

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016497.D
 Acq On : 28 May 2020 19:42
 Operator : JC/SP
 Sample : L2778-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:51 AM

Quant Time: May 29 04:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	456291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182732	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	5.47	113	144108	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	8.70	98	560642	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	11.12	95	214508	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	144554	52.188	ug/l	97
3) Chloromethane	1.31	50	171298	51.176	ug/l	98
4) Vinyl Chloride	1.39	62	202423	57.185	ug/l	100
5) Bromomethane	1.62	94	84936	49.349	ug/l	99
6) Chloroethane	1.70	64	109088	52.830	ug/l	96
7) Trichlorofluoromethane	1.91	101	237588	51.107	ug/l	99
8) Diethyl Ether	2.17	74	99240	51.196	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127461	49.818	ug/l	99
10) Methyl Iodide	2.49	142	141630	46.557	ug/l	99
11) Tert butyl alcohol	3.01	59	233446	260.452	ug/l	100
12) 1,1-Dichloroethene	2.36	96	141505	52.250	ug/l	97
13) Acrolein	2.27	56	110807	290.619	ug/l	97
14) Allyl chloride	2.70	41	264108	53.028	ug/l	98
15) Acrylonitrile	3.12	53	509763	277.643	ug/l	99
16) Acetone	2.42	43	428243	279.644	ug/l	99
17) Carbon Disulfide	2.55	76	414132	51.493	ug/l	100
18) Methyl Acetate	2.75	43	205341	52.280	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	521924	53.669	ug/l	100
20) Methylene Chloride	2.83	84	163609	51.638	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	158193	52.808	ug/l	95
22) Diisopropyl ether	3.82	45	510555	53.362	ug/l	99
23) Vinyl Acetate	3.79	43	2169308	259.029	ug/l	100
24) 1,1-Dichloroethane	3.67	63	287501	53.239	ug/l	100
25) 2-Butanone	4.64	43	714978	275.535	ug/l	100
26) 2,2-Dichloropropane	4.56	77	192550	43.574	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	179731	51.863	ug/l	99
28) Bromochloromethane	4.98	49	129533	51.617	ug/l	98
29) Tetrahydrofuran	5.09	42	470647	280.747	ug/l	100
30) Chloroform	5.18	83	284085	52.209	ug/l	97
31) Cyclohexane	5.55	56	240453	49.494	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	254195	51.600	ug/l	100
36) 1,1-Dichloropropene	5.77	75	214131	49.565	ug/l	99
37) Ethyl Acetate	4.79	43	254016	48.974	ug/l	99
38) Carbon Tetrachloride	5.76	117	221286	48.740	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	232071	49.456	ug/l	99
40) Benzene	6.12	78	657811	51.130	ug/l	100
41) Methacrylonitrile	5.01	41	143074	50.219	ug/l	99
42) 1,2-Dichloroethane	6.17	62	227593	49.744	ug/l	99
43) Isopropyl Acetate	6.42	43	406455	50.239	ug/l	99
44) Trichloroethene	7.19	130	193770	47.470	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168045	51.308	ug/l	100
46) Dibromomethane	7.64	93	109960	49.985	ug/l	99
47) Bromodichloromethane	7.88	83	232326	51.004	ug/l	99
48) Methyl methacrylate	7.74	41	203042	52.415	ug/l	99
49) 1,4-Dioxane	7.71	88	86887	958.441	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1345710	267.133	ug/l	100
52) Toluene	8.77	92	412127	50.799	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	260403	50.276	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	274726	50.111	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166240	51.537	ug/l	96
56) Ethyl methacrylate	9.16	69	279142	53.135	ug/l	100
57) 1,3-Dichloropropane	9.35	76	287625	51.949	ug/l	99
59) 2-Hexanone	9.48	43	1057342	269.900	ug/l	99
60) Dibromochloromethane	9.57	129	186908	51.489	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178435	51.657	ug/l	100
64) Tetrachloroethene	9.32	164	212204	44.689	ug/l	97
65) Chlorobenzene	10.12	112	963196	111.314	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	166819	50.504	ug/l	99
67) Ethyl Benzene	10.24	91	763929	49.586	ug/l	99
68) m/p-Xylenes	10.34	106	572522	100.230	ug/l	100
69) o-Xylene	10.68	106	277816	50.221	ug/l	99
70) Stvrene	10.70	104	493157	51.865	ug/l	100
71) Bromoform	10.84	173	142861	51.176	ug/l #	99
73) Isopropylbenzene	11.00	105	726843	49.973	ug/l	100
74) N-amyl acetate	10.88	43	338058	50.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	206426	56.630	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	240000m	52.015	ug/l	
77) Bromobenzene	11.24	156	190494	49.936	ug/l	100
78) n-propylbenzene	11.34	91	820085	50.468	ug/l	100
79) 2-Chlorotoluene	11.40	91	500429	50.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	614458	50.595	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	92056	49.077	ug/l	99
82) 4-Chlorotoluene	11.49	91	585984	50.029	ug/l	100
83) tert-Butylbenzene	11.76	119	538218	51.866	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	621981	50.642	ug/l	99
85) sec-Butylbenzene	11.93	105	666153	51.173	ug/l	100
86) p-Isopropyltoluene	12.05	119	631580	51.794	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	332050	50.241	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	350067	51.790	ug/l	100
89) n-Butylbenzene	12.37	91	528969	52.080	ug/l	99
90) Hexachloroethane	12.58	117	107725	51.145	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	325837	50.887	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59888	50.722	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	215362	50.643	ug/l	100

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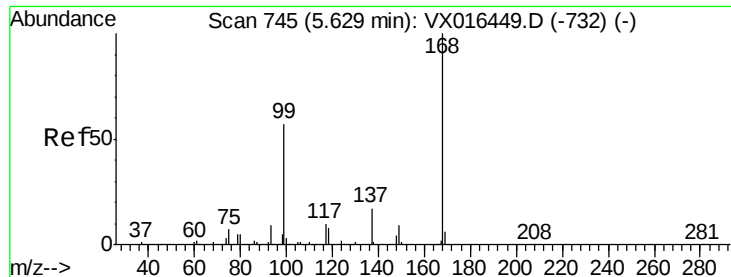
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	80793	48.389	ug/l	99
95) Naphthalene	13.82	128	750091	51.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	214101	51.390	ug/l	96

(#) = 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. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion:168 Resp: 281457

Ion Ratio Lower Upper

168 100

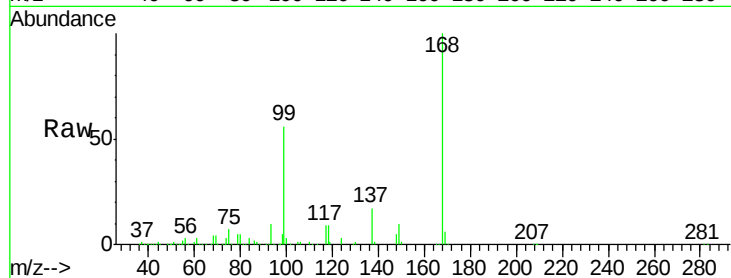
99 56.3 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

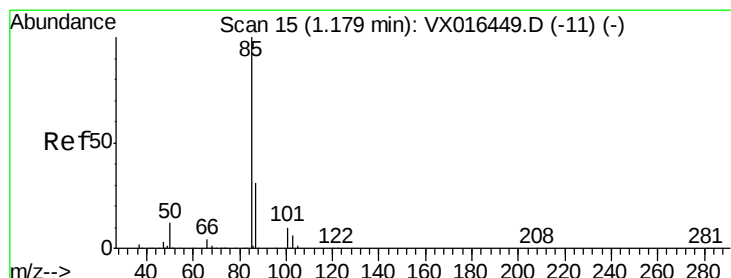
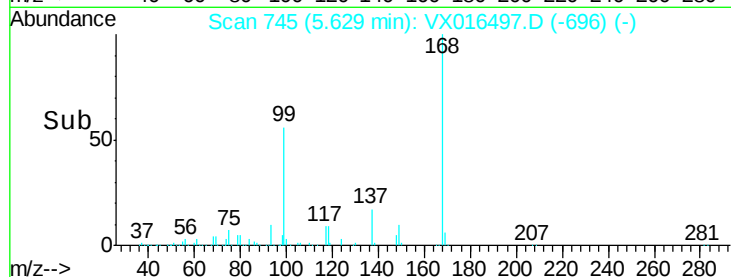
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.188 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016497.D

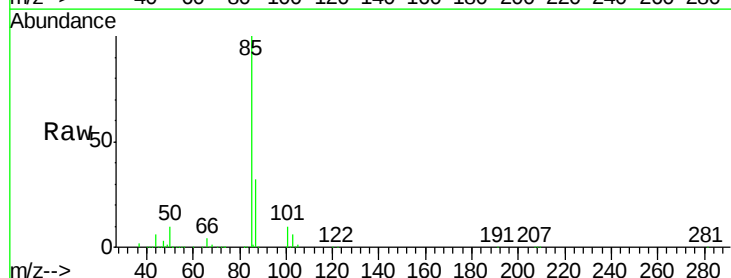
Acq: 28 May 2020 19:42

Tgt Ion: 85 Resp: 144554

Ion Ratio Lower Upper

85 100

87 32.3 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

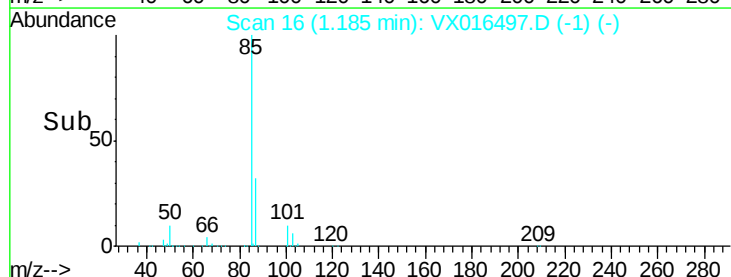
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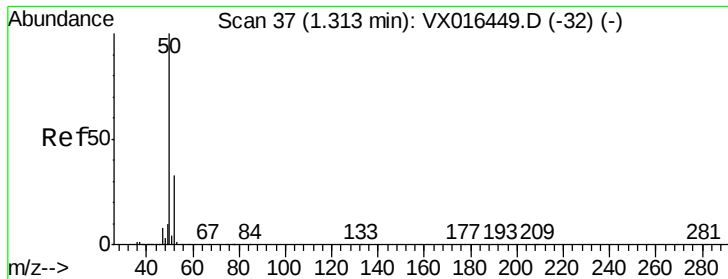
100000

50000

0

Time-->





#3

Chloromethane

Concen: 51.176 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 50 Resp: 171298

Ion Ratio Lower Upper

50 100

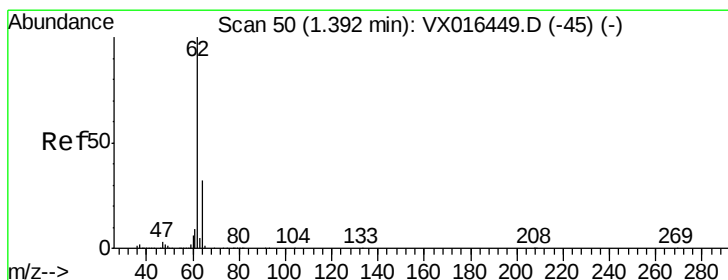
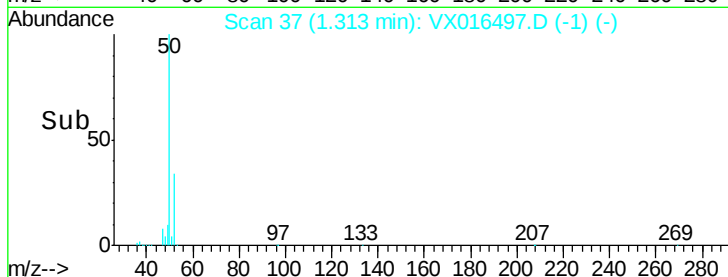
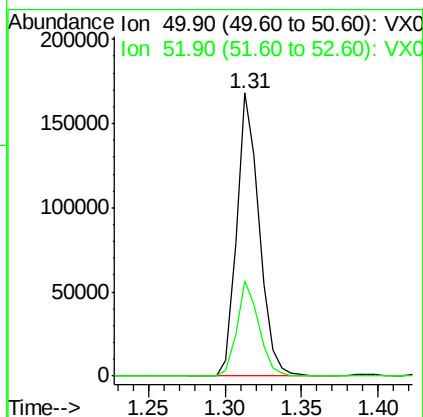
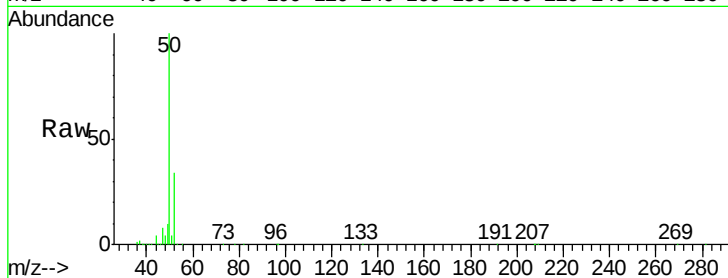
52 33.7 26.2 39.2

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#4

Vinyl Chloride

Concen: 57.185 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016497.D

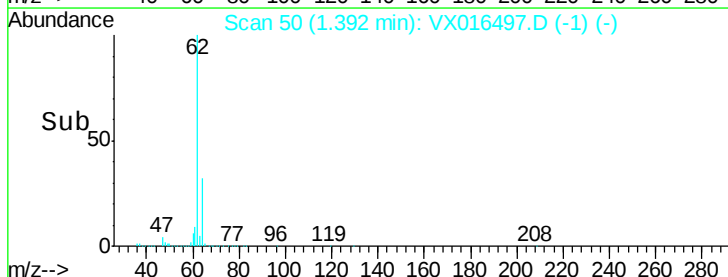
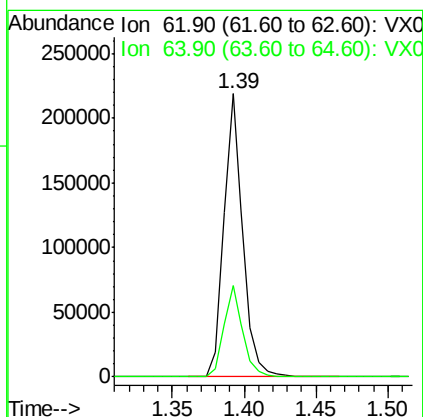
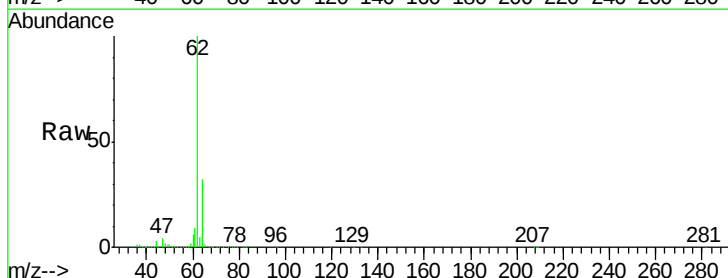
Acq: 28 May 2020 19:42

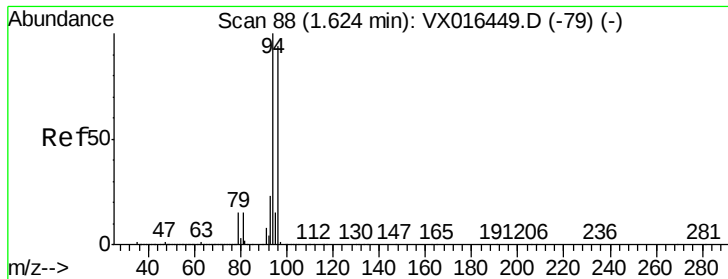
Tgt Ion: 62 Resp: 202423

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9





#5

Bromomethane

Concen: 49.349 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 84936

Ion Ratio Lower Upper

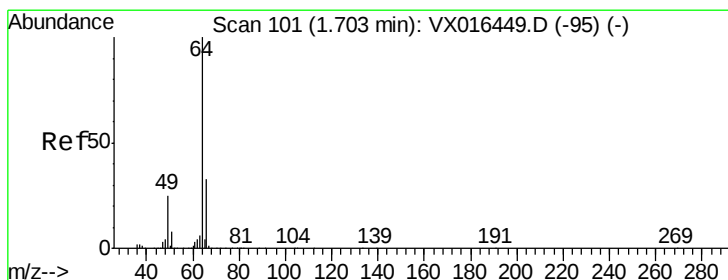
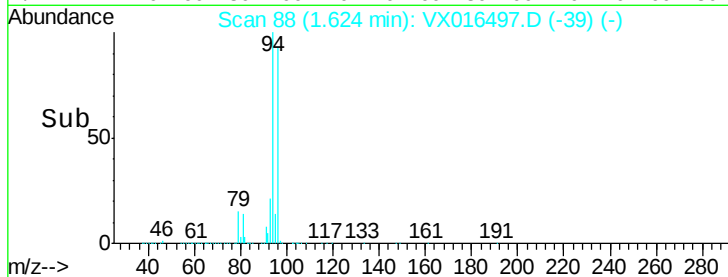
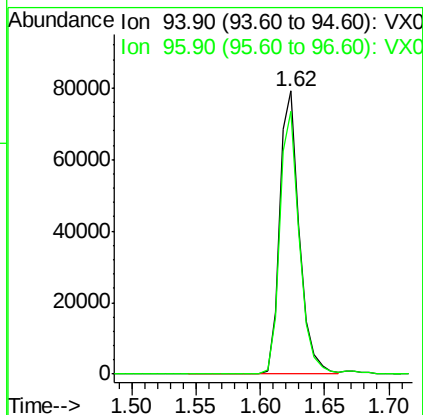
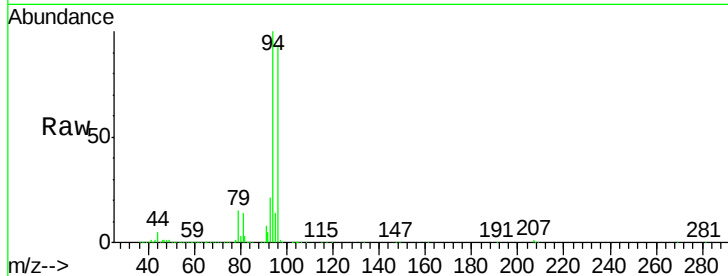
94 100

96 92.7 75.1 112.7

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#6

Chloroethane

Concen: 52.830 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016497.D

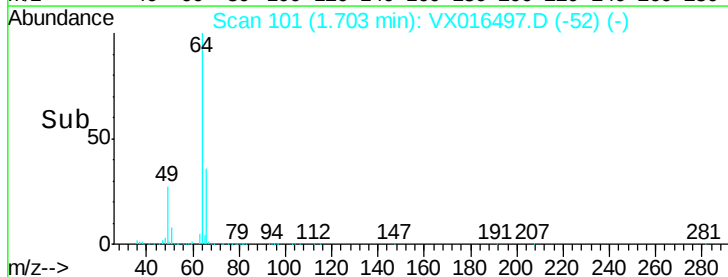
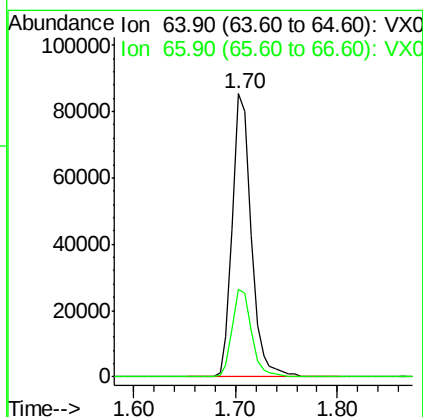
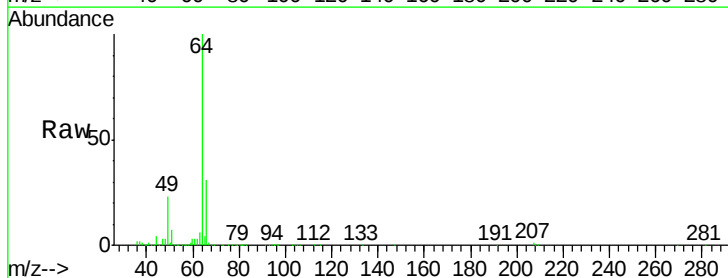
Acq: 28 May 2020 19:42

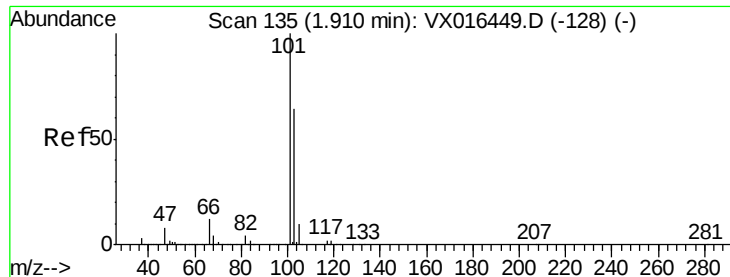
Tgt Ion: 64 Resp: 109088

Ion Ratio Lower Upper

64 100

66 31.1 26.7 40.1





#7

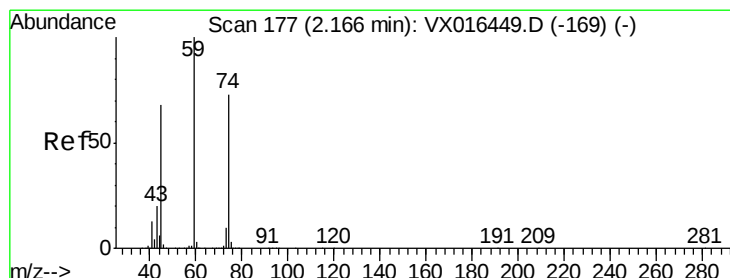
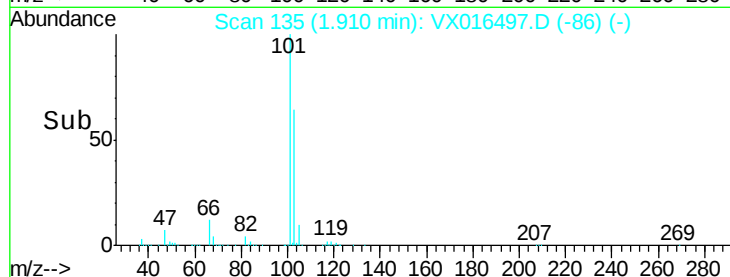
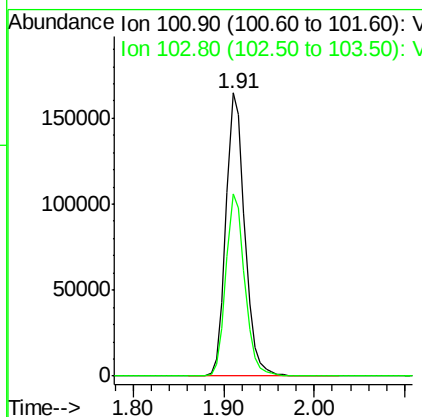
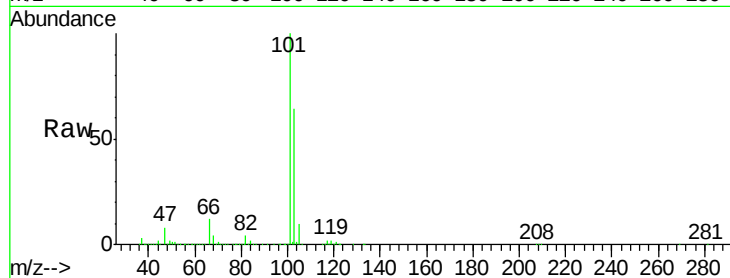
Trichlorofluoromethane
Concen: 51.107 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016497.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	50.9	76.3

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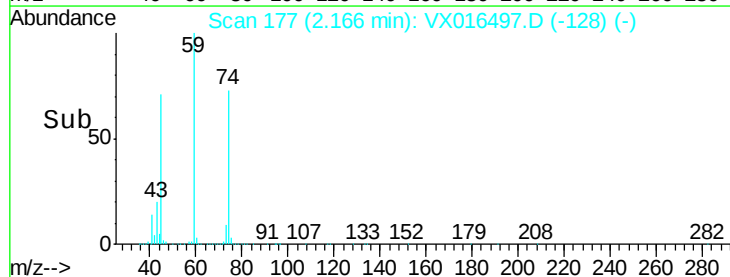
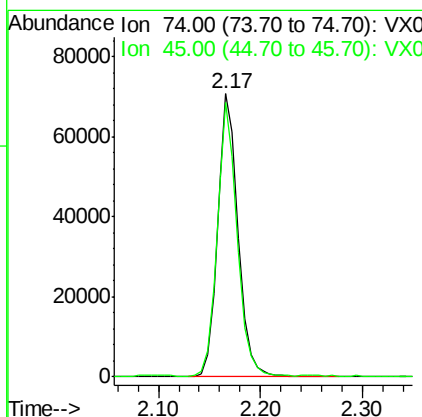
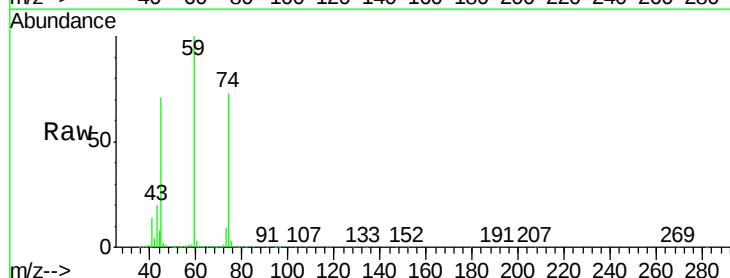
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#8

Diethyl Ether
Concen: 51.196 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.9	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.818 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

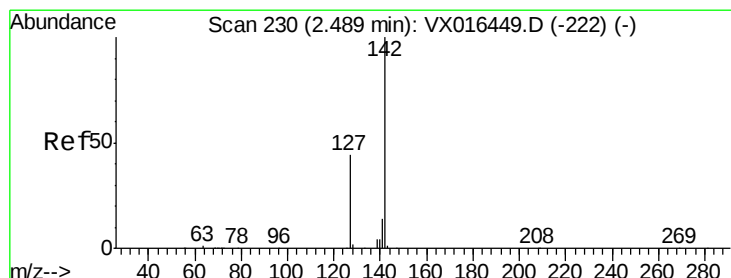
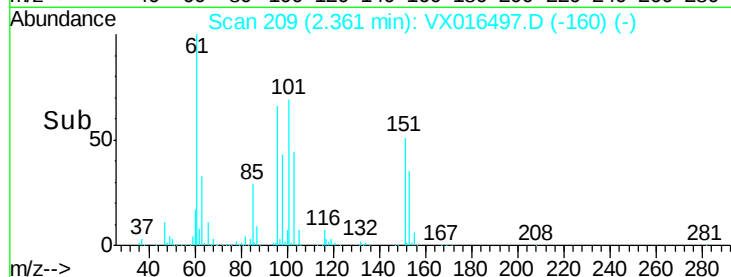
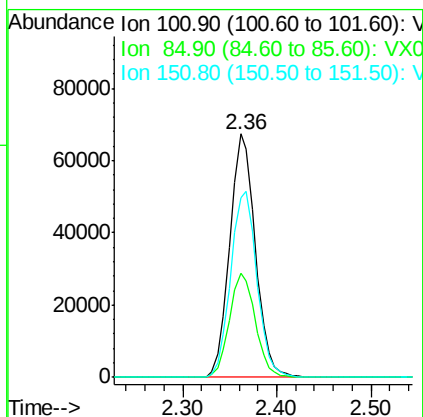
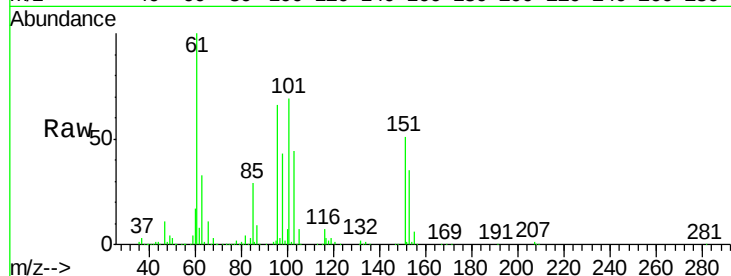
ClientSampleId :

WP022RW358-200526MS

Tot Ion:	101	Resp:	127461
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.4	51.6
151	78.6	63.8	95.6

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#10

Methyl Iodide

Concen: 46.557 ug/l

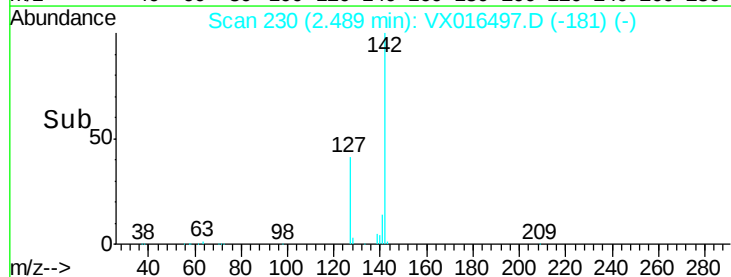
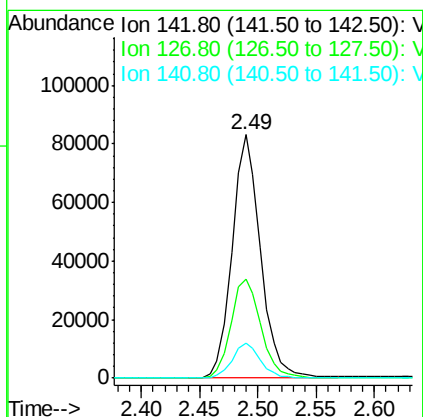
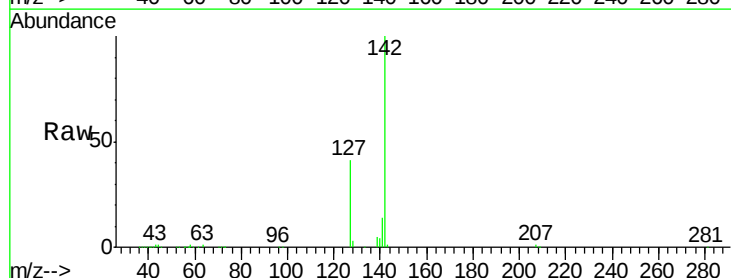
RT: 2.49 min Scan# 230

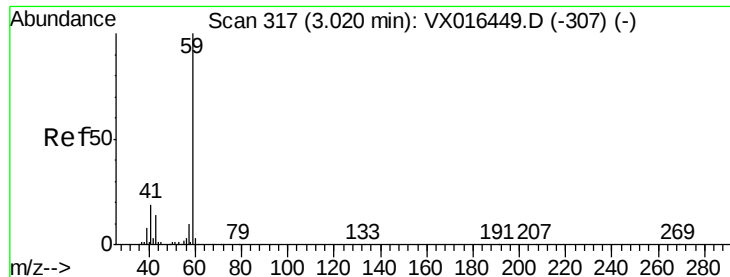
Delta R.T. 0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion:	142	Resp:	141630
Ion Ratio	Lower	Upper	
142	100		
127	43.1	35.3	52.9
141	14.3	11.4	17.2





#11

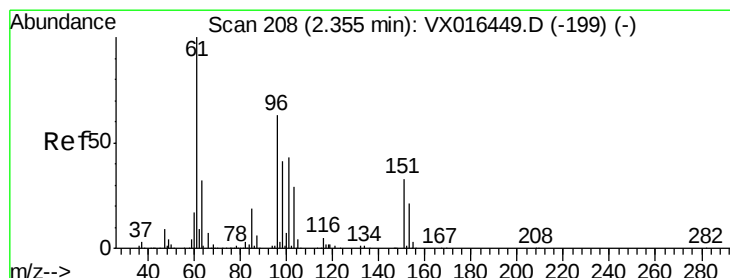
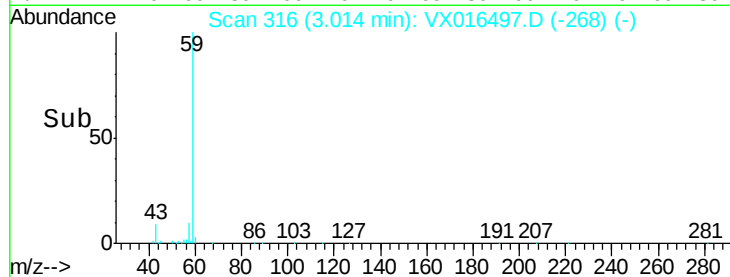
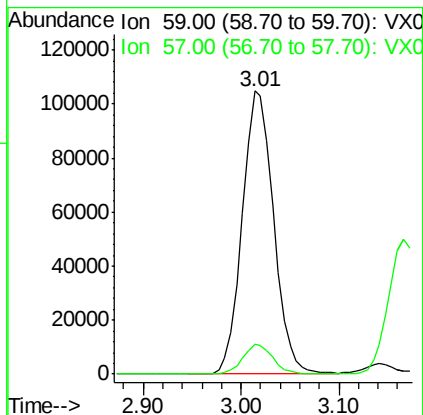
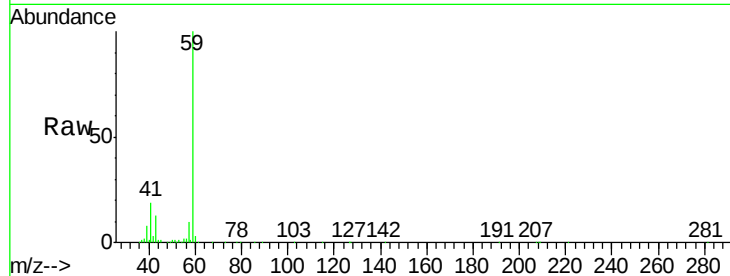
Tert butyl alcohol
Concen: 260.452 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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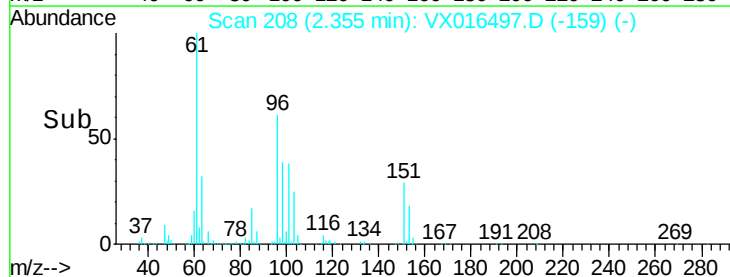
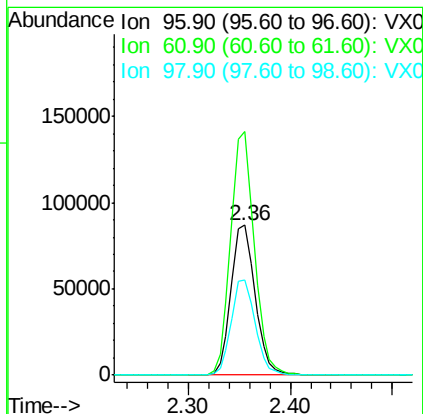
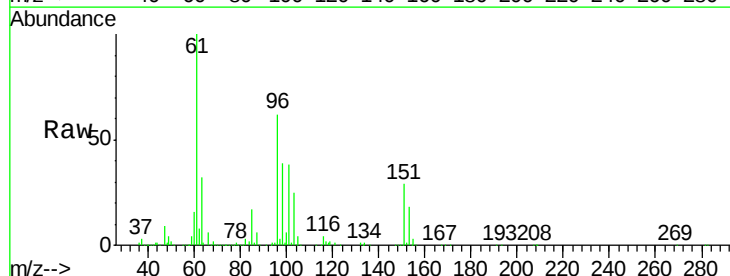
MMDadoda
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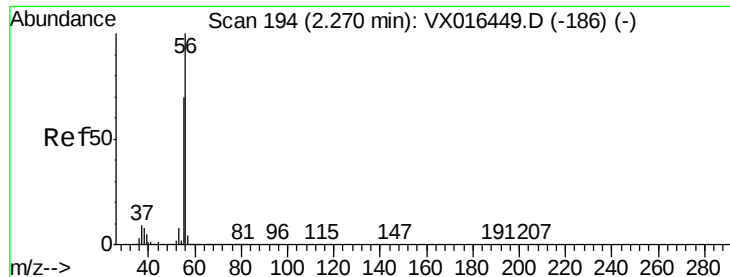


#12

1,1-Dichloroethene
Concen: 52.250 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.5	126.6	189.8
98	63.3	51.3	76.9





#13

Acrolein

Concen: 290.619 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 56 Resp: 110807

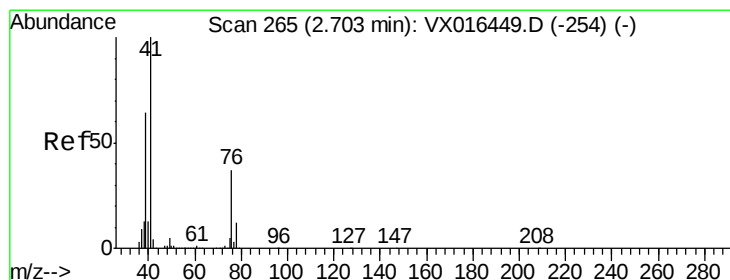
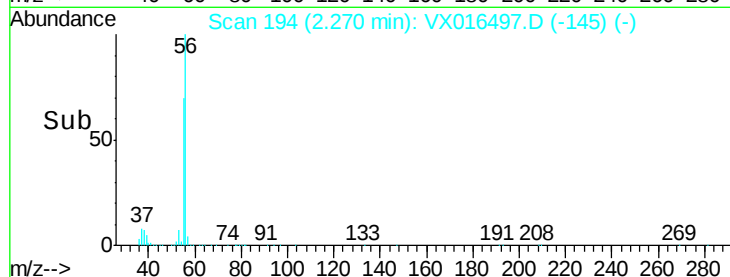
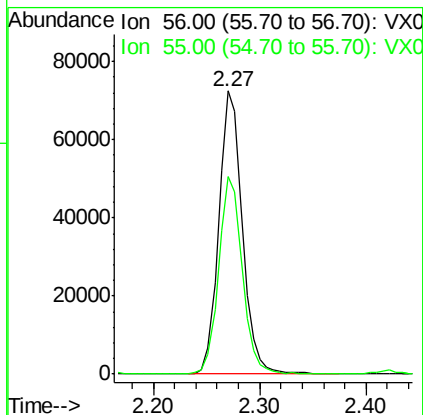
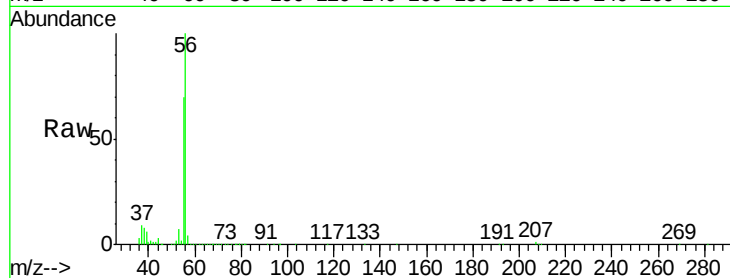
Ion Ratio Lower Upper

56 100

55 70.1 58.3 87.5

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#14

Allyl chloride

Concen: 53.028 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

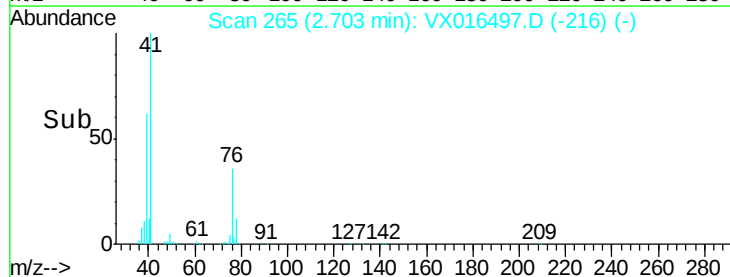
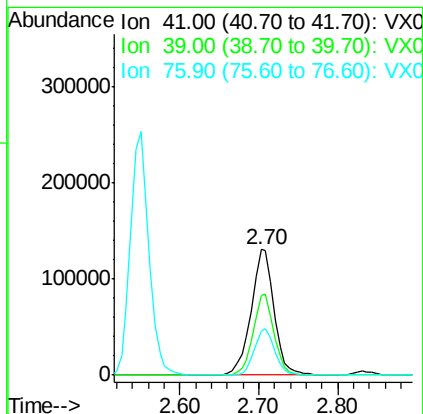
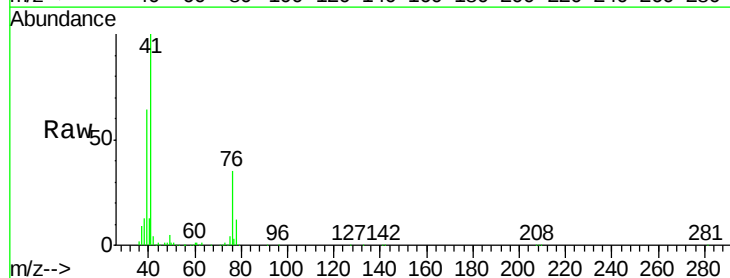
Tgt Ion: 41 Resp: 264108

Ion Ratio Lower Upper

41 100

39 58.1 47.7 71.5

76 32.8 26.6 40.0





#15

Acrylonitrile

Concen: 277.643 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

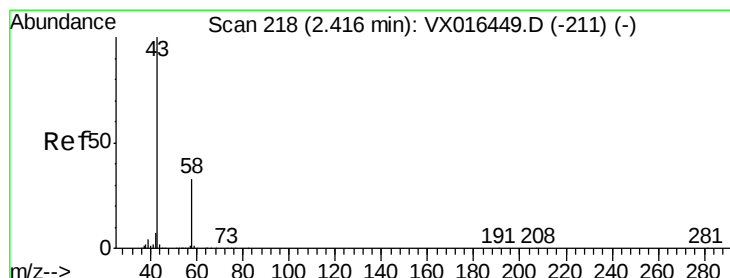
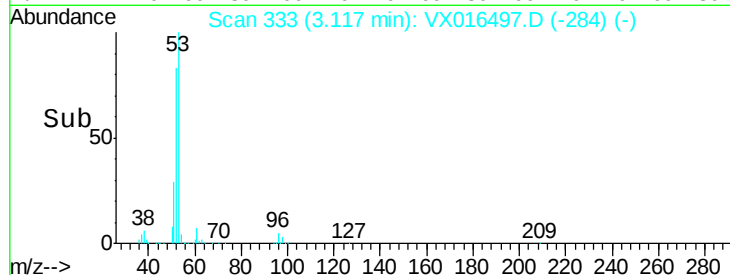
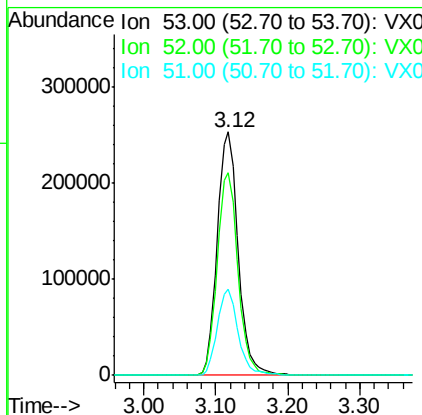
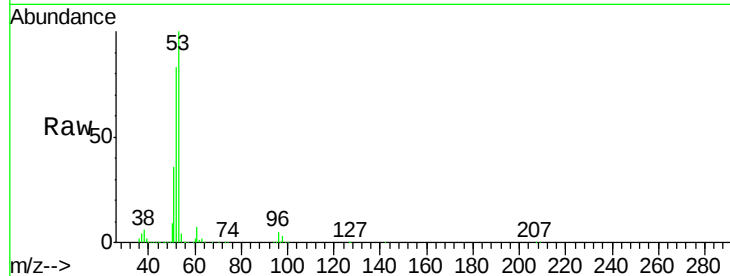
ClientSampleId :

WP022RW358-200526MS

Tot Ion:	53	Resp:	509763
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.7	100.1
51	35.3	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 279.644 ug/l

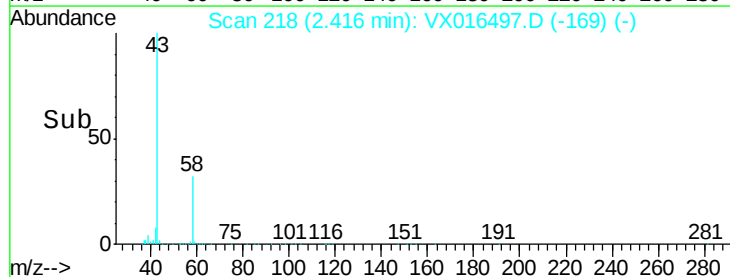
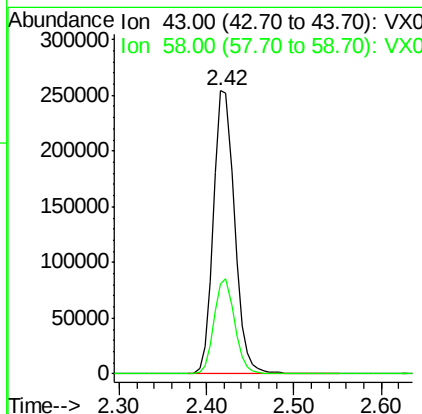
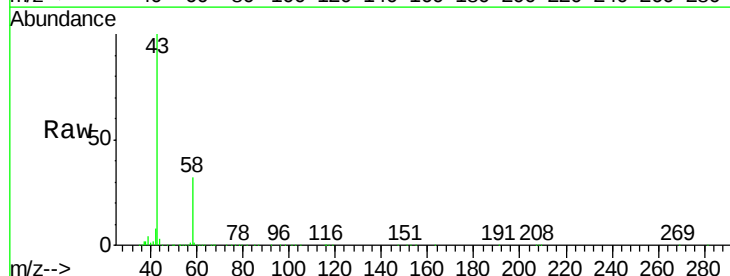
RT: 2.42 min Scan# 218

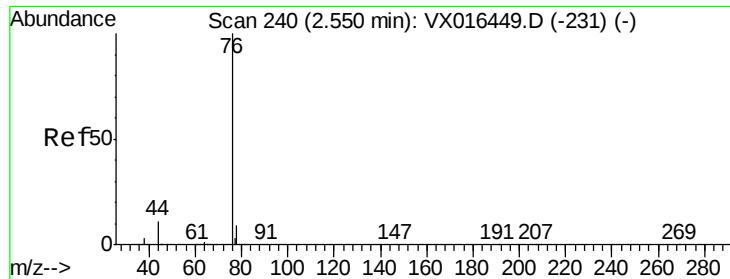
Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion:	43	Resp:	428243
Ion	Ratio	Lower	Upper
43	100		
58	32.0	26.1	39.1





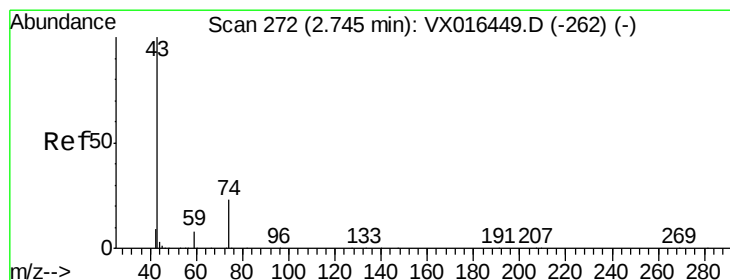
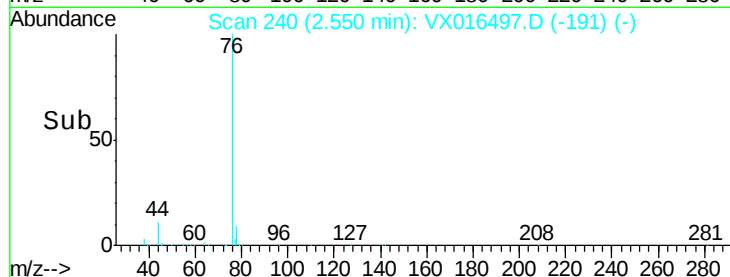
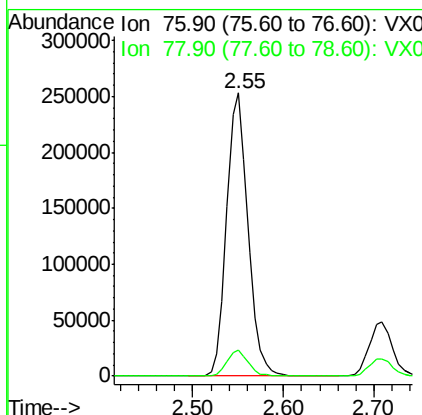
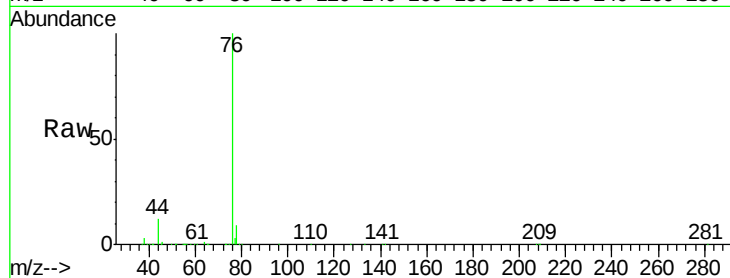
#17
Carbon Disulfide
Concen: 51.493 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion	Ion	Ratio	Lower	Upper
76	76	100		
78	78	9.1	7.4	11.0

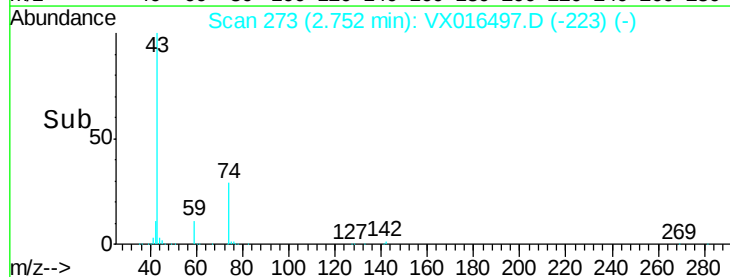
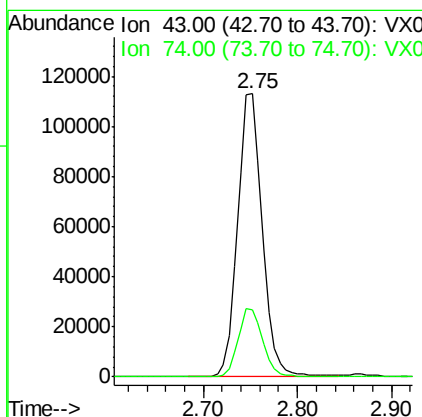
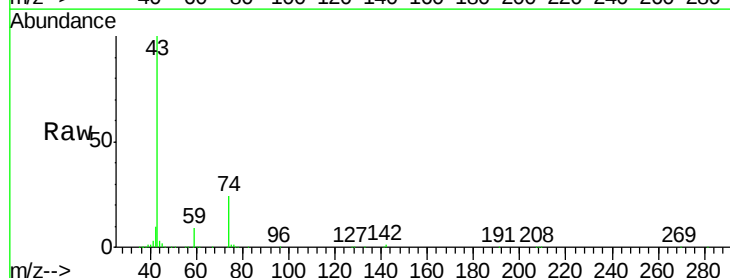
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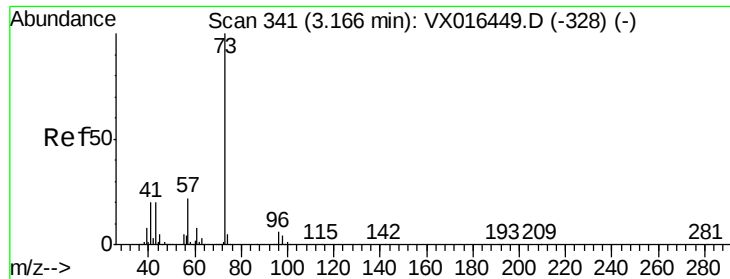
MMDadoda
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#18
Methyl Acetate
Concen: 52.280 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
74	74	24.5	19.7	29.5





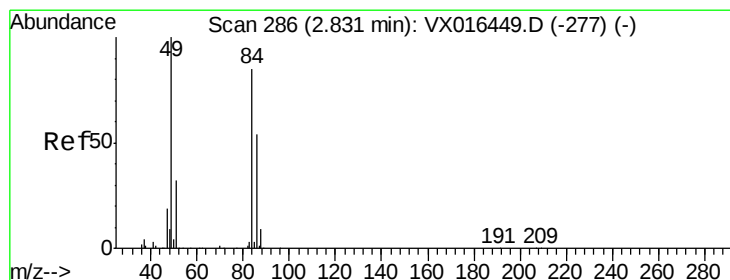
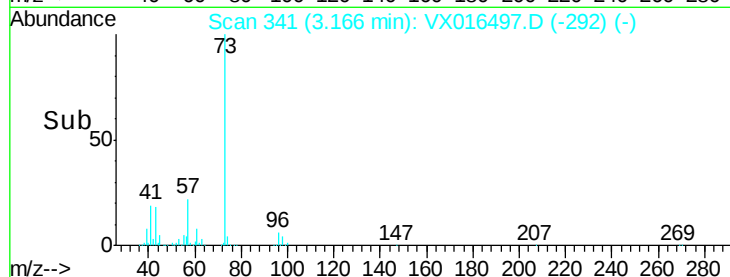
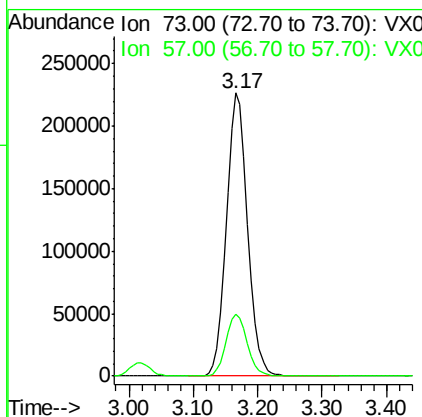
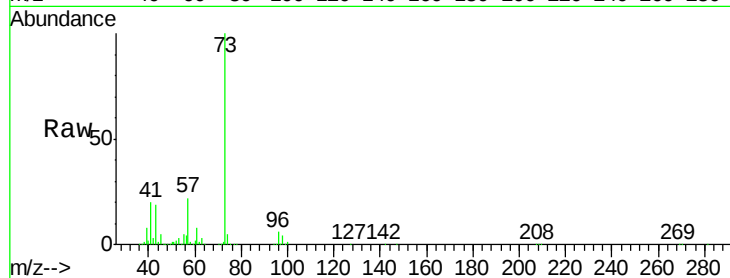
#19
Methvl tert-butvl Ether
Concen: 53.669 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.6

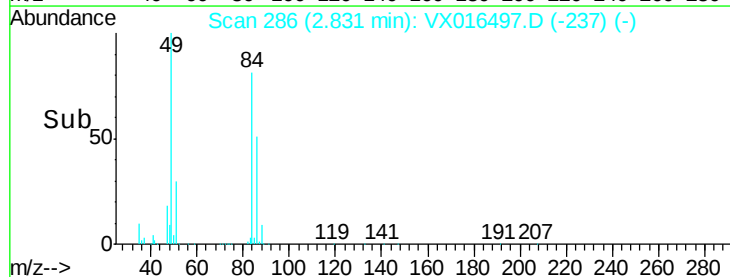
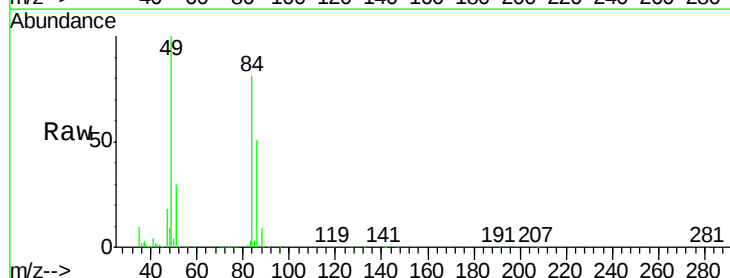
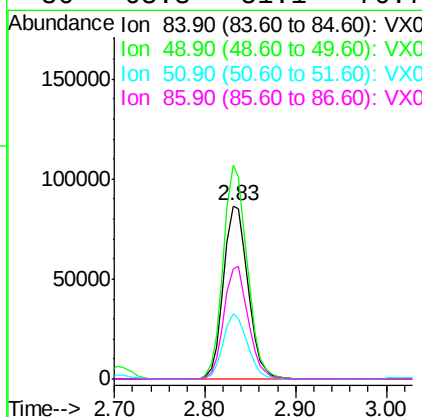
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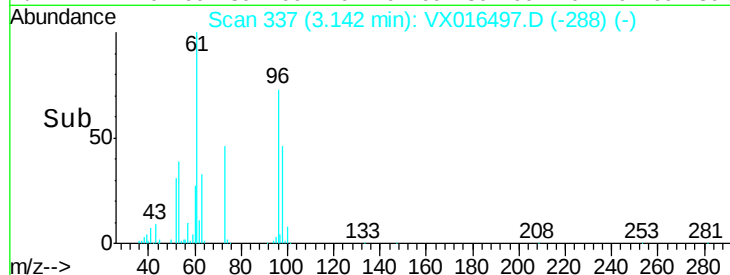
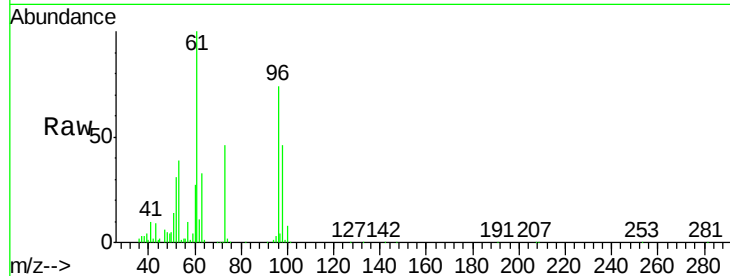
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#20
Methylene Chloride
Concen: 51.638 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	94.5	141.7
51	37.4	30.2	45.4
86	63.3	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 52.808 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tot Ion:	96	Resp:	158193
Ion Ratio	Lower	Upper	
96	100		
61	136.0	115.3	172.9
98	62.4	51.9	77.9

Instrument :

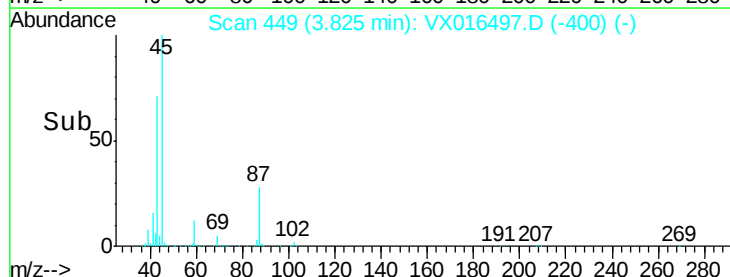
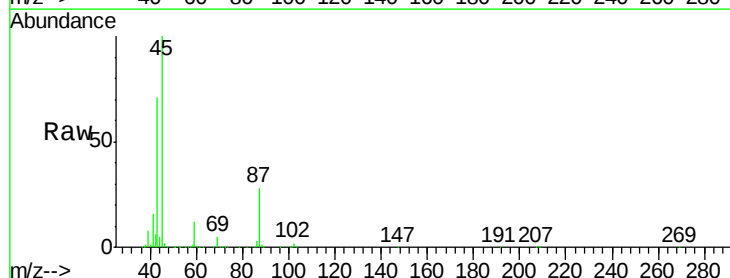
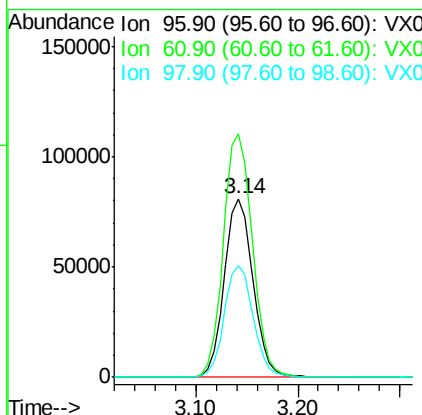
MSVOA_X

ClientSampleId :

WP022RW358-200526MS

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#22

Diisopropyl ether

Concen: 53.362 ug/l

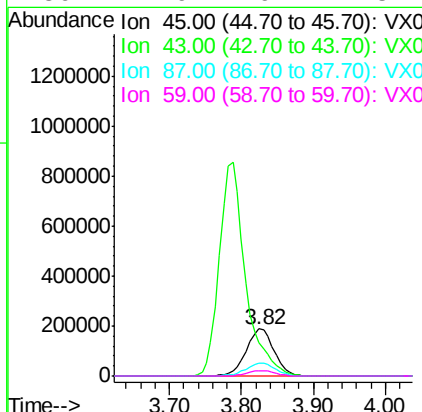
RT: 3.82 min Scan# 449

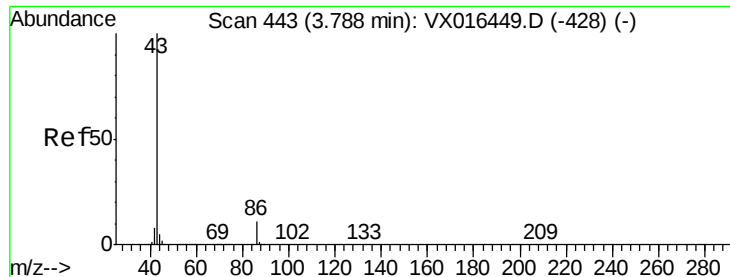
Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion:	45	Resp:	510555
Ion Ratio	Lower	Upper	
45	100		
43	71.0	57.0	85.6
87	28.5	22.5	33.7
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 259.029 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 43 Resp: 2169308

Ion Ratio Lower Upper

43 100

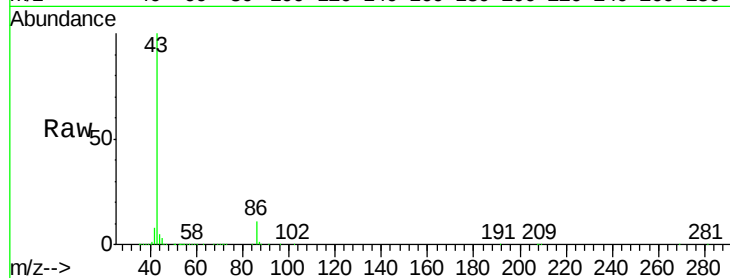
86 10.9 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

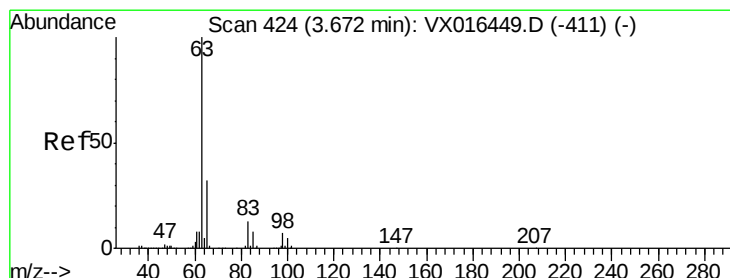
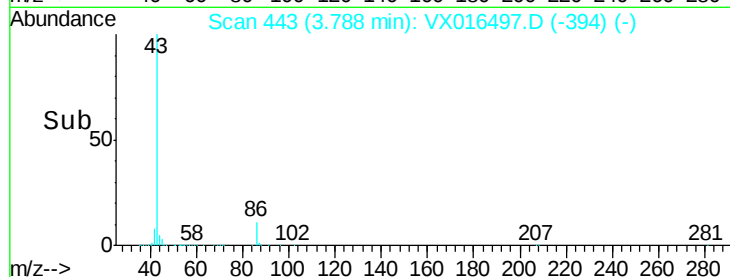
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.239 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

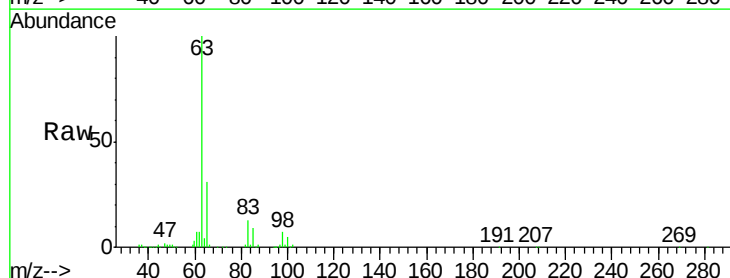
Tgt Ion: 63 Resp: 287501

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

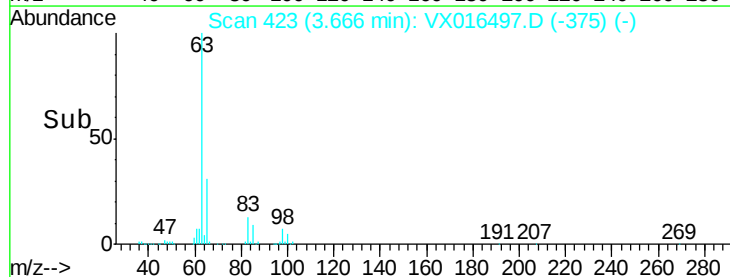
150000

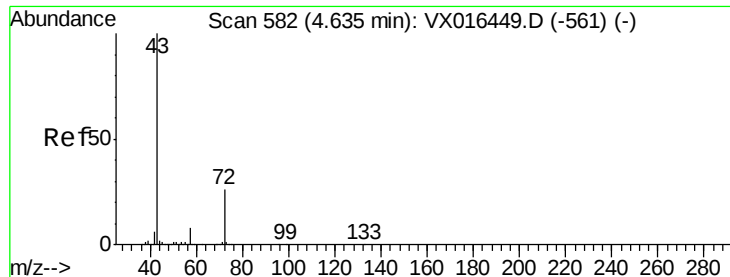
100000

50000

0

Time-->





#25

2-Butanone

Concen: 275.535 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 43 Resp: 714978

Ion Ratio Lower Upper

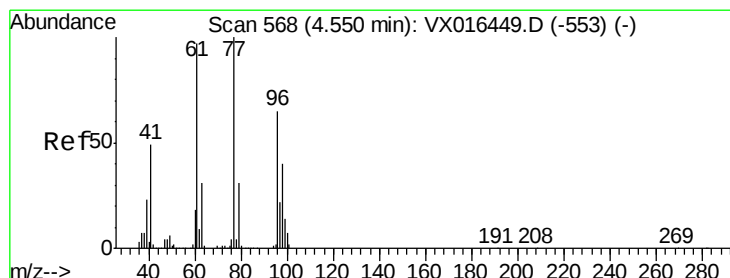
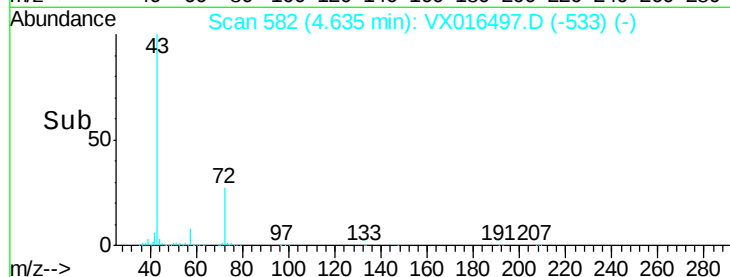
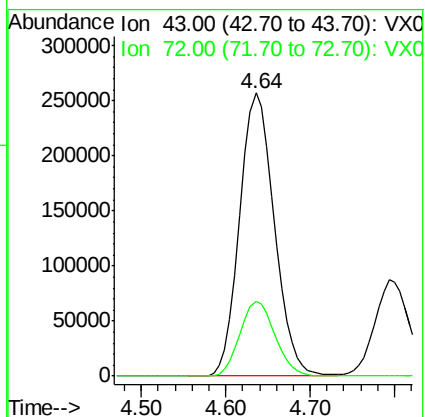
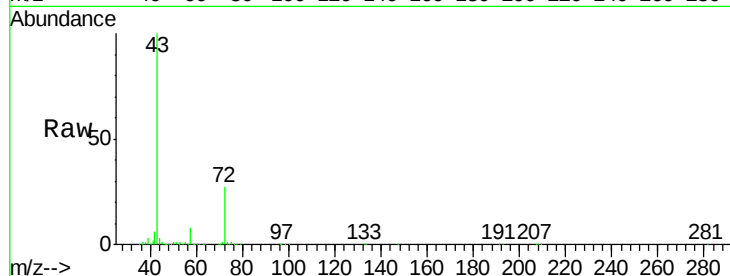
43 100

72 26.5 21.0 31.6

Manual Integrations
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MMDadoda

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#26

2,2-Dichloropropane

Concen: 43.574 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016497.D

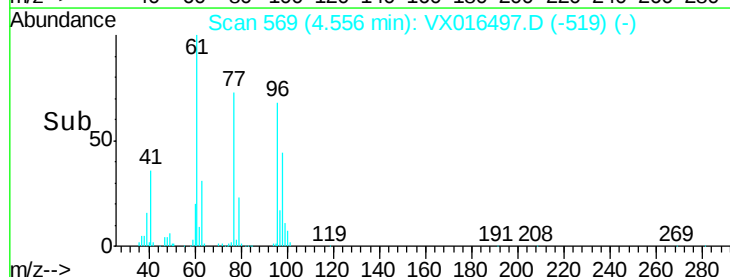
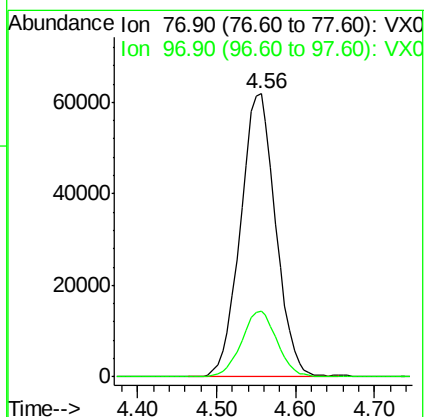
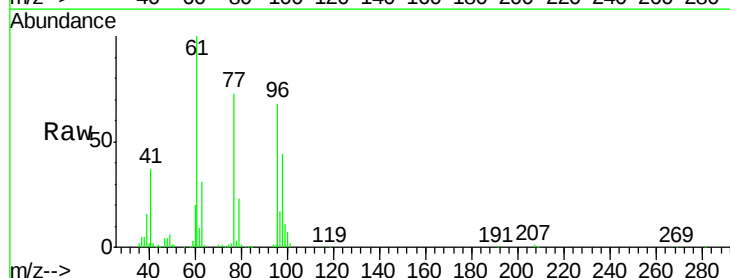
Acq: 28 May 2020 19:42

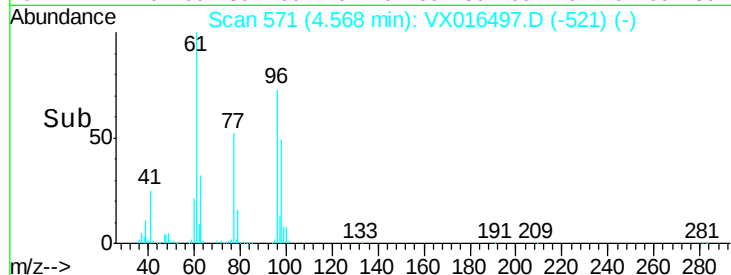
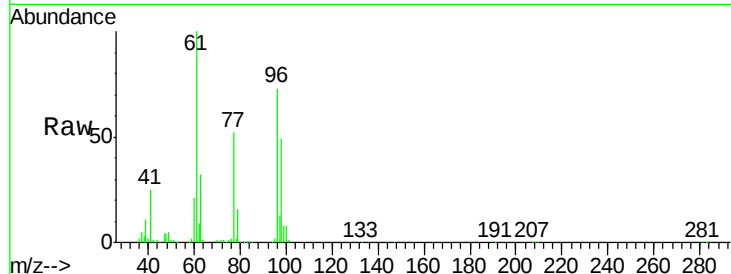
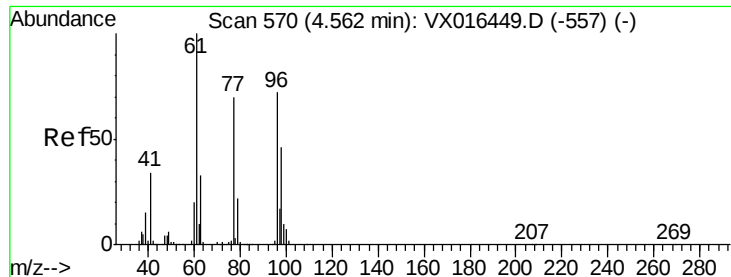
Tgt Ion: 77 Resp: 192550

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4





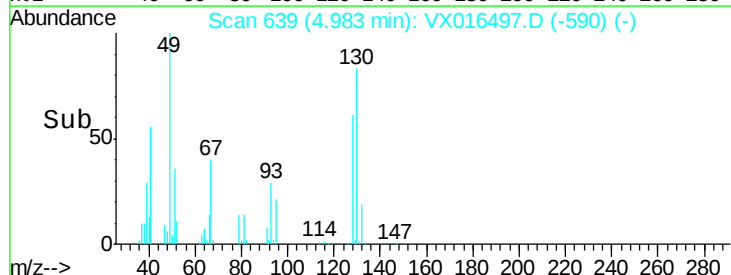
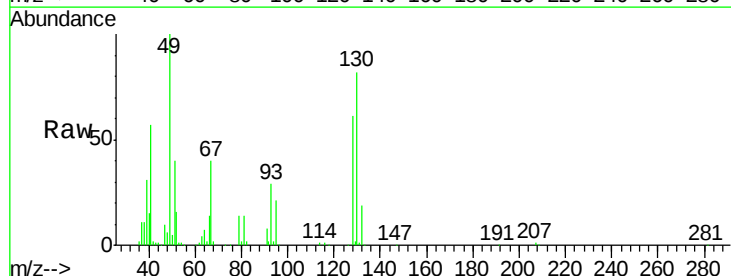
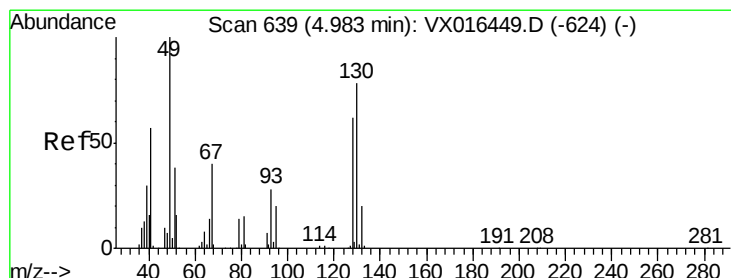
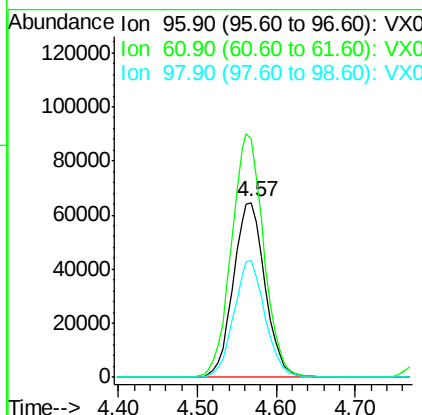
#27
 cis-1,2-Dichloroethene
 Concen: 51.863 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		179731		
61	142.3	0.0	284.6		
98	65.8	0.0	127.2		

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

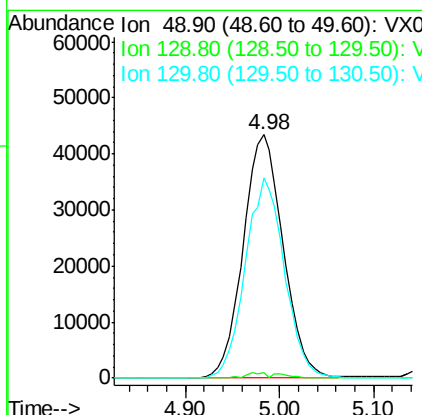
Manual Integrations
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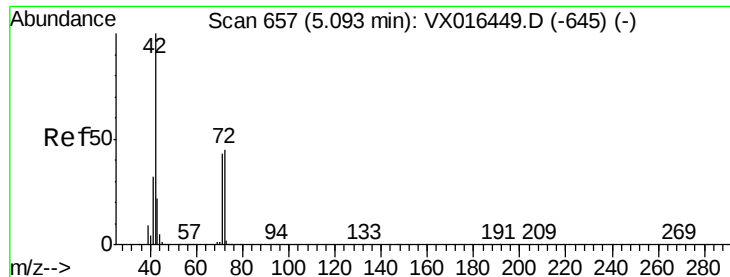
MMDadoda
 5/29/2020 10:57:51 AM



#28
 Bromochloromethane
 Concen: 51.617 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		129533		
129	1.1	0.0	4.0		
130	80.3	63.0	94.4		





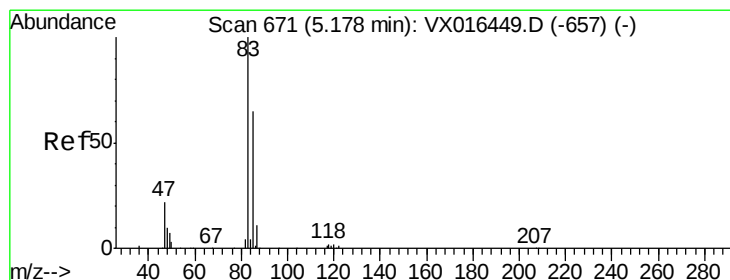
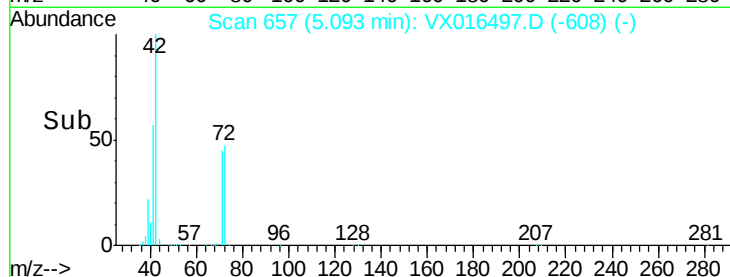
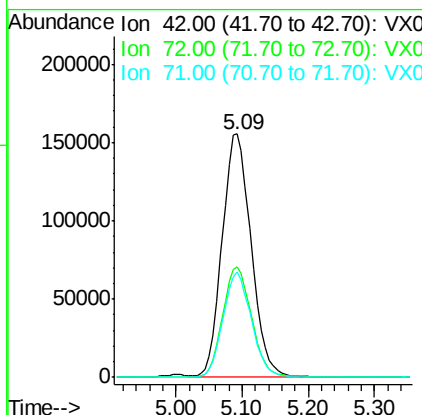
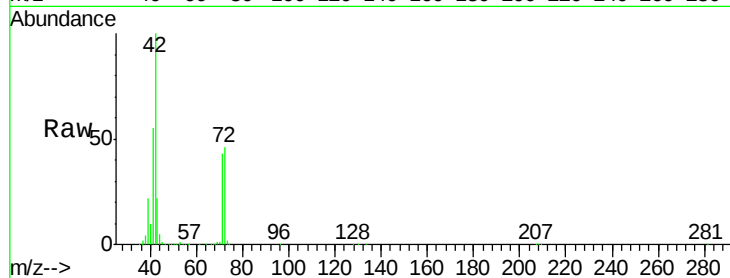
#29
Tetrahydrofuran
Concen: 280.747 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	37.0	55.4
71	42.4	34.1	51.1

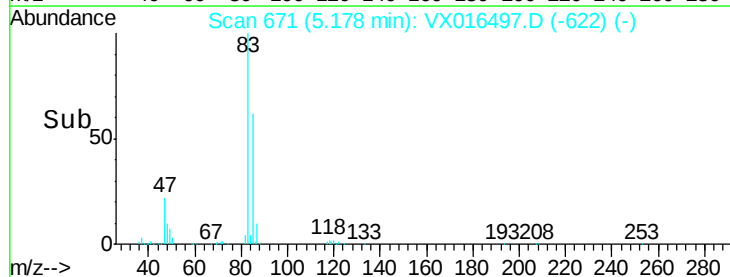
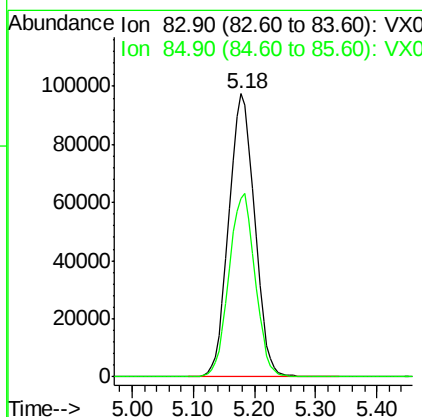
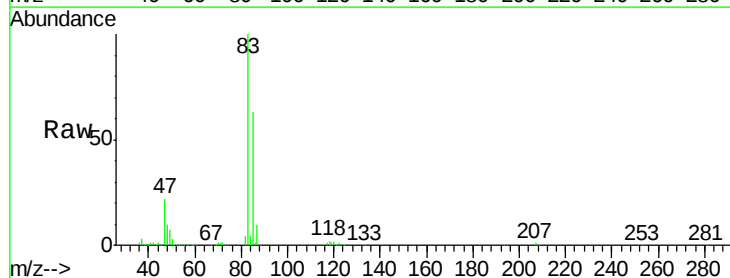
Manual Integrations
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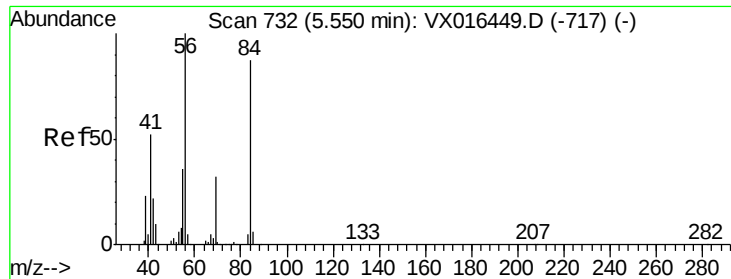
MMDadoda
5/29/2020 10:57:51 AM



#30
Chloroform
Concen: 52.209 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.0	78.0





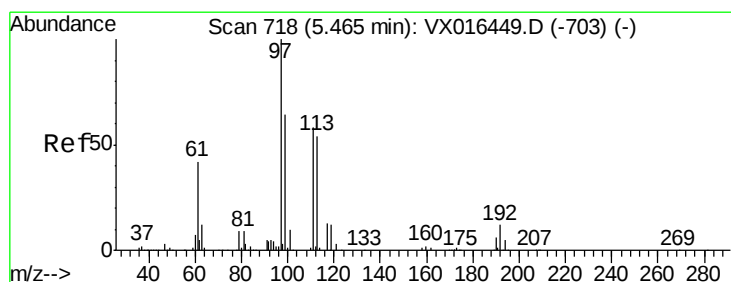
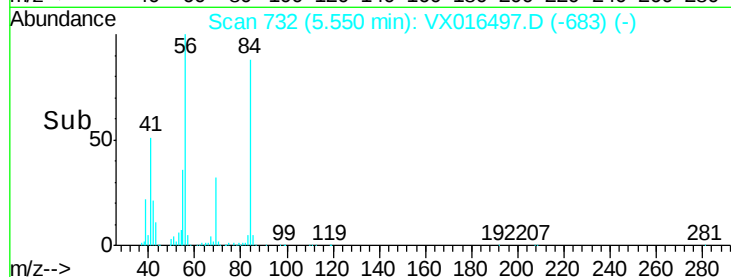
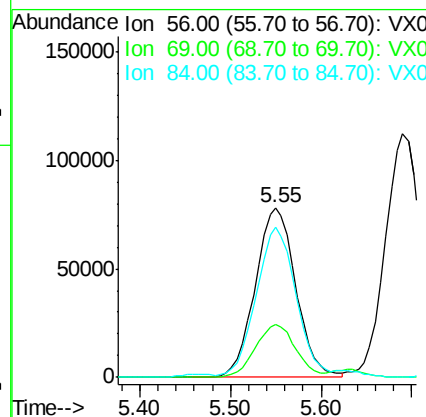
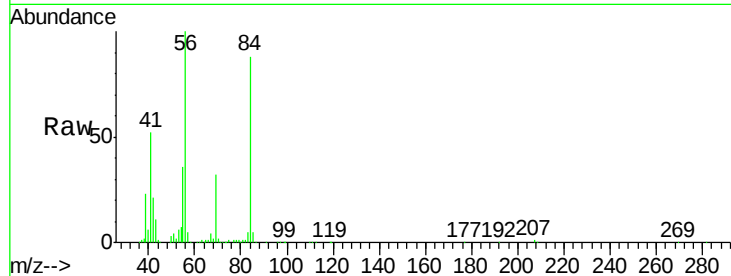
#31
Cyclohexane
Concen: 49.494 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.7	38.5
84	87.0	70.0	105.0

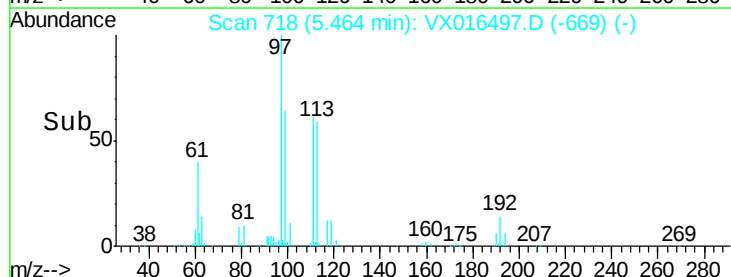
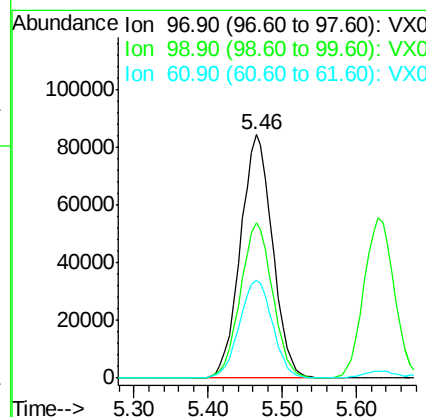
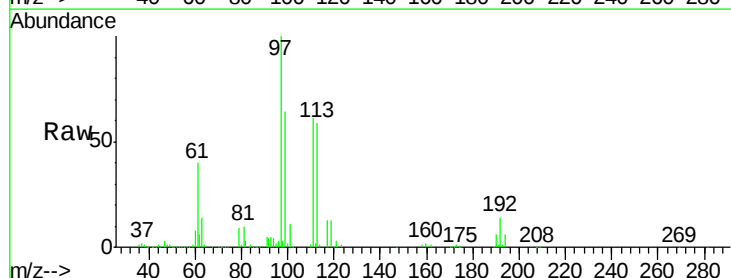
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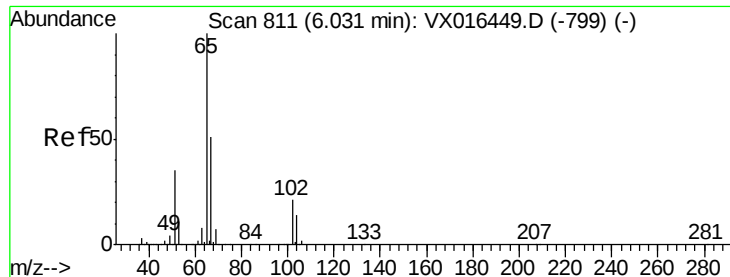
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.600 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	41.5	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 52.279 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 65 Resp: 182732

Ion Ratio Lower Upper

65 100

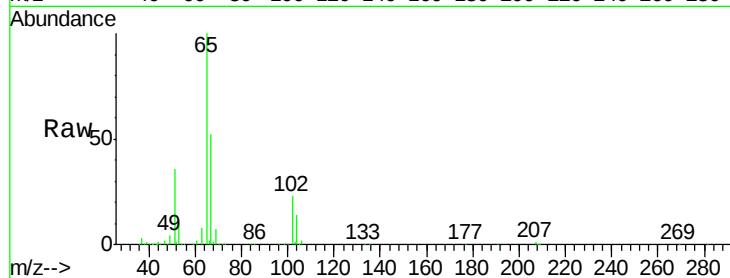
67 52.4 0.0 104.8

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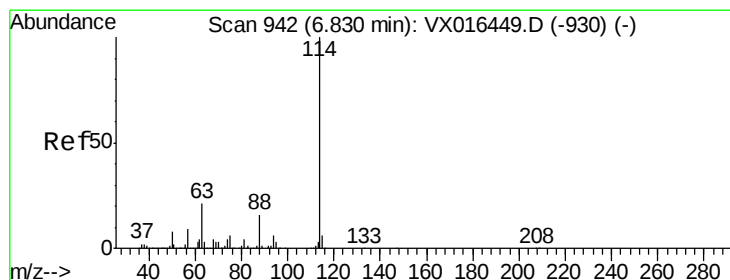
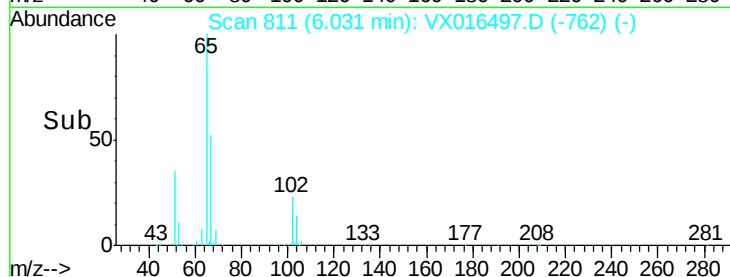
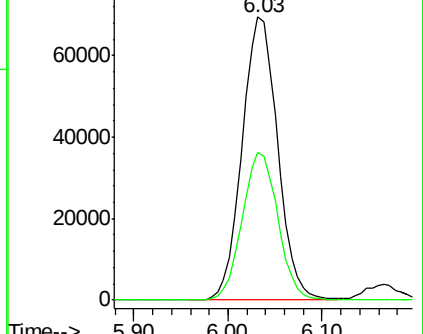
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

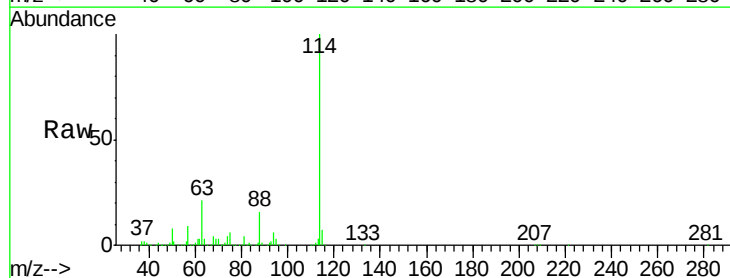
Tgt Ion: 114 Resp: 456291

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

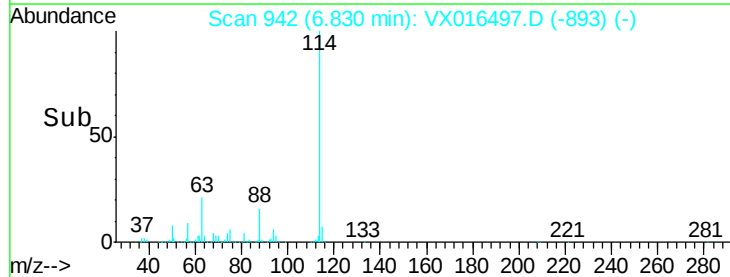
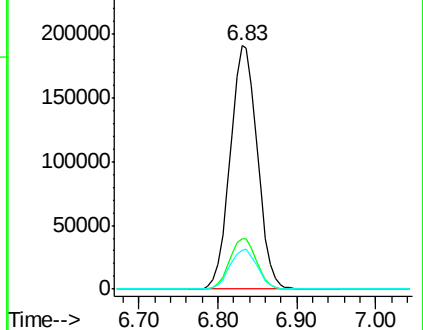
88 16.0 0.0 32.8

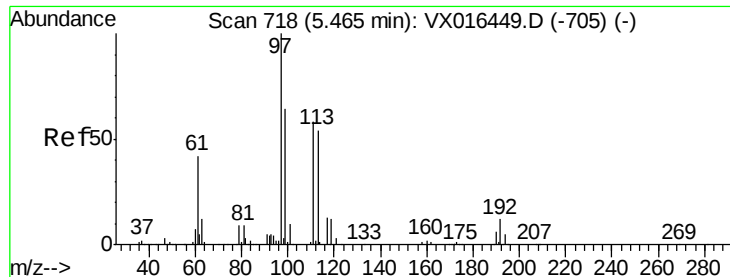


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.291 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

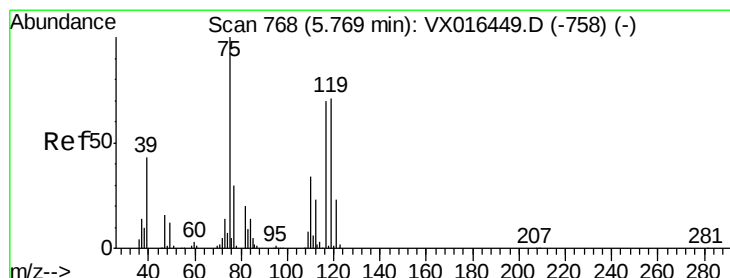
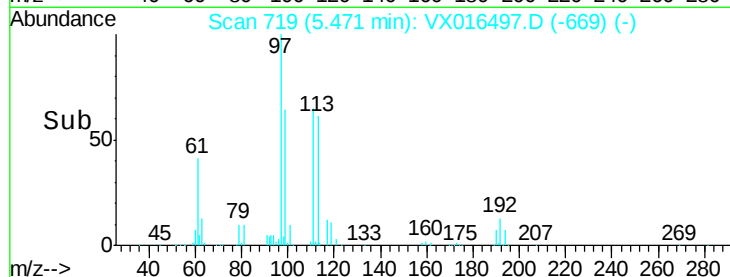
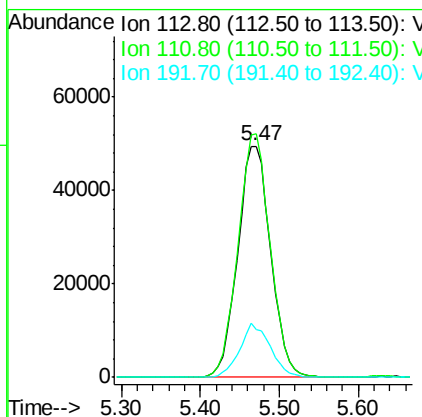
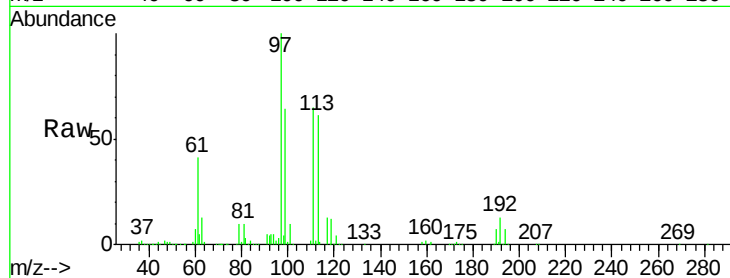
ClientSampleId :

WP022RW358-200526MS

Tot Ion:	113	Resp:	144108
Ion Ratio	Lower	Upper	
113	100		
111	102.4	83.0	124.6
192	21.6	17.7	26.5

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#36

1,1-Dichloropropene

Concen: 49.565 ug/l

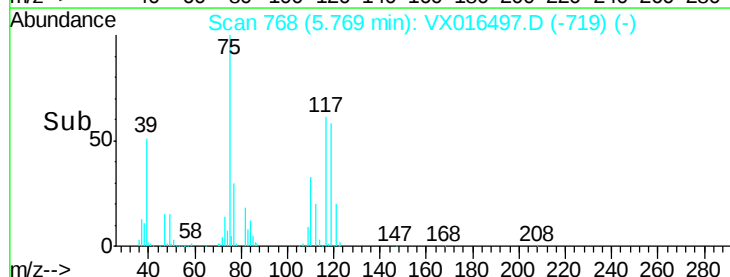
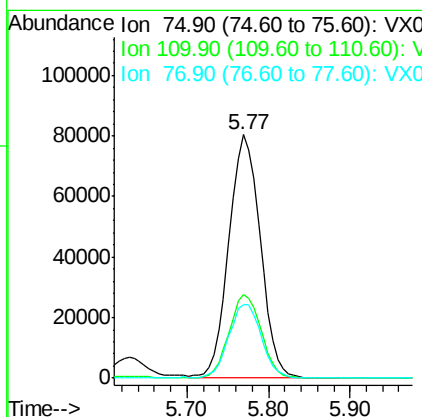
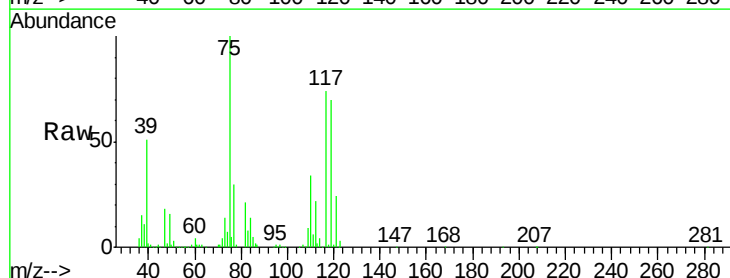
RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion:	75	Resp:	214131
Ion Ratio	Lower	Upper	
75	100		
110	34.9	17.4	52.3
77	31.4	24.2	36.4





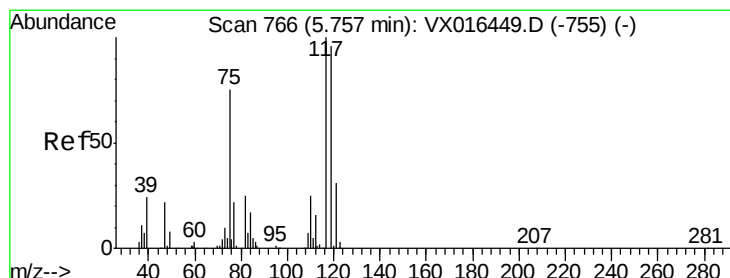
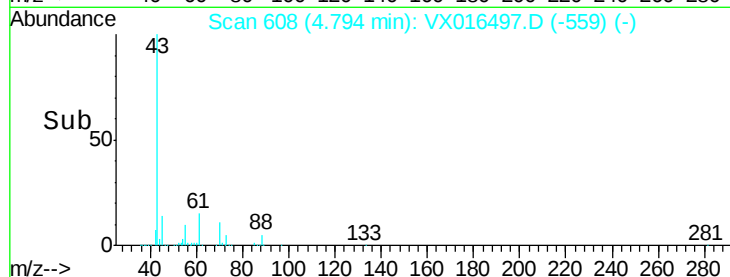
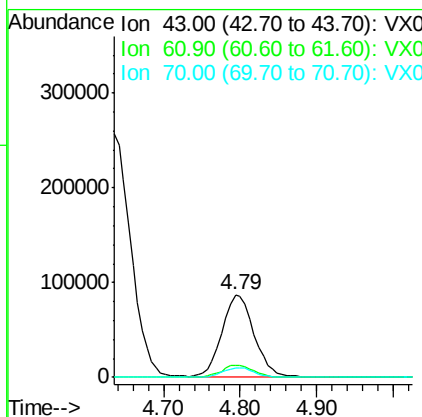
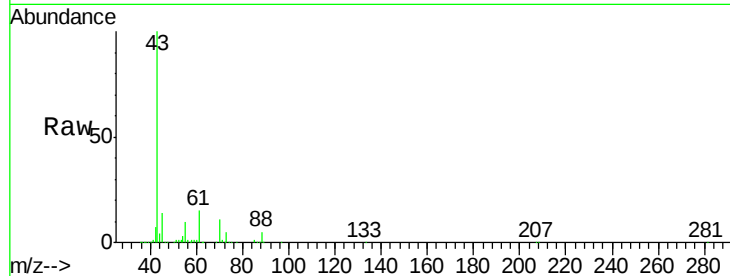
#37
Ethyl Acetate
Concen: 48.974 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion:	43	Resp:	254016
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	11.6	9.3	13.9

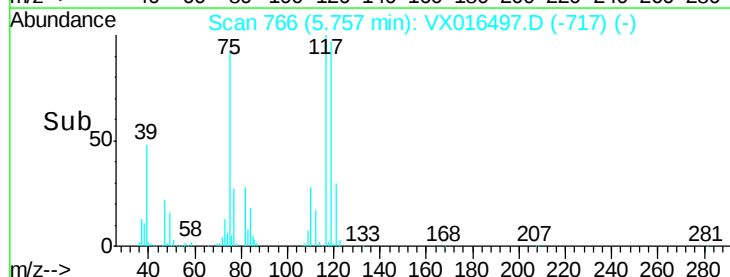
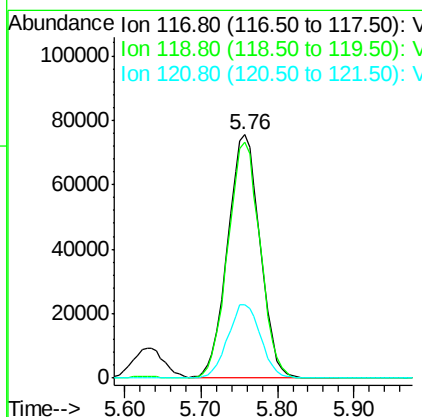
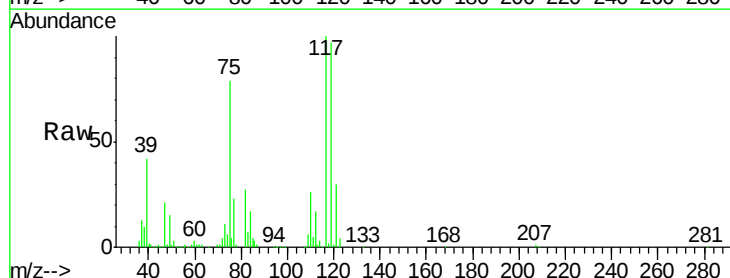
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#38
Carbon Tetrachloride
Concen: 48.740 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion:	117	Resp:	221286
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.3	114.5
121	30.3	24.6	37.0





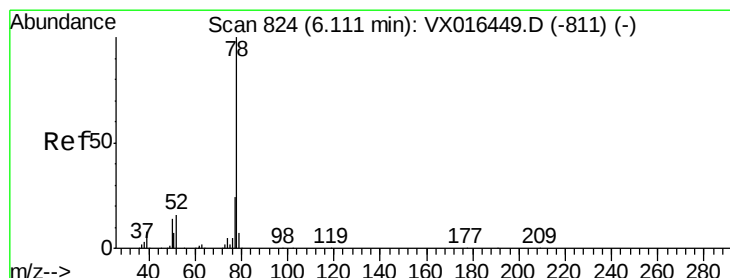
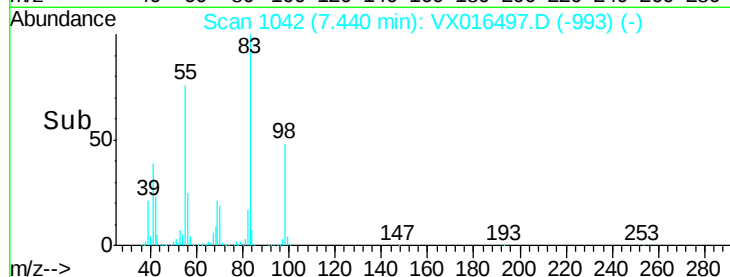
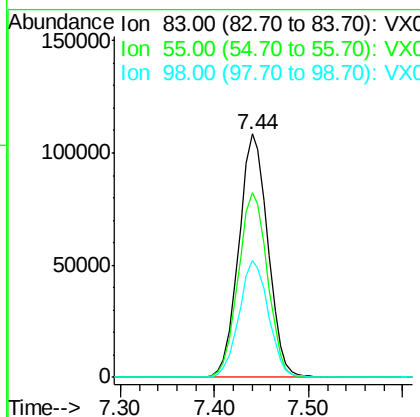
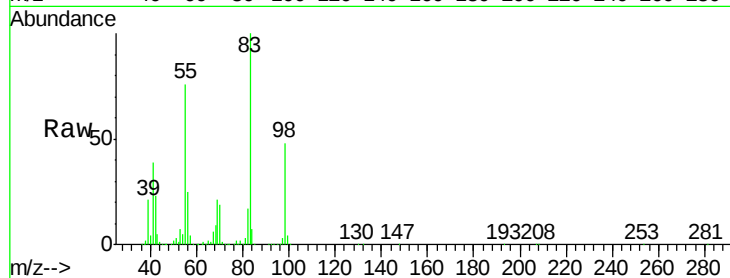
#39
Methvlcvclohexane
Concen: 49.456 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	232071		
55	75.6		61.7	92.5
98	48.1		38.7	58.1

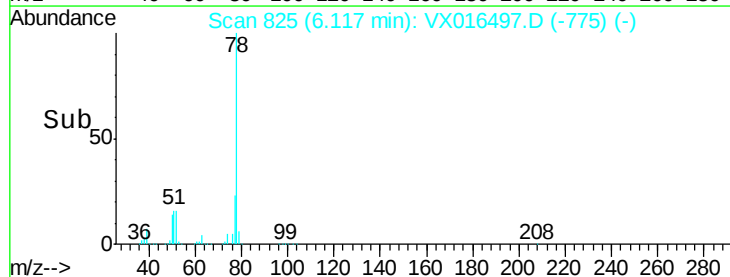
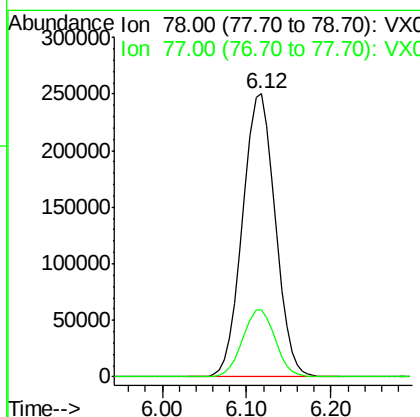
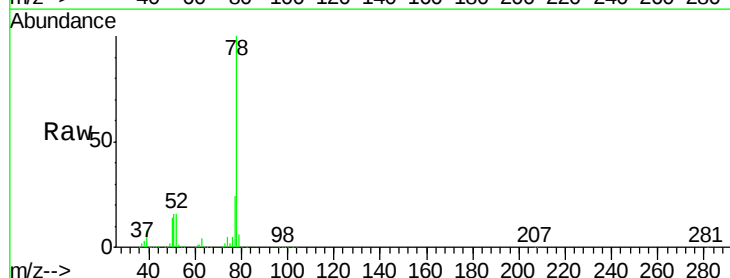
Manual Integrations
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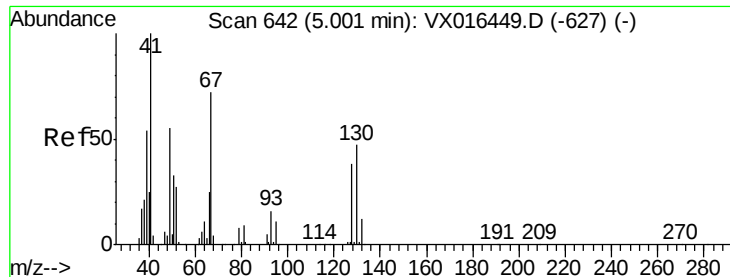
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#40
Benzene
Concen: 51.130 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	657811		
77	23.5		18.9	28.3





#41

Methacrylonitrile

Concen: 50.219 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

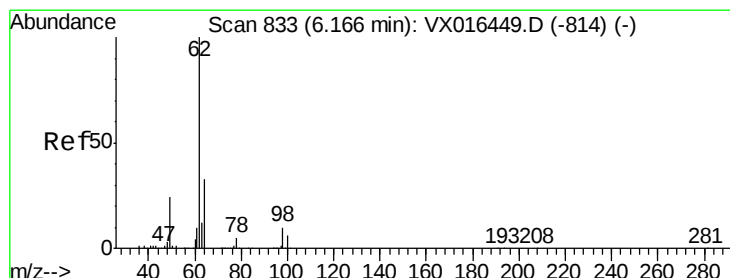
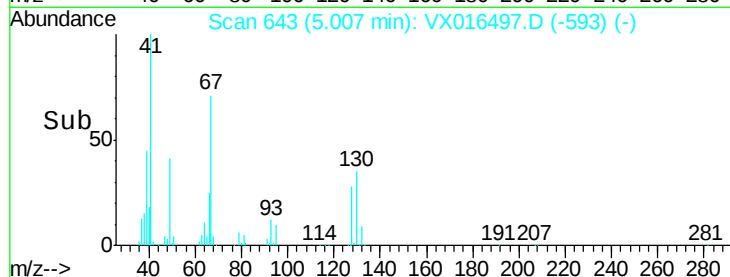
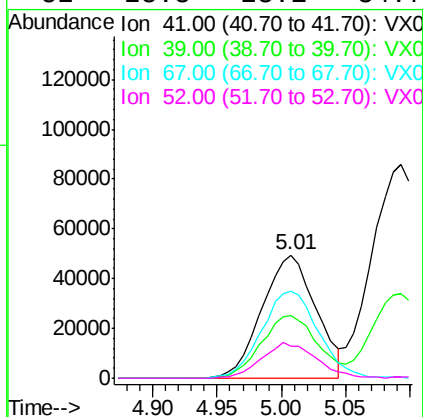
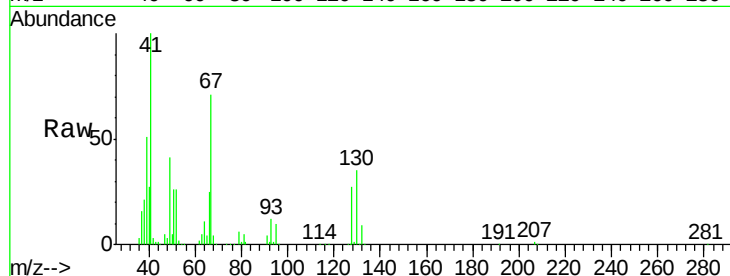
ClientSampleId :

WP022RW358-200526MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	43.0	64.4	
67	74.8	58.9	88.3	
52	28.8	23.1	34.7	

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#42

1,2-Dichloroethane

Concen: 49.744 ug/l

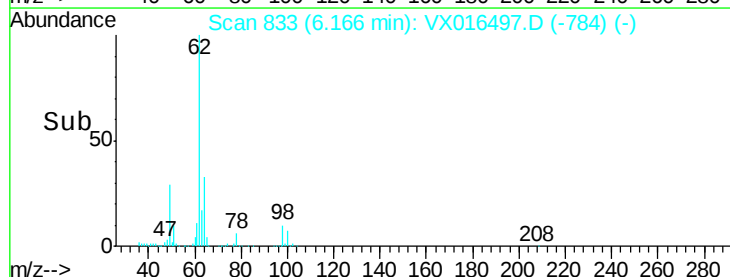
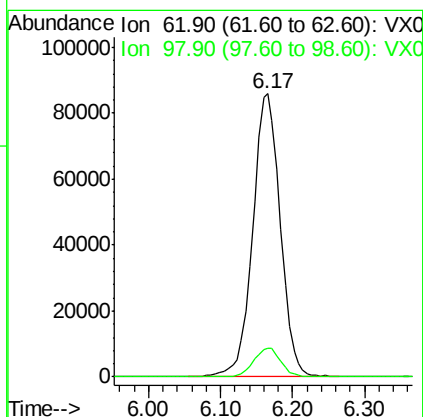
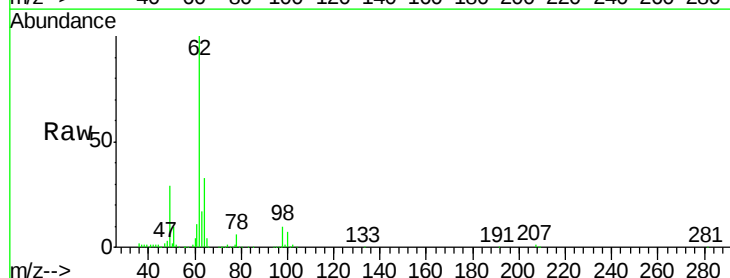
RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	19.8	





#43

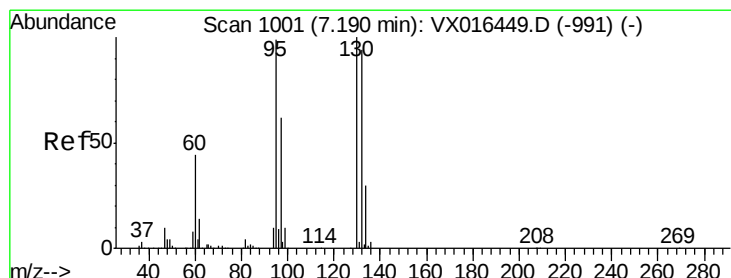
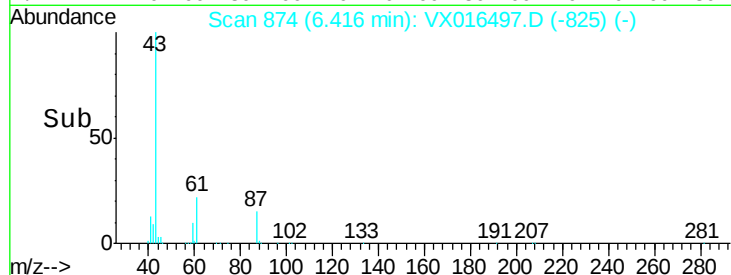
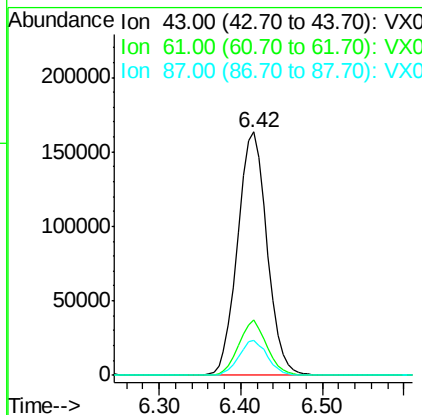
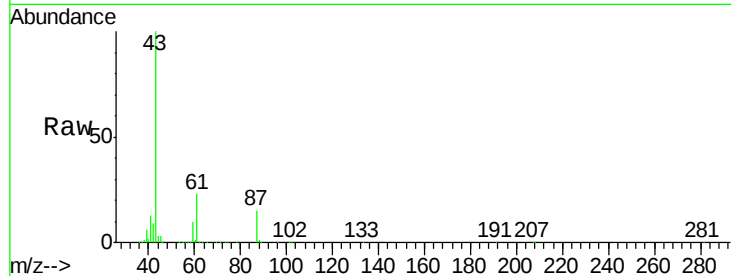
Isopropyl Acetate
 Concen: 50.239 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	16.8	25.2
87	14.1	11.2	16.8

Manual Integrations
 APPROVED

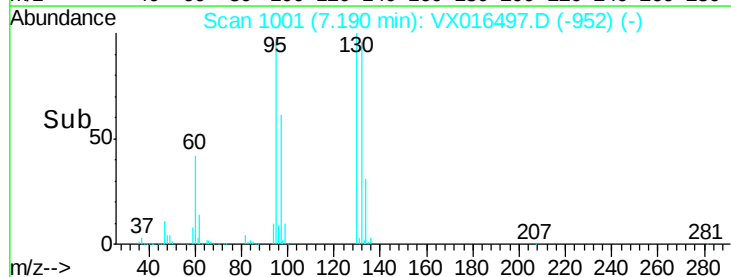
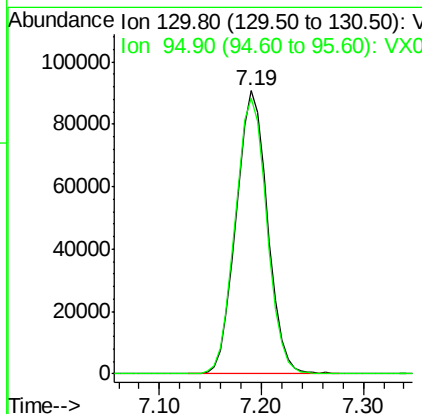
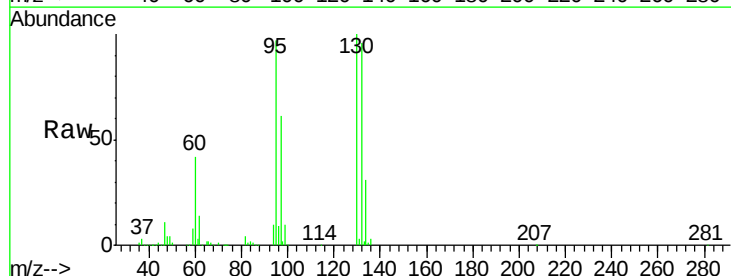
MMDadoda
 5/29/2020 10:57:51 AM

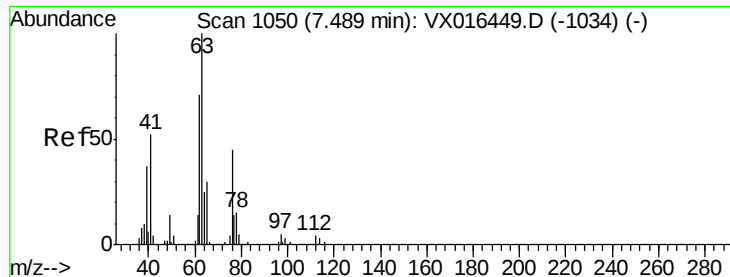


#44

Trichloroethene
 Concen: 47.470 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	198.2





#45

1,2-Dichloropropane

Concen: 51.308 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 63 Resp: 168045

Ion Ratio Lower Upper

63 100

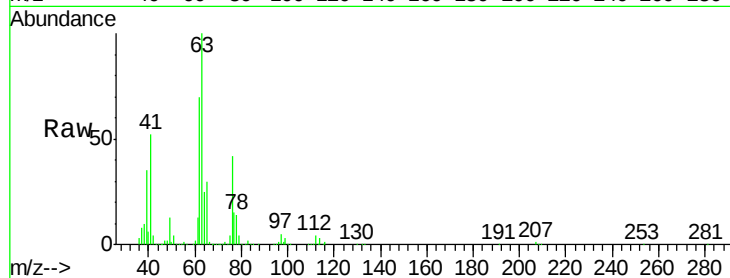
65 30.3 24.2 36.2

Manual Integrations

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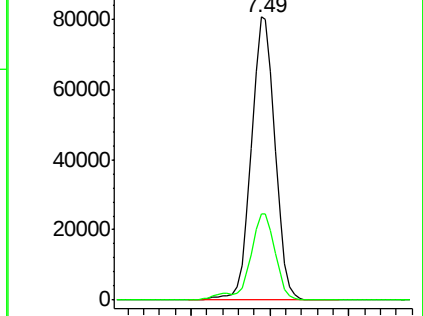
MMDadoda

5/29/2020 10:57:51 AM

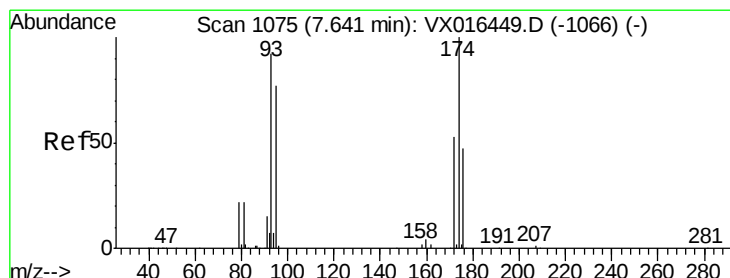
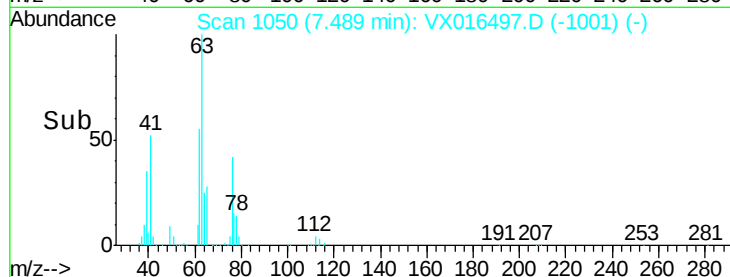


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 49.985 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

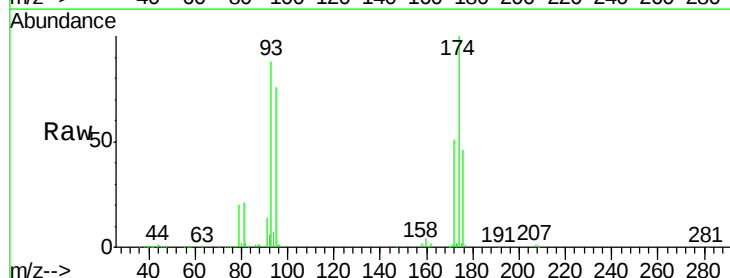
Tgt Ion: 93 Resp: 109960

Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

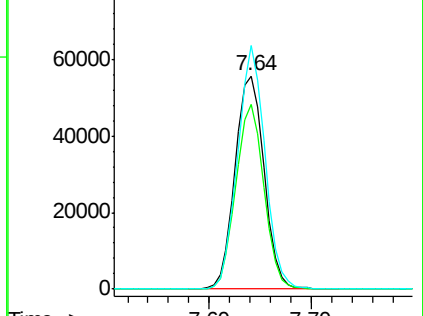
174 107.5 86.2 129.4



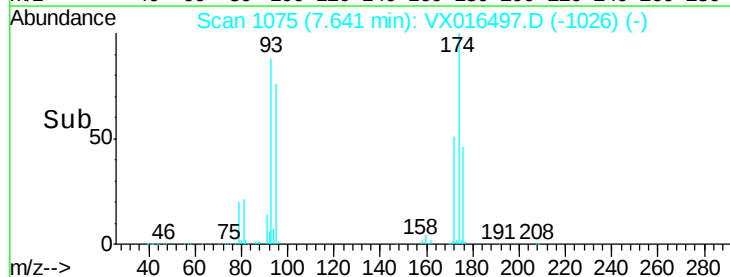
Abundance Ion 92.80 (92.50 to 93.50): VX0

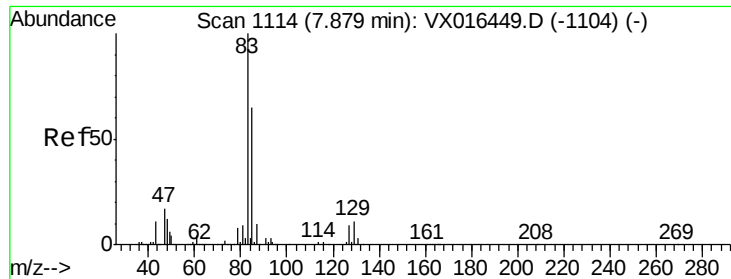
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 51.004 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

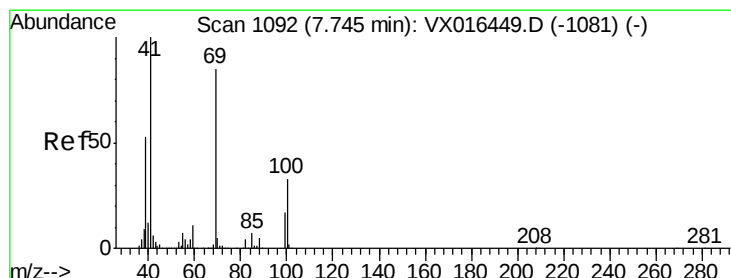
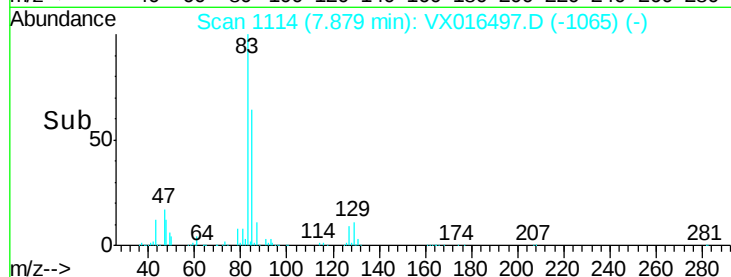
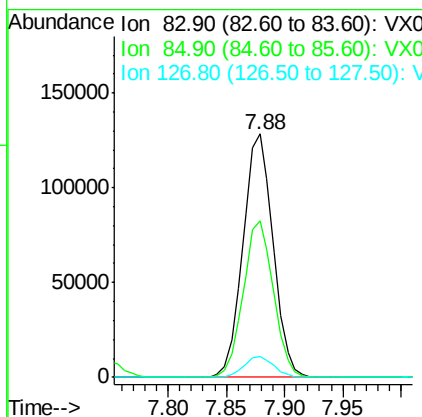
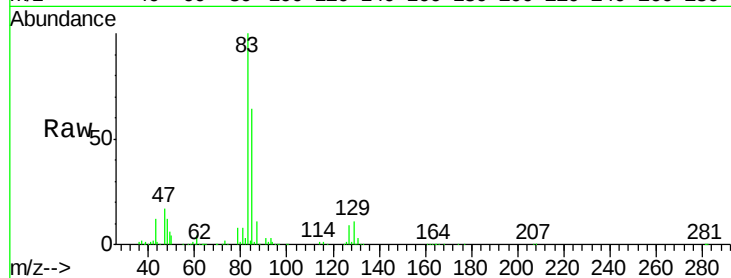
ClientSampleId :

WP022RW358-200526MS

Tot Ion:	83	Resp:	232326
Ion Ratio	Lower	Upper	
83	100		
85	64.3	52.0	78.0
127	8.6	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.415 ug/l

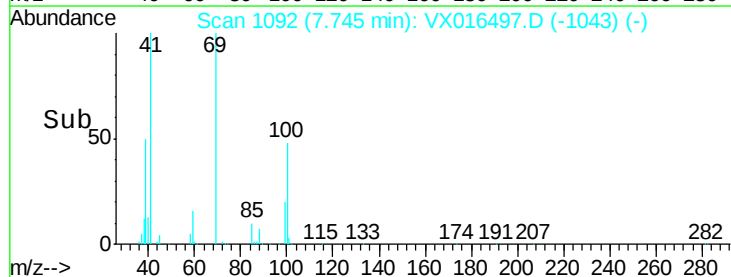
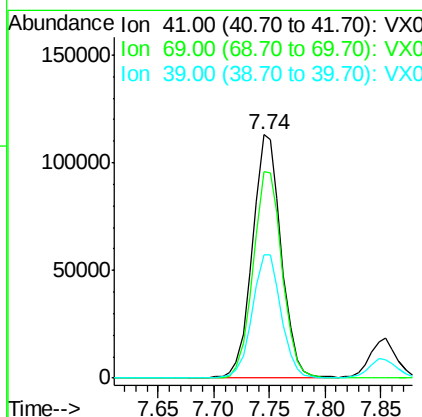
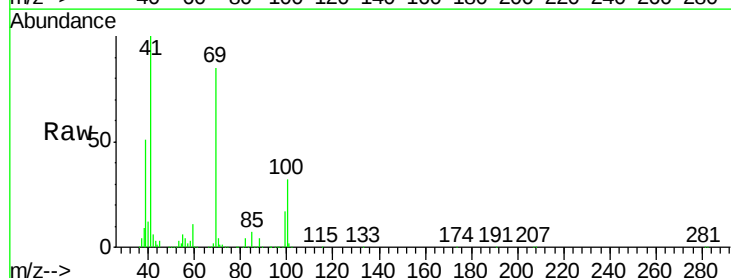
RT: 7.74 min Scan# 1092

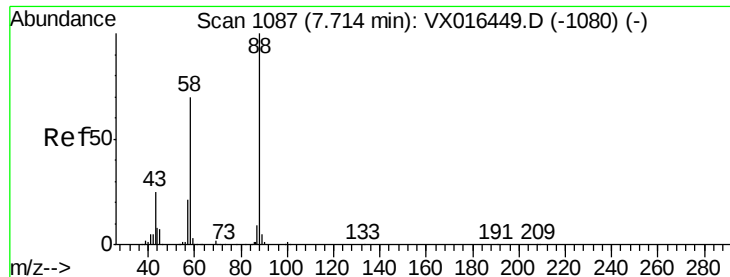
Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion:	41	Resp:	203042
Ion Ratio	Lower	Upper	
41	100		
69	86.0	68.6	102.8
39	50.8	42.4	63.6





#49

1,4-Dioxane

Concen: 958.441 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

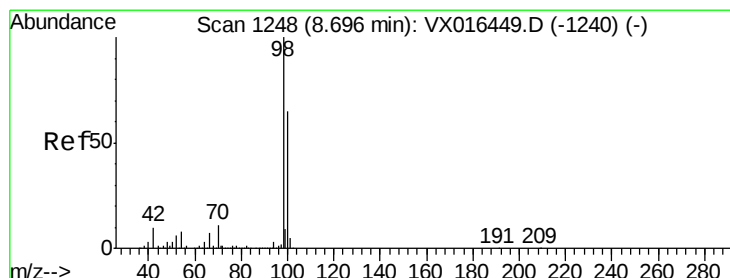
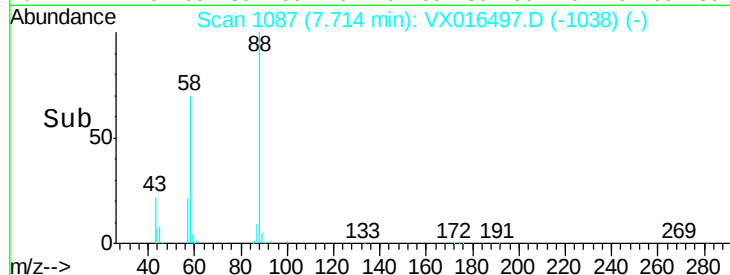
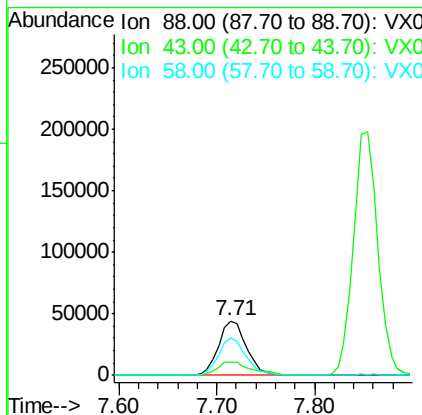
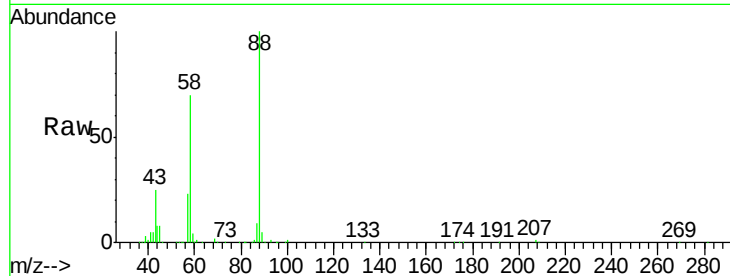
ClientSampleId :

WP022RW358-200526MS

Tot Ion:	88	Resp:	86887
Ion	Ratio	Lower	Upper
88	100		
43	30.9	24.2	36.4
58	69.6	56.5	84.7

Manual Integrations
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#50

Toluene-d8

Concen: 51.268 ug/l

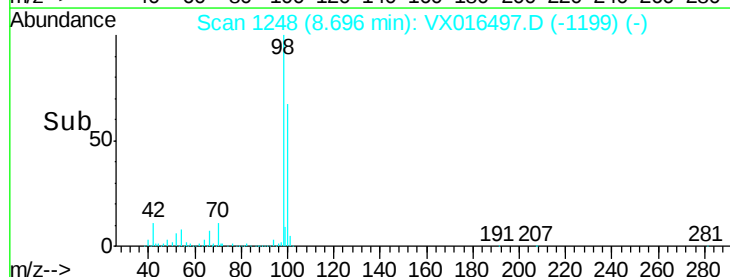
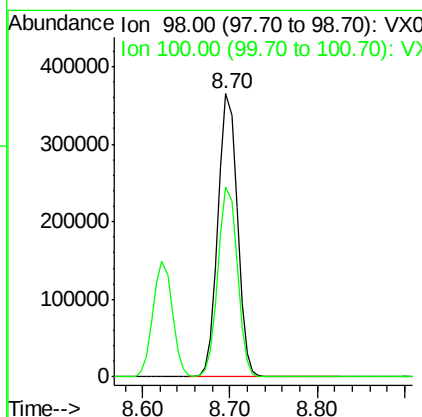
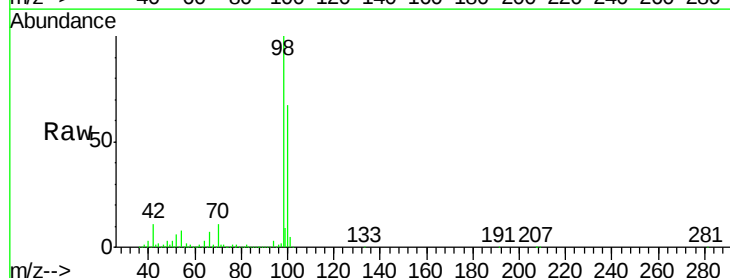
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion:	98	Resp:	560642
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 267.133 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 43 Resp: 1345710

Ion Ratio Lower Upper

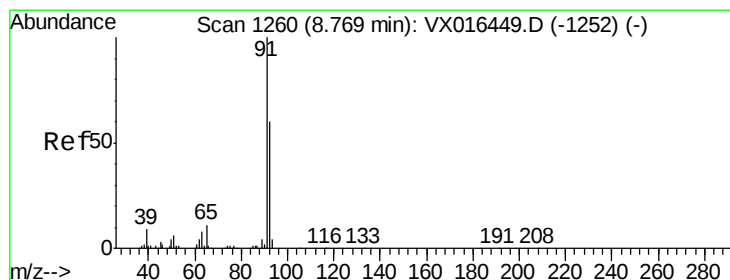
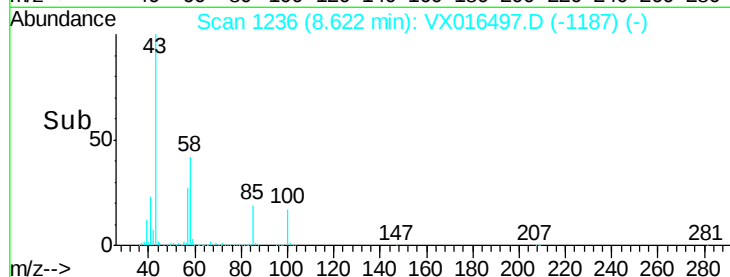
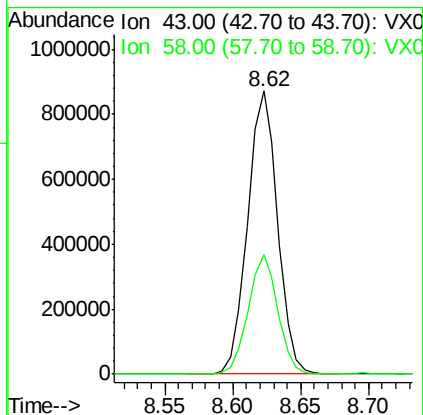
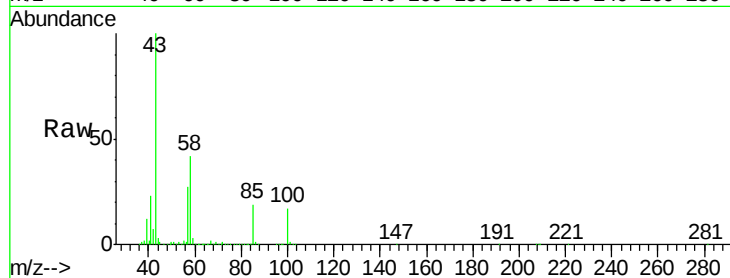
43 100

58 41.4 33.0 49.6

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#52

Toluene

Concen: 50.799 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016497.D

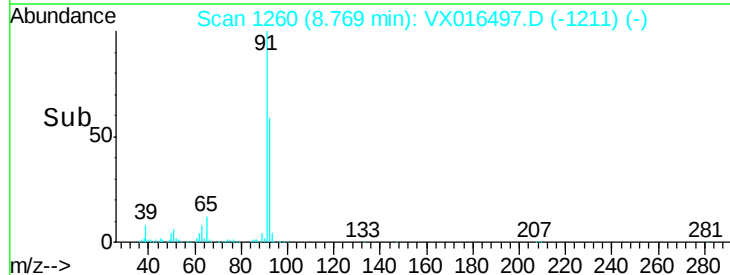
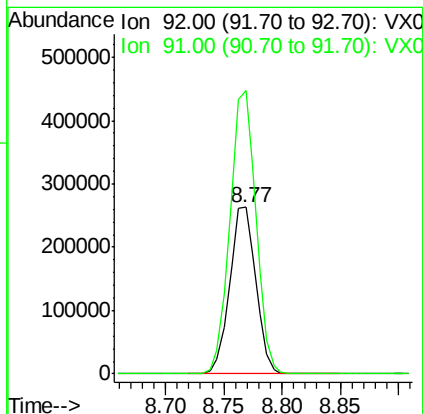
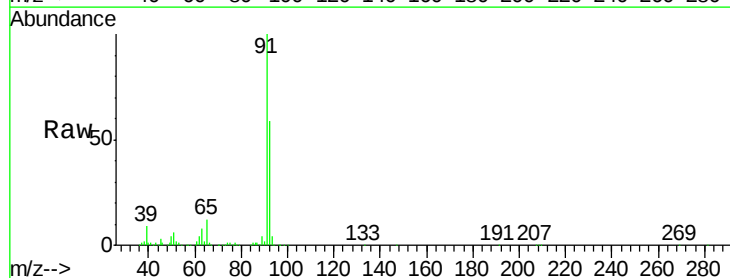
Acq: 28 May 2020 19:42

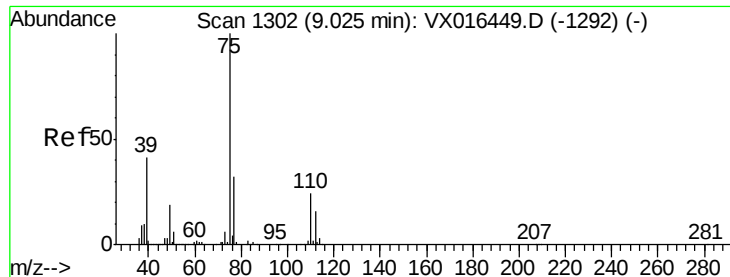
Tgt Ion: 92 Resp: 412127

Ion Ratio Lower Upper

92 100

91 168.9 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 50.276 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 75 Resp: 260403

Ion Ratio Lower Upper

75 100

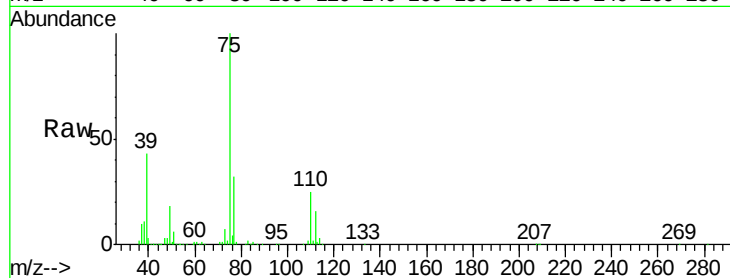
77 31.9 25.5 38.3

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

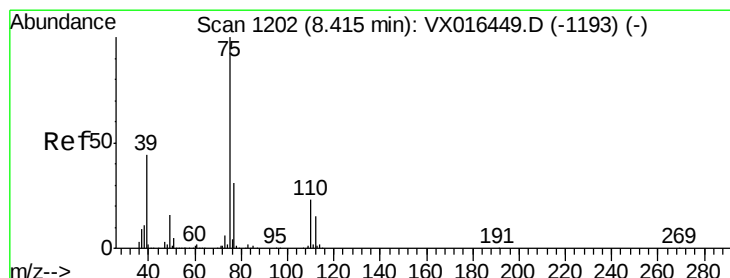
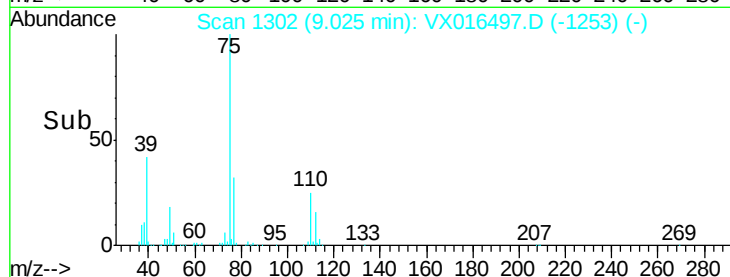
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.111 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

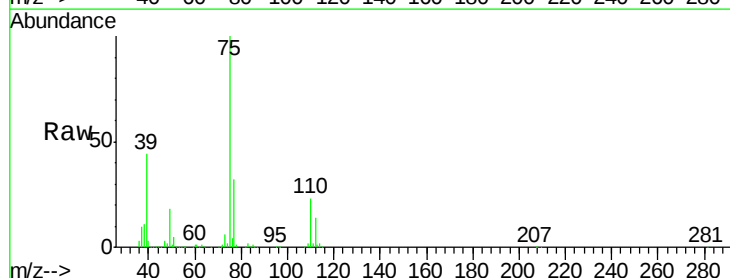
Tgt Ion: 75 Resp: 274726

Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

39 43.5 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

200000

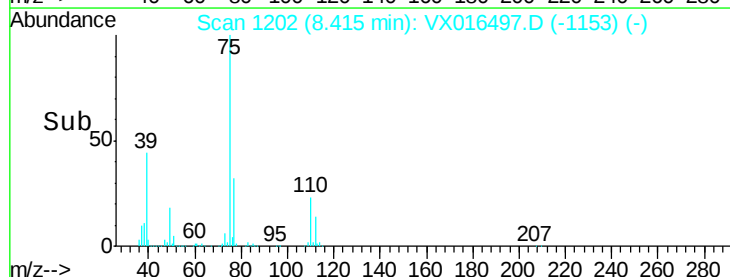
150000

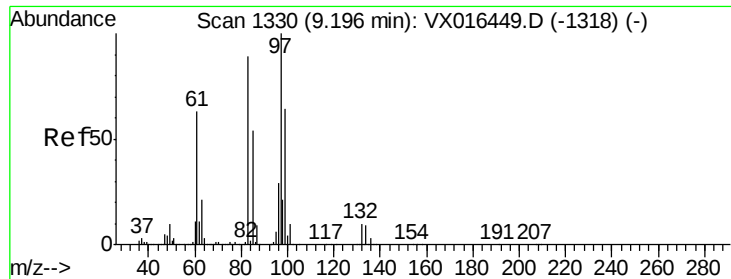
100000

50000

0

Time-->





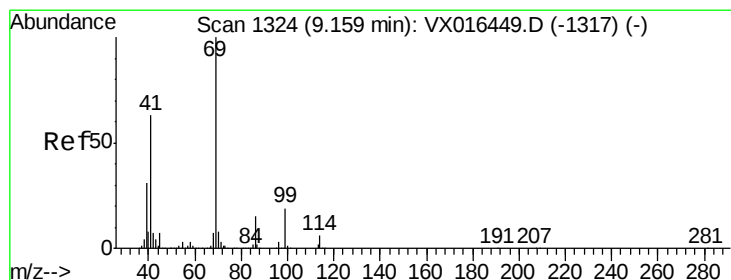
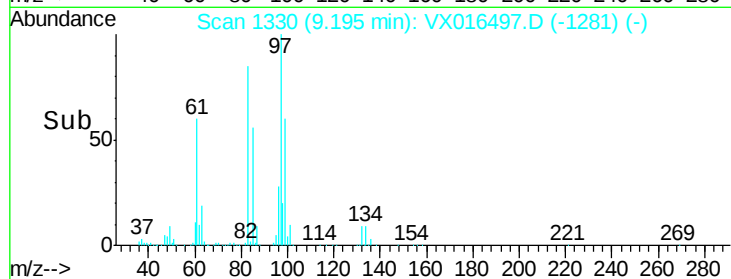
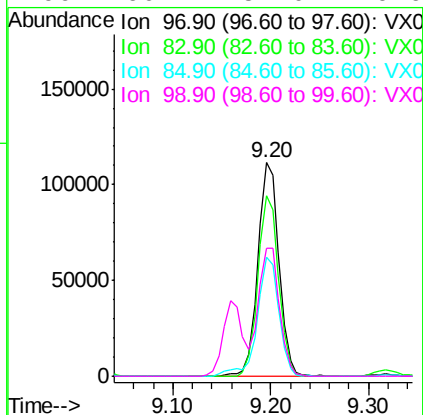
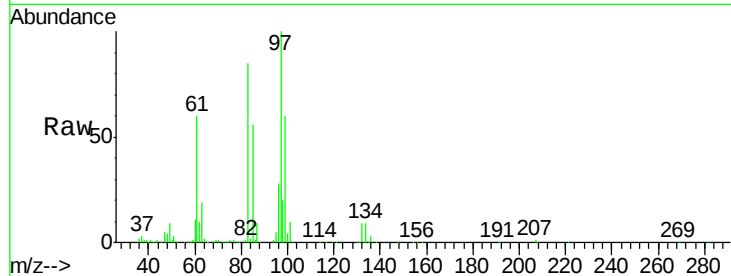
#55
 1,1,2-Trichloroethane
 Concen: 51.537 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

Tot Ion:	97	Resp:	166240
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.9	106.3
85	55.9	43.4	65.2
99	60.2	51.0	76.6

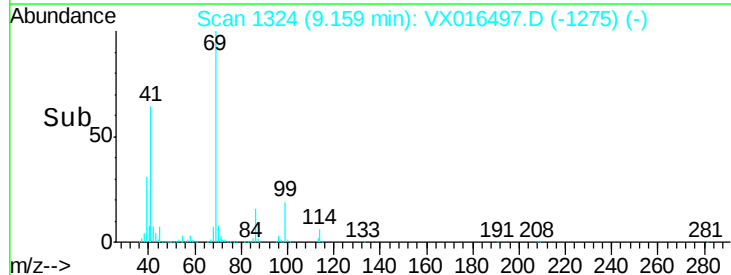
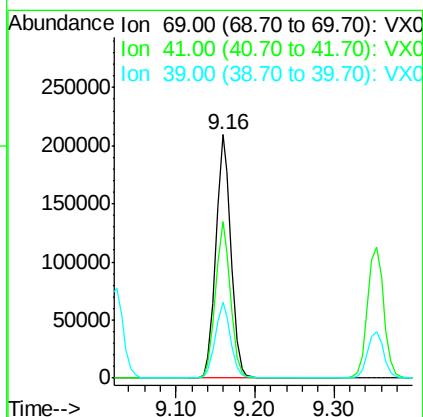
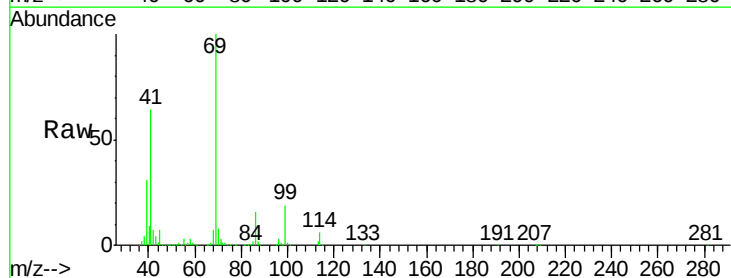
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 53.135 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Tgt Ion:	69	Resp:	279142
Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.7	76.1
39	31.4	25.8	38.6





#57

1,3-Dichloropropane

Concen: 51.949 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 76 Resp: 287625

Ion Ratio Lower Upper

76 100

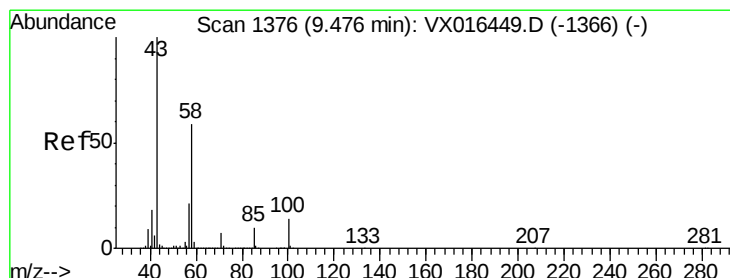
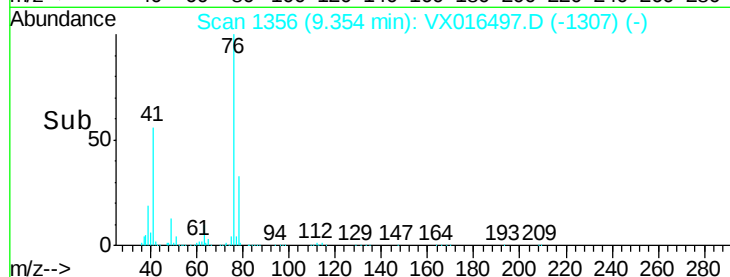
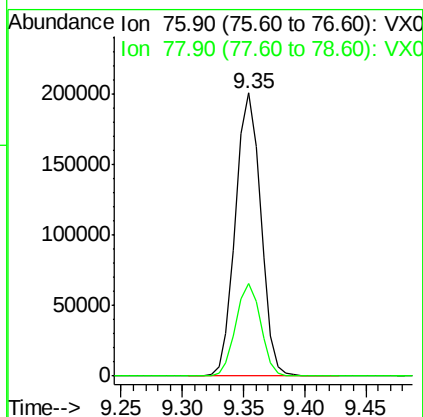
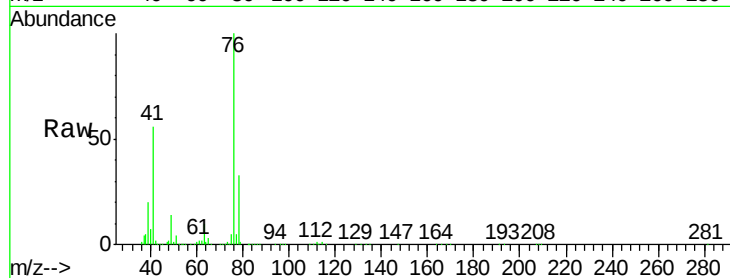
78 32.3 26.2 39.4

Manual Integrations

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#59

2-Hexanone

Concen: 269.900 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016497.D

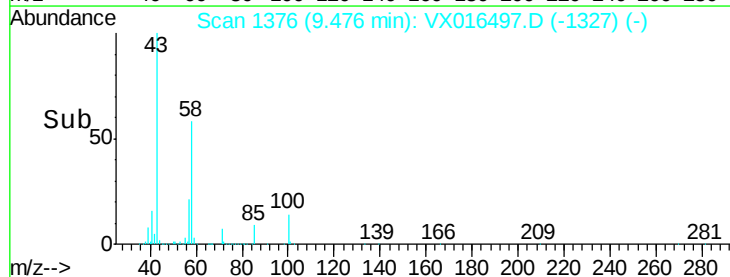
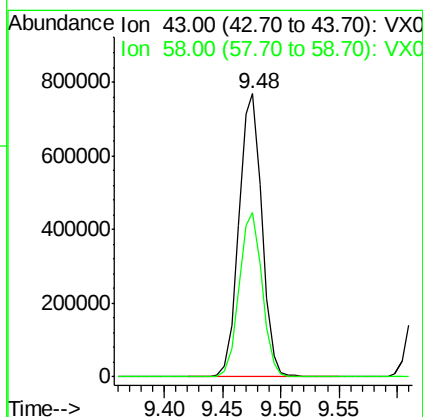
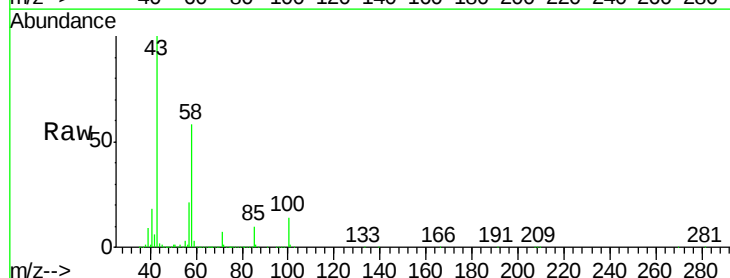
Acq: 28 May 2020 19:42

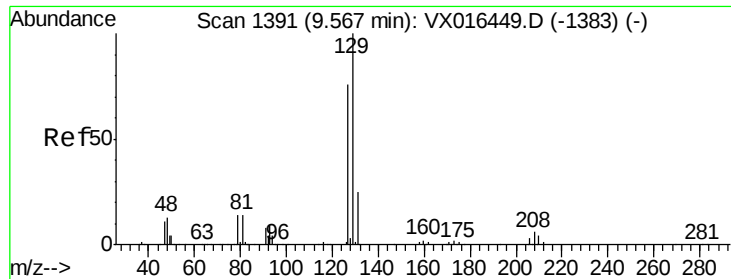
Tgt Ion: 43 Resp: 1057342

Ion Ratio Lower Upper

43 100

58 58.2 28.8 86.4





#60

Dibromochloromethane

Concen: 51.489 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion:129 Resp: 186908

Ion Ratio Lower Upper

129 100

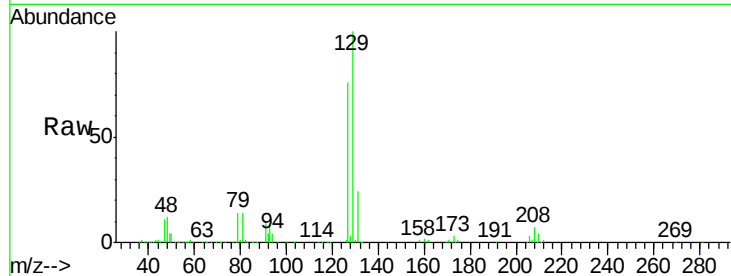
127 77.1 38.6 116.0

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

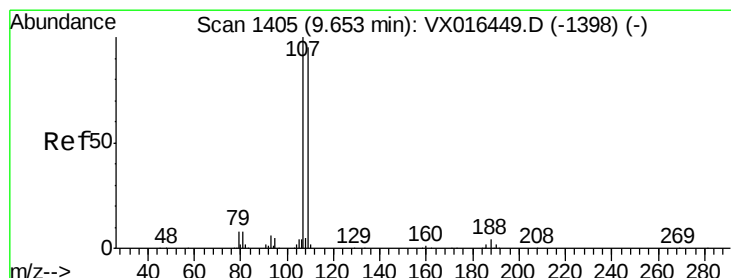
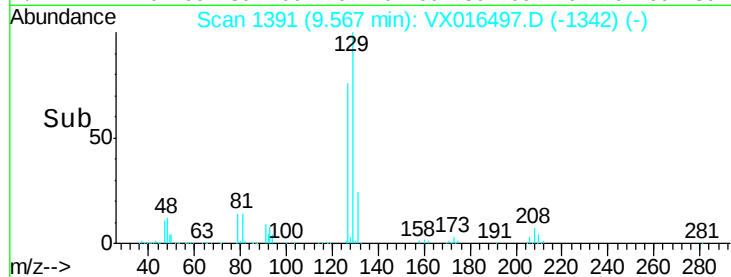
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 51.657 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016497.D

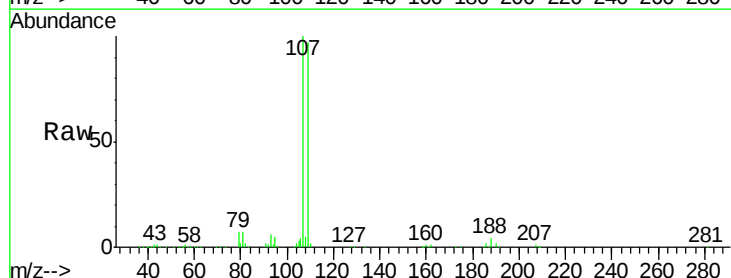
Acq: 28 May 2020 19:42

Tgt Ion:107 Resp: 178435

Ion Ratio Lower Upper

107 100

109 94.6 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

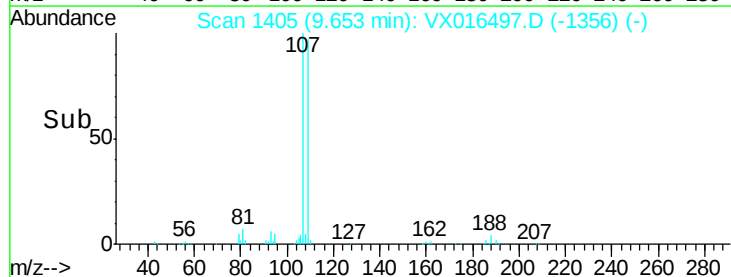
9.65

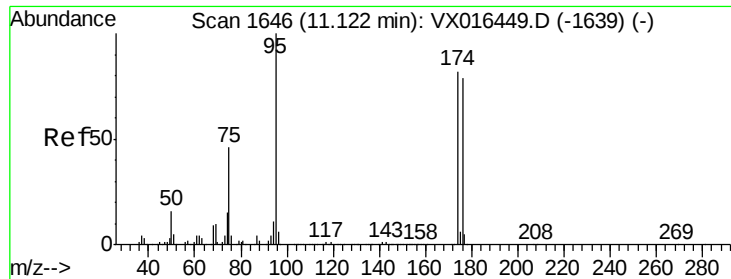
100000

50000

0

Time-->





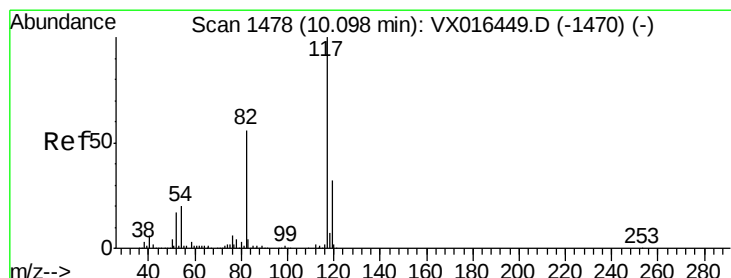
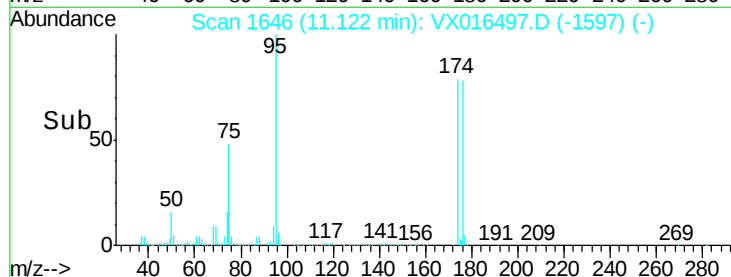
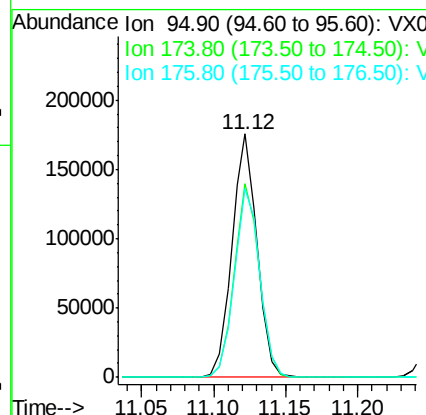
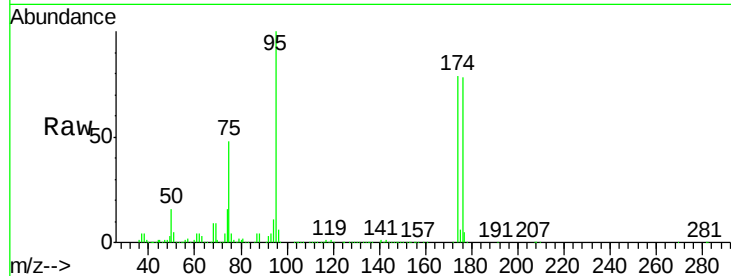
#62
4-Bromofluorobenzene
Concen: 50.765 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	214508		
174	79.6	0.0	163.0	
176	78.7	0.0	156.8	

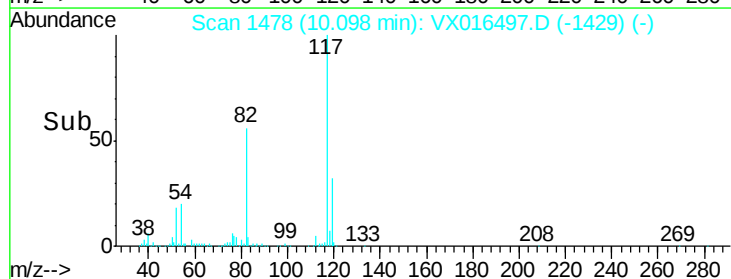
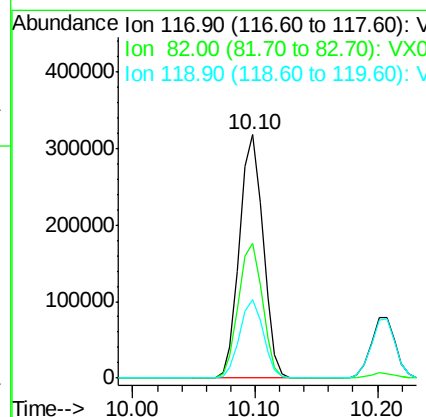
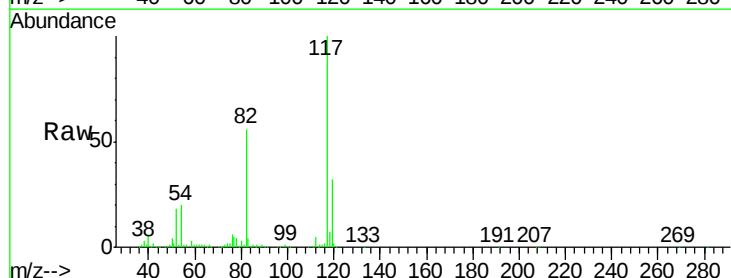
Manual Integrations
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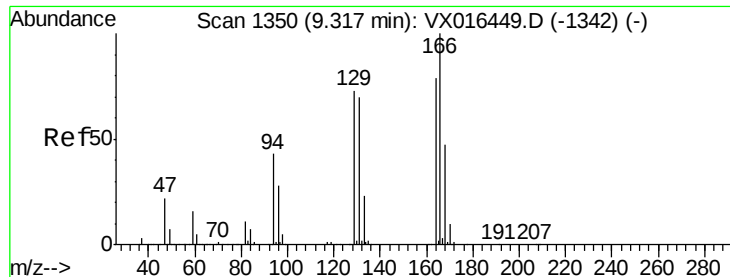
MMDadoda
5/29/2020 10:57:51 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	424431		
82	55.6	45.0	67.6	
119	32.3	25.8	38.8	





#64

Tetrachloroethene

Concen: 44.689 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

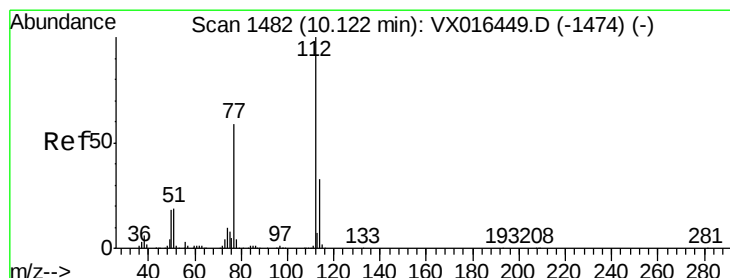
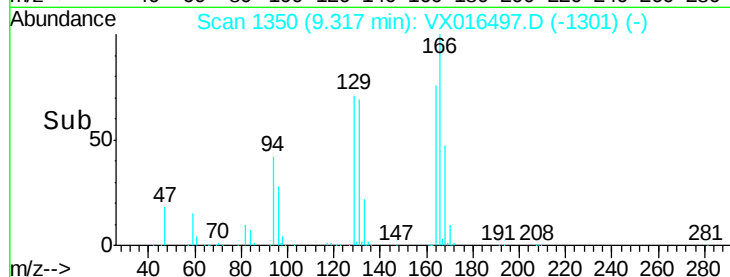
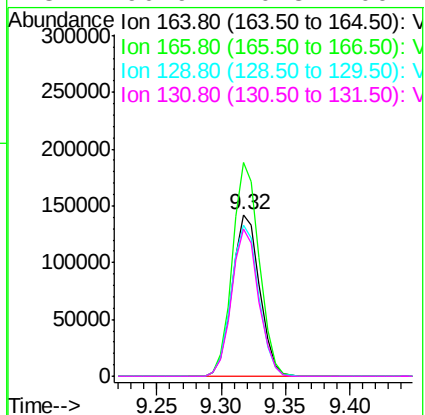
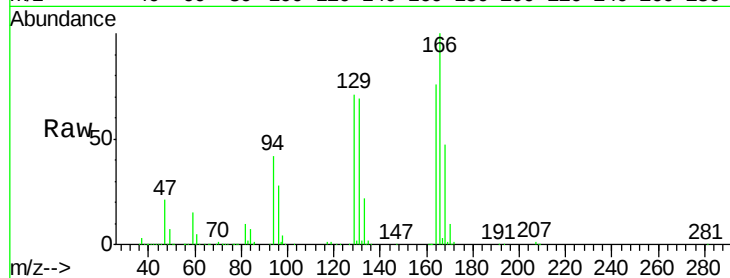
ClientSampleId :

WP022RW358-200526MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	132.0	100.9	151.3	
129	93.2	73.2	109.8	
131	90.9	70.8	106.2	

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#65

Chlorobenzene

Concen: 111.314 ug/l

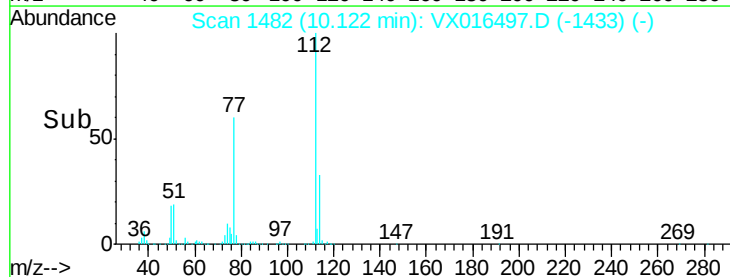
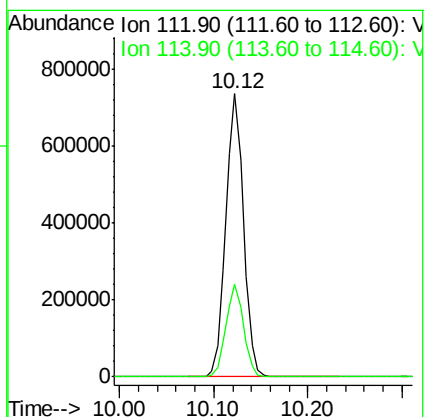
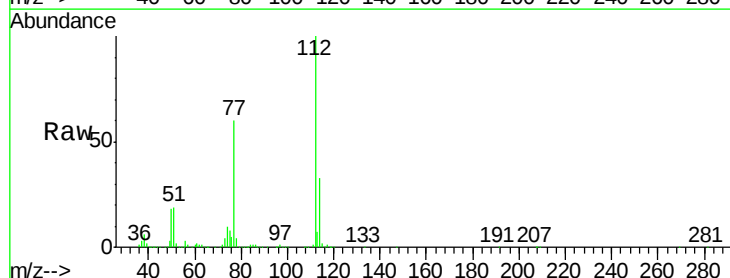
RT: 10.12 min Scan# 1482

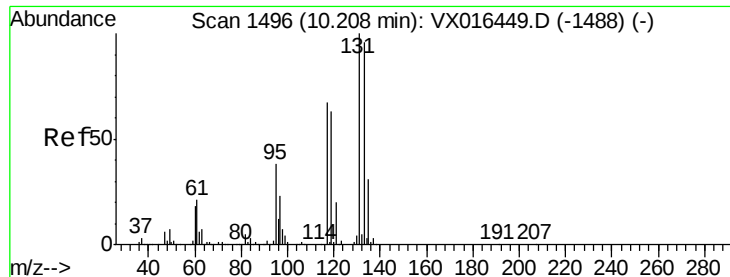
Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.7	26.0	39.0	





#66

1,1,1,2-Tetrachloroethane

Concen: 50.504 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

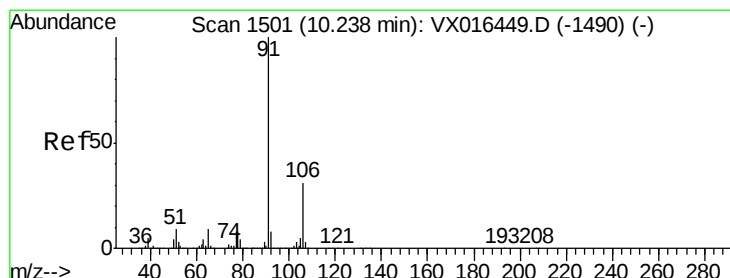
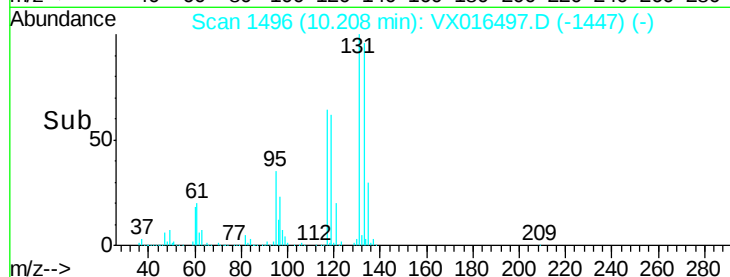
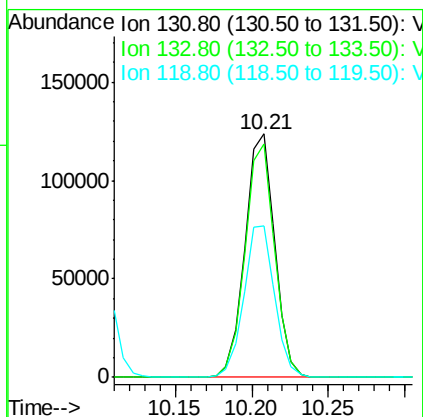
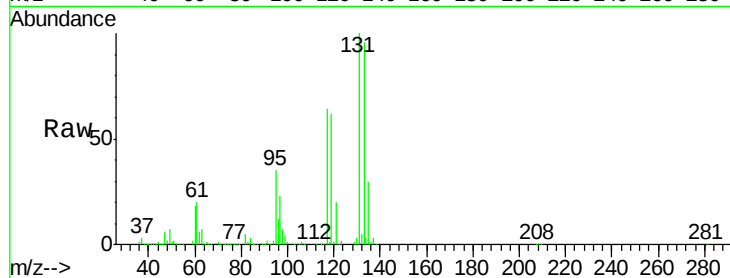
ClientSampleId :

WP022RW358-200526MS

Tot Ion:	131	Resp:	166819
Ion Ratio	Lower	Upper	
131	100		
133	95.8	48.4	145.3
119	64.0	32.0	96.2

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#67

Ethyl Benzene

Concen: 49.586 ug/l

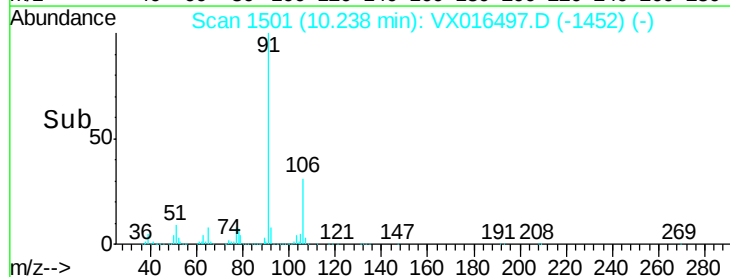
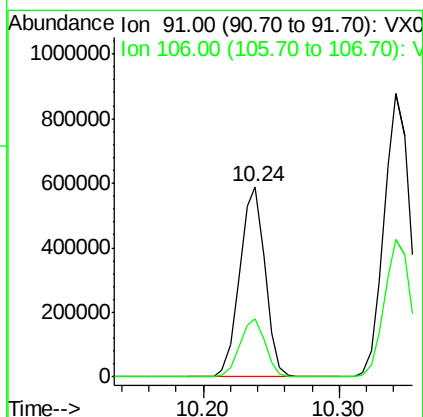
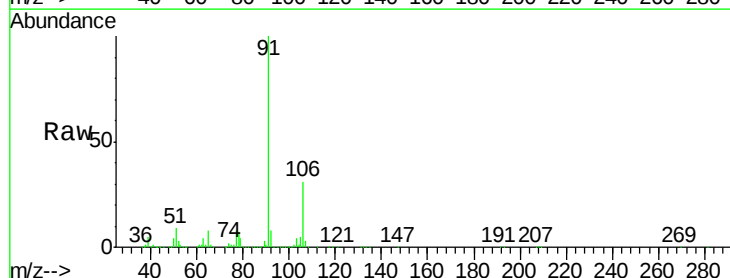
RT: 10.24 min Scan# 1501

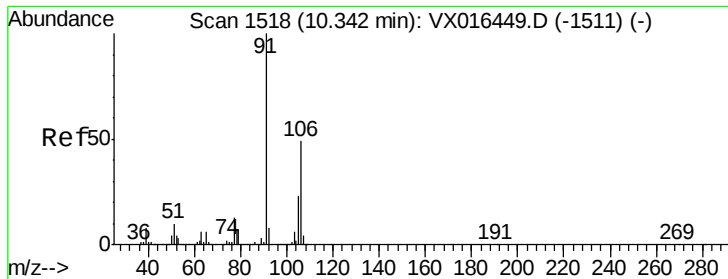
Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion:	91	Resp:	763929
Ion Ratio	Lower	Upper	
91	100		
106	30.8	25.0	37.4





#68

m/p-Xylenes

Concen: 100.230 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion:106 Resp: 572522

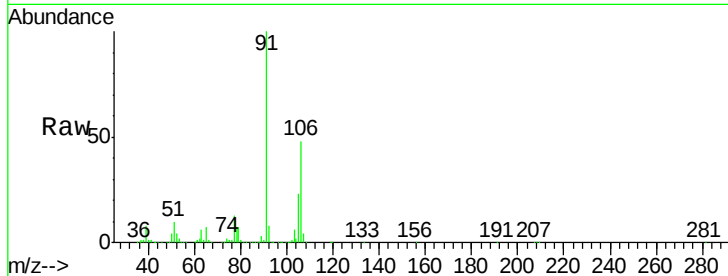
Ion Ratio Lower Upper

106 100

91 204.5 163.8 245.8

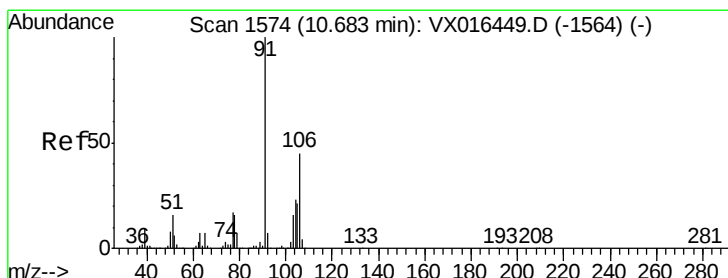
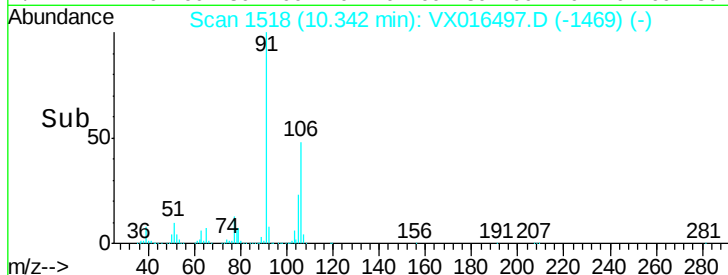
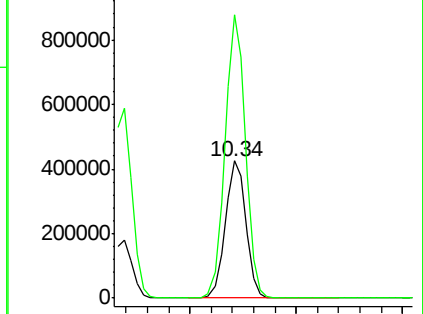
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 50.221 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016497.D

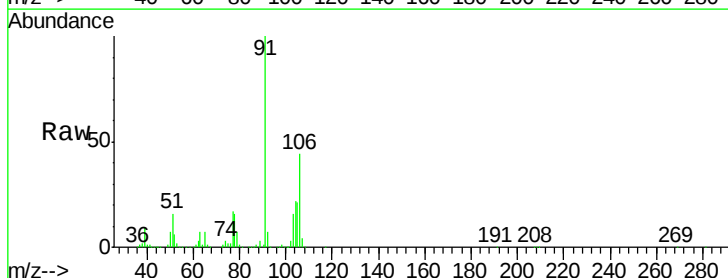
Acq: 28 May 2020 19:42

Tgt Ion:106 Resp: 277816

Ion Ratio Lower Upper

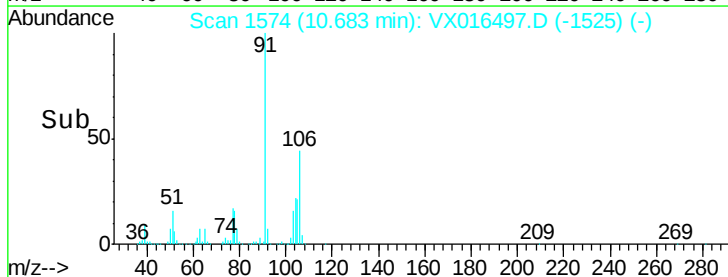
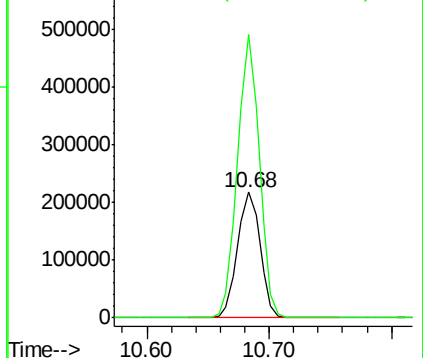
106 100

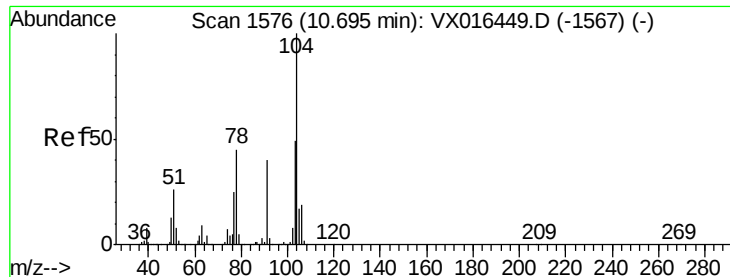
91 217.0 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





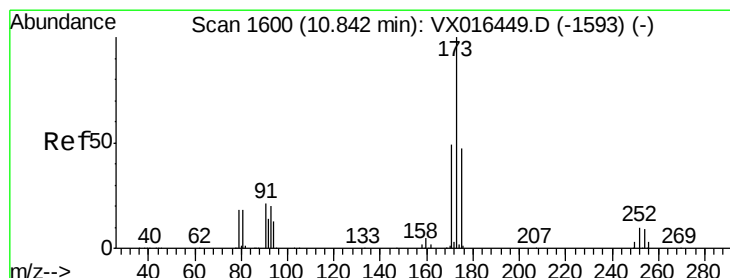
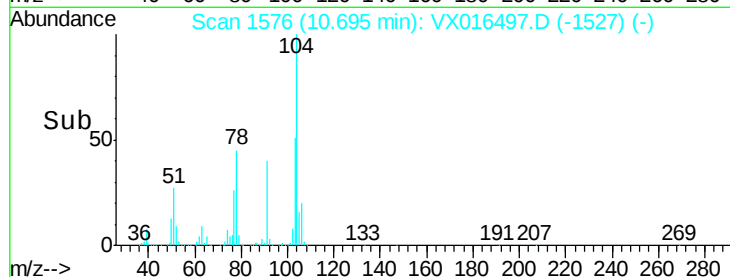
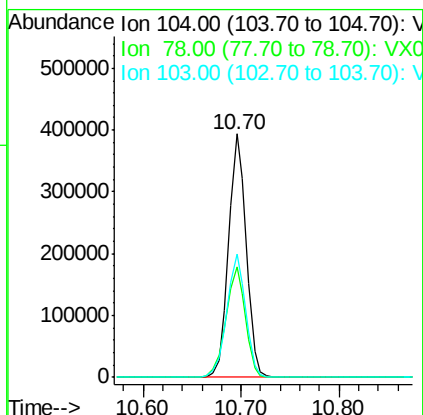
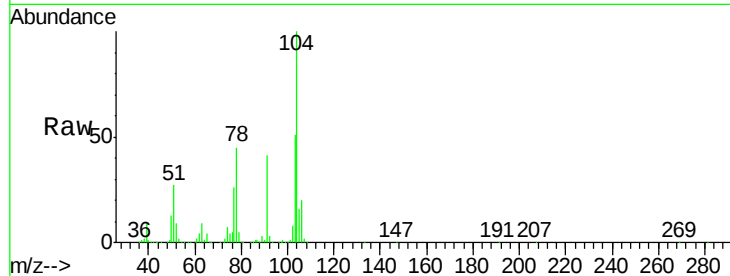
#70
Stvrene
Concen: 51.865 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	493157		
78	49.8		40.2	60.2
103	54.0		43.1	64.7

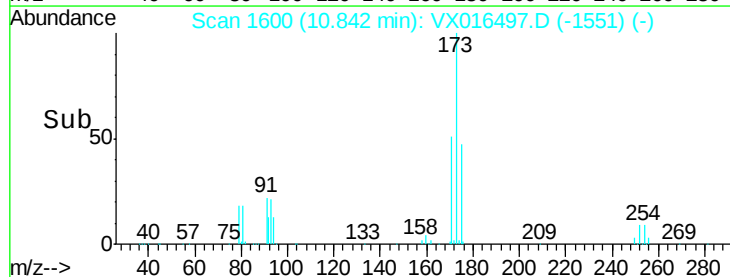
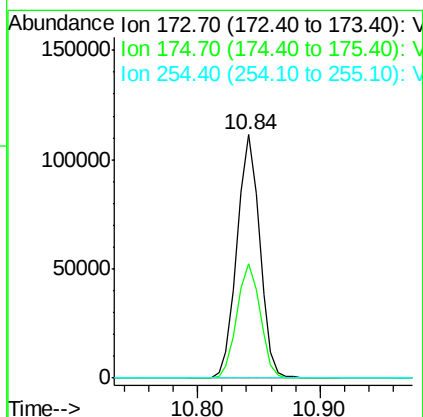
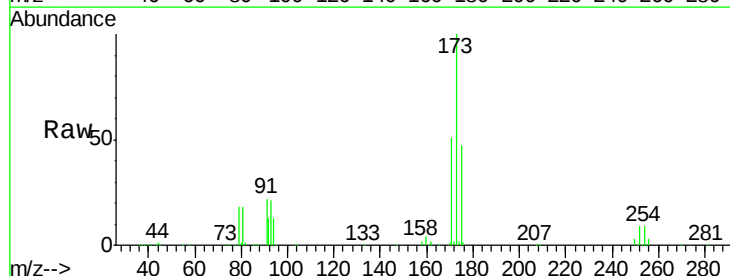
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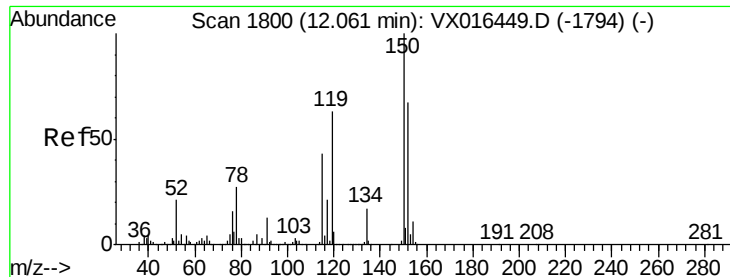
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#71
Bromoform
Concen: 51.176 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	142861		
175	48.2		23.9	71.7
254	0.2		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

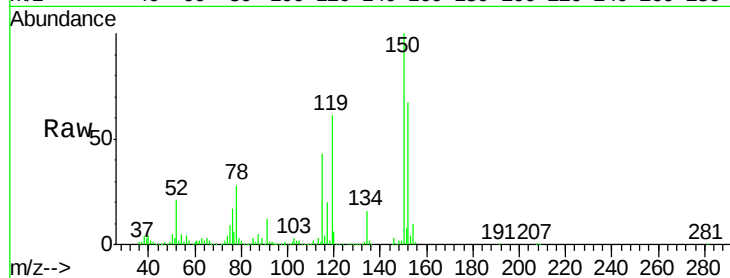
ClientSampleId :

WP022RW358-200526MS

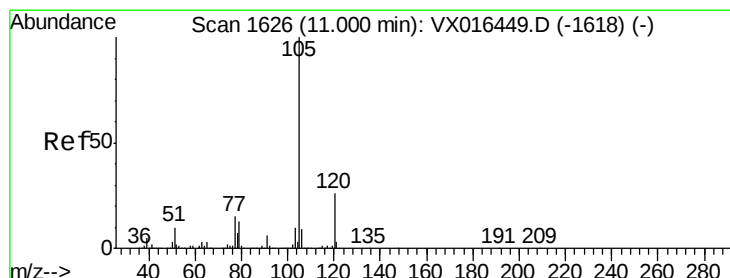
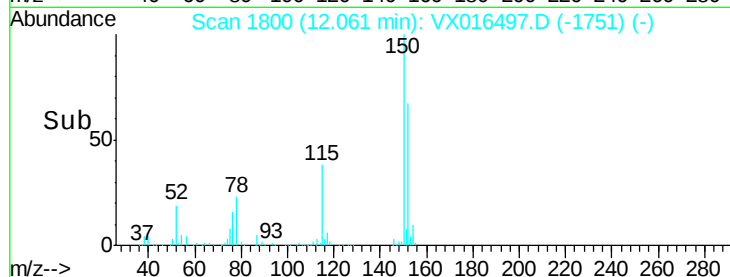
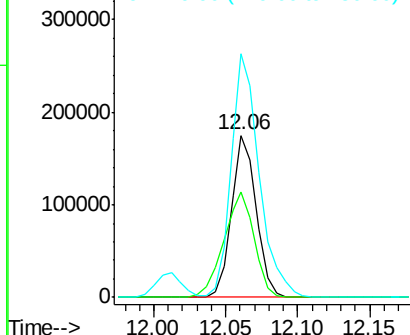
Tot Ion:	152	Resp:	209916
Ion Ratio	Lower	Upper	
152	100		
115	79.5	39.9	119.6
150	170.9	0.0	341.0

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



#73

Isopropylbenzene

Concen: 49.973 ug/l

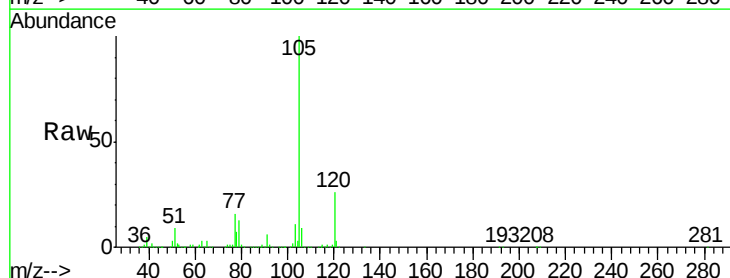
RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

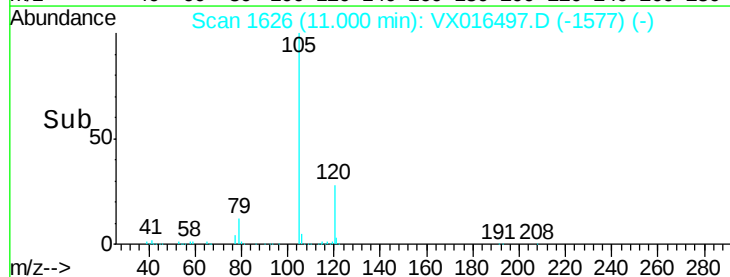
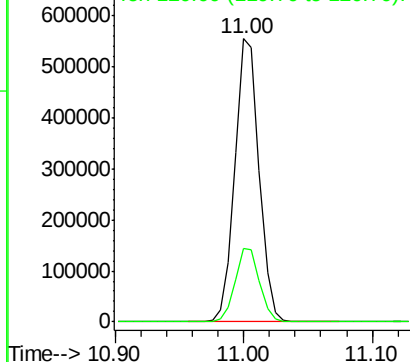
Lab File: VX016497.D

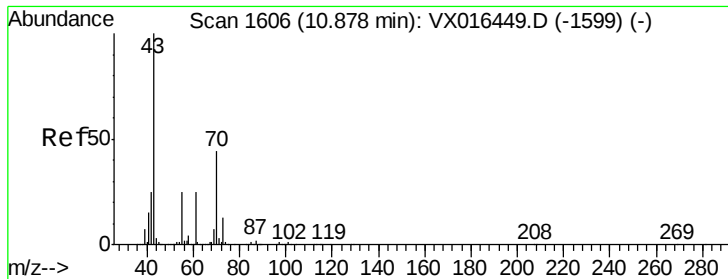
Acq: 28 May 2020 19:42

Tgt Ion:	105	Resp:	726843
Ion Ratio	Lower	Upper	
105	100		
120	26.1	13.1	39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.531 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

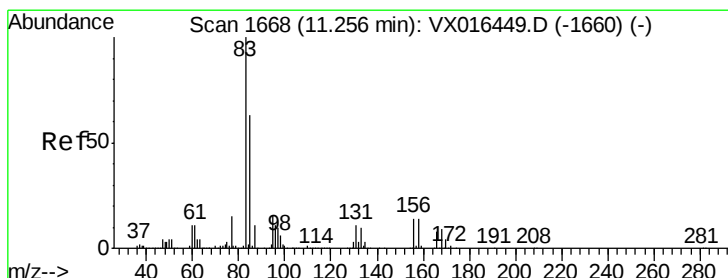
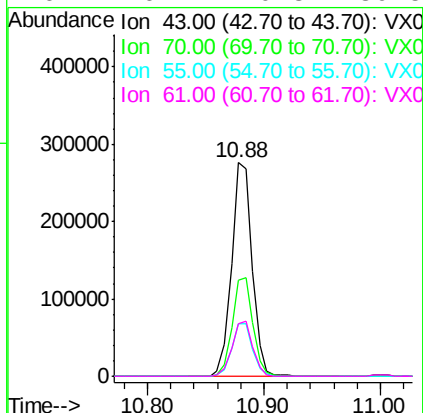
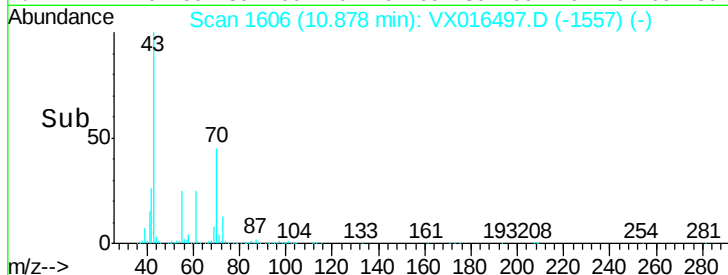
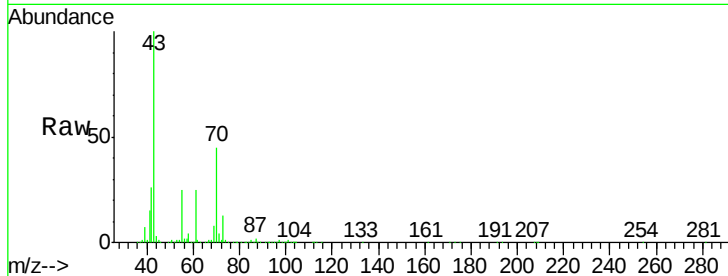
ClientSampleId :

WP022RW358-200526MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	46.2	36.1	54.1		
55	25.4	20.2	30.4		
61	26.1	20.3	30.5		

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#75

1,1,2,2-Tetrachloroethane

Concen: 56.630 ug/l

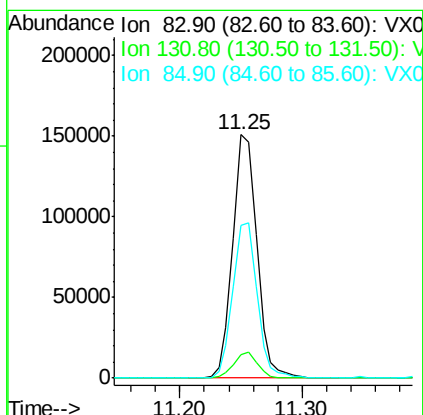
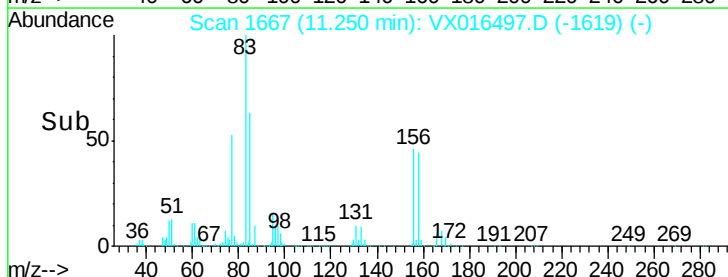
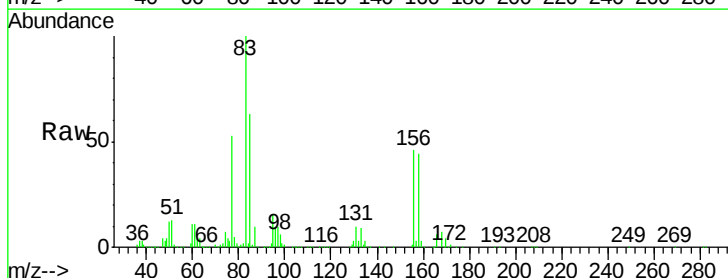
RT: 11.25 min Scan# 1667

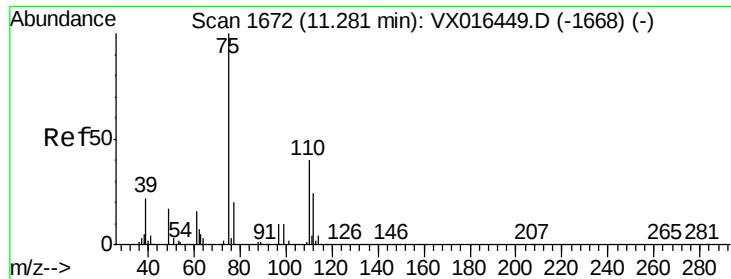
Delta R.T. -0.01 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.3	5.1	15.3		
85	64.7	32.0	96.2		





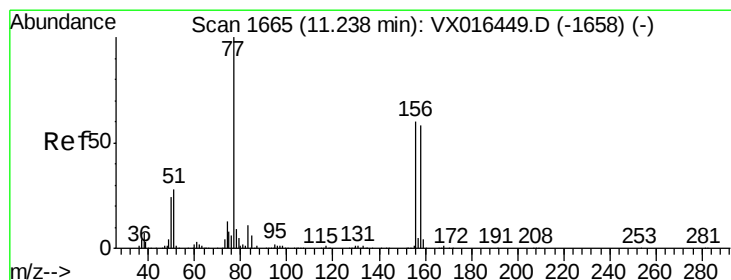
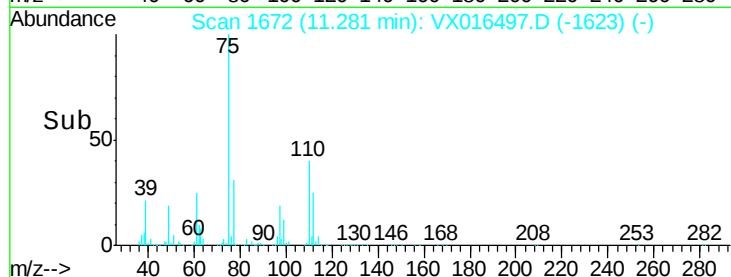
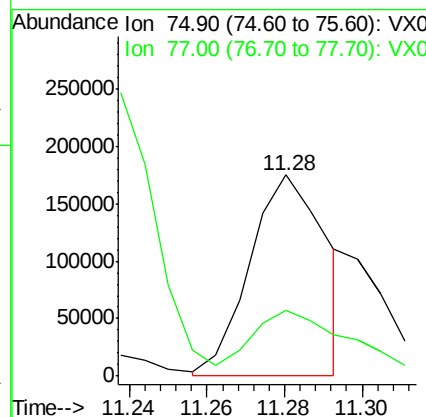
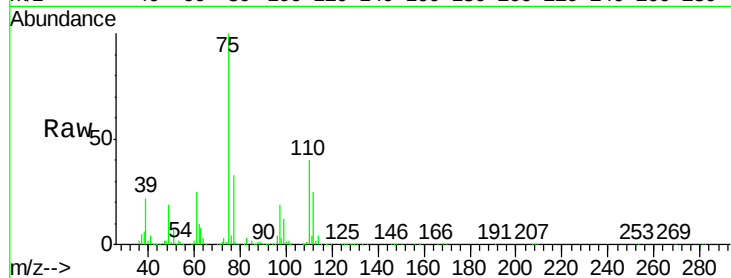
#76
1,2,3-Trichloropropane
Concen: 52.015 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion: 75 Resp: 240000
Ion Ratio Lower Upper
75 100
77 42.1 21.3 63.7

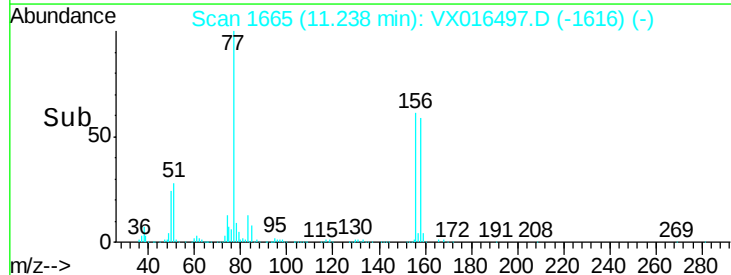
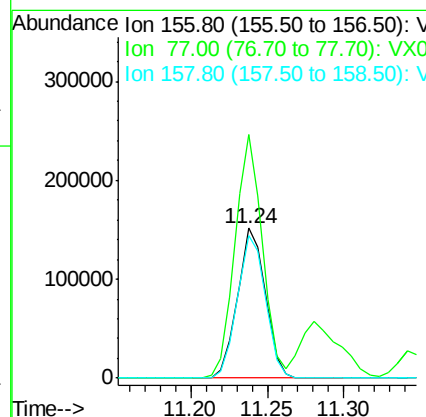
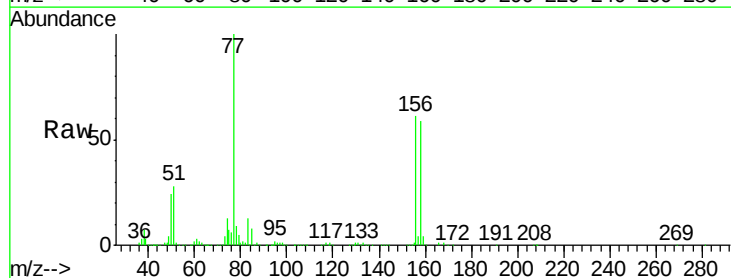
Manual Integrations
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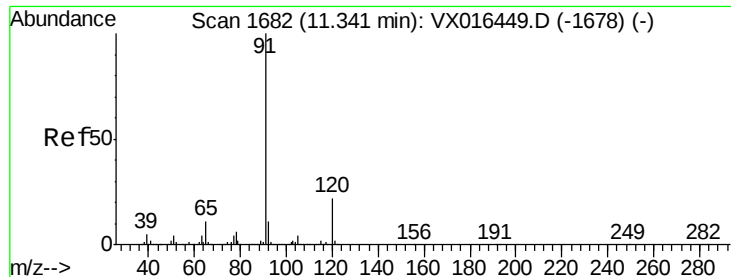
MMDadoda
5/29/2020 10:57:51 AM



#77
Bromobenzene
Concen: 49.936 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion: 156 Resp: 190494
Ion Ratio Lower Upper
156 100
77 159.9 79.6 238.8
158 96.7 48.1 144.4





#78

n-propylbenzene

Concen: 50.468 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 91 Resp: 820085

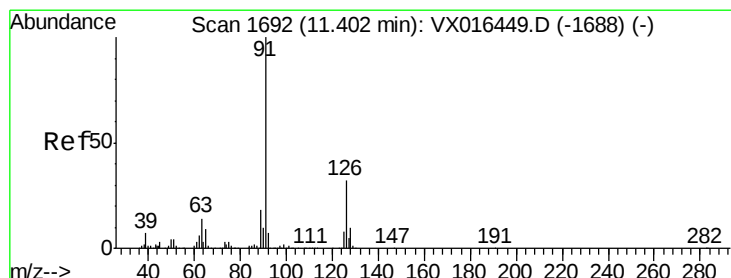
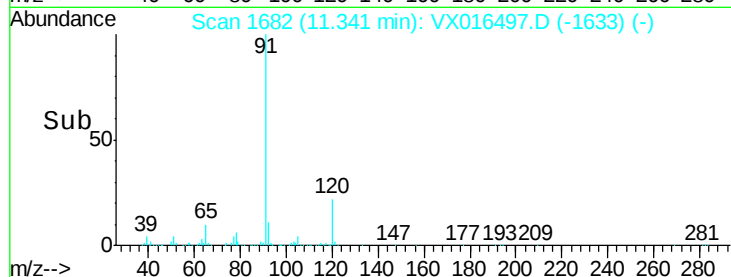
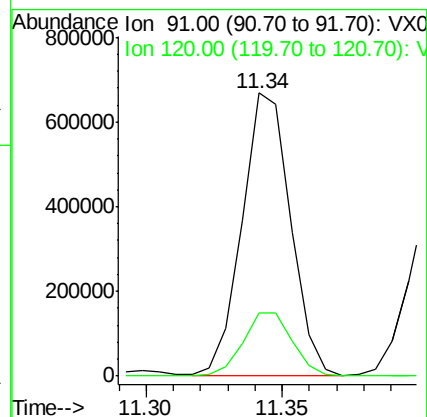
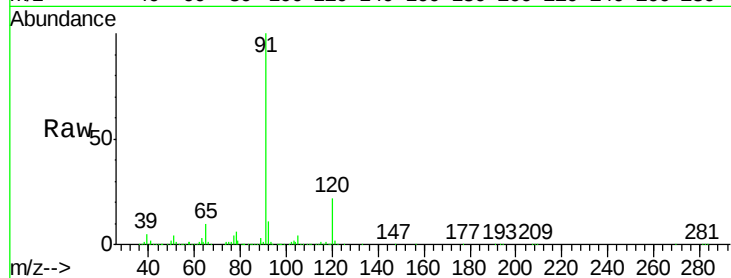
Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.7

Manual Integrations
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5/29/2020 10:57:51 AM



#79

2-Chlorotoluene

Concen: 50.453 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016497.D

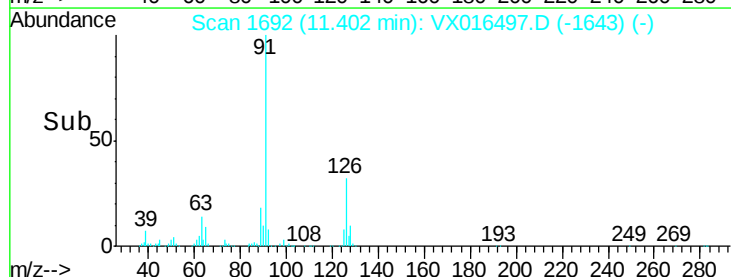
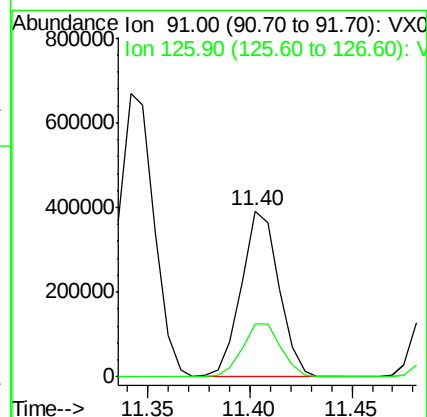
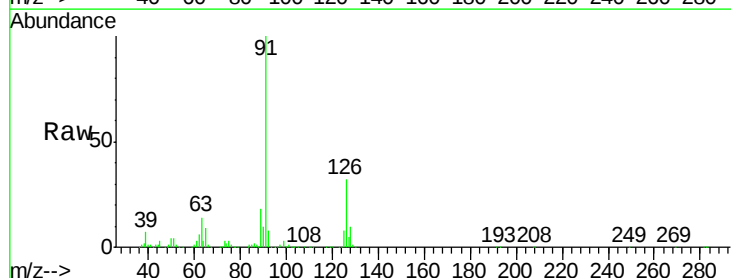
Acq: 28 May 2020 19:42

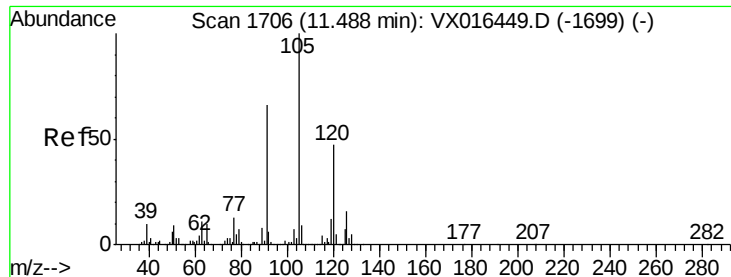
Tgt Ion: 91 Resp: 500429

Ion Ratio Lower Upper

91 100

126 33.2 16.8 50.3





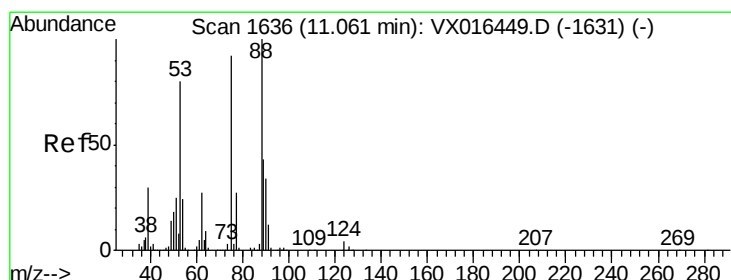
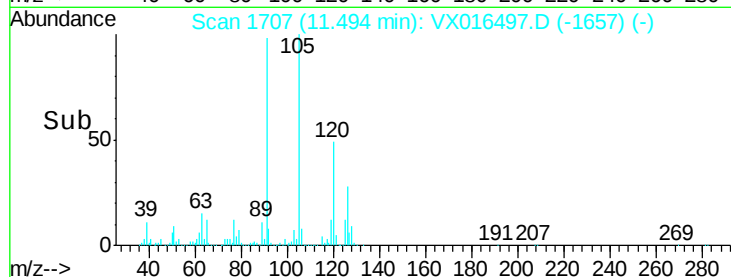
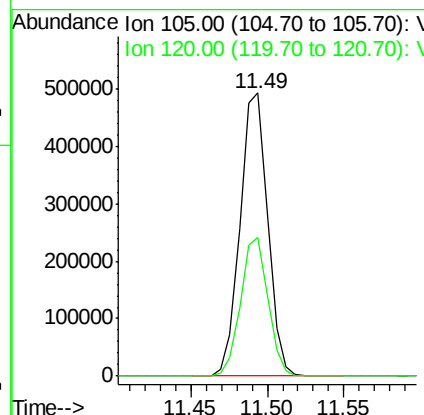
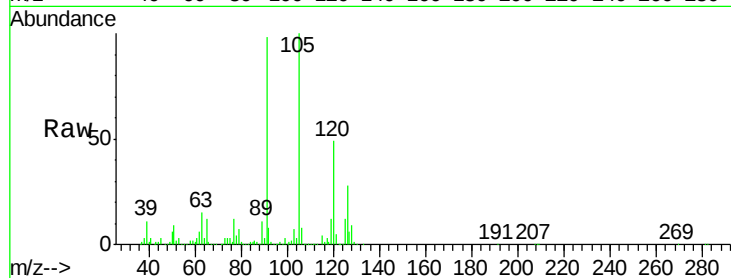
#80
 1,3,5-Trimethylbenzene
 Concen: 50.595 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.3	72.8

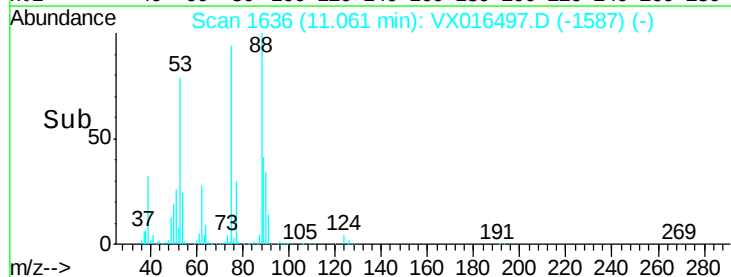
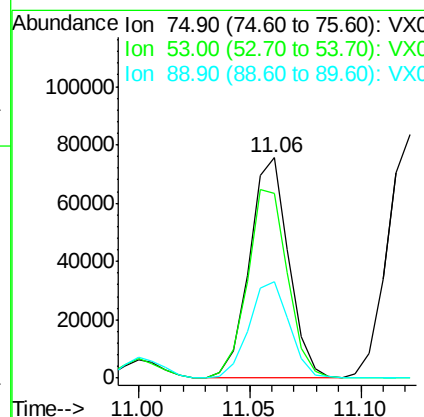
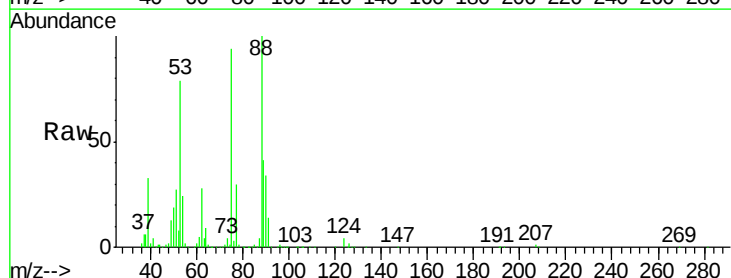
Manual Integrations
 APPROVED

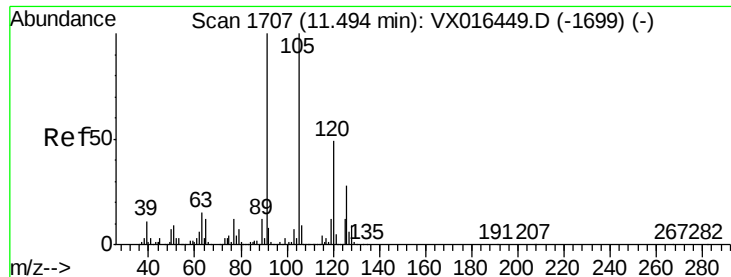
MMDadoda
 5/29/2020 10:57:51 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.077 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.0	71.3	106.9
89	45.7	36.6	55.0





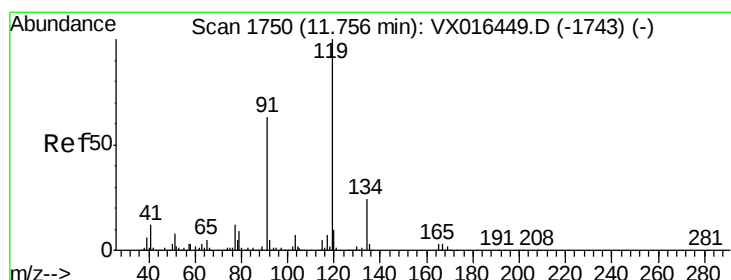
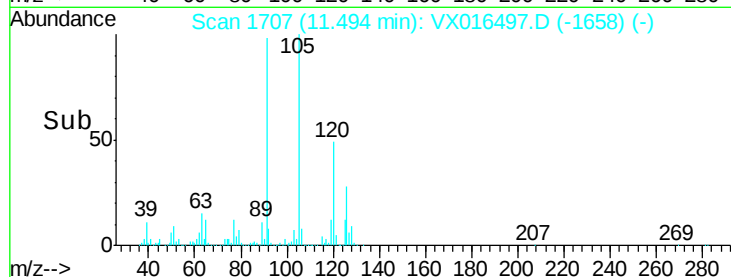
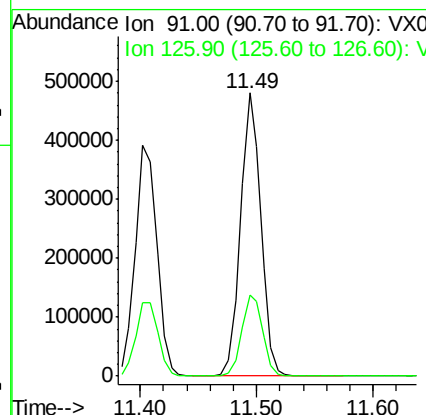
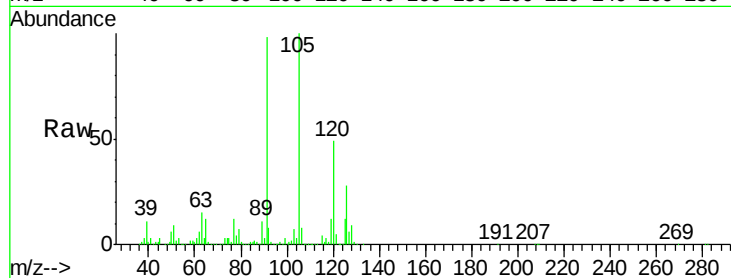
#82
4-Chlorotoluene
Concen: 50.029 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	585984		
126	29.4	14.7	44.1	

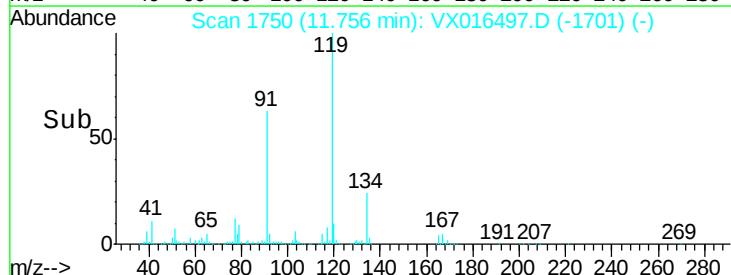
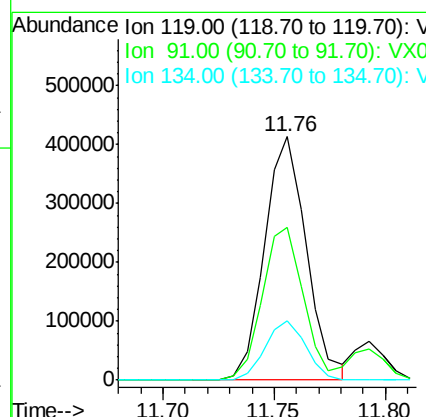
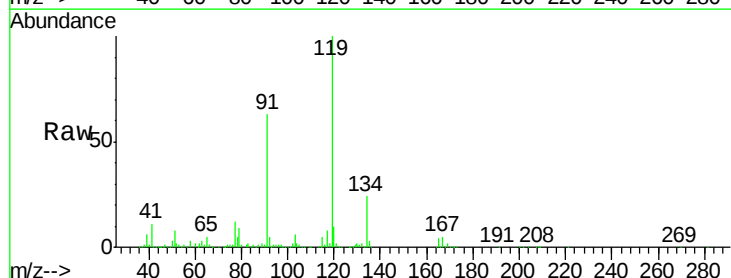
Manual Integrations
APPROVED

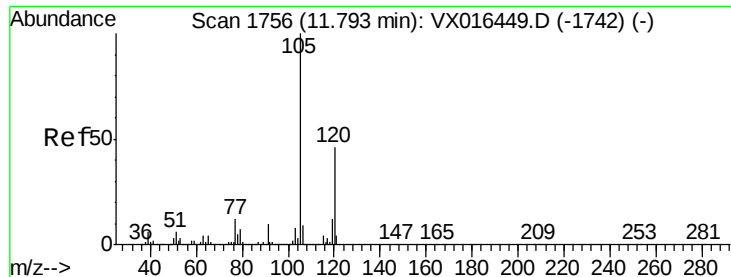
MMDadoda
5/29/2020 10:57:51 AM



#83
tert-Butylbenzene
Concen: 51.866 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	538218		
91	61.7	31.3	93.8	
134	23.7	12.0	36.0	





#84

1,2,4-Trimethylbenzene

Concen: 50.642 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion:105 Resp: 621981

Ion Ratio Lower Upper

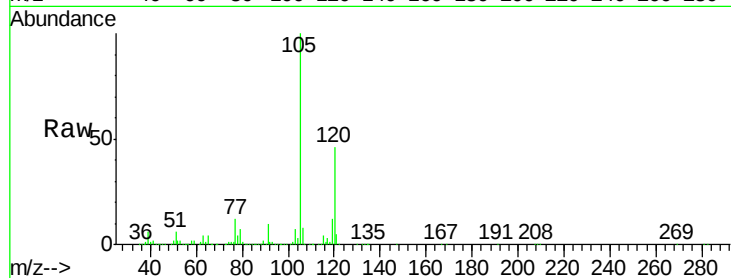
105 100

120 44.6 22.6 67.7

Manual Integrations
APPROVED

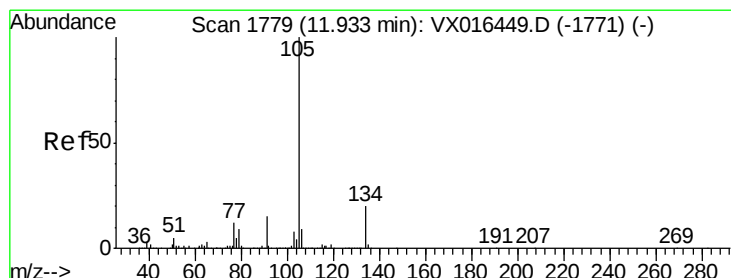
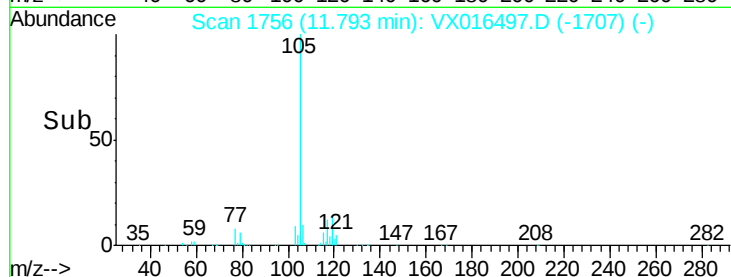
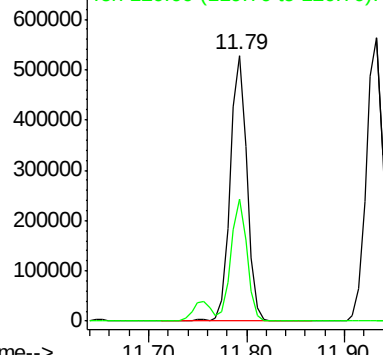
MMDadoda

5/29/2020 10:57:51 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.173 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016497.D

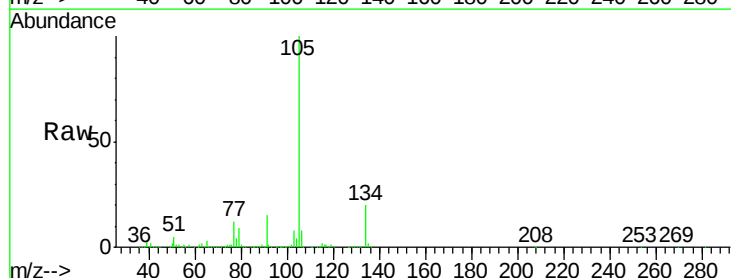
Acq: 28 May 2020 19:42

Tgt Ion:105 Resp: 666153

Ion Ratio Lower Upper

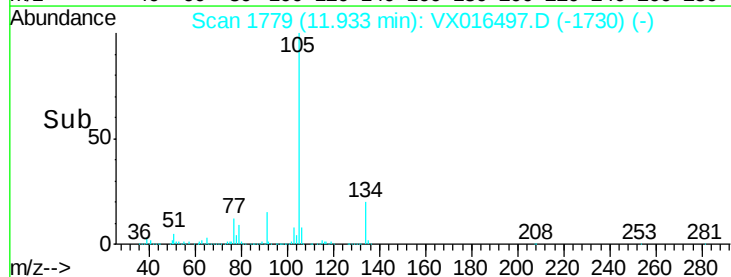
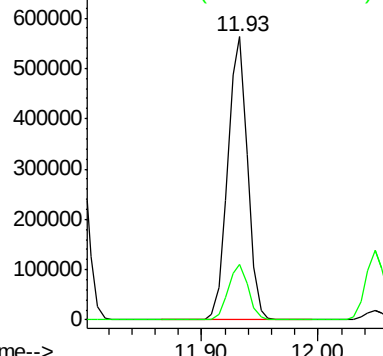
105 100

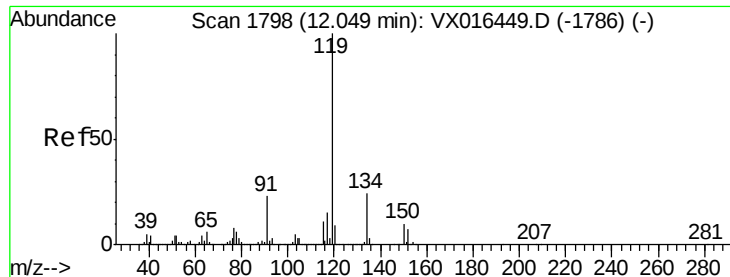
134 20.0 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





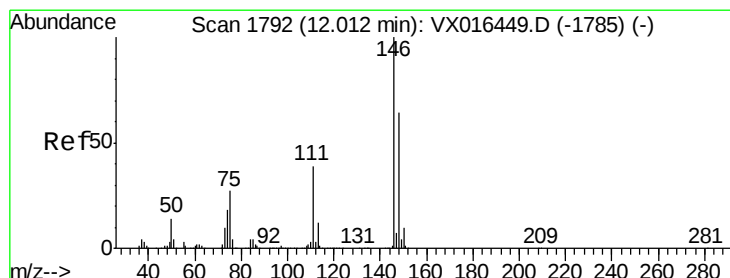
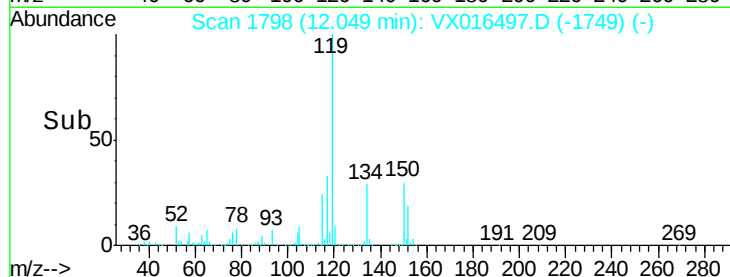
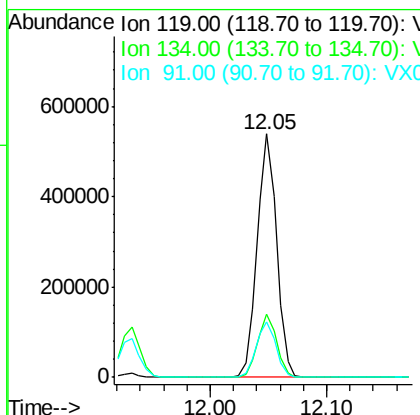
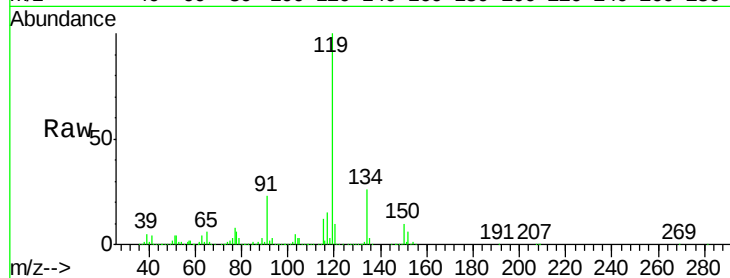
#86
p-Isopropyltoluene
Concen: 51.794 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	631580		
134	25.3		12.7	38.0
91	23.1		11.7	35.0

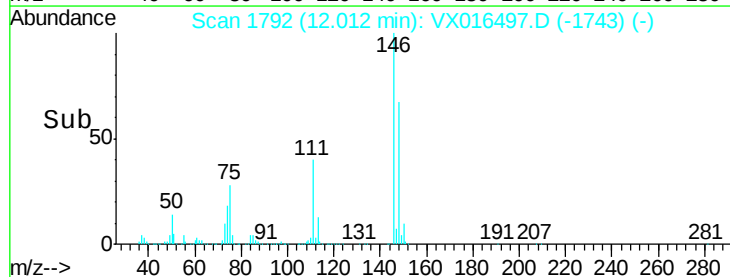
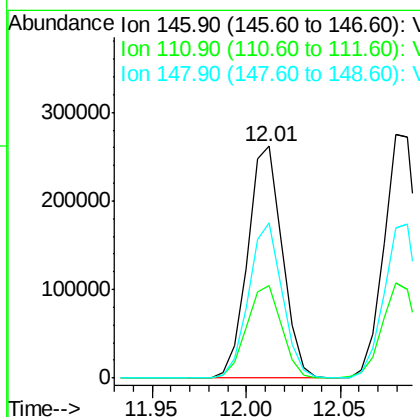
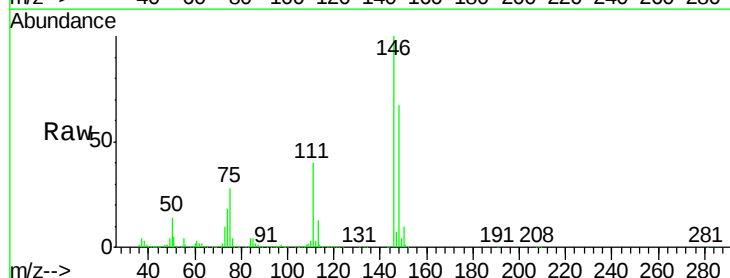
Manual Integrations
APPROVED

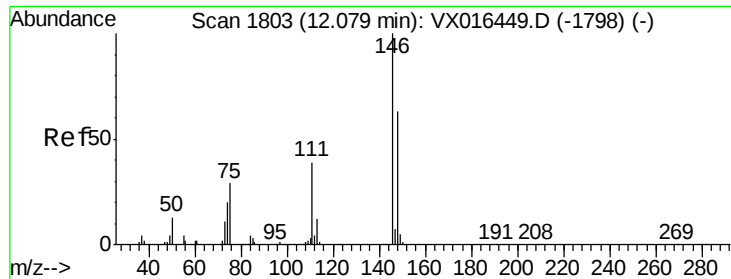
MMDadoda
5/29/2020 10:57:51 AM



#87
1,3-Dichlorobenzene
Concen: 50.241 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	332050		
111	40.6		20.0	60.0
148	65.1		31.9	95.5





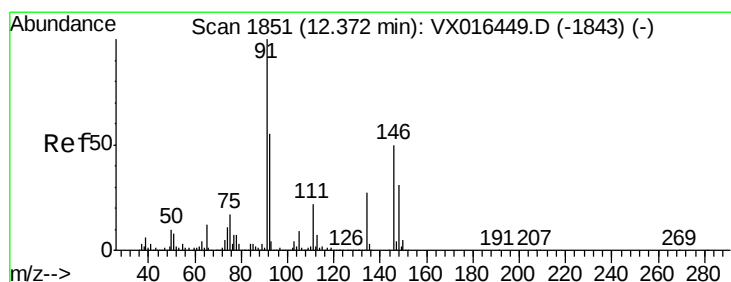
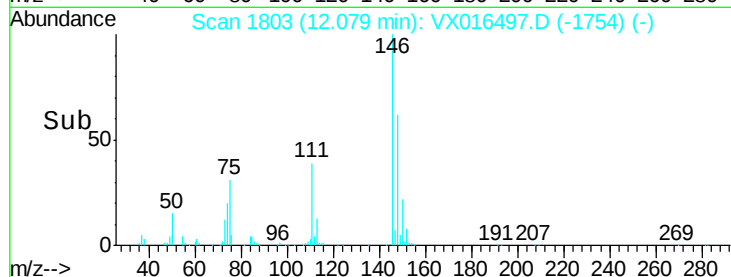
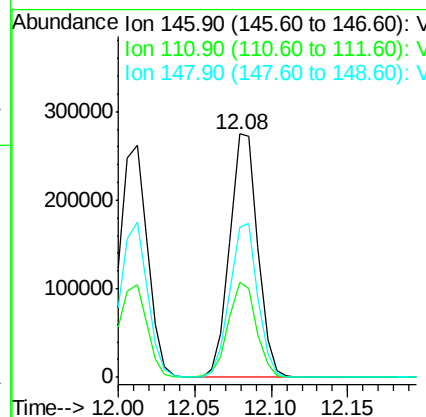
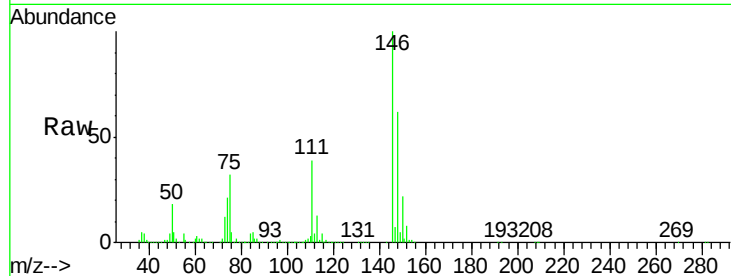
#88
 1,4-Dichlorobenzene
 Concen: 51.790 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.2
148	63.1	31.4	94.3

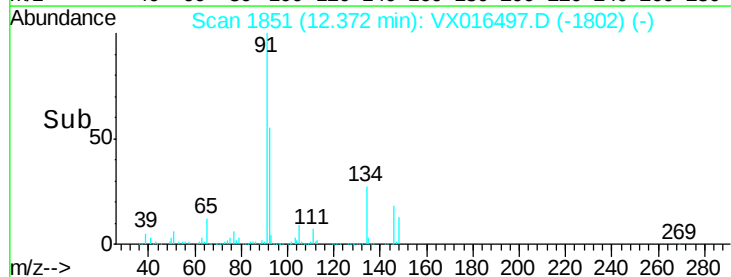
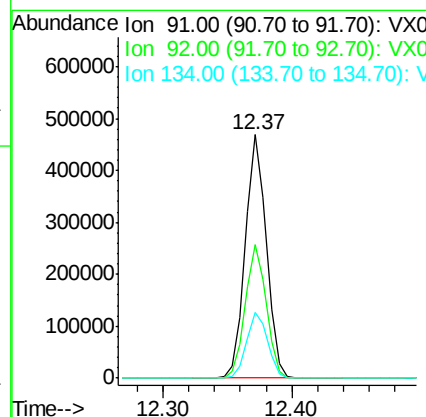
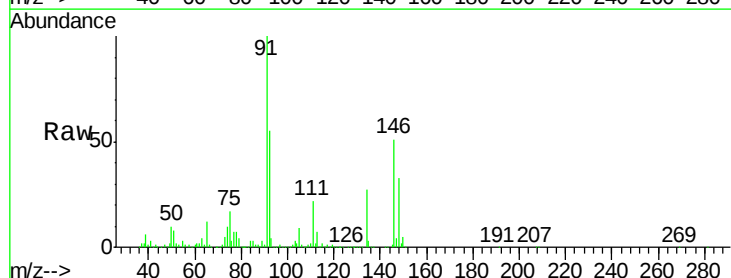
Manual Integrations
 APPROVED

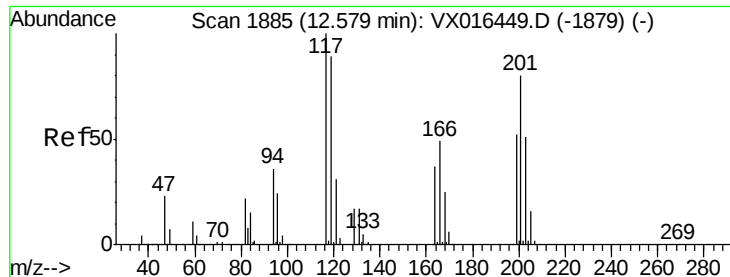
MMDadoda
 5/29/2020 10:57:51 AM



#89
 n-Butylbenzene
 Concen: 52.080 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	26.9	13.1	39.3





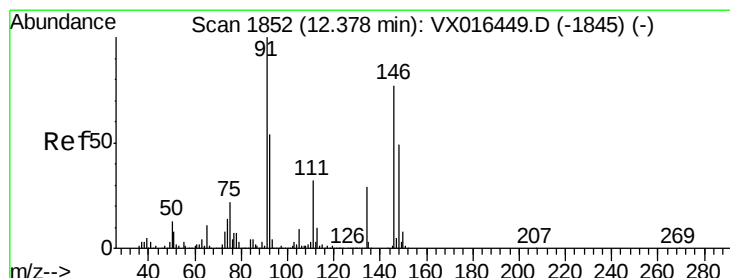
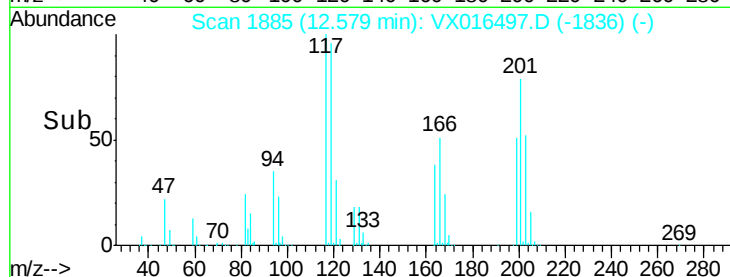
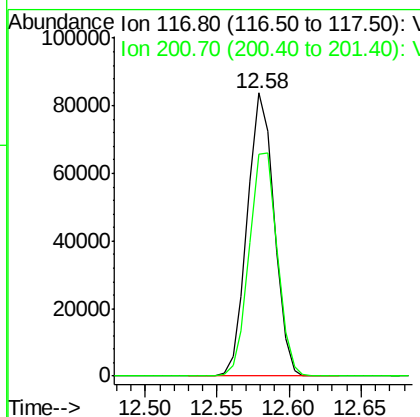
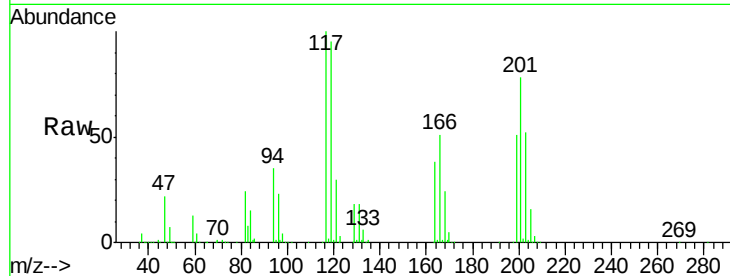
#90
Hexachloroethane
Concen: 51.145 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion:117 Resp: 107725
Ion Ratio Lower Upper
117 100
201 82.3 43.1 129.3

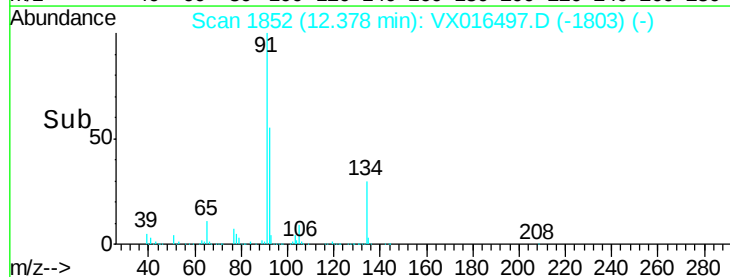
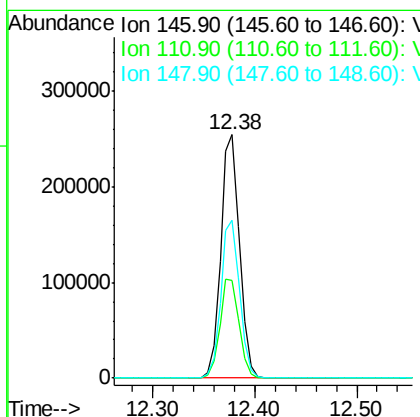
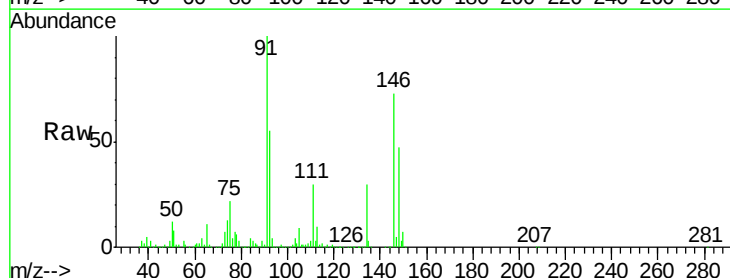
Manual Integrations
APPROVED

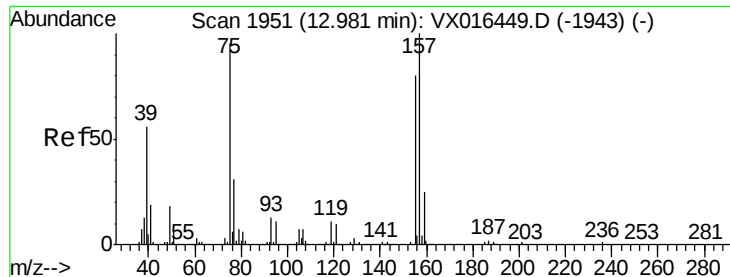
MMDadoda
5/29/2020 10:57:51 AM



#91
1,2-Dichlorobenzene
Concen: 50.887 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion:146 Resp: 325837
Ion Ratio Lower Upper
146 100
111 41.6 21.4 64.3
148 64.4 31.9 95.7





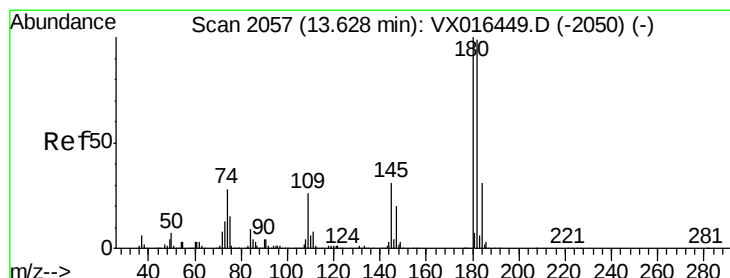
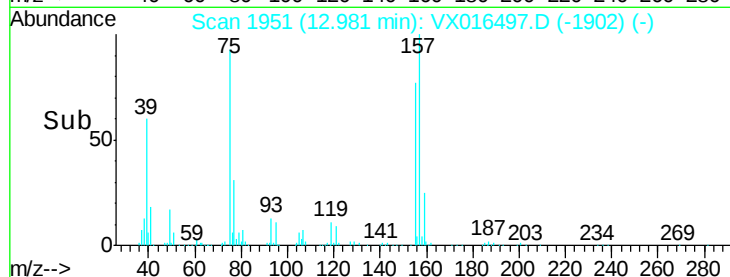
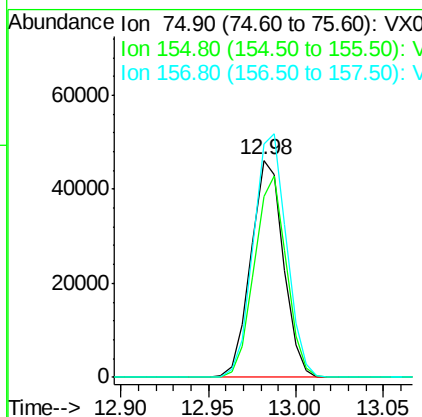
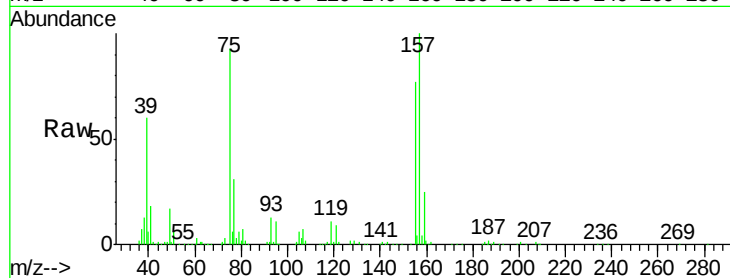
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.722 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	91.0	44.1	132.4
157	113.7	57.8	173.3

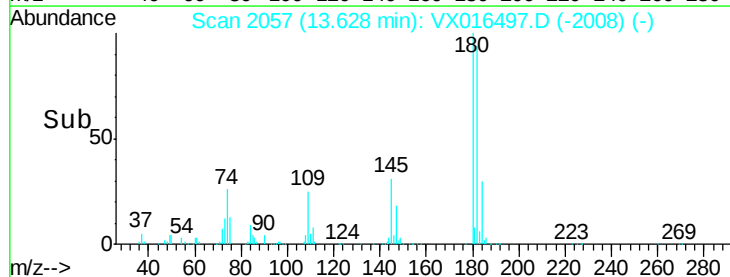
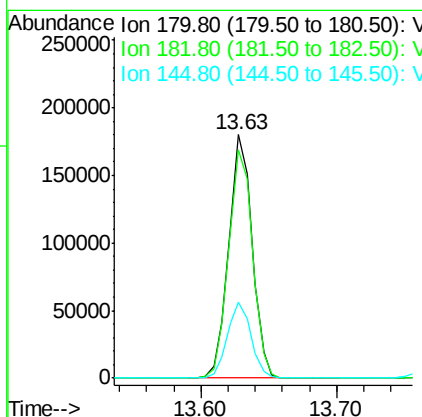
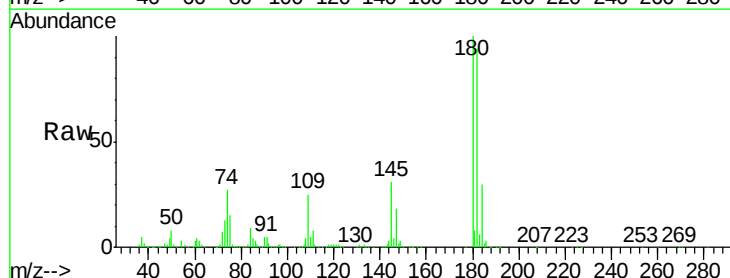
Manual Integrations
 APPROVED

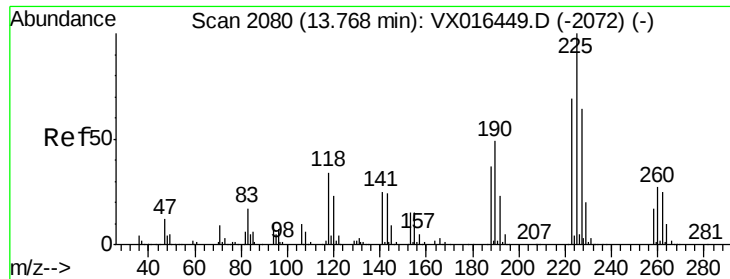
MMDadoda
 5/29/2020 10:57:51 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 50.643 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.3	144.8
145	31.4	15.4	46.2





#94

Hexachlorobutadiene

Concen: 48.389 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

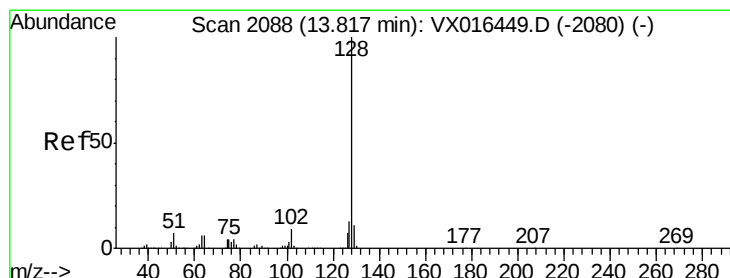
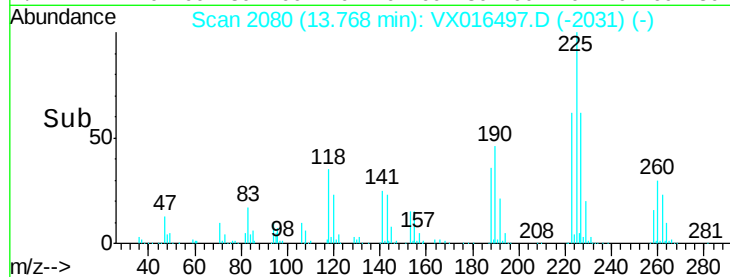
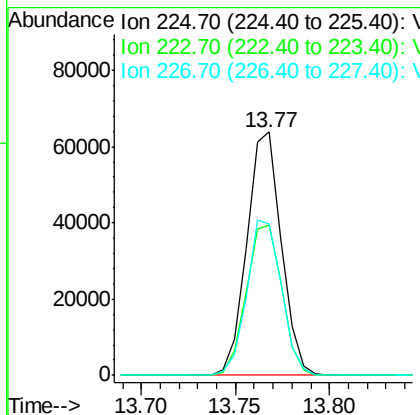
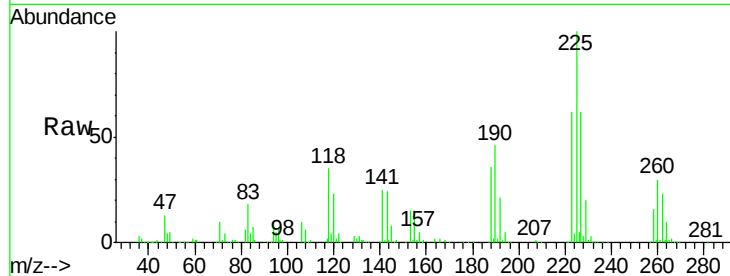
ClientSampleId :

WP022RW358-200526MS

Tot Ion:	225	Resp:	80793
Ion Ratio		Lower	Upper
225	100		
223	63.6	32.3	96.8
227	64.2	31.6	94.7

Manual Integrations
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5/29/2020 10:57:51 AM



#95

Naphthalene

Concen: 51.452 ug/l

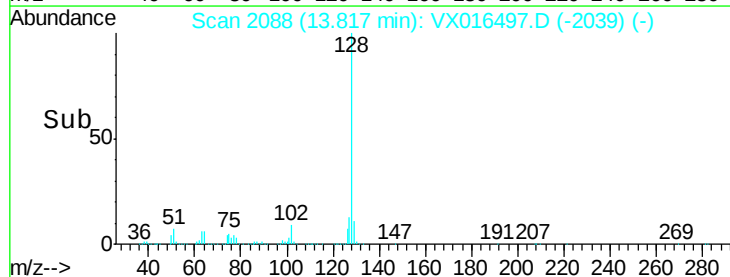
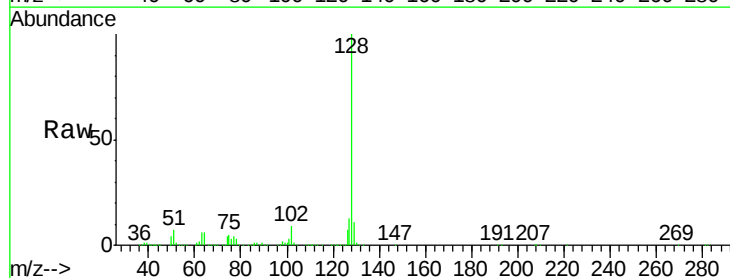
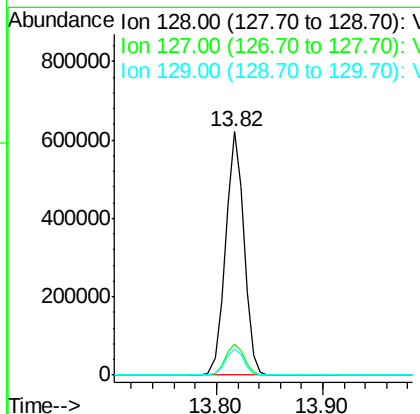
RT: 13.82 min Scan# 2088

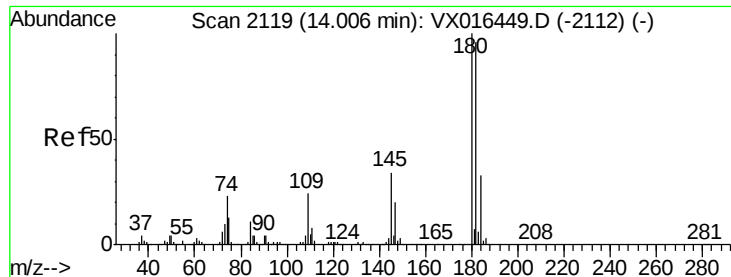
Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion:	128	Resp:	750091
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 51.390 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

Tot Ion:	180	Resp:	214101
Ion Ratio	Lower	Upper	
180	100		
182	92.7	48.6	145.8
145	32.1	16.6	49.8

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:51 AM

