

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019077.D
 Acq On : 23 Oct 2020 14:03
 Operator : JC/SP
 Sample : VX1023WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Manual Integrations
 APPROVED

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 10/26/2020 2:27:57 PM

Quant Time: Oct 26 04:25:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	47092	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	261417	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	230891	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	94588	30.16	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.53%
60) 4-Bromofluorobenzene	11.12	95	102746	29.65	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.83%
63) Toluene-d8	8.70	98	316278	31.03	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	43283	18.289	ug/l 99
3) Chloromethane	1.31	50	42275	19.770	ug/l 100
4) Vinyl Chloride	1.39	62	53006	18.913	ug/l 100
5) Bromomethane	1.64	94	52386	26.987	ug/l 97
6) Chloroethane	1.72	64	35579	18.734	ug/l 99
7) Trichlorofluoromethane	1.92	101	89988	18.440	ug/l 95
8) Diethyl Ether	2.17	74	35314	19.305	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43714	18.747	ug/l 100
10) 1,1-Dichloroethene	2.36	96	44289	18.683	ug/l 92
11) Methyl Iodide	2.50	142	35016	18.581	ug/l 92
12) Methyl Acetate	2.75	43	44905	19.135	ug/l 95
13) Acrolein	2.28	56	21718	100.508	ug/l 98
14) Acrylonitrile	3.12	53	108219	98.157	ug/l 100
15) Acetone	2.42	58	31681	100.311	ug/l 98
16) Carbon Disulfide	2.55	76	119755	18.175	ug/l 100
17) Allyl chloride	2.71	41	54620	18.445	ug/l 100
18) Methylene Chloride	2.84	84	51296	18.974	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	50504	18.241	ug/l 97
20) Diisopropyl ether	3.82	45	112771	18.799	ug/l 97
21) 1,1-Dichloroethane	3.67	63	82196	18.663	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	58961	18.384	ug/l 98
23) tert-Butyl Alcohol	3.02	59	52217	97.693	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	139507	18.611	ug/l 99
25) Chloroform	5.18	83	91405	18.731	ug/l 99
26) Cyclohexane	5.56	56	63839	18.653	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	68835	18.665	ug/l 98
30) 2-Butanone	4.64	43	147838	100.626	ug/l 99
31) 2,2-Dichloropropane	4.55	77	78799	18.675	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	81645	18.419	ug/l 98
33) Carbon Tetrachloride	5.76	117	69142	17.975	ug/l 94
34) Benzene	6.12	78	203576	18.761	ug/l 98
35) Methacrylonitrile	5.00	41	31772	19.977	ug/l 97
36) 1,2-Dichloroethane	6.17	62	70709	18.996	ug/l 100
37) Trichloroethene	7.19	130	58327	18.701	ug/l 98
38) Methylcyclohexane	7.44	83	77532	18.756	ug/l 99
39) 1,2-Dichloropropane	7.49	63	48805	19.376	ug/l 95
40) Dibromomethane	7.63	93	36912	18.883	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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Manual Integrations
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Quant Time: Oct 26 04:25:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	71943	18.615	ug/l	98
42) Vinyl Acetate	3.78	43	546018	95.515	ug/l	100
43) Ethyl Acetate	4.79	43	58252	18.900	ug/l	99
44) Isopropyl Acetate	6.42	43	99524	19.284	ug/l	99
45) 1,4-Dioxane	7.73	88	20286	373.949	ug/l	99
46) Methyl methacrylate	7.74	41	46028	18.843	ug/l	97
47) n-amyl Acetate	10.88	43	77351	18.685	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	79324	18.334	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	85857	18.648	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	53565	18.918	ug/l	98
51) Ethyl methacrylate	9.16	69	77323	18.716	ug/l	99
52) 1,3-Dichloropropane	9.35	76	88538	19.195	ug/l	100
53) Dibromochloromethane	9.56	129	56302	17.863	ug/l	99
54) 1,2-Dibromoethane	9.65	107	58052	18.868	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	222133	100.608	ug/l	100
56) Bromoform	10.84	173	35844	16.266	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	298561	102.538	ug/l	100
59) 2-Hexanone	9.47	43	224666	103.545	ug/l	99
61) Tetrachloroethene	9.32	164	50594	18.471	ug/l	92
62) Toluene	8.76	91	234268	19.305	ug/l	98
64) Chlorobenzene	10.12	112	142983	18.955	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.20	131	51988	18.950	ug/l	99
66) Ethyl Benzene	10.23	91	252343	18.967	ug/l	99
67) m/p-Xylenes	10.34	106	191853	37.813	ug/l	99
68) o-Xylene	10.68	106	90919	18.789	ug/l	99
69) Styrene	10.70	104	150005	18.399	ug/l	99
70) Isopropylbenzene	11.00	105	244417	18.785	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	70960	18.891	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	66973m	19.827	ug/l	
73) Bromobenzene	11.24	156	59490	18.708	ug/l	98
74) n-propylbenzene	11.34	91	278379	18.896	ug/l	100
75) 2-Chlorotoluene	11.40	91	159053	19.086	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	198505	18.801	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	23991	17.884	ug/l	96
78) 4-Chlorotoluene	11.49	91	184630	18.854	ug/l	100
79) tert-butylbenzene	11.76	119	193898	18.650	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	195459	18.624	ug/l	100
81) sec-Butylbenzene	11.93	105	233121	18.950	ug/l	99
82) p-Isopropyltoluene	12.05	119	212014	18.700	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	102412	18.020	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	103774	17.984	ug/l	98
85) n-Butylbenzene	12.37	91	188759	18.594	ug/l	99
86) Hexachloroethane	12.58	117	31304	17.976	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	99361	18.262	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15647	18.405	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	69307	17.701	ug/l	98
90) Hexachlorobutadiene	13.76	225	31151	18.764	ug/l	96
91) Naphthalene	13.82	128	231905	18.092	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	67216	17.846	ug/l	98

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MSVOA_X
ClientSampleId :
VX1023WBS01

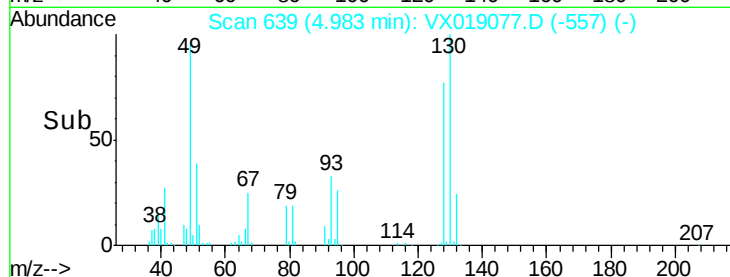
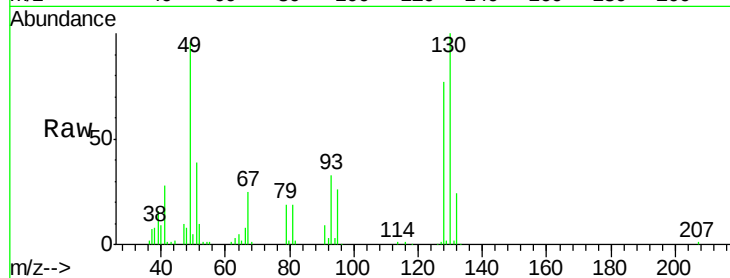
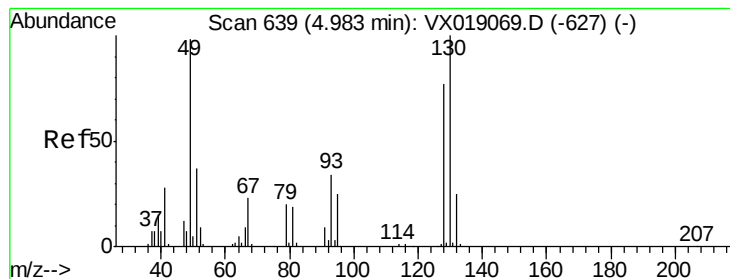
Manual Integrations
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 03:21:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tot Ion:	128	Resp:	47092
Ion	Ratio	Lower	Upper
128	100		
49	126.9	0.0	318.8
130	128.1	0.0	321.8

Instrument :

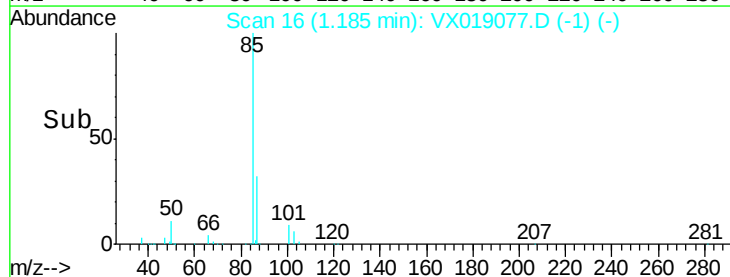
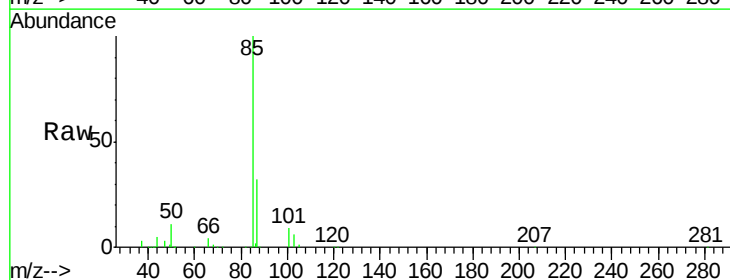
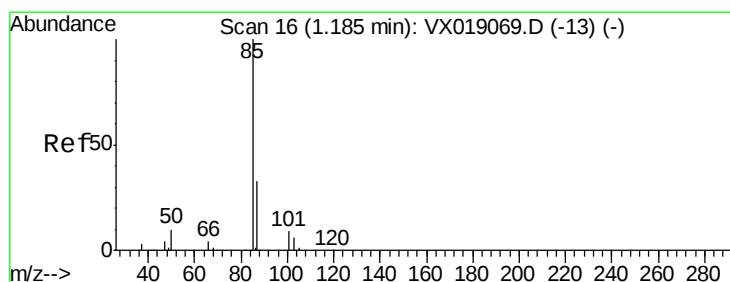
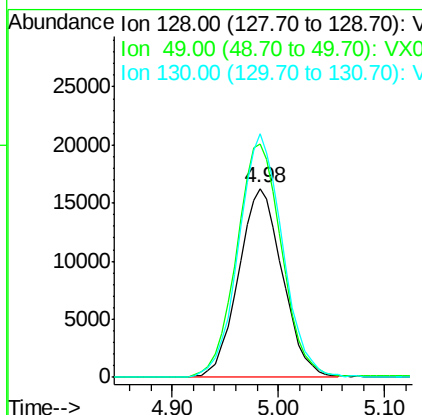
MSVOA_X

ClientSampleId :

VX1023WBS01

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 18.289 ug/l

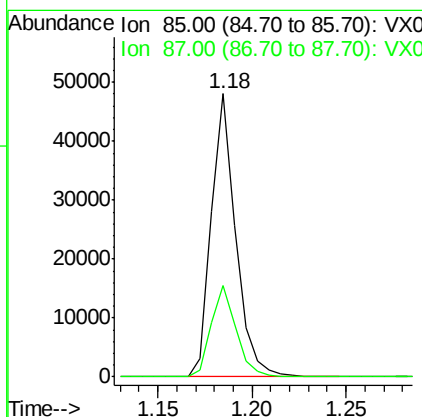
RT: 1.18 min Scan# 16

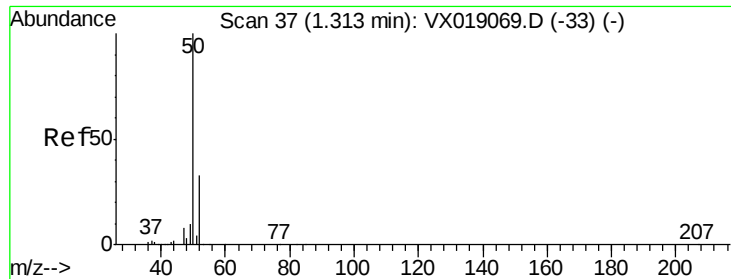
Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion:	85	Resp:	43283
Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.6	49.7





#3

Chloromethane

Concen: 19.770 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion: 50 Resp: 42275

Ion Ratio Lower Upper

50 100

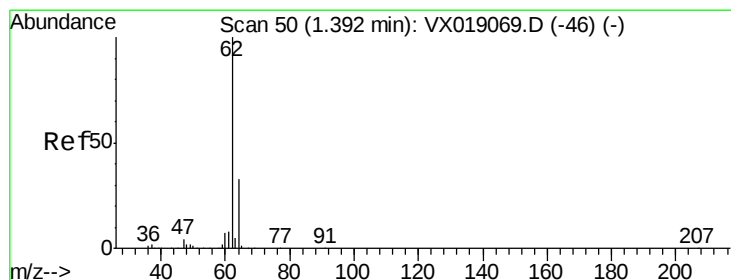
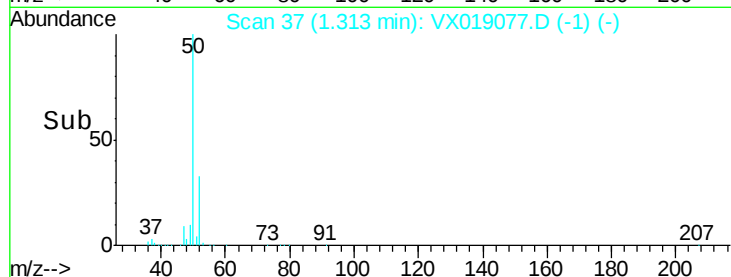
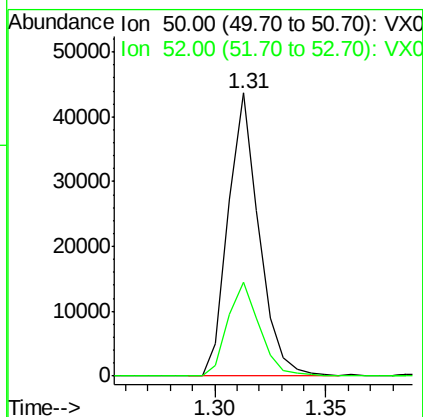
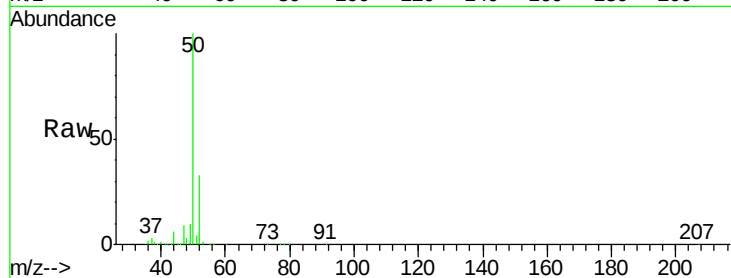
52 33.2 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.913 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019077.D

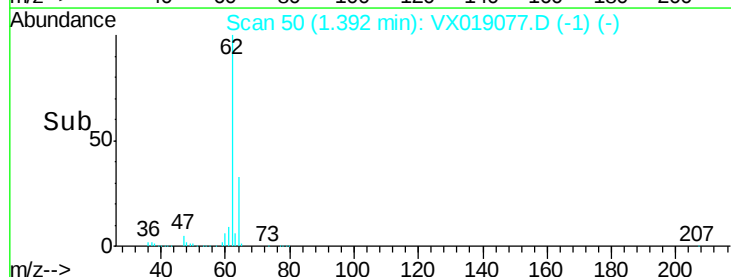
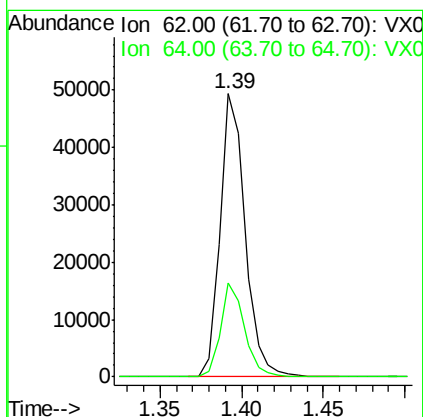
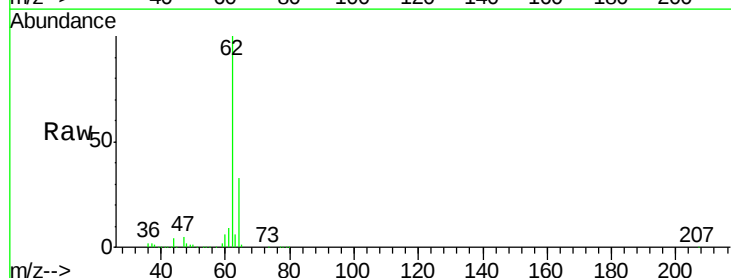
Acq: 23 Oct 2020 14:03

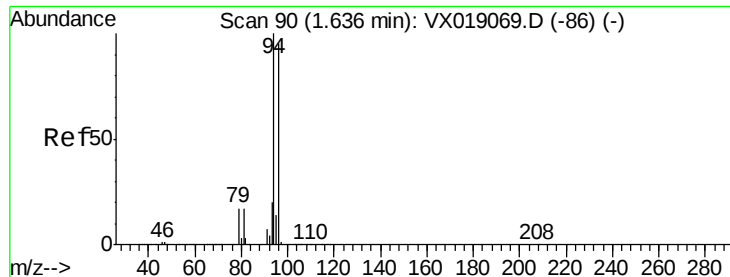
Tgt Ion: 62 Resp: 53006

Ion Ratio Lower Upper

62 100

64 33.4 26.7 40.1





#5

Bromomethane

Concen: 26.987 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion: 94 Resp: 52386

Ion Ratio Lower Upper

94 100

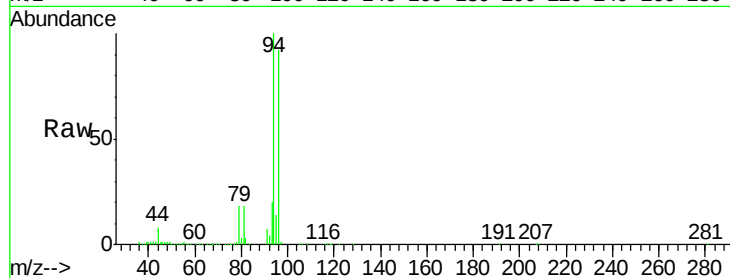
96 92.2 76.2 114.2

Manual Integrations

APPROVED

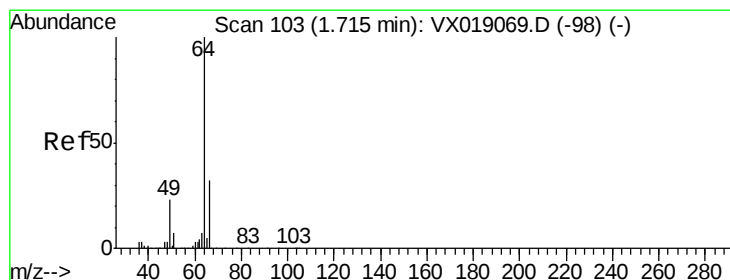
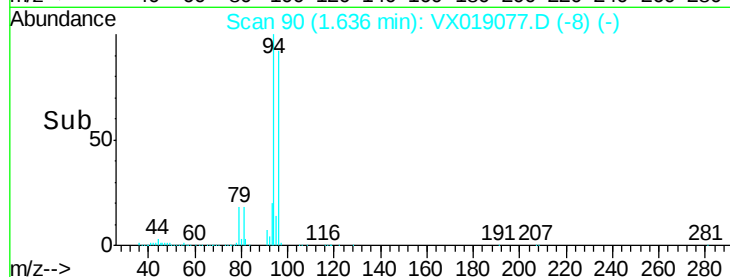
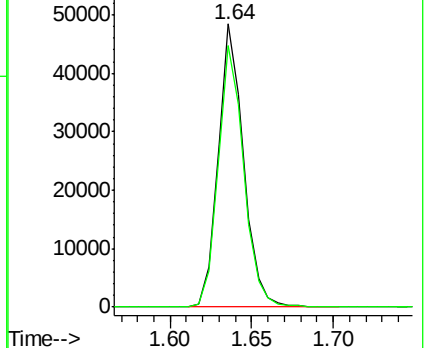
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.734 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019077.D

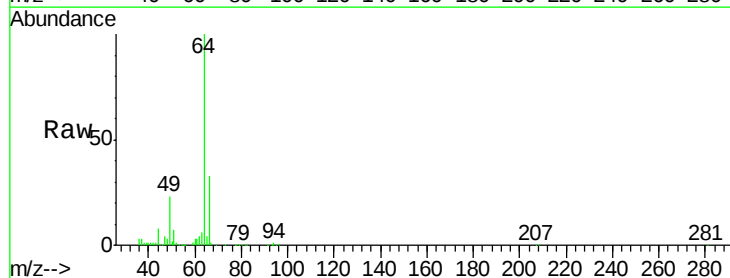
Acq: 23 Oct 2020 14:03

Tgt Ion: 64 Resp: 35579

Ion Ratio Lower Upper

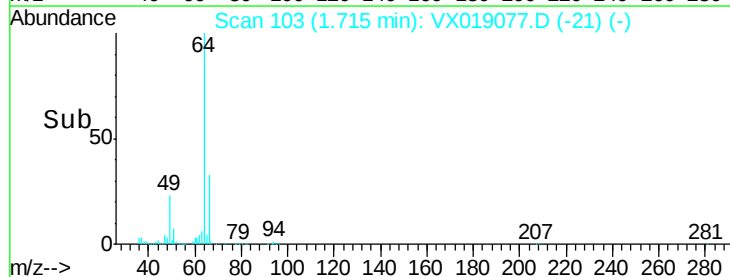
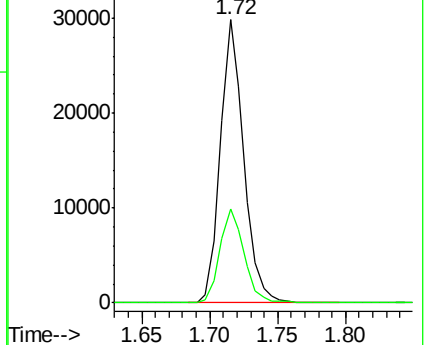
64 100

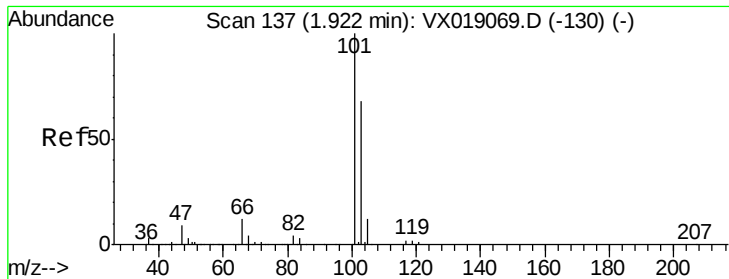
66 33.2 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

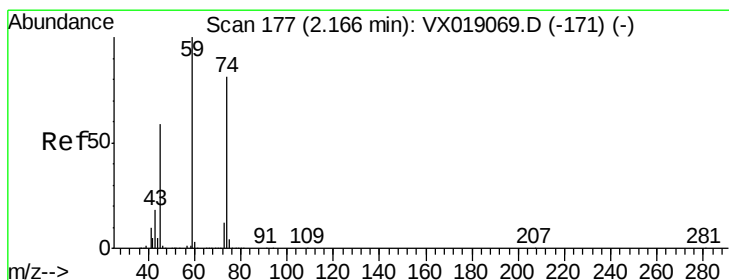
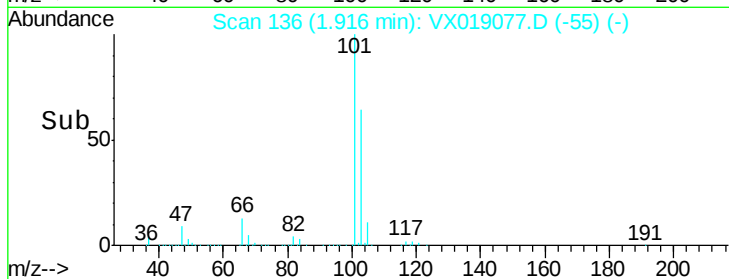
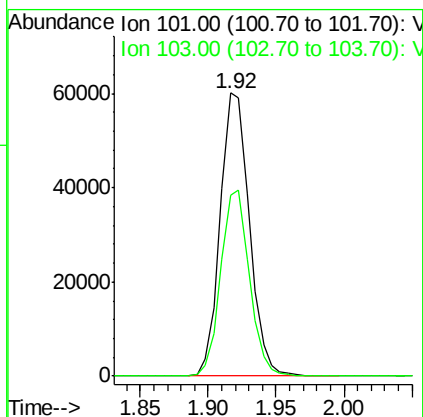
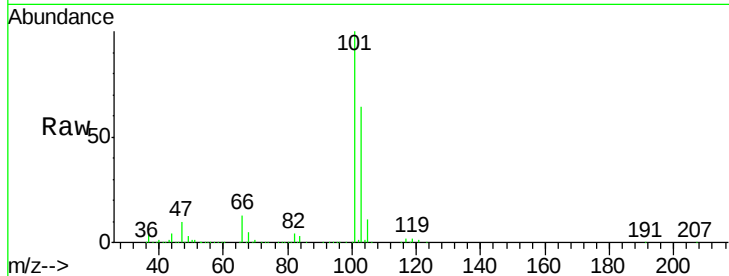
Trichlorofluoromethane
 Concen: 18.440 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	54.2	81.4

Manual Integrations
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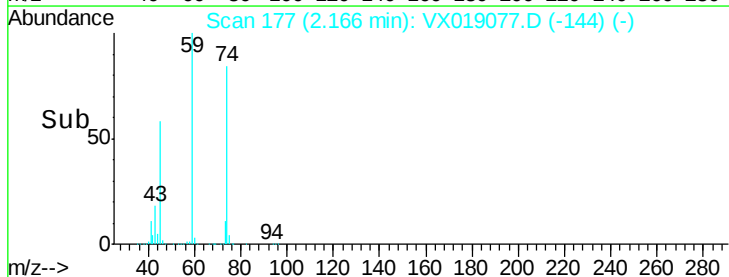
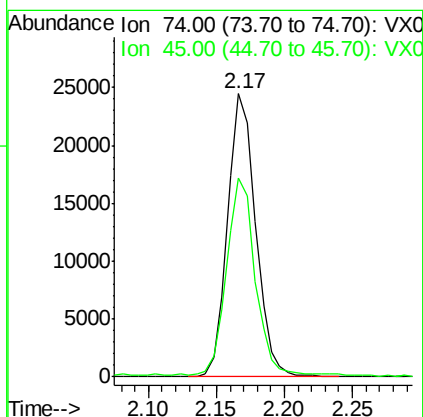
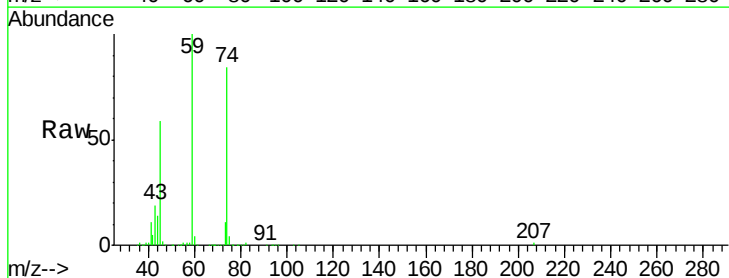
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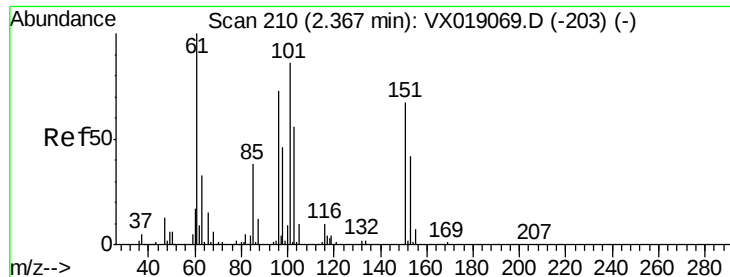


#8

Diethyl Ether
 Concen: 19.305 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	69.5	14.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.747 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

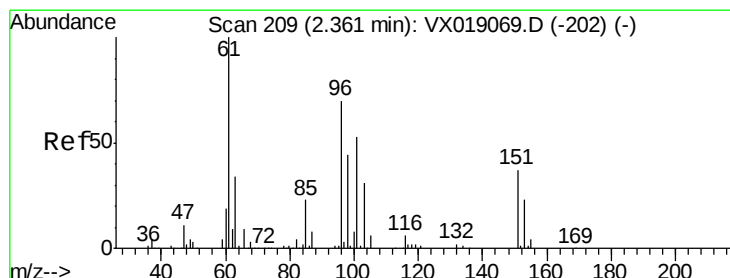
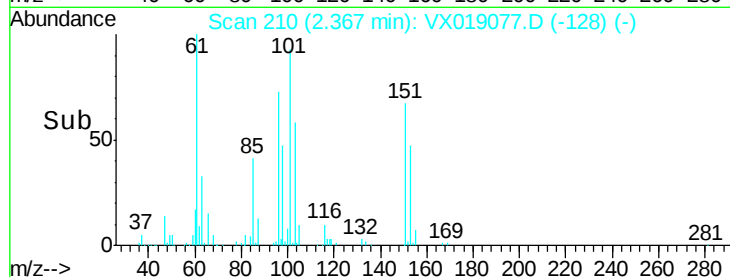
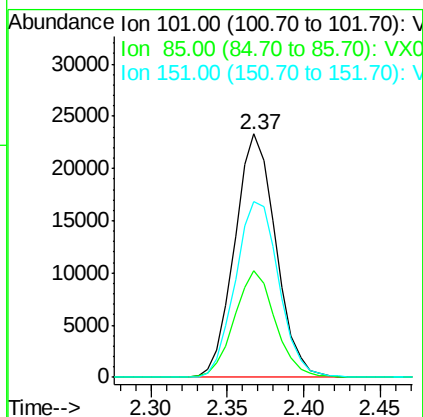
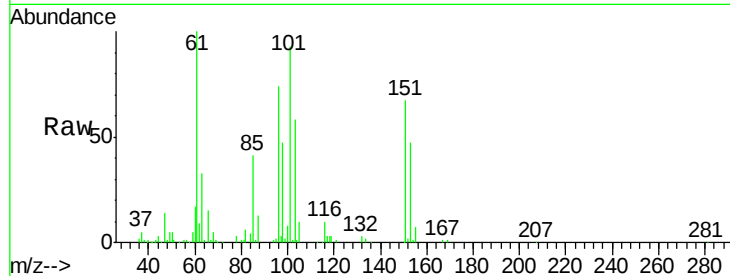
ClientSampleId :

VX1023WBS01

Tot Ion:	101	Resp:	43714
Ion Ratio	Lower	Upper	
101	100		
85	43.3	0.0	87.0
151	76.2	0.0	151.8

Manual Integrations
APPROVED

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#10

1,1-Dichloroethene

Concen: 18.683 ug/l

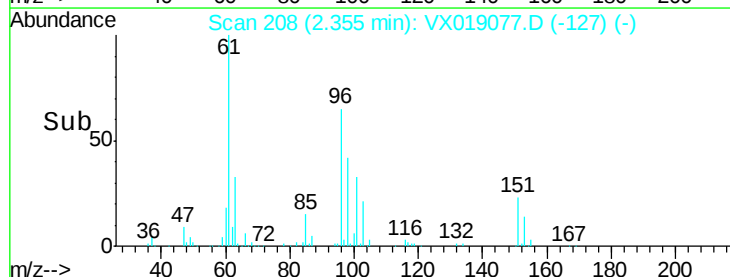
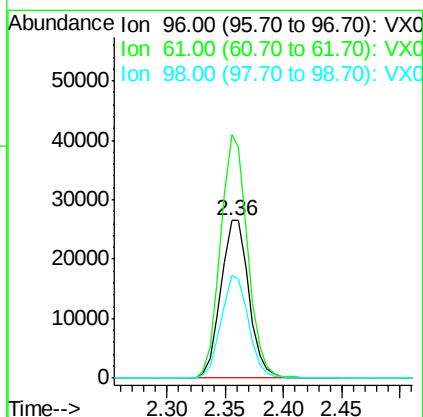
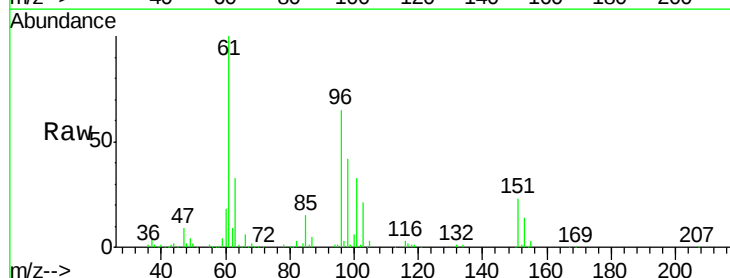
RT: 2.36 min Scan# 208

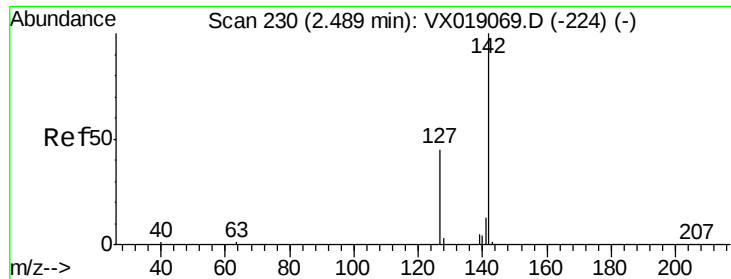
Delta R.T. -0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion:	96	Resp:	44289
Ion Ratio	Lower	Upper	
96	100		
61	154.4	113.8	170.8
98	64.9	50.4	75.6





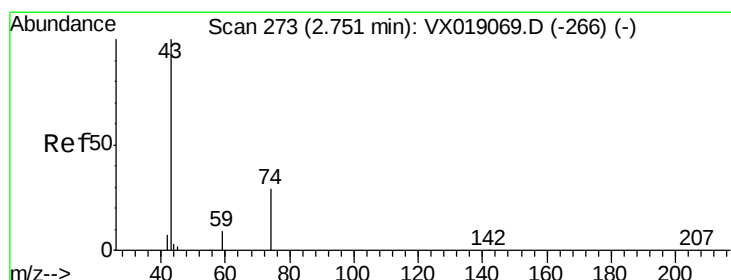
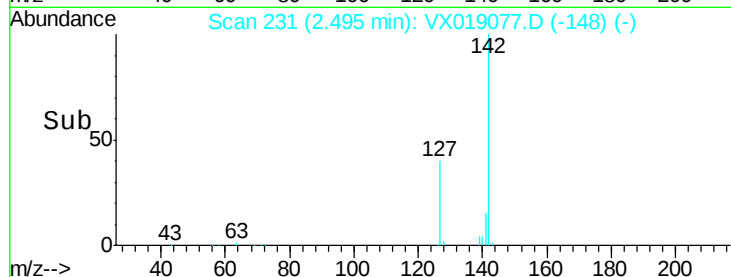
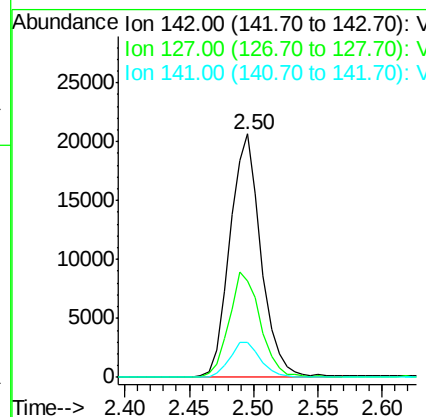
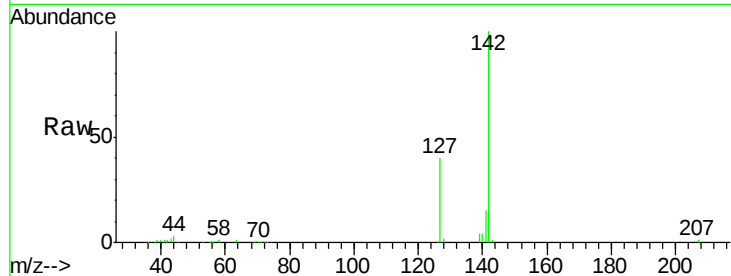
#11
Methyl Iodide
Concen: 18.581 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.7	22.6	67.7
141	14.6	6.3	19.1

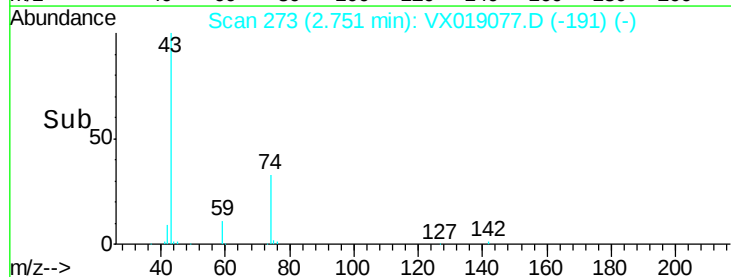
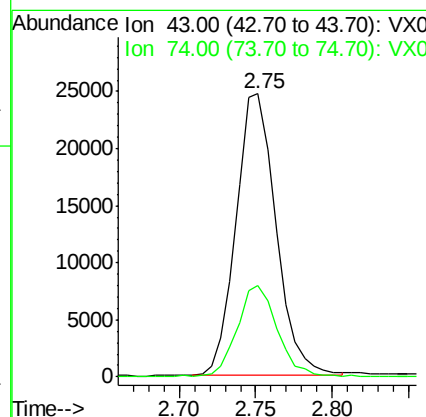
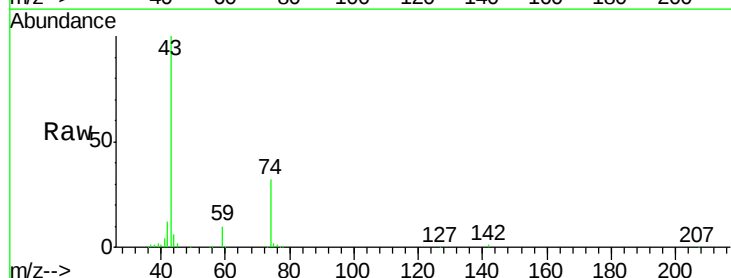
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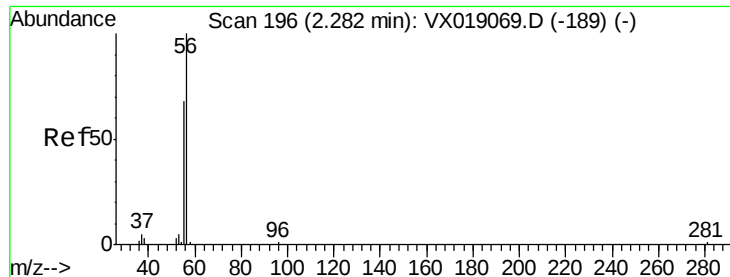
MMDadoda
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#12
Methyl Acetate
Concen: 19.135 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.4	23.9	35.9





#13

Acrolein

Concen: 100.508 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion: 56 Resp: 21718

Ion Ratio Lower Upper

56 100

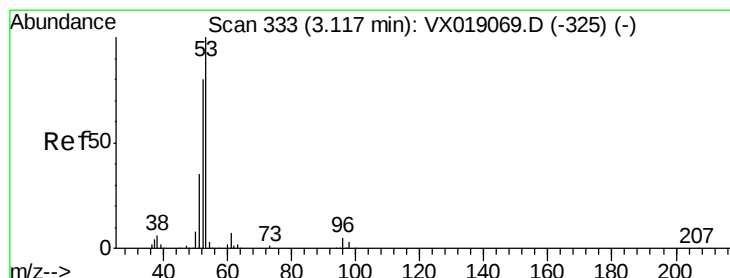
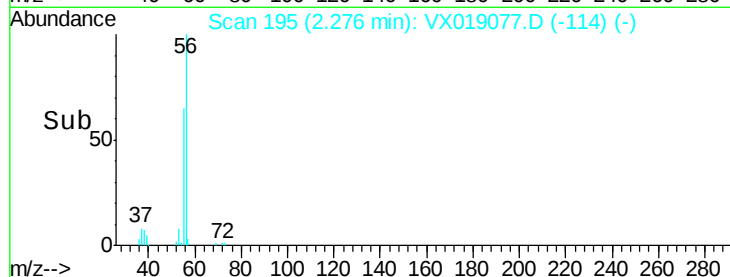
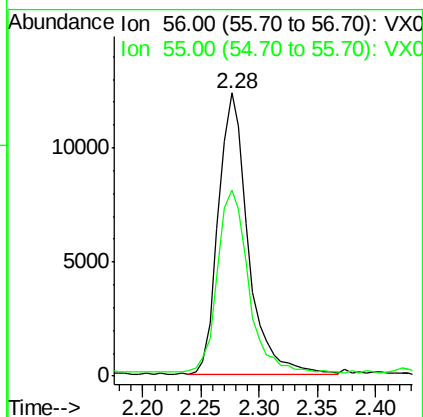
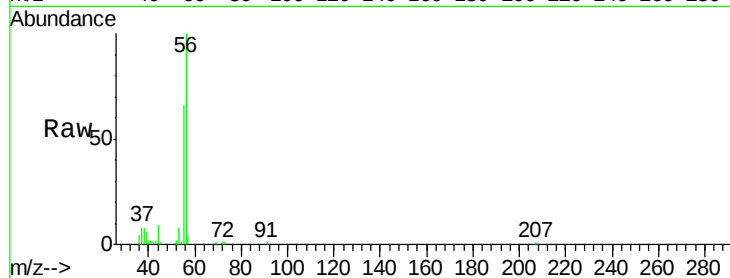
55 71.1 58.2 87.2

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#14

Acrylonitrile

Concen: 98.157 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

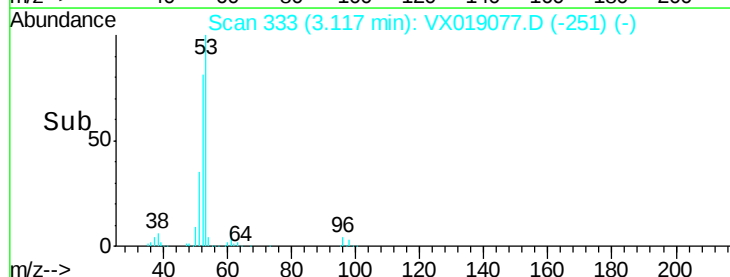
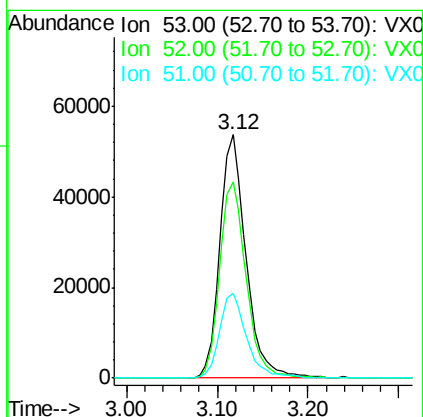
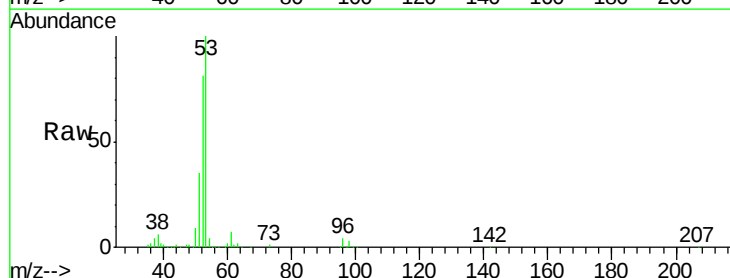
Tgt Ion: 53 Resp: 108219

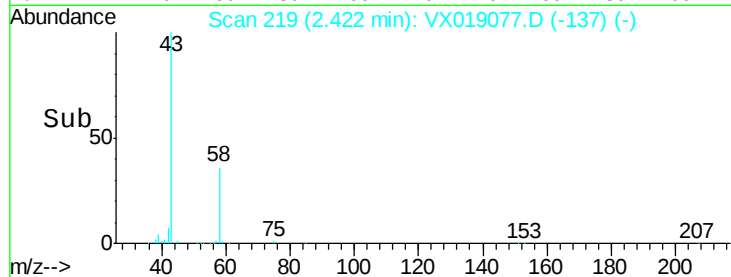
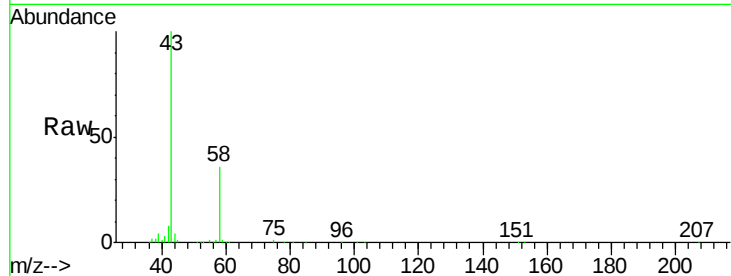
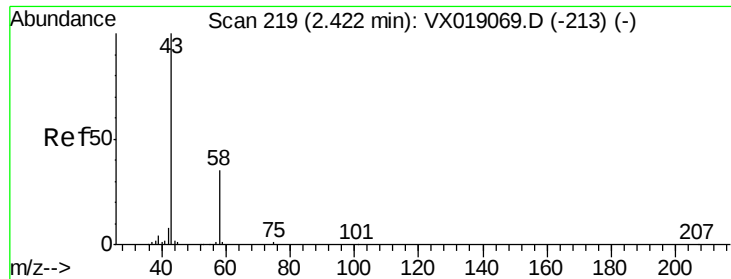
Ion Ratio Lower Upper

53 100

52 81.8 41.0 123.0

51 36.0 18.2 54.6





#15

Acetone

Concen: 100.311 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tot Ion: 58 Resp: 31681

Ion Ratio Lower Upper

58 100

43 279.9 226.7 340.1

Instrument :

MSVOA_X

ClientSampled :

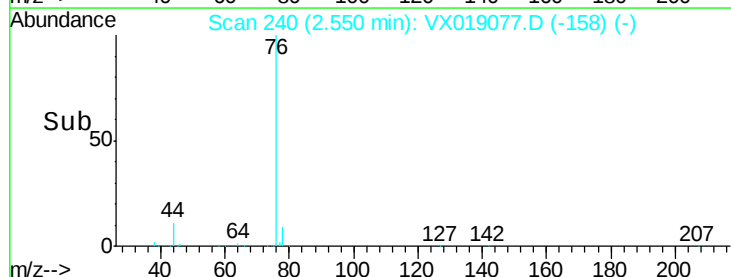
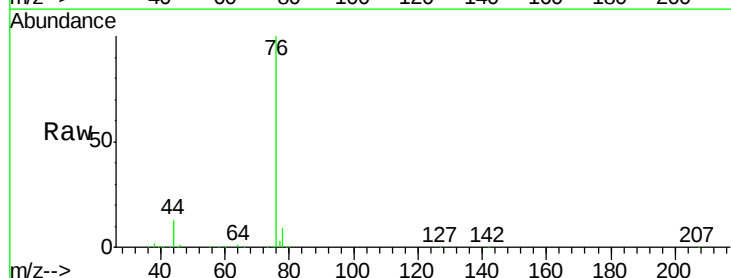
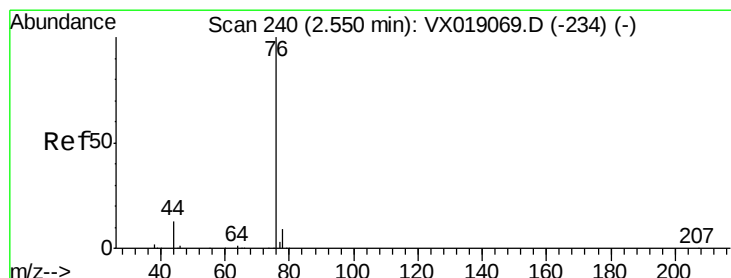
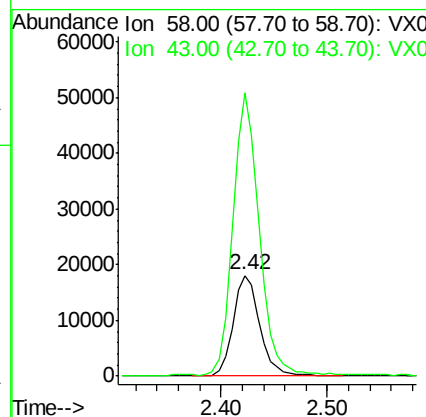
VX1023WBS01

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#16

Carbon Disulfide

Concen: 18.175 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019077.D

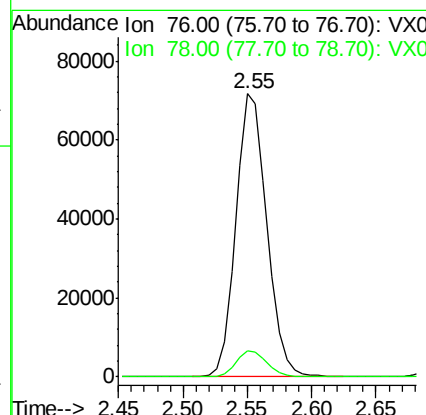
Acq: 23 Oct 2020 14:03

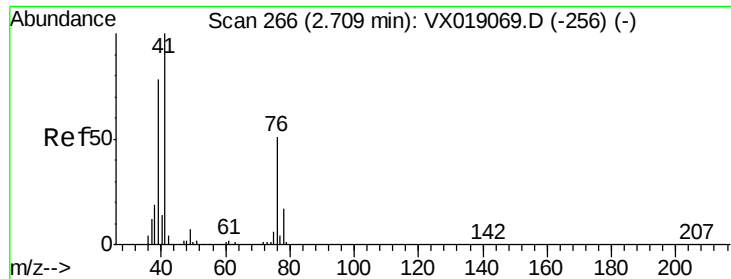
Tgt Ion: 76 Resp: 119755

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8





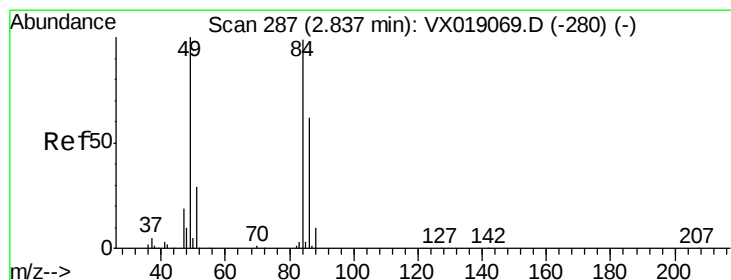
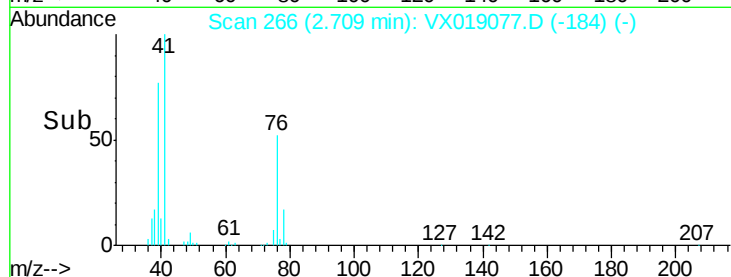
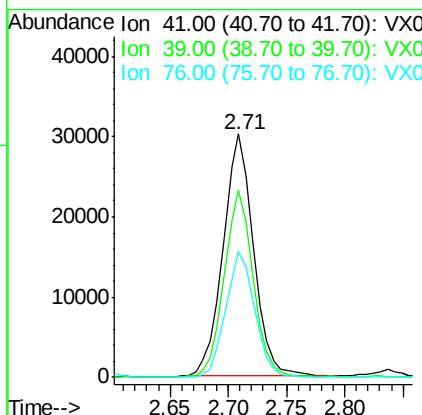
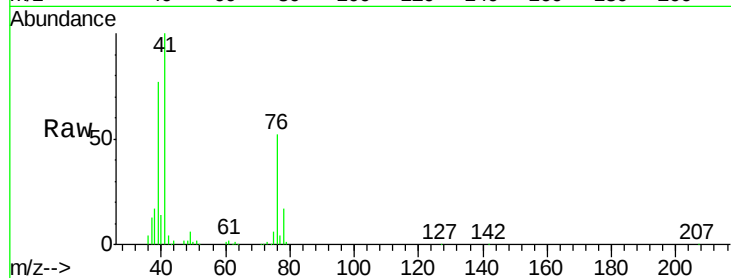
#17
Allvl chloride
Concen: 18.445 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.1	38.8	116.3
76	51.9	25.8	77.4

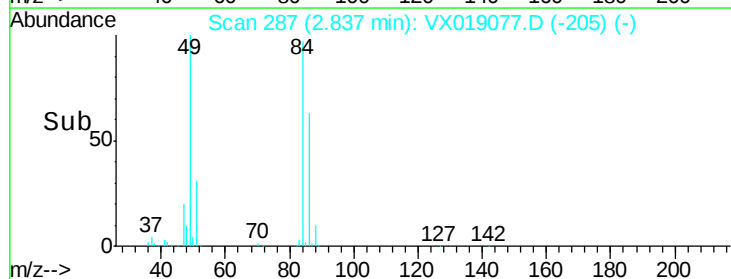
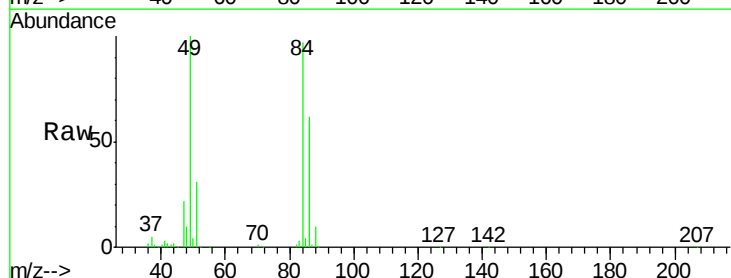
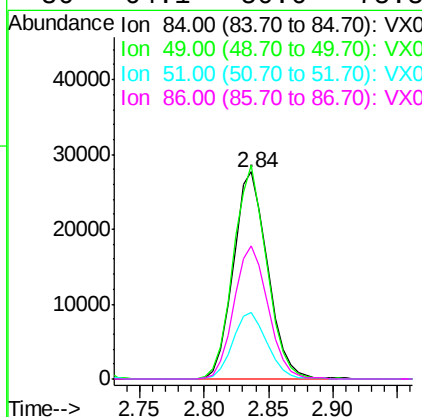
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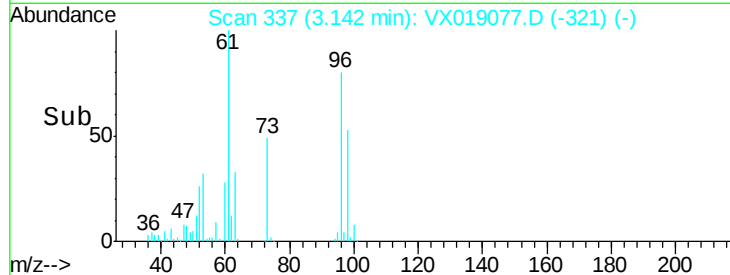
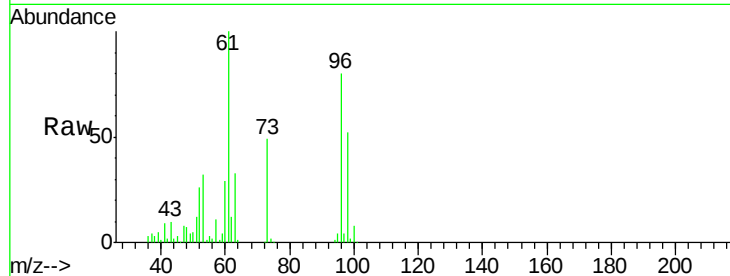
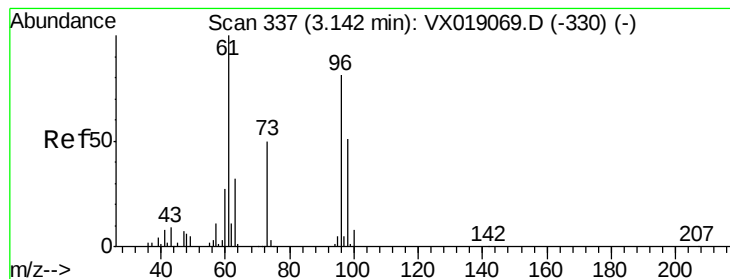
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#18
Methylene Chloride
Concen: 18.974 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.1	80.9	121.3
51	32.4	23.8	35.6
86	64.1	50.6	75.8





#19

trans-1,2-Dichloroethene

Concen: 18.241 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tot Ion:	96	Resp:	50504
Ion	Ratio	Lower	Upper
96	100		
61	125.3	98.4	147.6
98	65.8	49.9	74.9

Instrument :

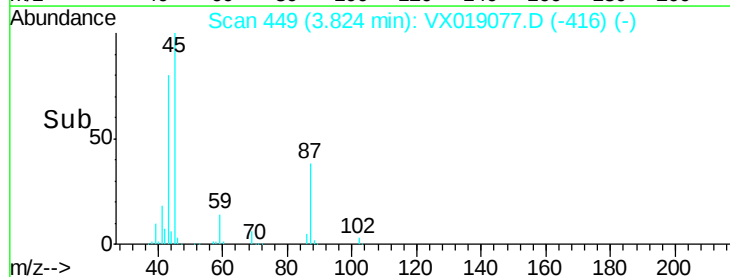
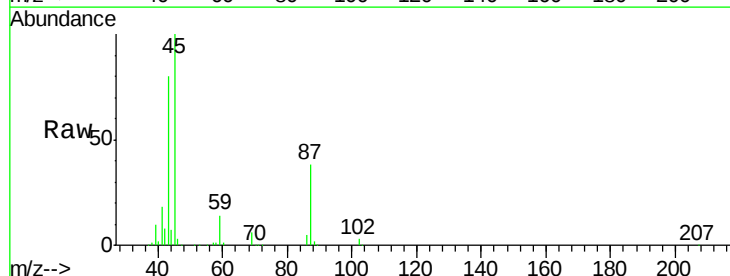
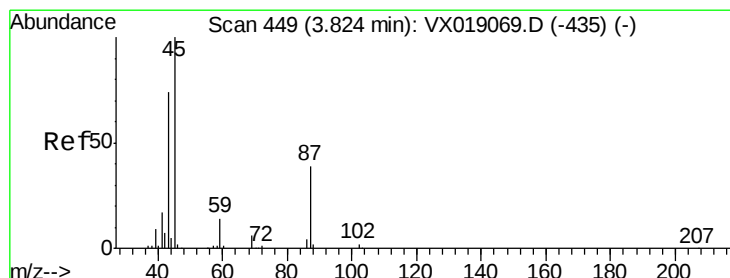
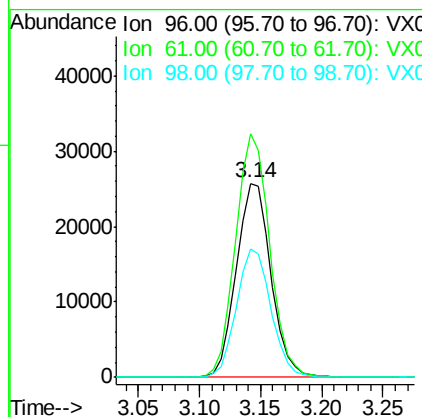
MSVOA_X

ClientSampleId :

VX1023WBS01

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#20

Diisopropyl ether

Concen: 18.799 ug/l

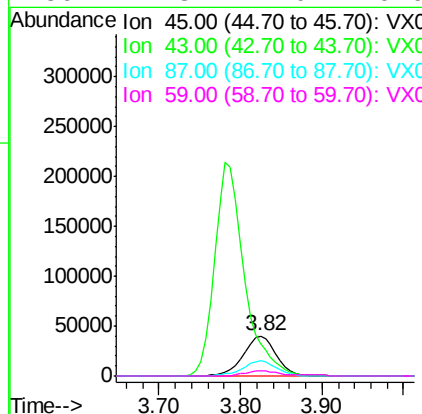
RT: 3.82 min Scan# 449

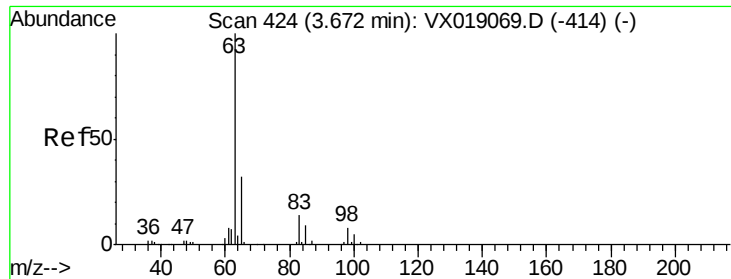
Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion:	45	Resp:	112771
Ion	Ratio	Lower	Upper
45	100		
43	78.6	60.6	91.0
87	37.5	30.9	46.3
59	14.3	11.0	16.6





#21

1,1-Dichloroethane

Concen: 18.663 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

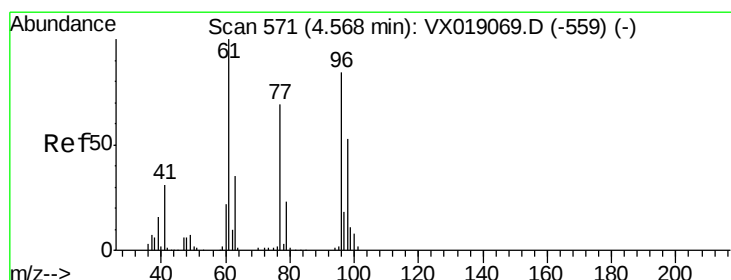
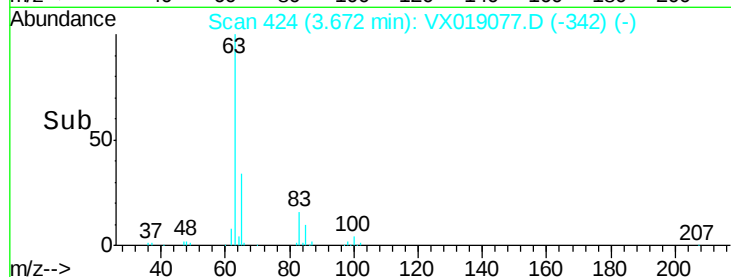
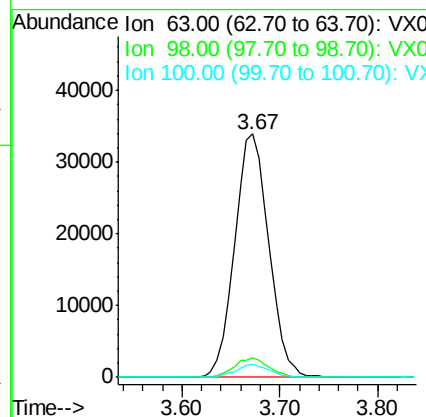
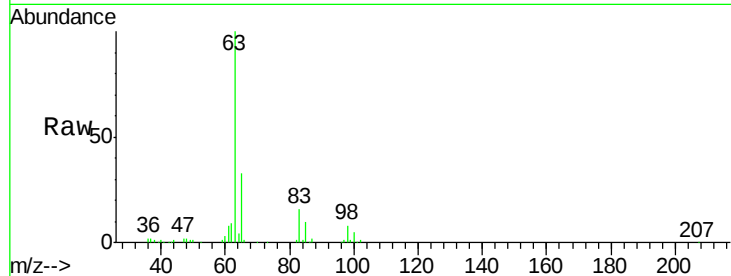
ClientSampleId :

VX1023WBS01

Tot Ion:	63	Resp:	82196
Ion Ratio	Lower	Upper	
63	100		
98	7.9	3.9	11.7
100	5.4	2.4	7.2

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.384 ug/l

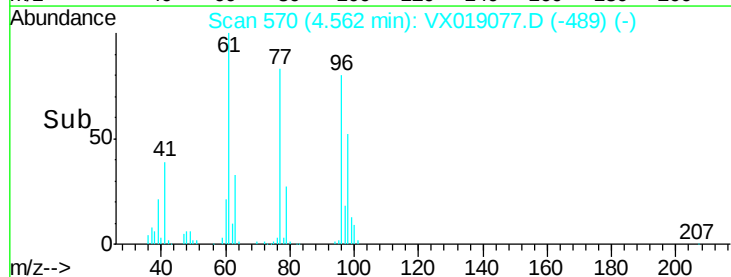
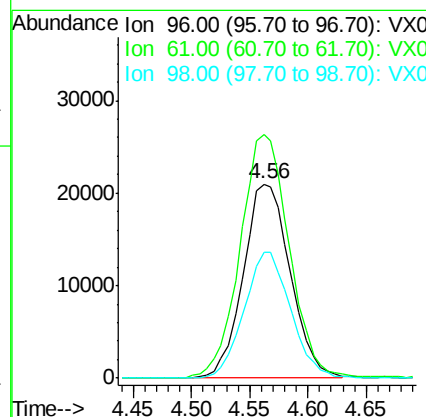
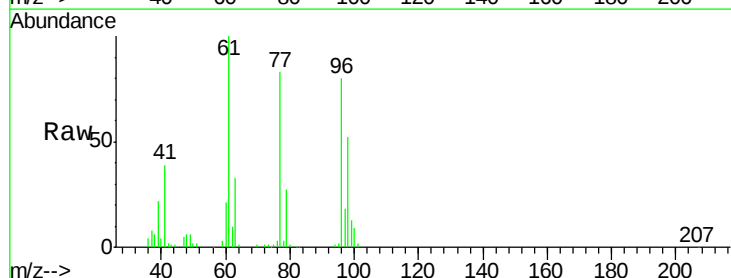
RT: 4.56 min Scan# 570

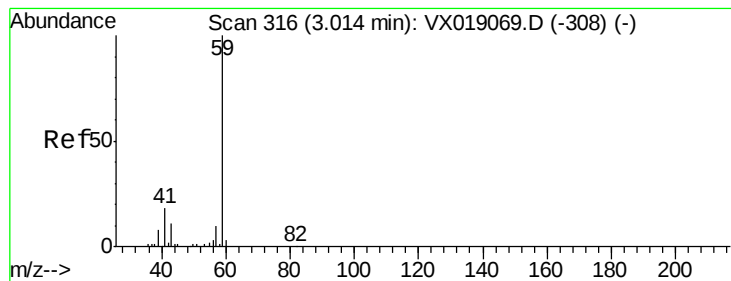
Delta R.T. -0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion:	96	Resp:	58961
Ion Ratio	Lower	Upper	
96	100		
61	130.2	101.9	152.9
98	64.3	51.3	76.9





#23

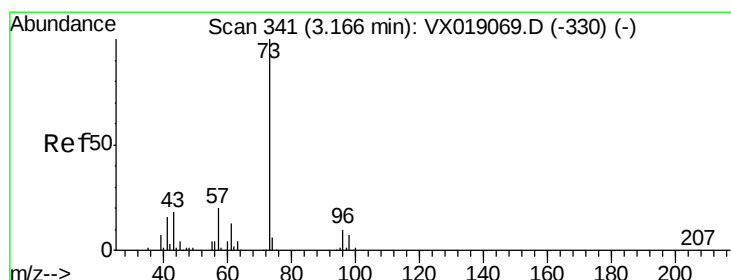
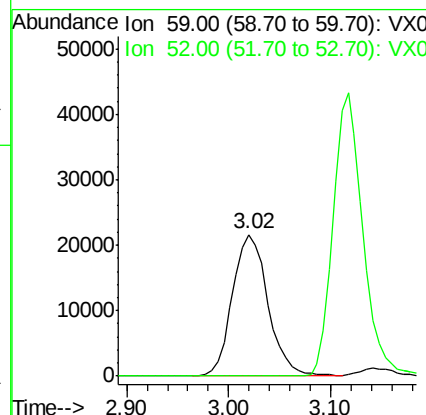
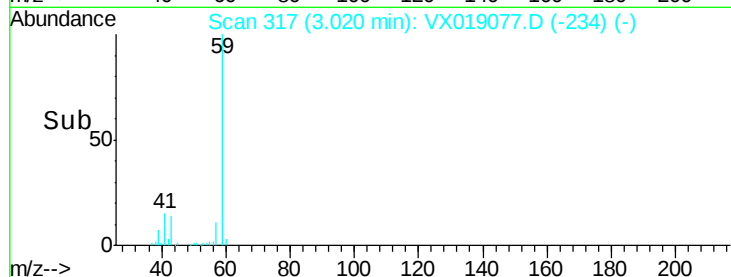
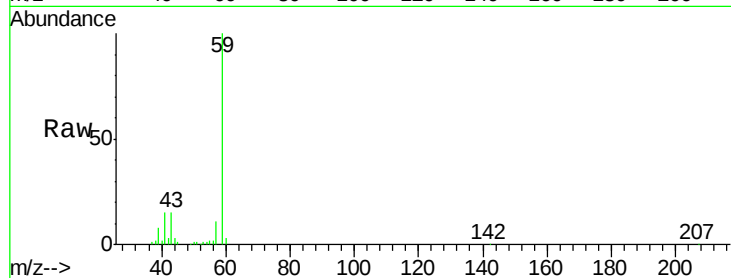
tert-Butyl Alcohol
 Concen: 97.693 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Tot Ion: 59 Resp: 52217
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.4#

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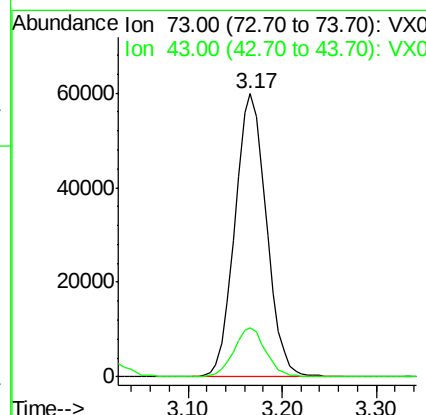
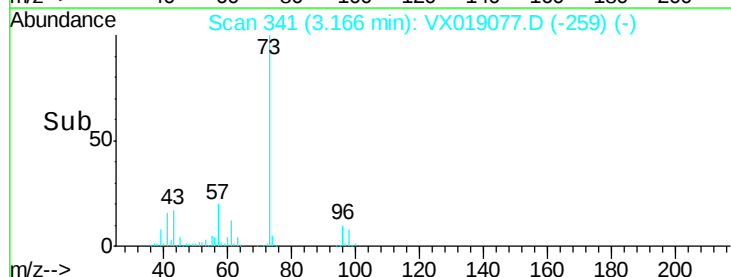
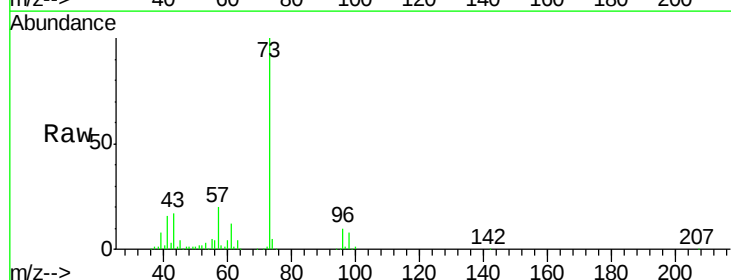
MMDadoda
 10/26/2020 2:27:57 PM

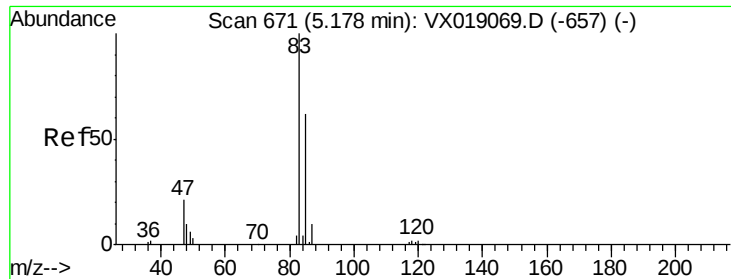


#24

Methyl tert-Butyl Ether
 Concen: 18.611 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion: 73 Resp: 139507
 Ion Ratio Lower Upper
 73 100
 43 17.2 13.9 20.9





#25

Chloroform

Concen: 18.731 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion: 83 Resp: 91405

Ion Ratio Lower Upper

83 100

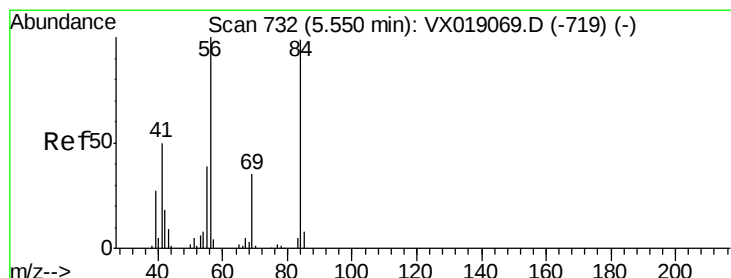
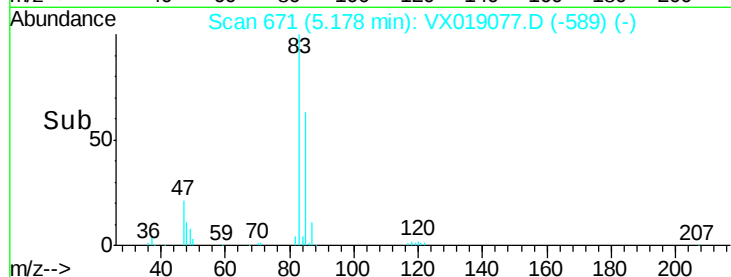
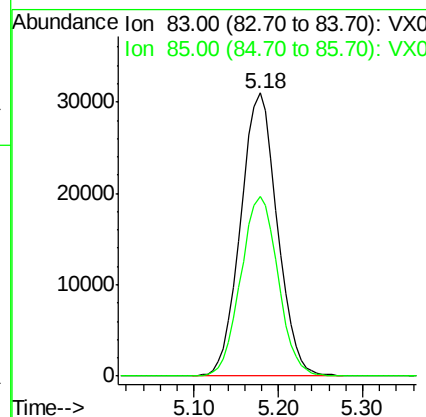
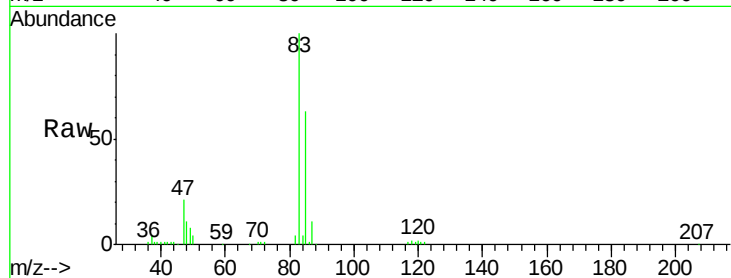
85 63.4 49.8 74.8

Manual Integrations

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#26

Cyclohexane

Concen: 18.653 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

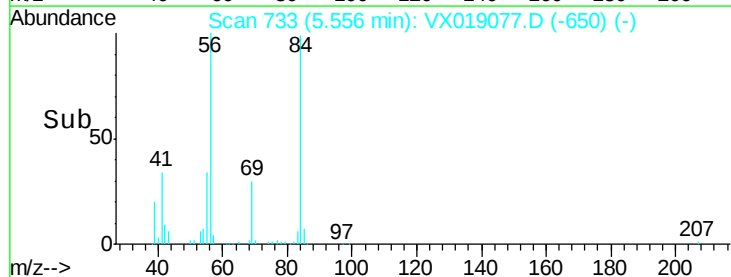
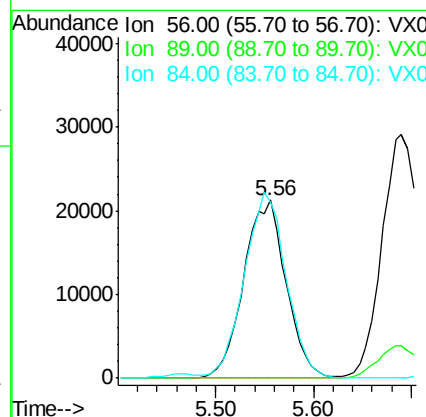
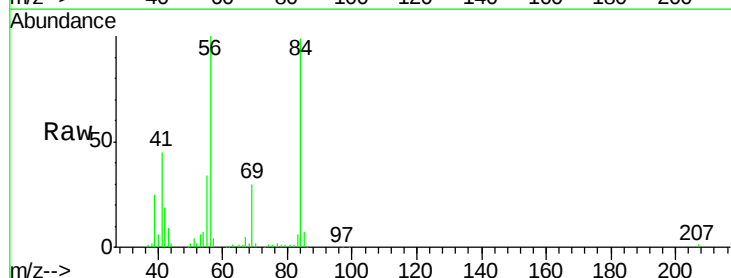
Tgt Ion: 56 Resp: 63839

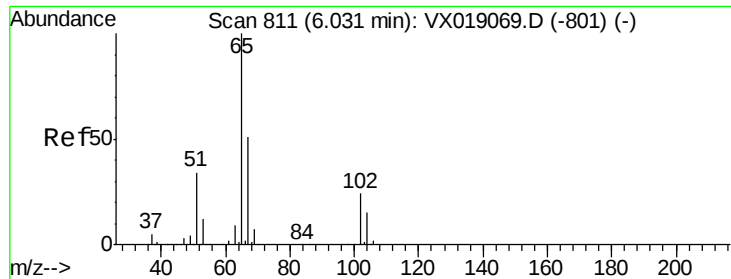
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 103.4 83.7 125.5





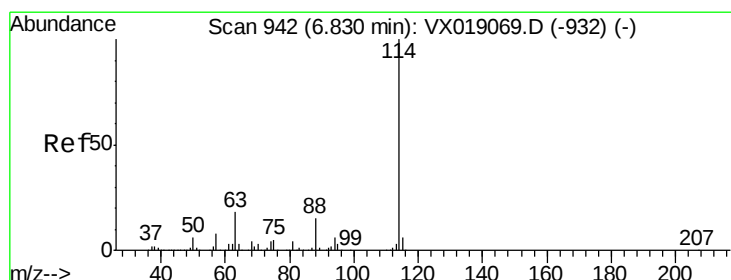
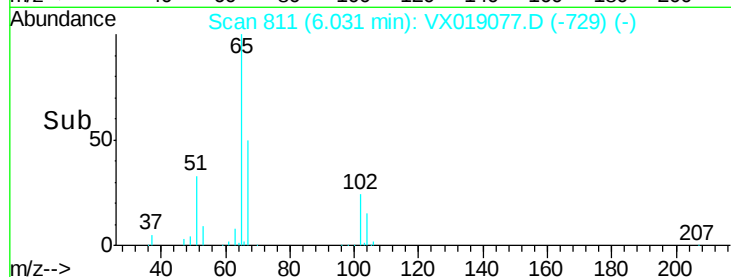
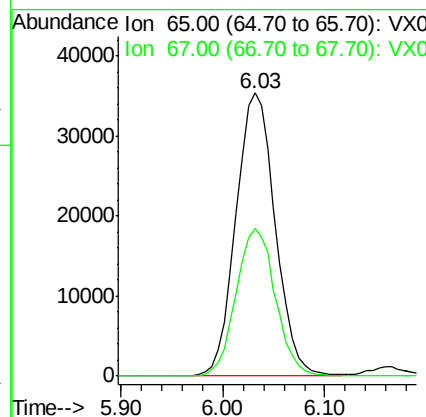
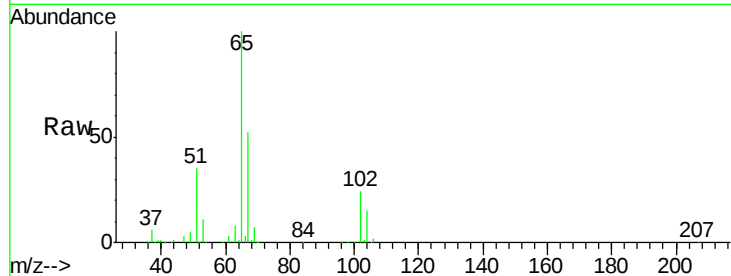
#27
 1,2-Dichloroethane-d4
 Concen: 30.156 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	42.0	63.0

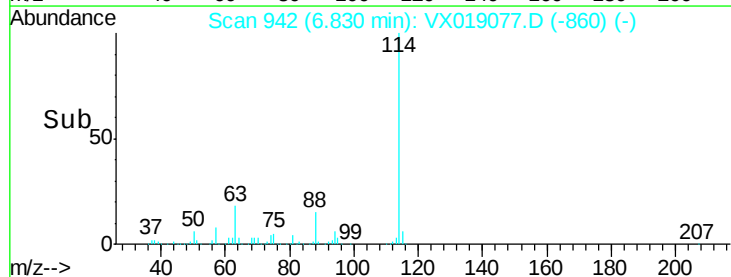
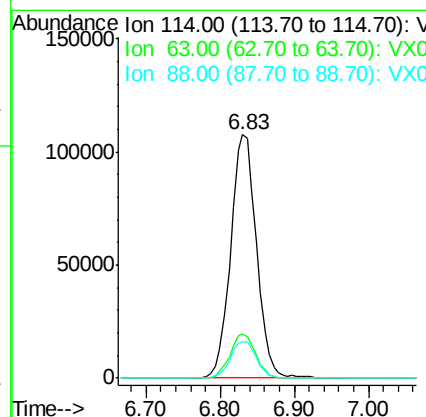
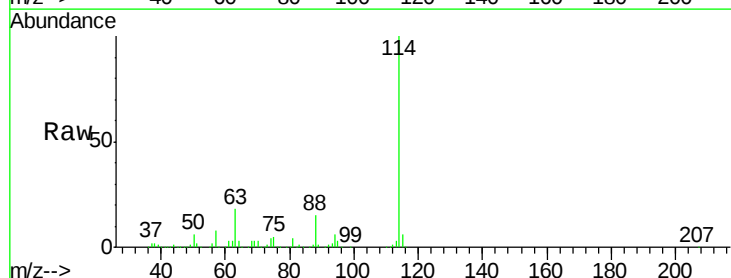
Manual Integrations
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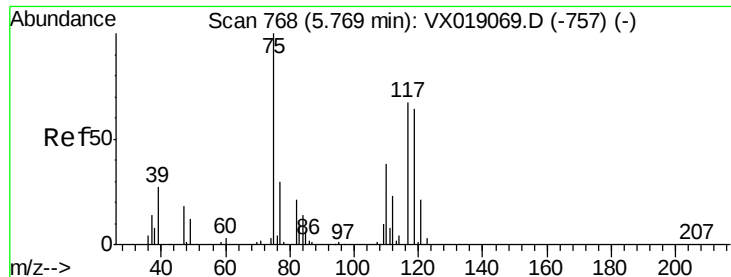
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	14.6	21.8
88	15.3	12.2	18.2





#29

1,1-Dichloropropene

Concen: 18.665 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

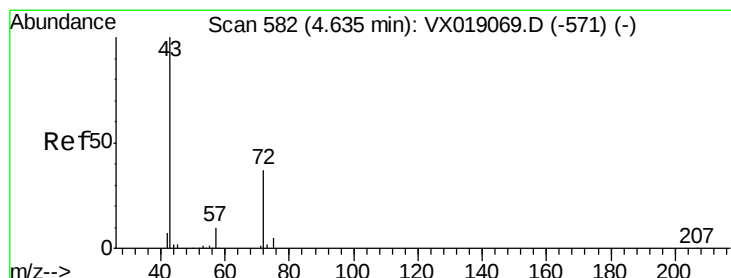
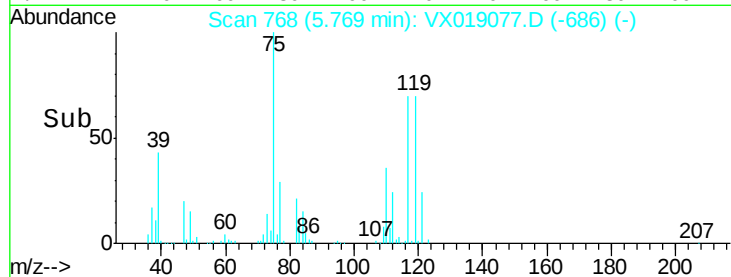
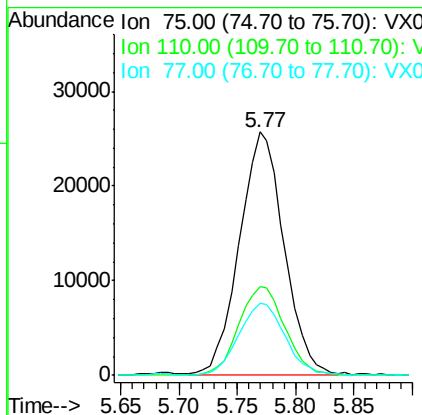
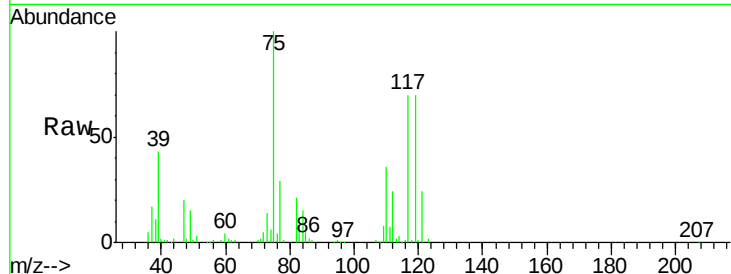
ClientSampleId :

VX1023WBS01

Tot Ion:	75	Resp:	68835
Ion Ratio	Lower	Upper	
75	100		
110	37.7	0.0	77.4
77	30.7	0.0	62.8

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#30

2-Butanone

Concen: 100.626 ug/l

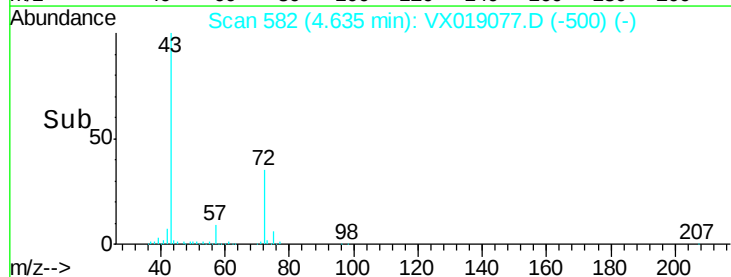
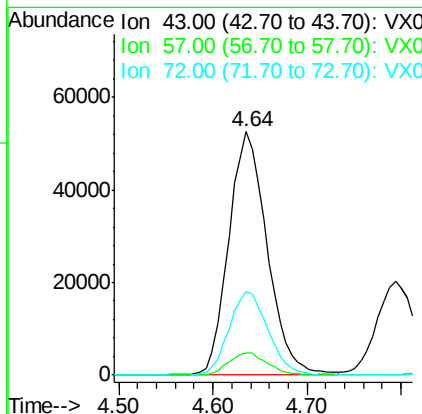
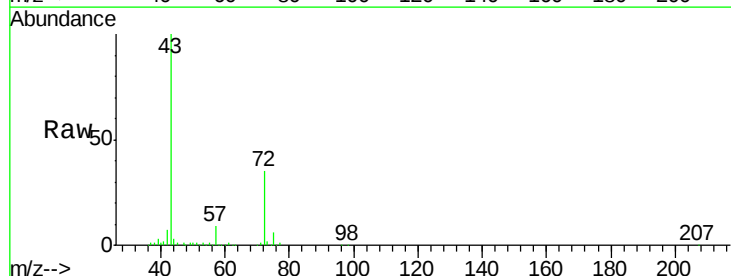
RT: 4.64 min Scan# 582

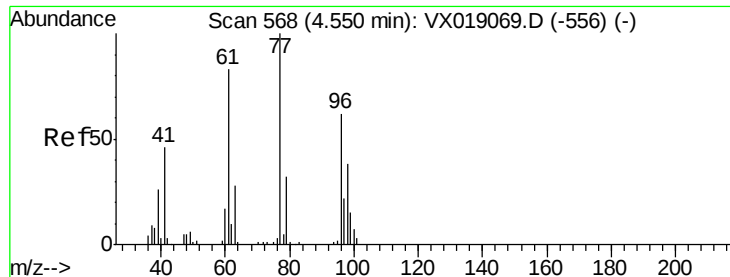
Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion:	43	Resp:	147838
Ion Ratio	Lower	Upper	
43	100		
57	9.4	7.8	11.6
72	34.2	28.1	42.1





#31

2,2-Dichloropropane

Concen: 18.675 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion: 77 Resp: 78799

Ion Ratio Lower Upper

77 100

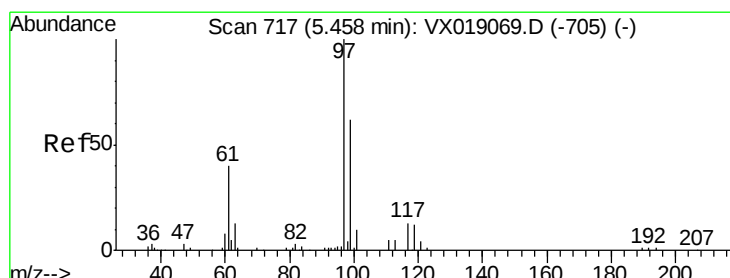
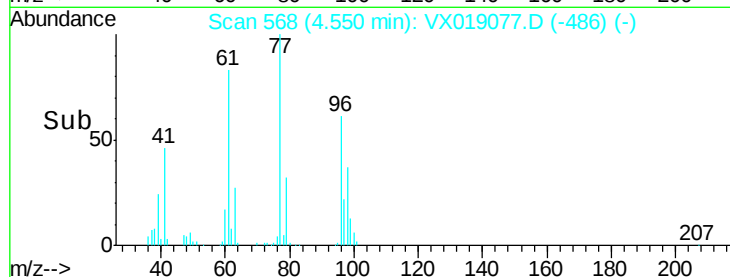
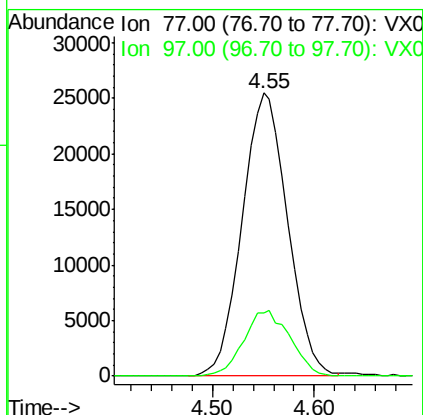
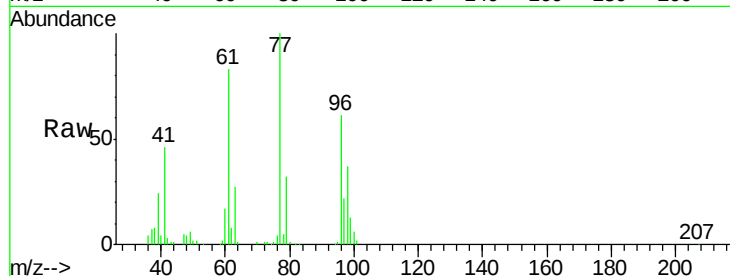
97 23.7 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 18.419 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

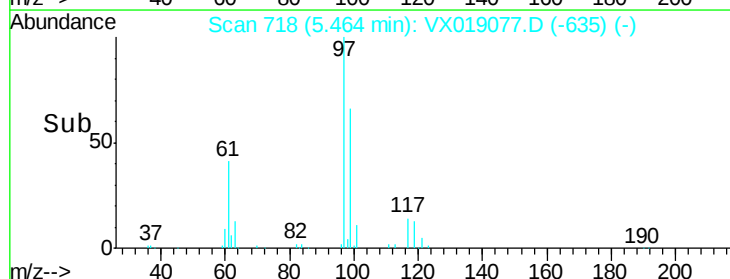
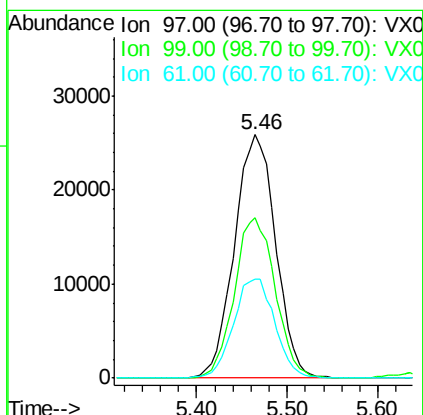
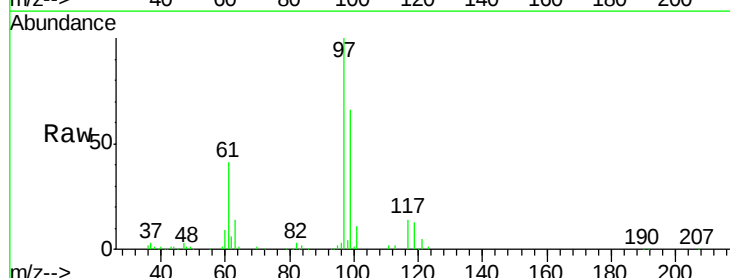
Tgt Ion: 97 Resp: 81645

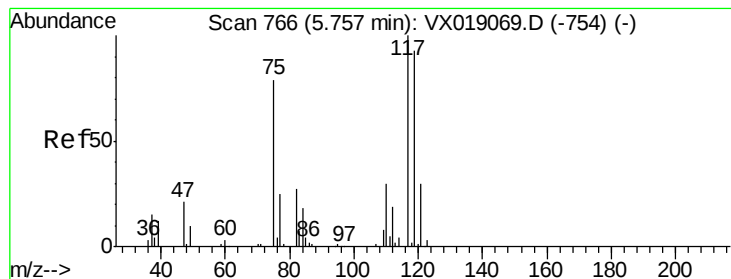
Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.6

61 41.0 32.0 48.0





#33

Carbon Tetrachloride

Concen: 17.975 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

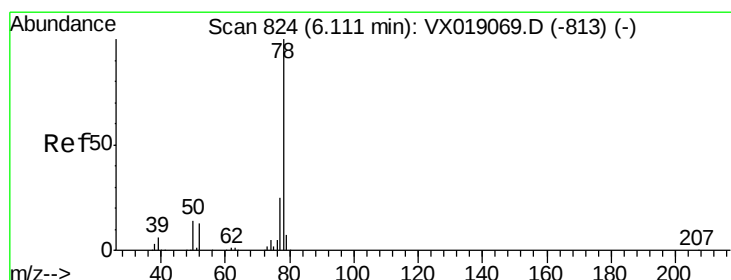
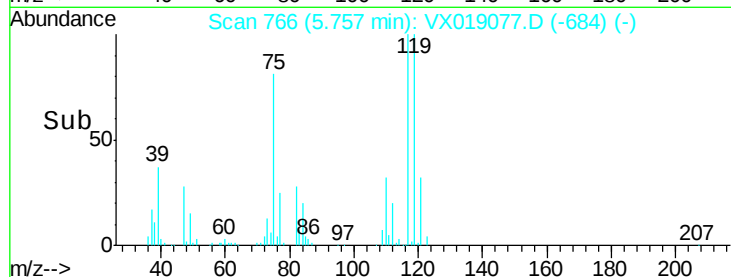
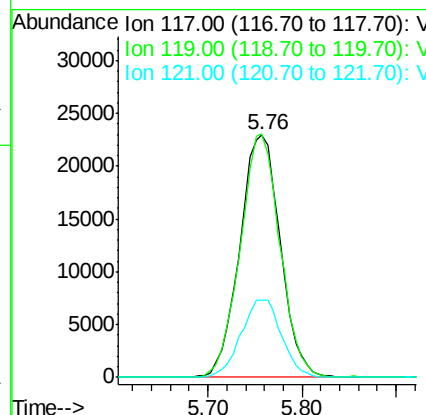
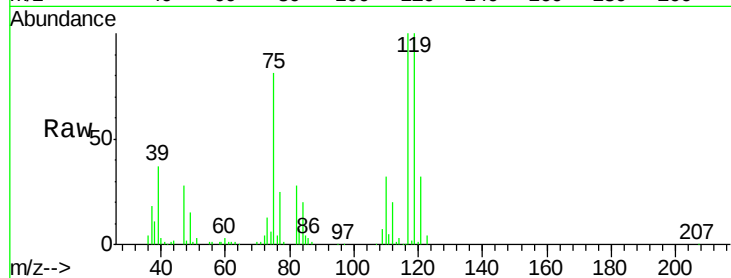
ClientSampleId :

VX1023WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	100.1	74.5	111.7
121	32.0	24.1	36.1

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#34

Benzene

Concen: 18.761 ug/l

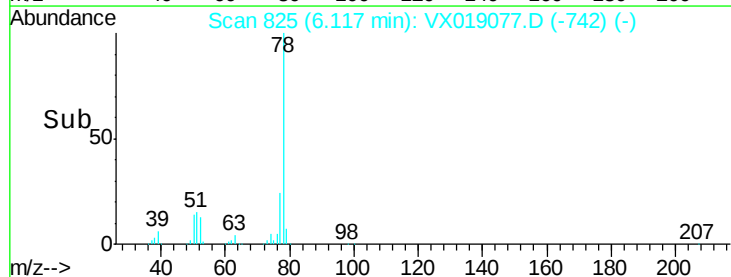
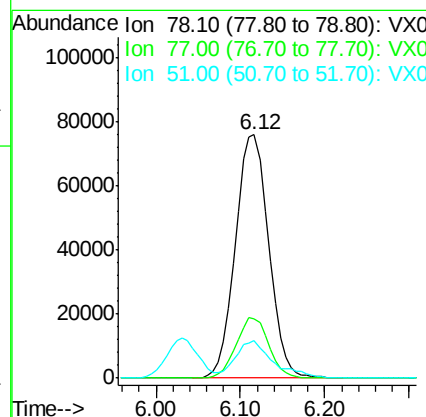
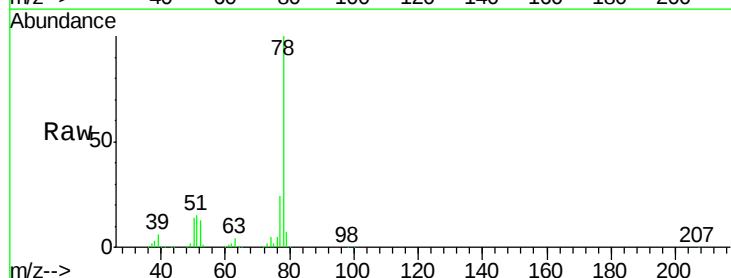
RT: 6.12 min Scan# 825

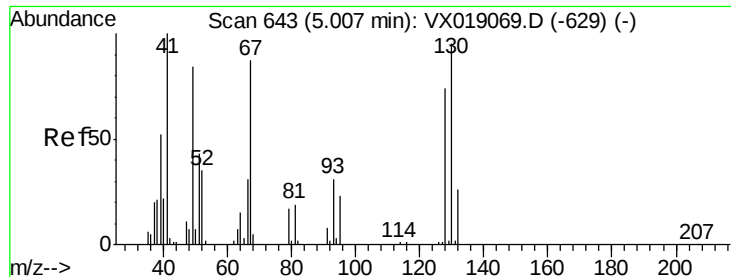
Delta R.T. 0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	20.1	30.1
51	15.2	11.0	16.4





#35

Methacrylonitrile

Concen: 19.977 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion: 41 Resp: 31772

Ion Ratio Lower Upper

41 100

39 51.1 25.8 77.4

67 90.2 43.6 130.8

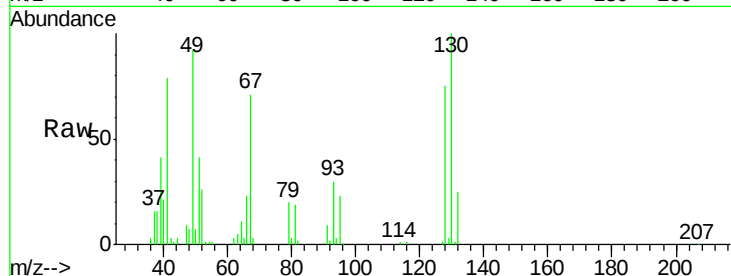
52 32.6 17.3 51.7

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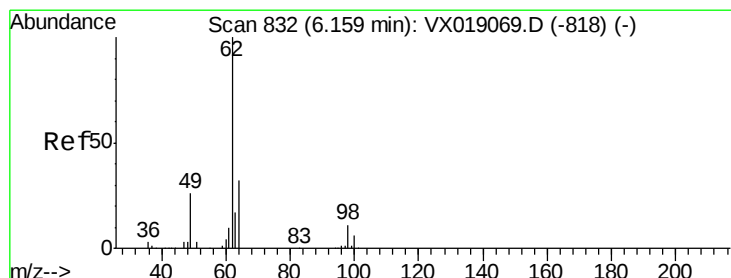
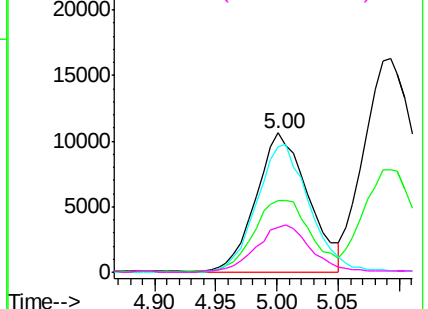
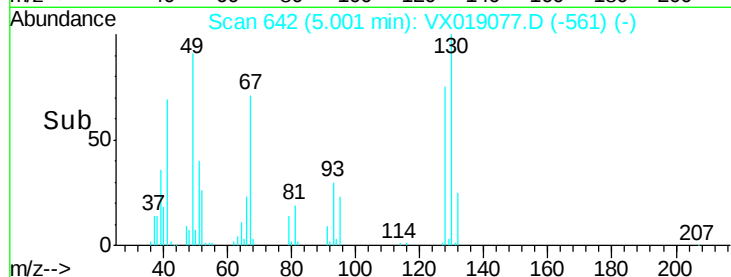


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 18.996 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX019077.D

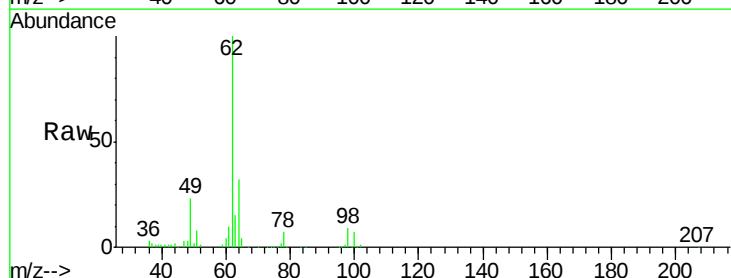
Acq: 23 Oct 2020 14:03

Tgt Ion: 62 Resp: 70709

Ion Ratio Lower Upper

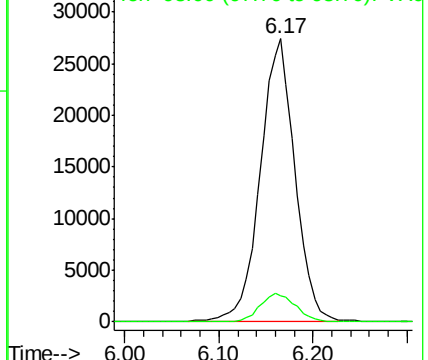
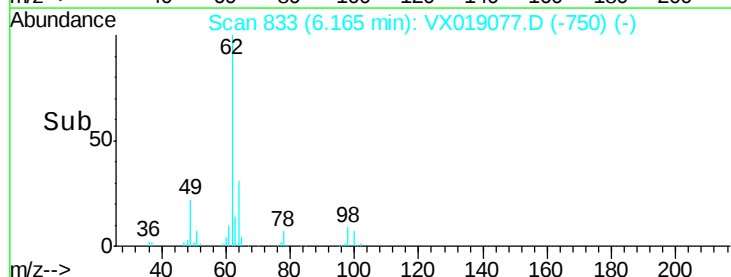
62 100

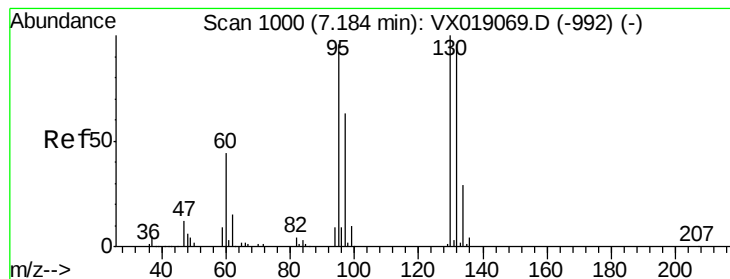
98 10.4 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 18.701 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion:130 Resp: 58327

Ion Ratio Lower Upper

130 100

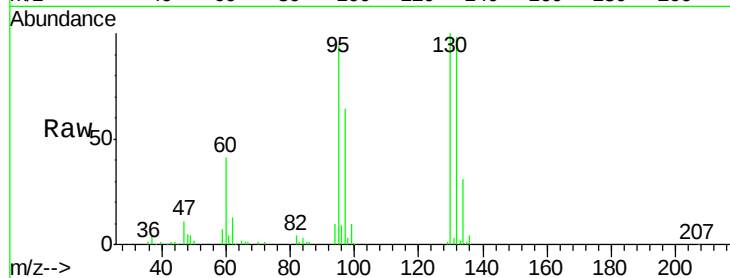
95 94.3 76.8 115.2

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

30000

25000

20000

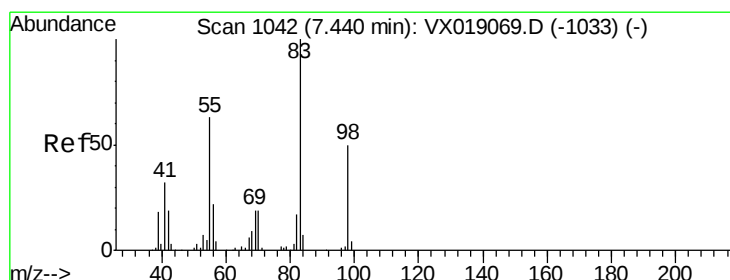
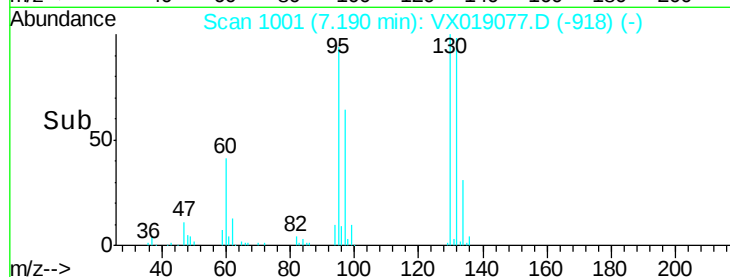
15000

10000

5000

0

Time-->



#38

Methylcyclohexane

Concen: 18.756 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

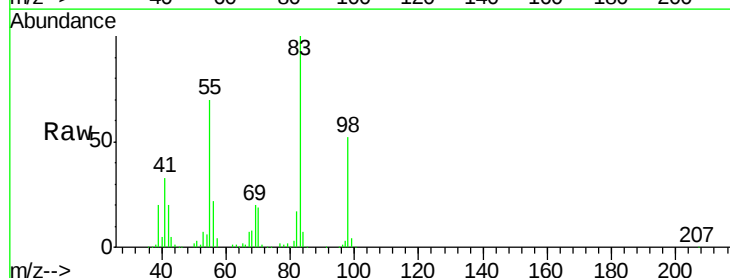
Tgt Ion: 83 Resp: 77532

Ion Ratio Lower Upper

83 100

55 65.0 32.3 96.8

98 50.8 25.7 77.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

40000

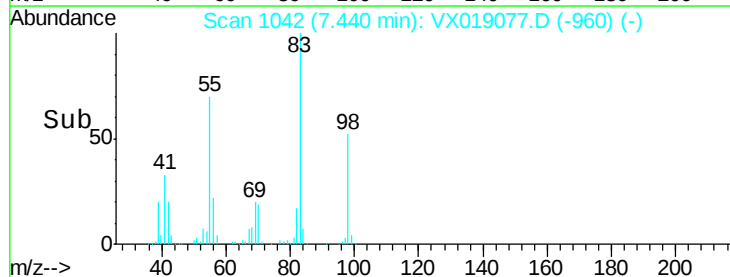
30000

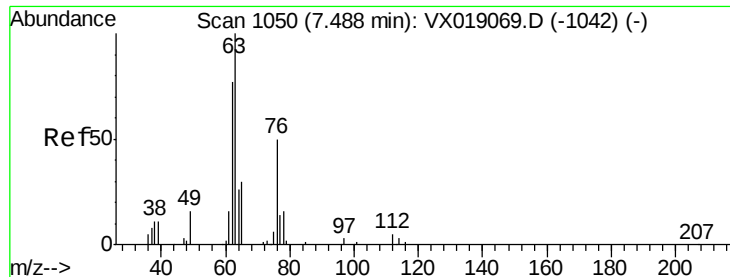
20000

10000

0

Time-->





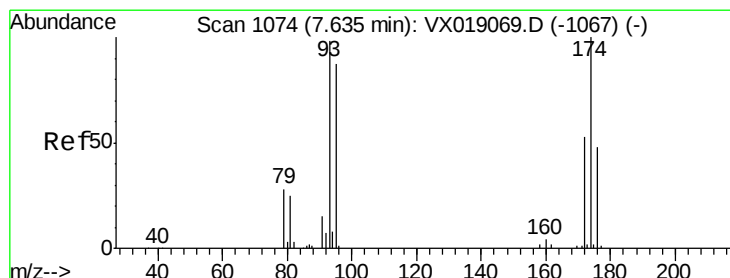
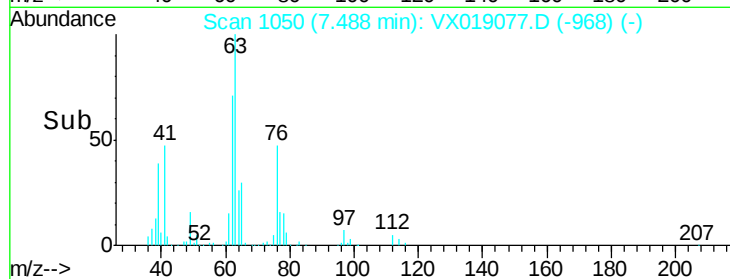
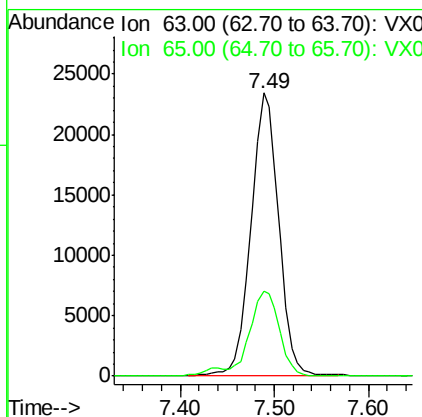
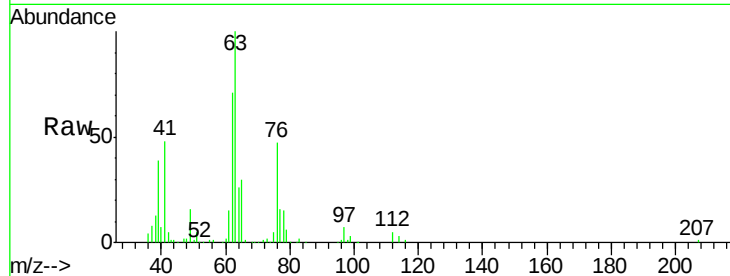
#39
 1,2-Dichloropropane
 Concen: 19.376 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	25.8	38.8

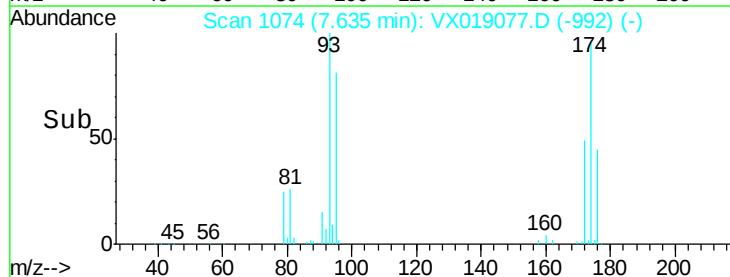
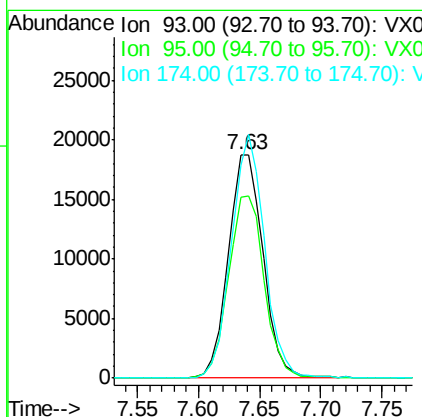
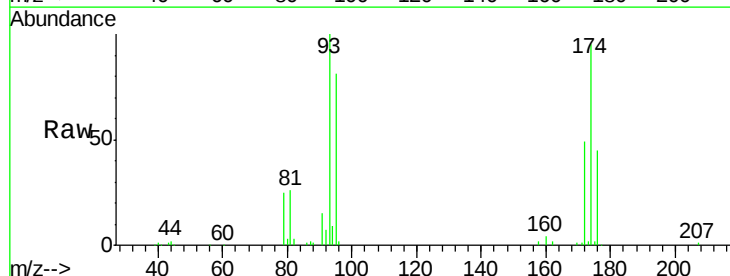
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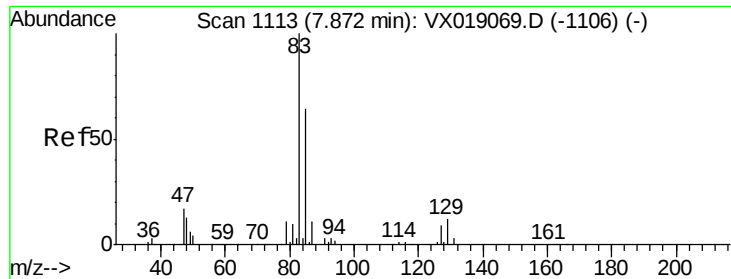
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#40
 Dibromomethane
 Concen: 18.883 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	0.0	169.0
174	103.9	0.0	205.4





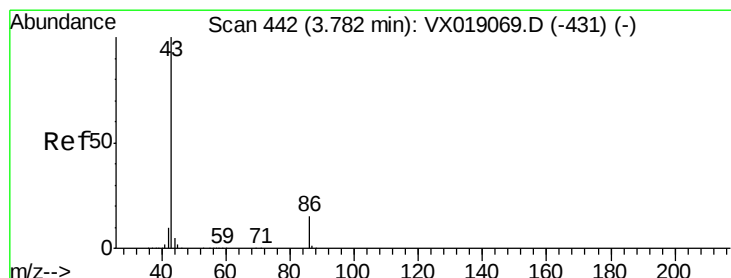
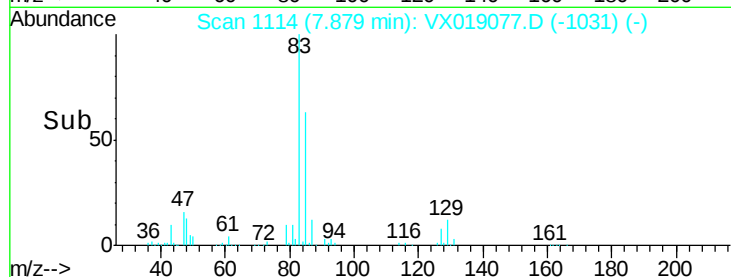
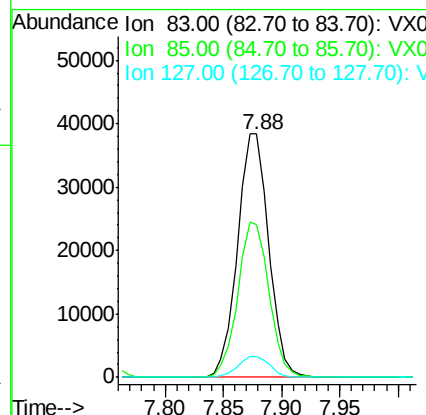
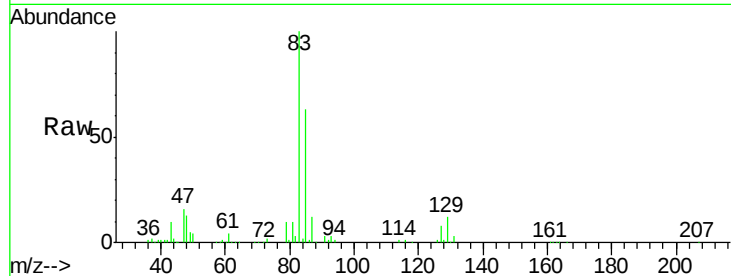
#41
Bromodichloromethane
Concen: 18.615 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	83	Resp	71943
Ion Ratio	100	Lower	Upper
83	100		
85	62.6	51.2	76.8
127	8.4	7.1	10.7

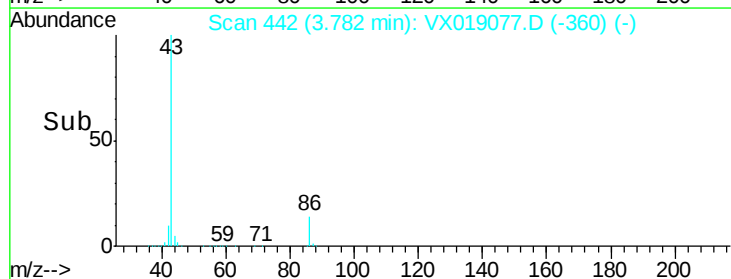
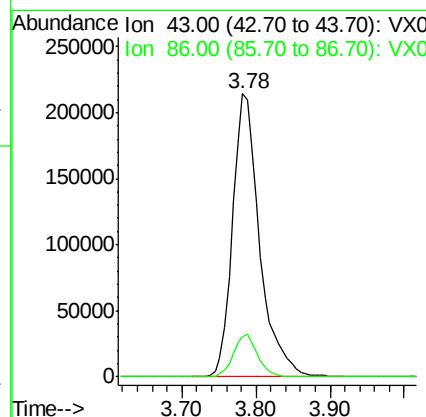
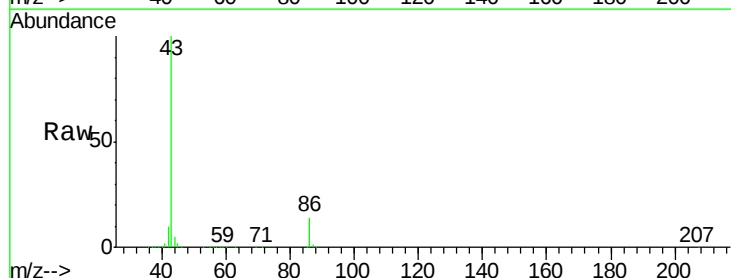
Manual Integrations
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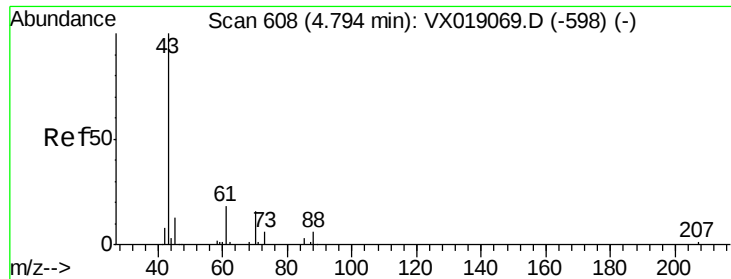
MMDadoda
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#42
Vinyl Acetate
Concen: 95.515 ug/l
RT: 3.78 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	43	Resp	546018
Ion Ratio	100	Lower	Upper
43	100		
86	13.2	10.6	15.8





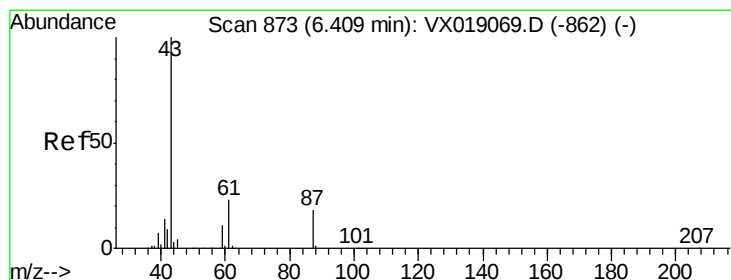
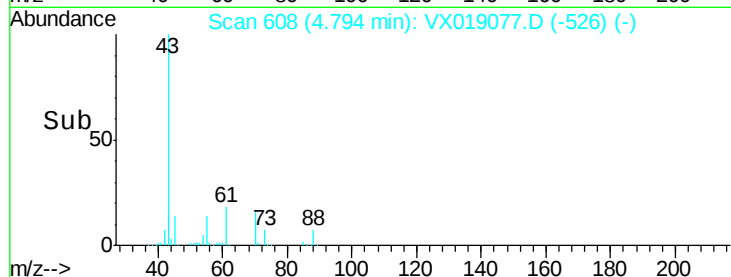
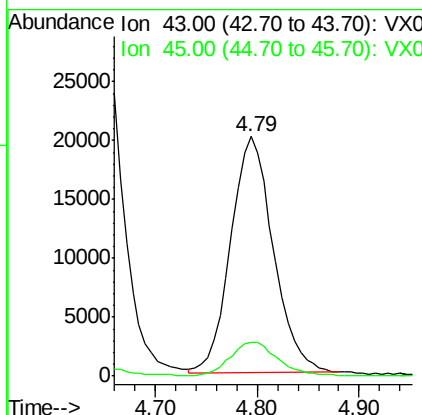
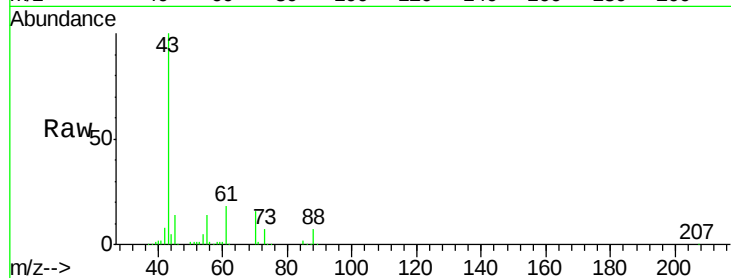
#43
Ethyl Acetate
Concen: 18.900 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	43	Resp	58252
Ion Ratio	Lower	Upper	
43	100		
45	16.3	12.7	19.1

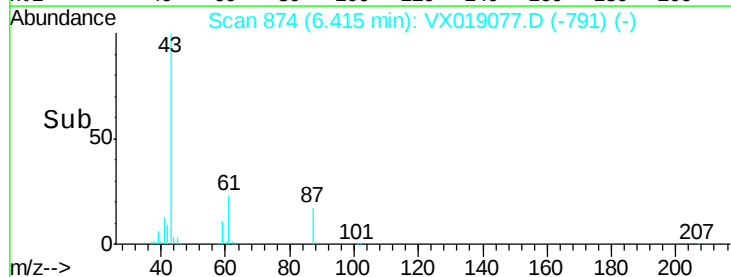
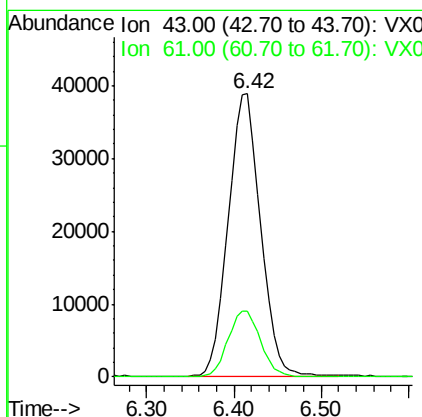
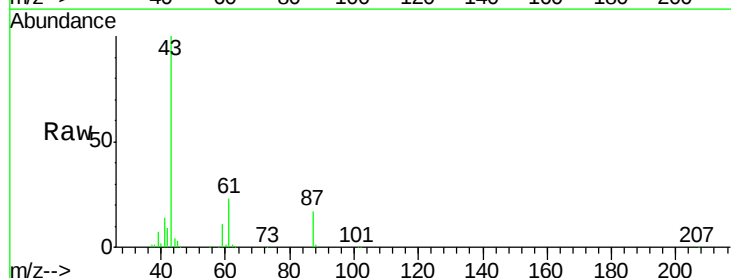
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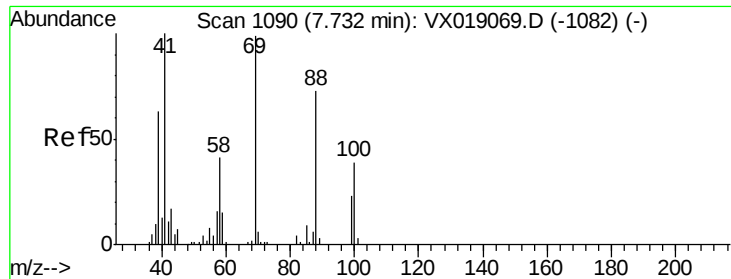
MMDadoda
10/26/2020 2:27:57 PM



#44
Isopropyl Acetate
Concen: 19.284 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	43	Resp	99524
Ion Ratio	Lower	Upper	
43	100		
61	23.4	19.1	28.7





#45

1,4-Dioxane

Concen: 373.949 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

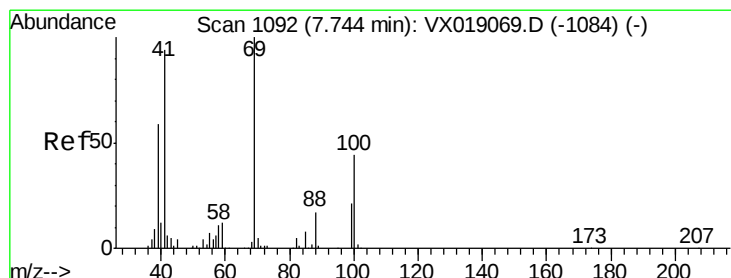
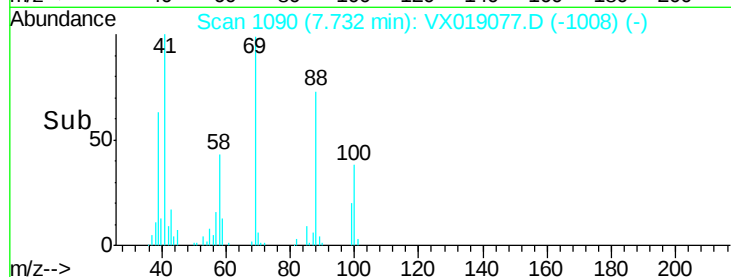
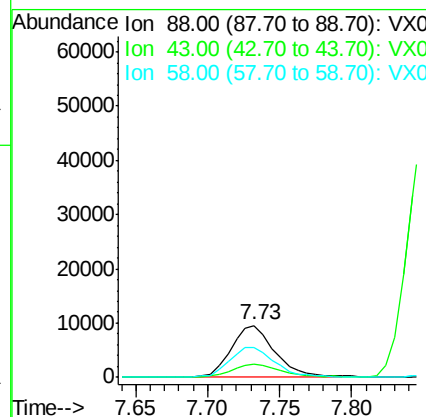
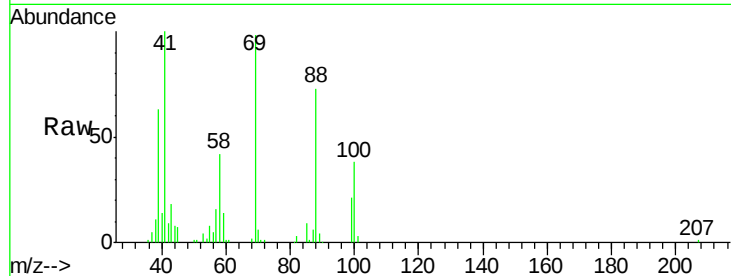
ClientSampleId :

VX1023WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.9	20.5	30.7
58	60.3	47.4	71.2

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#46

Methyl methacrylate

Concen: 18.843 ug/l

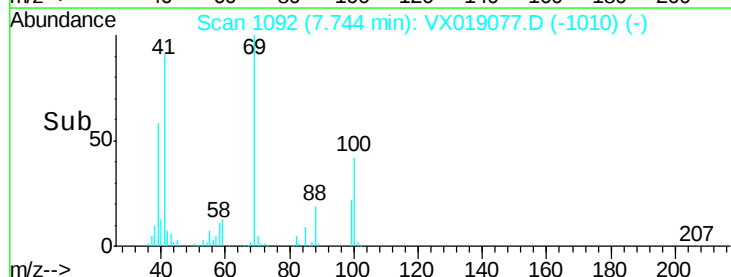
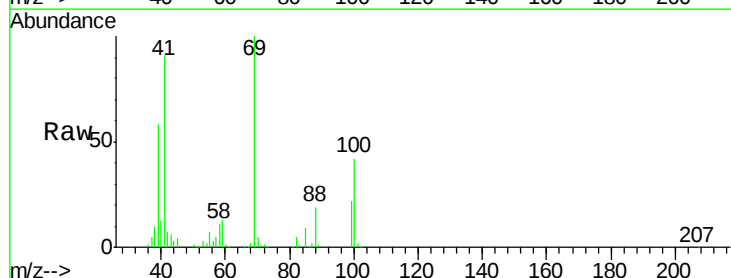
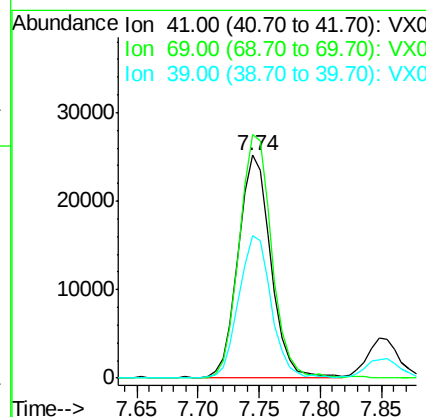
RT: 7.74 min Scan# 1092

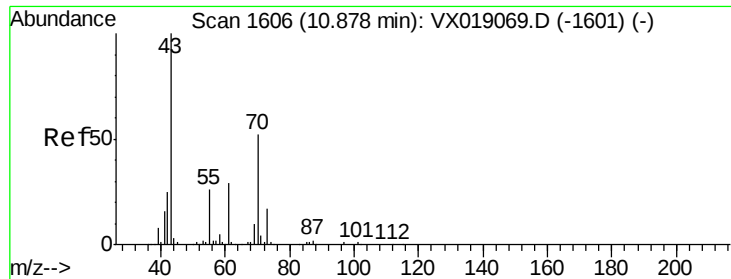
Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
41	100		
69	109.7	53.1	159.4
39	63.7	31.3	93.9





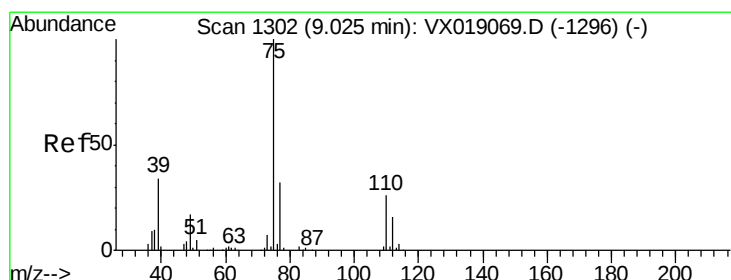
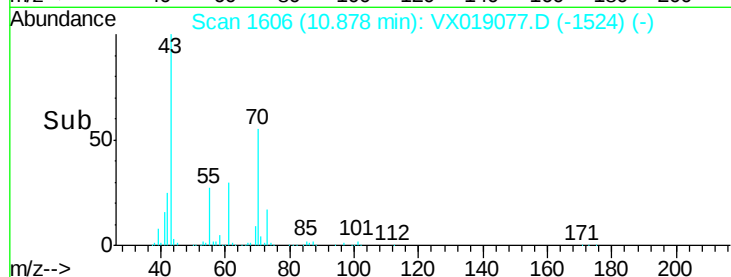
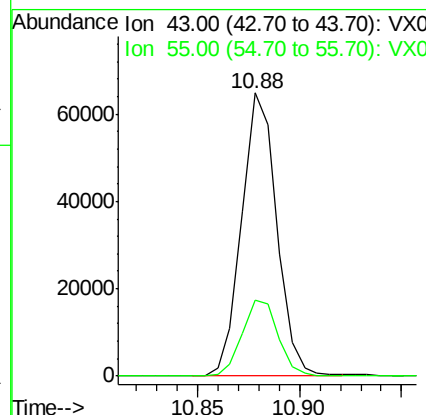
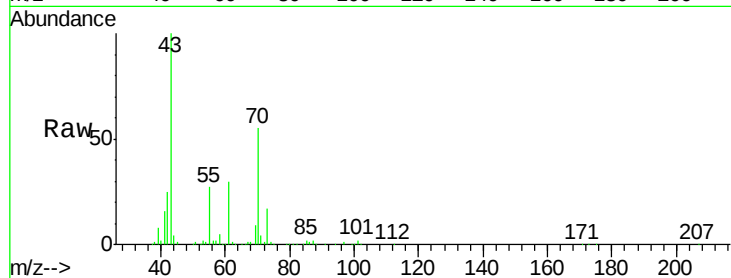
#47
n-amvl Acetate
Concen: 18.685 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion: 43 Resp: 77351
Ion Ratio Lower Upper
43 100
55 27.3 21.5 32.3

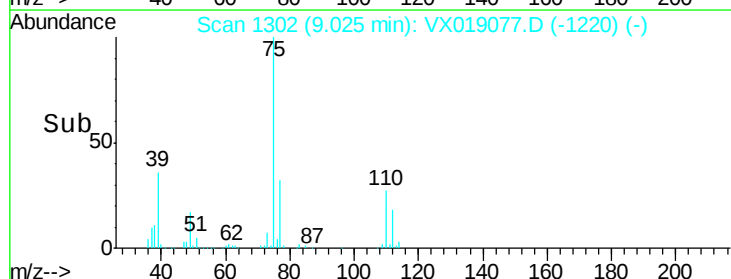
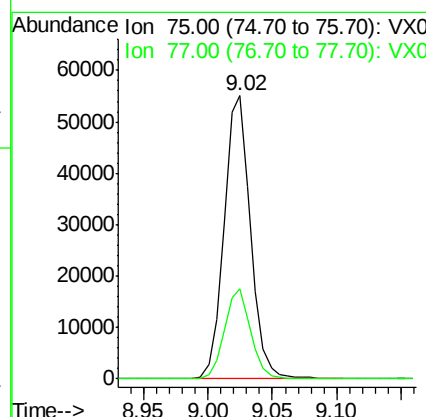
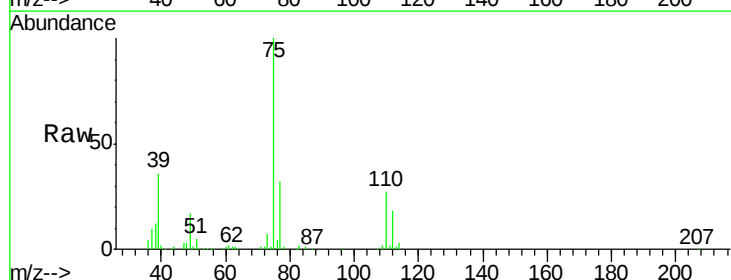
Manual Integrations
APPROVED

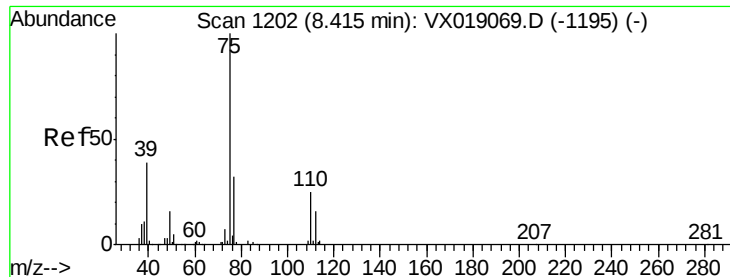
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#48
t-1,3-Dichloropropene
Concen: 18.334 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion: 75 Resp: 79324
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.648 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

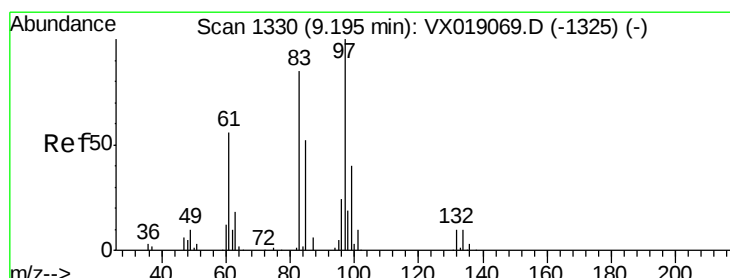
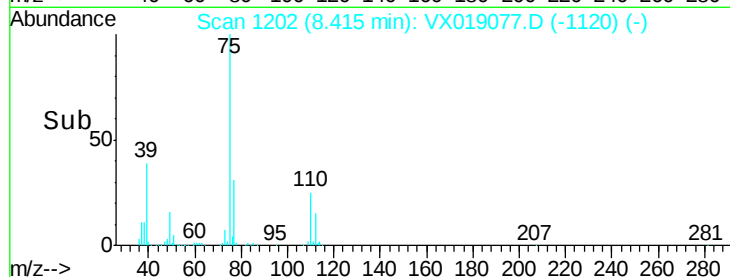
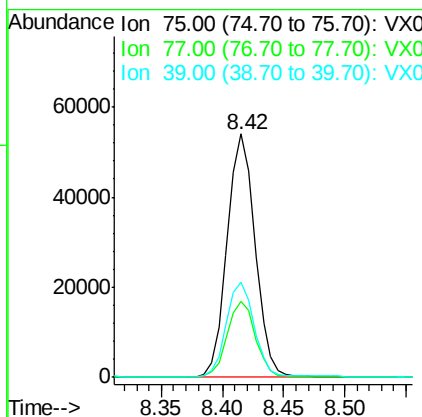
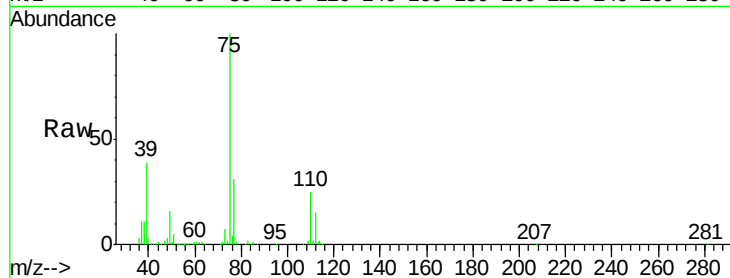
ClientSampleId :

VX1023WBS01

Tot Ion:	75	Resp:	85857
Ion Ratio	Lower	Upper	
75	100		
77	31.3	25.8	38.8
39	39.2	31.0	46.6

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#50

1,1,2-Trichloroethane

Concen: 18.918 ug/l

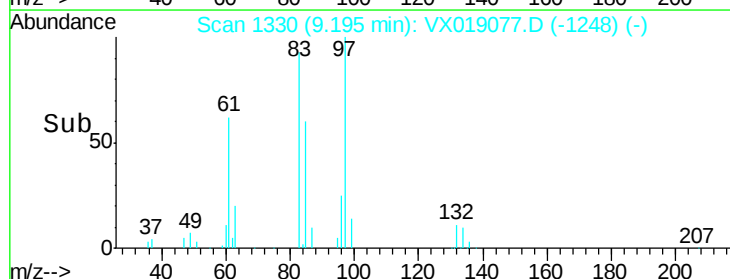
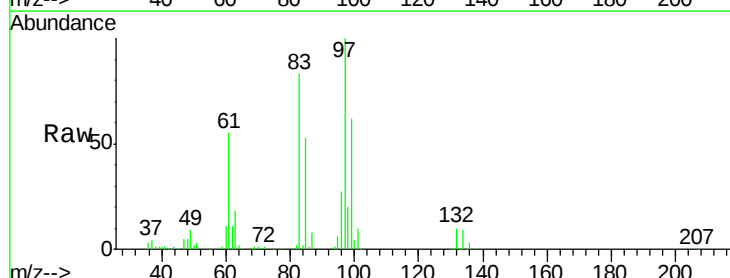
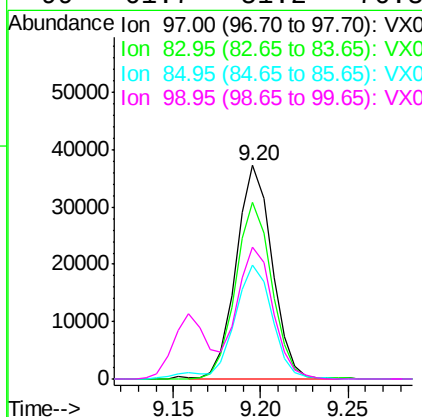
RT: 9.20 min Scan# 1330

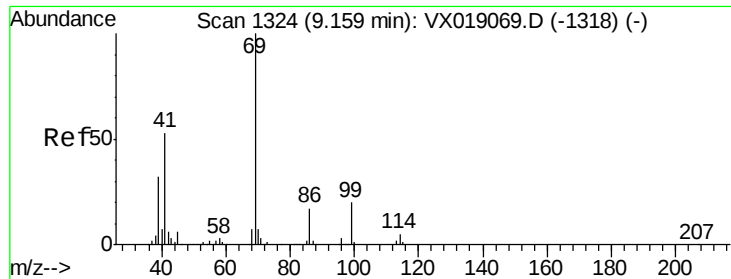
Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion:	97	Resp:	53565
Ion Ratio	Lower	Upper	
97	100		
83	82.8	67.8	101.6
85	53.2	43.5	65.3
99	61.7	51.2	76.8





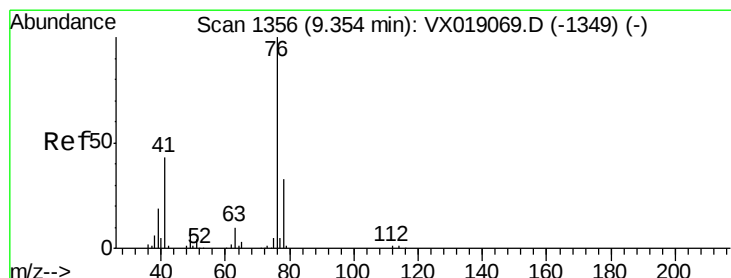
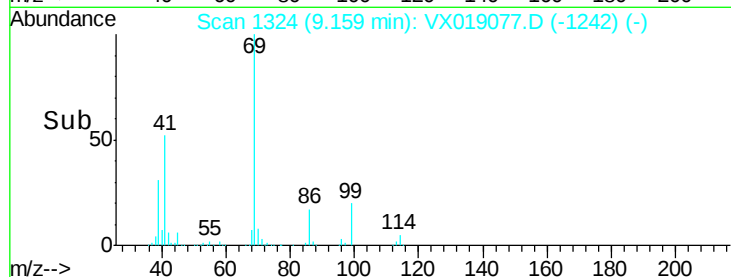
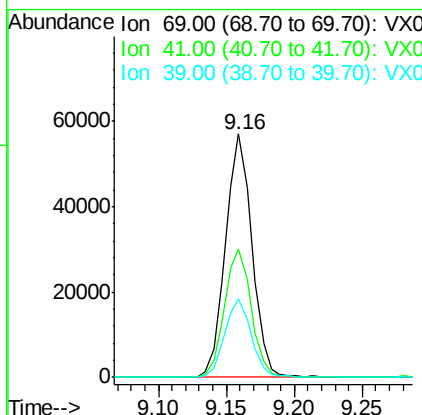
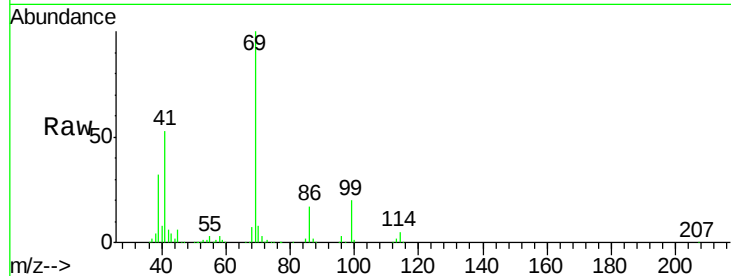
#51
Ethyl methacrylate
Concen: 18.716 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Lower	Upper
69	100		
41	52.7	26.5	79.4
39	31.8	16.2	48.6

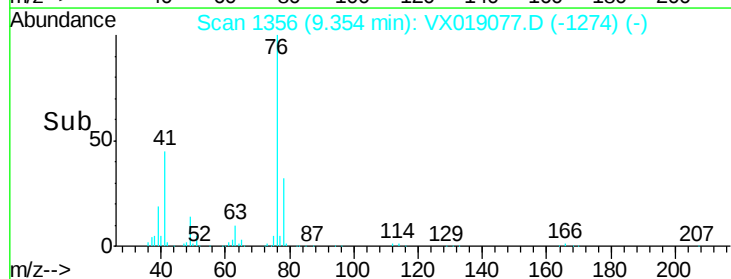
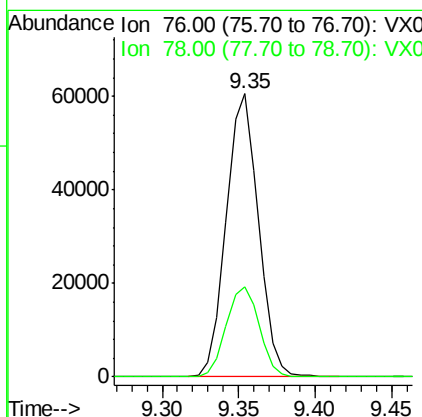
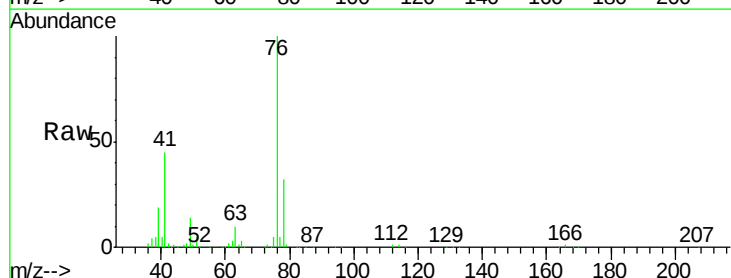
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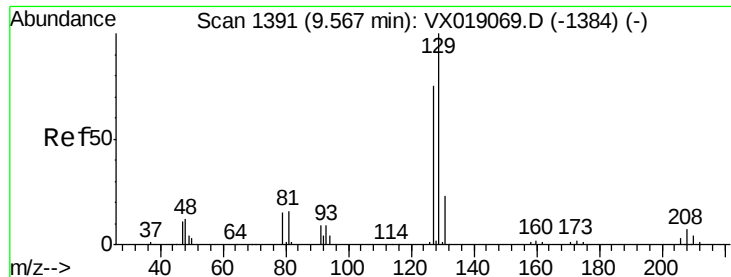
MMDadoda
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#52
1,3-Dichloropropane
Concen: 19.195 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	65.2





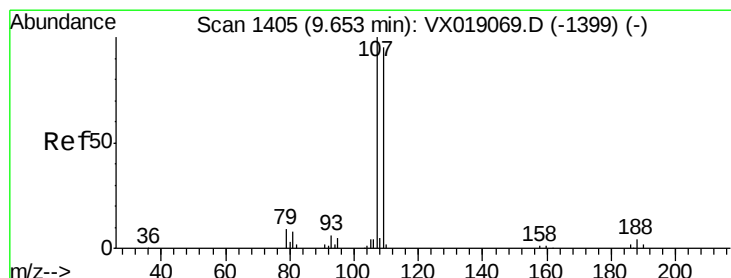
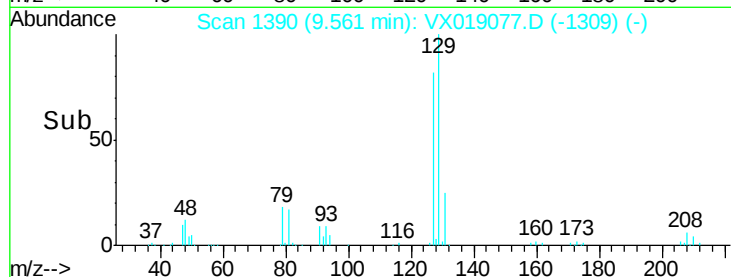
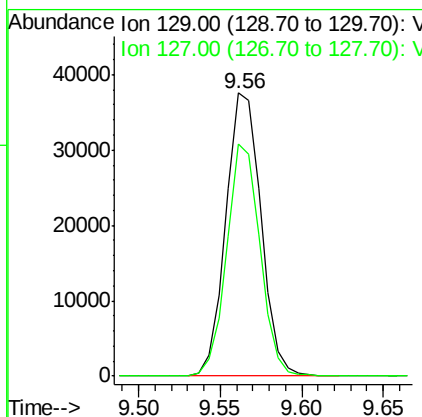
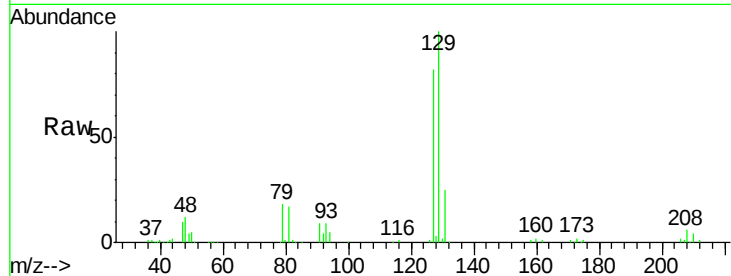
#53
 Dibromochloromethane
 Concen: 17.863 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Tot Ion:129 Resp: 56302
 Ion Ratio Lower Upper
 129 100
 127 78.0 38.4 115.1

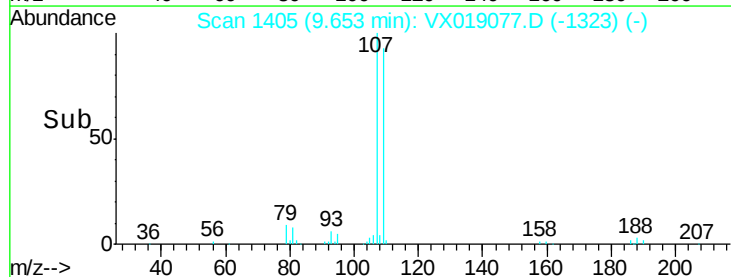
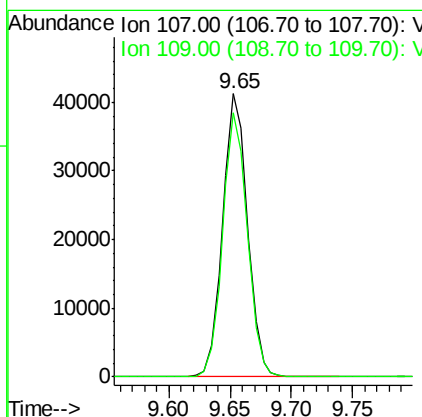
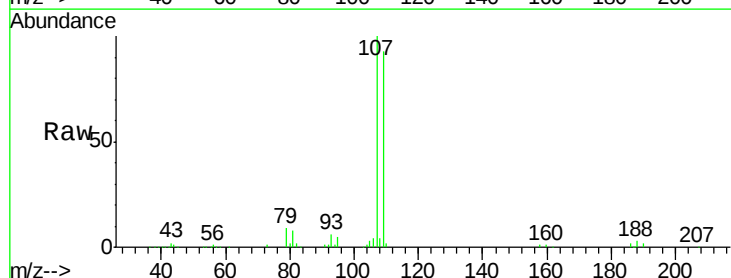
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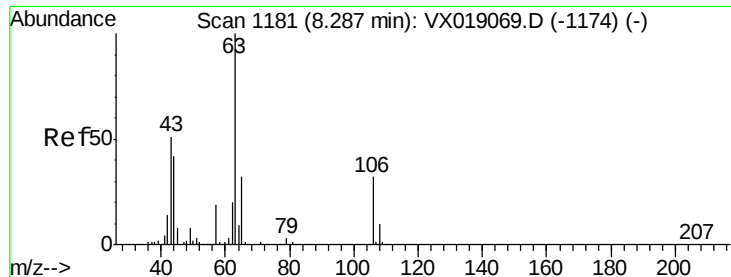
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#54
 1,2-Dibromoethane
 Concen: 18.868 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion:107 Resp: 58052
 Ion Ratio Lower Upper
 107 100
 109 92.4 74.6 112.0





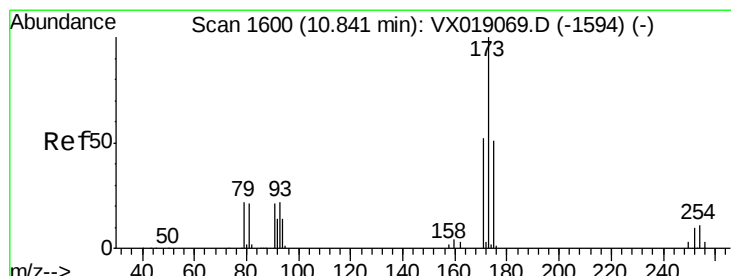
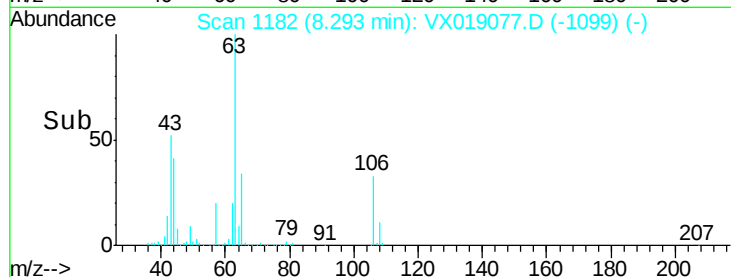
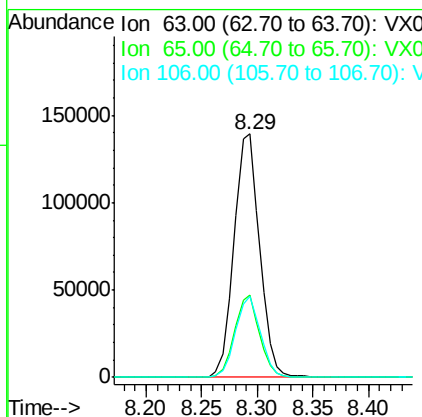
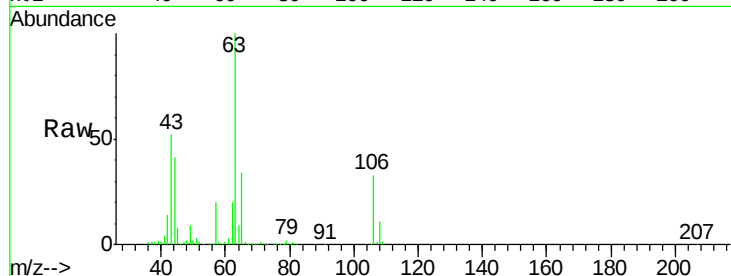
#55
2-Chloroethyl vinyl ether
Concen: 100.608 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.8	26.0	39.0
106	32.5	25.9	38.9

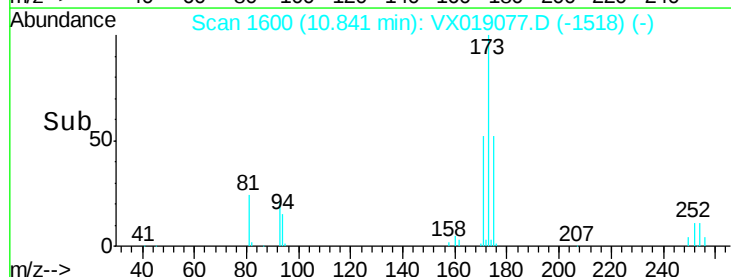
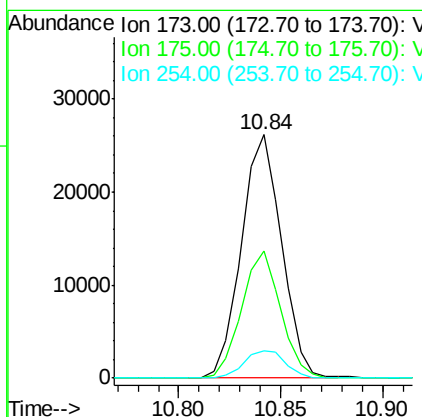
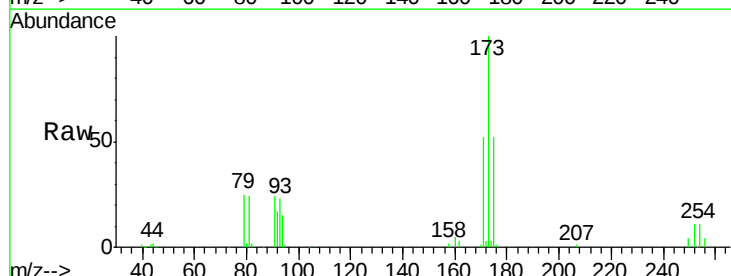
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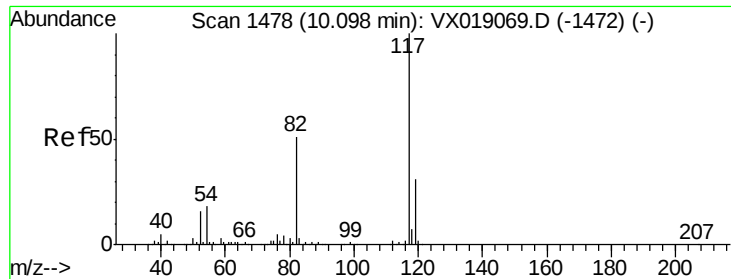
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#56
Bromoform
Concen: 16.266 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.9	39.6	59.4
254	11.3	8.6	13.0





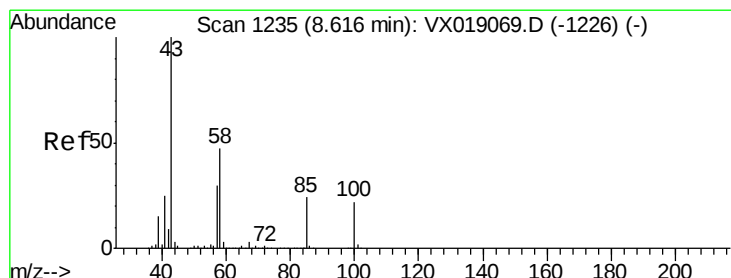
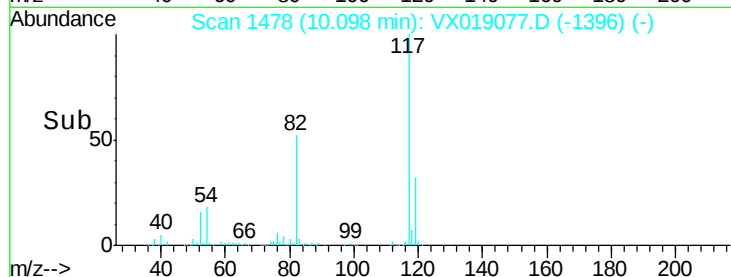
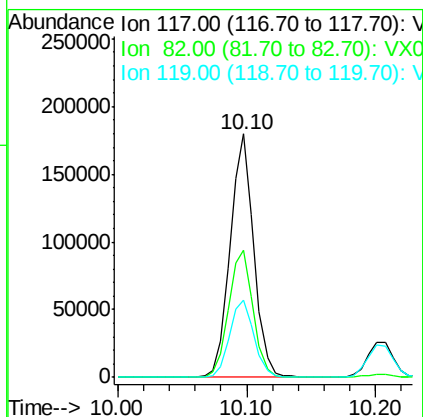
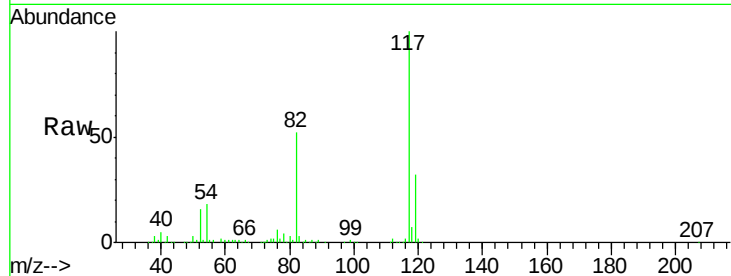
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	230891		
82	54.2	42.5	63.7	
119	33.0	25.6	38.4	

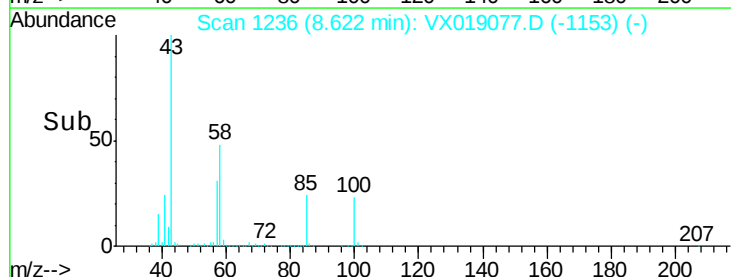
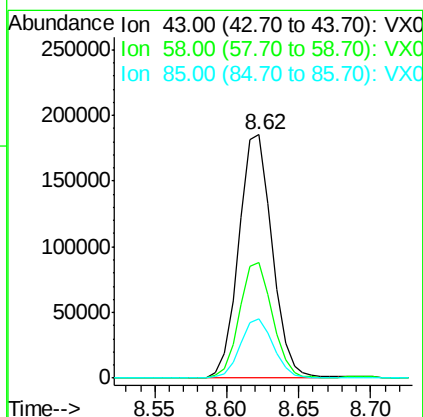
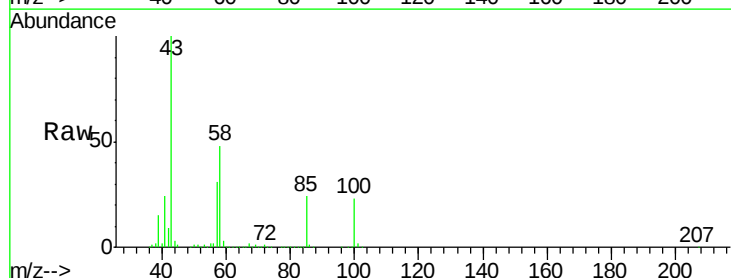
Manual Integrations
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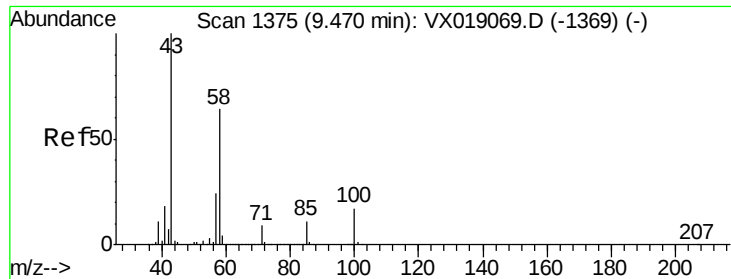
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#58
4-Methyl-2-Pentanone
Concen: 102.538 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	298561		
58	46.8	37.6	56.4	
85	24.1	19.4	29.2	





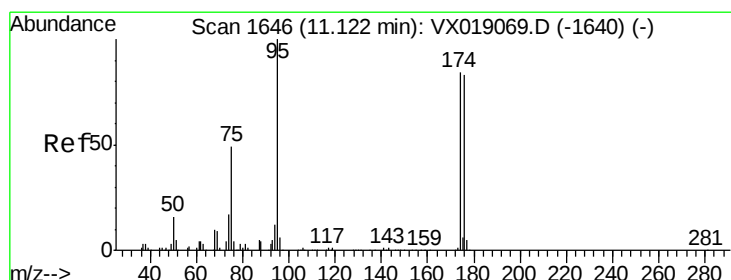
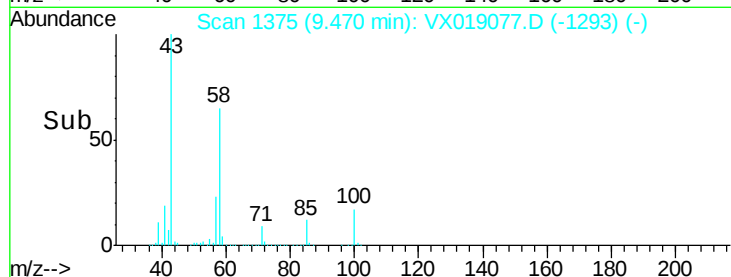
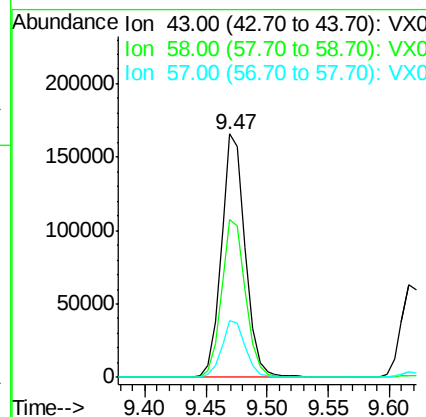
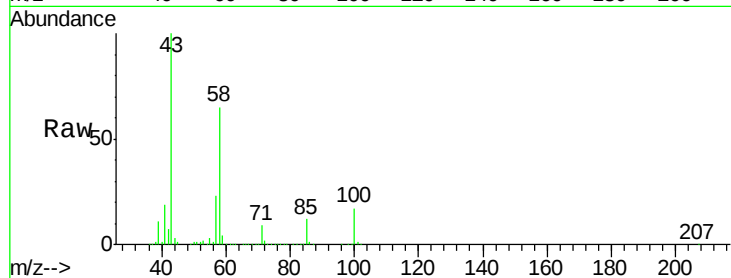
#59
2-Hexanone
Concen: 103.545 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.8	51.9	77.9
57	22.9	18.2	27.4

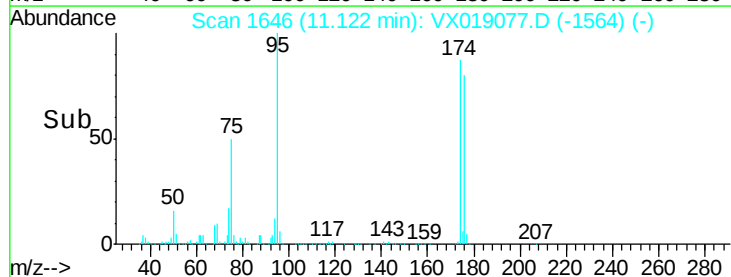
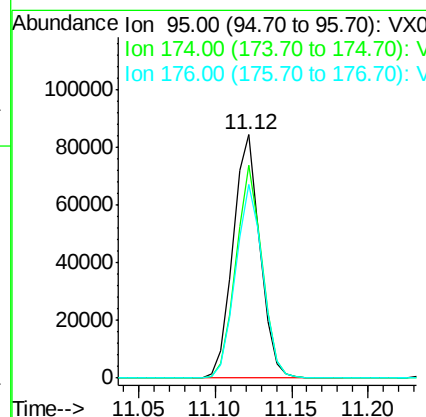
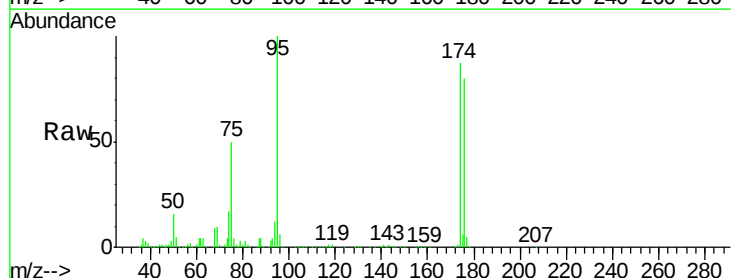
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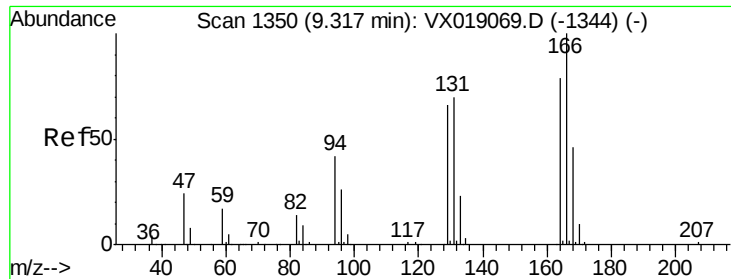
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.648 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.8	66.3	99.5
176	79.6	65.5	98.3





#61

Tetrachloroethene

Concen: 18.471 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion:164 Resp: 50594

Ion Ratio Lower Upper

164 100

166 135.6 101.9 152.9

129 95.5 67.0 100.6

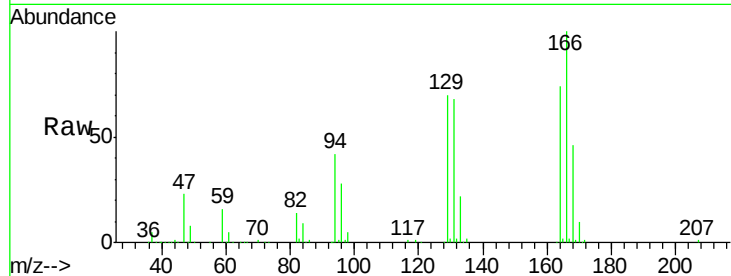
131 92.5 71.1 106.7

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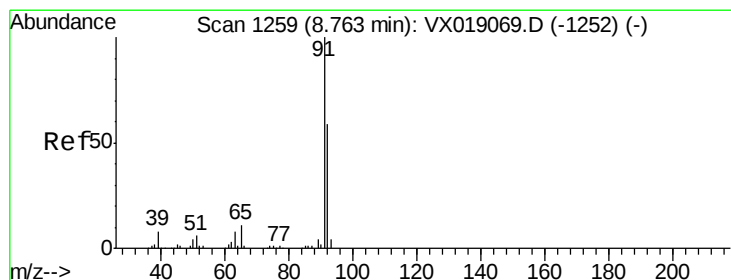
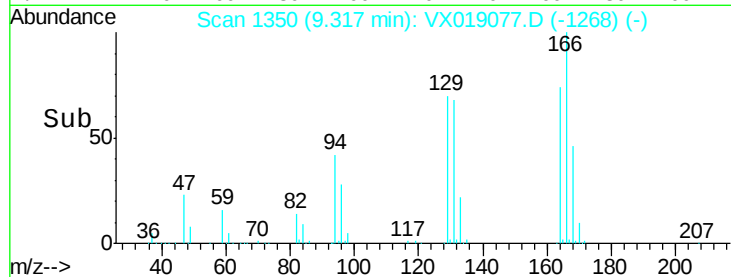
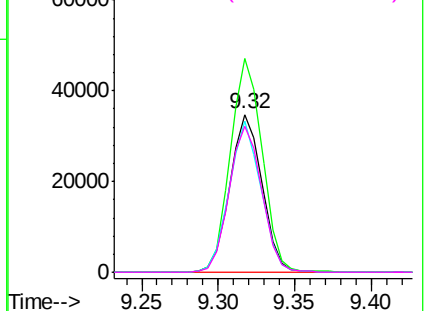


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.305 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019077.D

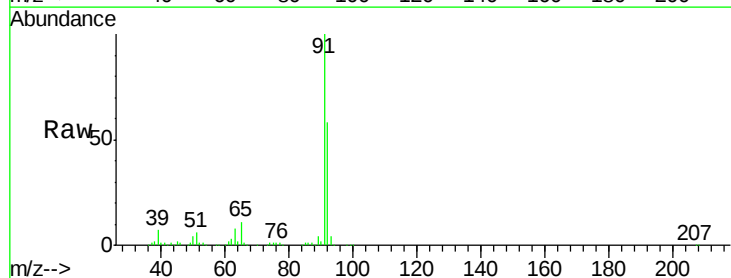
Acq: 23 Oct 2020 14:03

Tgt Ion: 91 Resp: 234268

Ion Ratio Lower Upper

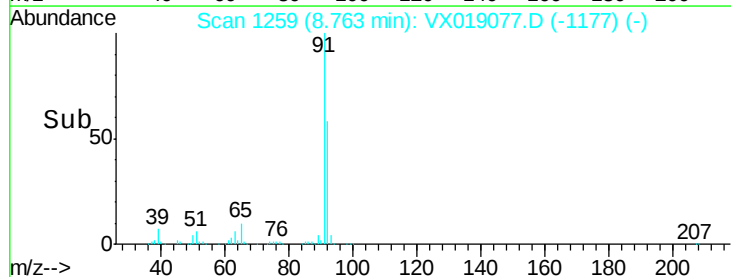
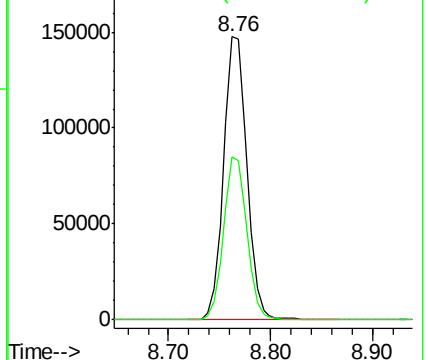
91 100

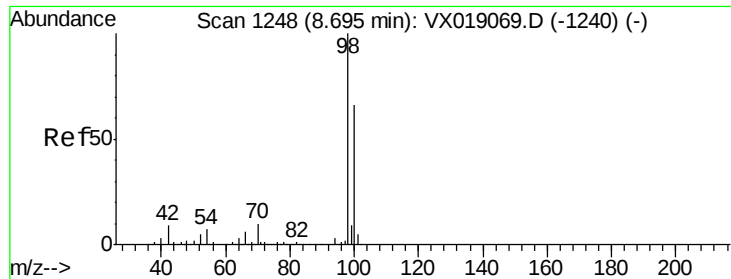
92 57.5 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





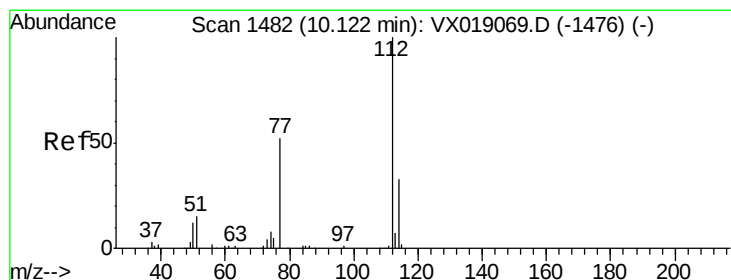
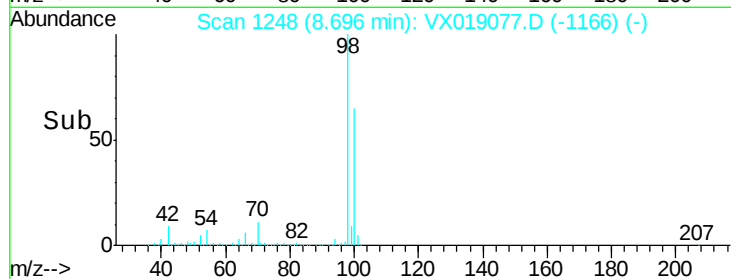
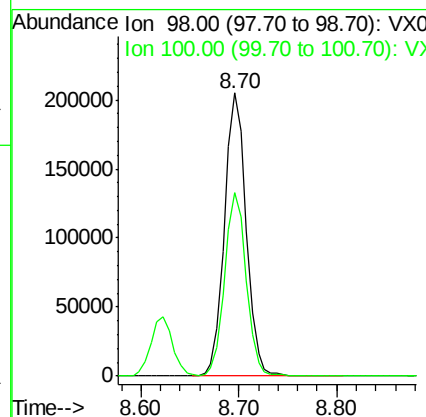
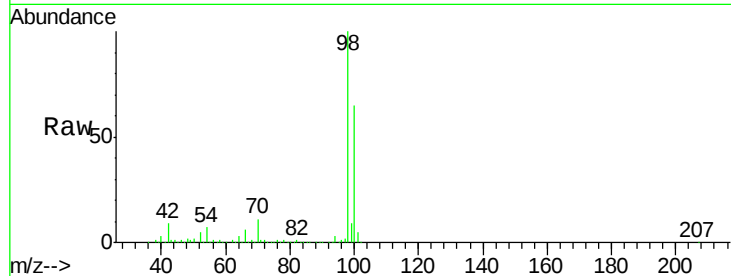
#63
Toluene-d8
Concen: 31.025 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion: 98 Resp: 316278
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

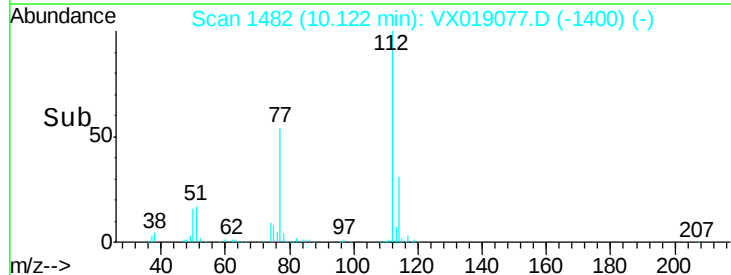
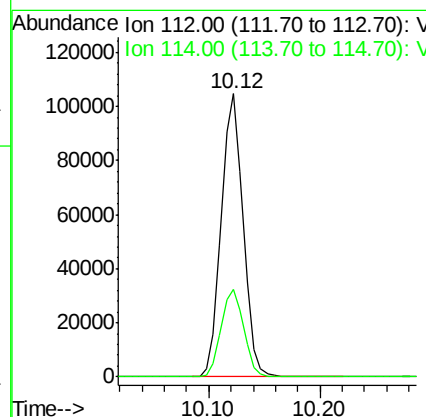
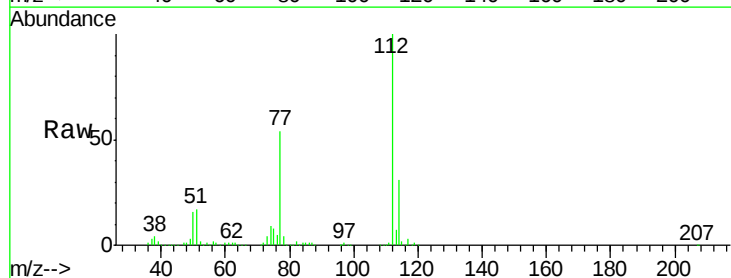
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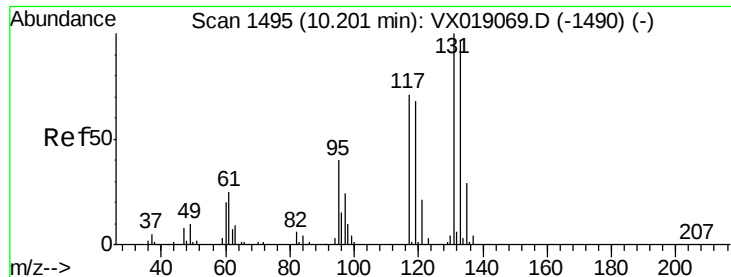
MMDadoda
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#64
Chlorobenzene
Concen: 18.955 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion: 112 Resp: 142983
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.950 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion:131 Resp: 51988

Ion Ratio Lower Upper

131 100

133 96.8 0.0 191.6

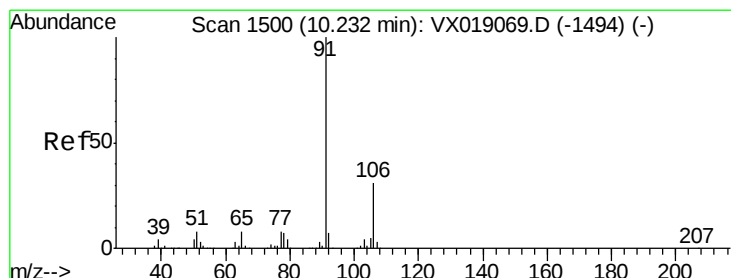
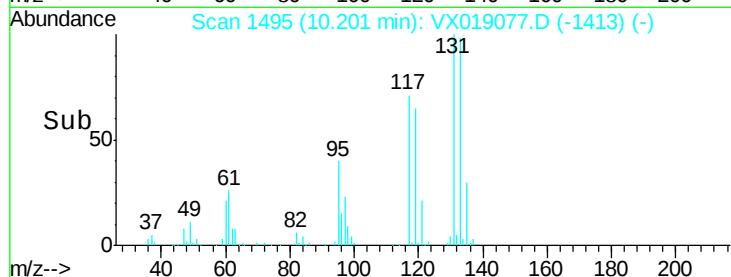
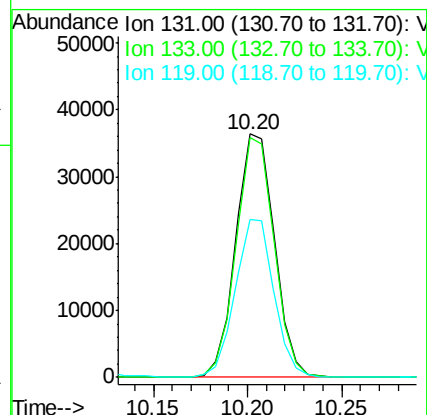
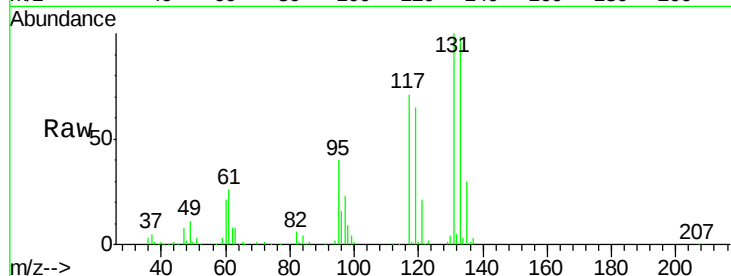
119 64.2 0.0 130.0

Manual Integrations

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#66

Ethyl Benzene

Concen: 18.967 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019077.D

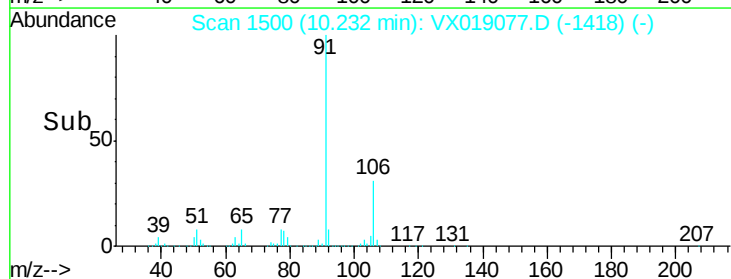
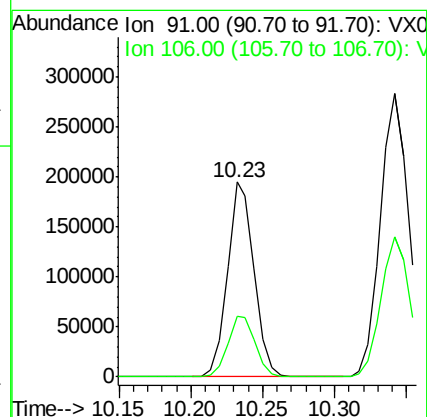
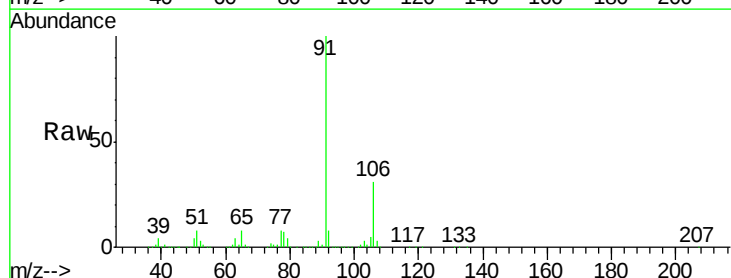
Acq: 23 Oct 2020 14:03

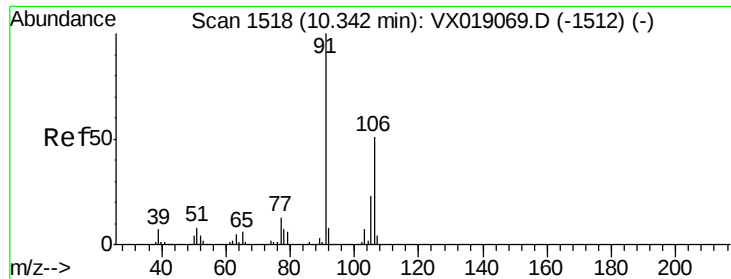
Tgt Ion: 91 Resp: 252343

Ion Ratio Lower Upper

91 100

106 31.4 24.7 37.1





#67

m/p-Xylenes

Concen: 37.813 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion:106 Resp: 191853

Ion Ratio Lower Upper

106 100

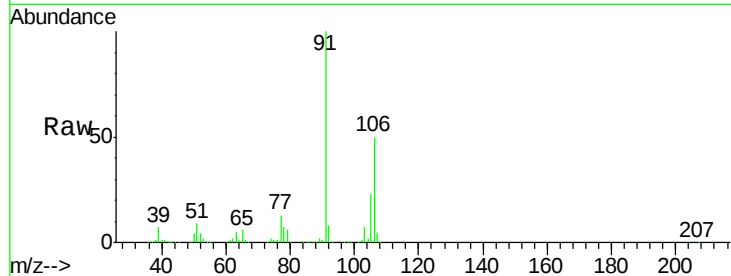
91 199.0 157.5 236.3

Manual Integrations

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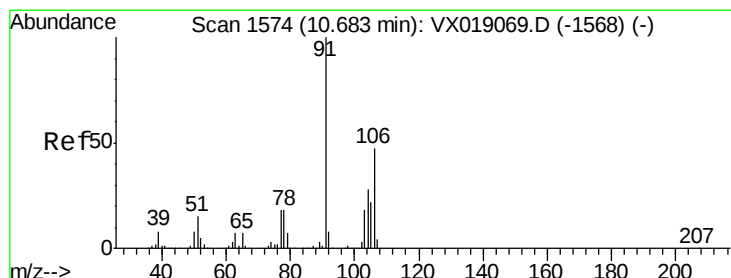
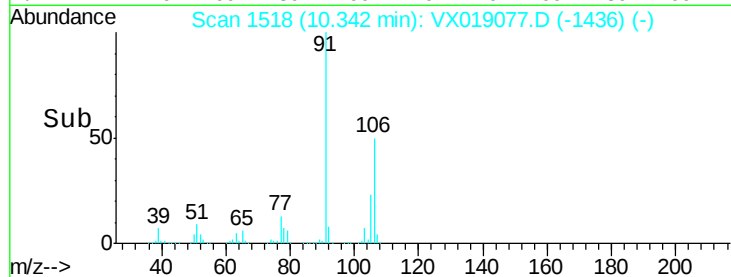
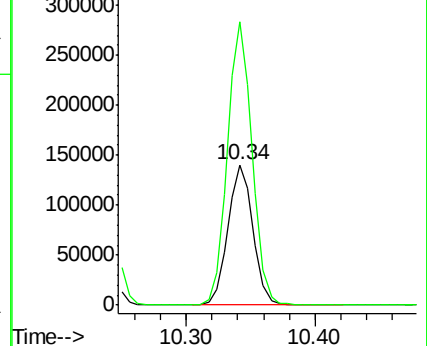
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.789 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019077.D

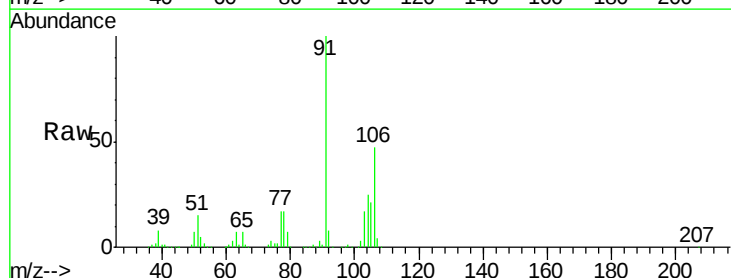
Acq: 23 Oct 2020 14:03

Tgt Ion:106 Resp: 90919

Ion Ratio Lower Upper

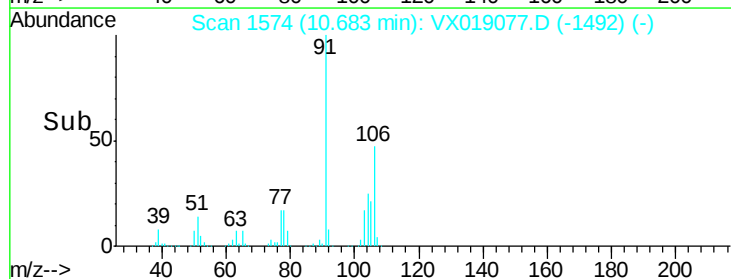
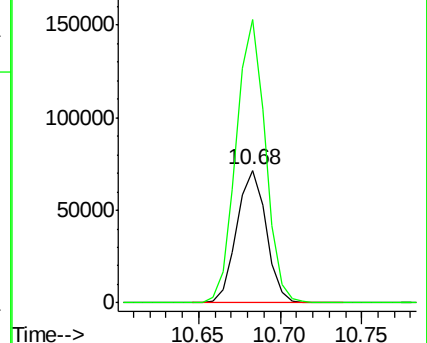
106 100

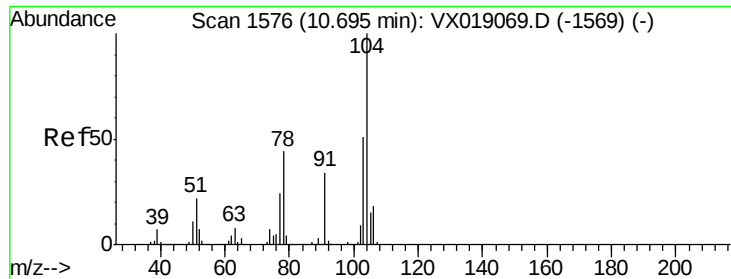
91 209.6 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





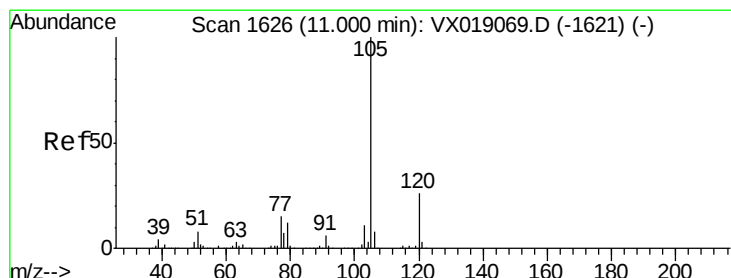
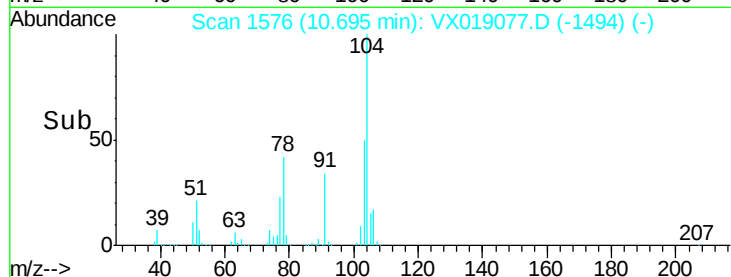
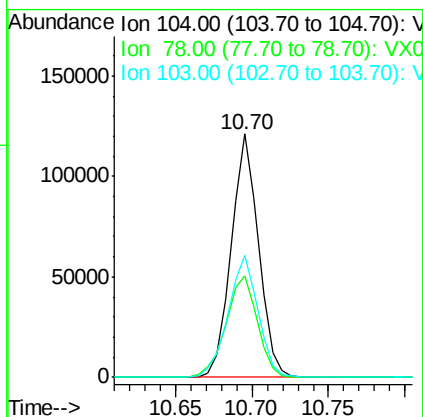
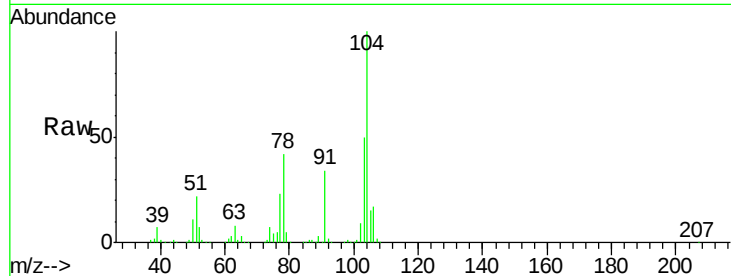
#69
Stvrene
Concen: 18.399 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	150005		
78	48.0		38.6	58.0
103	55.1		43.4	65.2

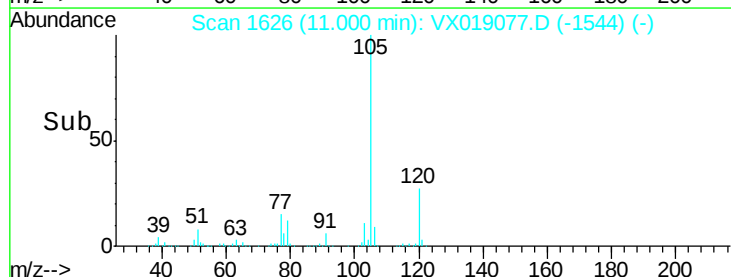
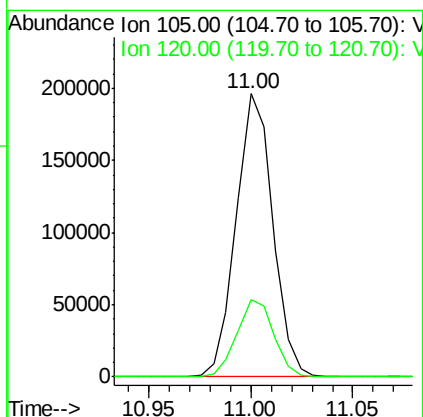
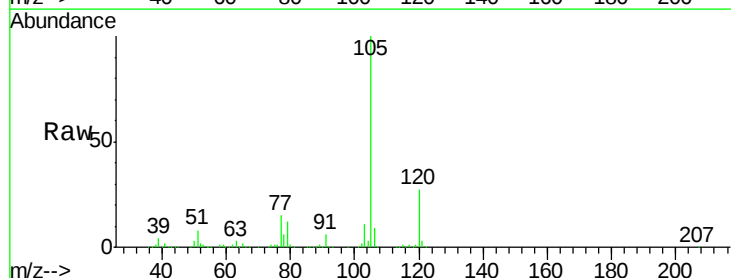
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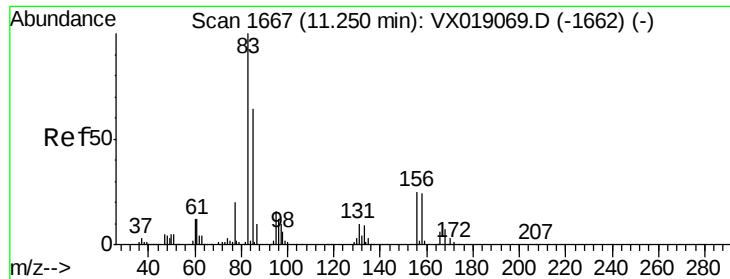
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#70
Isopropylbenzene
Concen: 18.785 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	244417		
120	27.5		19.0	35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 18.891 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

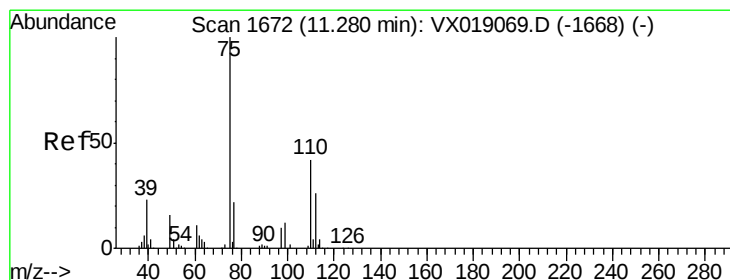
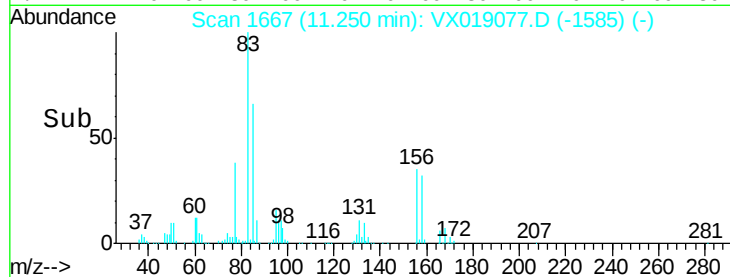
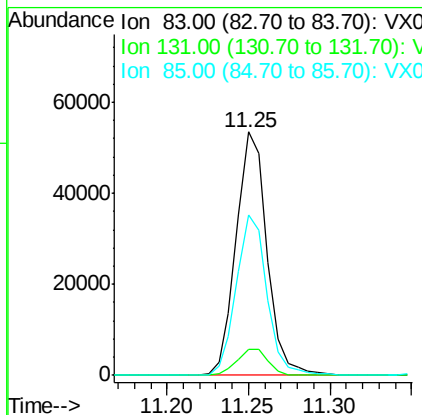
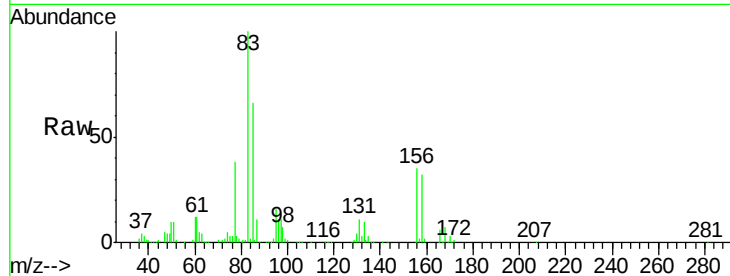
ClientSampleId :

VX1023WBS01

Tot Ion:	83	Resp:	70960
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.2	15.6
85	65.6	32.5	97.4

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#72

1,2,3-Trichloropropane

Concen: 19.827 ug/l m

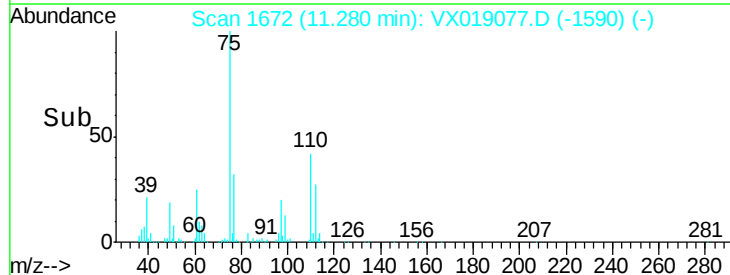
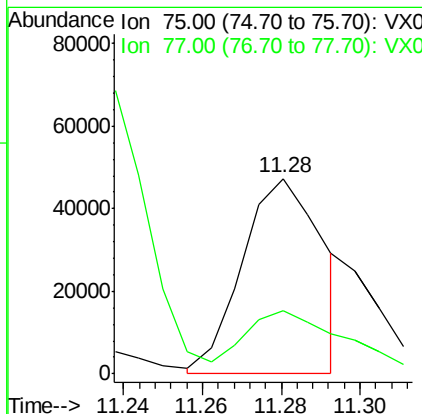
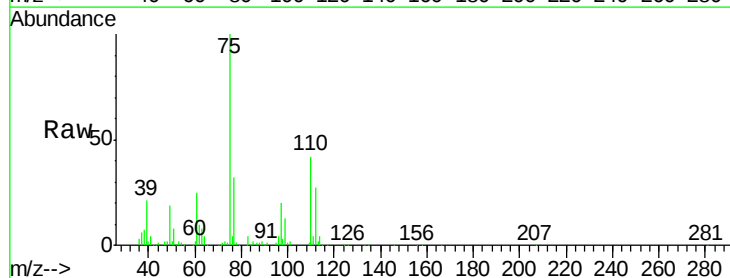
RT: 11.28 min Scan# 1672

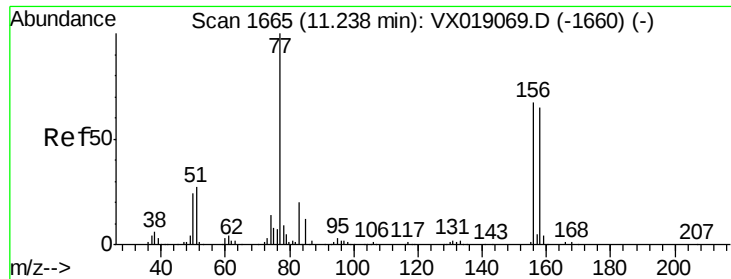
Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion:	75	Resp:	66973
Ion Ratio	Lower	Upper	
75	100		
77	40.6	0.0	81.8





#73

Bromobenzene

Concen: 18.708 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

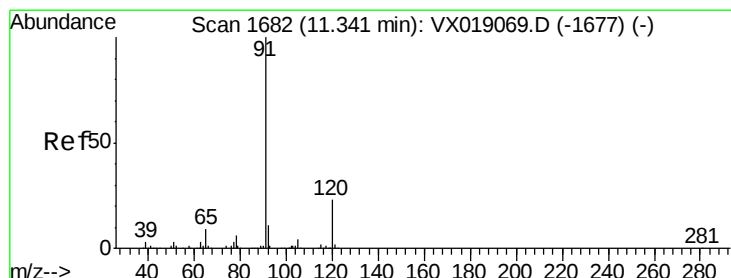
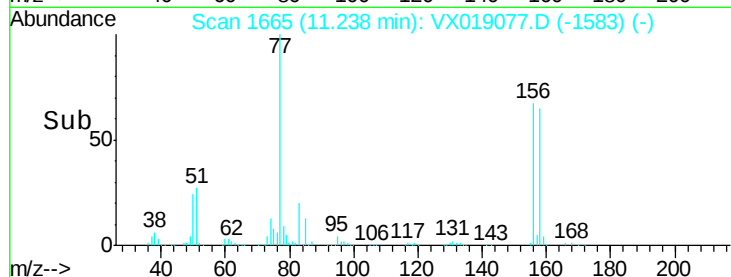
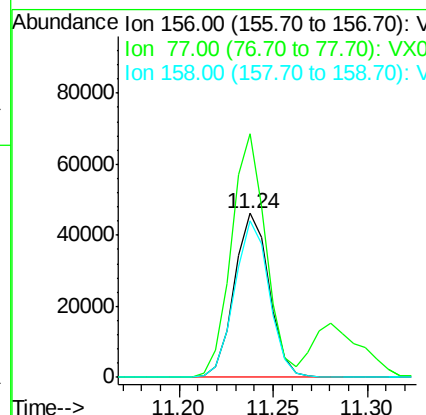
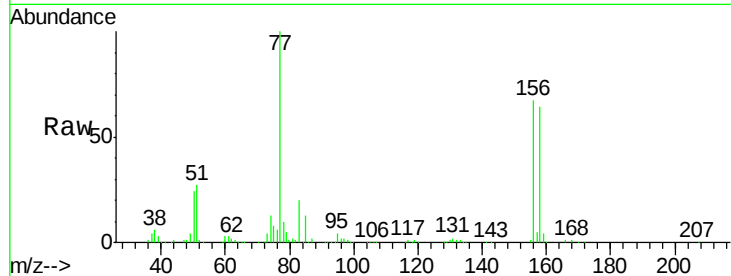
ClientSampleId :

VX1023WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		59490		
77	146.7	0.0	299.6		
158	94.7	0.0	192.2		

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#74

n-propylbenzene

Concen: 18.896 ug/l

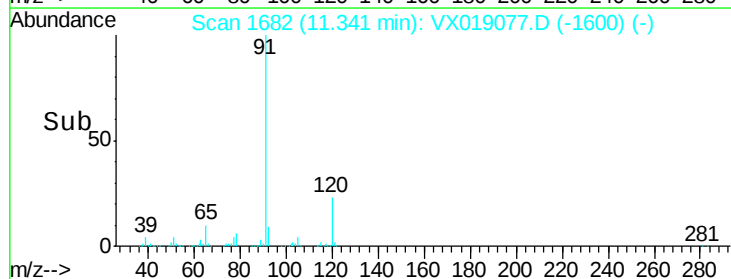
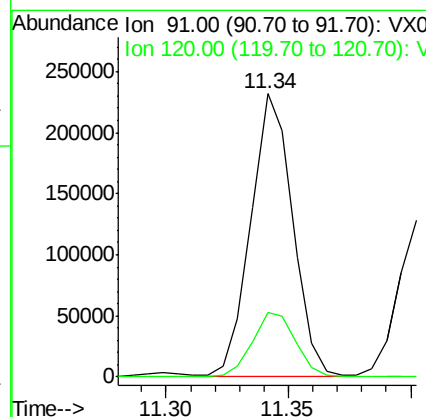
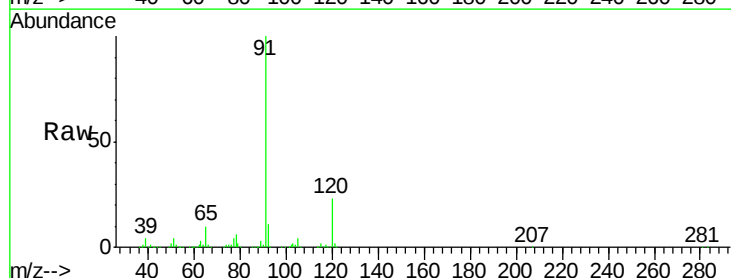
RT: 11.34 min Scan# 1682

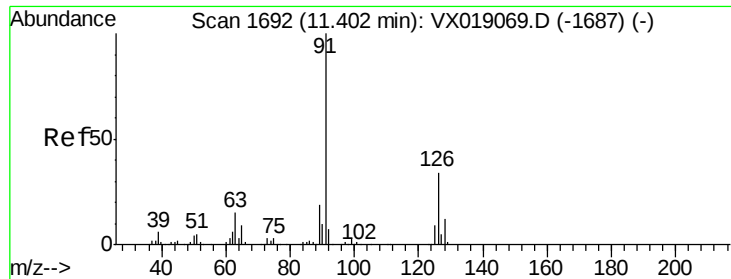
Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		278379		
120	23.4	0.0	46.6		





#75

2-Chlorotoluene

Concen: 19.086 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion: 91 Resp: 159053

Ion Ratio Lower Upper

91 100

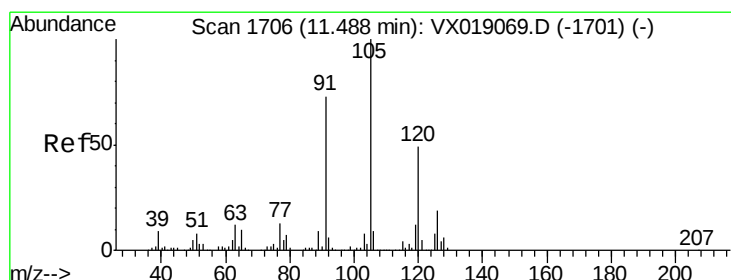
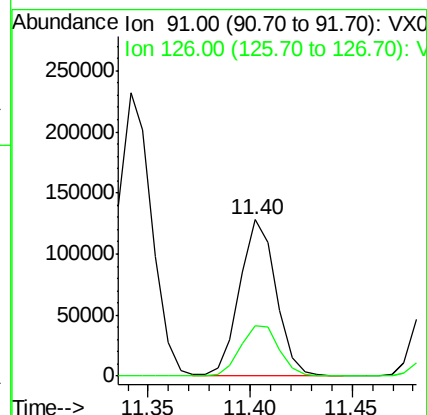
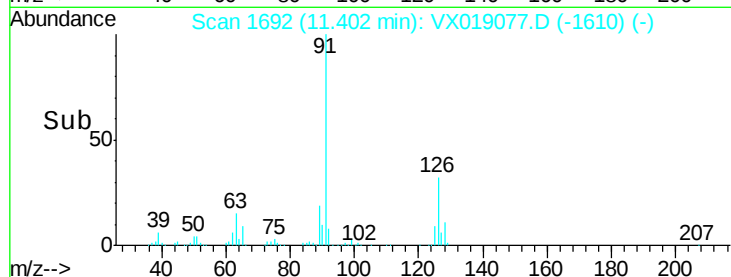
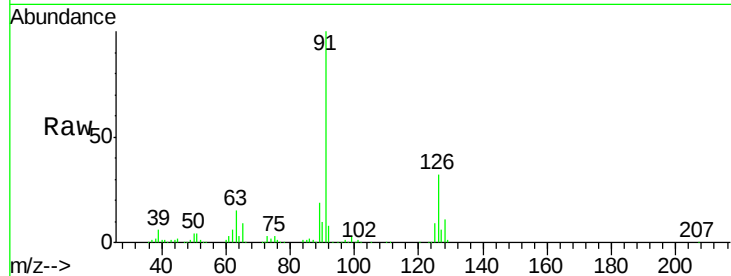
126 33.7 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 18.801 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019077.D

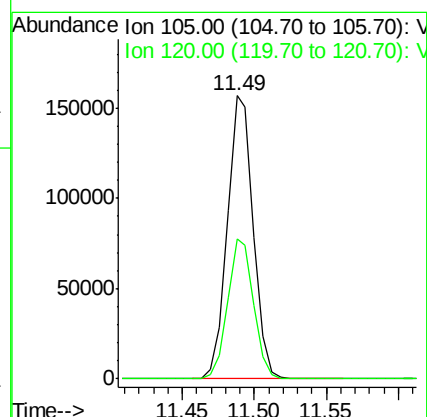
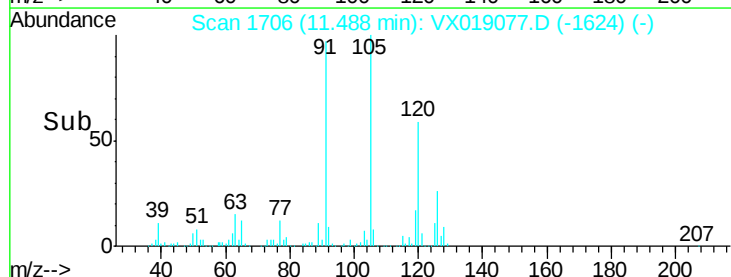
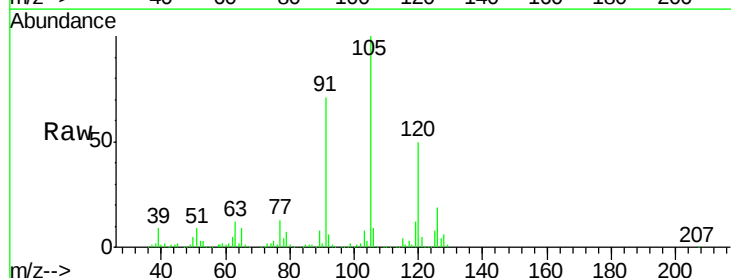
Acq: 23 Oct 2020 14:03

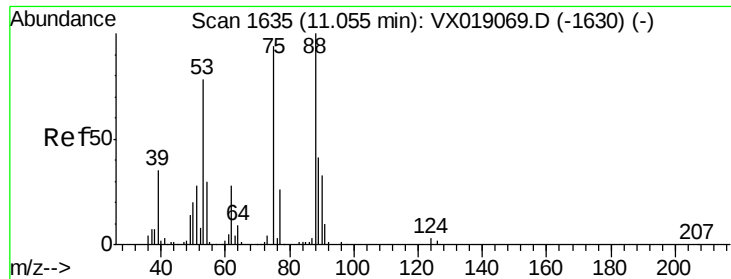
Tgt Ion: 105 Resp: 198505

Ion Ratio Lower Upper

105 100

120 49.3 0.0 100.2





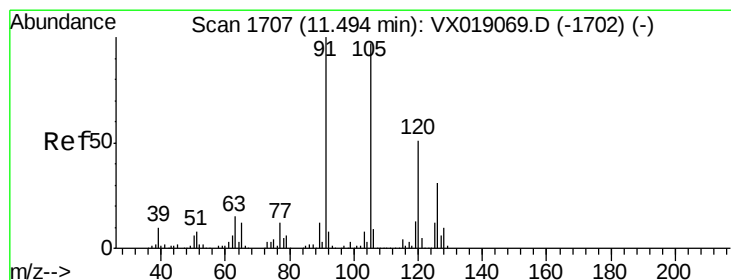
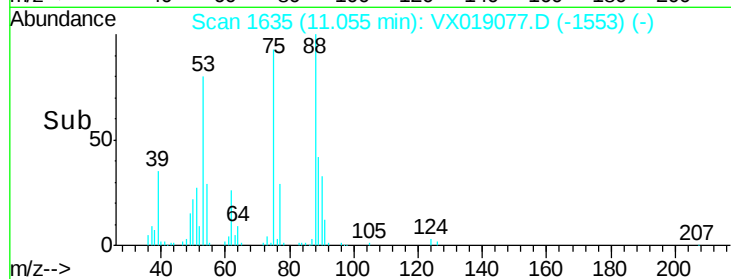
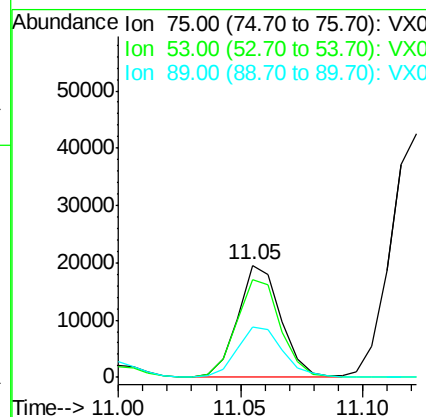
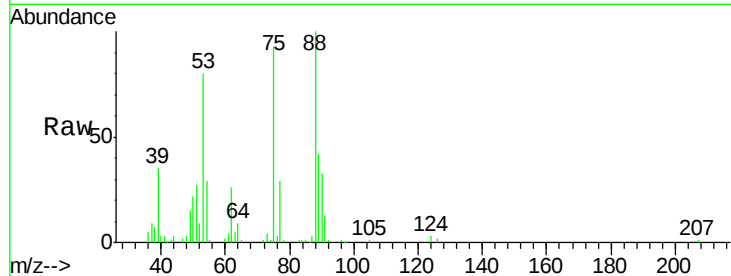
#77
t-1,4-Dichloro-2-butene
Concen: 17.884 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.6	41.6	124.8
89	45.5	21.8	65.3

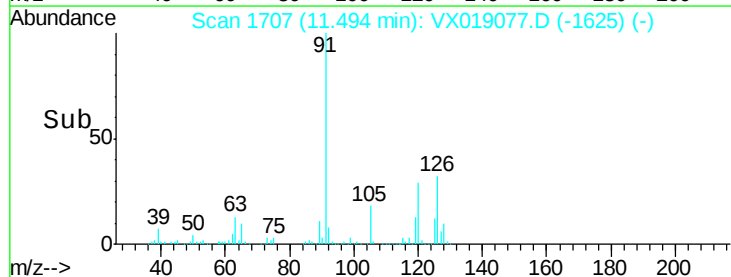
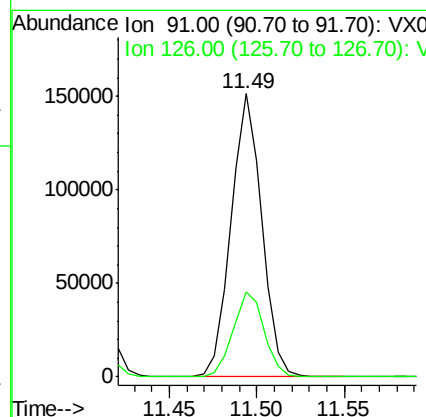
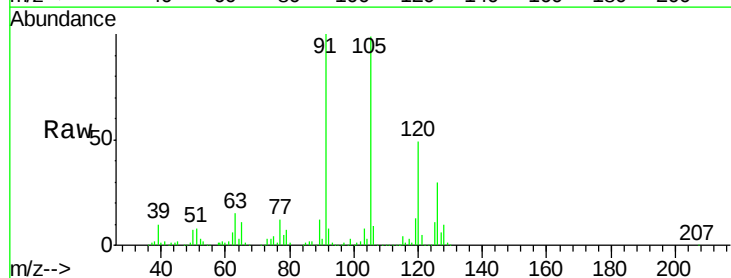
Manual Integrations
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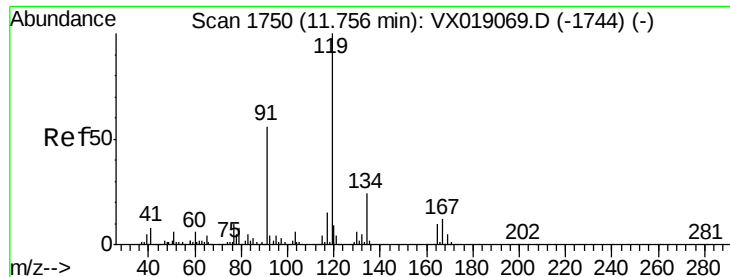
MMDadoda
10/26/2020 2:27:57 PM



#78
4-Chlorotoluene
Concen: 18.854 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	61.2





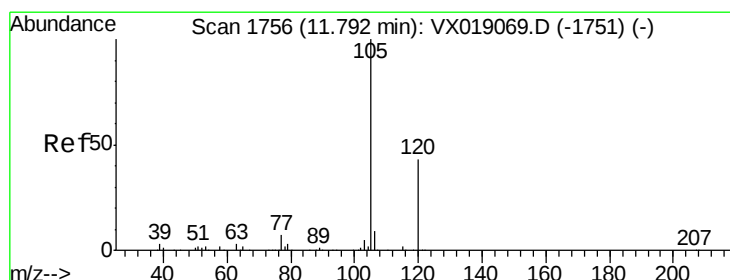
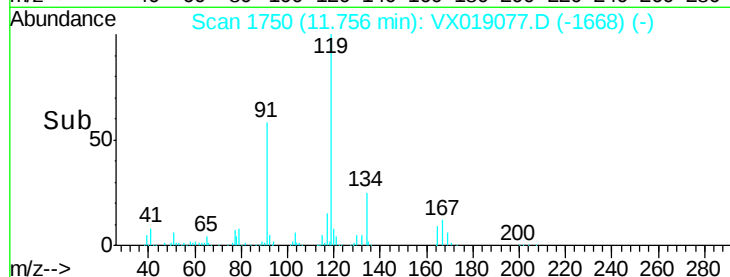
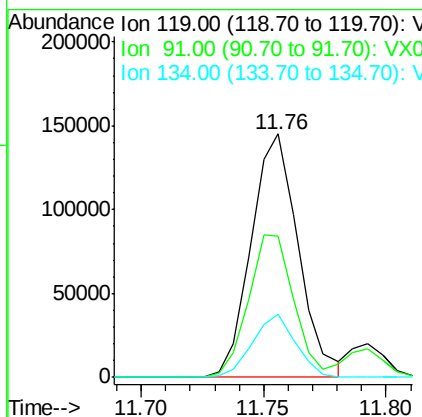
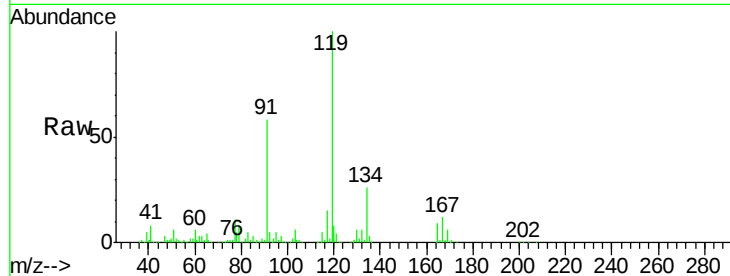
#79
tert-butylbenzene
Concen: 18.650 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	193898		
91	56.7	0.0	111.4	
134	23.8	0.0	47.2	

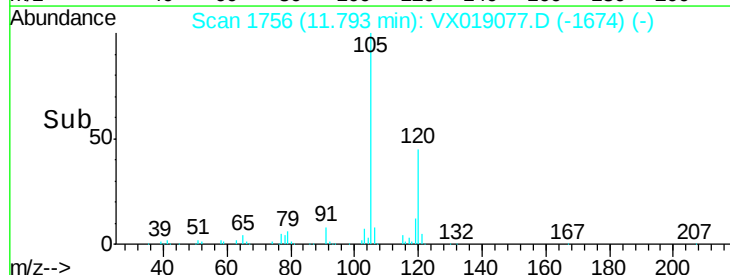
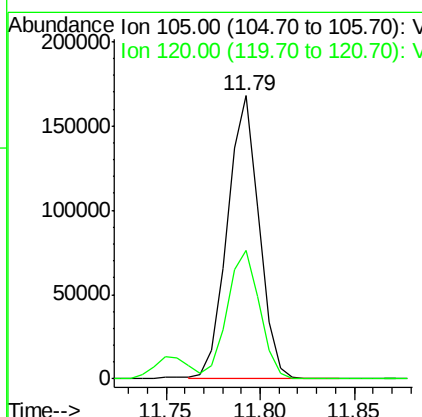
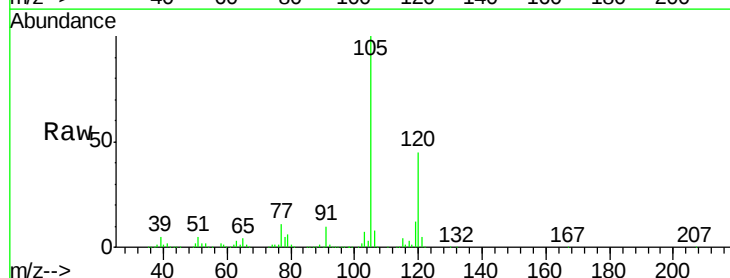
Manual Integrations
APPROVED

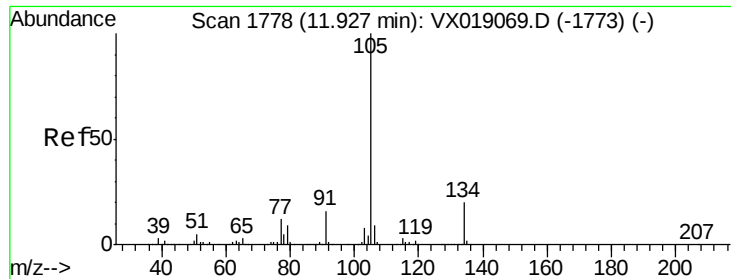
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#80
1,2,4-Trimethylbenzene
Concen: 18.624 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	195459		
120	46.3	0.0	92.0	





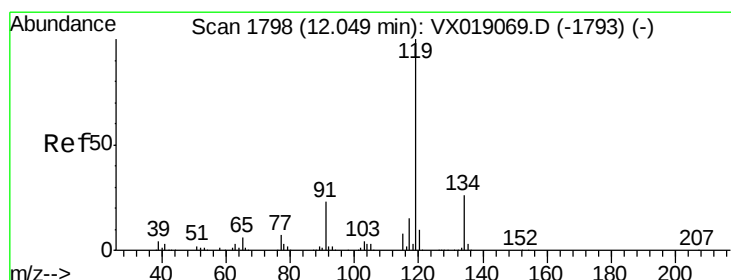
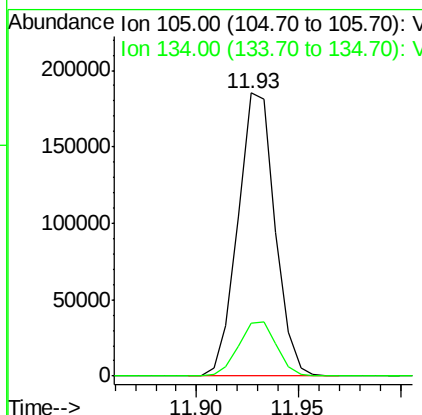
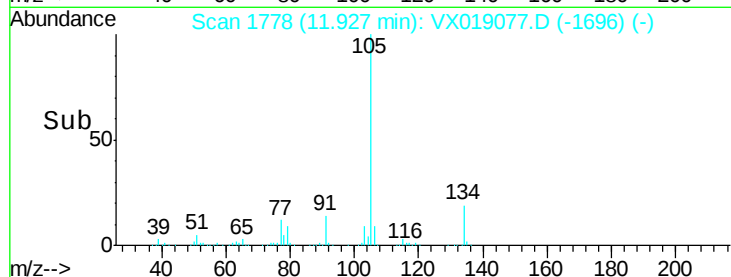
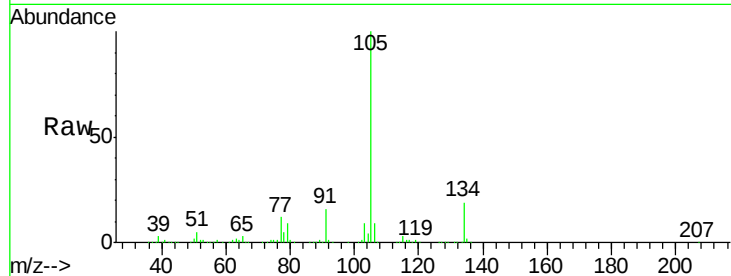
#81
 sec-Butylbenzene
 Concen: 18.950 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	233121		
134	20.0	0.0	40.8	

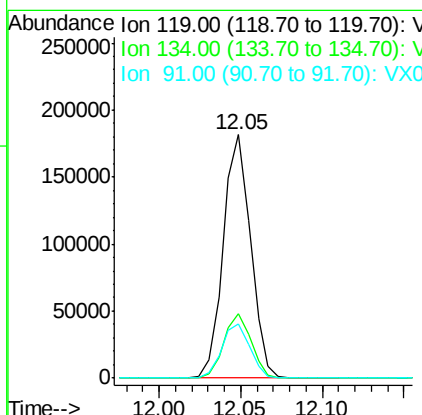
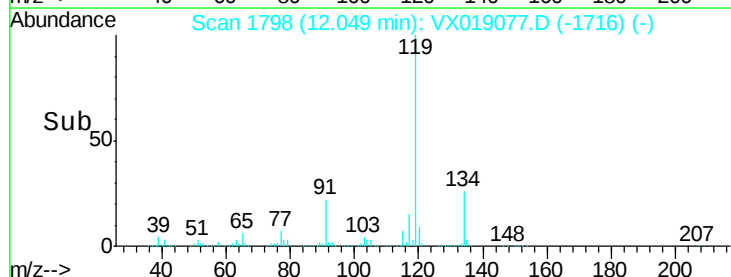
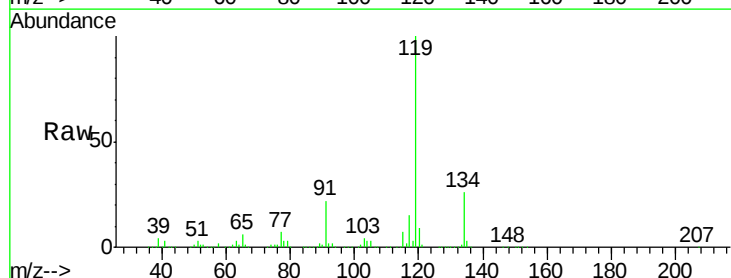
Manual Integrations
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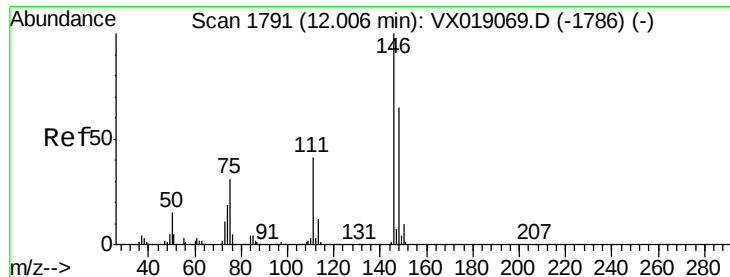
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#82
 p-Isopropyltoluene
 Concen: 18.700 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	212014		
134	26.1	0.0	52.0	
91	22.8	0.0	45.6	





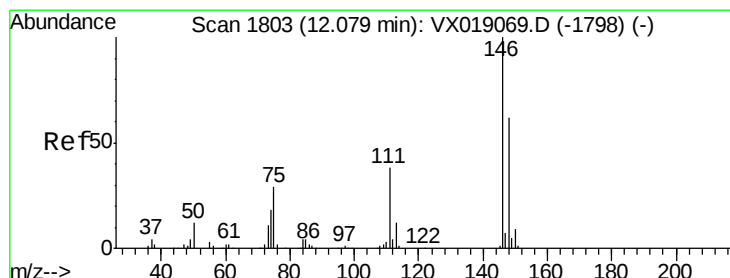
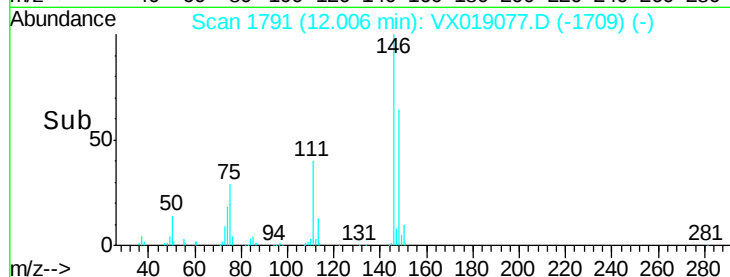
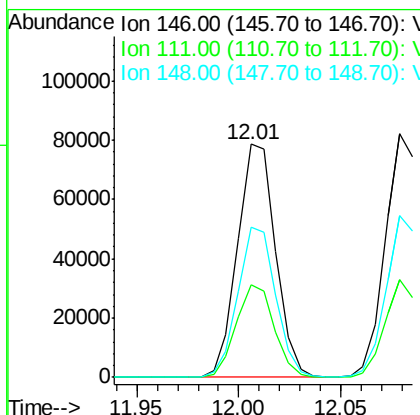
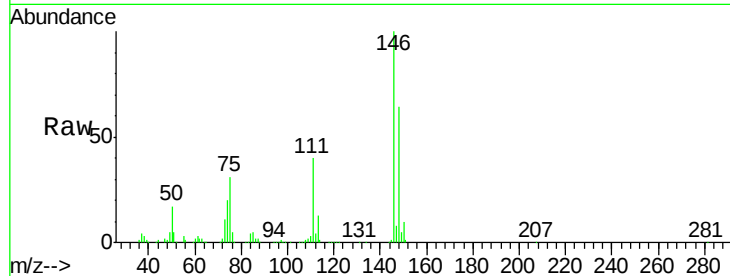
#83
 1,3-Dichlorobenzene
 Concen: 18.020 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	59.9
148	64.0	32.2	96.6

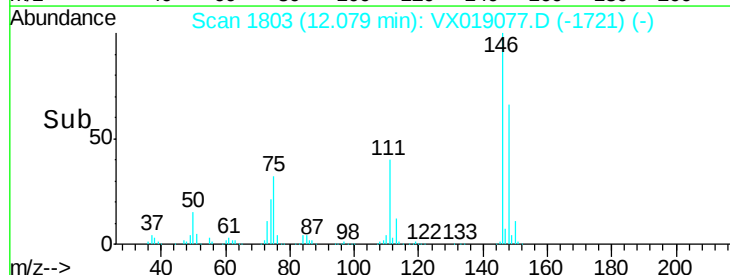
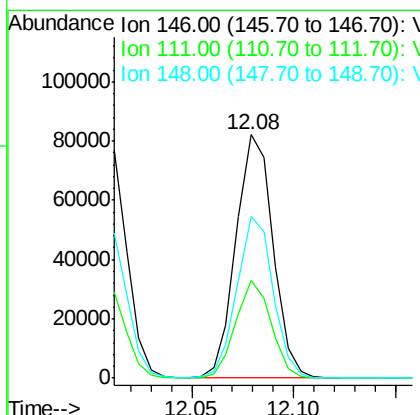
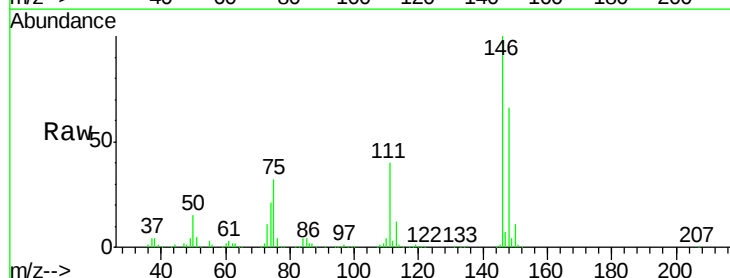
Manual Integrations
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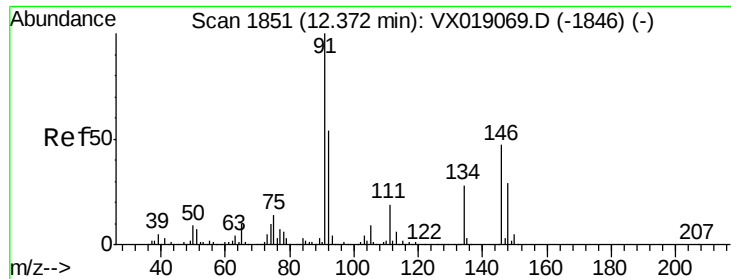
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#84
 1,4-Dichlorobenzene
 Concen: 17.984 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.7
148	65.0	31.6	95.0





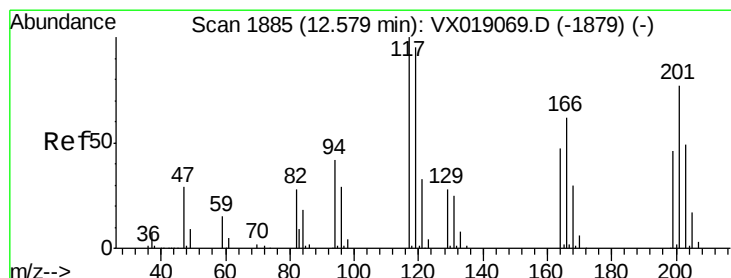
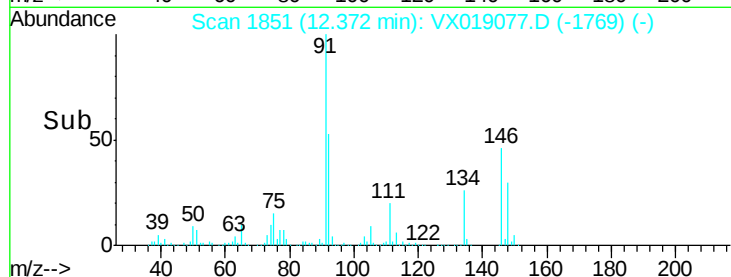
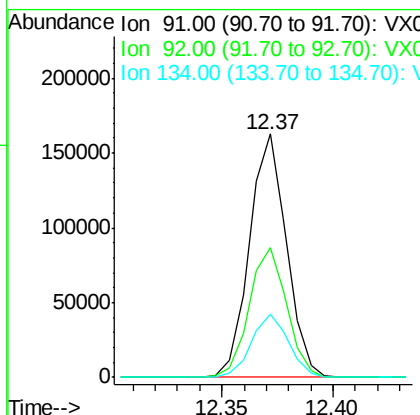
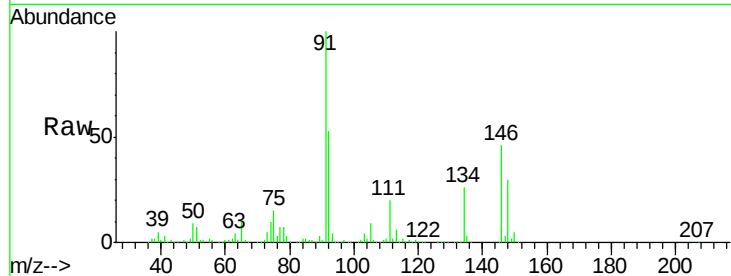
#85
n-Butylbenzene
Concen: 18.594 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	188759		
92	54.0		0.0	107.4
134	26.0		0.0	54.6

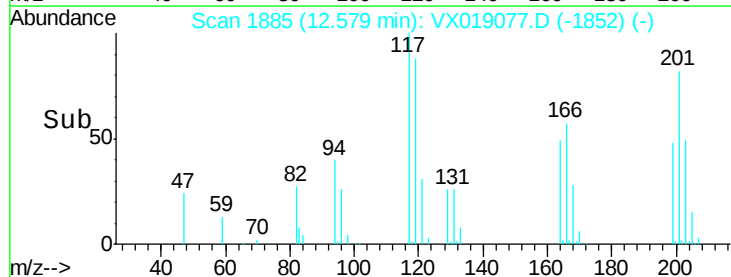
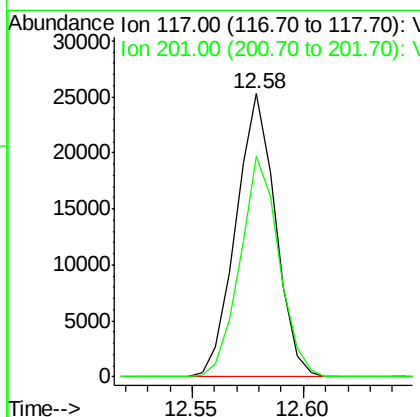
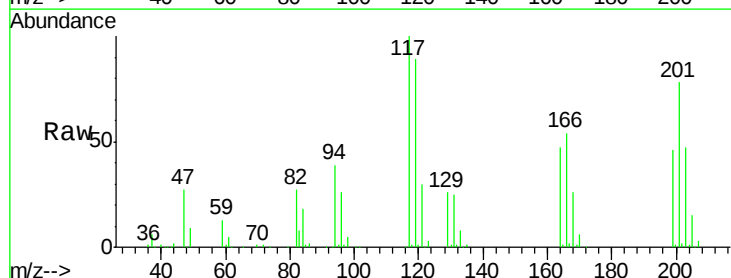
Manual Integrations
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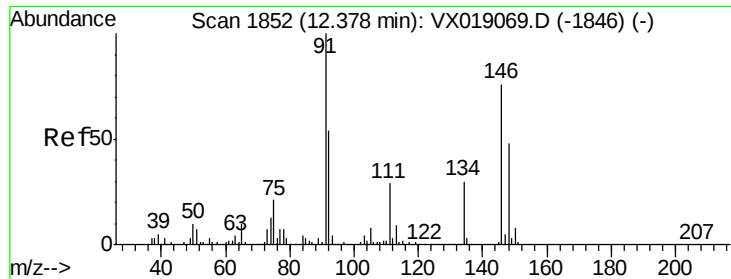
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#86
Hexachloroethane
Concen: 17.976 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31304		
201	76.7		38.4	115.1





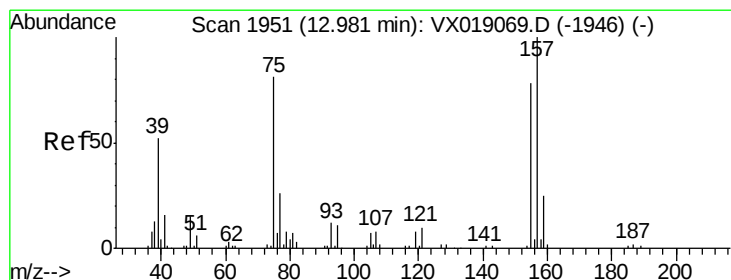
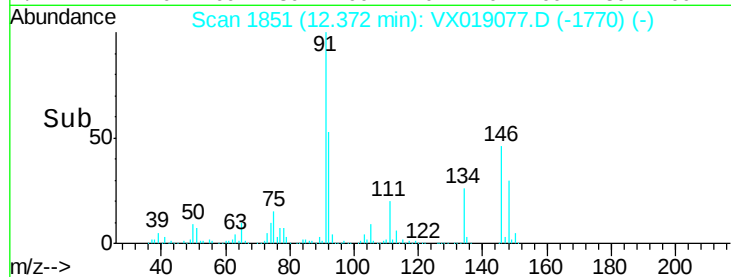
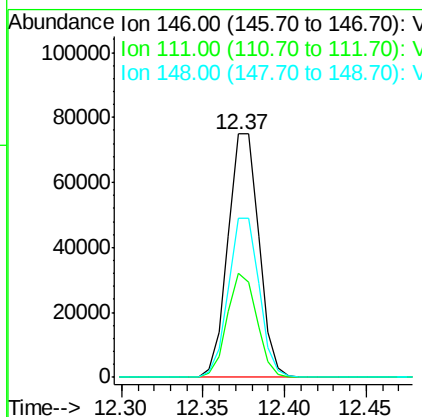
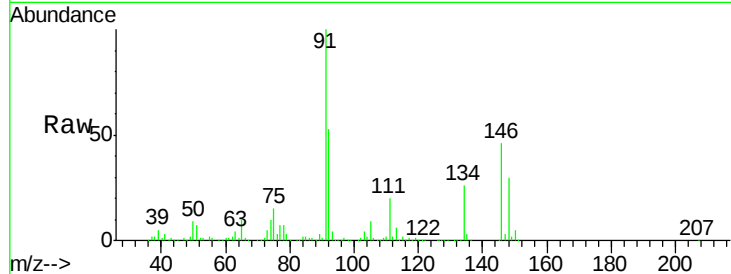
#87
 1,2-Dichlorobenzene
 Concen: 18.262 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	64.8	32.1	96.5

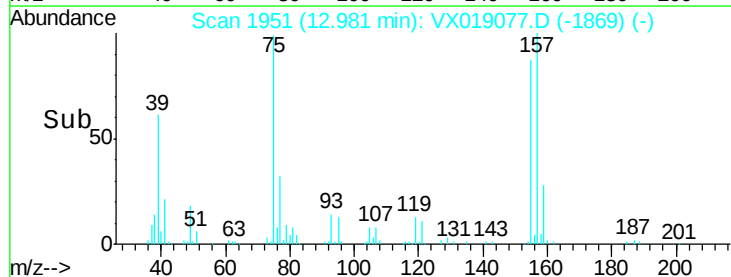
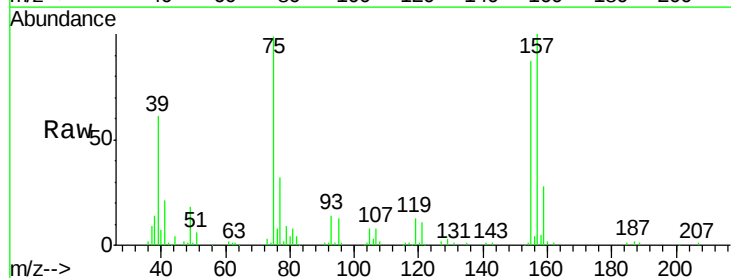
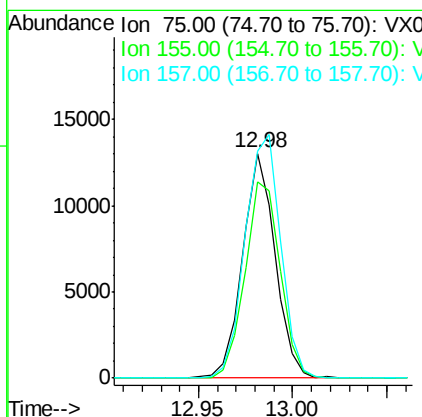
Manual Integrations
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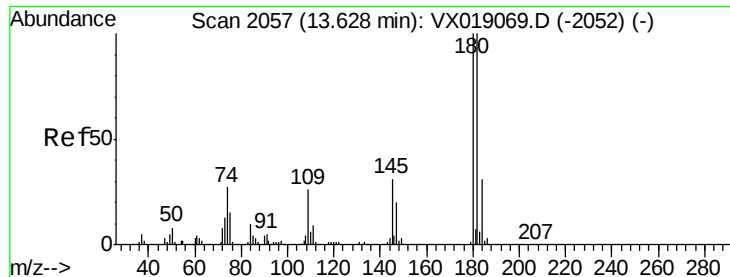
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.405 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	73.7	110.5
157	118.0	96.5	144.7





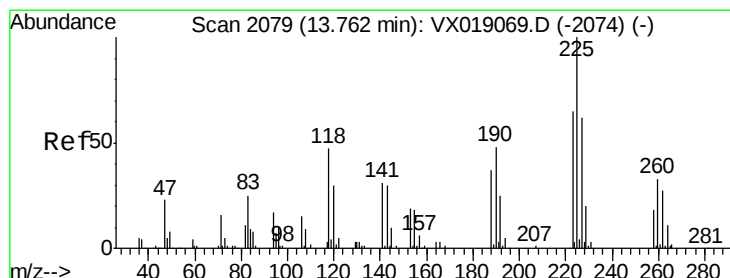
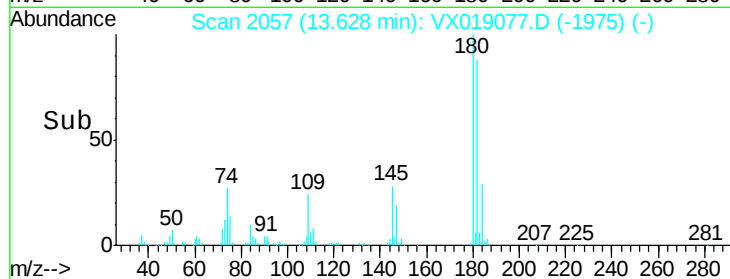
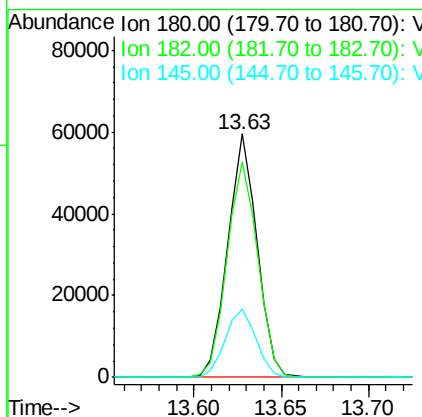
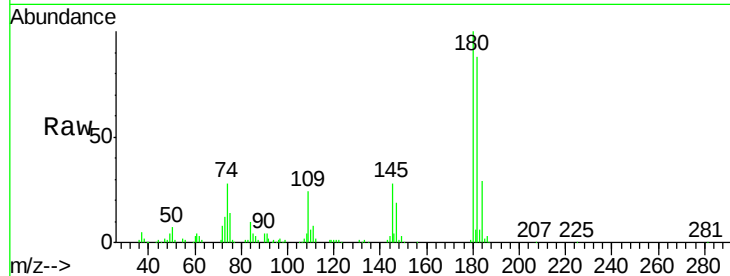
#89
 1,2,4-Trichlorobenzene
 Concen: 17.701 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.5	114.7
145	29.5	24.2	36.4

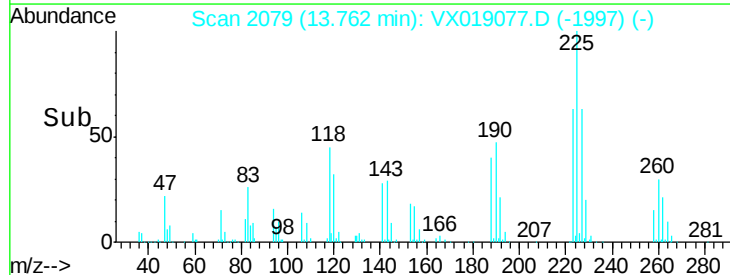
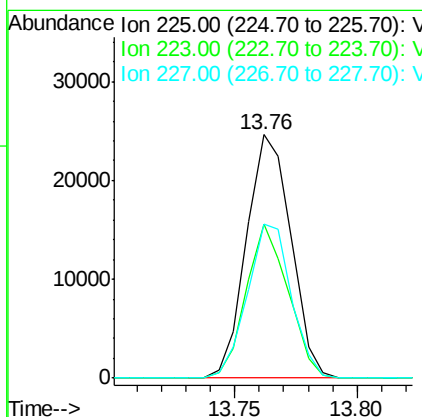
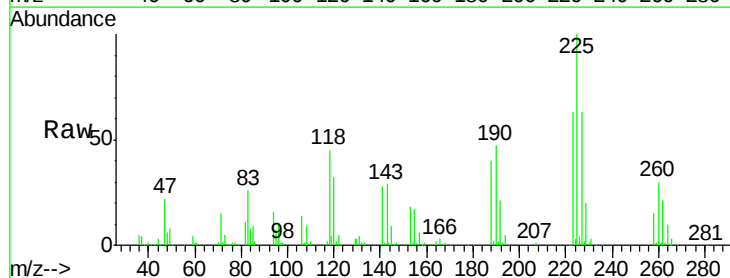
Manual Integrations
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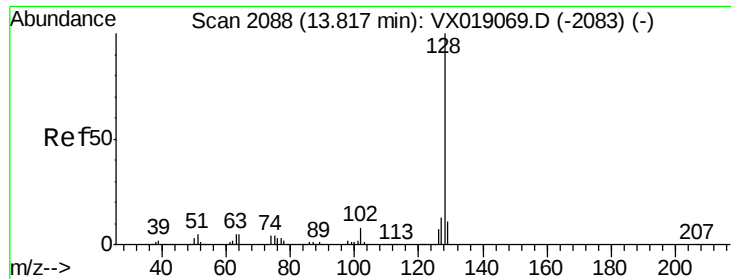
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#90
 Hexachlorobutadiene
 Concen: 18.764 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	0.0	130.0
227	62.7	0.0	128.6





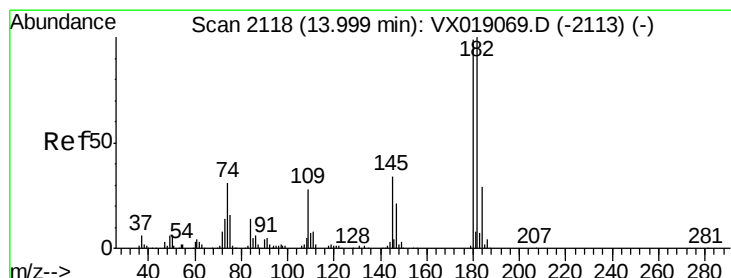
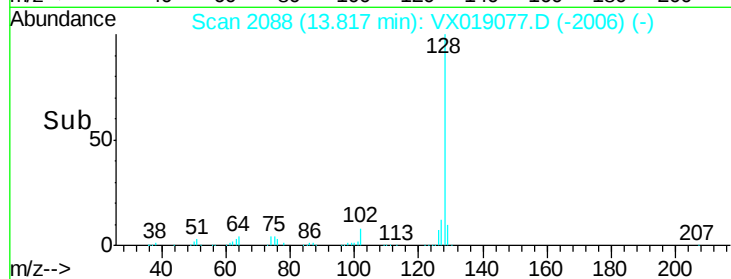
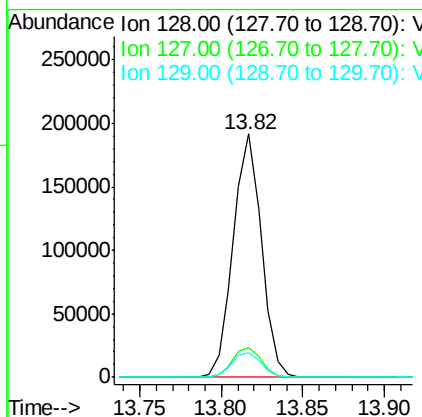
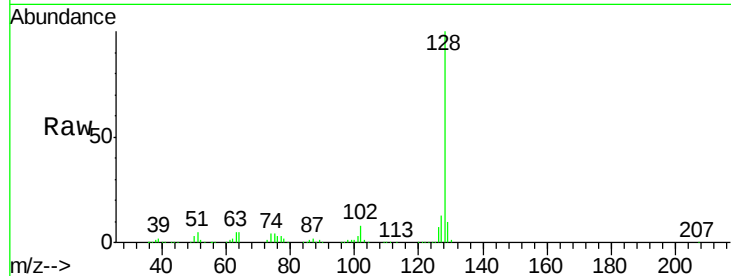
#91
Naphthalene
Concen: 18.092 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	231905		
127	12.7		10.6	16.0
129	10.6		8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.846 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	67216		
182	99.1		0.0	192.4
145	32.1		0.0	64.6

