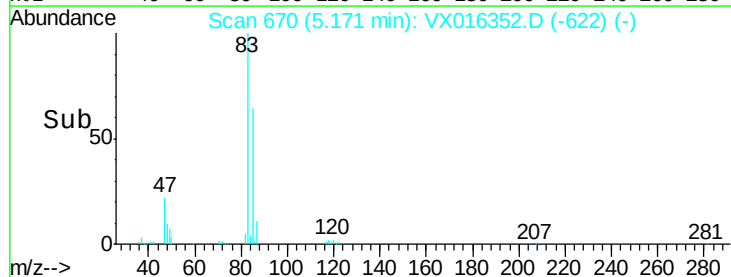
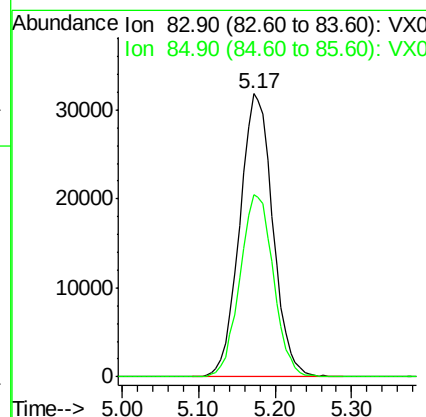
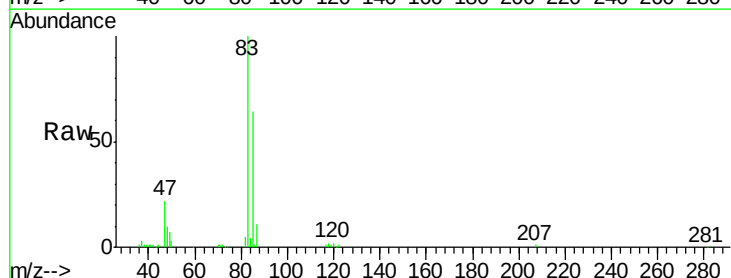
Manual Integrations
APPROVED

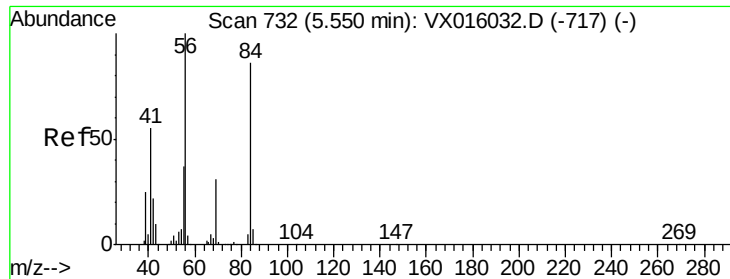
MMDadoda
5/21/2020 1:15:18 PM



#30
Chloroform
Concen: 17.407 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	64.5	51.6	77.4





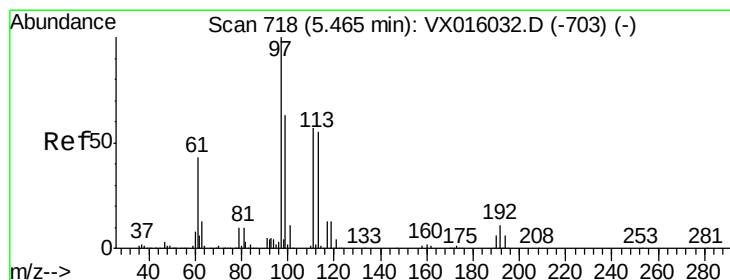
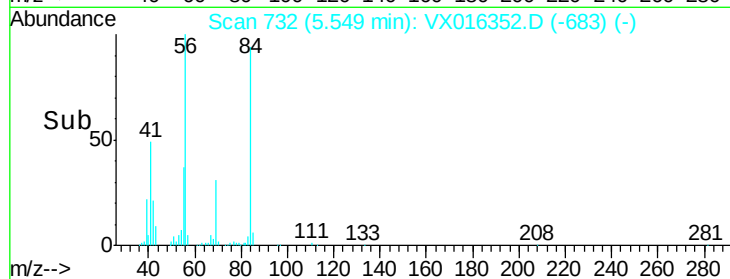
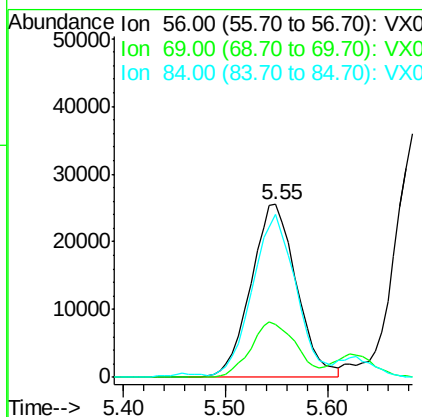
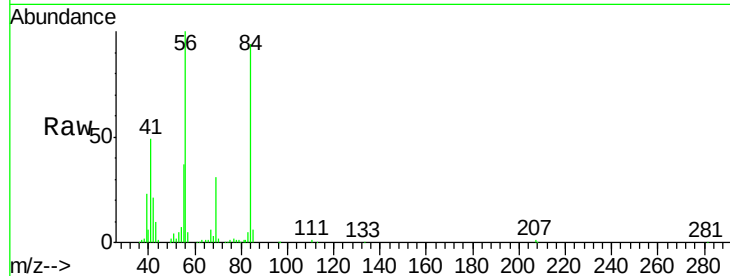
#31
Cyclohexane
Concen: 15.804 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.8	25.0	37.6	
84	92.3	69.0	103.6	

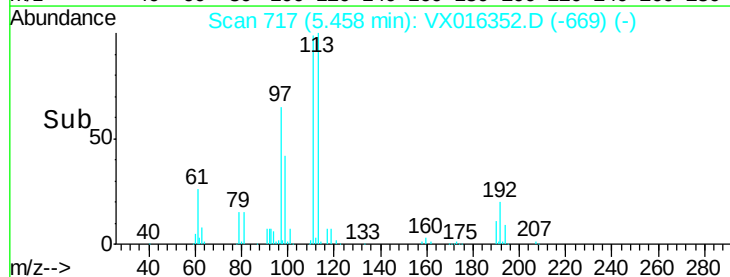
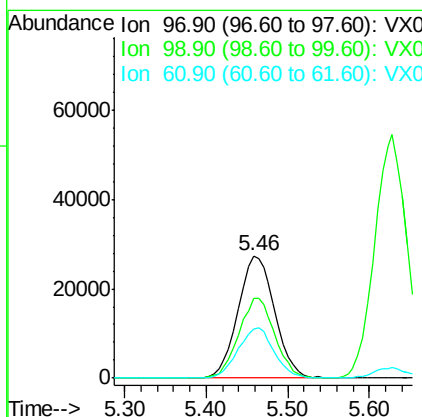
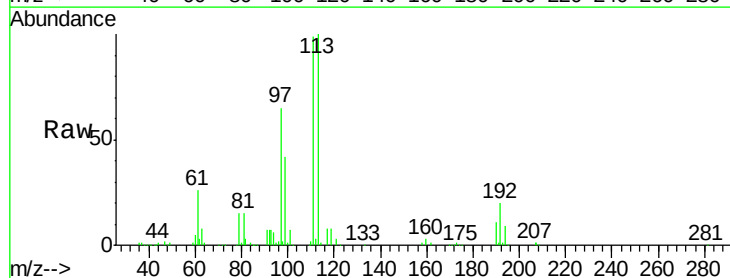
Manual Integrations
APPROVED

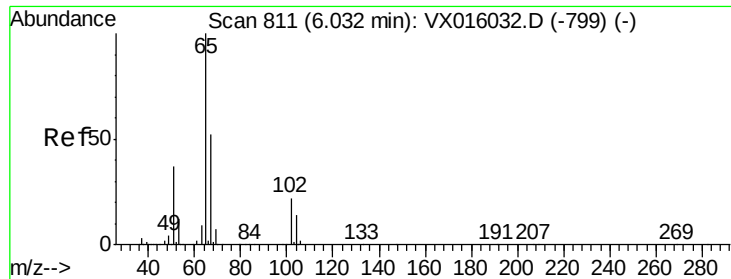
MMDadoda
5/21/2020 1:15:18 PM



#32
1,1,1-Trichloroethane
Concen: 17.063 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.1	51.0	76.4	
61	40.4	34.5	51.7	





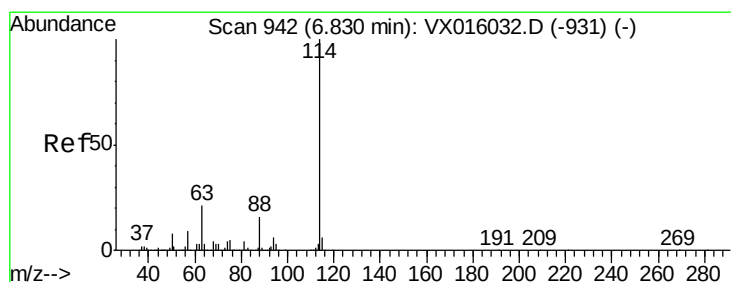
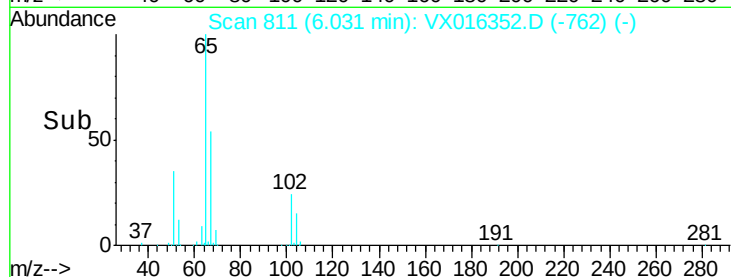
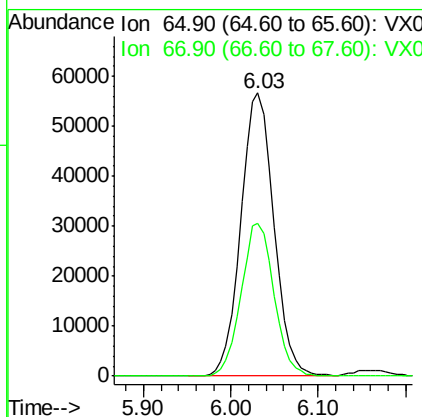
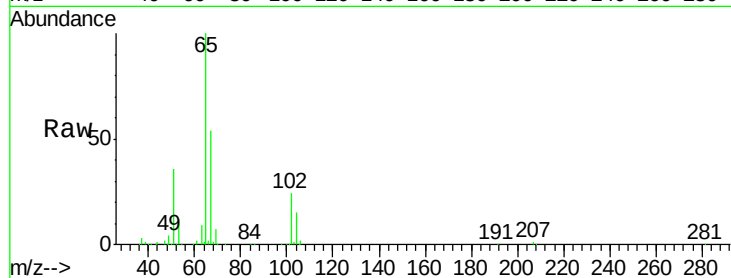
#33
 1,2-Dichloroethane-d4
 Concen: 41.231 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	104.8

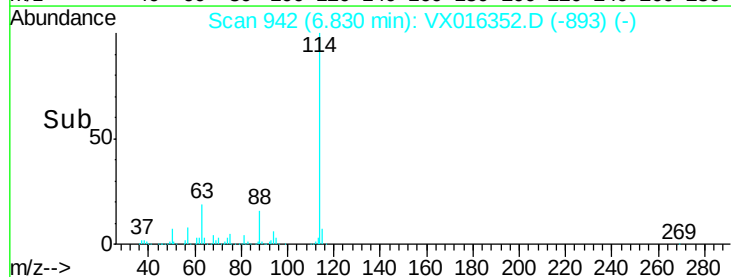
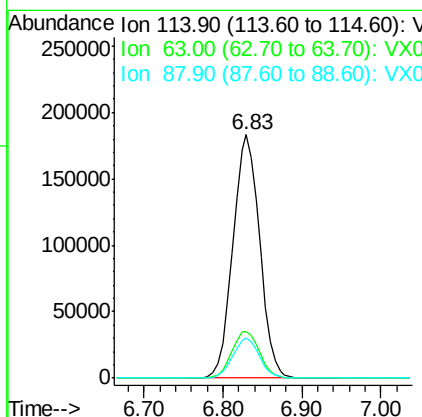
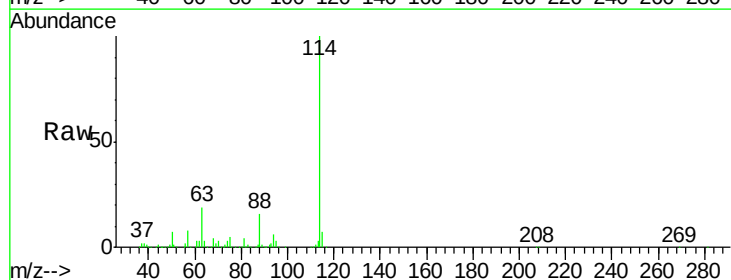
Manual Integrations
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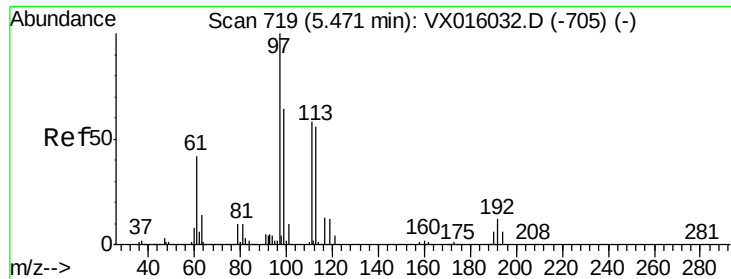
MMDadoda
 5/21/2020 1:15:18 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	42.8
88	16.5	0.0	31.4





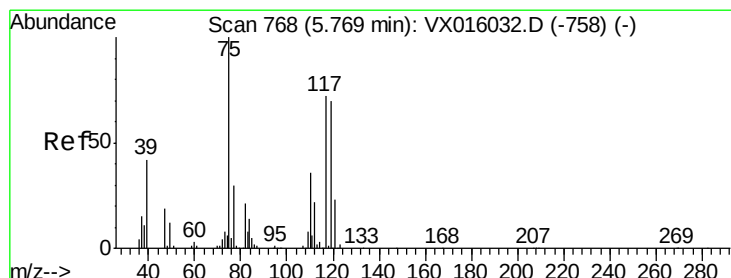
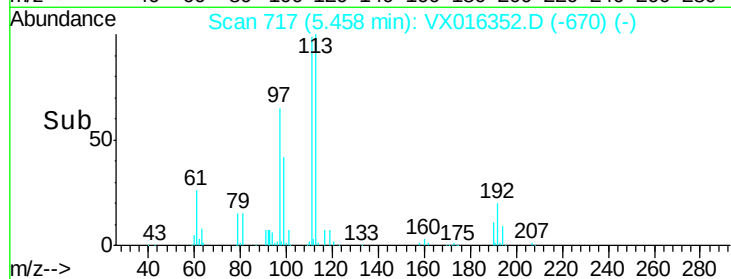
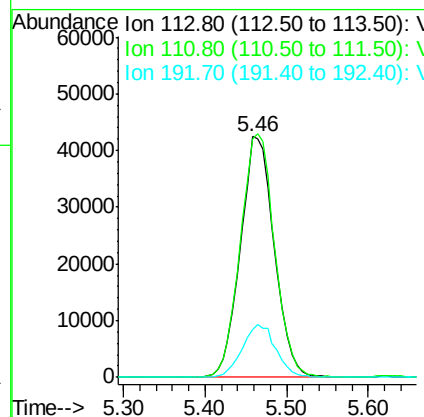
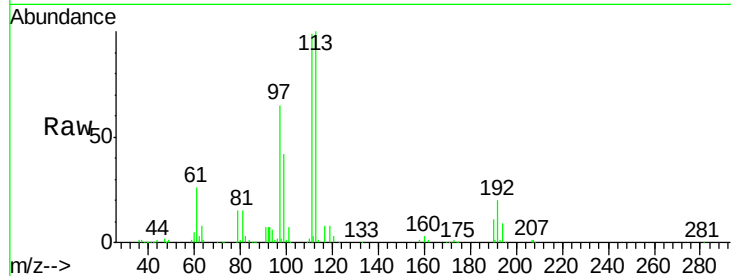
#35
 Dibromofluoromethane
 Concen: 44.572 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121815		
111	102.6	81.6	122.4	
192	22.0	17.0	25.4	

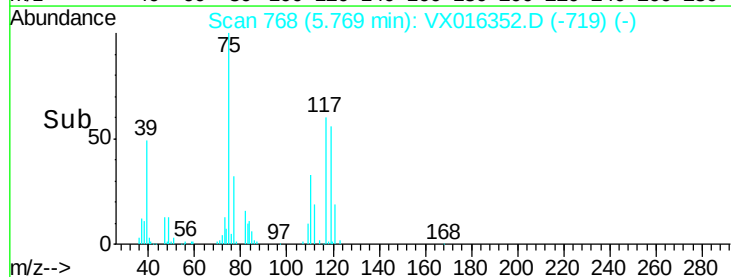
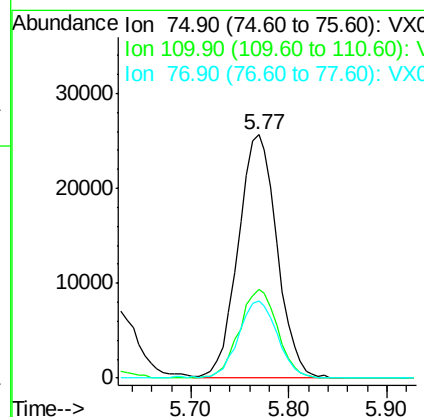
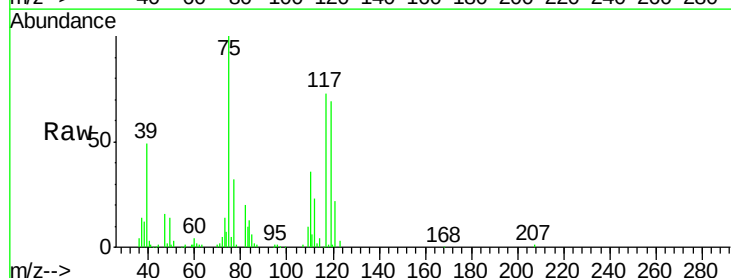
Manual Integrations
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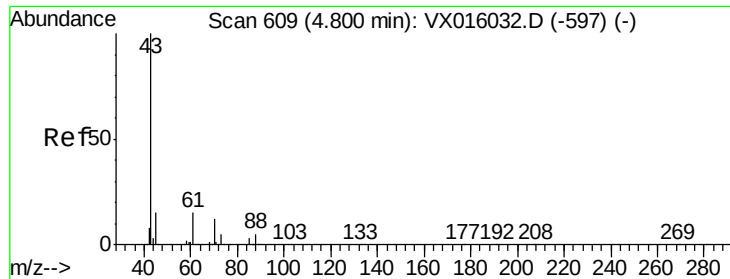
MMDadoda
 5/21/2020 1:15:18 PM



#36
 1,1-Dichloropropene
 Concen: 16.648 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70693		
110	36.0	18.1	54.1	
77	31.8	25.0	37.6	





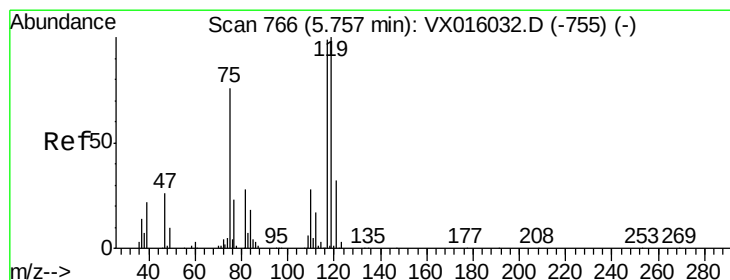
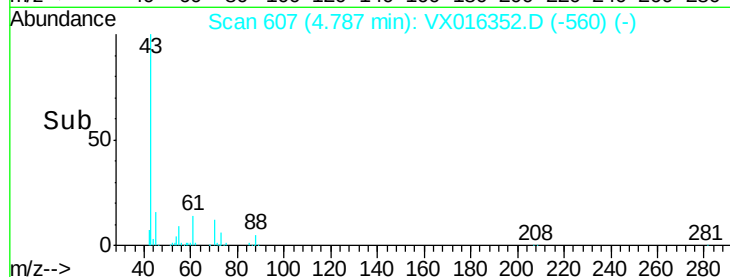
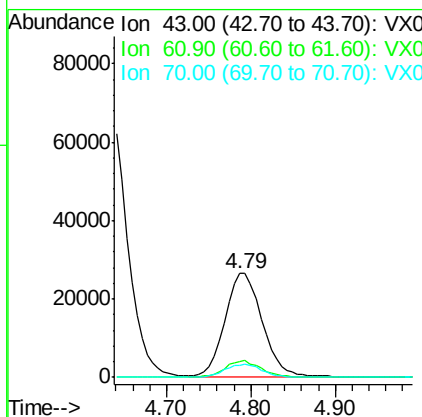
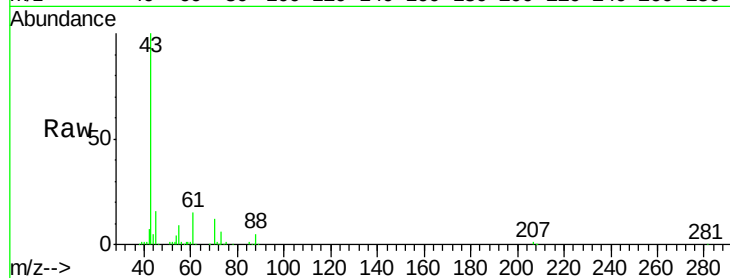
#37
Ethyl Acetate
Concen: 16.131 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.7	17.5
70	12.9	9.3	13.9

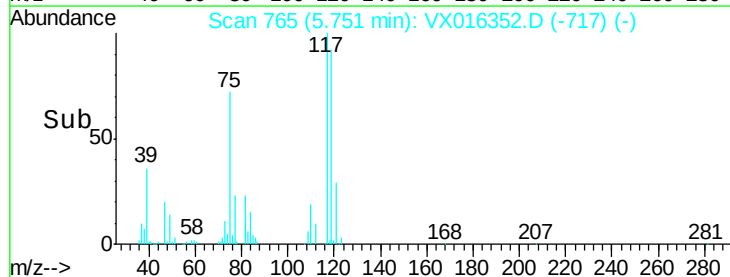
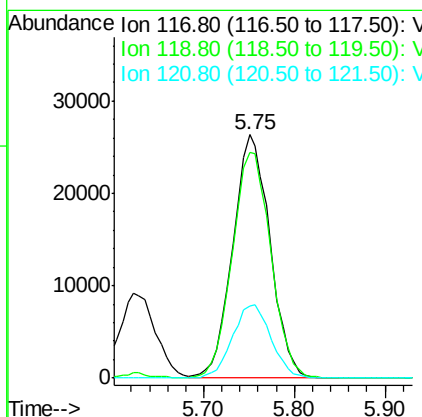
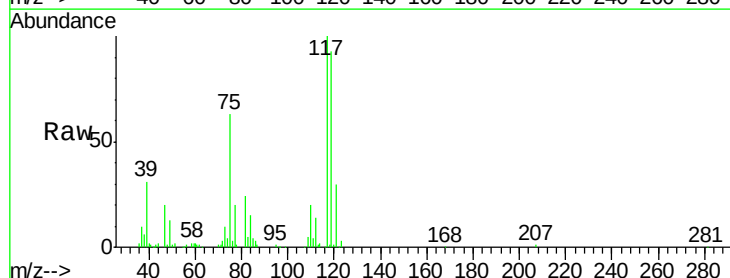
Manual Integrations
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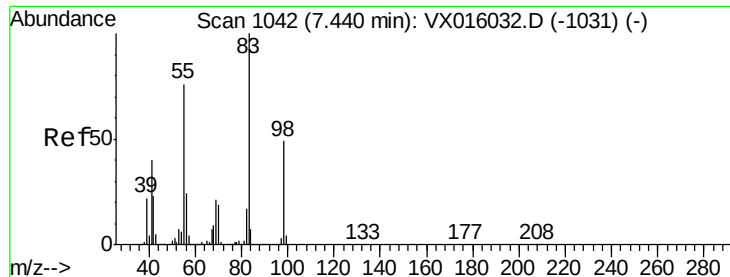
MMDadoda
5/21/2020 1:15:18 PM



#38
Carbon Tetrachloride
Concen: 17.382 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	80.3	120.5
121	29.9	25.7	38.5





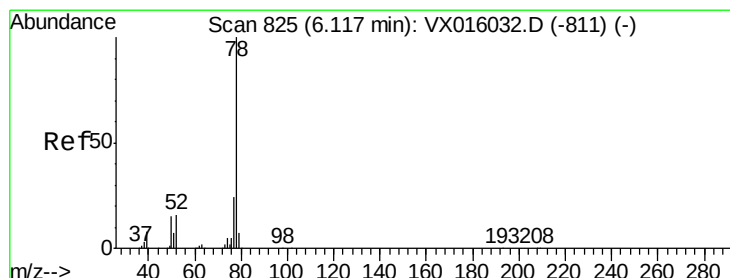
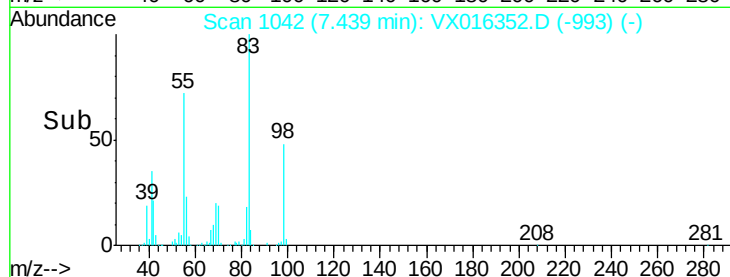
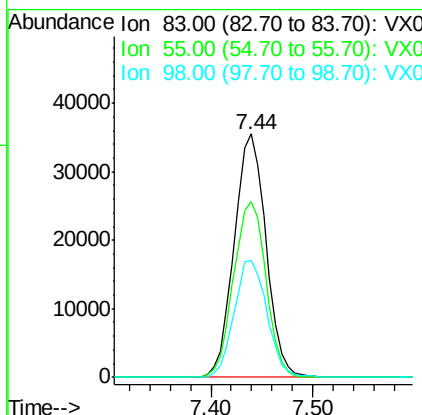
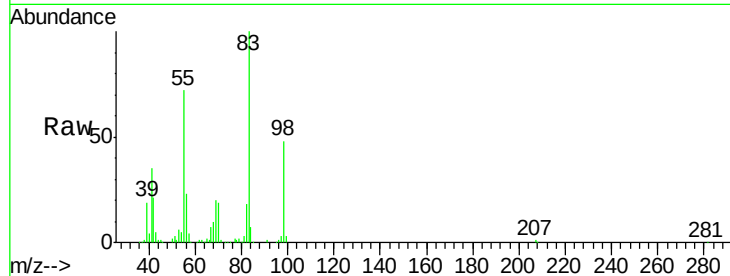
#39
Methylvlcyclohexane
Concen: 15.028 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	61.1	91.7
98	48.2	39.0	58.4

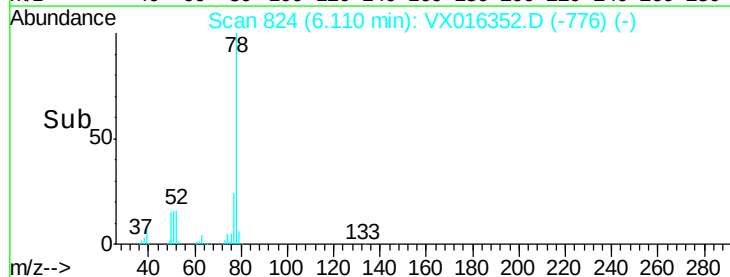
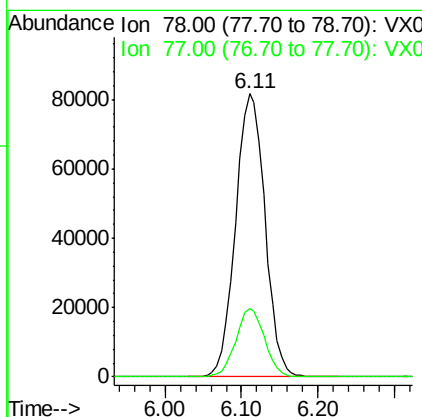
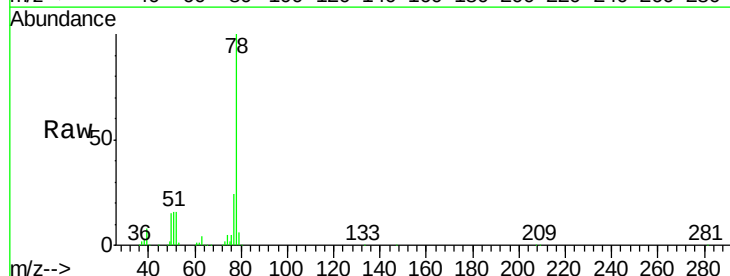
Manual Integrations
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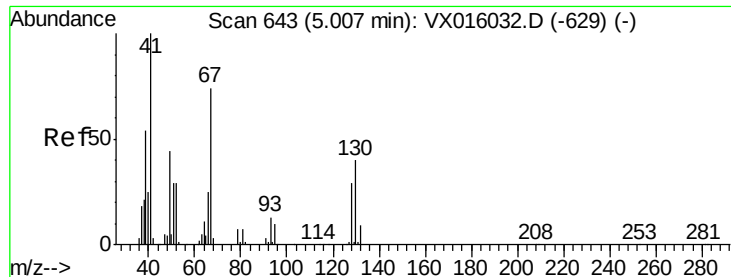
MMDadoda
5/21/2020 1:15:18 PM



#40
Benzene
Concen: 17.528 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





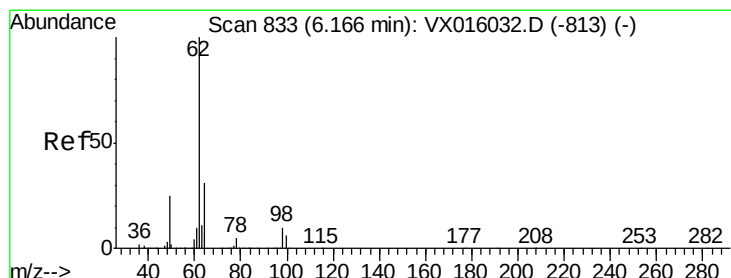
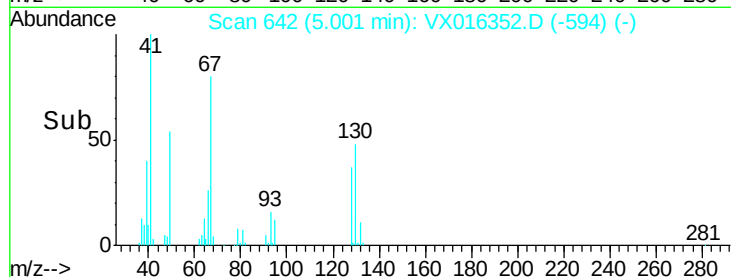
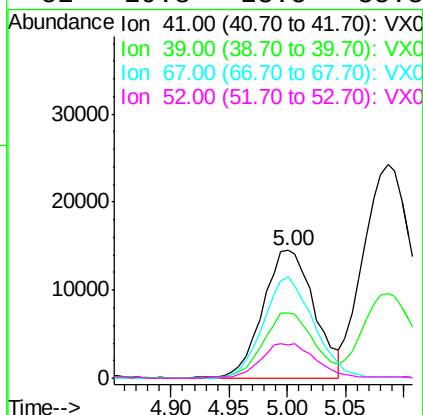
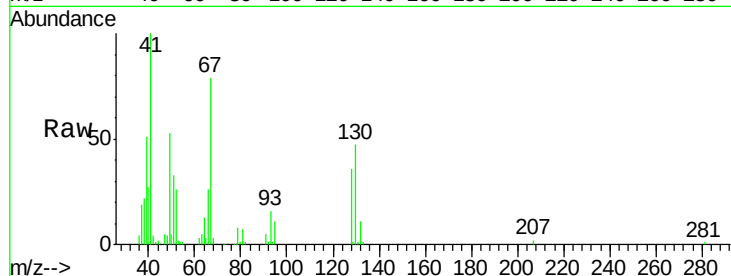
#41
Methacrylonitrile
Concen: 16.800 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		44653		
39	50.8	43.2	64.8		
67	78.4	59.3	88.9		
52	29.8	23.5	35.3		

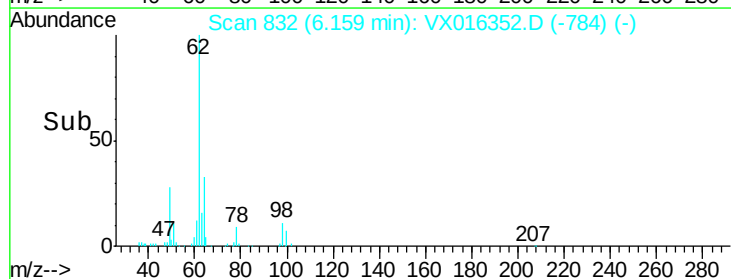
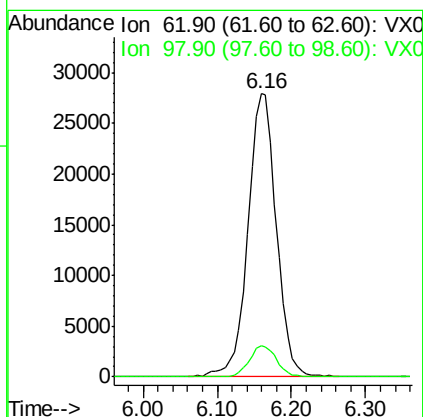
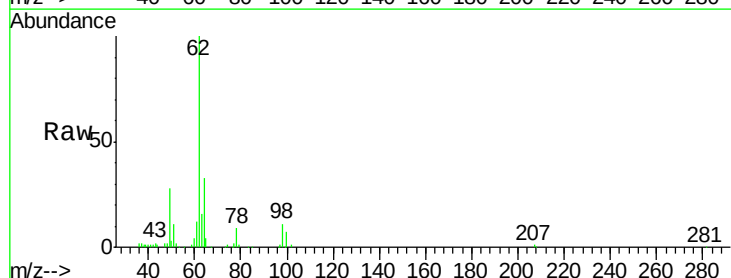
Manual Integrations
APPROVED

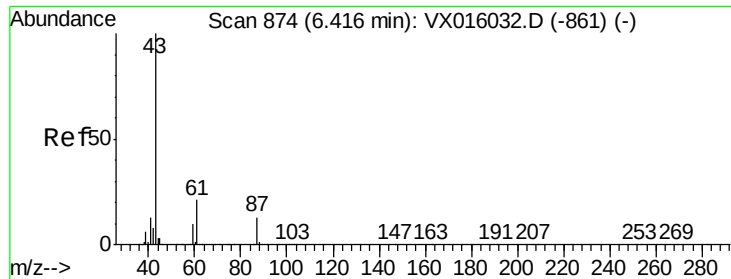
MMDadoda
5/21/2020 1:15:18 PM



#42
1,2-Dichloroethane
Concen: 16.655 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		74545		
98	10.6	0.0	19.4		





#43

Isopropyl Acetate

Concen: 16.245 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

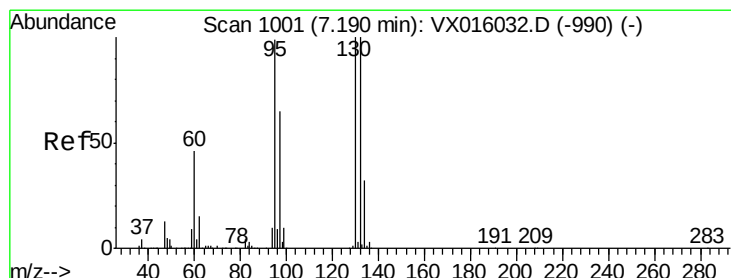
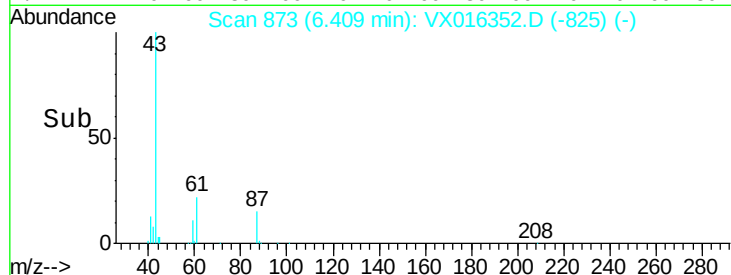
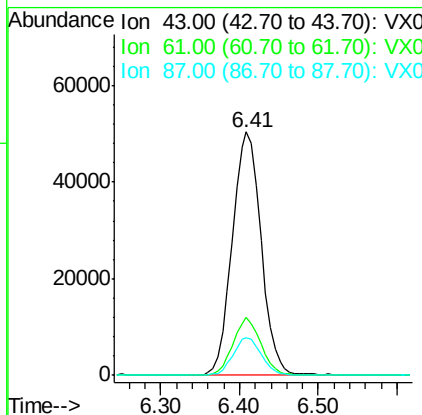
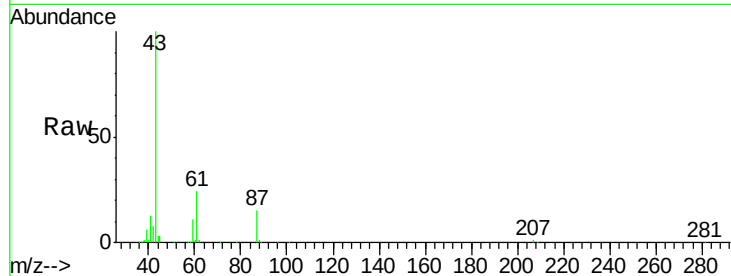
ClientSampleId :

VX0520WBS01

Tot Ion:	43	Resp:	127569
Ion	Ratio	Lower	Upper
43	100		
61	23.1	17.0	25.4
87	15.3	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 16.710 ug/l

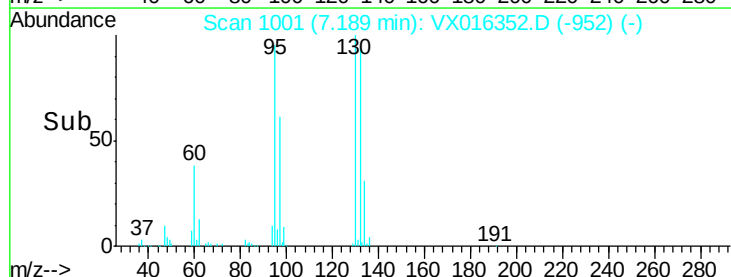
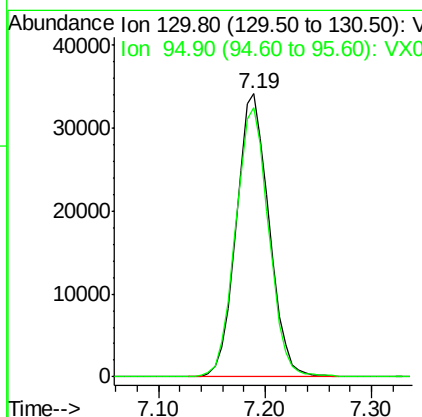
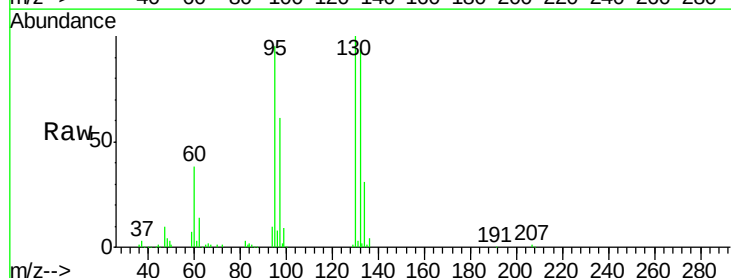
RT: 7.19 min Scan# 1001

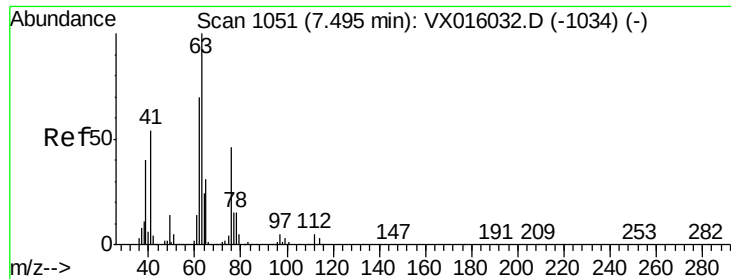
Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion:	130	Resp:	73758
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	197.4





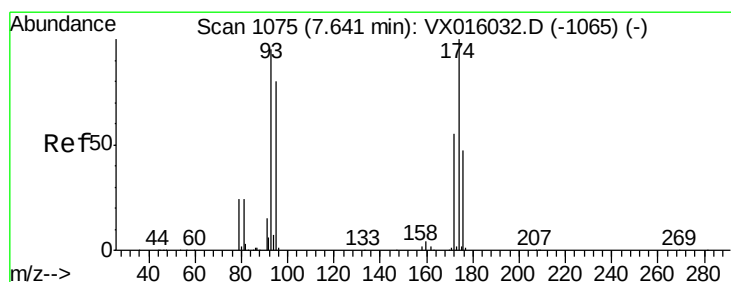
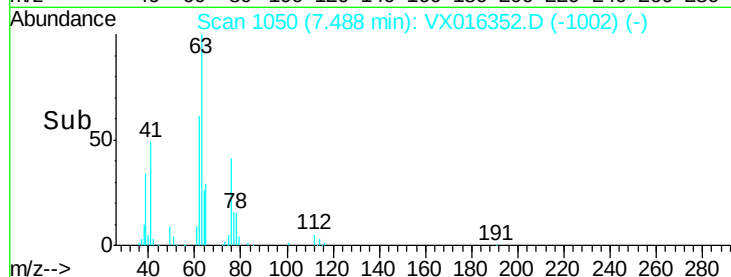
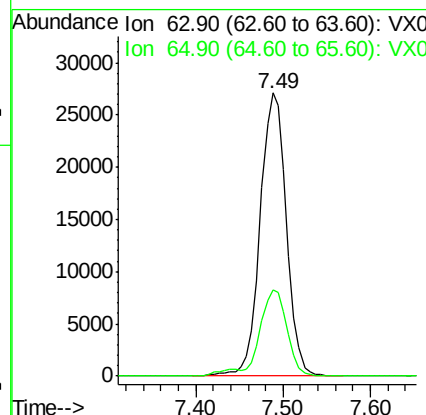
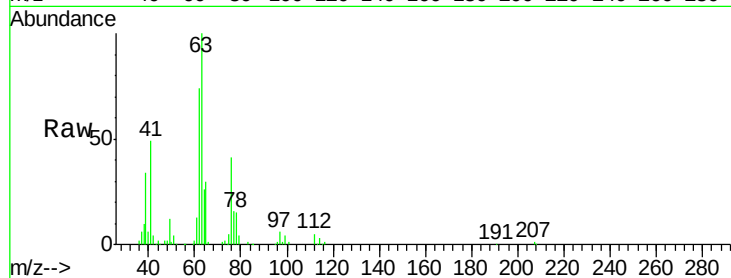
#45
 1,2-Dichloropropane
 Concen: 18.004 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.4	36.6

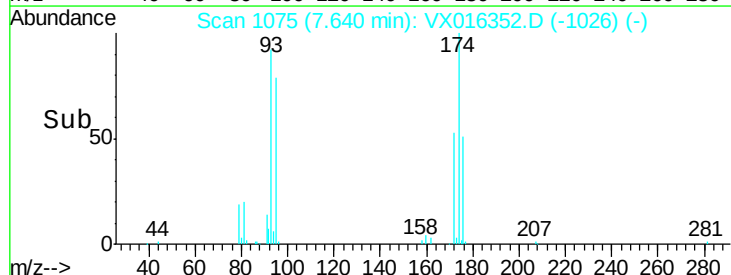
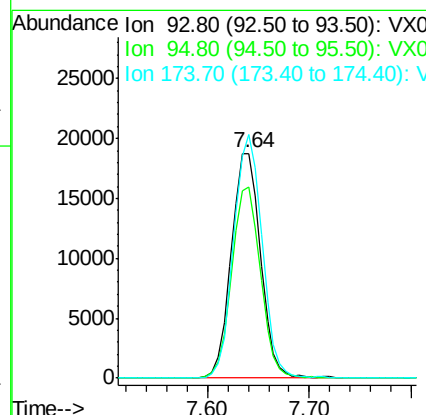
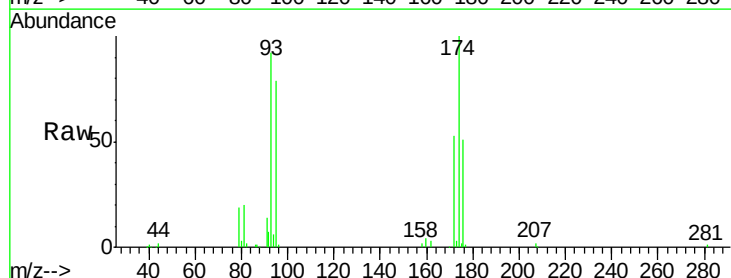
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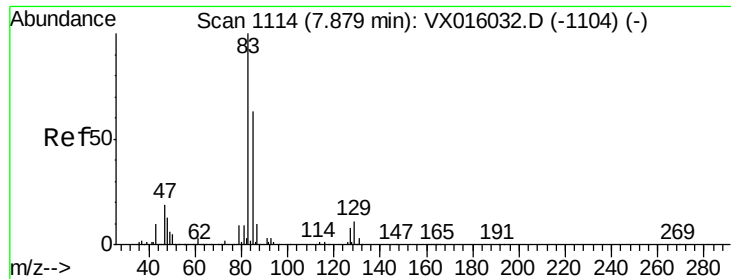
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#46
 Dibromomethane
 Concen: 17.469 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.6	100.0
174	105.0	84.2	126.4





#47

Bromodichloromethane

Concen: 17.452 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

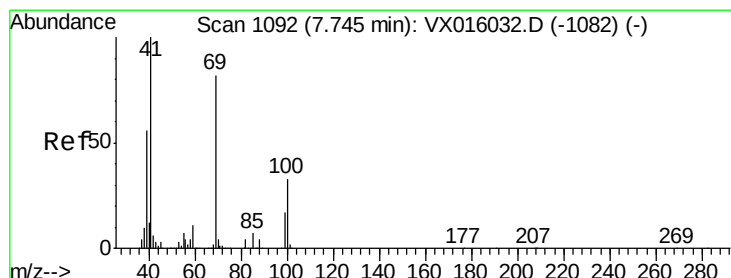
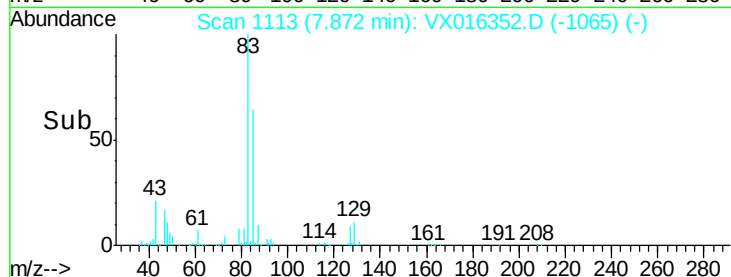
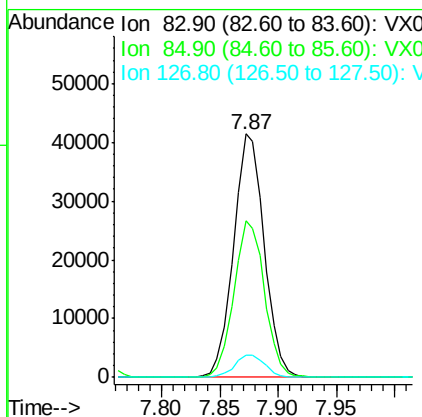
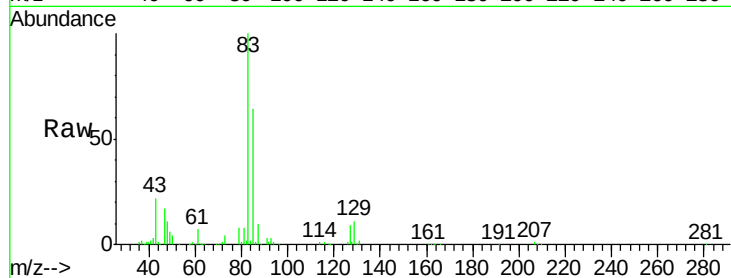
ClientSampleId :

VX0520WBS01

Tot Ion:	83	Resp:	75940
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.5	75.7
127	8.8	6.7	10.1

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#48

Methyl methacrylate

Concen: 15.912 ug/l

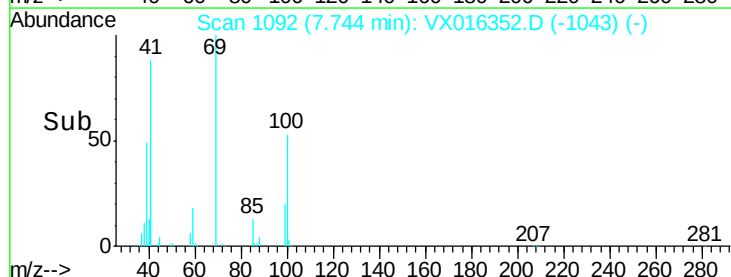
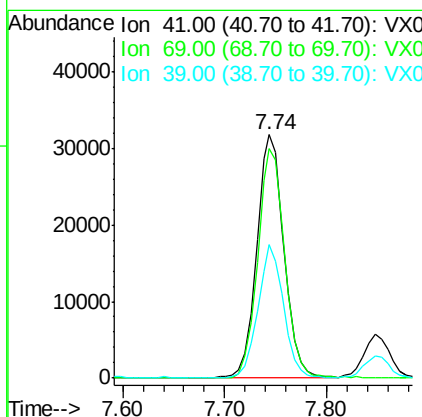
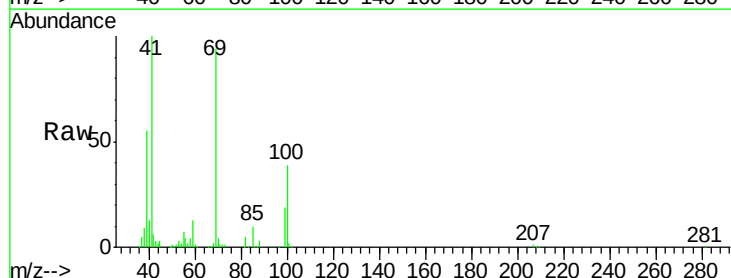
RT: 7.74 min Scan# 1092

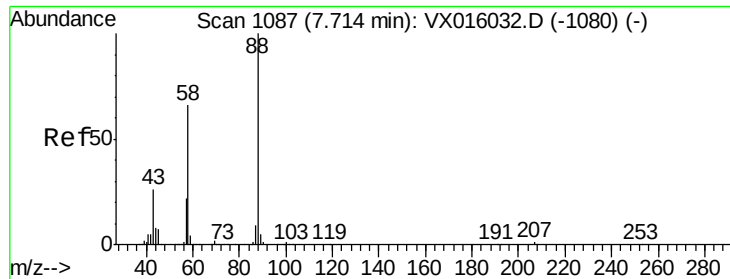
Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion:	41	Resp:	59208
Ion	Ratio	Lower	Upper
41	100		
69	93.0	67.8	101.6
39	51.7	44.6	67.0





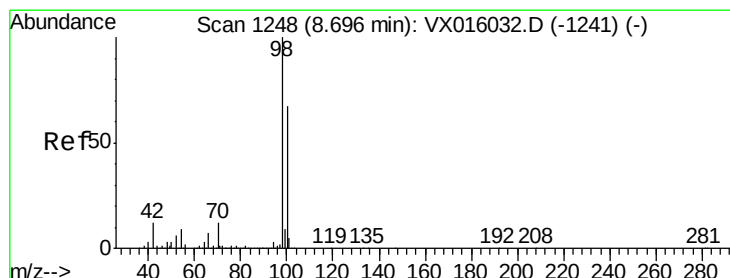
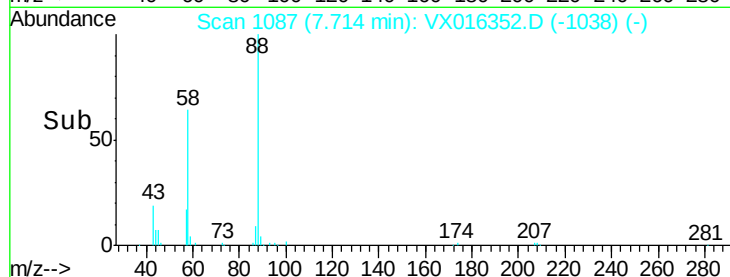
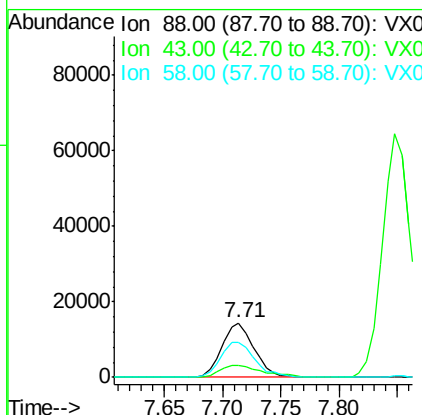
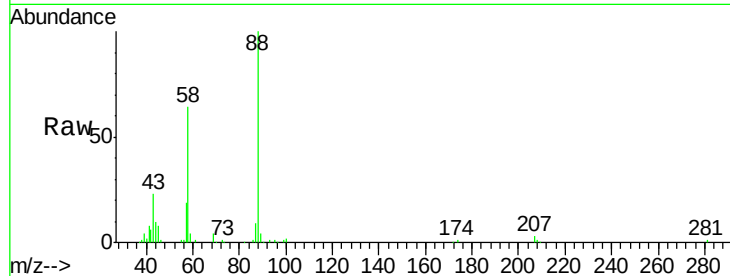
#49
1,4-Dioxane
Concen: 308.778 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	25.3	37.9
58	68.8	55.9	83.9

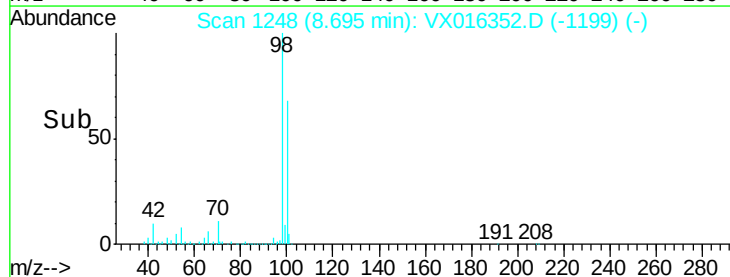
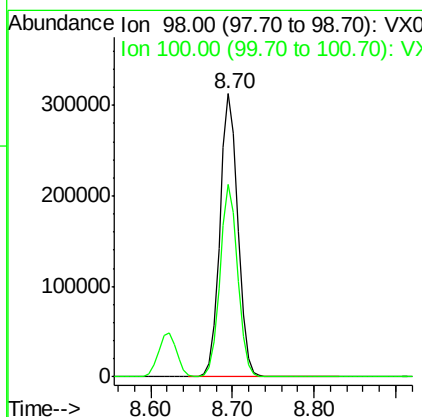
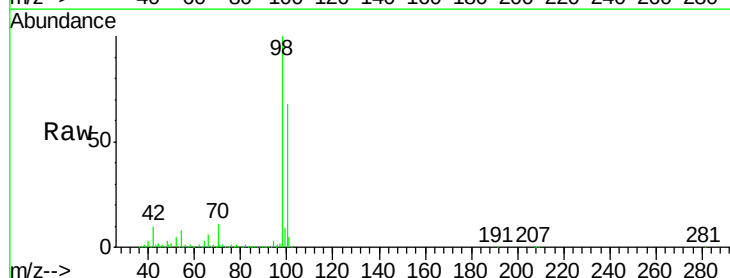
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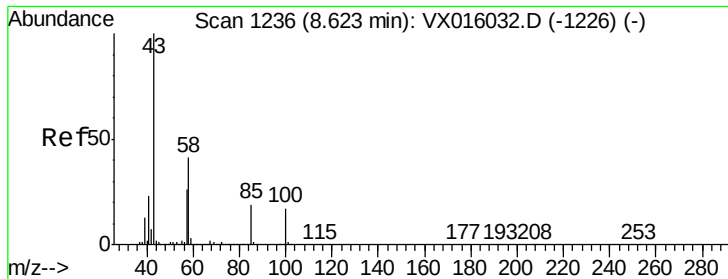
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#50
Toluene-d8
Concen: 45.611 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5





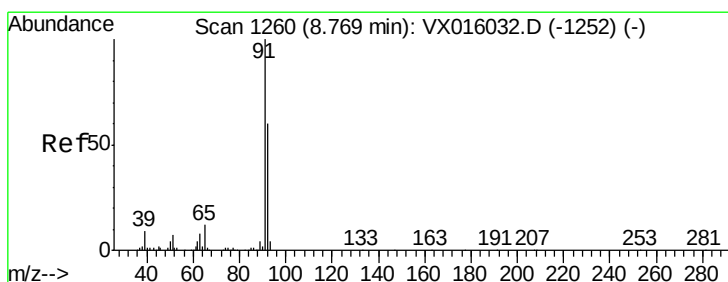
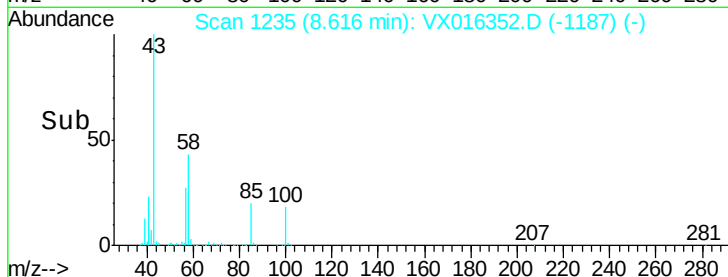
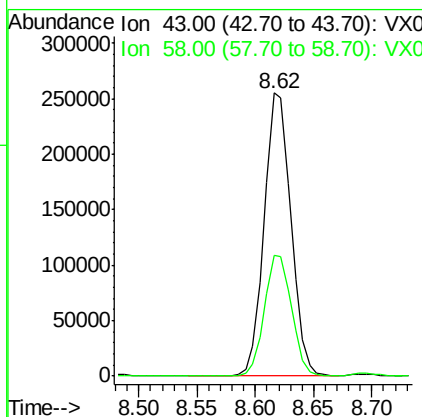
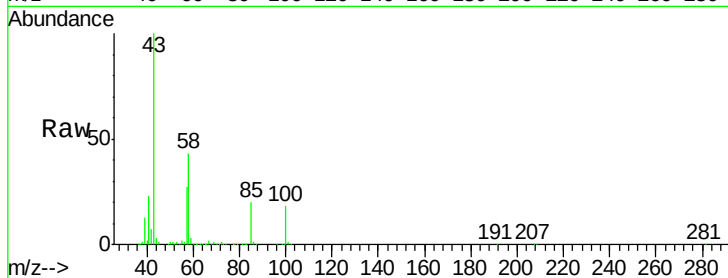
#51
4-Methyl-2-Pentanone
Concen: 84.280 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.2	33.0	49.4

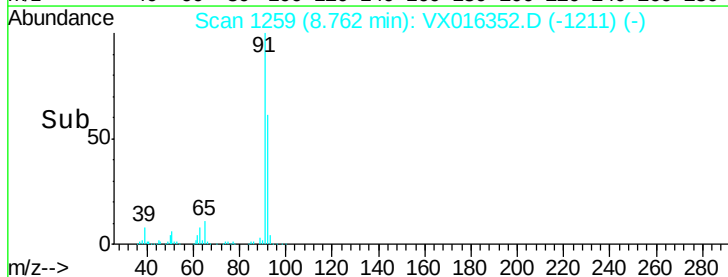
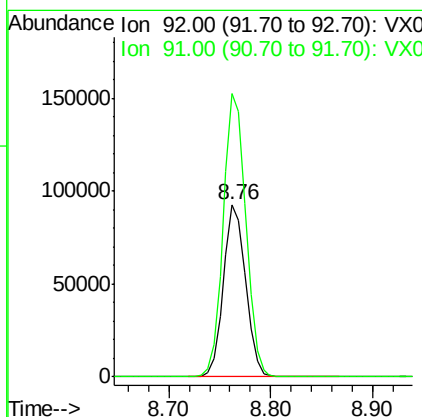
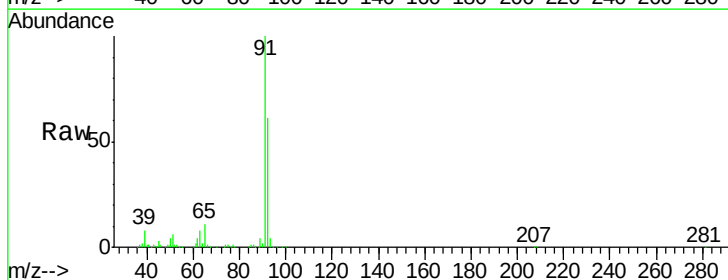
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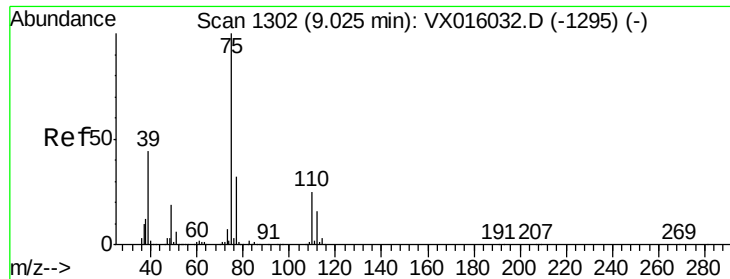
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#52
Toluene
Concen: 18.088 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.5	134.5	201.7





#53

t-1,3-Dichloropropene

Concen: 17.163 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBS01

Tot Ion: 75 Resp: 89044

Ion Ratio Lower Upper

75 100

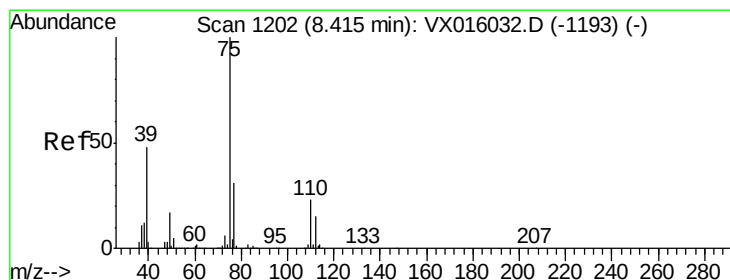
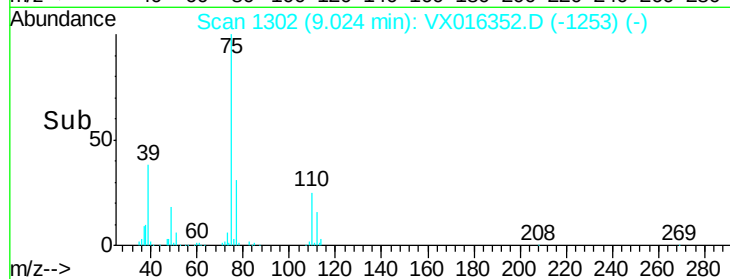
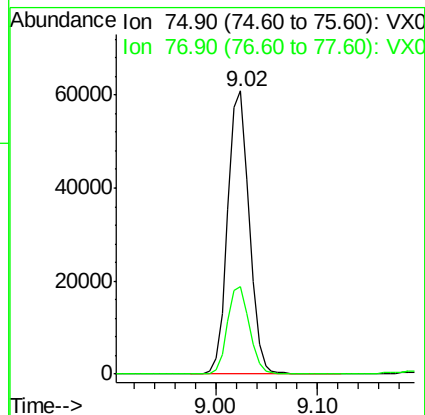
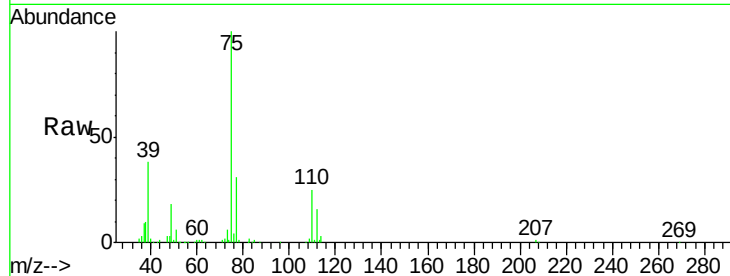
77 31.0 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 17.601 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

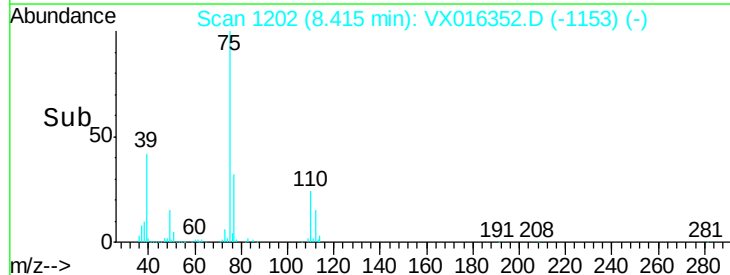
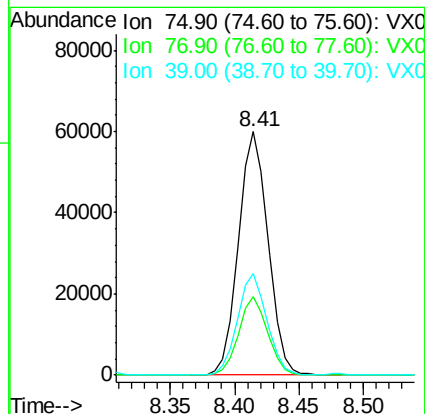
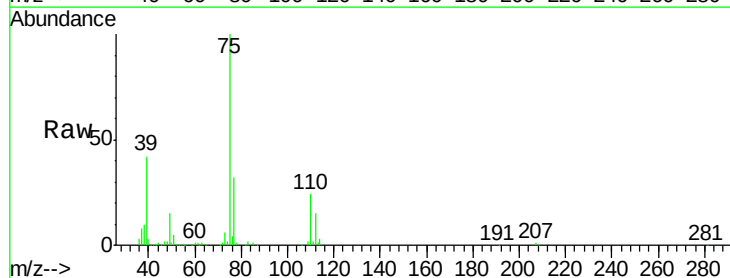
Tgt Ion: 75 Resp: 95380

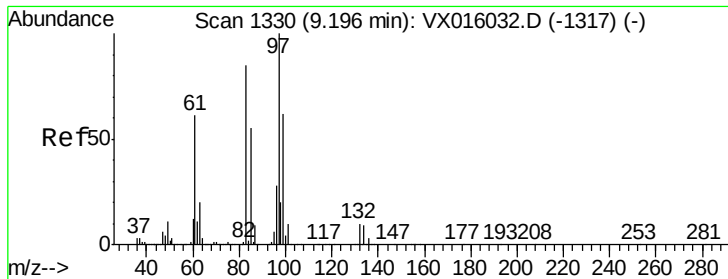
Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1

39 41.6 38.7 58.1





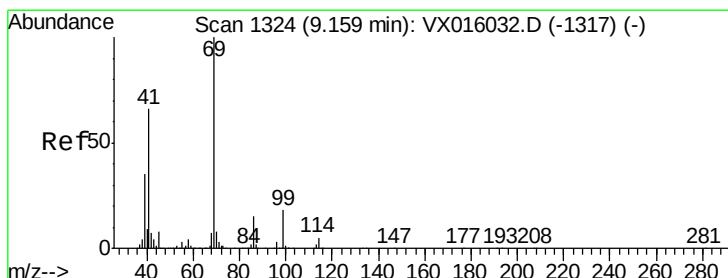
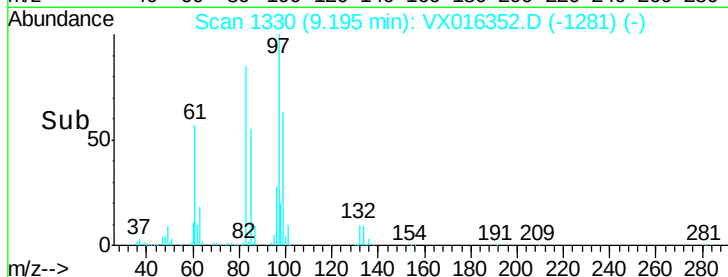
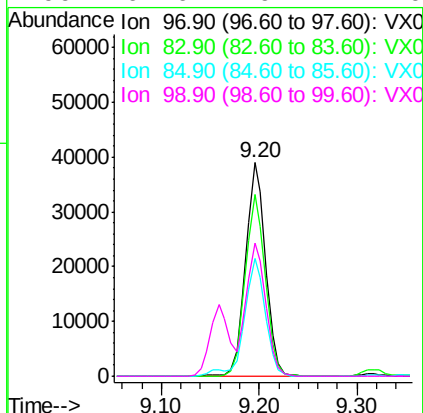
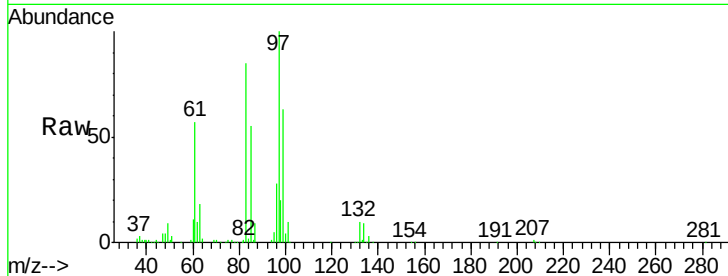
#55
 1,1,2-Trichloroethane
 Concen: 18.148 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS01

Tot Ion:	97	Resp:	55297
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.8	101.8
85	55.2	43.8	65.8
99	62.6	49.4	74.0

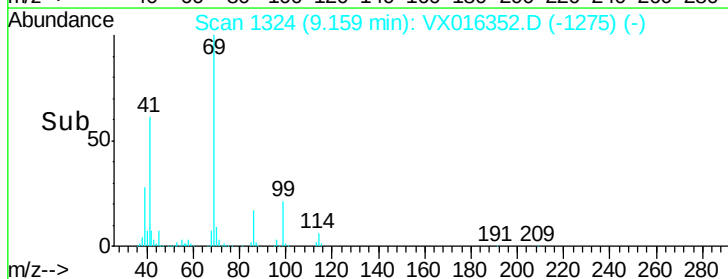
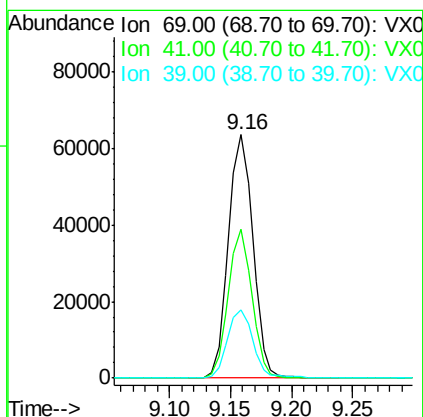
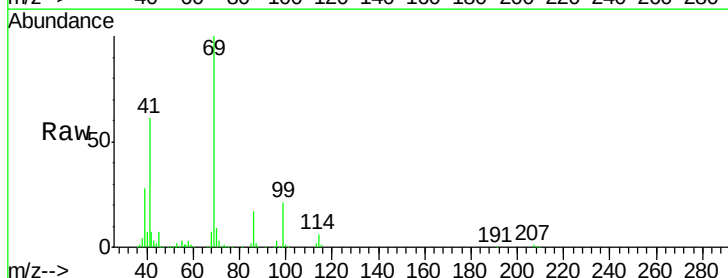
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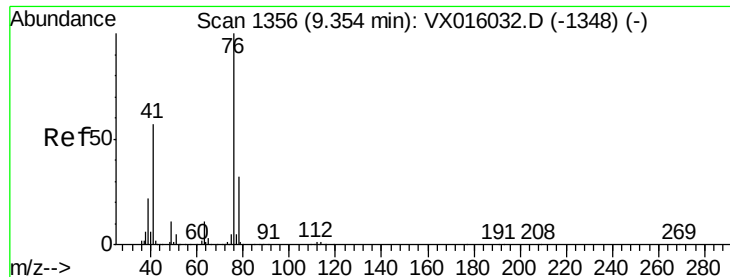
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#56
 Ethyl methacrylate
 Concen: 17.765 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion:	69	Resp:	88358
Ion	Ratio	Lower	Upper
69	100		
41	59.5	52.2	78.4
39	29.1	28.2	42.4





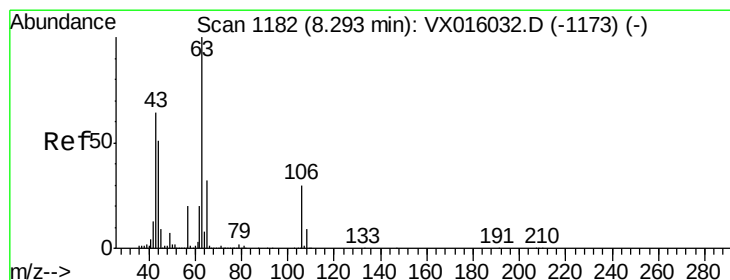
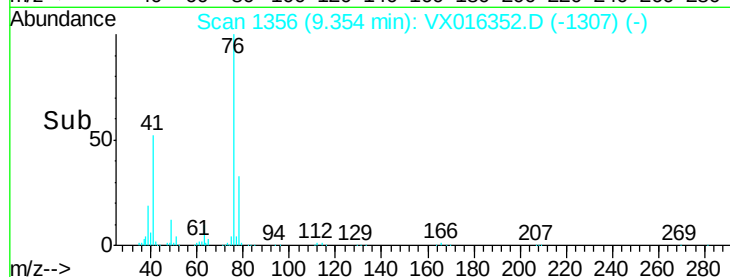
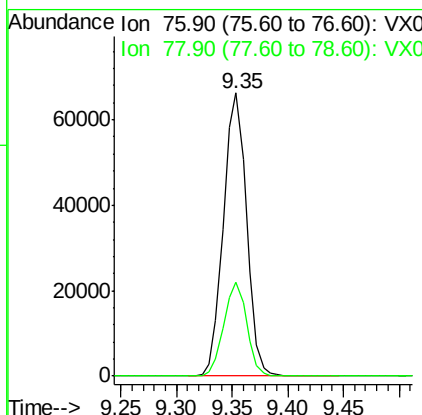
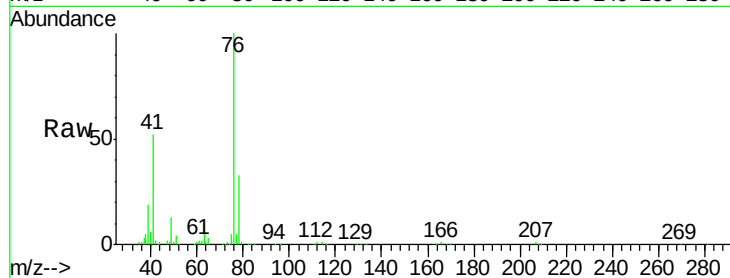
#57
 1,3-Dichloropropane
 Concen: 17.991 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.9	38.9

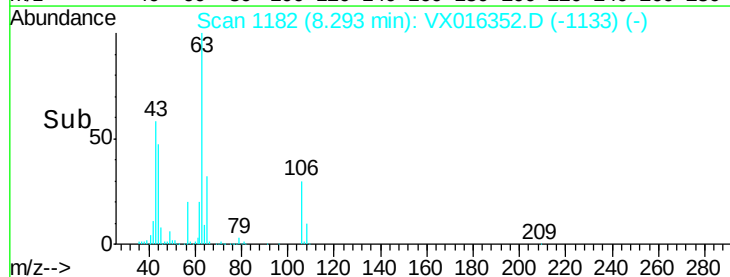
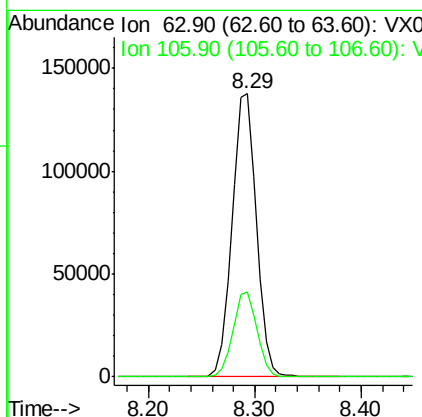
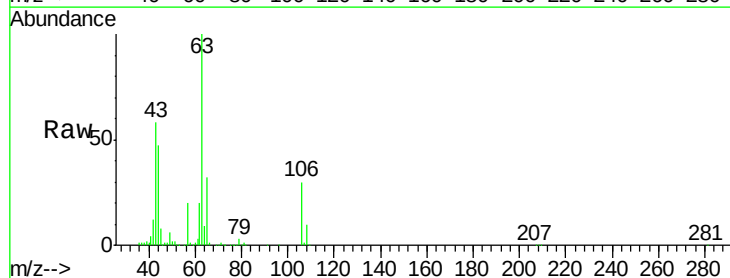
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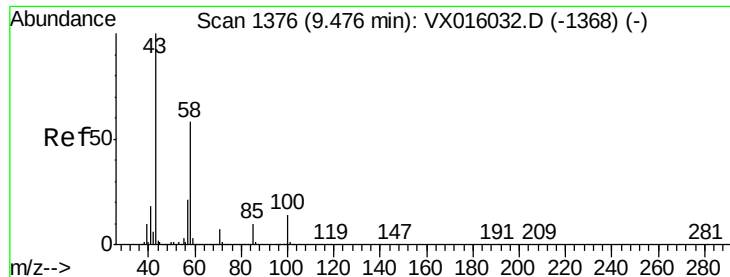
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#58
 2-Chloroethyl Vinyl ether
 Concen: 83.491 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.4	35.2





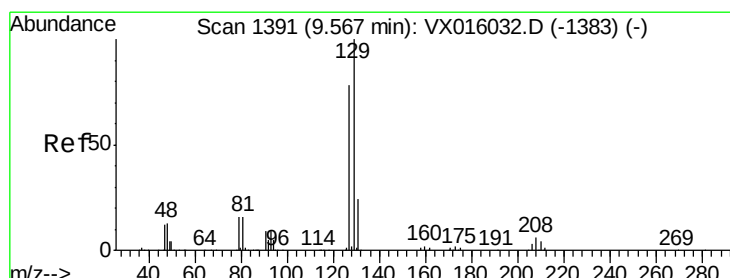
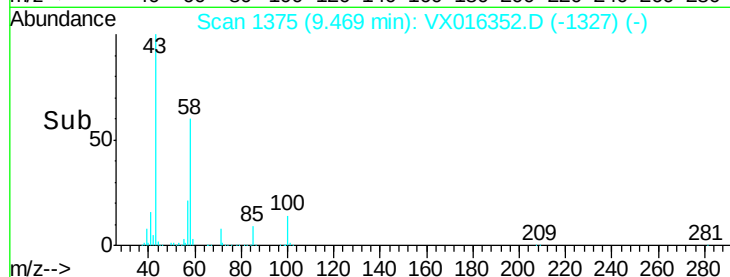
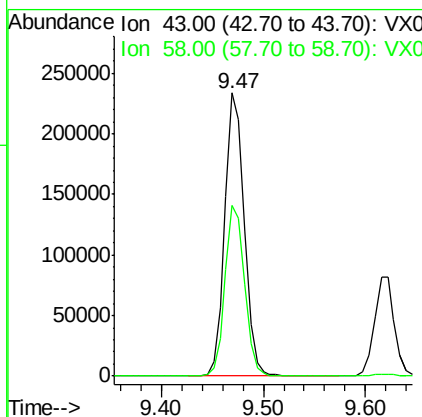
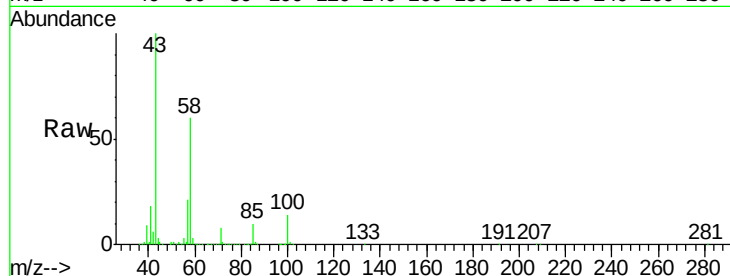
#59
2-Hexanone
Concen: 82.173 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.5	28.6	85.9

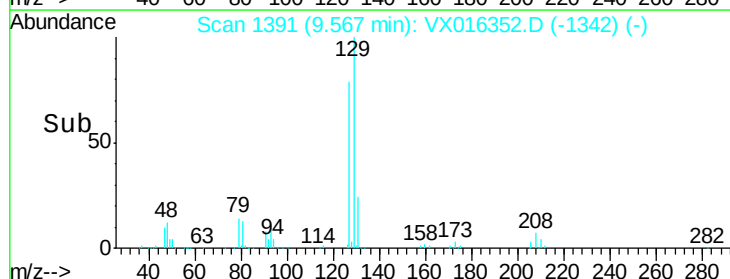
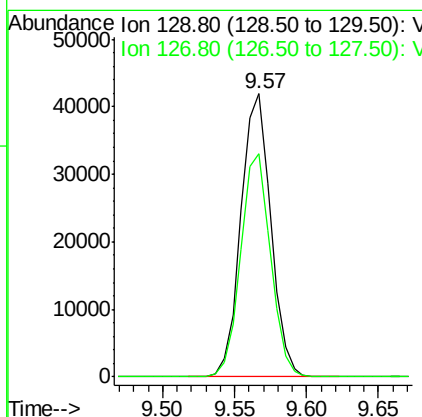
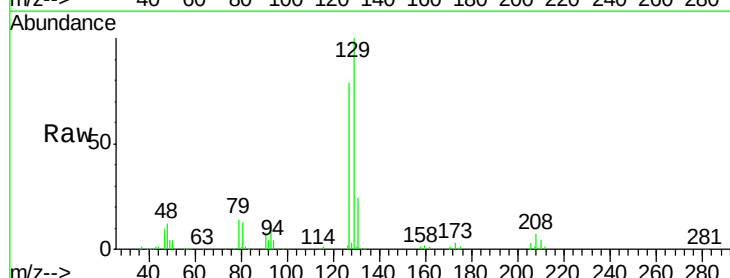
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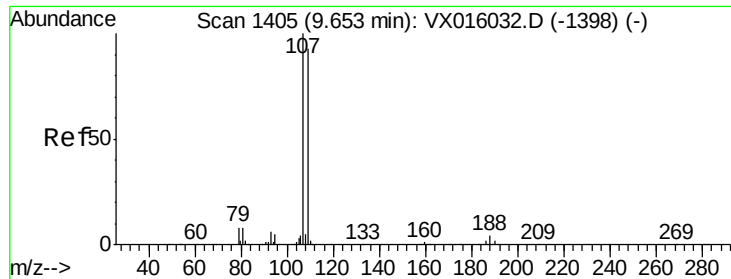
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#60
Dibromochloromethane
Concen: 17.955 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.4	115.2





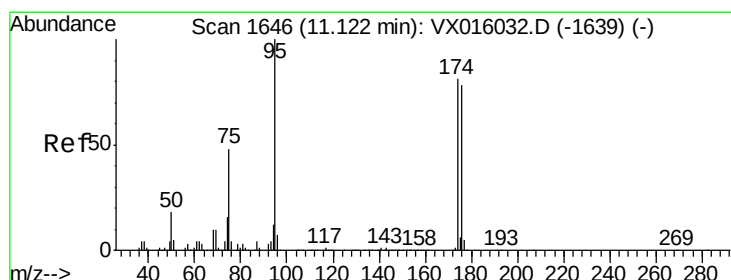
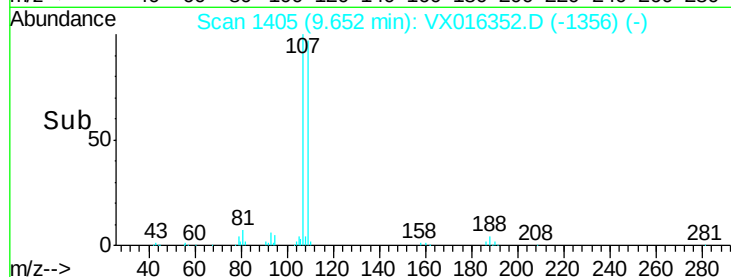
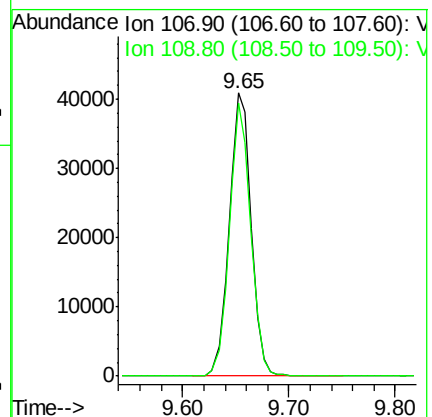
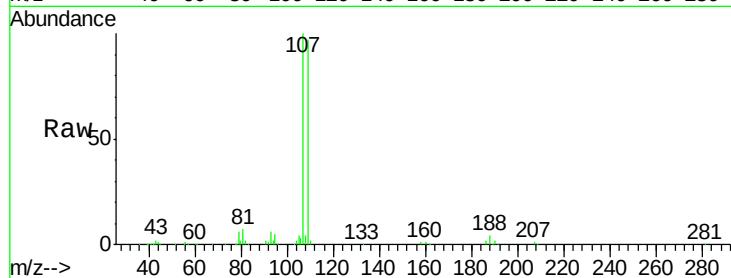
#61
 1,2-Dibromoethane
 Concen: 17.793 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.9	112.3

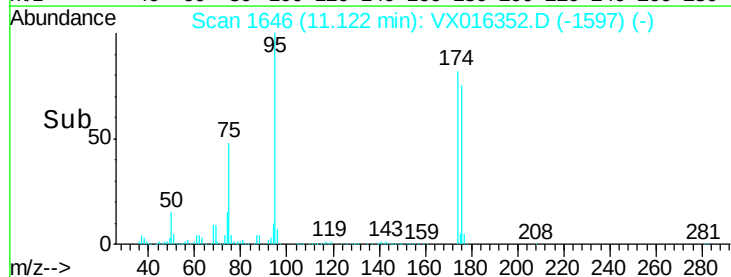
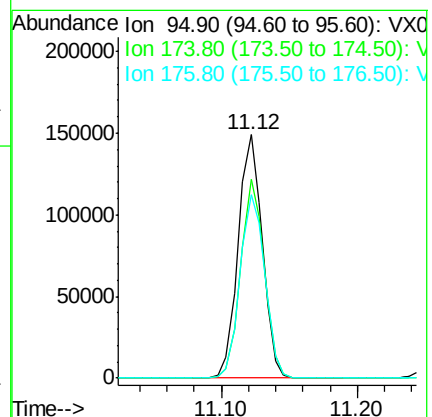
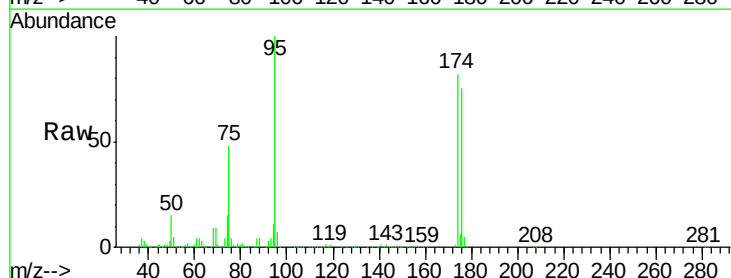
Manual Integrations
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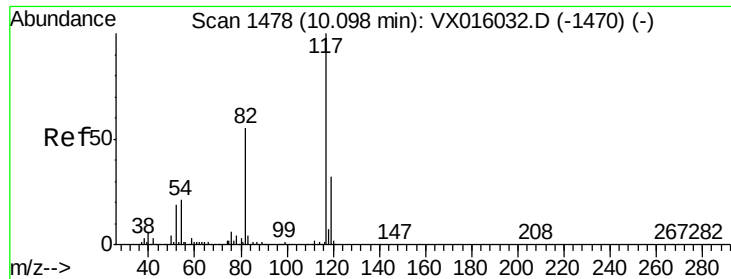
MMDadoda
 5/21/2020 1:15:18 PM



#62
 4-Bromofluorobenzene
 Concen: 45.790 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	159.4
176	77.5	0.0	157.6





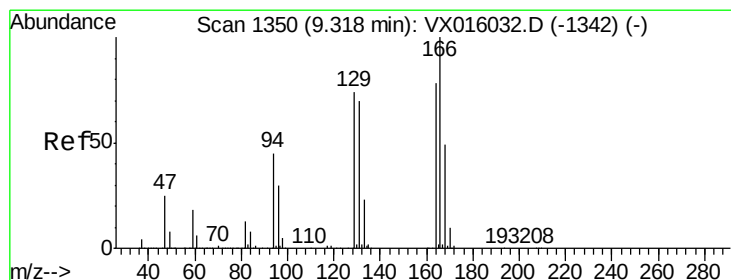
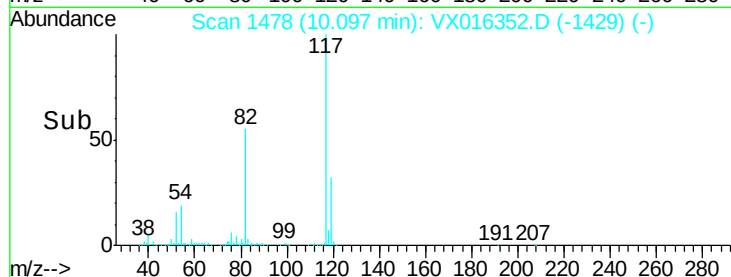
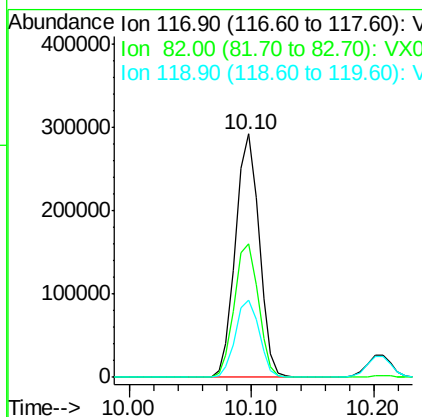
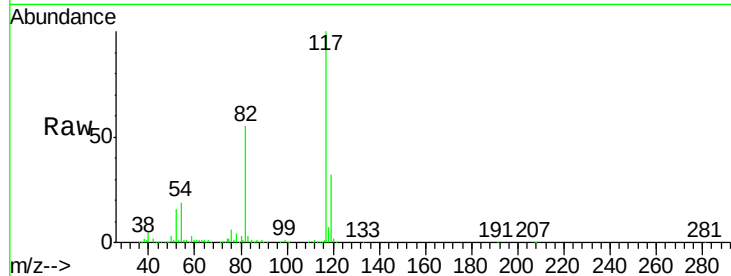
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

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

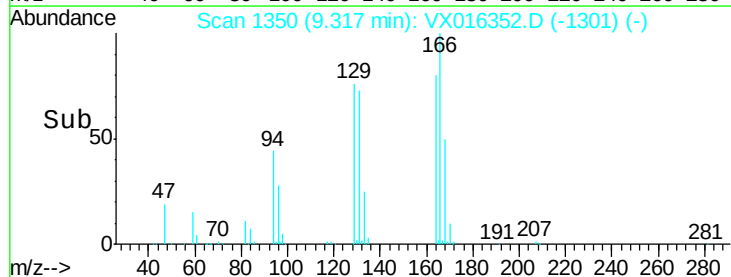
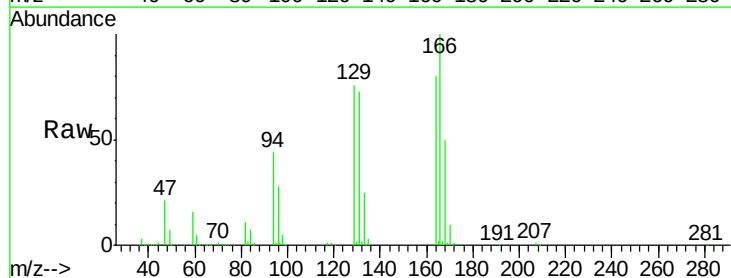
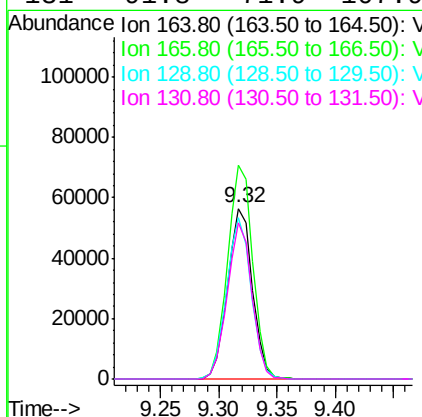
Manual Integrations
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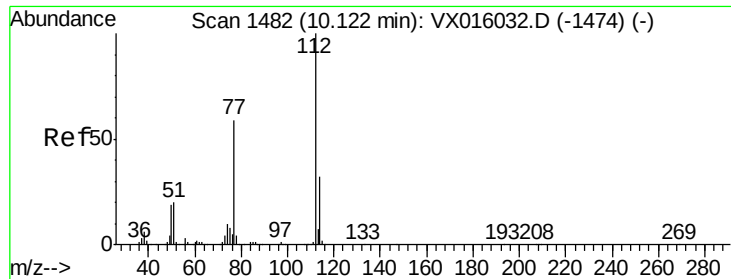
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#64
Tetrachloroethene
Concen: 17.495 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	125.1	102.9	154.3
129	94.8	76.1	114.1
131	91.8	71.9	107.9





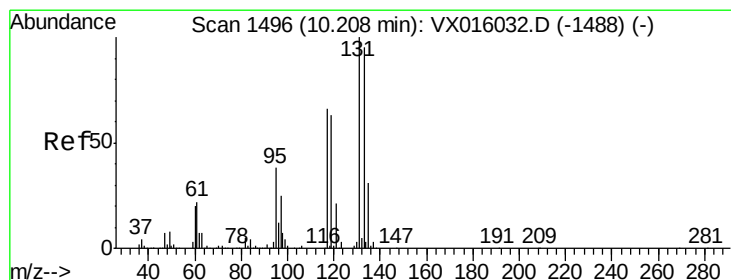
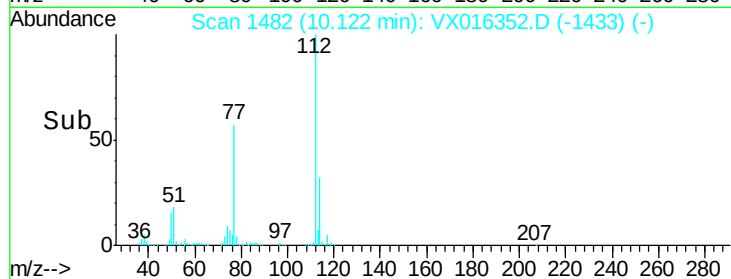
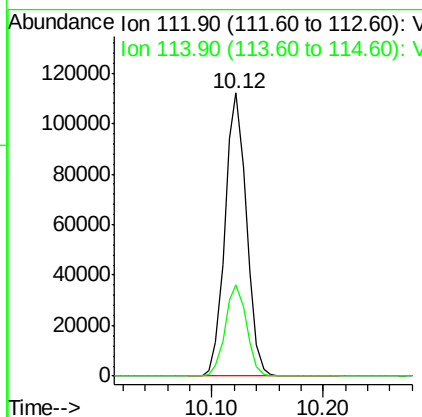
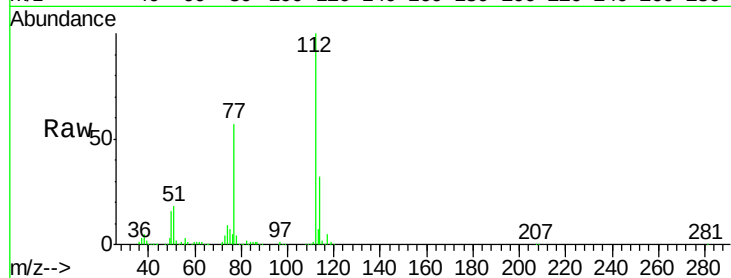
#65
Chlorobenzene
Concen: 18.249 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion:112 Resp: 149032
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

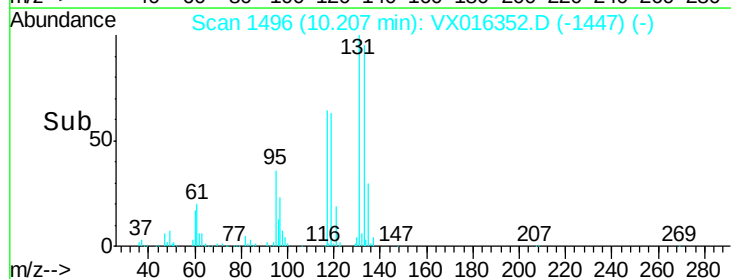
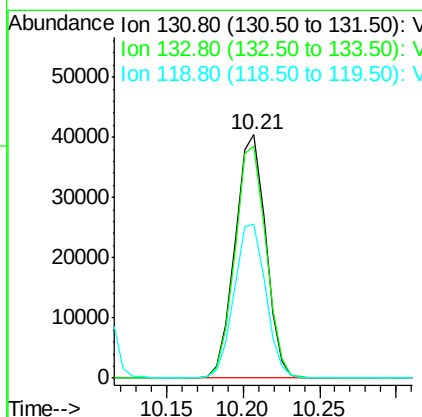
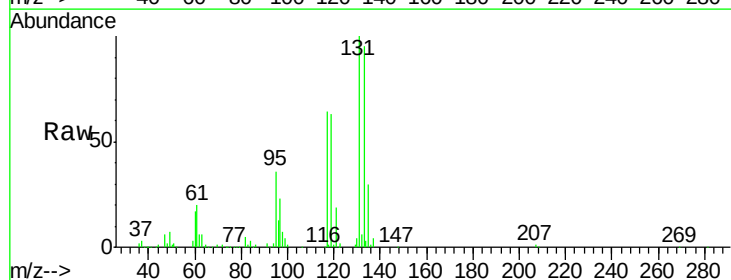
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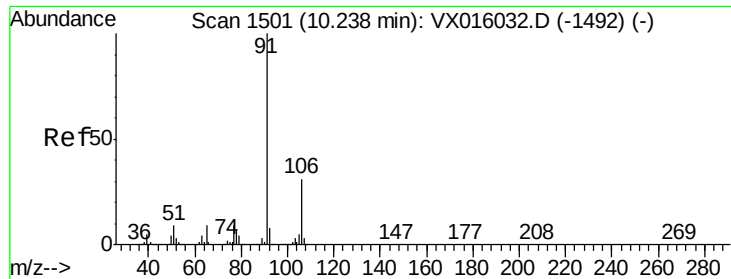
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.690 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion:131 Resp: 56416
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.8
119 65.1 32.3 96.9





#67

Ethyl Benzene

Concen: 17.941 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBS01

Tot Ion: 91 Resp: 261423

Ion Ratio Lower Upper

91 100

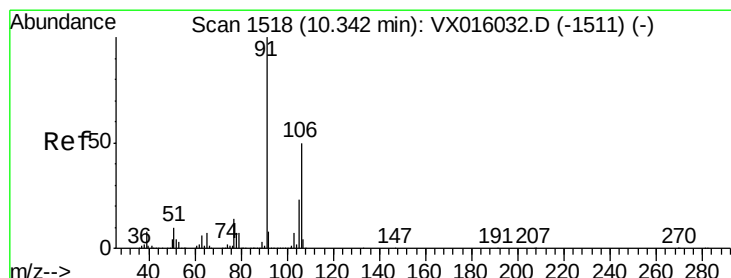
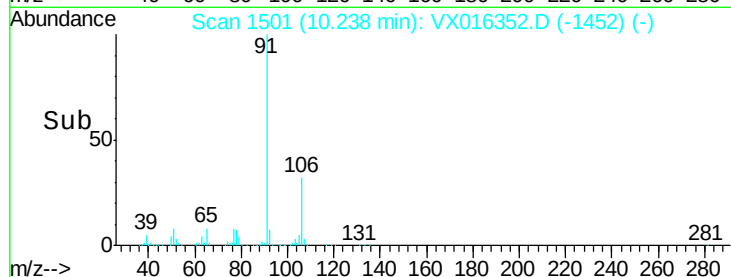
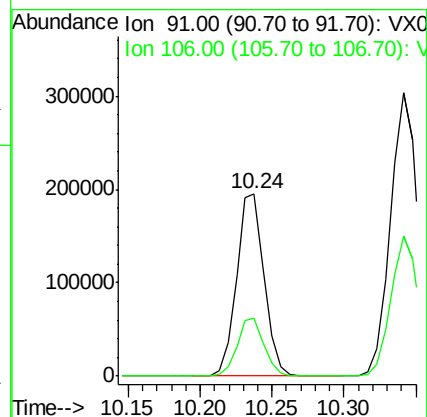
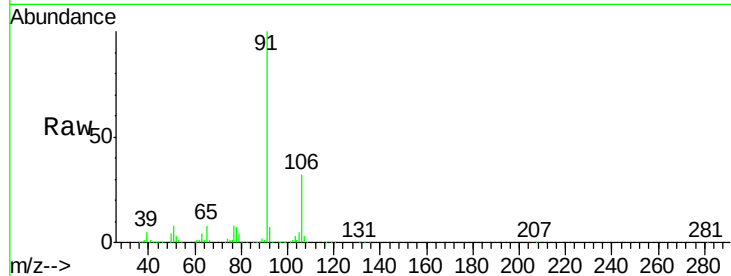
106 31.5 25.1 37.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 36.317 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016352.D

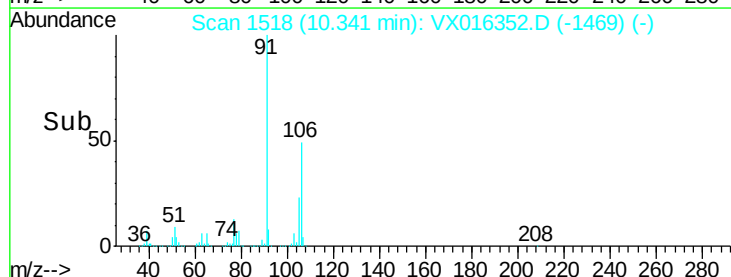
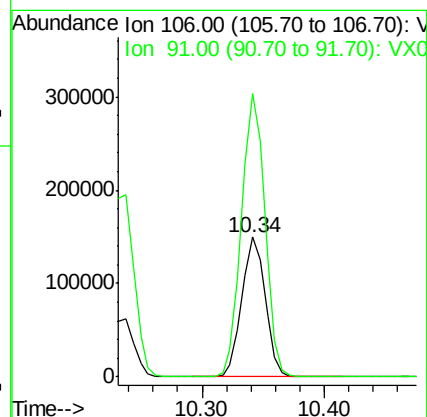
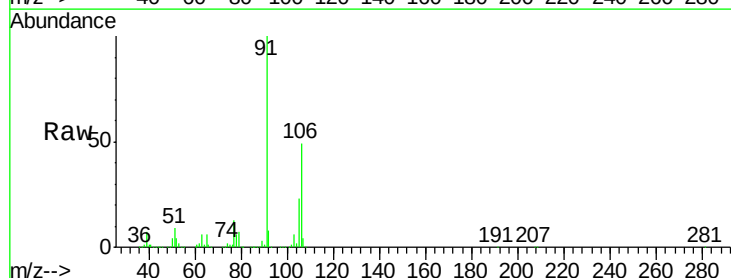
Acq: 20 May 2020 11:52

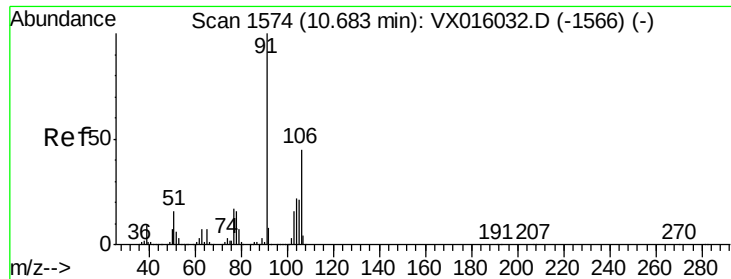
Tgt Ion: 106 Resp: 198268

Ion Ratio Lower Upper

106 100

91 202.1 161.7 242.5





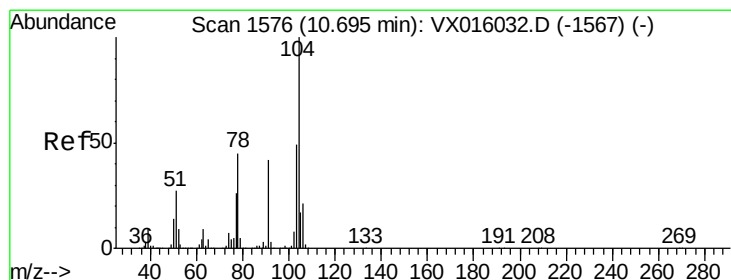
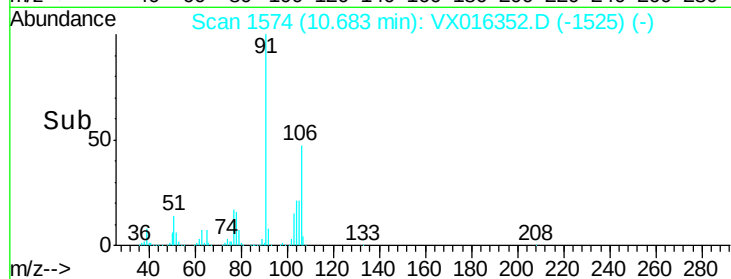
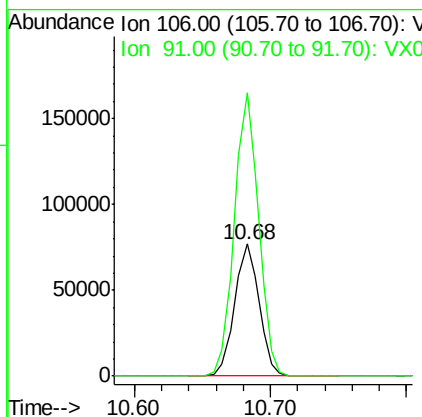
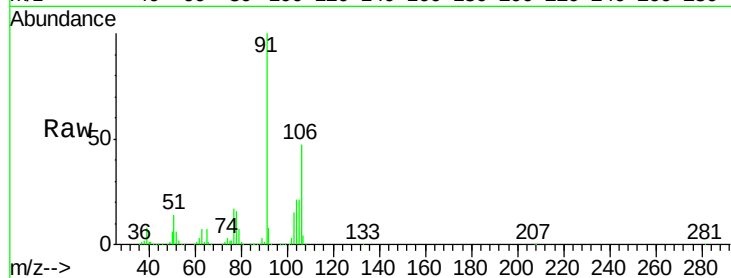
#69
o-Xylene
Concen: 18.318 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.2	107.5	322.6	

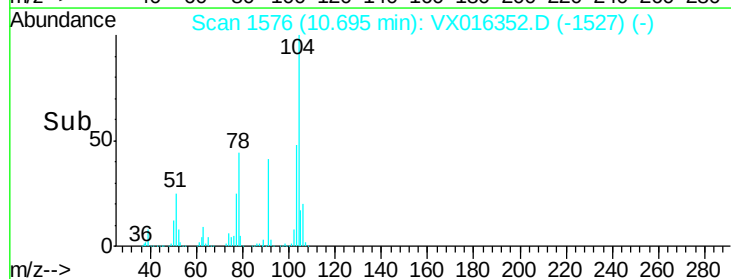
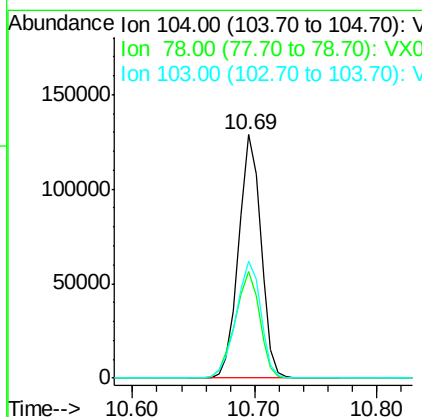
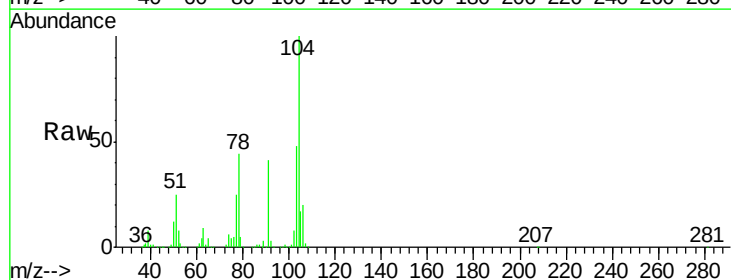
Manual Integrations
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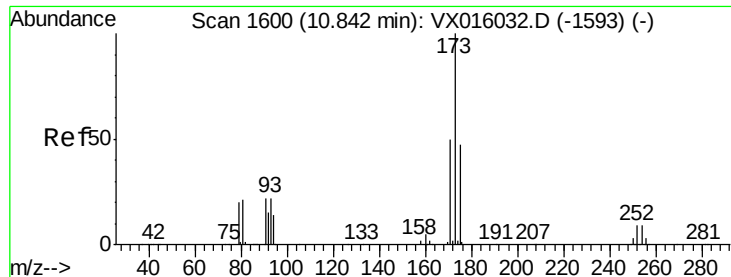
MMDadoda
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#70
Styrene
Concen: 18.241 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.7	40.2	60.2	
103	53.2	43.0	64.6	





#71

Bromoform

Concen: 18.536 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

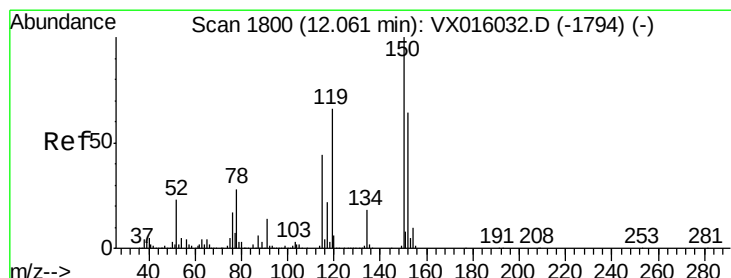
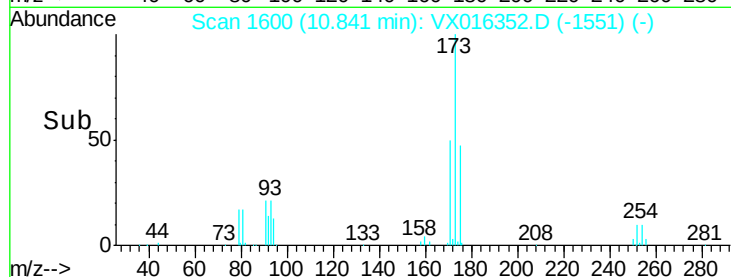
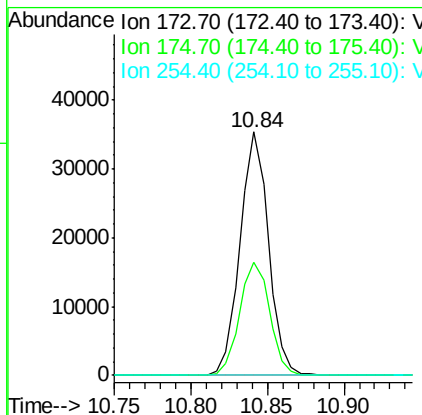
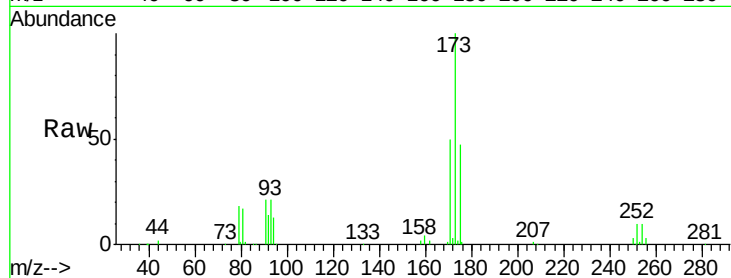
ClientSampleId :

VX0520WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.0	72.0
254	0.0	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

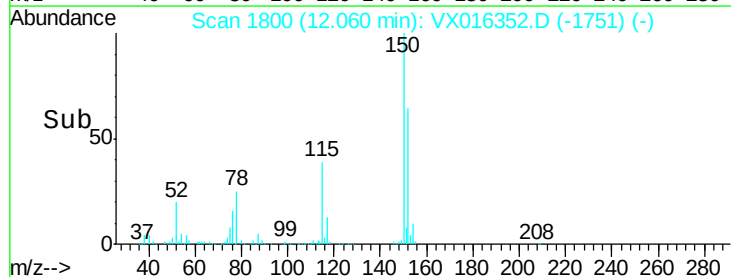
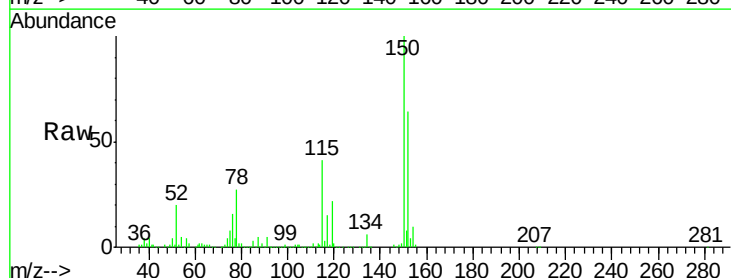
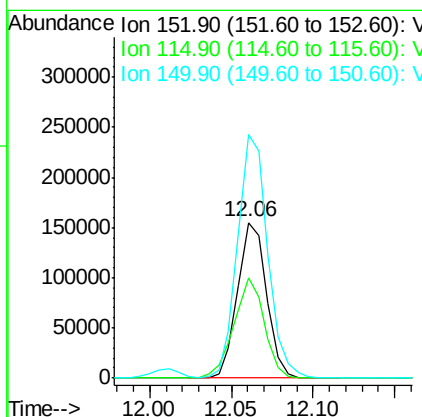
RT: 12.06 min Scan# 1800

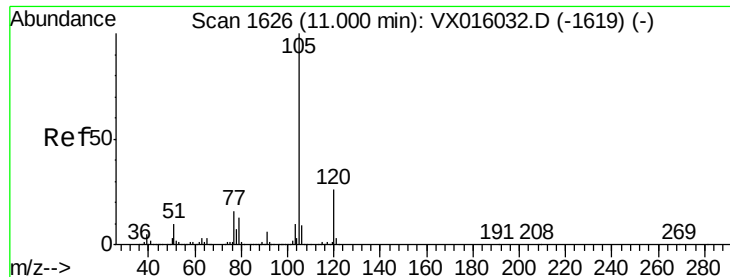
Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.5	41.3	124.1
150	163.3	0.0	352.2





#73

Isopropylbenzene

Concen: 18.063 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBS01

Tot Ion:105 Resp: 252604

Ion Ratio Lower Upper

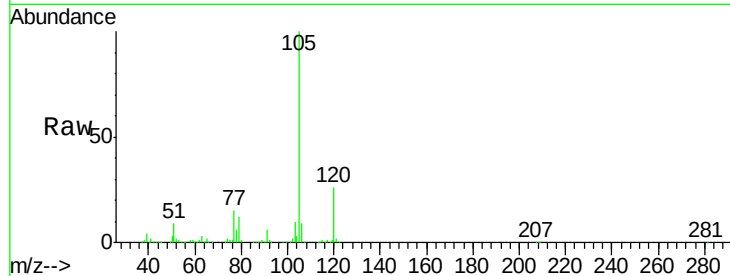
105 100

120 26.7 13.4 40.2

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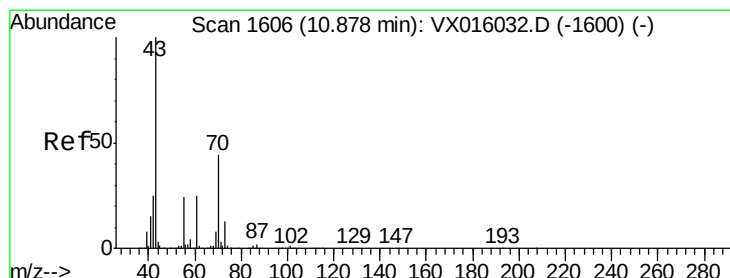
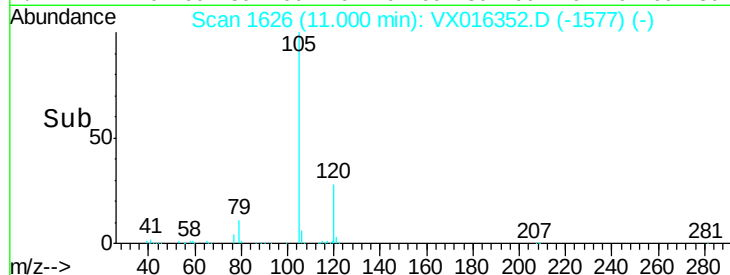
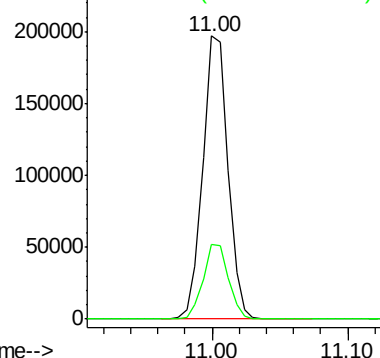
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.399 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion: 43 Resp: 106967

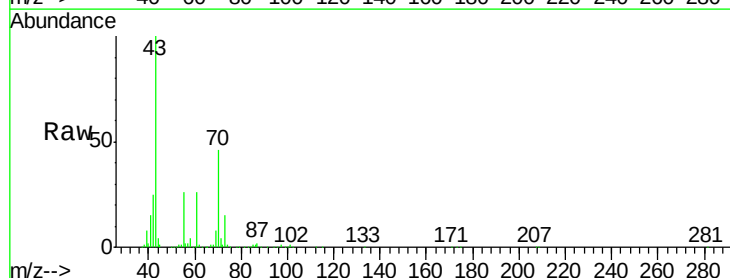
Ion Ratio Lower Upper

43 100

70 49.1 36.5 54.7

55 26.2 19.7 29.5

61 26.7 20.9 31.3

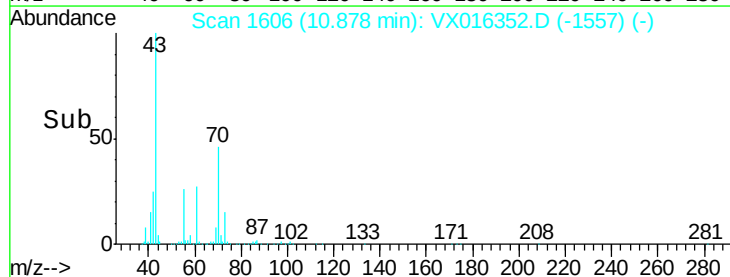
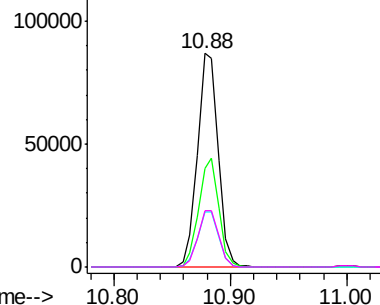


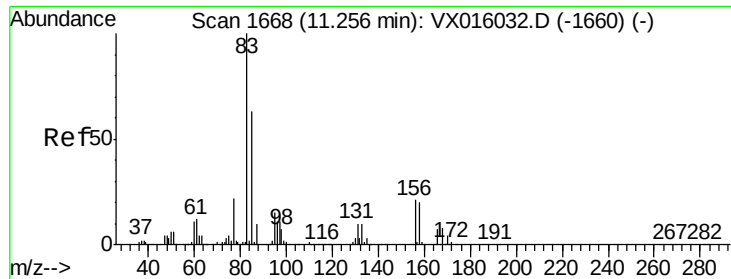
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.334 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

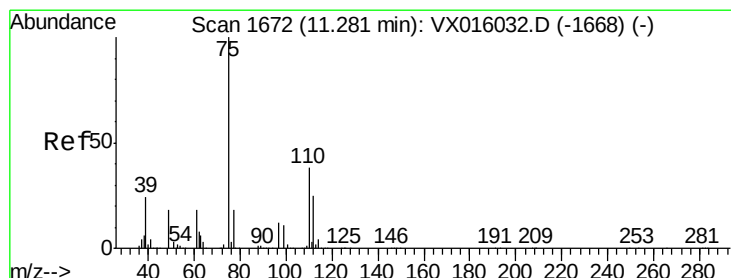
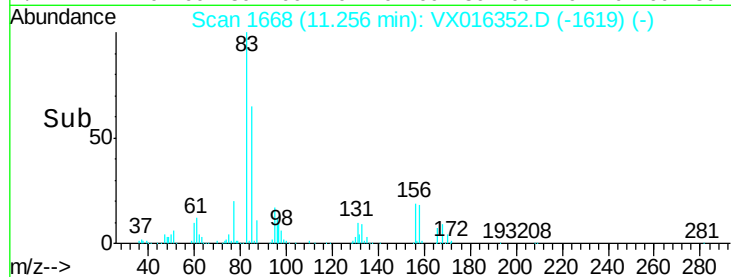
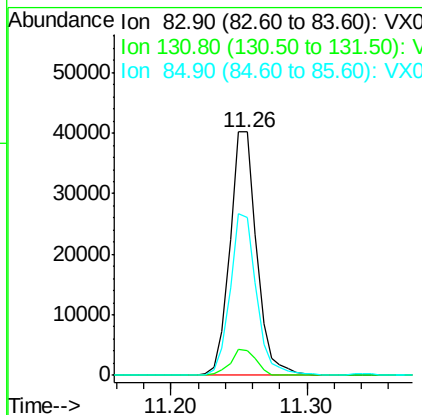
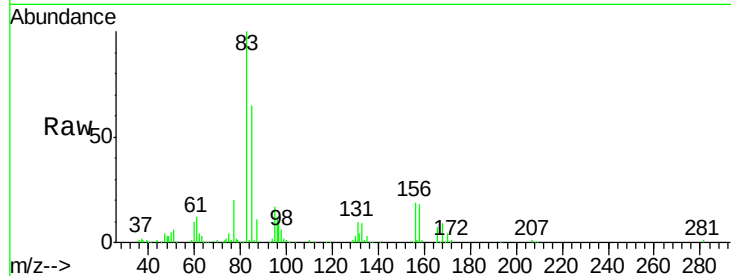
ClientSampleId :

VX0520WBS01

Tot Ion:	83	Resp:	55036
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	65.6	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.442 ug/l m

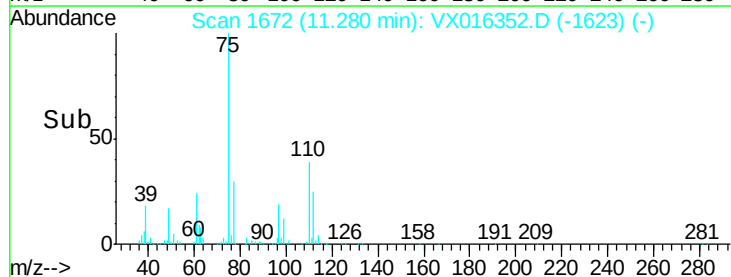
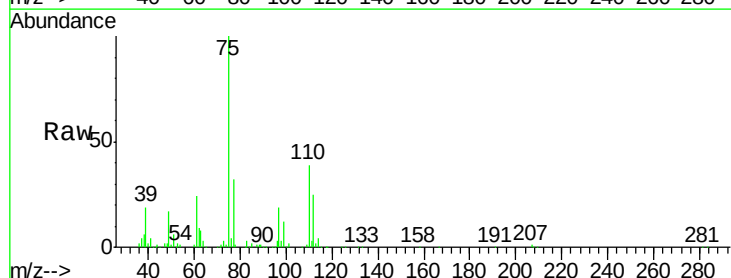
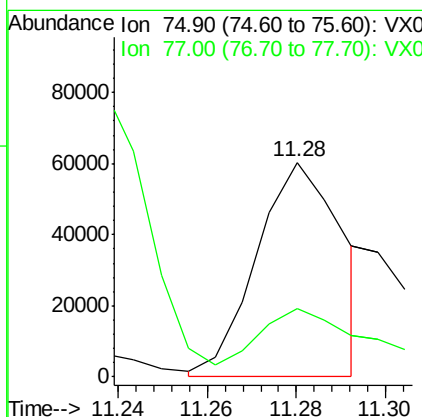
RT: 11.28 min Scan# 1672

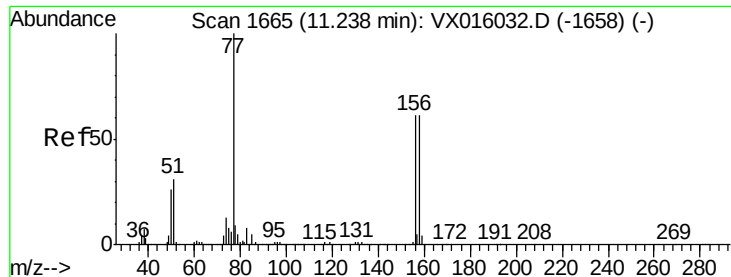
Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion:	75	Resp:	80461
Ion Ratio	Lower	Upper	
75	100		
77	41.5	21.2	63.6





#77

Bromobenzene

Concen: 17.660 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

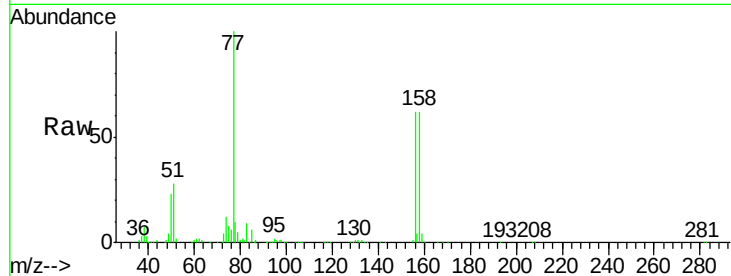
ClientSampleId :

VX0520WBS01

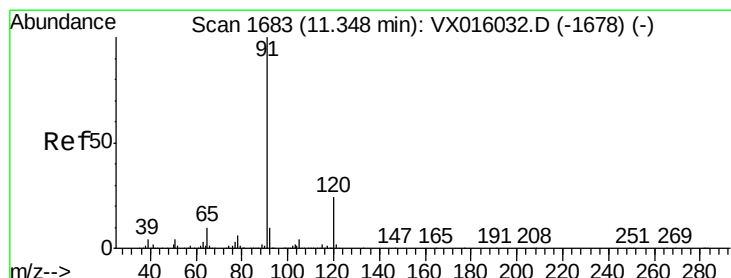
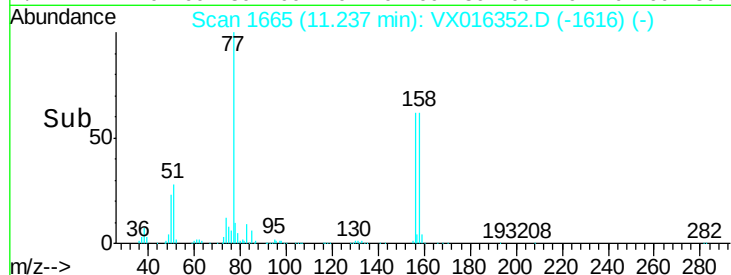
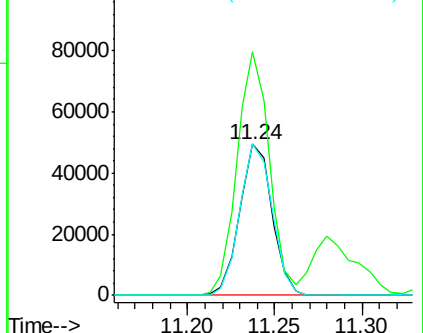
Tot Ion:	156	Resp:	63744
Ion	Ratio	Lower	Upper
156	100		
77	160.7	80.1	240.3
158	99.9	49.4	148.2

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.202 ug/l

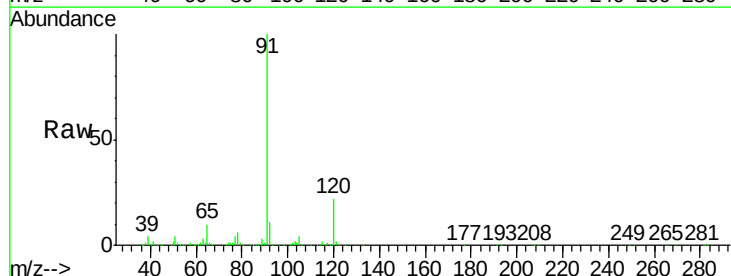
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

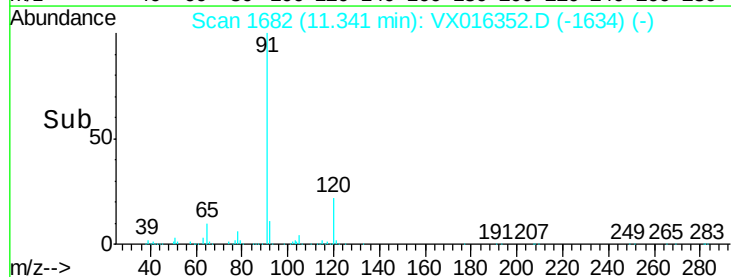
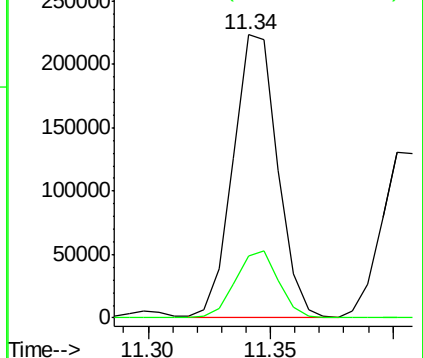
Lab File: VX016352.D

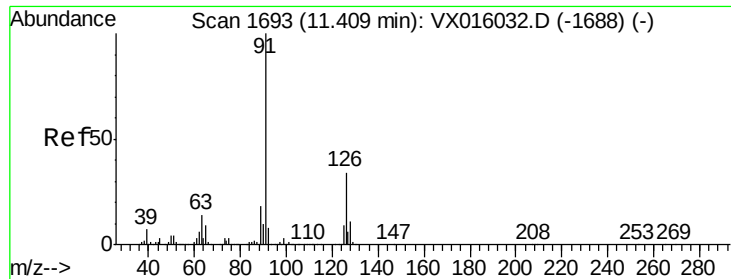
Acq: 20 May 2020 11:52

Tgt Ion:	91	Resp:	279858
Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.804 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBS01

Tot Ion: 91 Resp: 170967

Ion Ratio Lower Upper

91 100

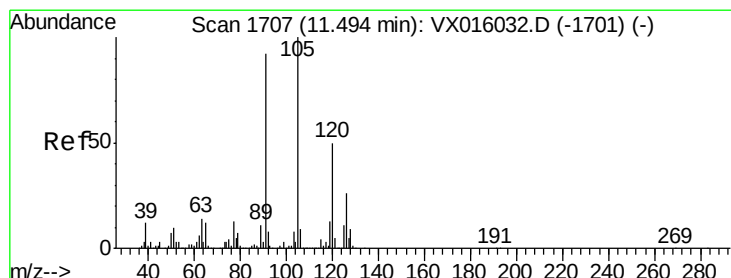
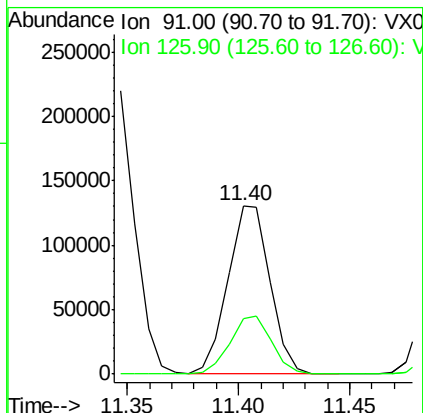
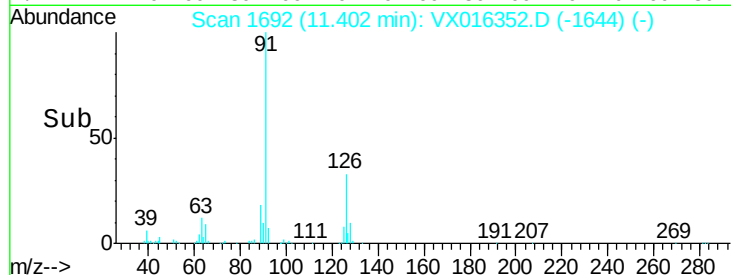
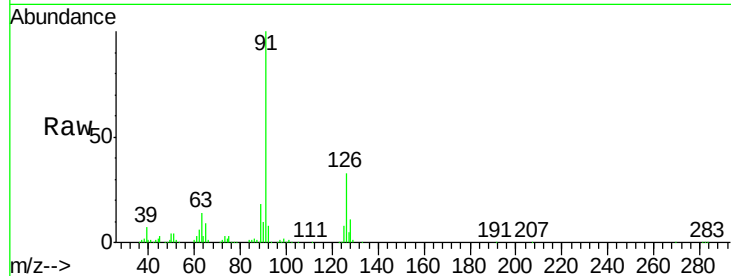
126 34.0 16.9 50.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 17.590 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016352.D

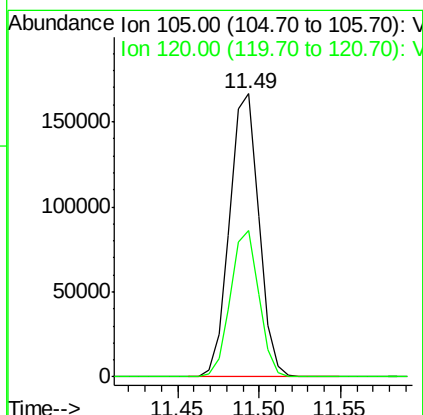
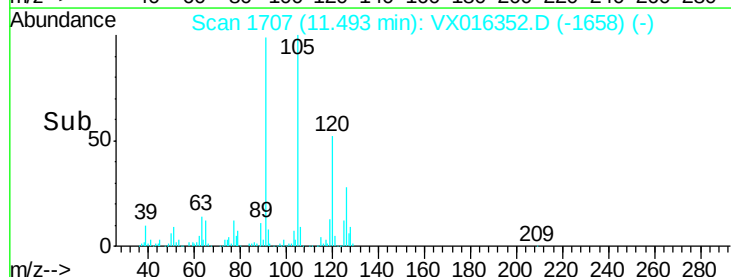
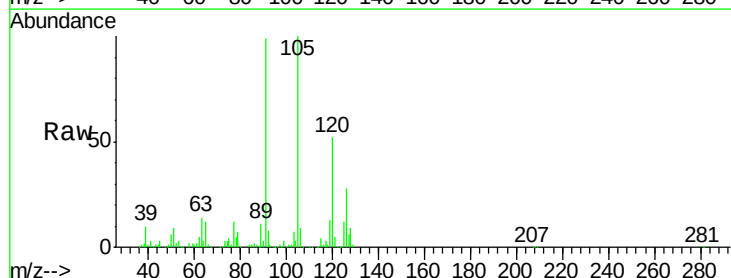
Acq: 20 May 2020 11:52

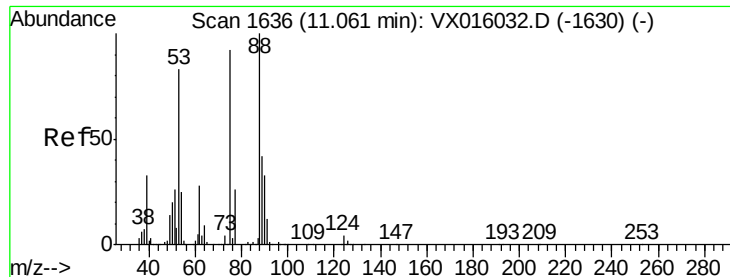
Tgt Ion: 105 Resp: 207690

Ion Ratio Lower Upper

105 100

120 50.4 24.6 74.0





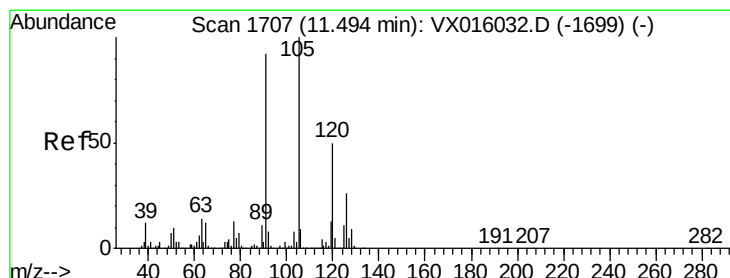
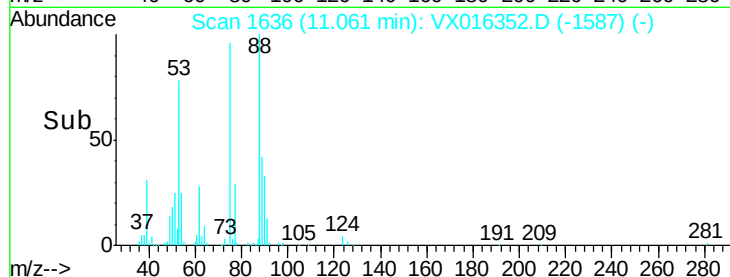
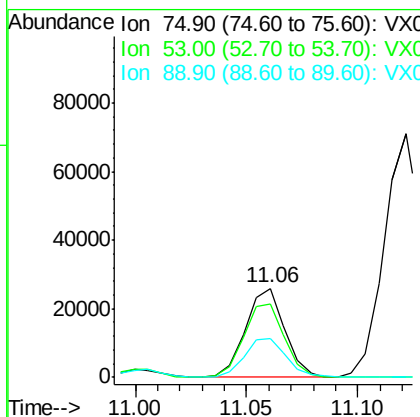
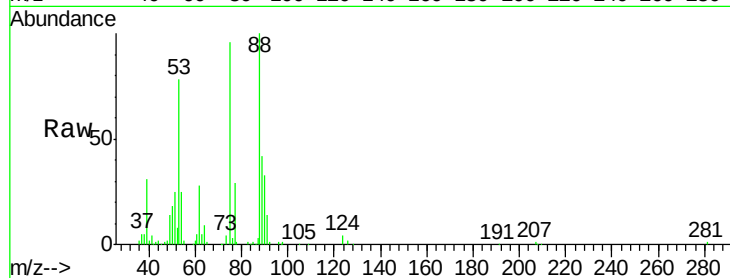
#81
trans-1,4-Dichloro-2-butene
Concen: 17.258 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.2	73.1	109.7
89	47.8	36.7	55.1

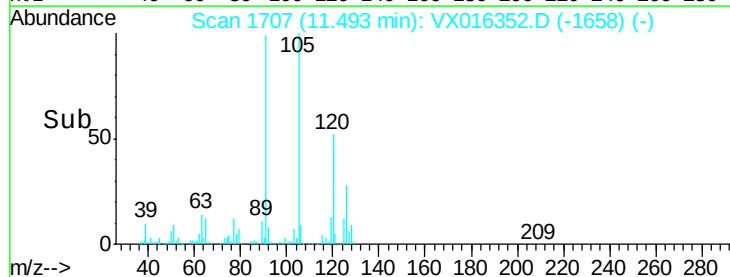
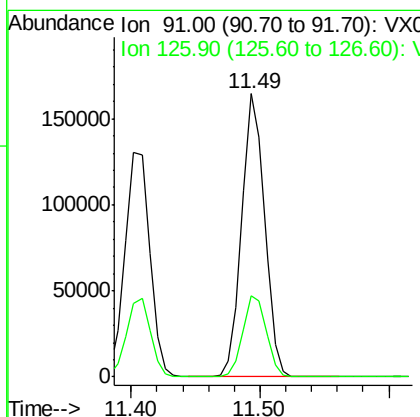
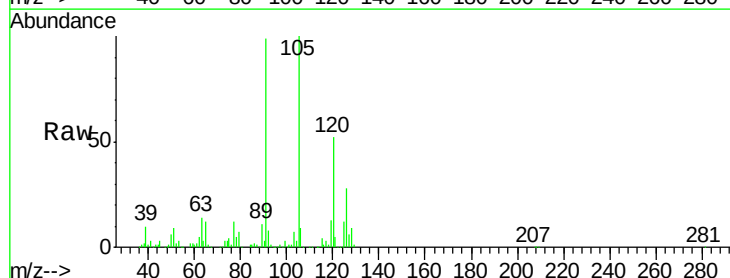
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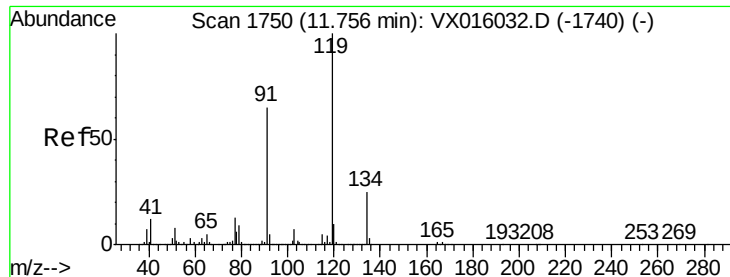
MMDadoda
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#82
4-Chlorotoluene
Concen: 17.917 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.8	44.3





#83

tert-Butylbenzene

Concen: 17.375 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

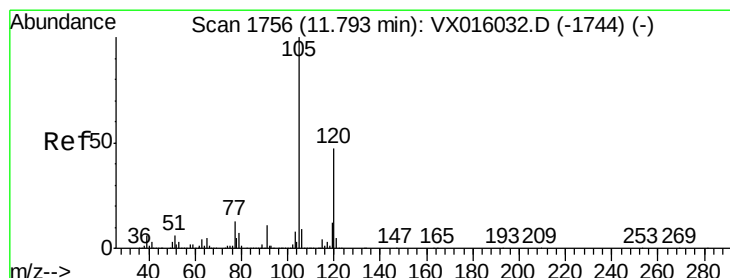
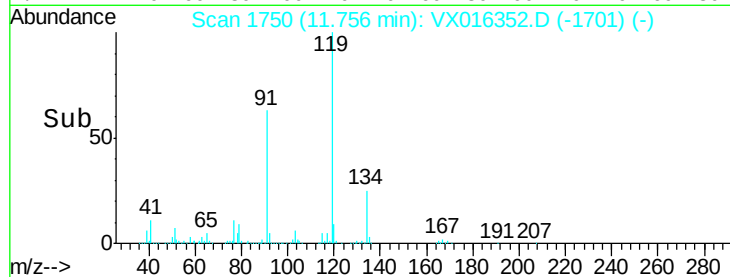
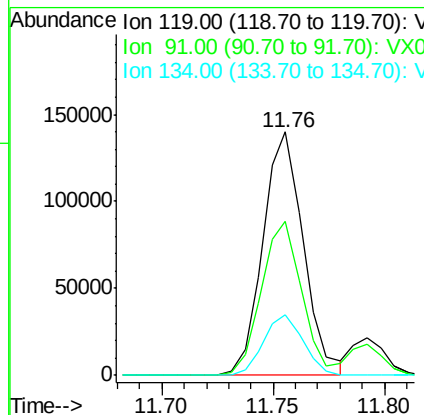
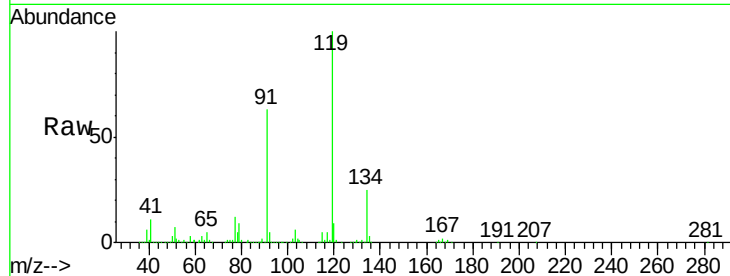
ClientSampleId :

VX0520WBS01

Tot Ion:	119	Resp:	176800
Ion Ratio	Lower	Upper	
119	100		
91	62.8	32.8	98.4
134	24.3	12.4	37.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 17.668 ug/l

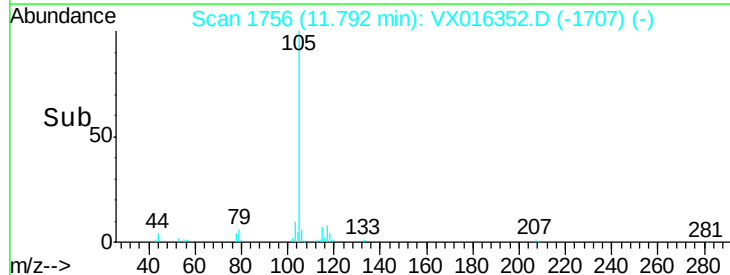
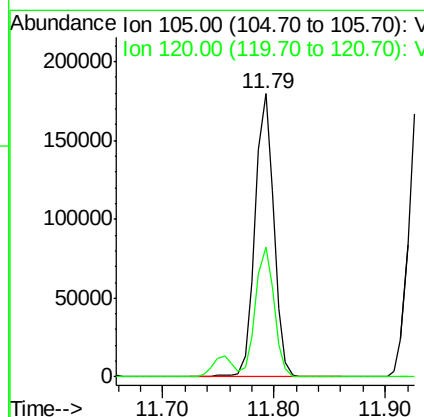
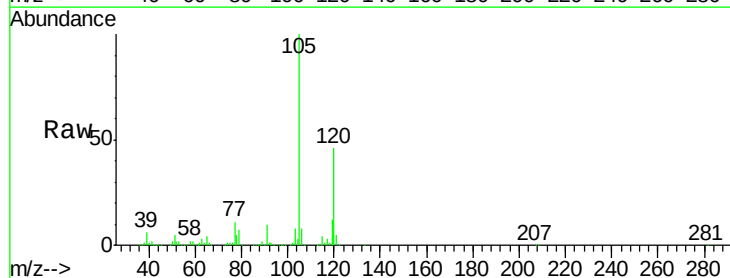
RT: 11.79 min Scan# 1756

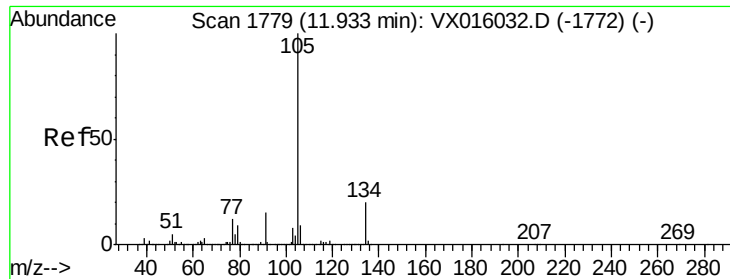
Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion:	105	Resp:	210906
Ion Ratio	Lower	Upper	
105	100		
120	45.5	23.0	69.0





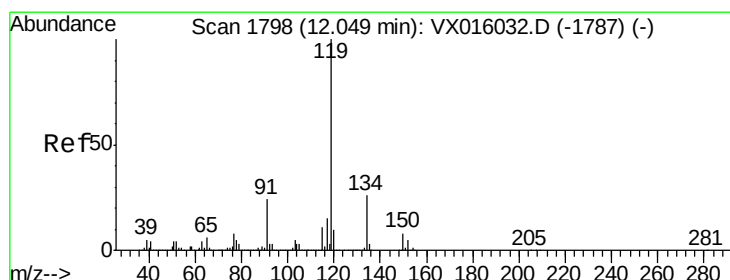
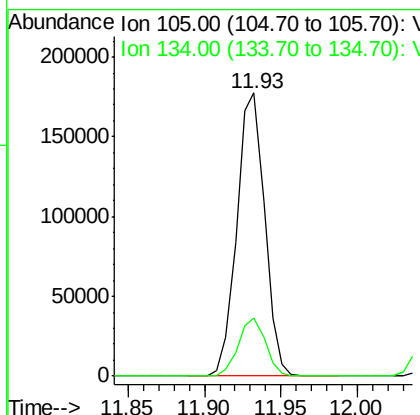
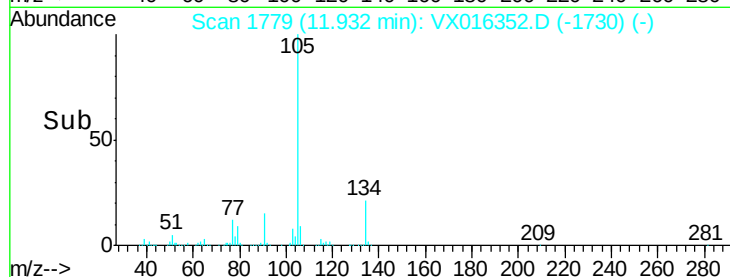
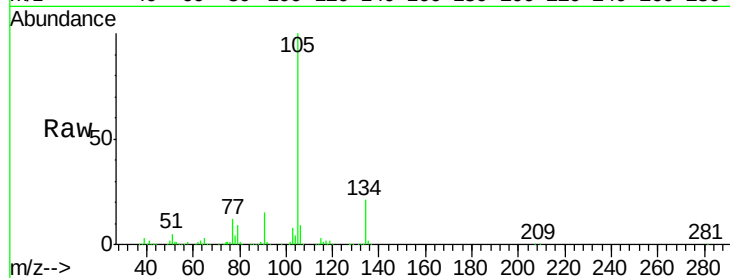
#85
 sec-Butylbenzene
 Concen: 16.248 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	223226		
134	20.1	10.1	30.3	

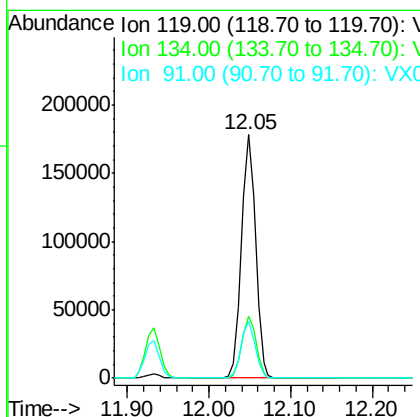
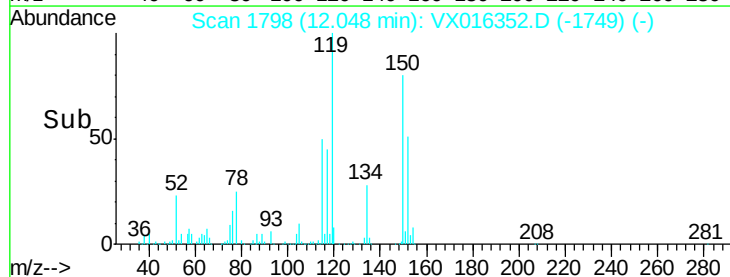
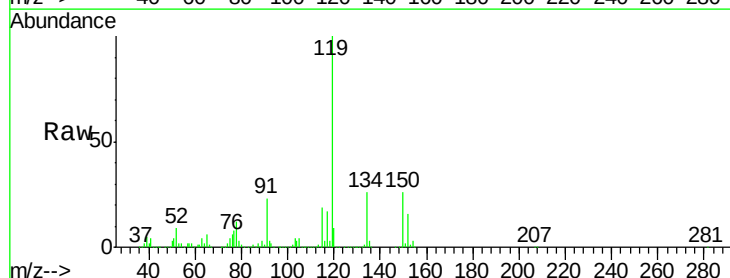
Manual Integrations
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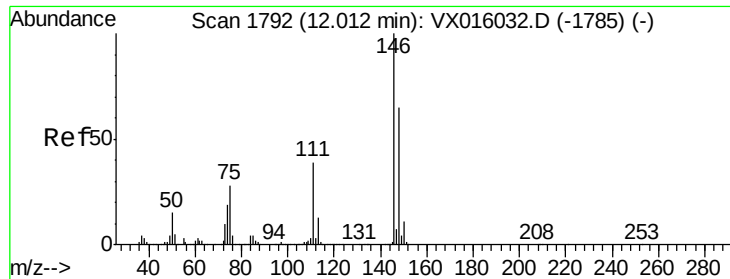
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#86
 p-Isopropyltoluene
 Concen: 16.573 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	211396		
134	25.8	13.1	39.3	
91	23.3	11.8	35.4	





#87

1,3-Dichlorobenzene

Concen: 17.621 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

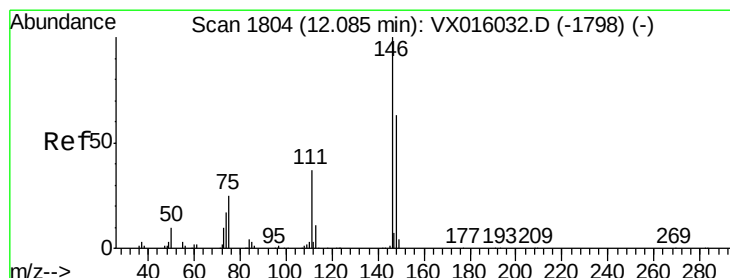
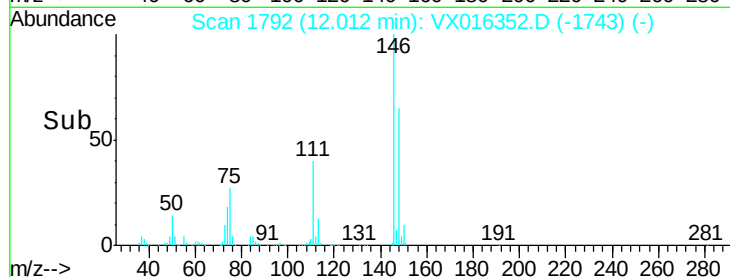
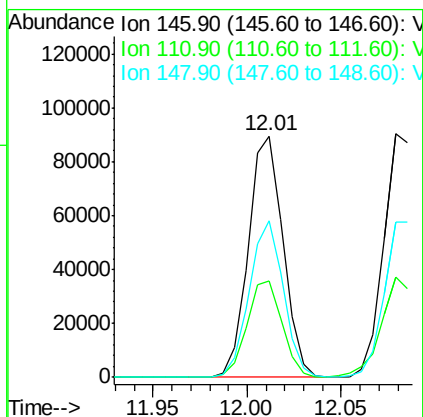
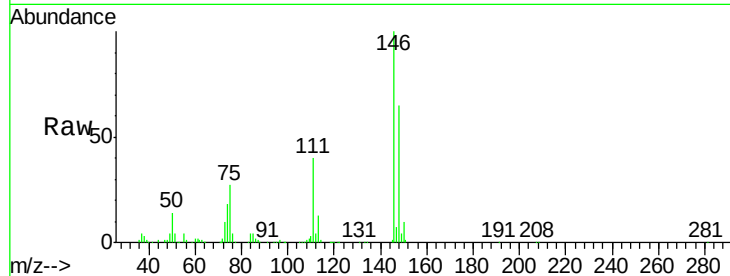
ClientSampleId :

VX0520WBS01

Tot Ion:	146	Resp:	114203
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.2	60.6
148	63.6	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.585 ug/l

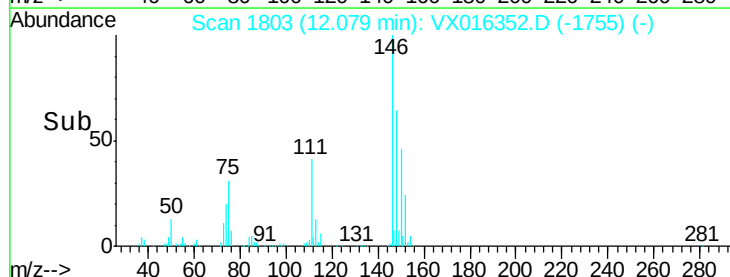
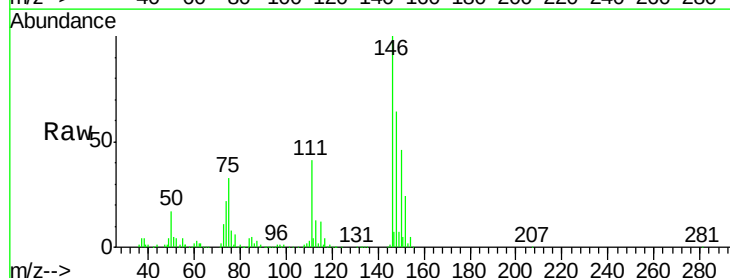
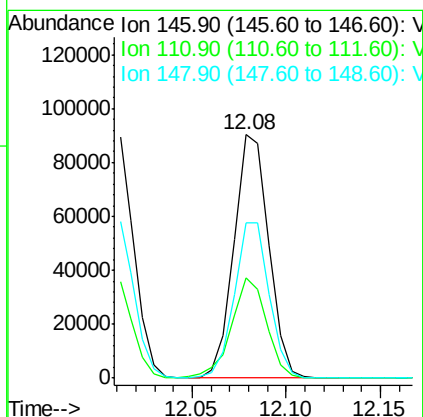
RT: 12.08 min Scan# 1803

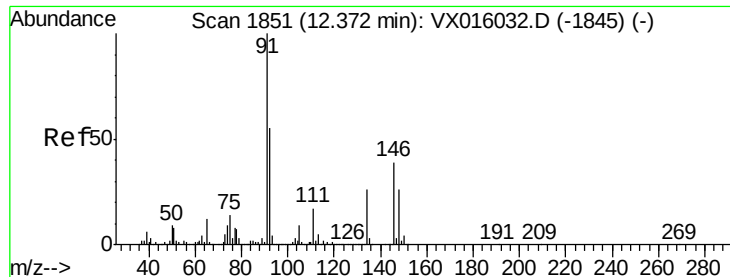
Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion:	146	Resp:	115675
Ion Ratio	Lower	Upper	
146	100		
111	41.3	19.6	58.7
148	64.2	31.8	95.3





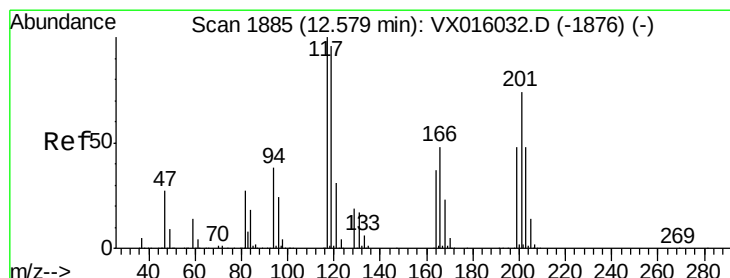
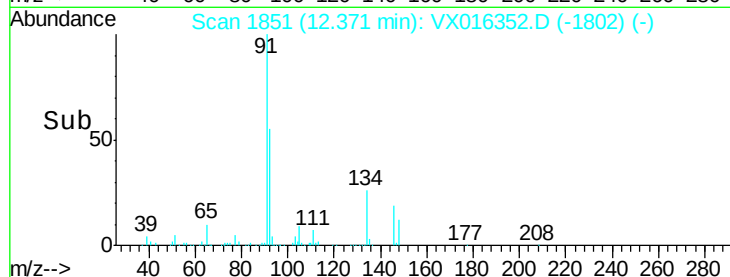
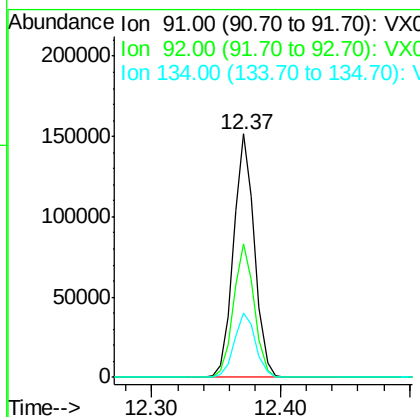
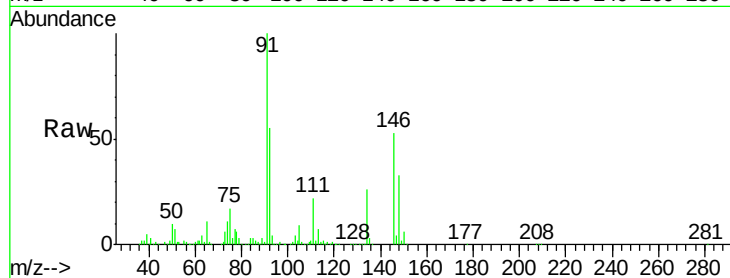
#89
n-Butylbenzene
Concen: 14.709 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	26.8	13.4	40.1

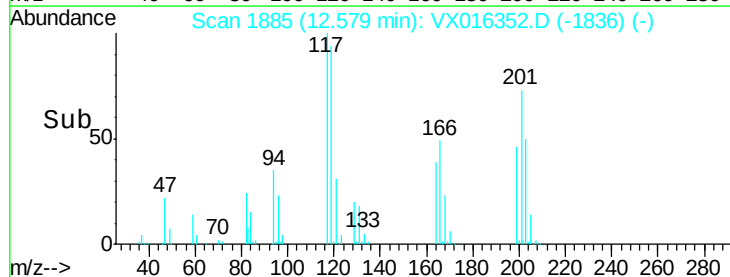
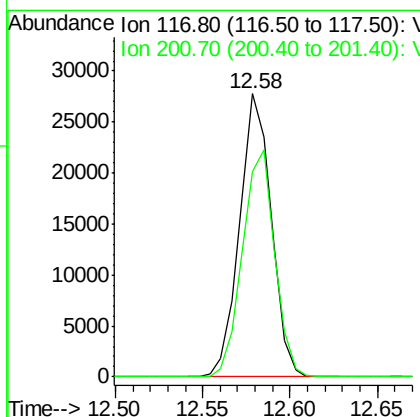
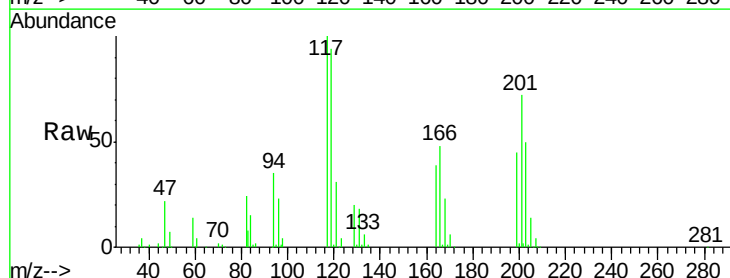
Manual Integrations
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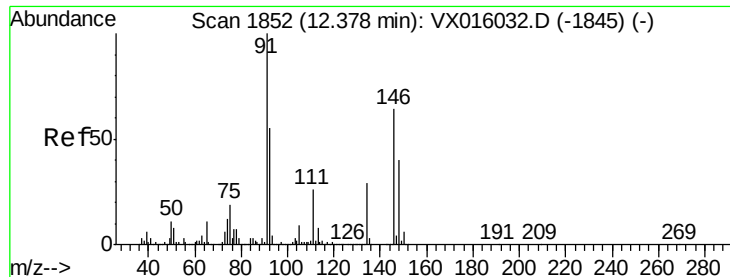
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#90
Hexachloroethane
Concen: 15.985 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.4	39.8	119.3





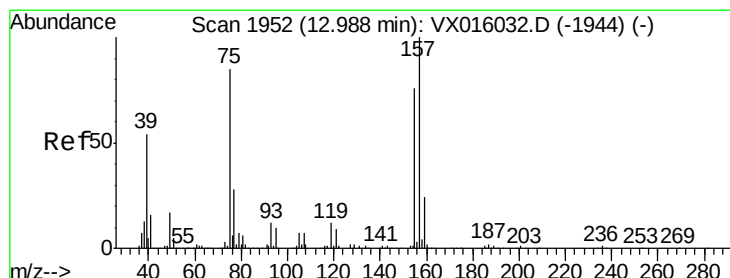
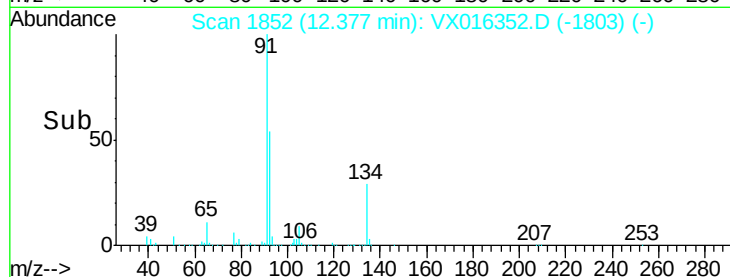
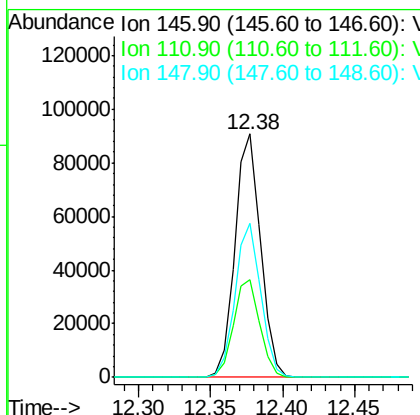
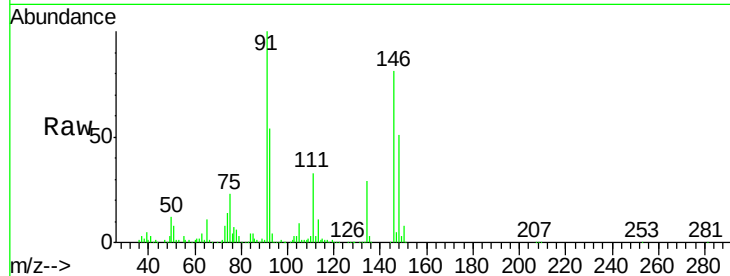
#91
 1,2-Dichlorobenzene
 Concen: 18.034 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.4	21.1	63.1	
148	63.4	32.4	97.0	

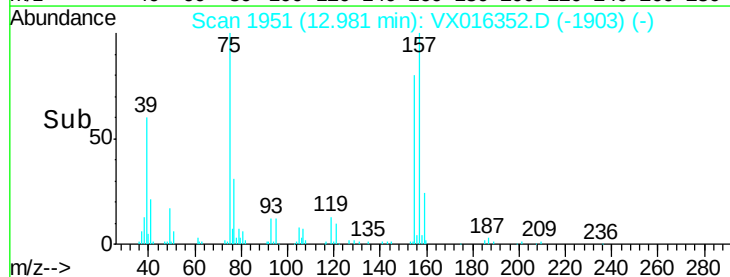
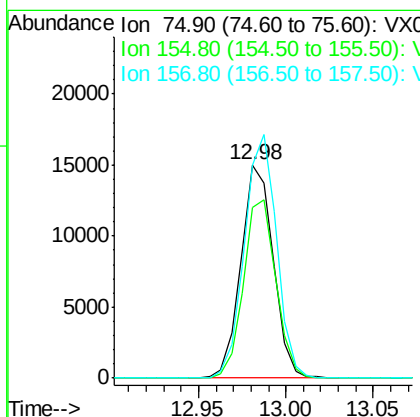
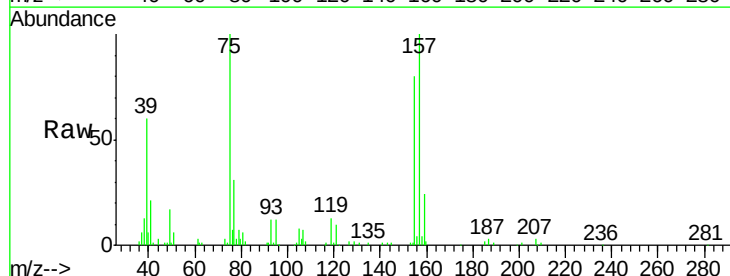
Manual Integrations
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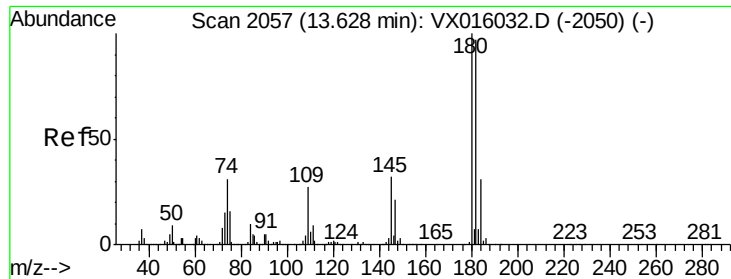
MMDadoda
 5/21/2020 1:15:18 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.740 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	84.0	42.5	127.5	
157	113.5	55.3	165.8	





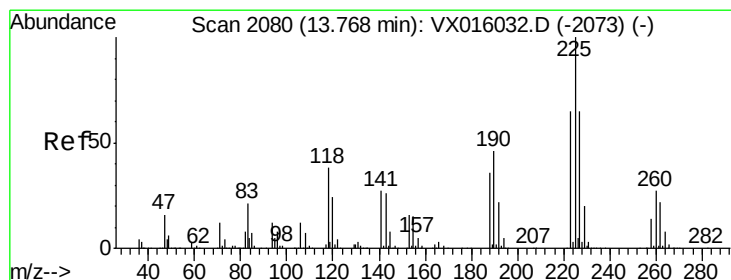
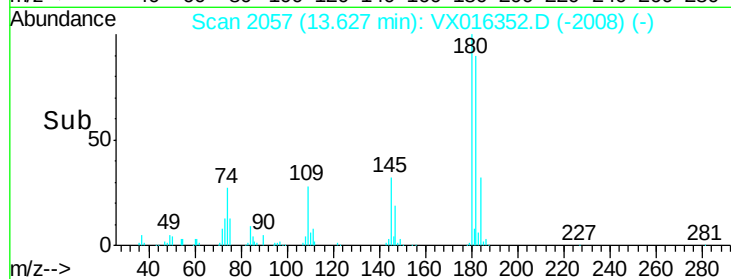
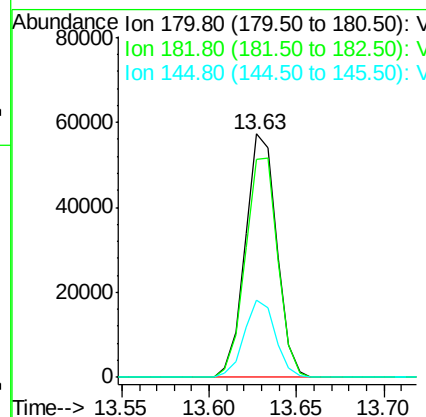
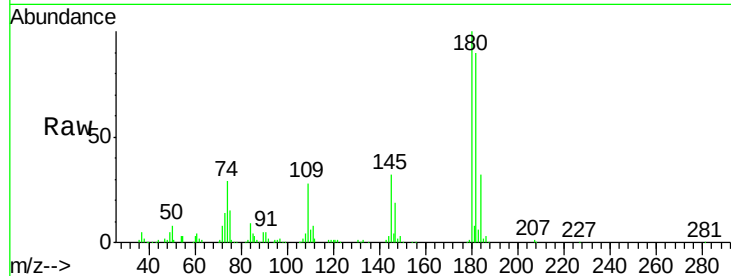
#93
1,2,4-Trichlorobenzene
Concen: 15.460 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	71432		
182	93.1	48.7	146.1	
145	31.5	15.7	47.1	

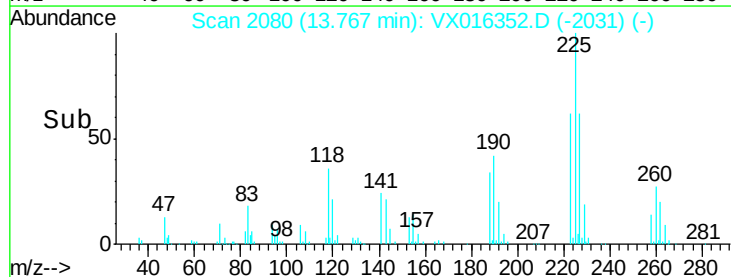
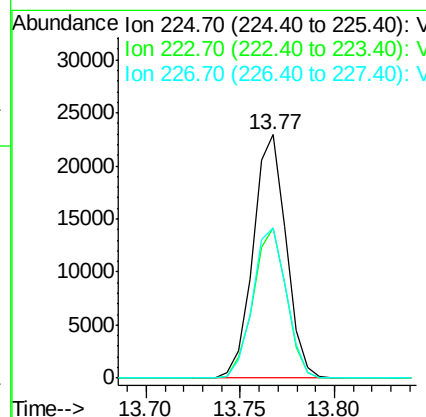
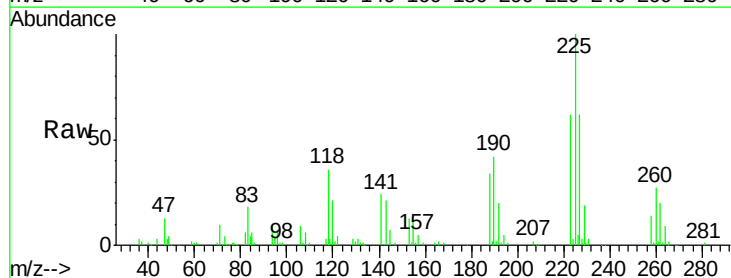
Manual Integrations
APPROVED

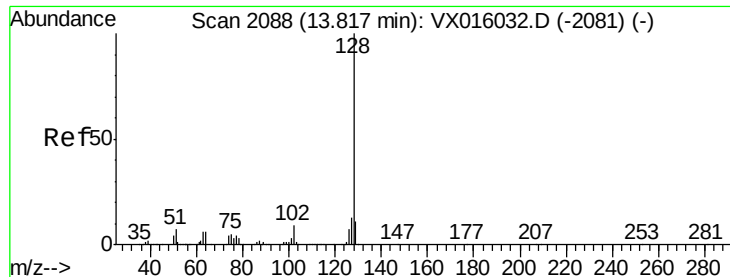
MMDadoda
5/21/2020 1:15:18 PM



#94
Hexachlorobutadiene
Concen: 14.324 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	27746		
223	62.0	32.3	96.9	
227	63.3	31.8	95.4	





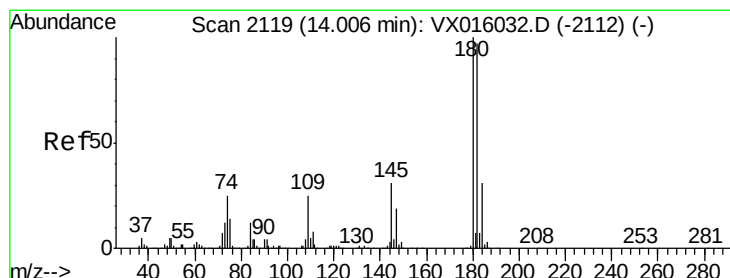
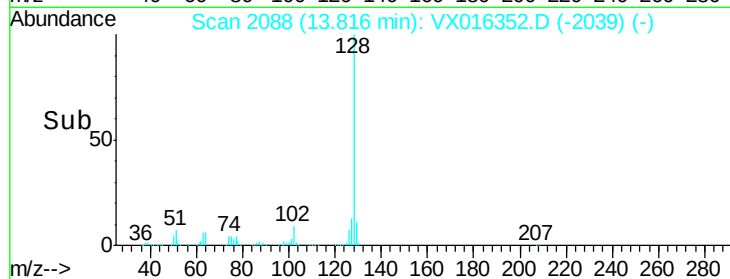
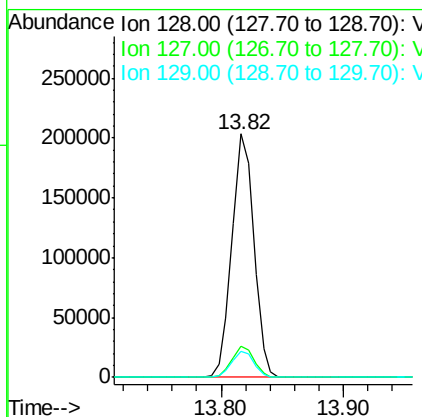
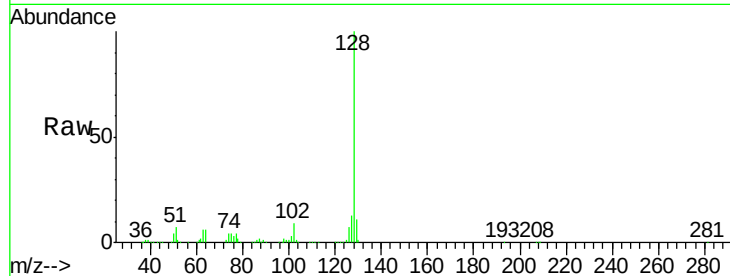
#95
Naphthalene
Concen: 16.858 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:15:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 15.632 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.0
145	33.2	16.4	49.1

