

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019070.D
 Acq On : 23 Oct 2020 10:38
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 11:20:43 AM

Quant Time: Oct 23 11:52:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 11:41:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50564	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	279324	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	253397	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	100071	30.64	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.13%
60) 4-Bromofluorobenzene	11.12	95	111786	28.64	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.47%
63) Toluene-d8	8.70	98	335555	30.00	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	132234	55.085	ug/l 99
3) Chloromethane	1.31	50	122064	47.328	ug/l 99
4) Vinyl Chloride	1.39	62	156951	48.377	ug/l 98
5) Bromomethane	1.64	94	121183	59.891	ug/l 100
6) Chloroethane	1.72	64	105060	46.961	ug/l 98
7) Trichlorofluoromethane	1.92	101	270558	52.327	ug/l 96
8) Diethyl Ether	2.17	74	102623	50.604	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129709	46.227	ug/l 99
10) 1,1-Dichloroethene	2.36	96	131940	45.288	ug/l 96
11) Methyl Iodide	2.50	142	129148	39.249	ug/l 97
12) Methyl Acetate	2.75	43	131667	45.911	ug/l 97
13) Acrolein	2.28	56	50715	100.373	ug/l 99
14) Acrylonitrile	3.12	53	308315	231.543	ug/l 100
15) Acetone	2.42	58	85145	200.894	ug/l 93
16) Carbon Disulfide	2.55	76	364434	50.041	ug/l 99
17) Allyl chloride	2.71	41	166755	44.453	ug/l 99
18) Methylene Chloride	2.84	84	151086	50.516	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	153566	51.059	ug/l 98
20) Diisopropyl ether	3.82	45	337824	47.878	ug/l 97
21) 1,1-Dichloroethane	3.67	63	248183	50.814	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	179569	52.515	ug/l 100
23) tert-Butyl Alcohol	3.03	59	143977	199.890	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	420557	51.373	ug/l 99
25) Chloroform	5.18	83	275331	52.795	ug/l 98
26) Cyclohexane	5.55	56	190801	48.940	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	208771	52.551	ug/l 99
30) 2-Butanone	4.64	43	413605	216.241	ug/l 100
31) 2,2-Dichloropropane	4.55	77	238432	51.145	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	248895	51.613	ug/l 99
33) Carbon Tetrachloride	5.76	117	218107	49.949	ug/l 97
34) Benzene	6.11	78	614853	52.239	ug/l 98
35) Methacrylonitrile	5.00	41	90144	44.954	ug/l 95
36) 1,2-Dichloroethane	6.16	62	210705	54.090	ug/l 100
37) Trichloroethene	7.19	130	177113	51.619	ug/l 100
38) Methylcyclohexane	7.44	83	233234	51.663	ug/l 100
39) 1,2-Dichloropropane	7.49	63	144320	50.685	ug/l 97
40) Dibromomethane	7.64	93	110922	52.596	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	222278	52.129	ug/l	99
42) Vinyl Acetate	3.79	43	1621163	232.927	ug/l	99
43) Ethyl Acetate	4.79	43	175027	43.849	ug/l	98
44) Isopropyl Acetate	6.41	43	295106	46.005	ug/l	99
45) 1,4-Dioxane	7.73	88	60281	886.566	ug/l	99
46) Methyl methacrylate	7.74	41	140516	46.950	ug/l	99
47) n-amyl Acetate	10.88	43	237458	45.100	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	247752	51.169	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	264564	51.365	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	162795	54.159	ug/l	98
51) Ethyl methacrylate	9.16	69	241046	51.397	ug/l	98
52) 1,3-Dichloropropane	9.35	76	263180	52.908	ug/l	99
53) Dibromochloromethane	9.57	129	182298	51.988	ug/l	100
54) 1,2-Dibromoethane	9.65	107	175357	53.064	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	623485	245.942	ug/l	100
56) Bromoform	10.84	173	121802	45.411	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	867264	223.004	ug/l	100
59) 2-Hexanone	9.48	43	639558	215.889	ug/l	99
61) Tetrachloroethene	9.32	164	157544	51.250	ug/l	93
62) Toluene	8.77	91	699421	52.161	ug/l	100
64) Chlorobenzene	10.12	112	438049	51.975	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	159232	49.142	ug/l	99
66) Ethyl Benzene	10.23	91	761430	51.661	ug/l	99
67) m/p-Xylenes	10.34	106	588731	102.323	ug/l	99
68) o-Xylene	10.68	106	279769	51.521	ug/l	99
69) Styrene	10.70	104	470165	50.570	ug/l	99
70) Isopropylbenzene	11.00	105	752784	52.170	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	214626	47.772	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	195320m	46.798	ug/l	
73) Bromobenzene	11.24	156	179743	48.749	ug/l	98
74) n-propylbenzene	11.34	91	845925	51.398	ug/l	99
75) 2-Chlorotoluene	11.40	91	476126	50.282	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	605411	50.345	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	77843	44.070	ug/l	98
78) 4-Chlorotoluene	11.49	91	558739	50.052	ug/l	99
79) tert-butylbenzene	11.76	119	589746	48.579	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	596644	49.628	ug/l	98
81) sec-Butylbenzene	11.93	105	704517	50.268	ug/l	99
82) p-Isopropyltoluene	12.05	119	644398	49.550	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	318569	48.254	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	326642	49.062	ug/l	99
85) n-Butylbenzene	12.37	91	572547	49.019	ug/l	99
86) Hexachloroethane	12.58	117	101087	46.797	ug/l	99
87) 1,2-Dichlorobenzene	12.37	146	310951	48.759	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	49310	45.913	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	222016	47.631	ug/l	100
90) Hexachlorobutadiene	13.76	225	95190	48.937	ug/l	97
91) Naphthalene	13.82	128	743528	49.061	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	214152	47.299	ug/l	100

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ClientSampleId :
VSTDICC050

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

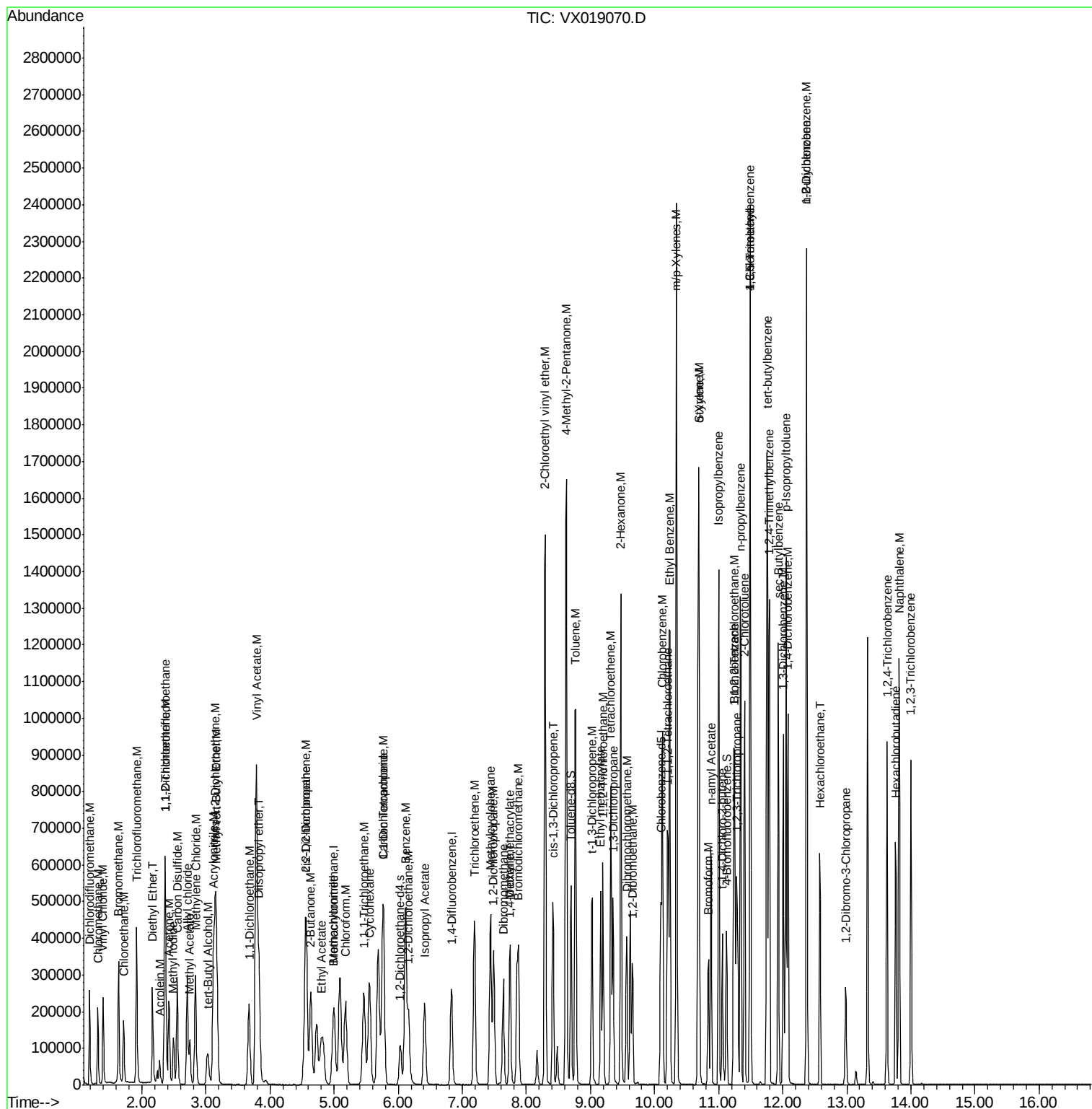
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Data File : VX019070.D
Acq On : 23 Oct 2020 10:38
Operator : JC/SP
Sample : VSTDICC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

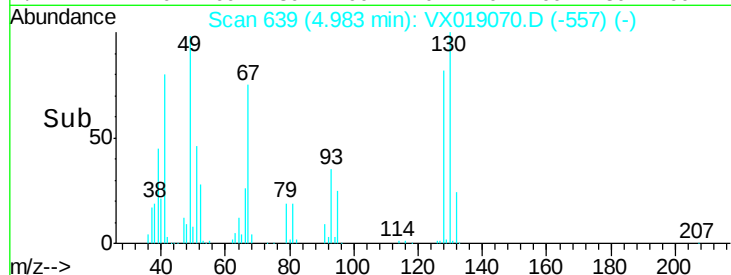
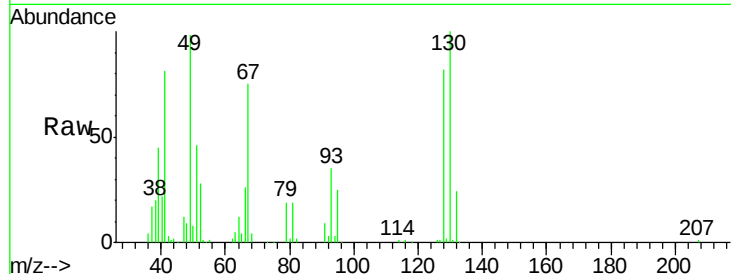
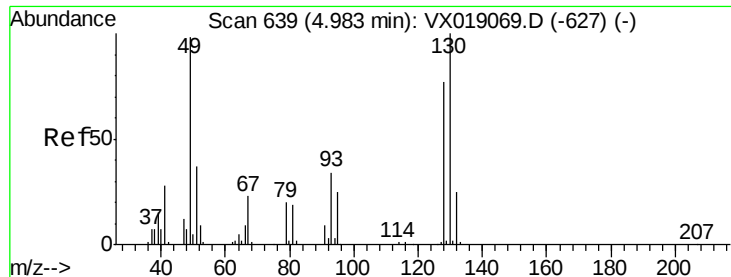
Instrument :
MSVOA_X
ClientSampleID :
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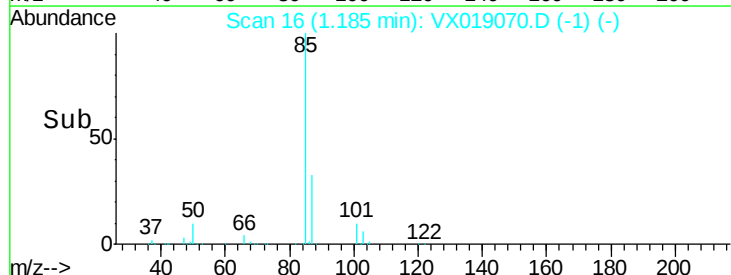
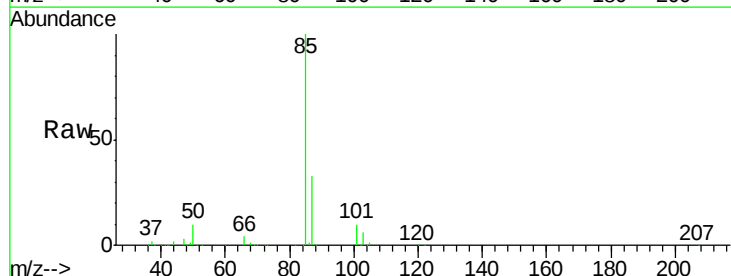
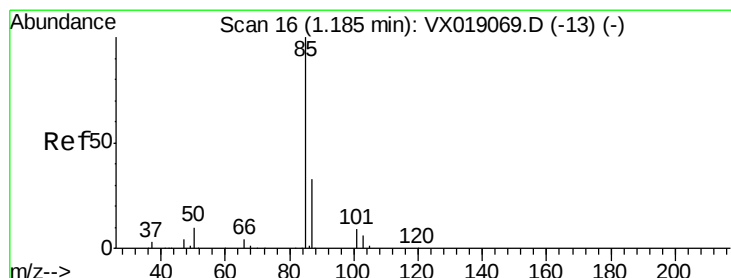
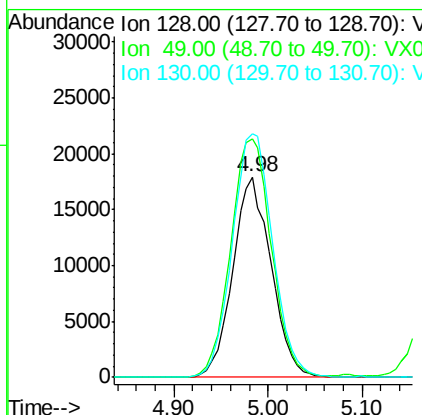
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tot Ion	Ratio	Lower	Upper
128	100		
49	127.4	0.0	318.8
130	128.8	0.0	321.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

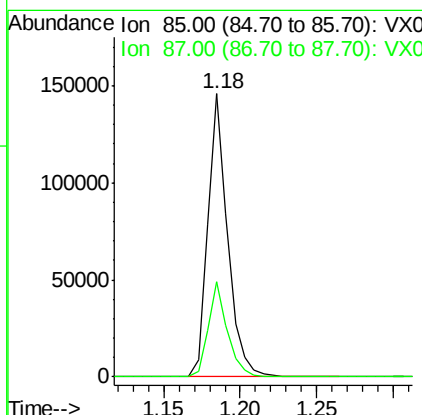
Manual Integrations
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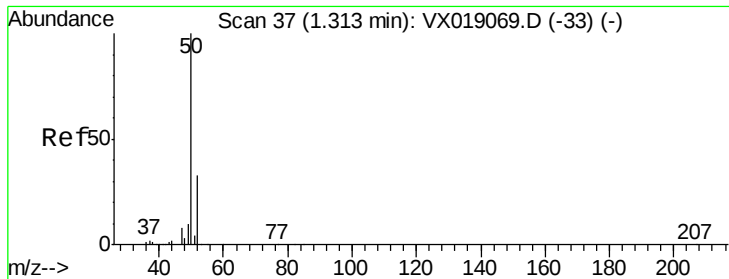
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#2
Dichlorodifluoromethane
Concen: 55.085 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.6	49.7





#3

Chloromethane

Concen: 47.328 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 122064

Ion Ratio Lower Upper

50 100

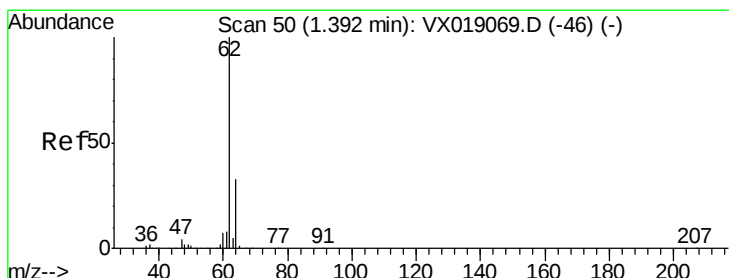
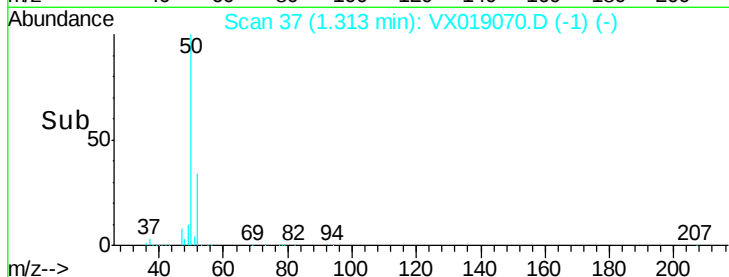
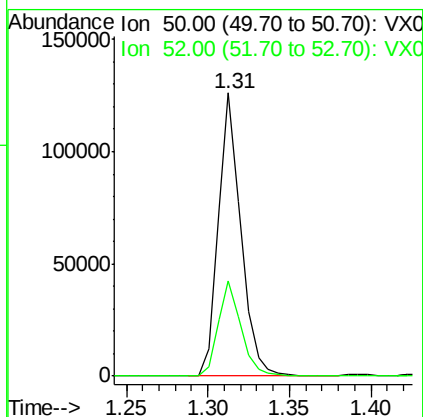
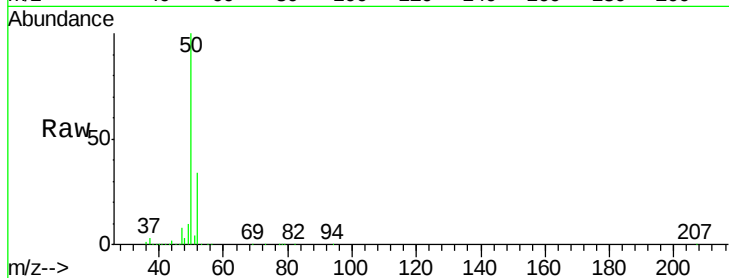
52 33.7 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.377 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019070.D

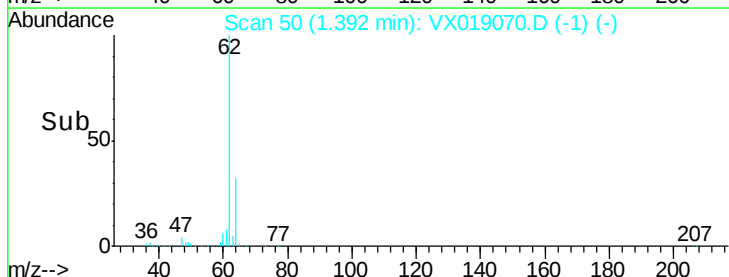
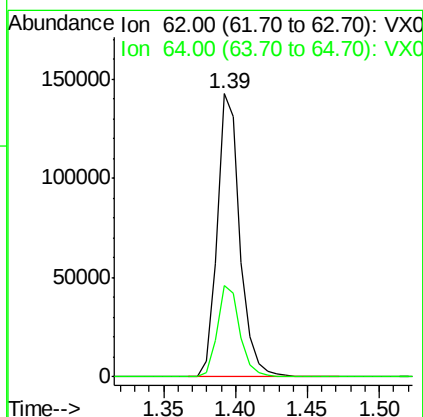
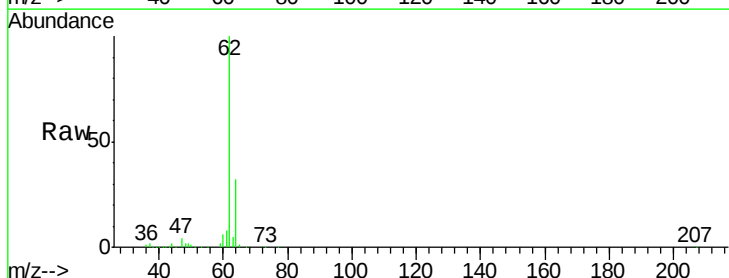
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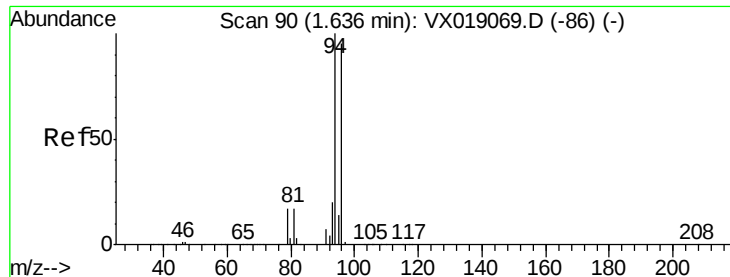
Tgt Ion: 62 Resp: 156951

Ion Ratio Lower Upper

62 100

64 32.4 26.7 40.1





#5

Bromomethane

Concen: 59.891 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 121183

Ion Ratio Lower Upper

94 100

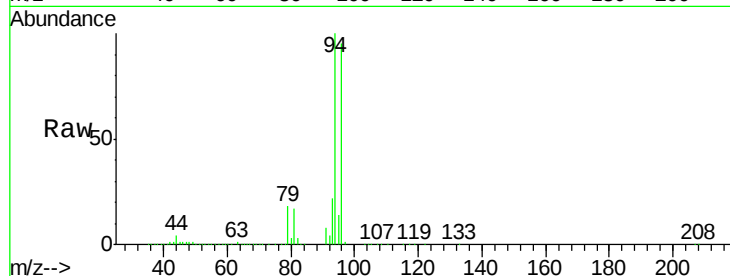
96 95.4 76.2 114.2

Manual Integrations

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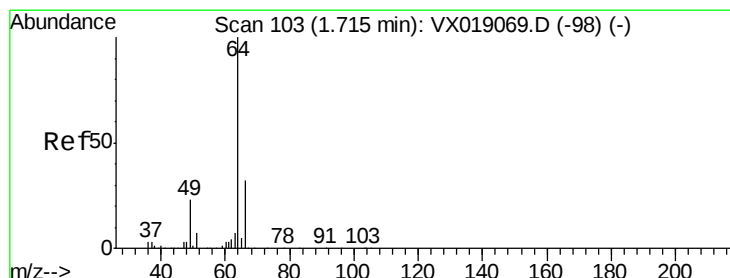
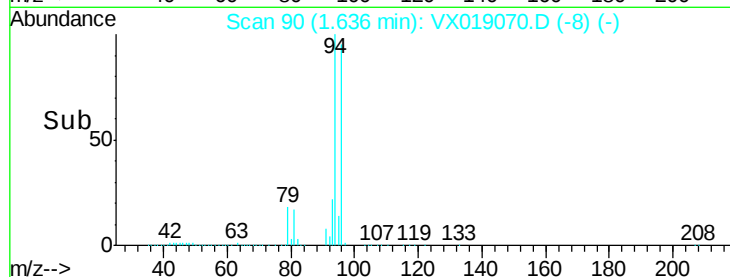
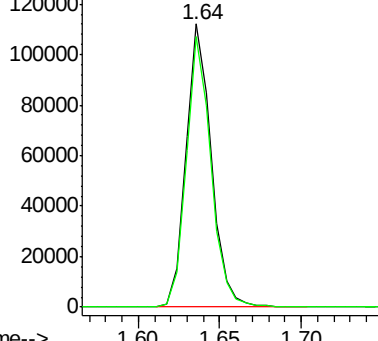
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 46.961 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019070.D

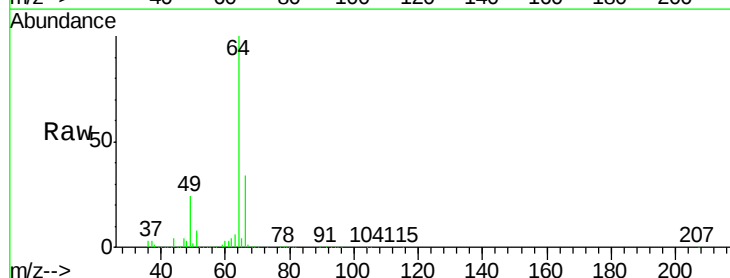
Acq: 23 Oct 2020 10:38

Tgt Ion: 64 Resp: 105060

Ion Ratio Lower Upper

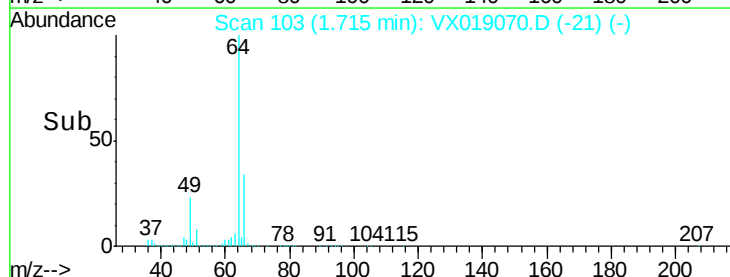
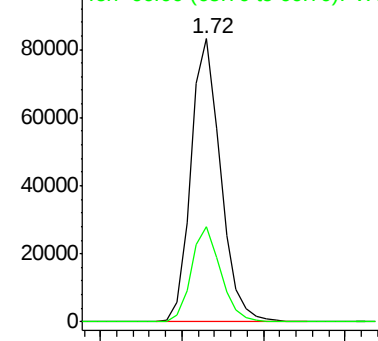
64 100

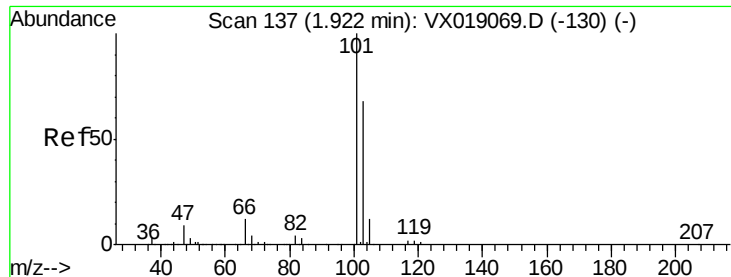
66 33.7 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

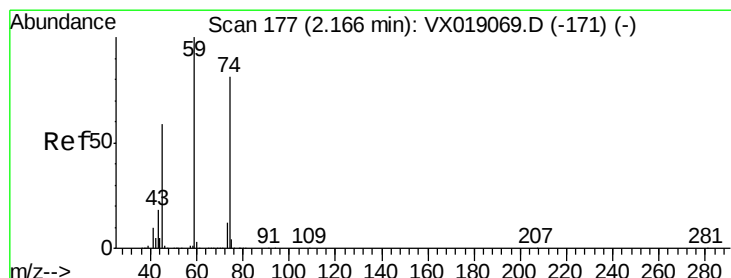
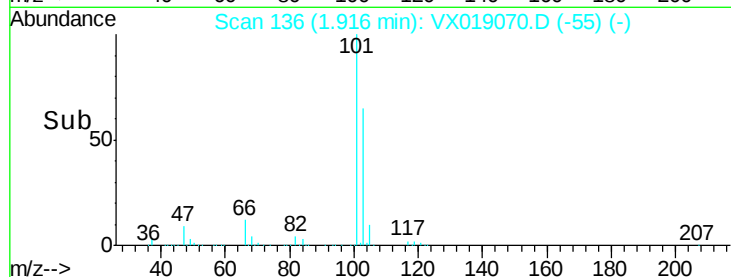
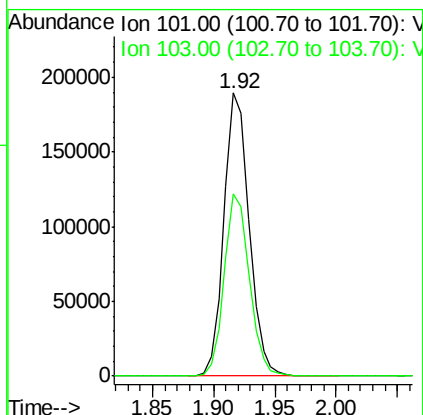
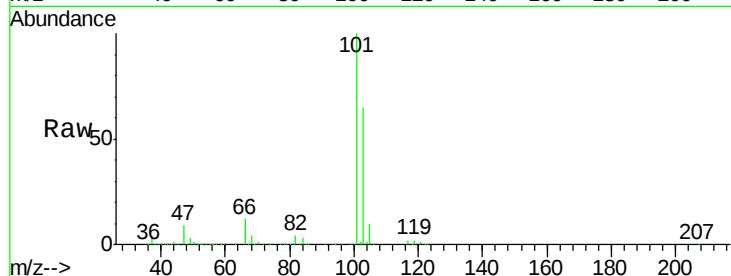
Trichlorofluoromethane
Concen: 52.327 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	270558		
103	64.5	54.2	81.4	

Manual Integrations
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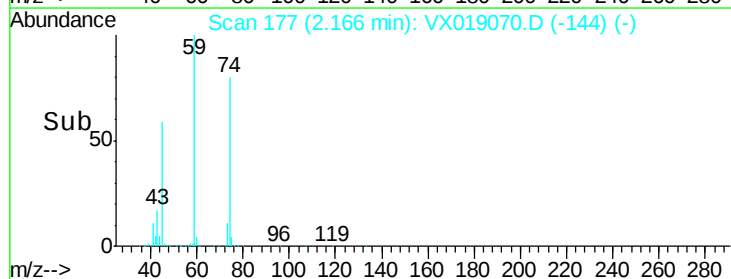
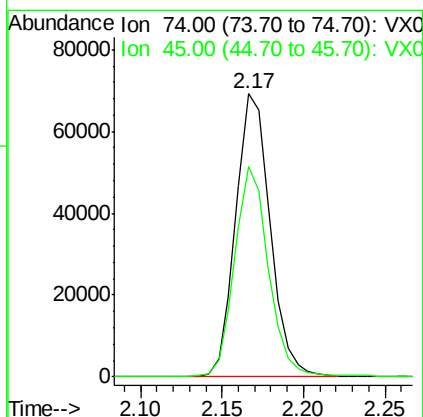
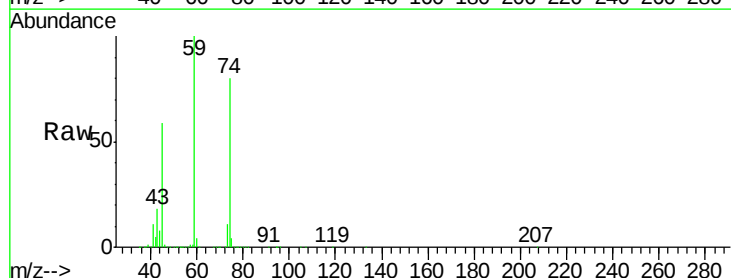
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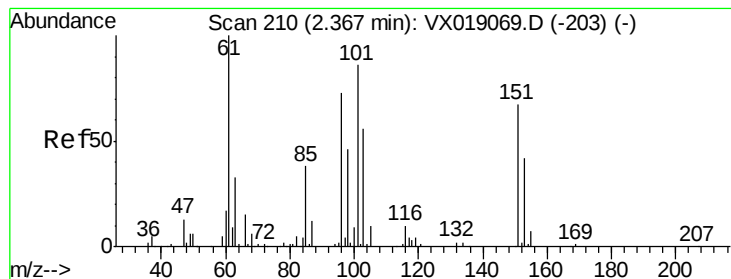


#8

Diethyl Ether
Concen: 50.604 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	102623		
45	71.7	14.5	130.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.227 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

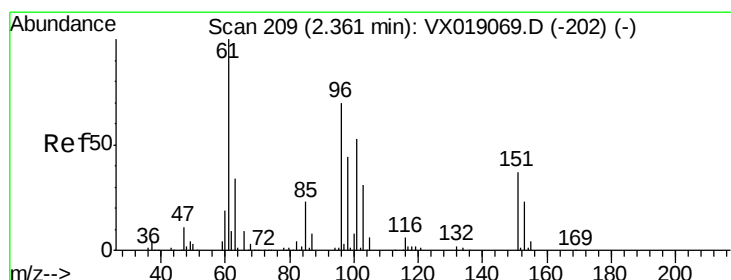
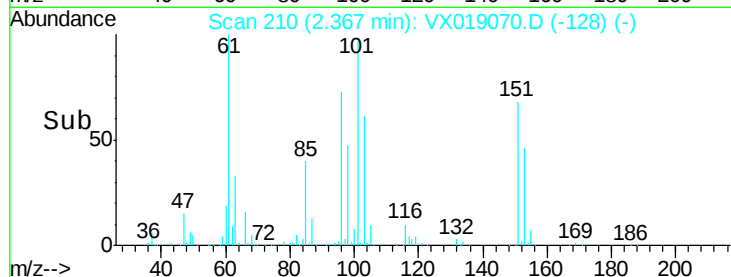
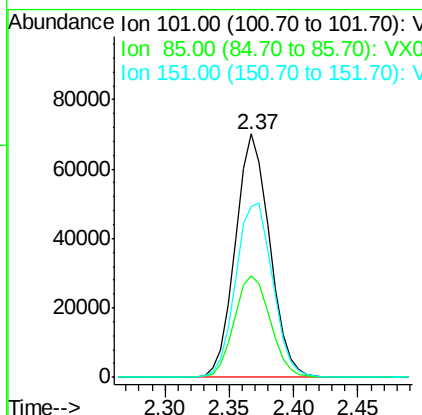
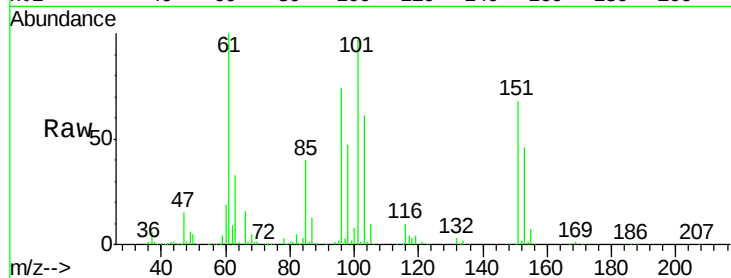
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	129709
Ion Ratio	Lower	Upper	
101	100		
85	43.7	0.0	87.0
151	77.0	0.0	151.8

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#10

1,1-Dichloroethene

Concen: 45.288 ug/l

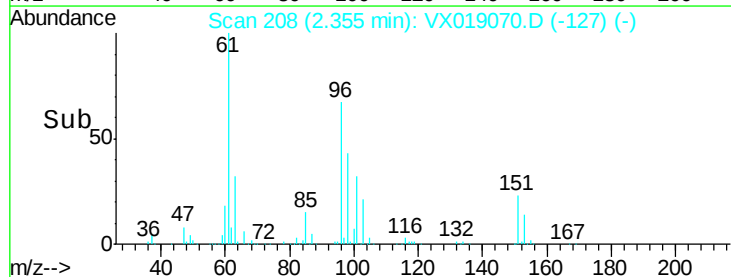
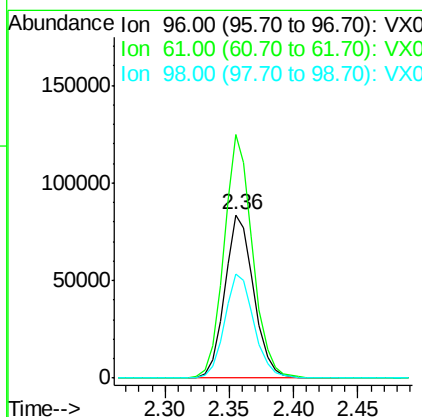
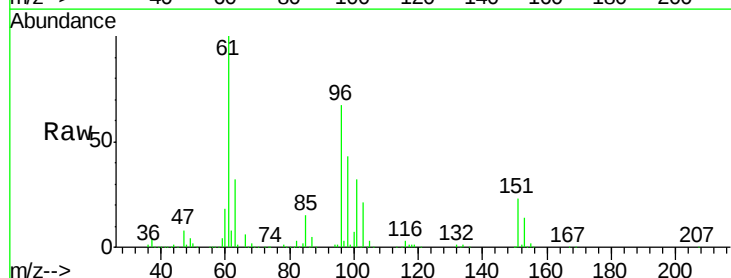
RT: 2.36 min Scan# 208

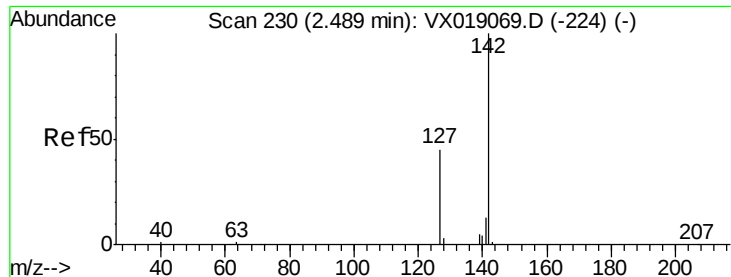
Delta R.T. -0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Tgt Ion:	96	Resp:	131940
Ion Ratio	Lower	Upper	
96	100		
61	149.2	113.8	170.8
98	63.7	50.4	75.6





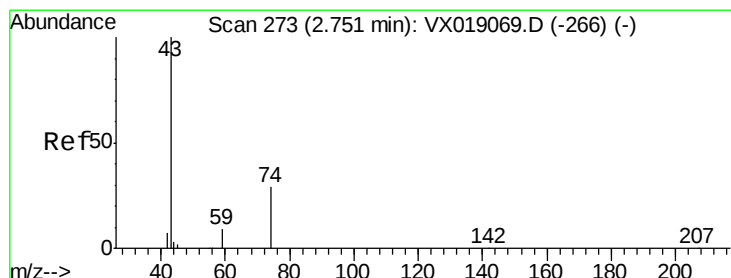
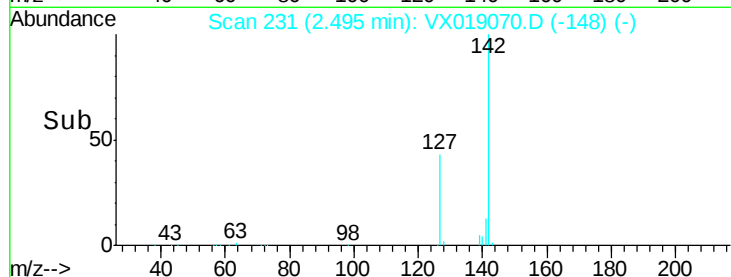
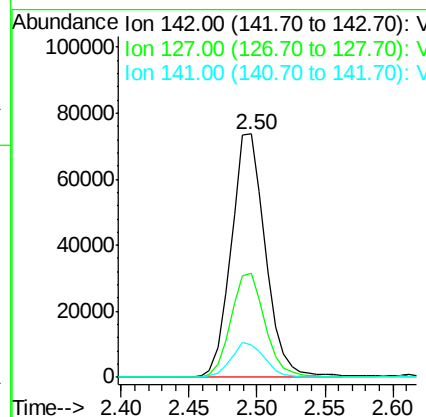
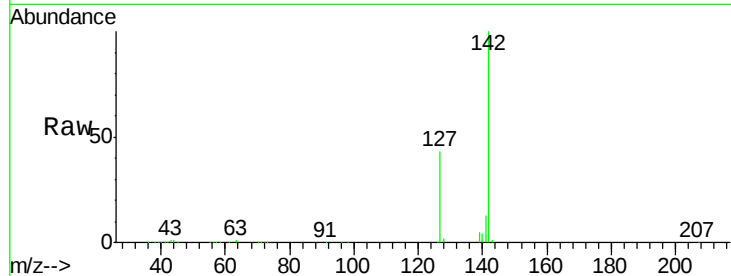
#11
Methyl Iodide
Concen: 39.249 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.6	22.6	67.7
141	13.4	6.3	19.1

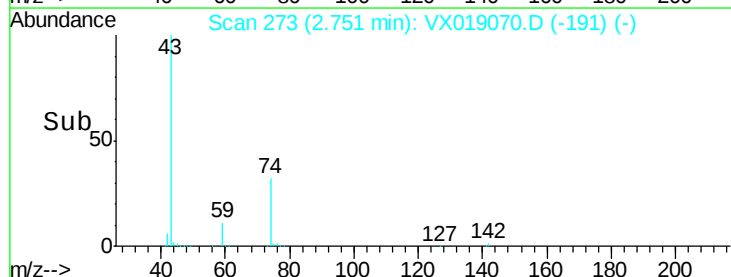
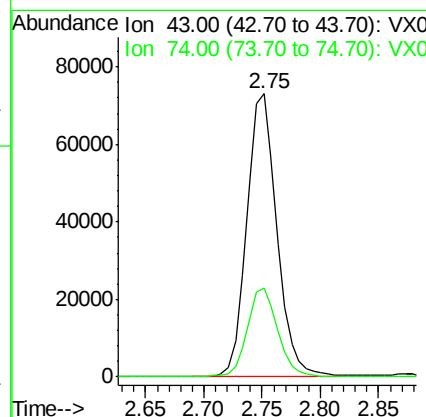
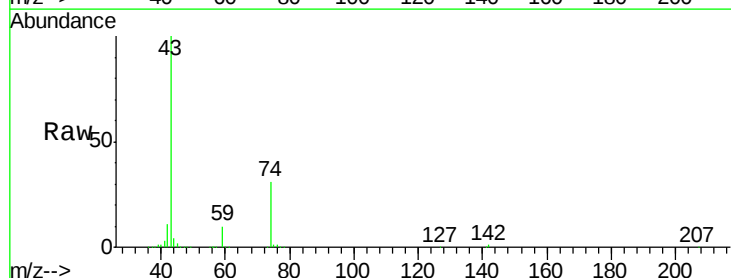
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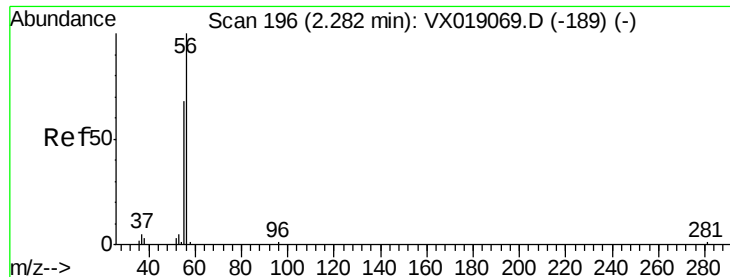
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#12
Methyl Acetate
Concen: 45.911 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.4	23.9	35.9





#13

Acrolein

Concen: 100.373 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 50715

Ion Ratio Lower Upper

56 100

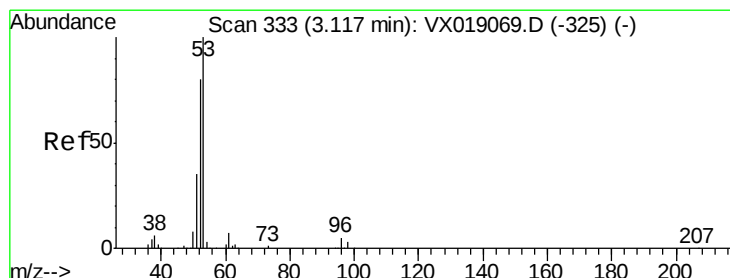
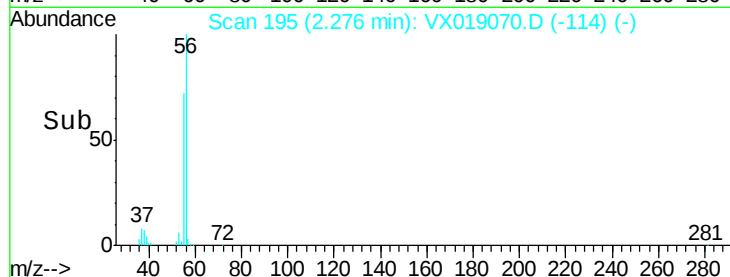
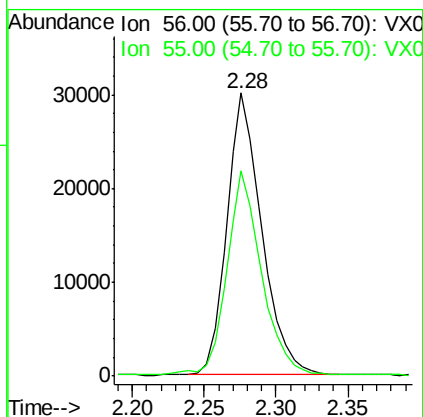
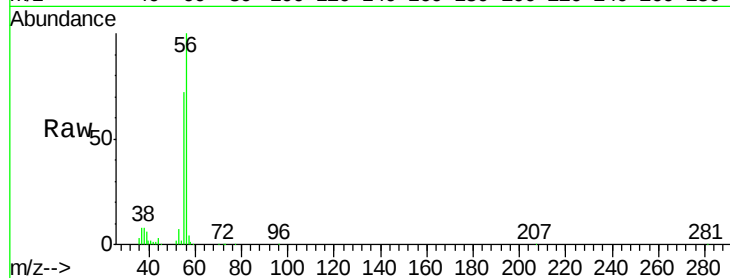
55 73.8 58.2 87.2

Manual Integrations

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#14

Acrylonitrile

Concen: 231.543 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

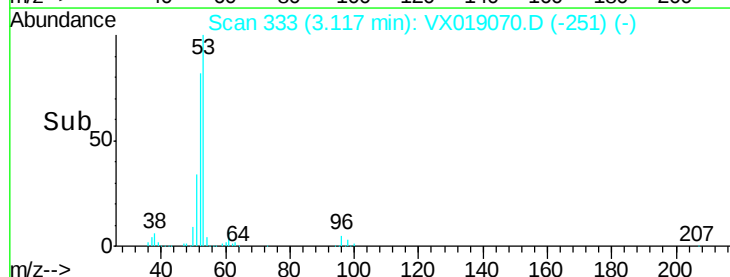
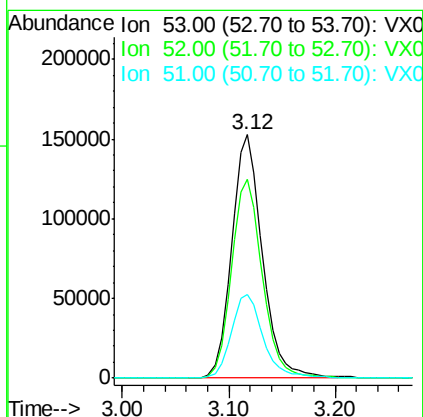
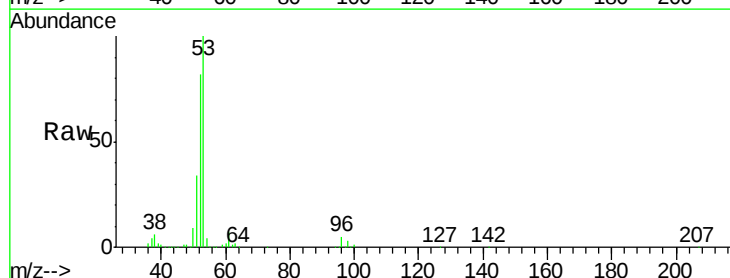
Tgt Ion: 53 Resp: 308315

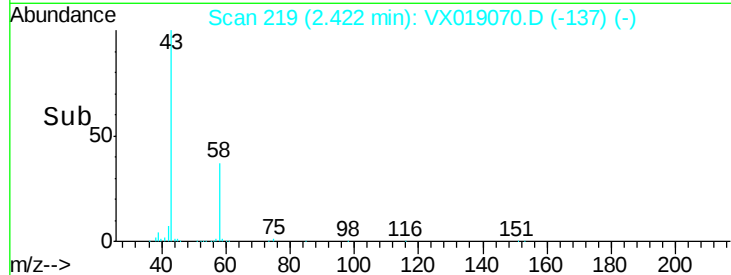
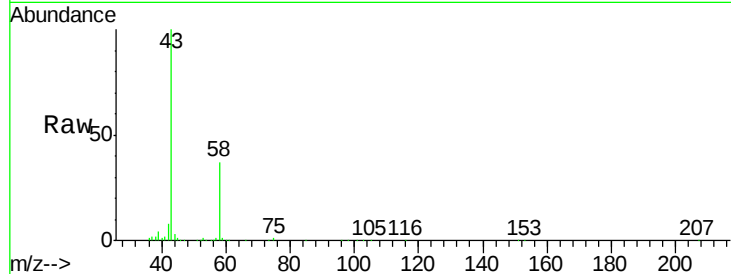
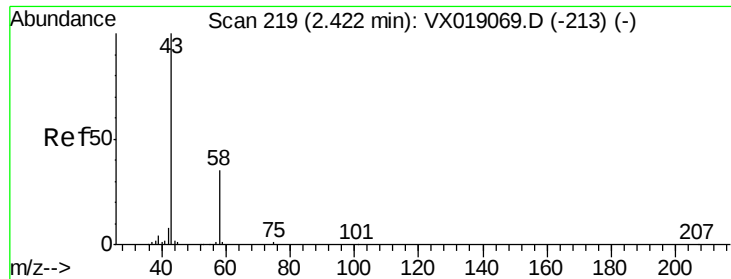
Ion Ratio Lower Upper

53 100

52 82.0 41.0 123.0

51 35.9 18.2 54.6





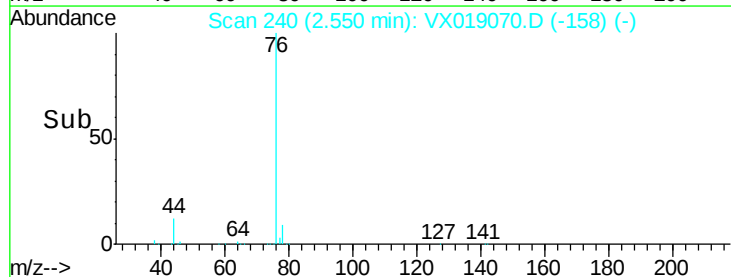
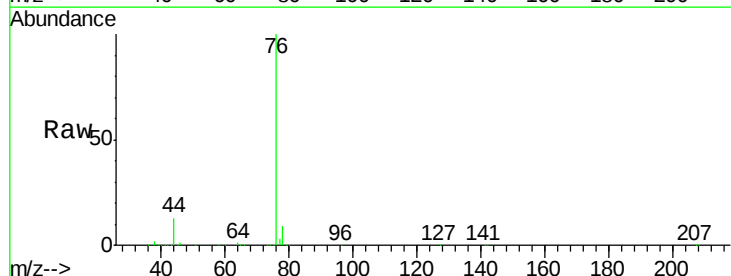
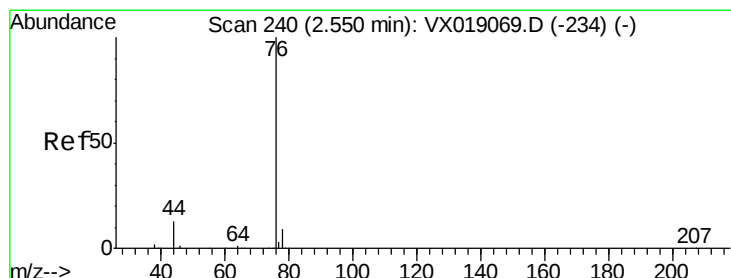
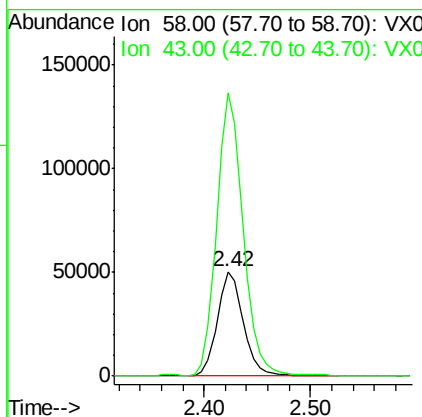
#15
Acetone
Concen: 200.894 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tot Ion: 58 Resp: 85145
Ion Ratio Lower Upper
58 100
43 270.3 226.7 340.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

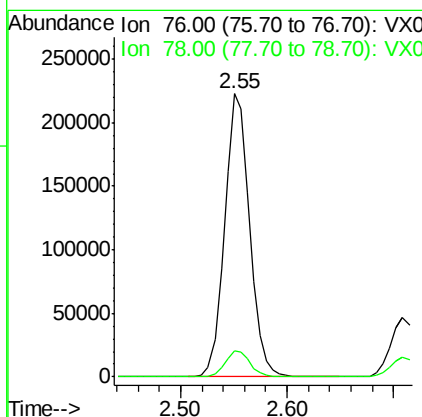
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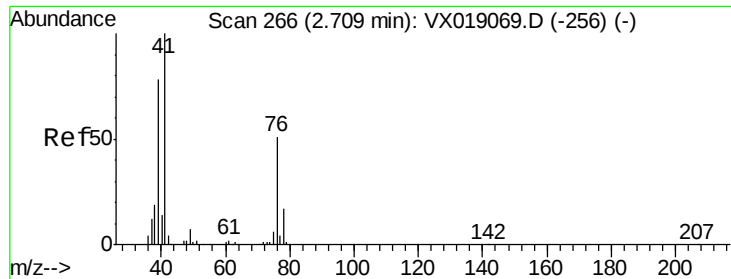
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#16
Carbon Disulfide
Concen: 50.041 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 76 Resp: 364434
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8





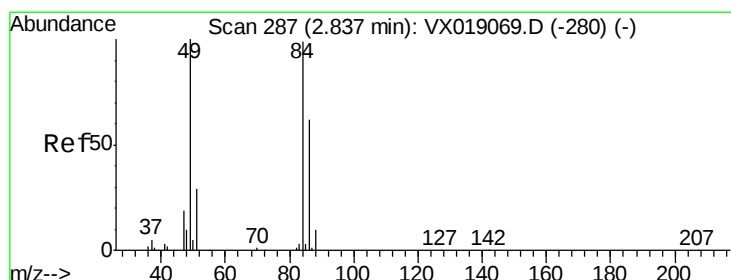
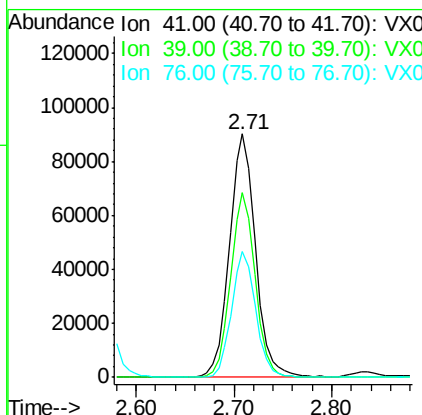
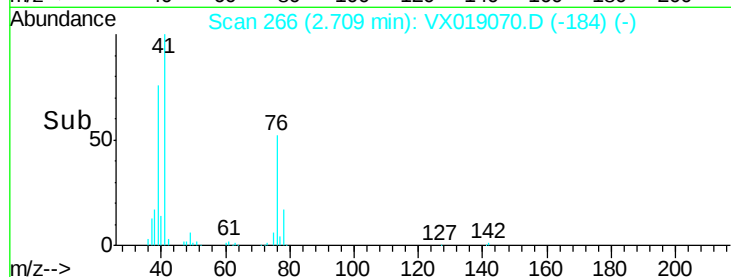
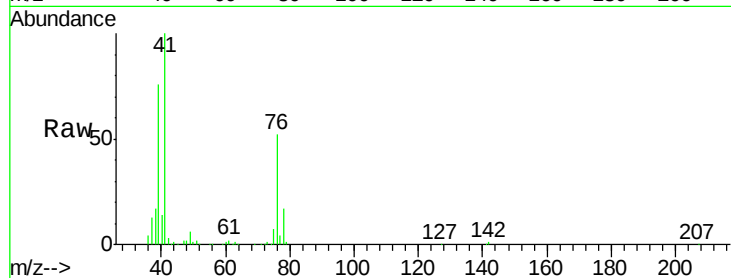
#17
Allvl chloride
Concen: 44.453 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:	41	Resp:	166755
Ion	Ratio	Lower	Upper
41	100		
39	75.8	38.8	116.3
76	51.6	25.8	77.4

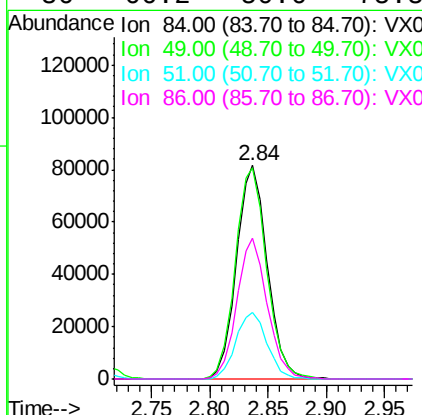
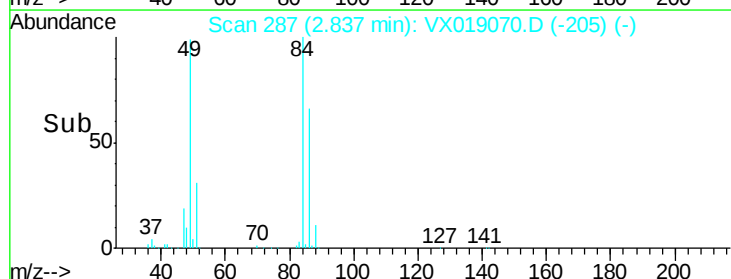
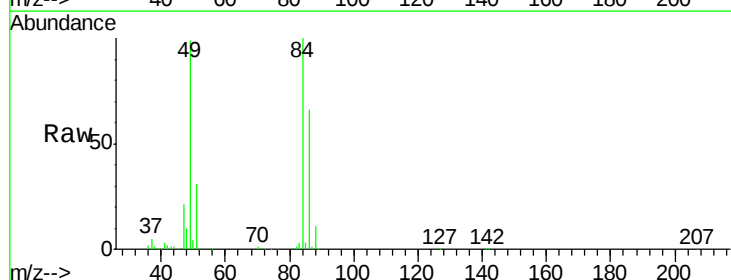
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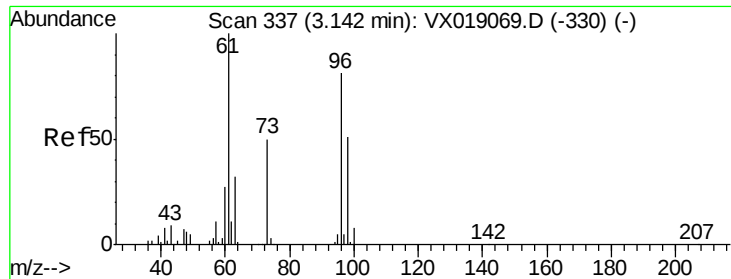
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#18
Methylene Chloride
Concen: 50.516 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion:	84	Resp:	151086
Ion	Ratio	Lower	Upper
84	100		
49	99.2	80.9	121.3
51	31.3	23.8	35.6
86	66.2	50.6	75.8





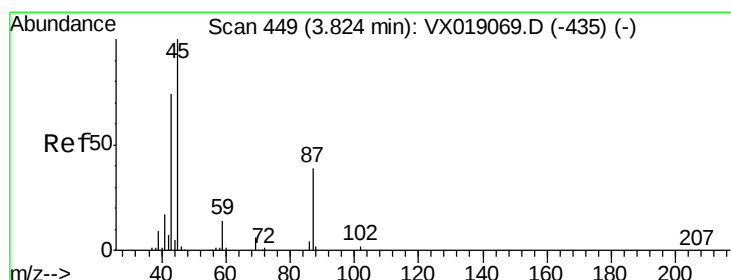
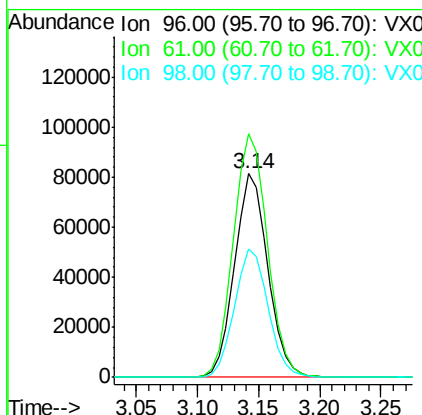
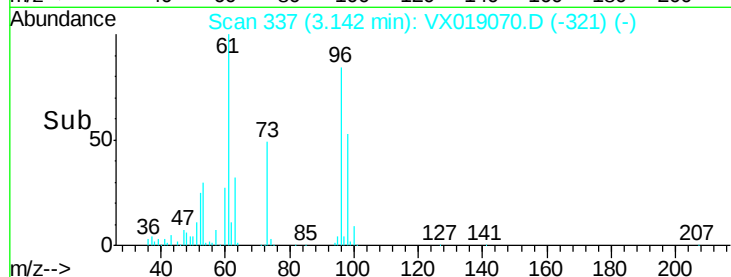
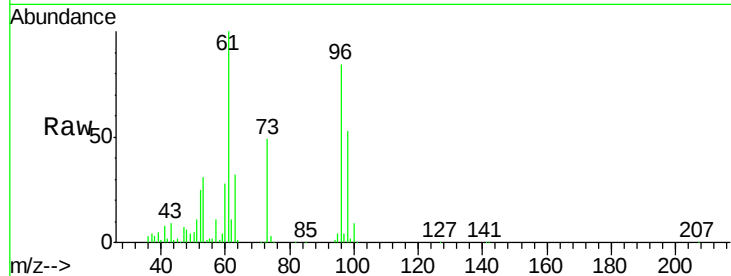
#19
trans-1,2-Dichloroethene
Concen: 51.059 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.5	98.4	147.6
98	63.0	49.9	74.9

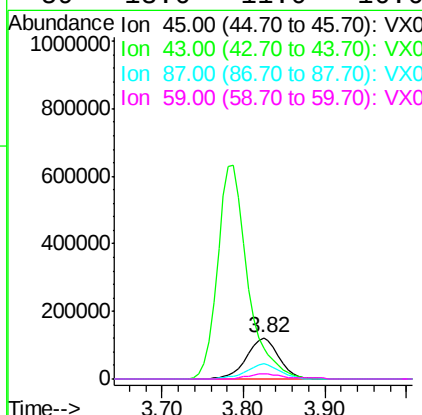
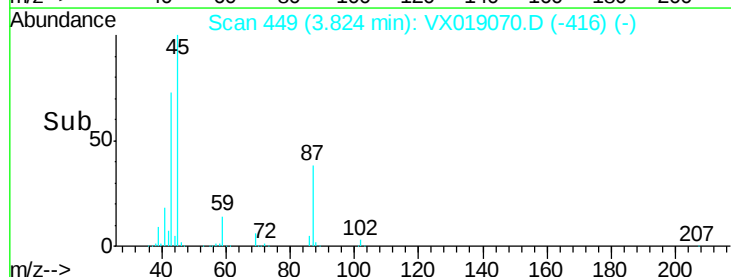
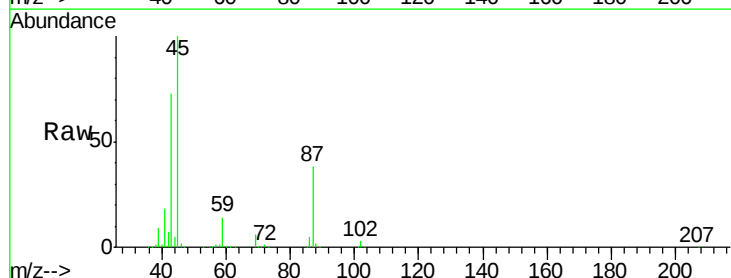
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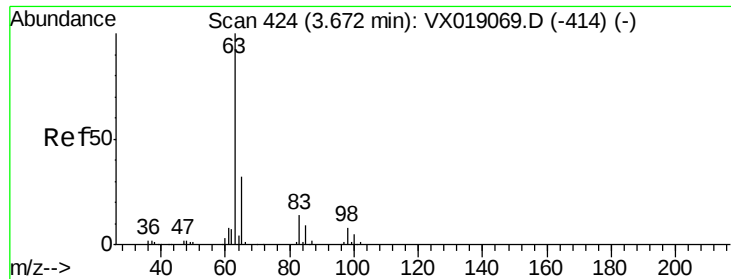
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#20
Diisopropyl ether
Concen: 47.878 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.1	60.6	91.0
87	37.7	30.9	46.3
59	13.6	11.0	16.6





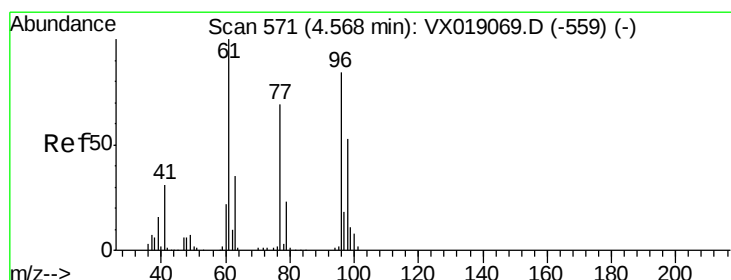
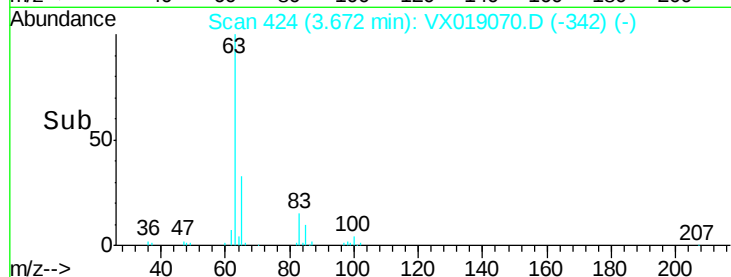
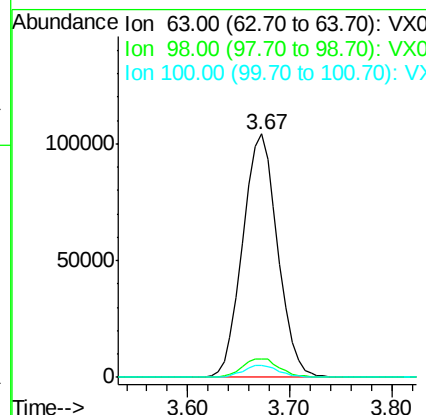
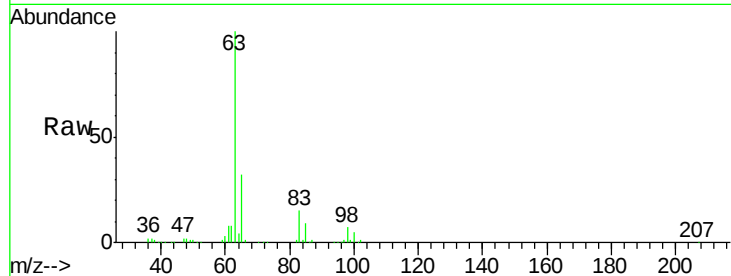
#21
 1,1-Dichloroethane
 Concen: 50.814 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	7.4	3.9	11.7
100	4.9	2.4	7.2

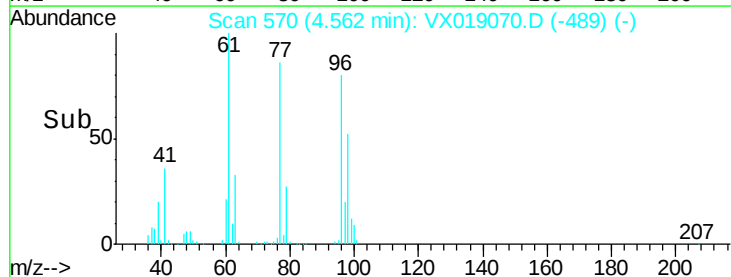
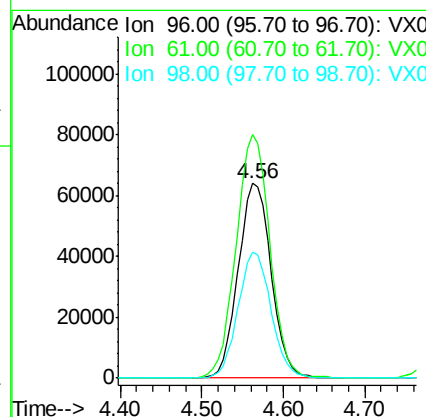
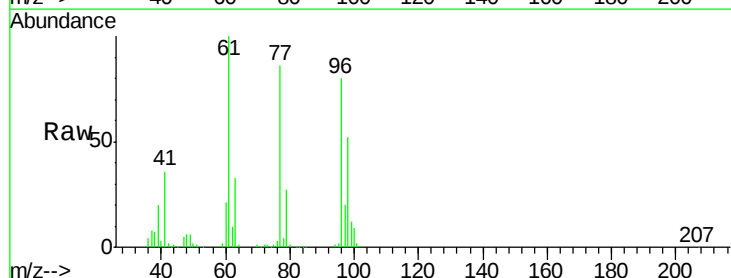
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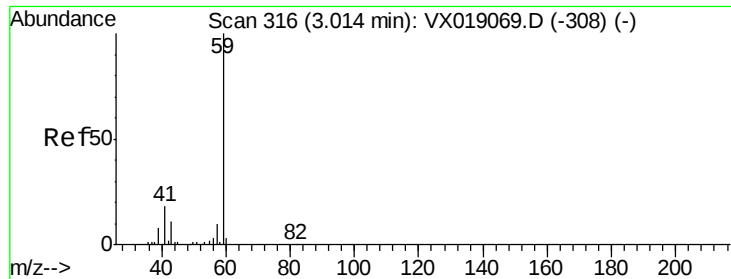
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#22
 cis-1,2-Dichloroethene
 Concen: 52.515 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	127.7	101.9	152.9
98	64.3	51.3	76.9





#23

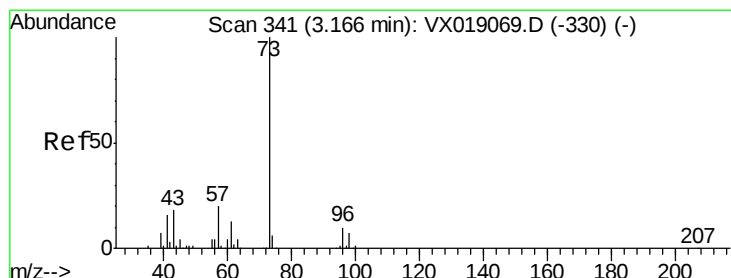
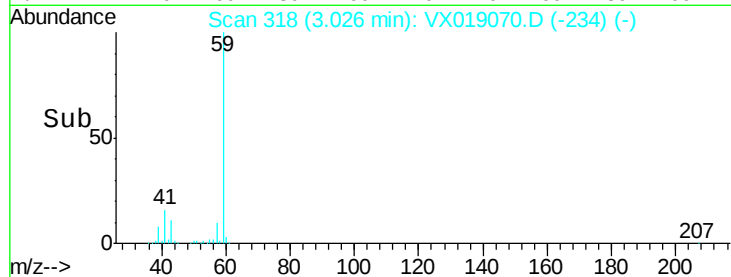
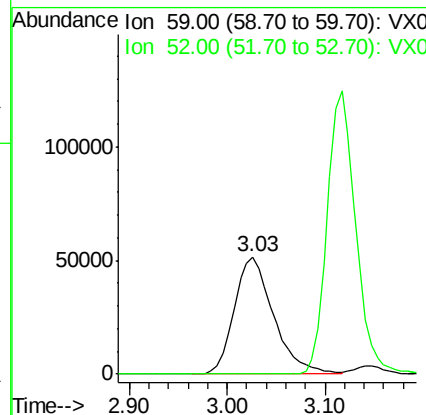
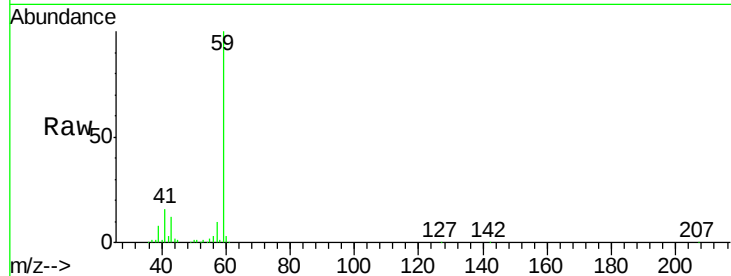
tert-Butyl Alcohol
 Concen: 199.890 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion: 59 Resp: 143977
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.4#

Manual Integrations
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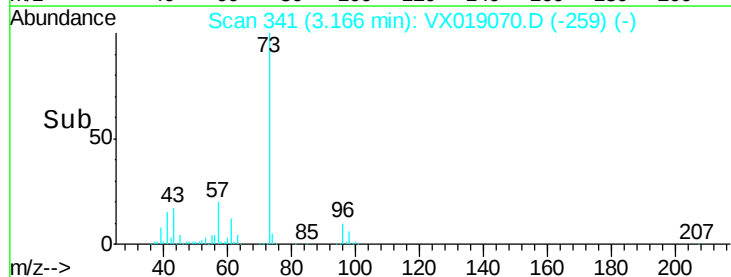
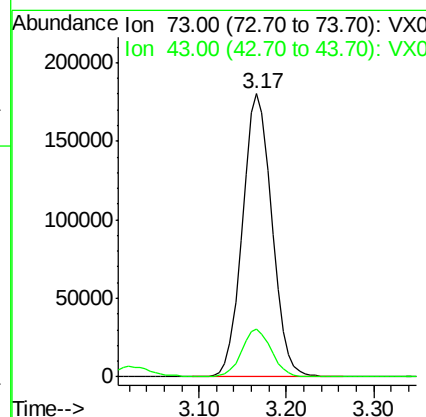
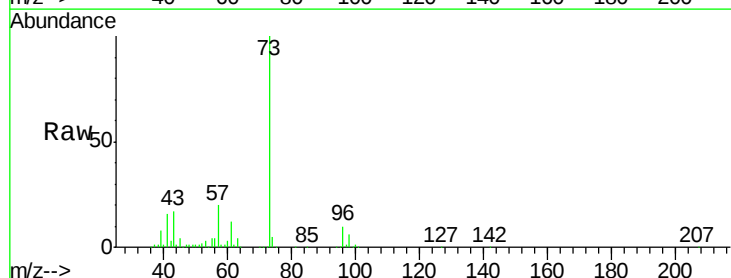
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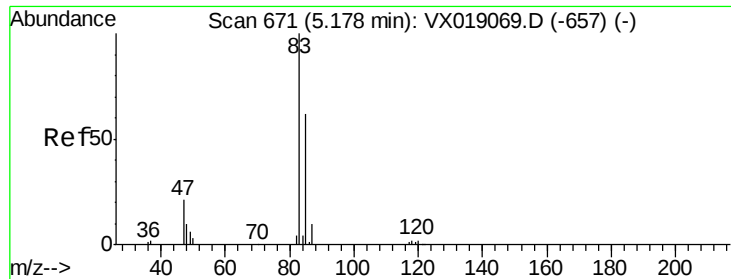


#24

Methyl tert-Butyl Ether
 Concen: 51.373 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion: 73 Resp: 420557
 Ion Ratio Lower Upper
 73 100
 43 16.9 13.9 20.9





#25

Chloroform

Concen: 52.795 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 275331

Ion Ratio Lower Upper

83 100

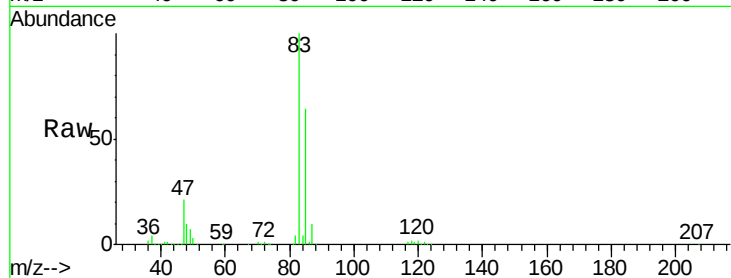
85 63.8 49.8 74.8

Manual Integrations

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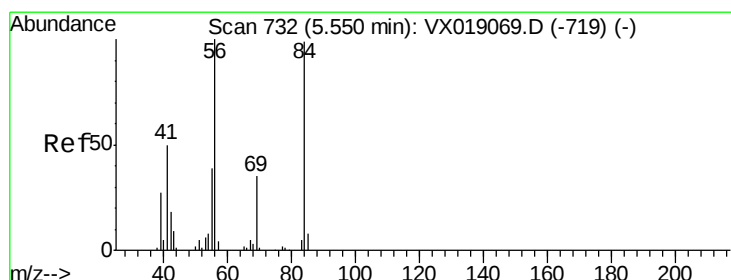
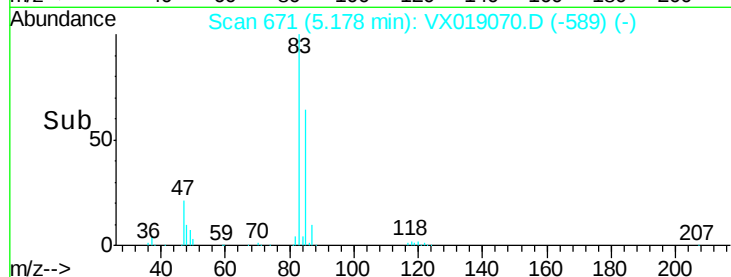
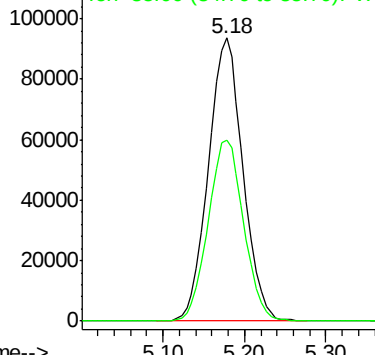
MMDadoda

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 48.940 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

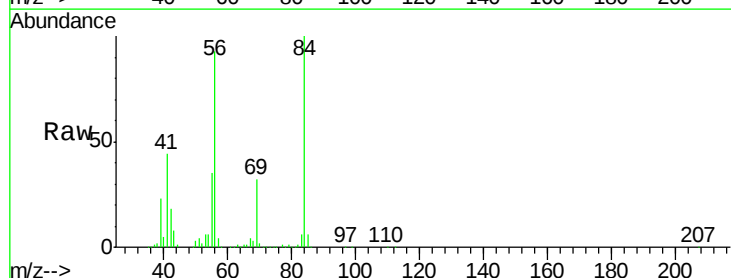
Tgt Ion: 56 Resp: 190801

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

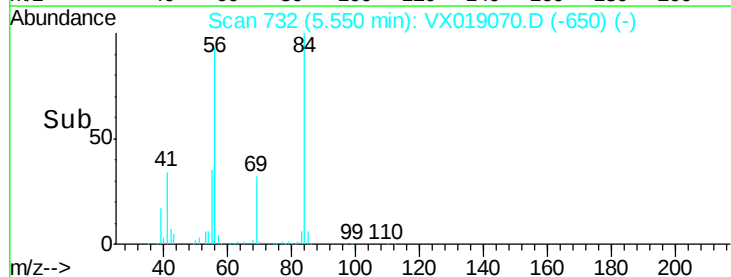
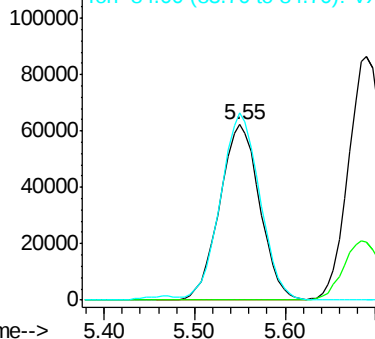
84 104.5 83.7 125.5

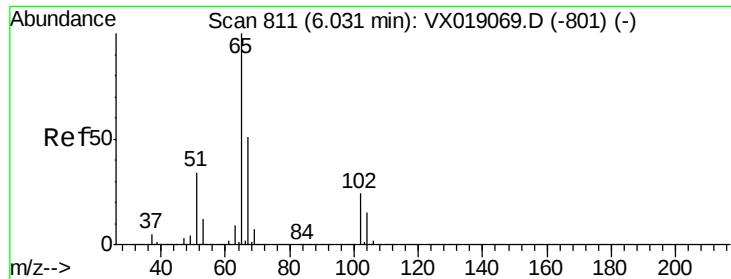


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





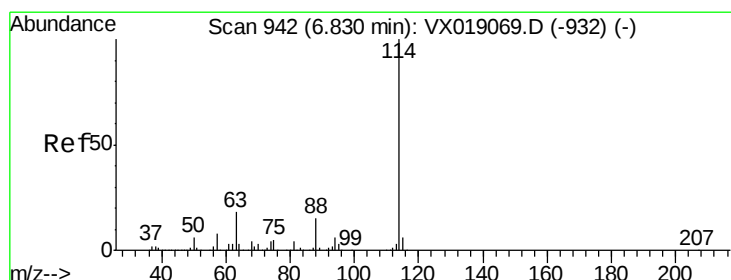
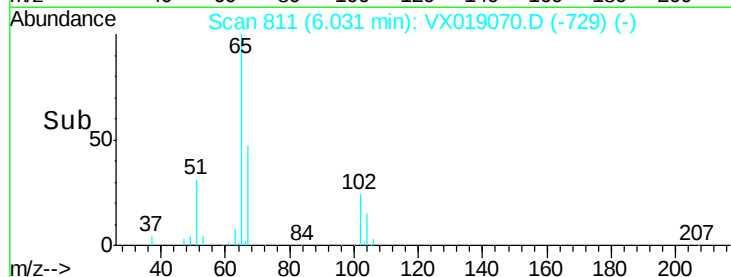
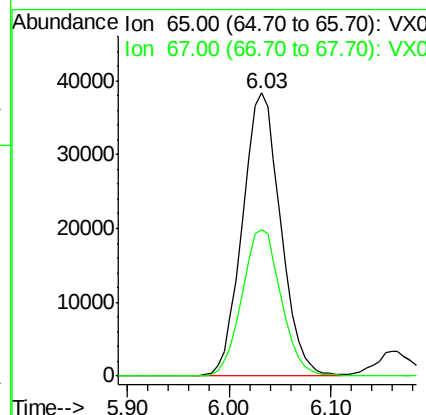
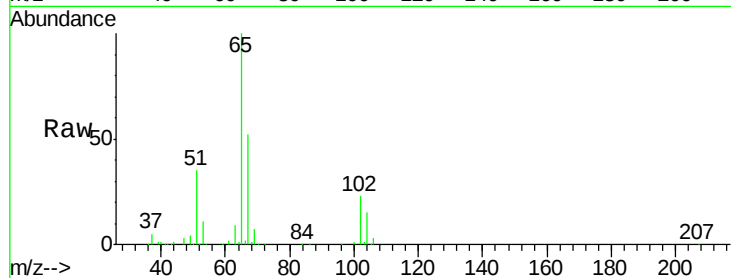
#27
 1,2-Dichloroethane-d4
 Concen: 30.636 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	42.0	63.0

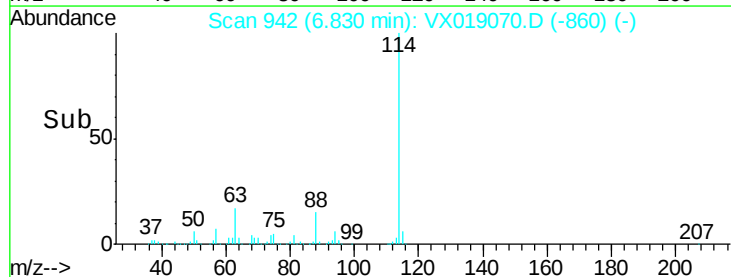
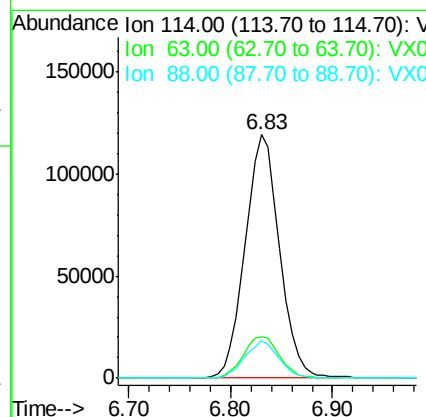
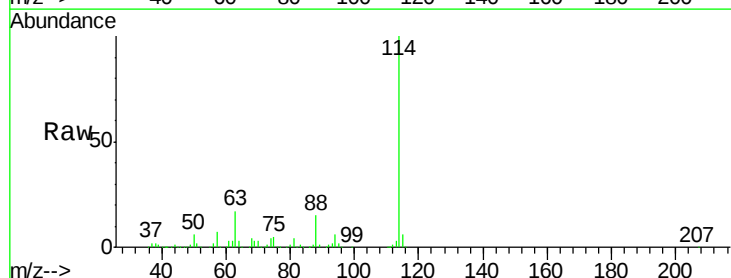
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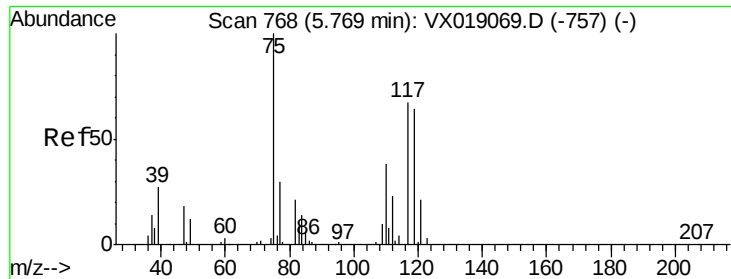
MMDadoda
 10/26/2020 11:20:43 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	14.6	21.8
88	15.2	12.2	18.2





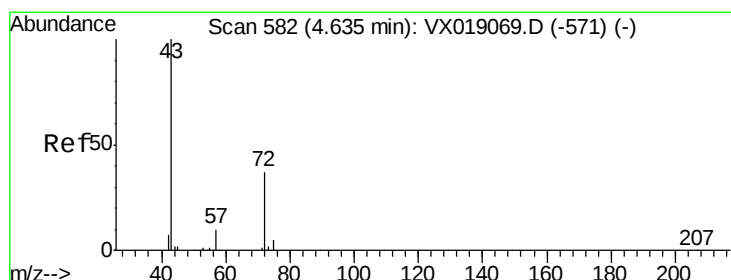
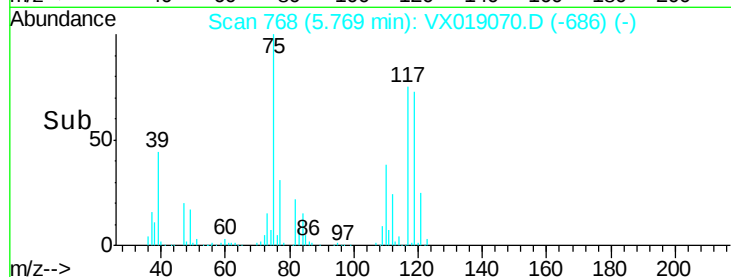
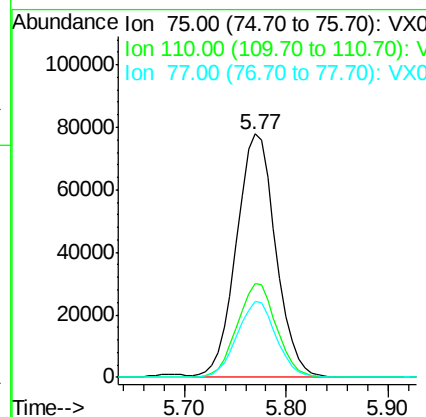
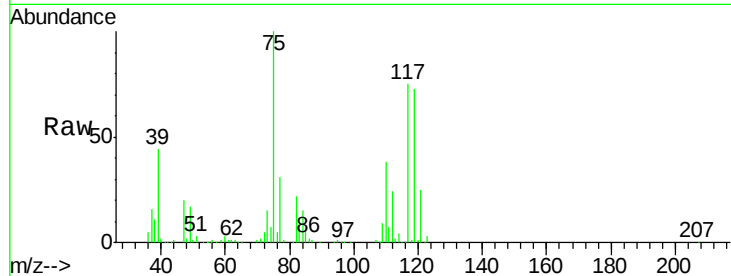
#29
 1,1-Dichloropropene
 Concen: 52.551 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.4	0.0	77.4
77	31.0	0.0	62.8

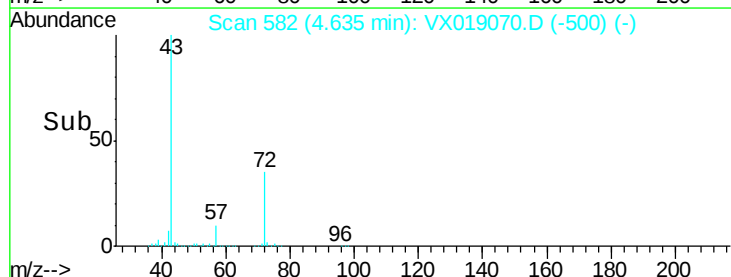
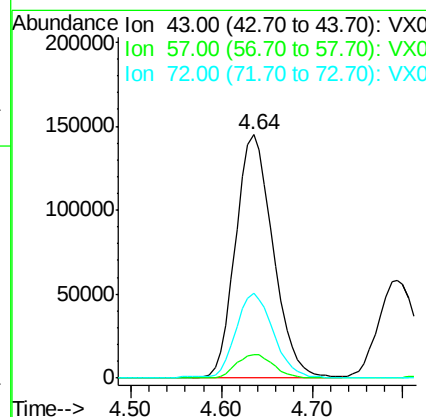
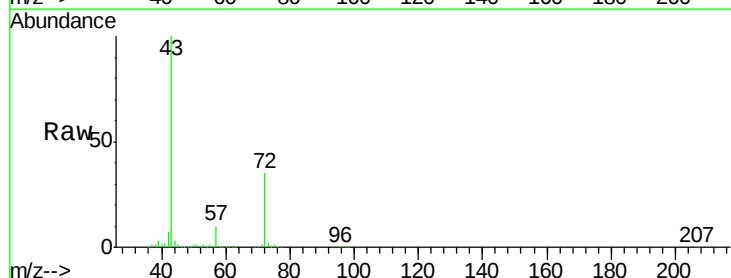
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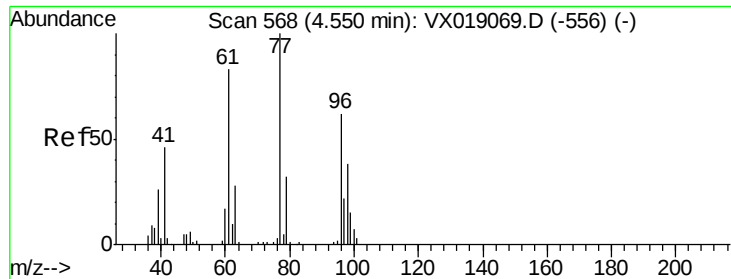
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#30
 2-Butanone
 Concen: 216.241 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.9	7.8	11.6
72	34.9	28.1	42.1





#31

2,2-Dichloropropane

Concen: 51.145 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 77 Resp: 238432

Ion Ratio Lower Upper

77 100

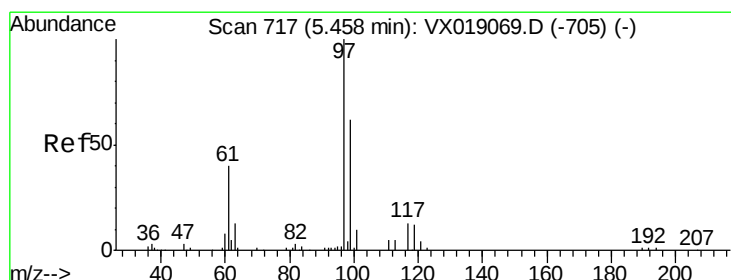
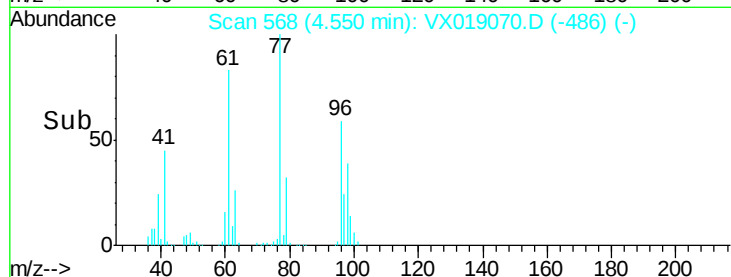
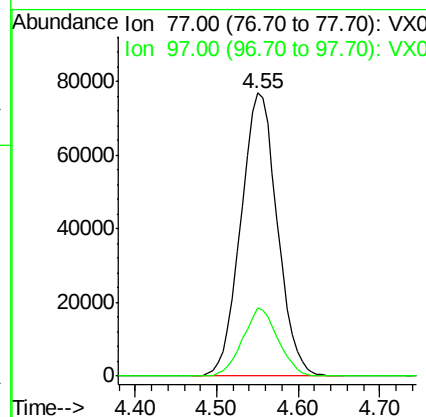
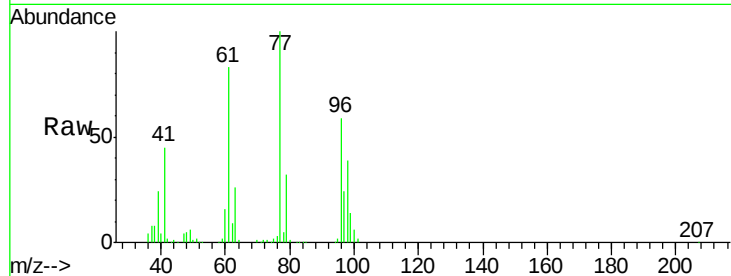
97 23.4 19.2 28.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 51.613 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

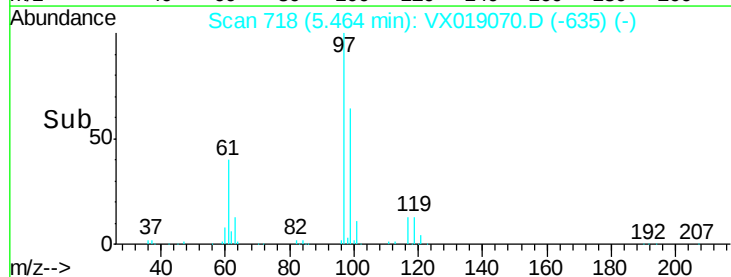
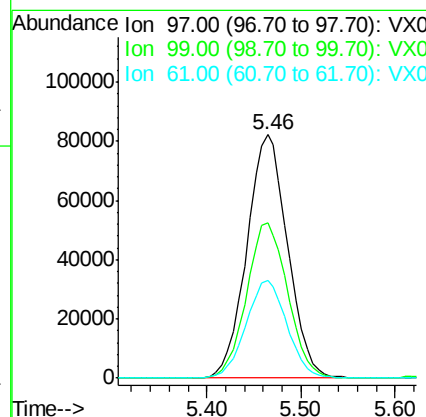
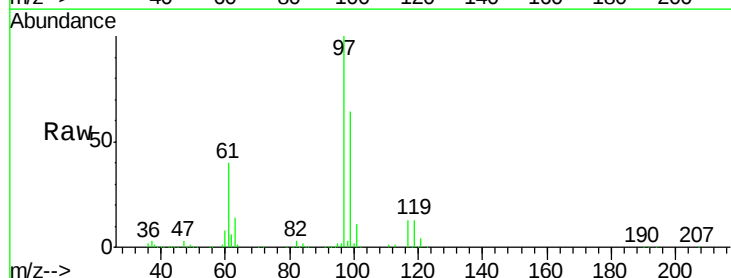
Tgt Ion: 97 Resp: 248895

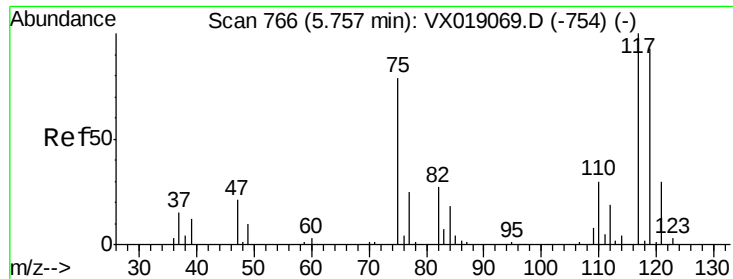
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.6

61 40.3 32.0 48.0





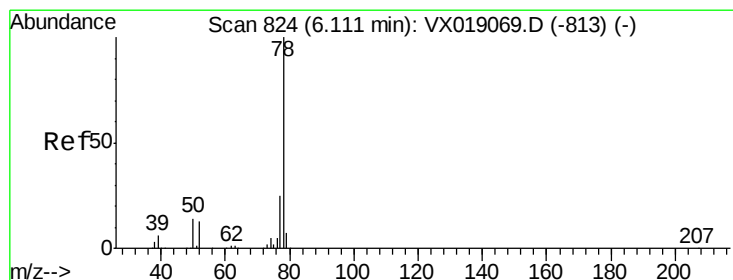
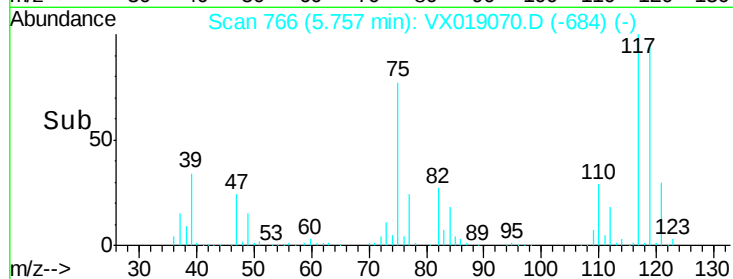
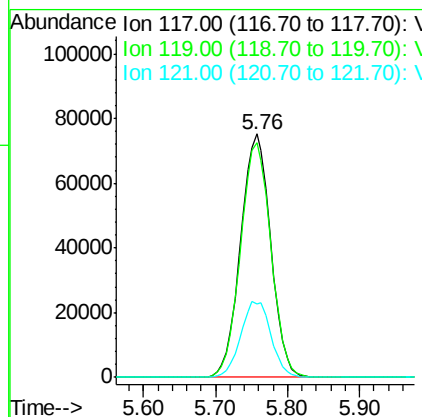
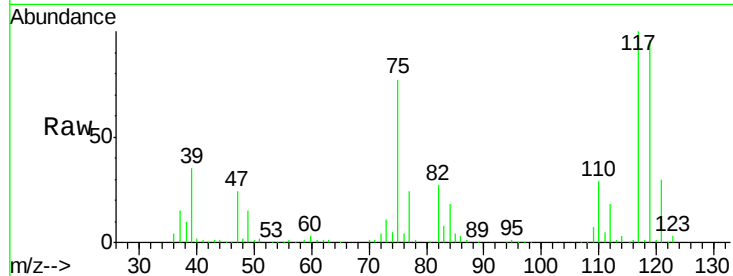
#33
Carbon Tetrachloride
Concen: 49.949 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.5	111.7
121	30.3	24.1	36.1

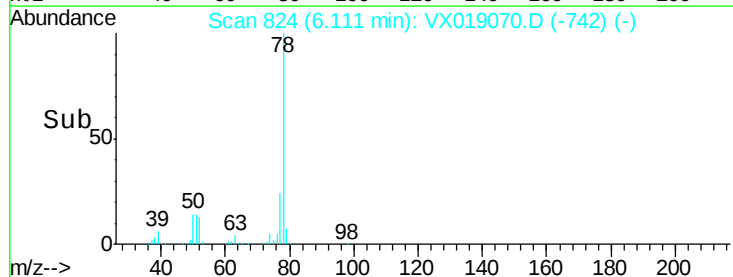
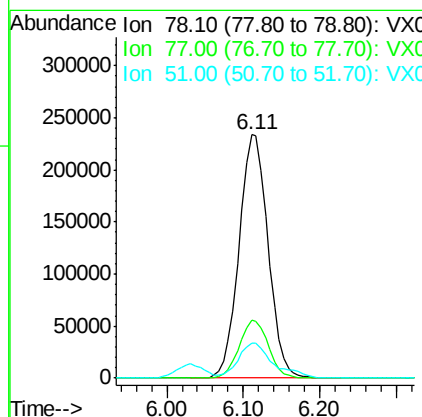
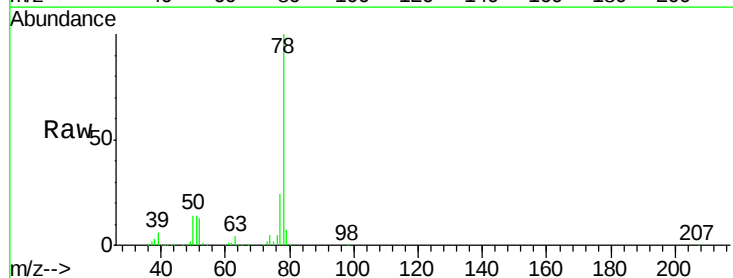
Manual Integrations
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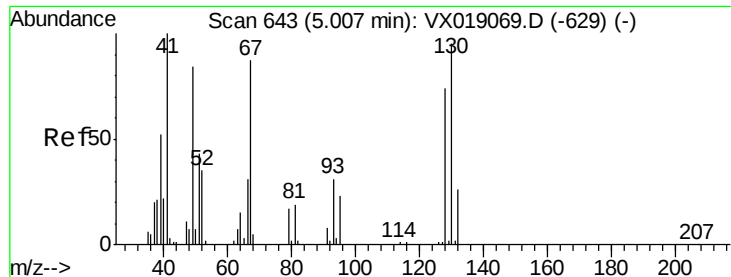
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#34
Benzene
Concen: 52.239 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	20.1	30.1
51	14.2	11.0	16.4





#35

Methacrylonitrile

Concen: 44.954 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

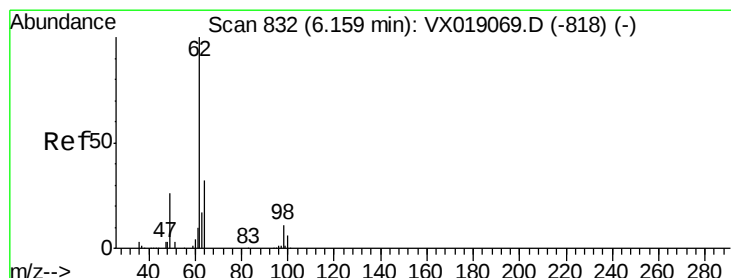
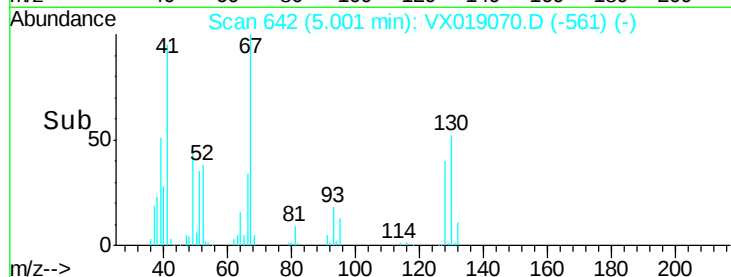
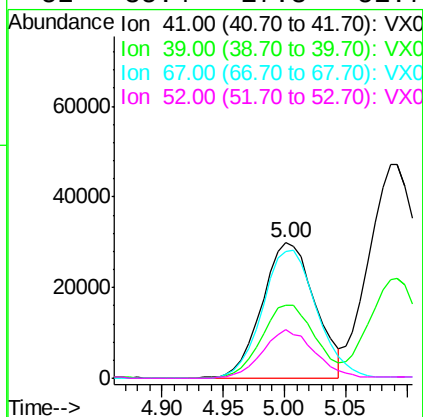
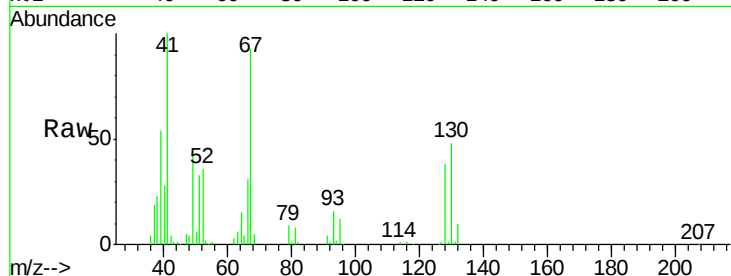
ClientSampleId :

VSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.9	25.8	77.4	
67	93.5	43.6	130.8	
52	35.4	17.3	51.7	

Manual Integrations
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#36

1,2-Dichloroethane

Concen: 54.090 ug/l

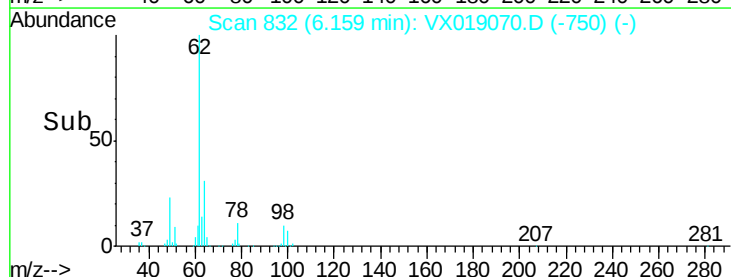
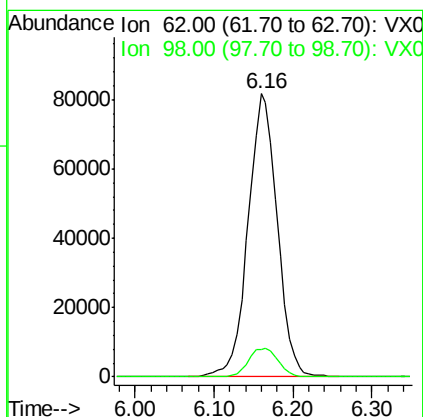
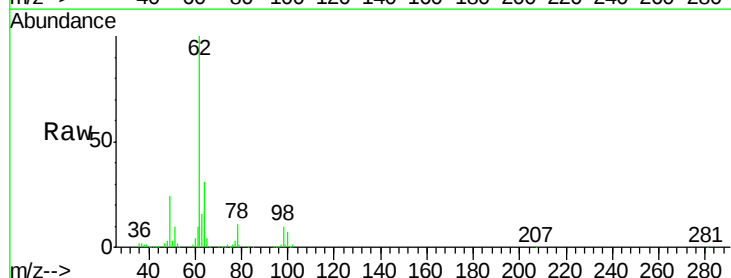
RT: 6.16 min Scan# 832

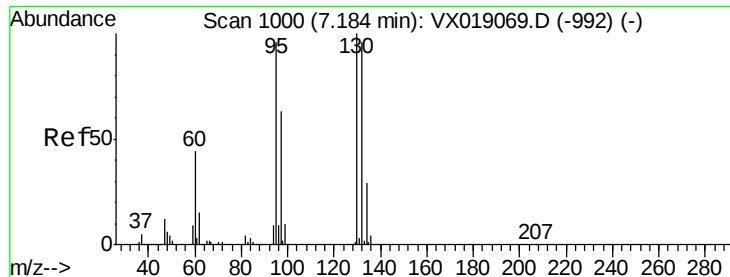
Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	8.4	12.6	





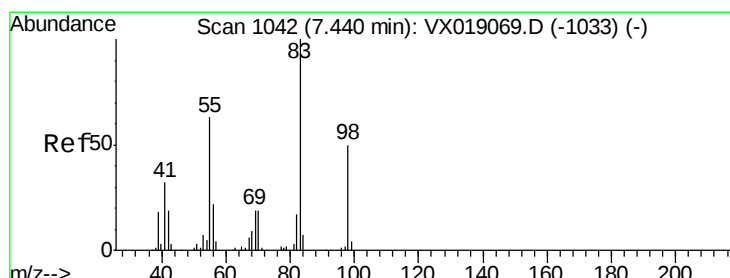
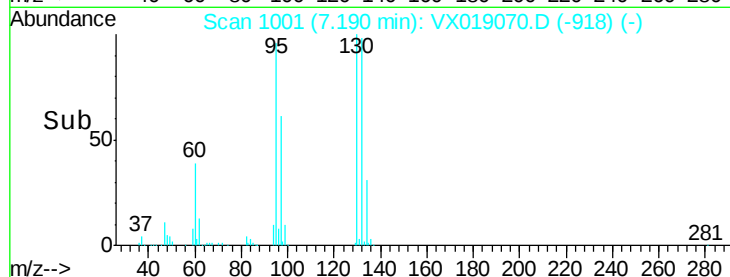
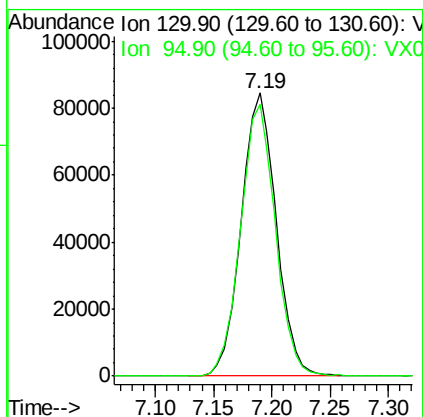
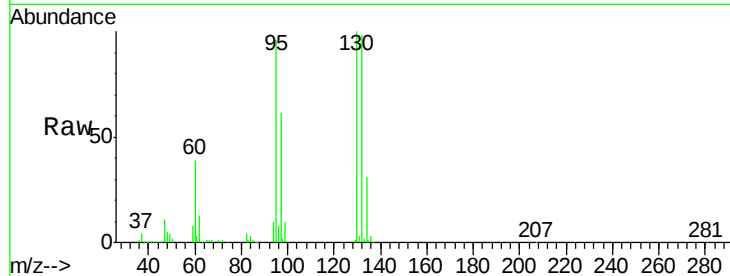
#37
 Trichloroethene
 Concen: 51.619 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion: 130 Resp: 177113
 Ion Ratio Lower Upper
 130 100
 95 96.0 76.8 115.2

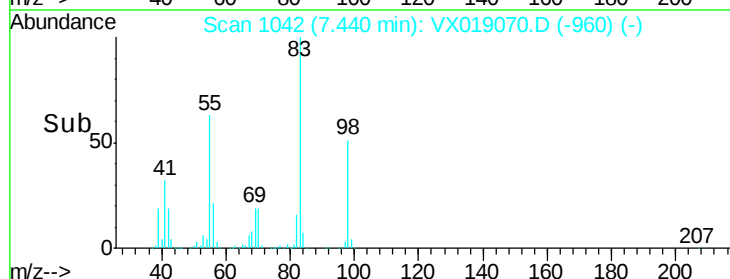
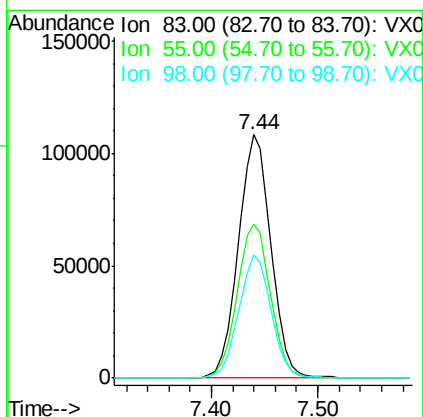
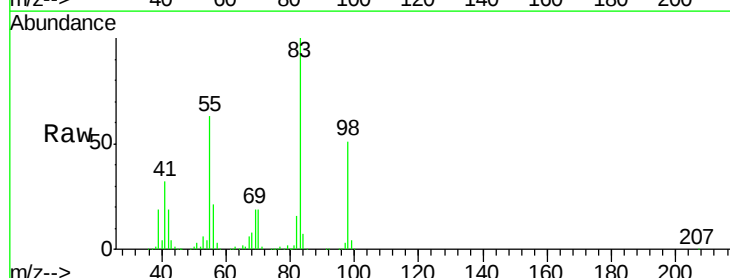
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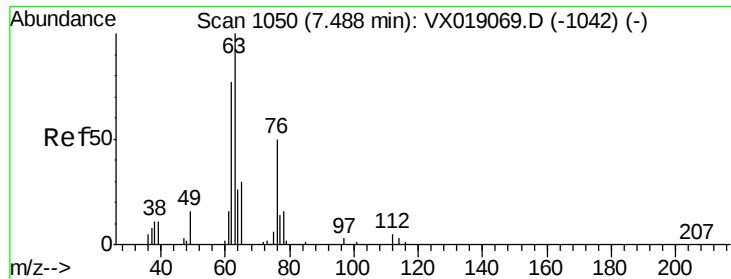
MMDadoda
 10/26/2020 11:20:43 AM



#38
 Methylcyclohexane
 Concen: 51.663 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion: 83 Resp: 233234
 Ion Ratio Lower Upper
 83 100
 55 64.5 32.3 96.8
 98 50.7 25.7 77.1





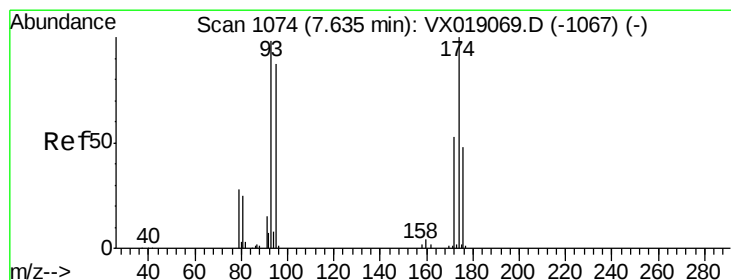
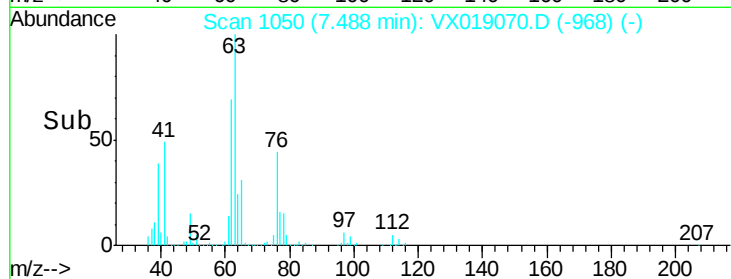
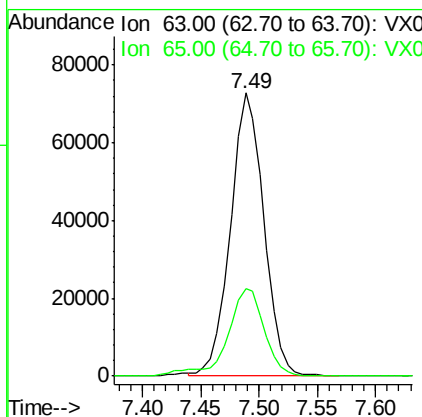
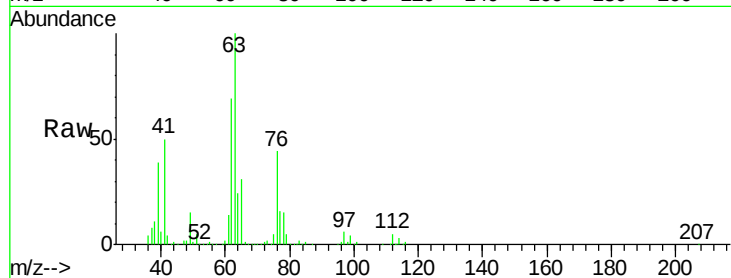
#39
 1,2-Dichloropropane
 Concen: 50.685 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	63	Resp	144320
Ion Ratio	Lower	Upper	
63	100		
65	30.7	25.8	38.8

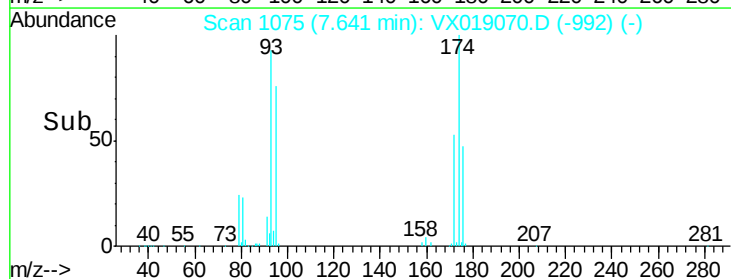
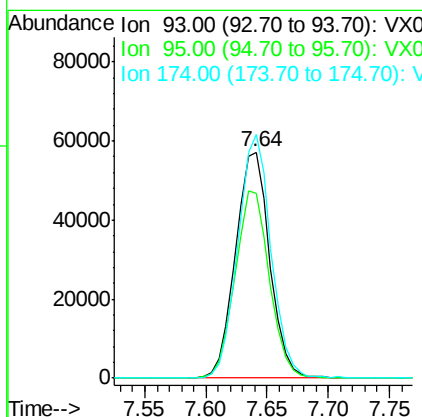
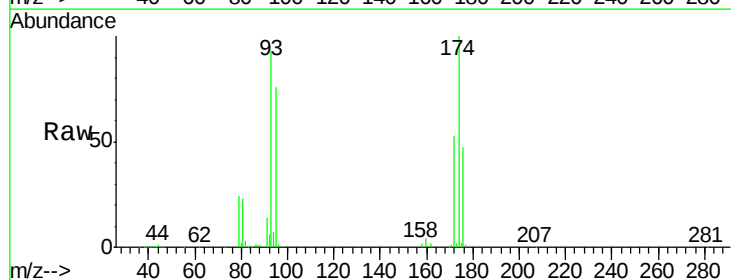
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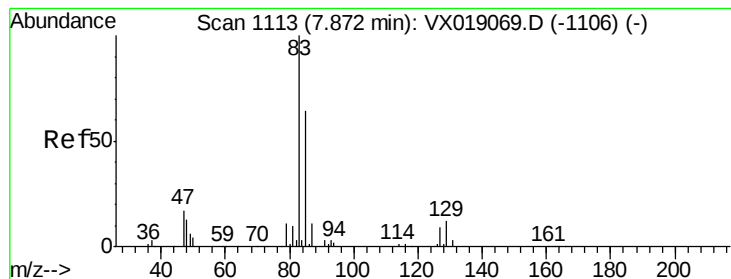
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#40
 Dibromomethane
 Concen: 52.596 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	93	Resp	110922
Ion Ratio	Lower	Upper	
93	100		
95	83.0	0.0	169.0
174	104.3	0.0	205.4





#41

Bromodichloromethane

Concen: 52.129 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

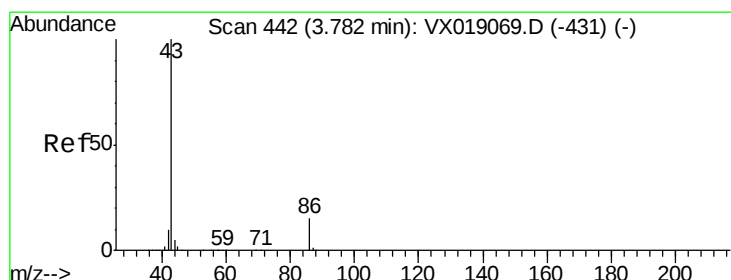
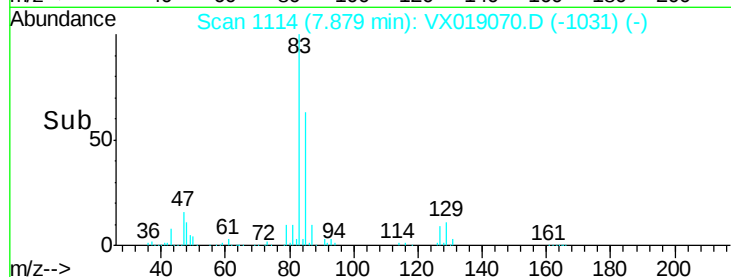
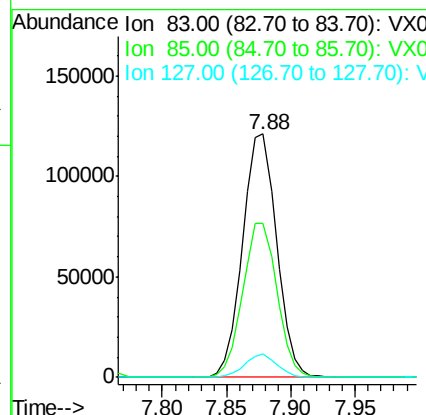
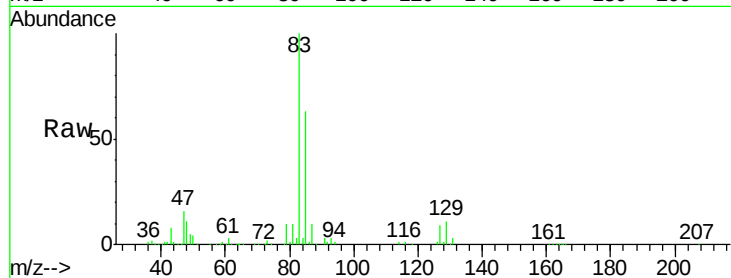
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	222278
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.2	76.8
127	9.4	7.1	10.7

Manual Integrations
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#42

Vinyl Acetate

Concen: 232.927 ug/l

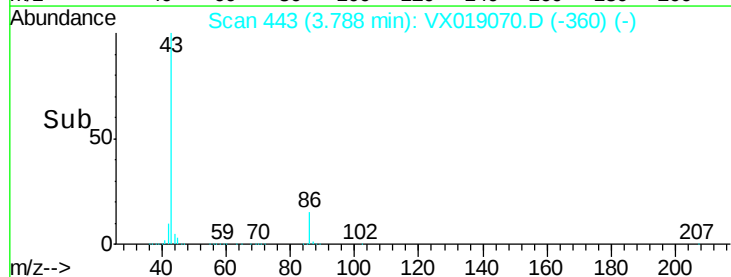
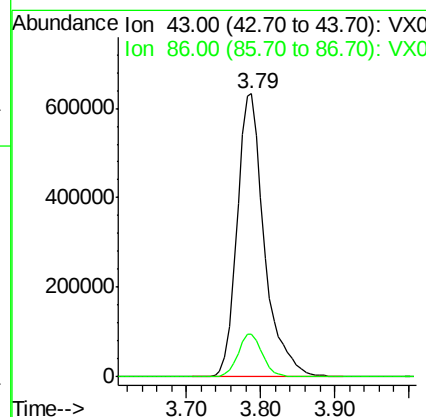
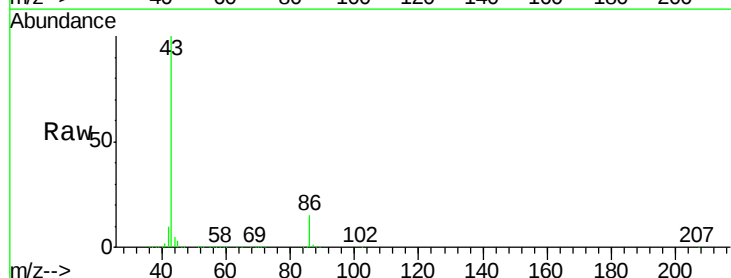
RT: 3.79 min Scan# 443

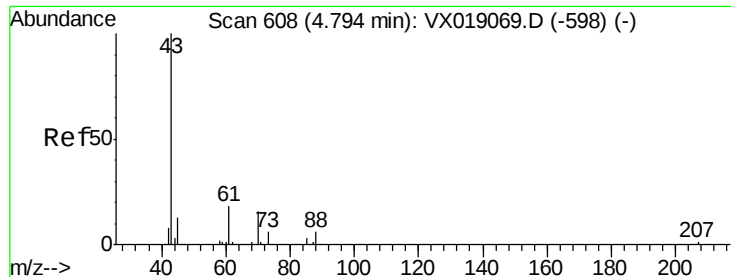
Delta R.T. 0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Tgt Ion:	43	Resp:	1621163
Ion Ratio	Lower	Upper	
43	100		
86	13.6	10.6	15.8





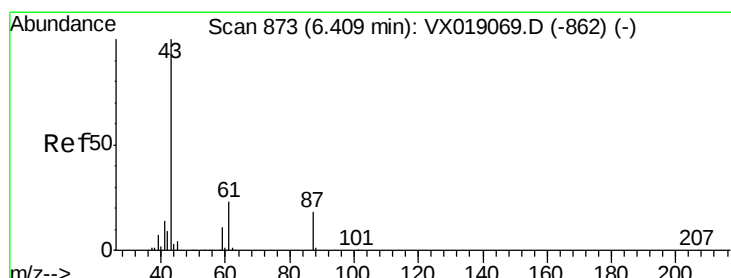
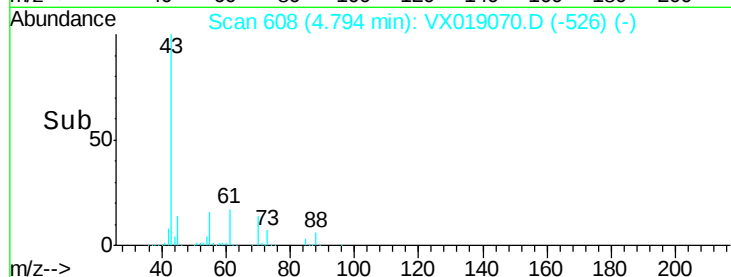
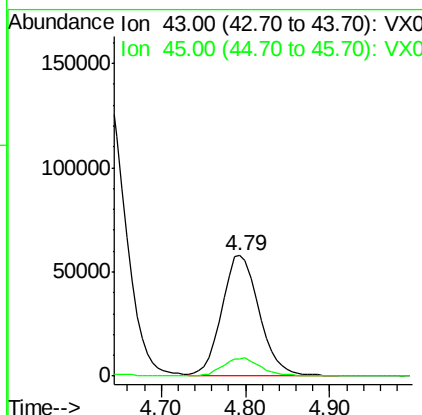
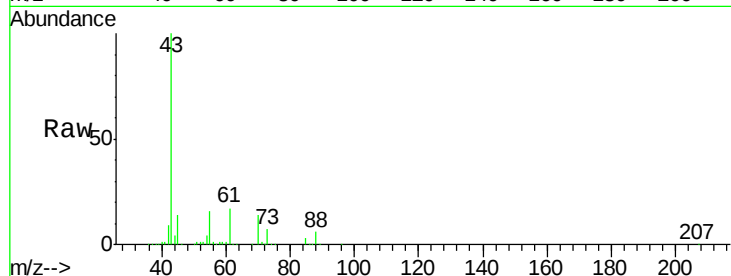
#43
Ethyl Acetate
Concen: 43.849 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

Tot Ion: 43 Resp: 175027
Ion Ratio Lower Upper
43 100
45 15.1 12.7 19.1

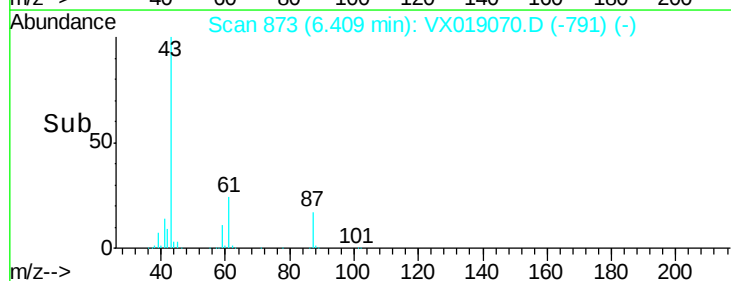
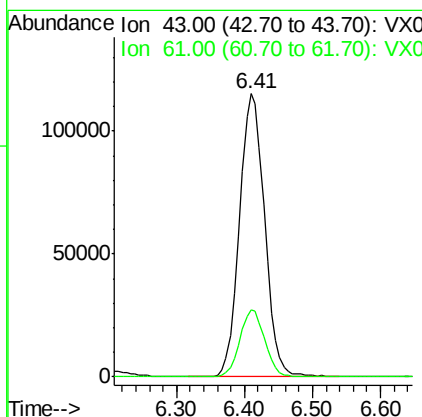
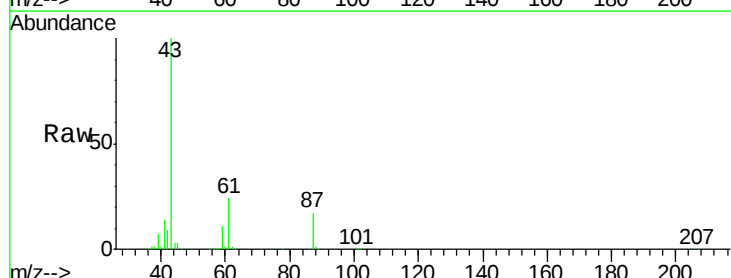
Manual Integrations
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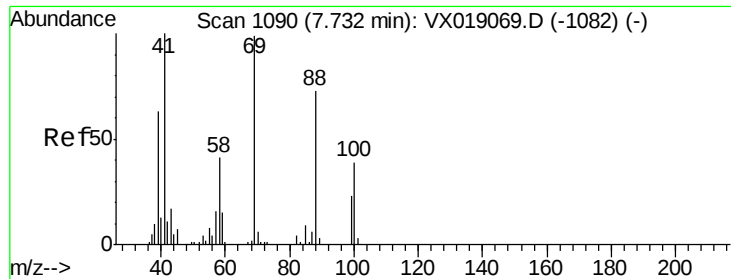
MMDadoda
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#44
Isopropyl Acetate
Concen: 46.005 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 43 Resp: 295106
Ion Ratio Lower Upper
43 100
61 23.5 19.1 28.7





#45

1,4-Dioxane

Concen: 886.566 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

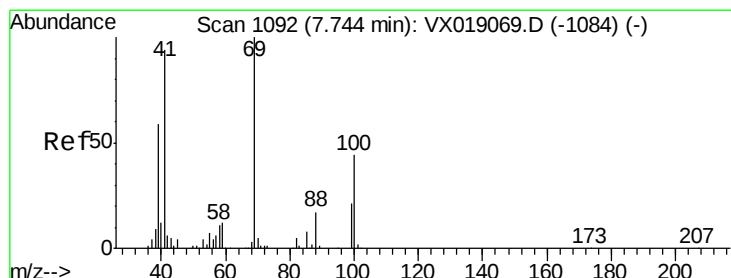
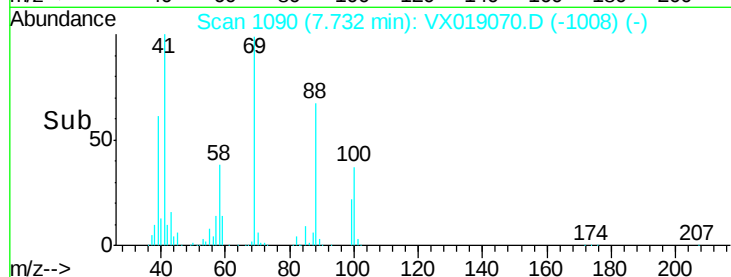
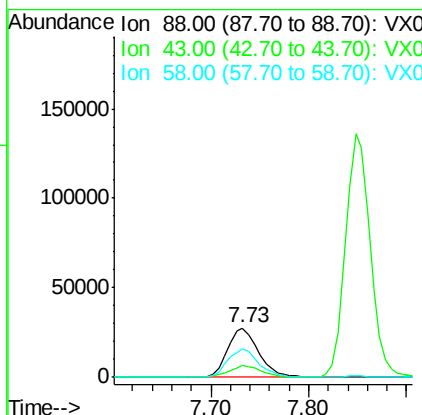
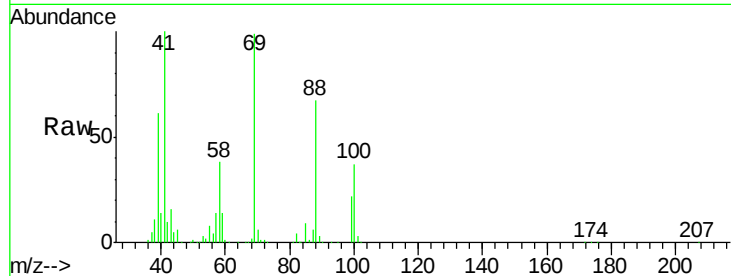
ClientSampleId :

VSTDIC050

Tot Ion:	88	Resp:	60281
Ion	Ratio	Lower	Upper
88	100		
43	25.2	20.5	30.7
58	58.6	47.4	71.2

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#46

Methyl methacrylate

Concen: 46.950 ug/l

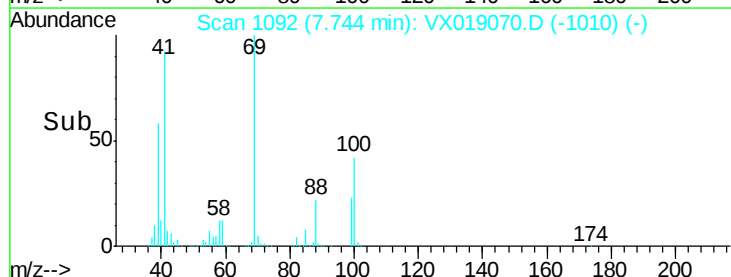
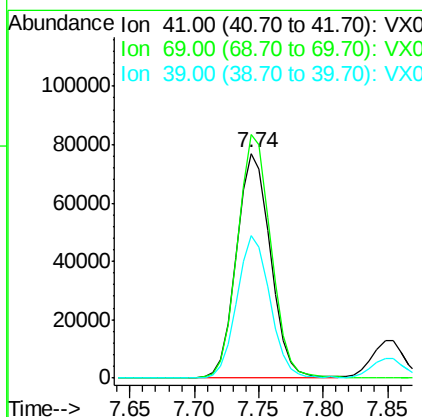
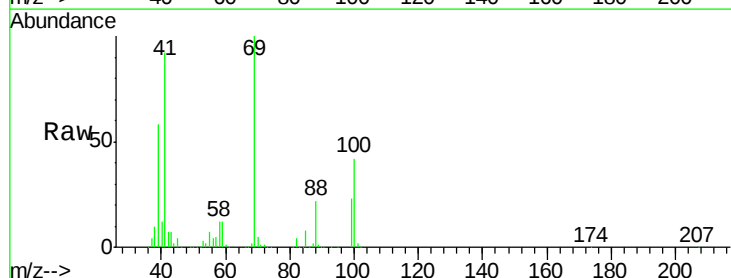
RT: 7.74 min Scan# 1092

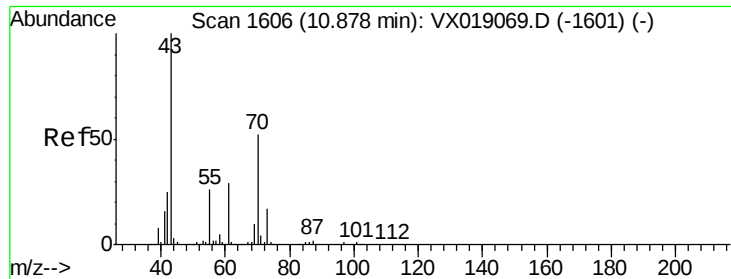
Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Tgt Ion:	41	Resp:	140516
Ion	Ratio	Lower	Upper
41	100		
69	108.3	53.1	159.4
39	63.1	31.3	93.9





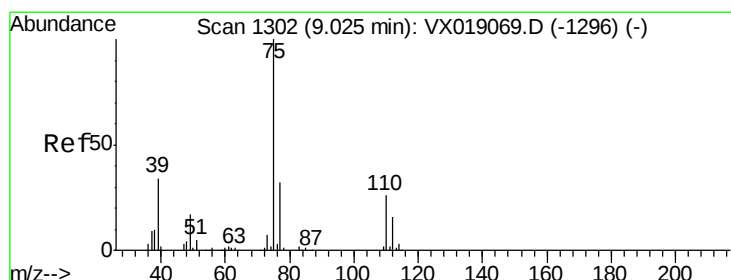
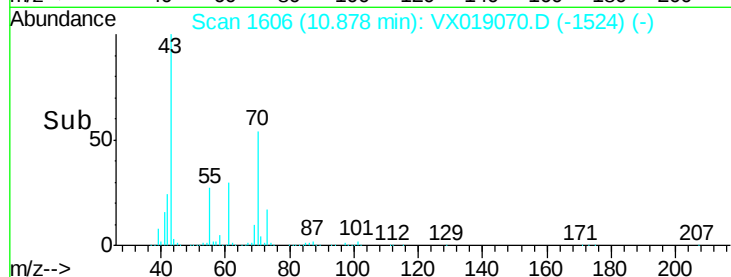
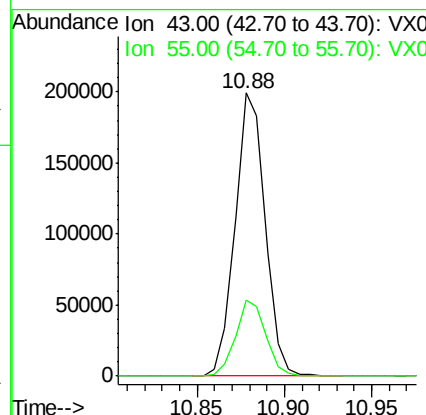
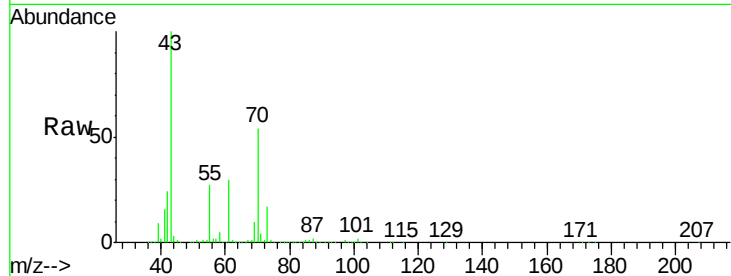
#47
n-amvl Acetate
Concen: 45.100 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 43 Resp: 237458
Ion Ratio Lower Upper
43 100
55 27.2 21.5 32.3

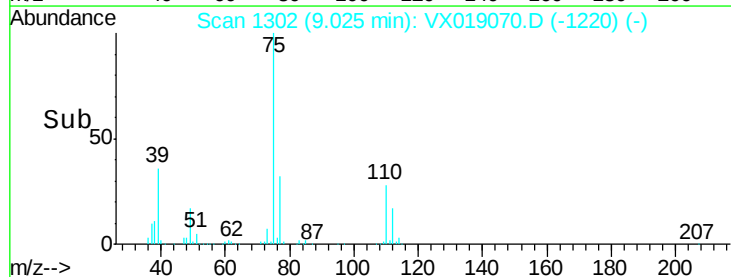
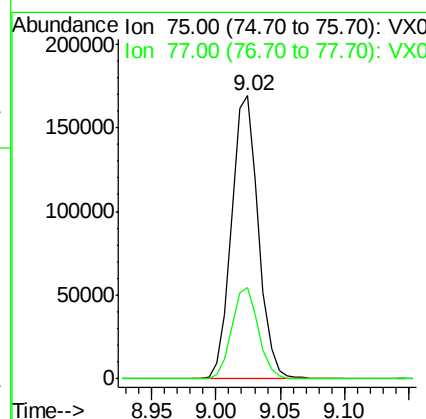
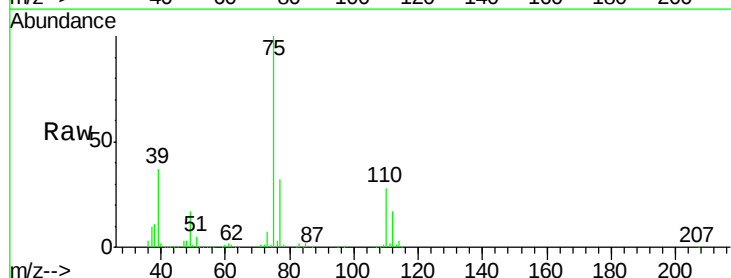
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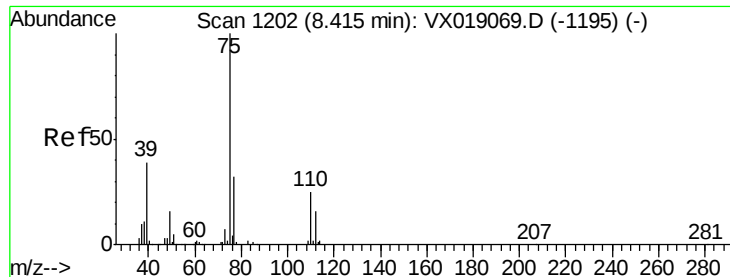
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#48
t-1,3-Dichloropropene
Concen: 51.169 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 75 Resp: 247752
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9





#49

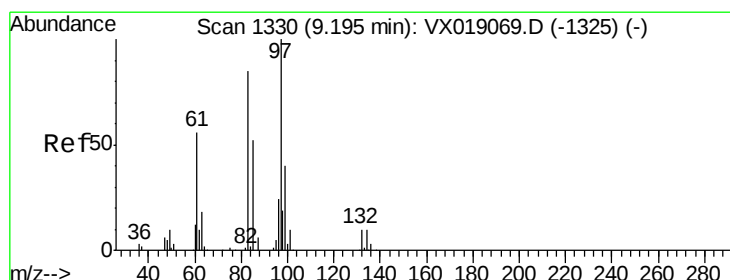
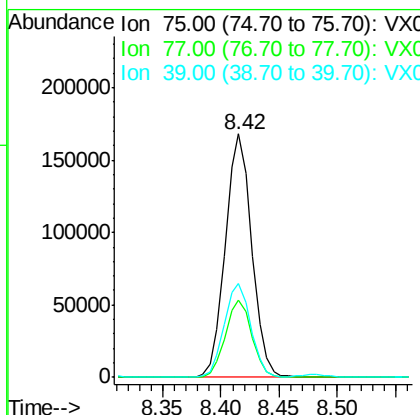
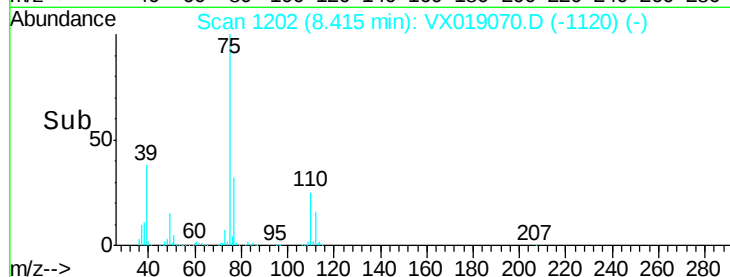
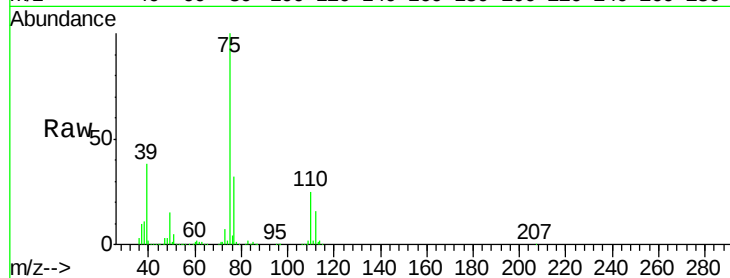
cis-1,3-Dichloropropene
 Concen: 51.365 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:	75	Resp:	264564
Ion Ratio	Lower	Upper	
75	100		
77	31.8	25.8	38.8
39	38.3	31.0	46.6

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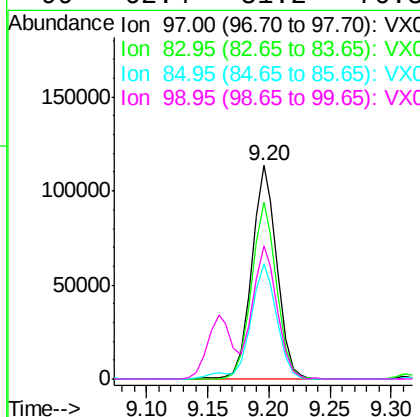
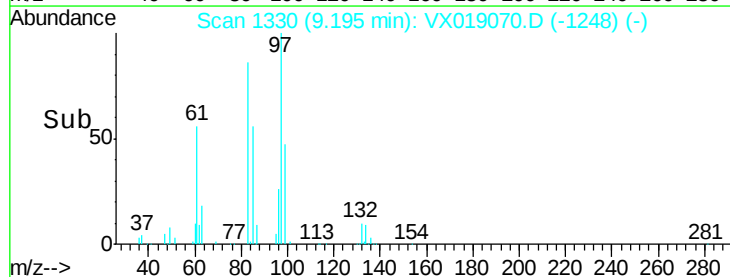
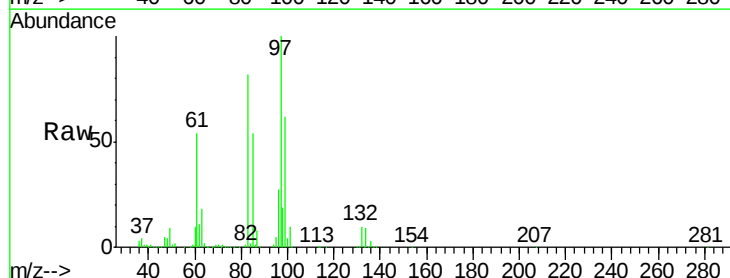
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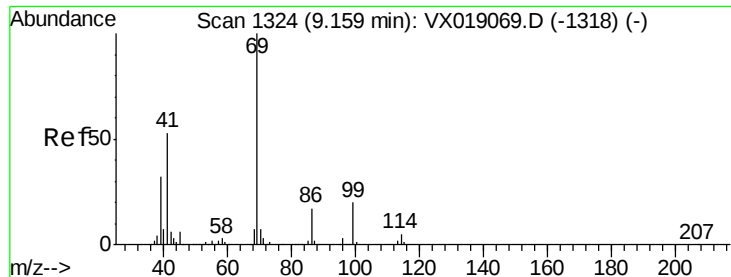


#50

1,1,2-Trichloroethane
 Concen: 54.159 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion:	97	Resp:	162795
Ion Ratio	Lower	Upper	
97	100		
83	82.4	67.8	101.6
85	53.9	43.5	65.3
99	62.4	51.2	76.8





#51

Ethyl methacrylate

Concen: 51.397 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

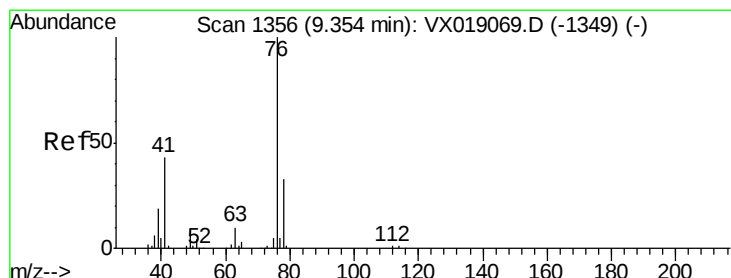
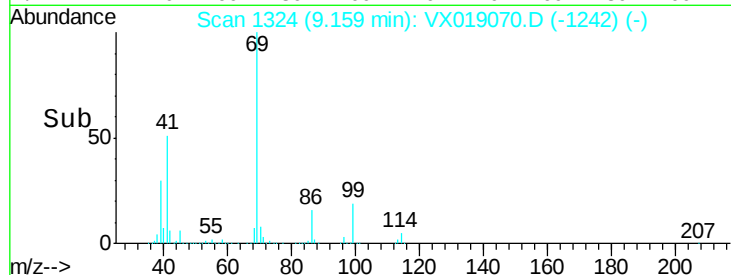
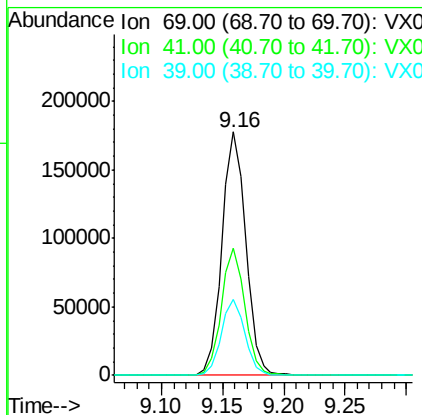
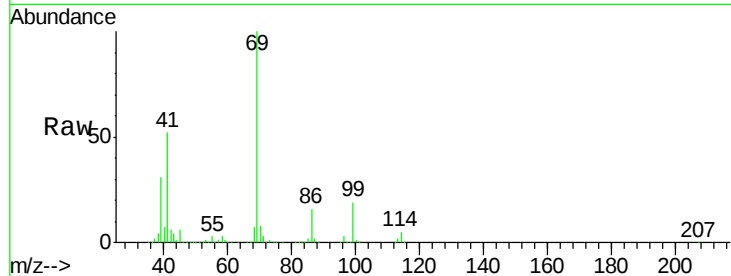
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	241046
Ion	Ratio	Lower	Upper
69	100		
41	52.0	26.5	79.4
39	30.9	16.2	48.6

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#52

1,3-Dichloropropane

Concen: 52.908 ug/l

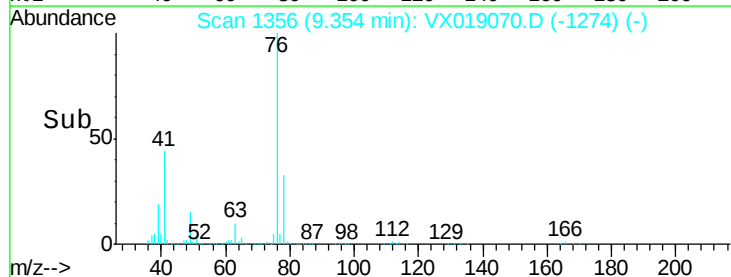
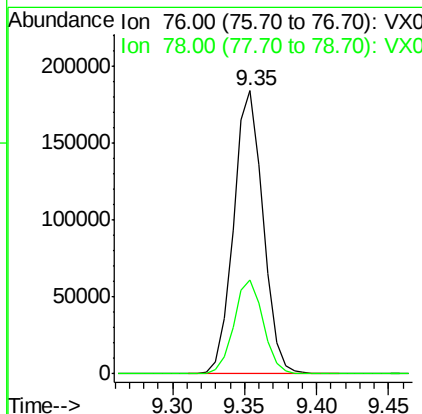
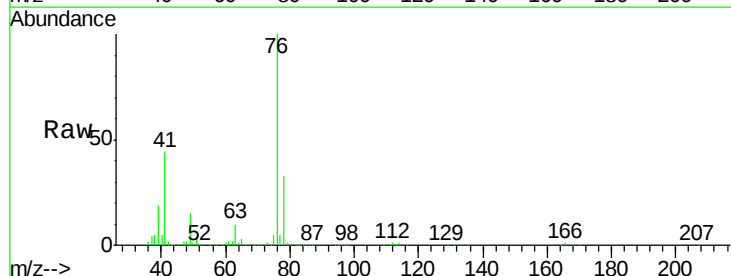
RT: 9.35 min Scan# 1356

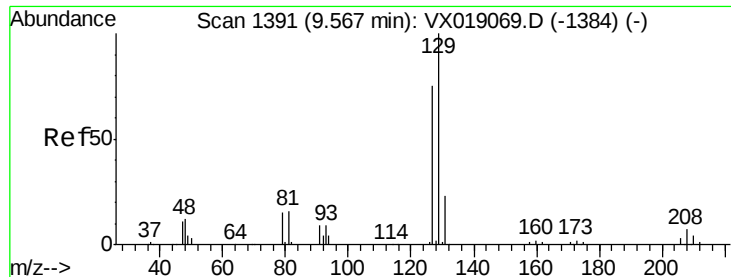
Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Tgt Ion:	76	Resp:	263180
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	65.2





#53

Dibromochloromethane

Concen: 51.988 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:129 Resp: 182298

Ion Ratio Lower Upper

129 100

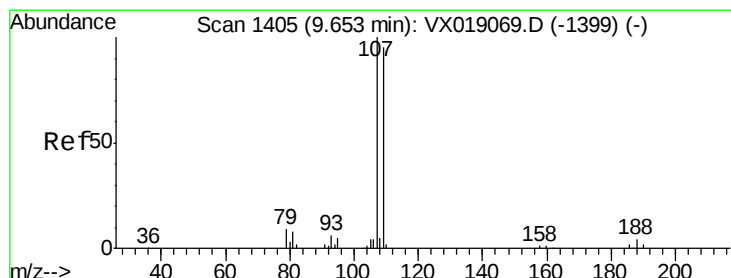
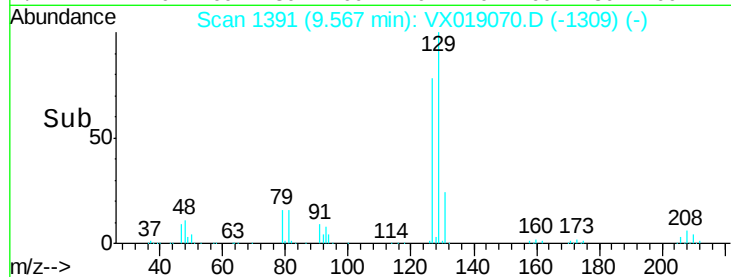
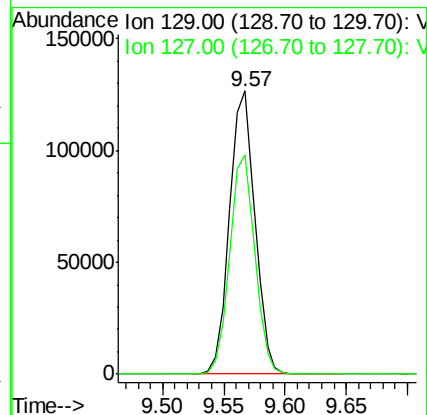
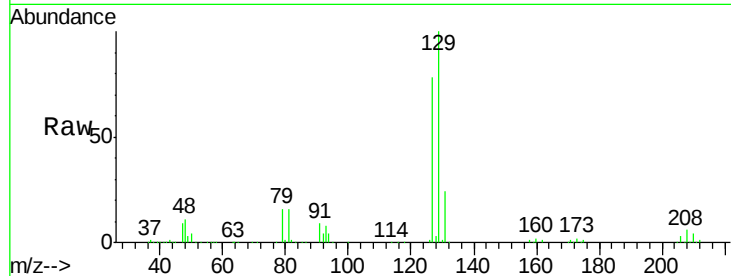
127 76.4 38.4 115.1

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#54

1,2-Dibromoethane

Concen: 53.064 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019070.D

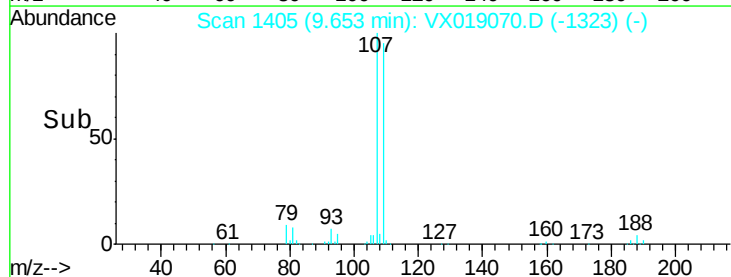
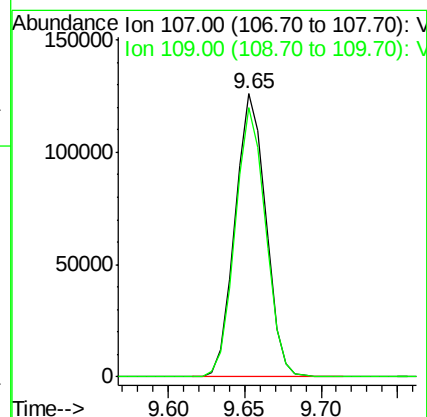
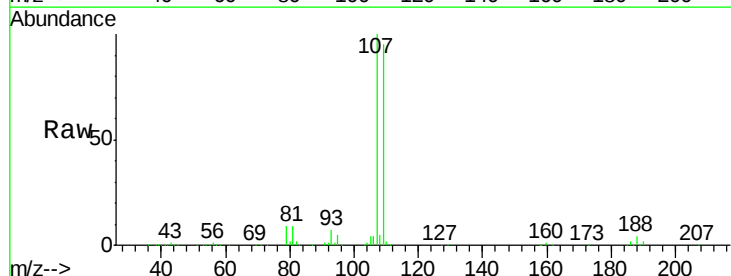
Acq: 23 Oct 2020 10:38

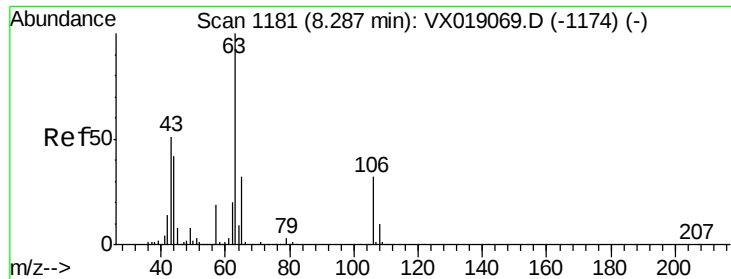
Tgt Ion:107 Resp: 175357

Ion Ratio Lower Upper

107 100

109 94.4 74.6 112.0





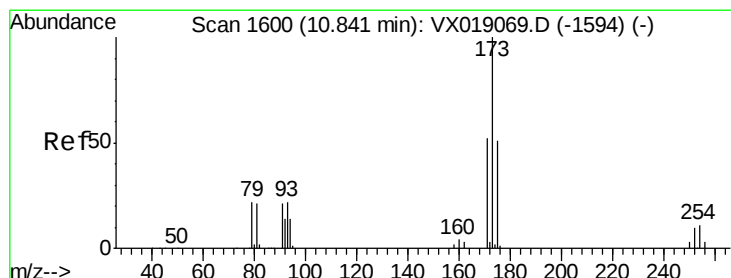
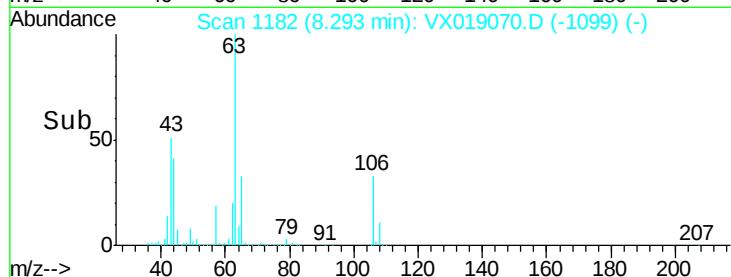
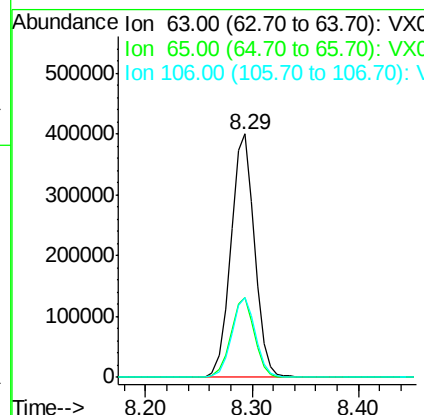
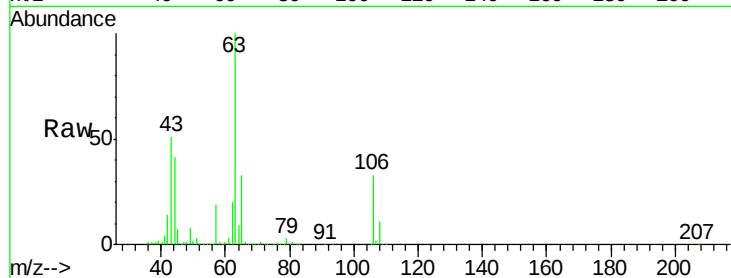
#55
2-Chloroethyl vinyl ether
Concen: 245.942 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	26.0	39.0
106	32.6	25.9	38.9

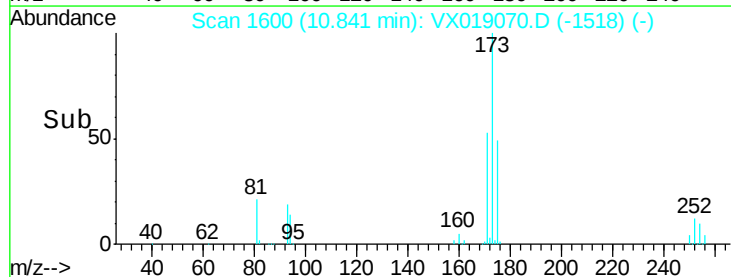
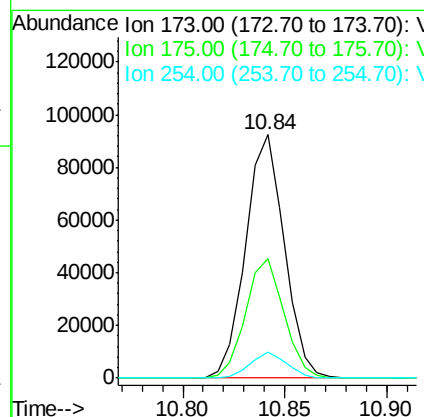
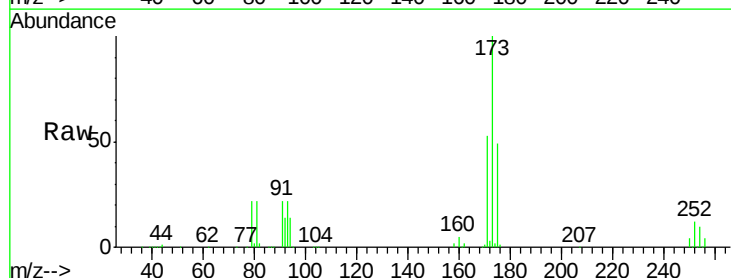
Manual Integrations
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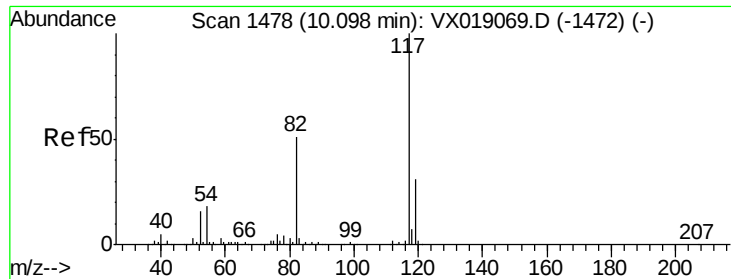
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#56
Bromoform
Concen: 45.411 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.6	59.4
254	10.3	8.6	13.0





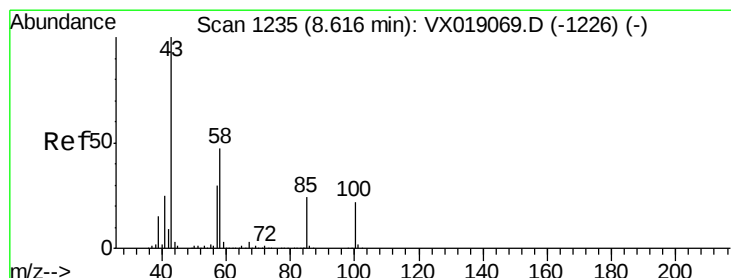
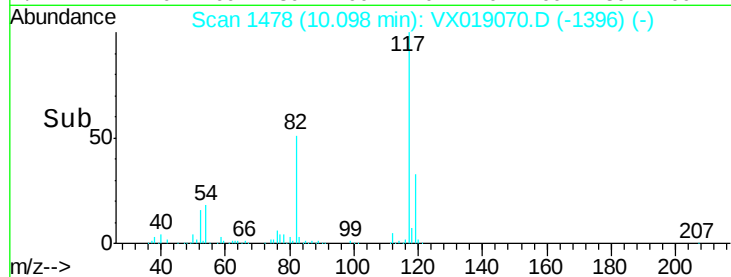
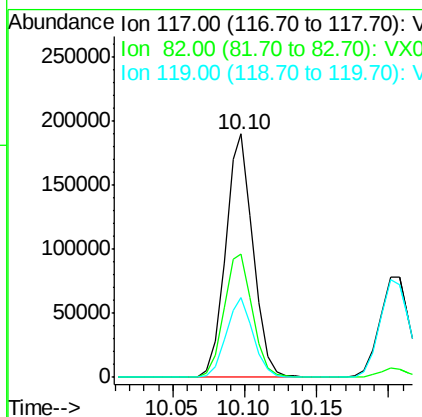
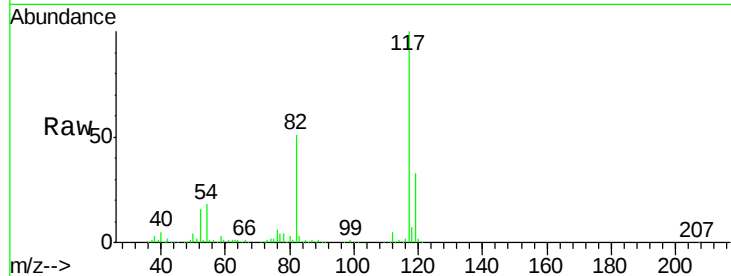
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	253397		
82	52.7	42.5	63.7	
119	32.4	25.6	38.4	

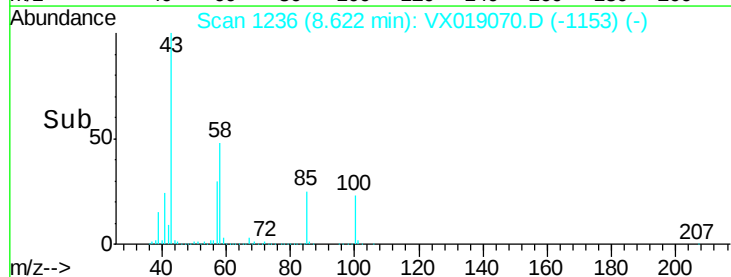
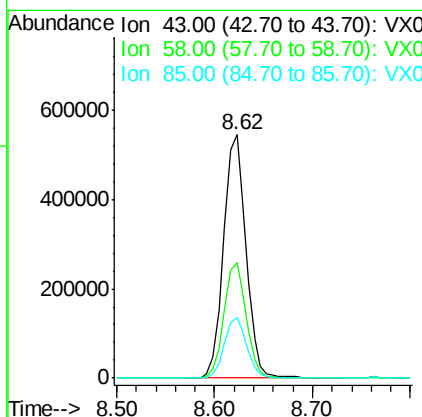
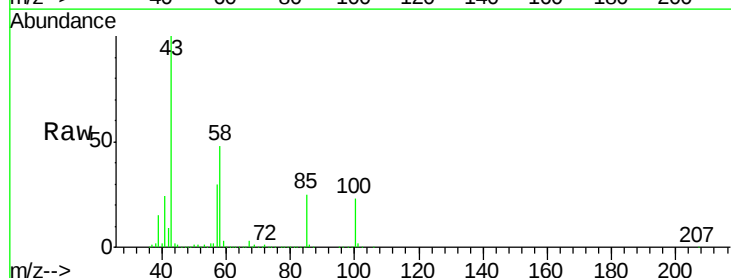
Manual Integrations
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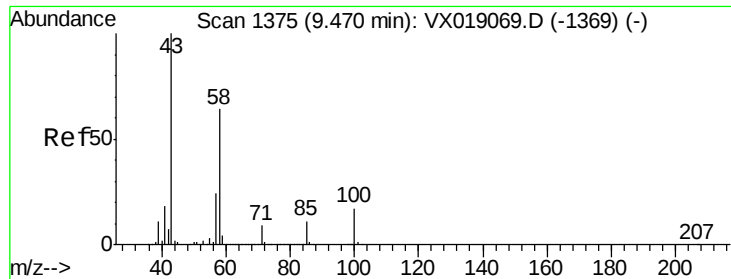
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#58
4-Methyl-2-Pentanone
Concen: 223.004 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	867264		
58	47.0	37.6	56.4	
85	24.7	19.4	29.2	





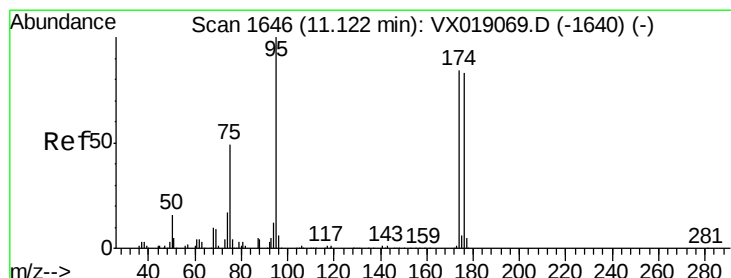
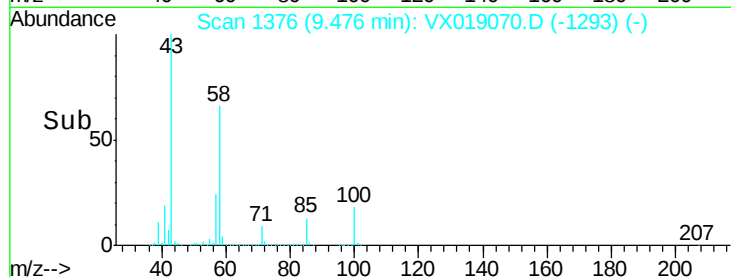
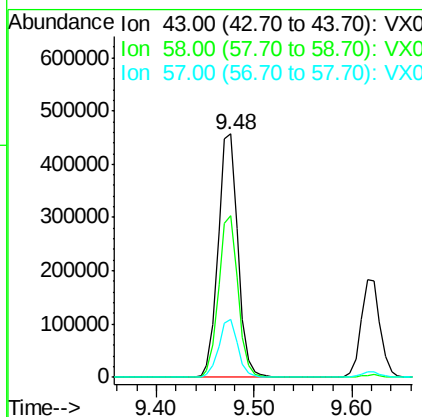
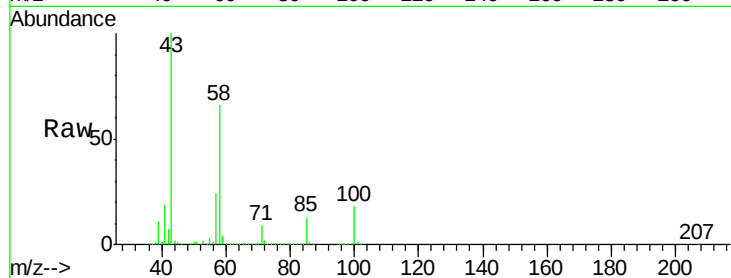
#59
2-Hexanone
Concen: 215.889 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.5	51.9	77.9
57	22.9	18.2	27.4

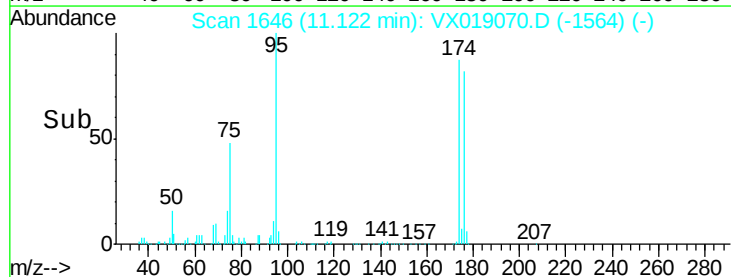
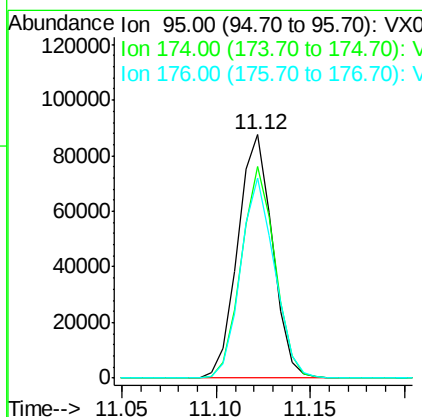
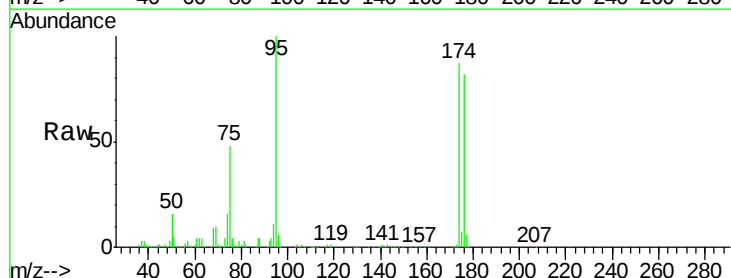
Manual Integrations
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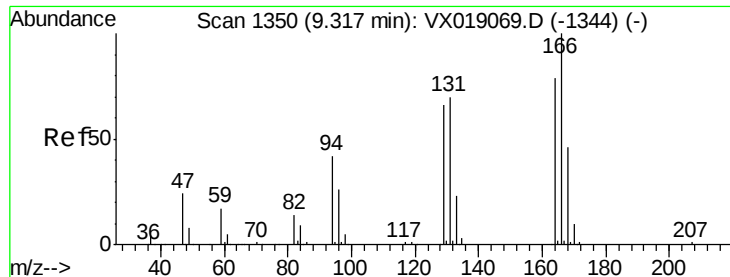
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 28.639 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	66.3	99.5
176	80.6	65.5	98.3





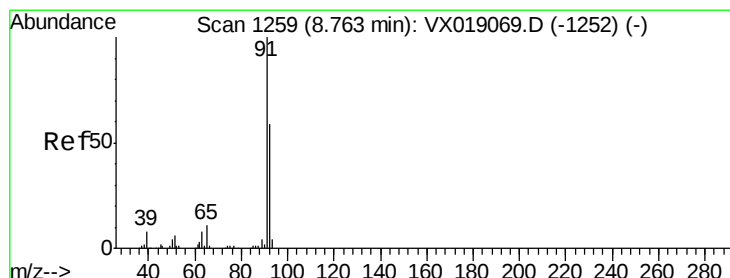
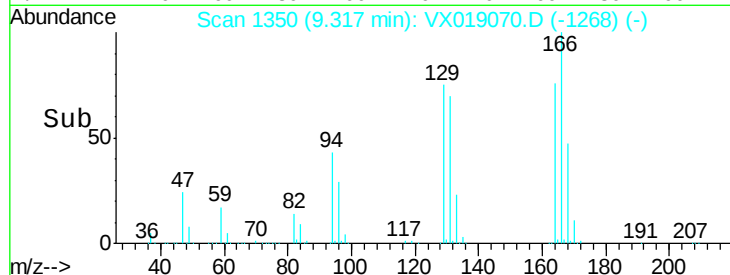
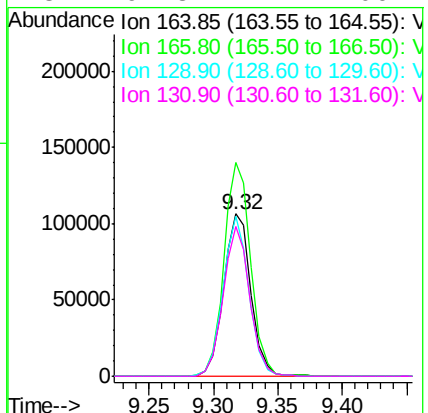
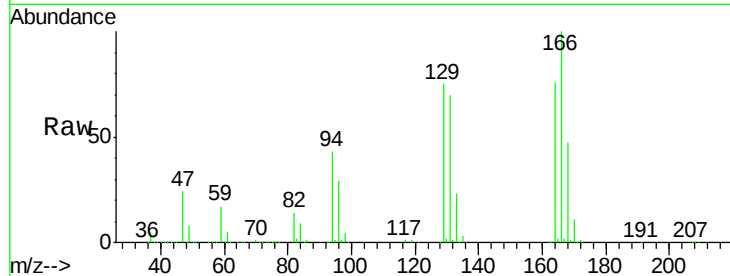
#61
Tetrachloroethene
Concen: 51.250 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.7	101.9	152.9
129	98.3	67.0	100.6
131	92.3	71.1	106.7

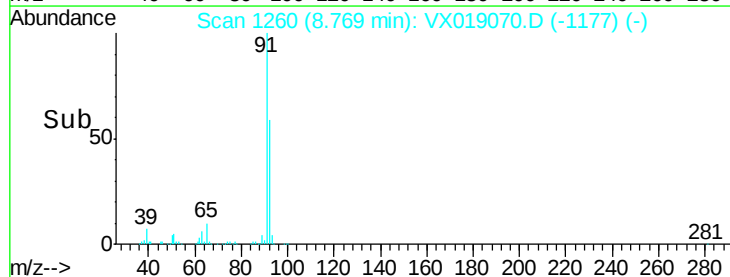
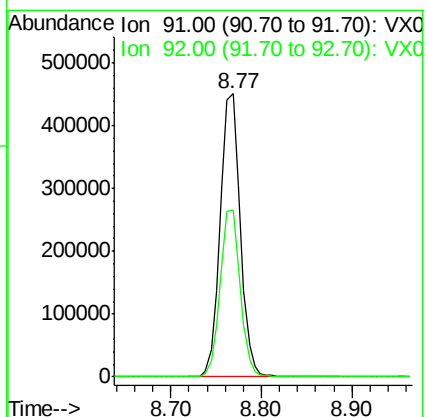
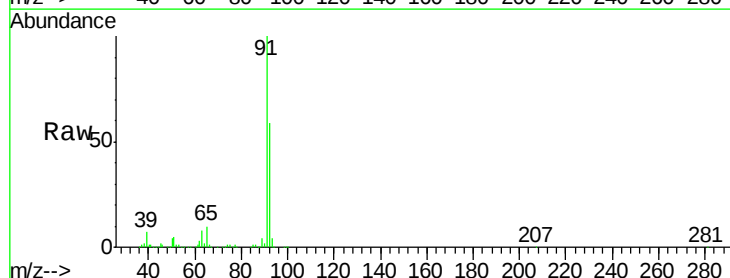
Manual Integrations
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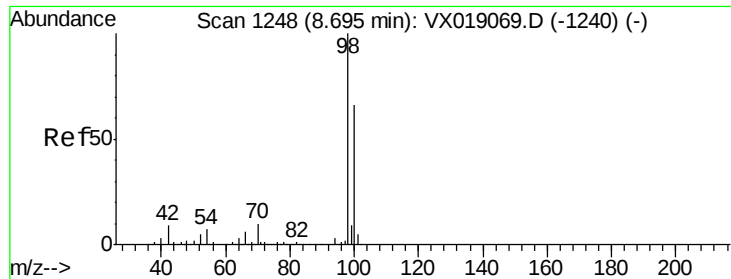
MMDadoda
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#62
Toluene
Concen: 52.161 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.3	70.9





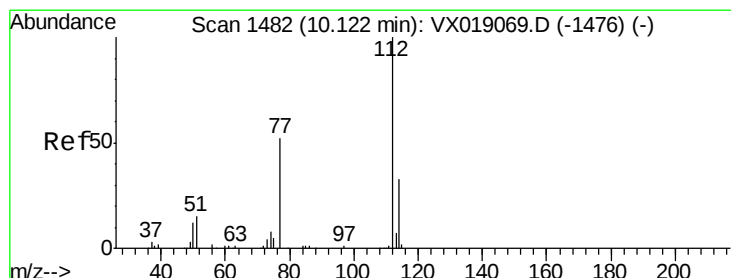
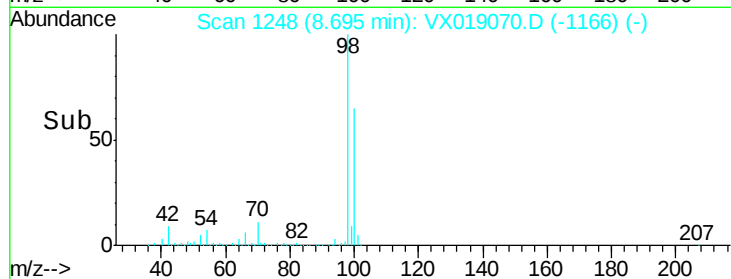
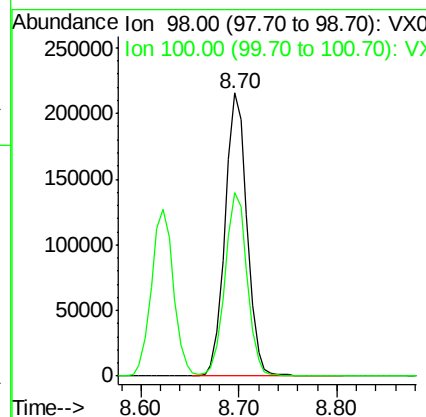
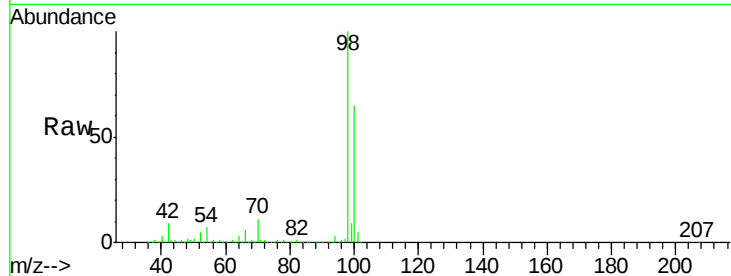
#63
Toluene-d8
Concen: 30.003 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 98 Resp: 335555
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4

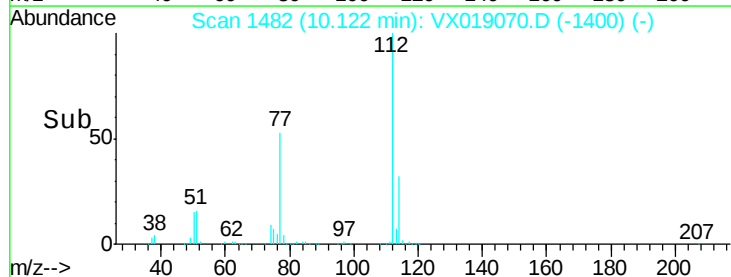
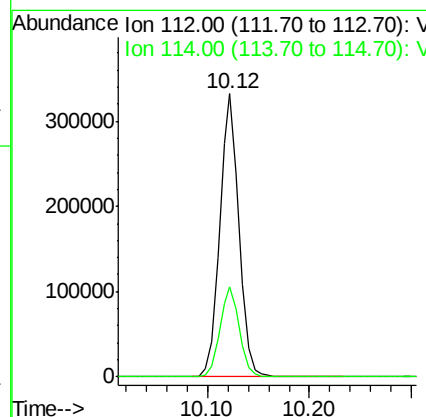
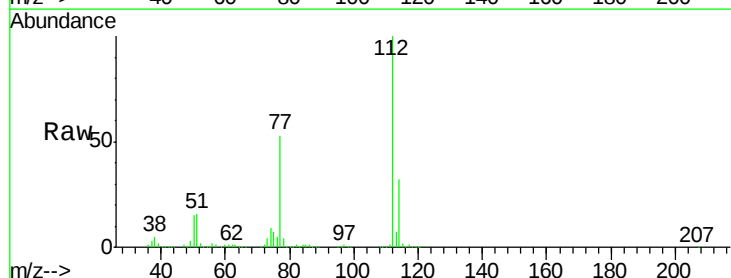
Manual Integrations
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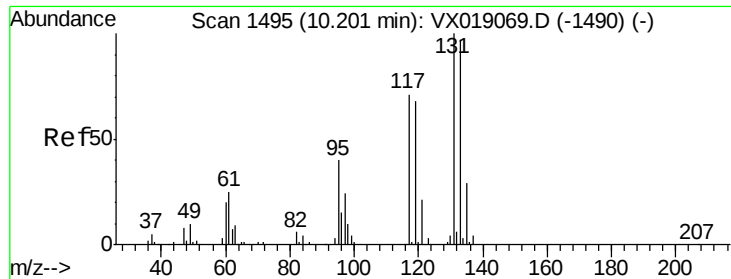
MMDadoda
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#64
Chlorobenzene
Concen: 51.975 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 112 Resp: 438049
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2





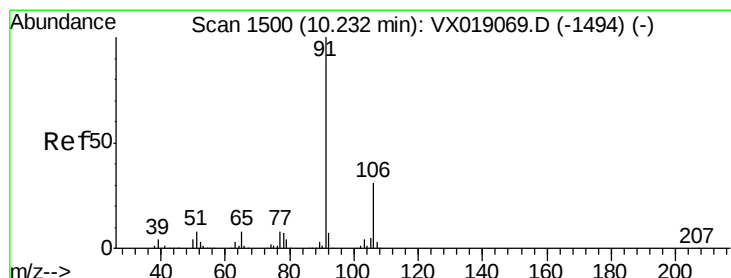
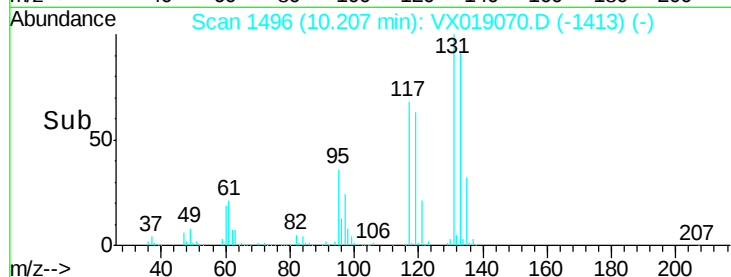
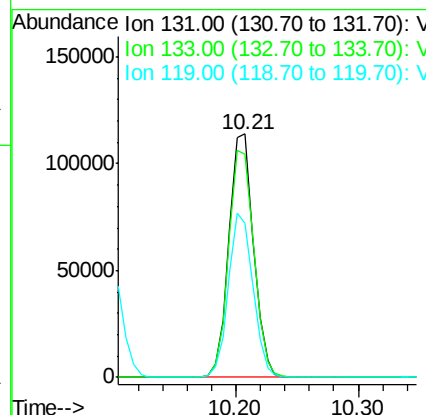
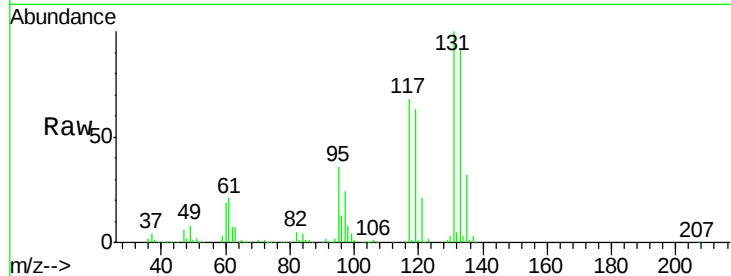
#65
 1,1,1,2-Tetrachloroethane
 Concen: 49.142 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
131	100	159232		
133	95.3	0.0	191.6	
119	66.9	0.0	130.0	

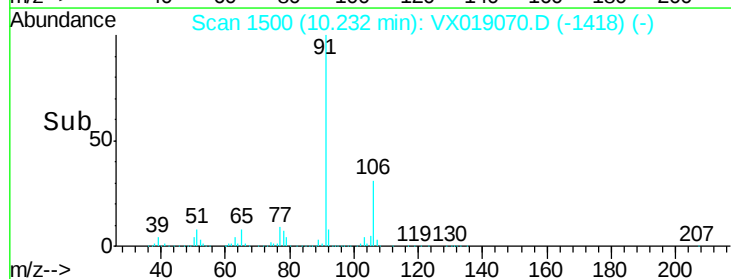
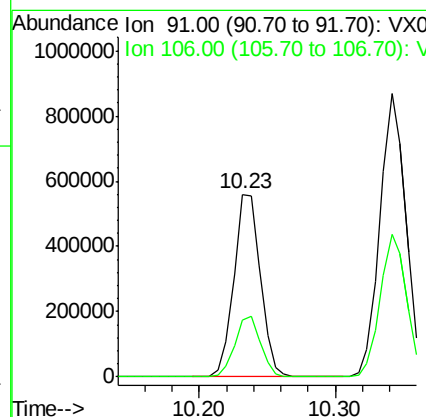
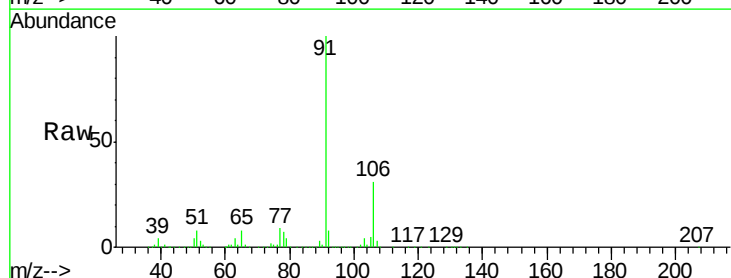
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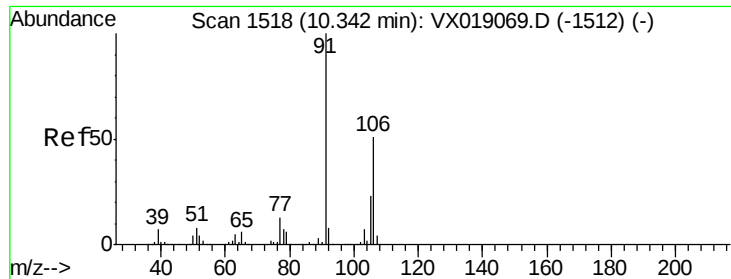
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#66
 Ethyl Benzene
 Concen: 51.661 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	761430		
106	31.2	24.7	37.1	





#67

m/p-Xylenes

Concen: 102.323 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

Tot Ion:106 Resp: 588731

Ion Ratio Lower Upper

106 100

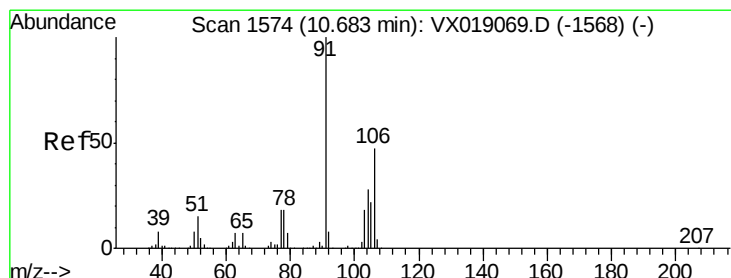
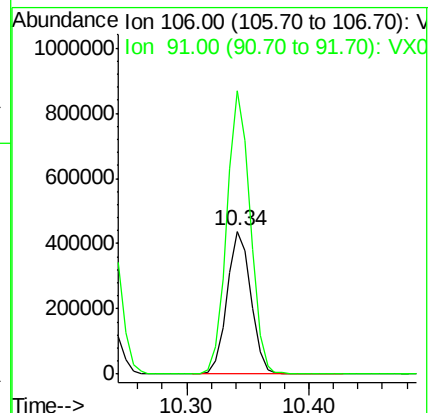
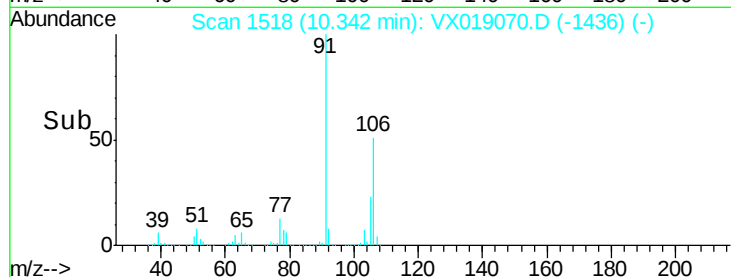
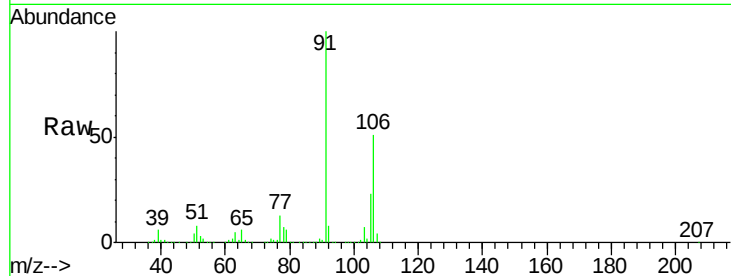
91 195.6 157.5 236.3

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#68

o-Xylene

Concen: 51.521 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019070.D

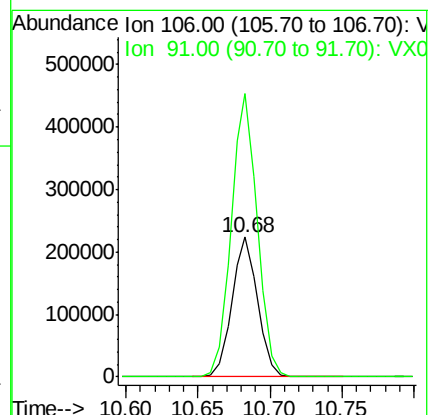
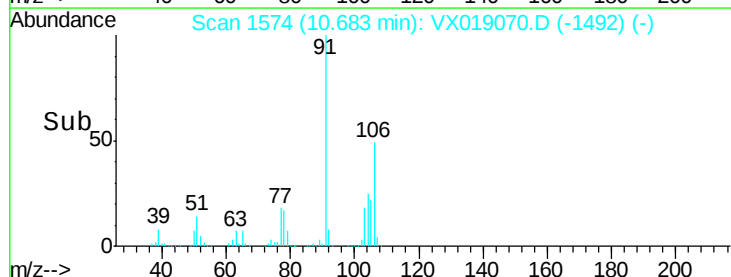
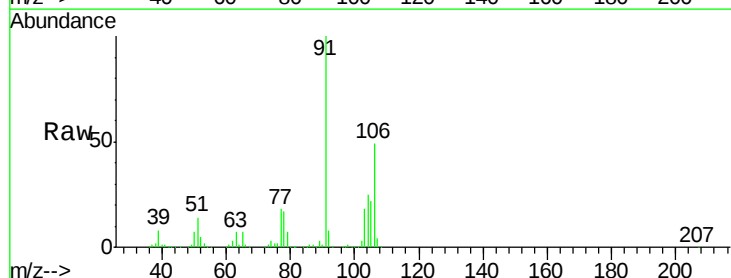
Acq: 23 Oct 2020 10:38

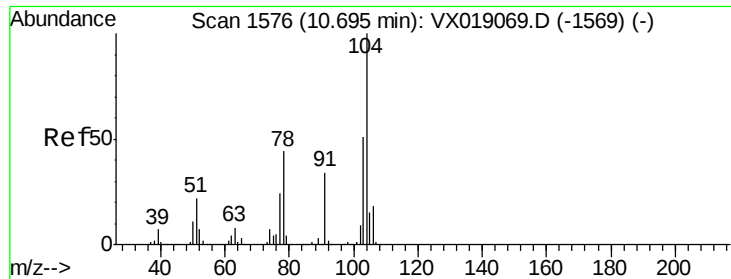
Tgt Ion:106 Resp: 279769

Ion Ratio Lower Upper

106 100

91 205.3 103.8 311.4





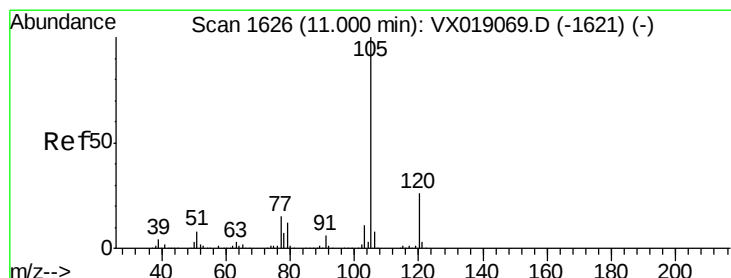
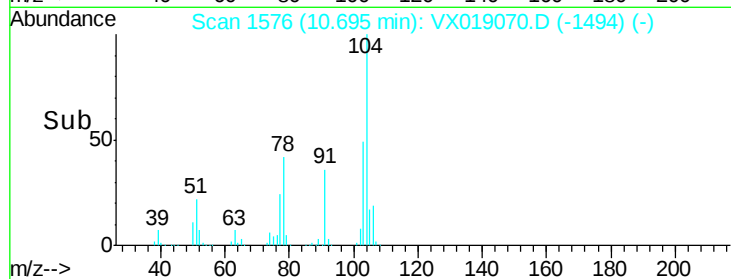
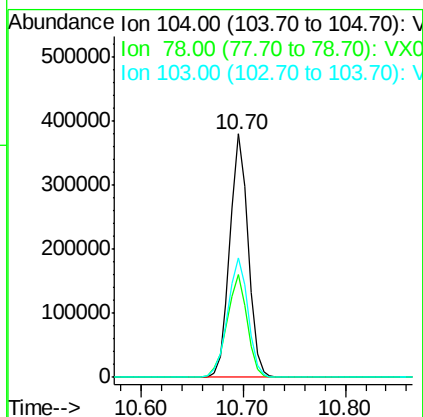
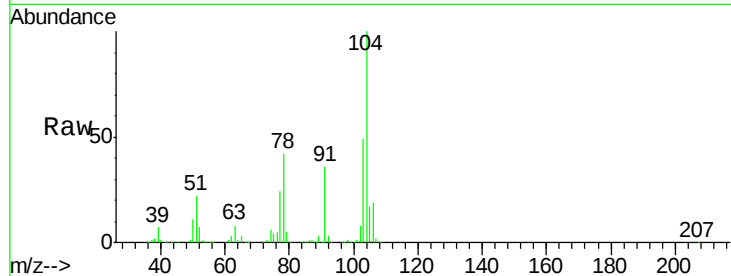
#69
Stvrene
Concen: 50.570 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
104	100	470165		
78	46.7		38.6	58.0
103	54.8		43.4	65.2

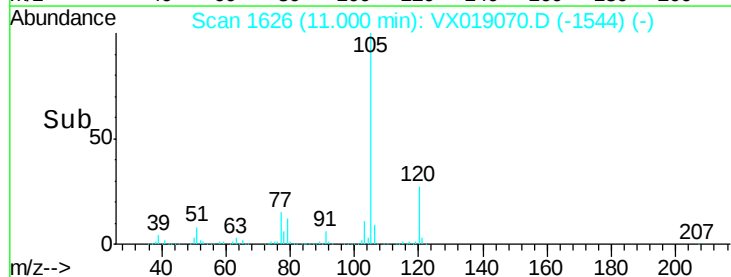
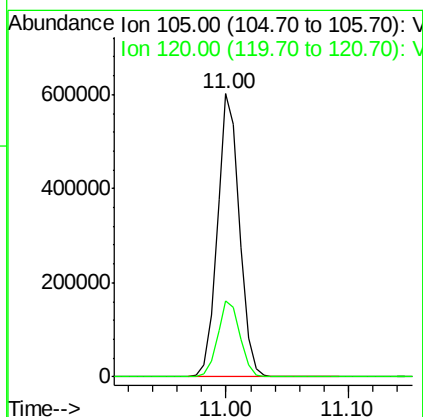
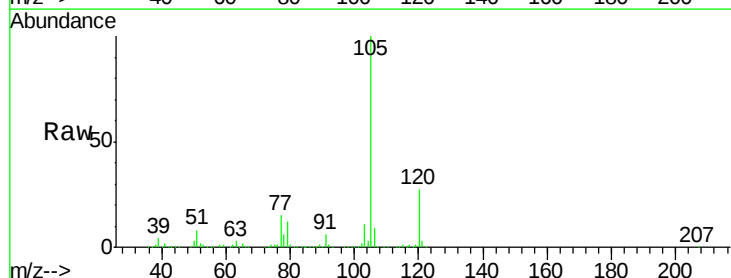
Manual Integrations
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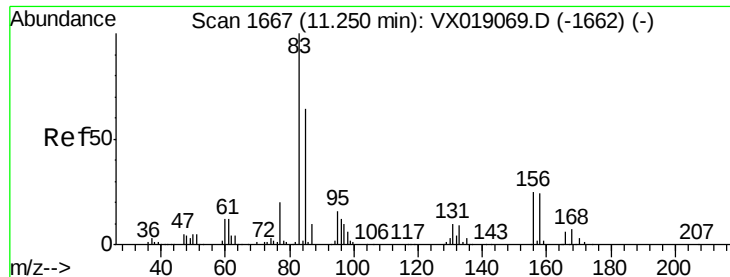
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#70
Isopropylbenzene
Concen: 52.170 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	752784		
120	27.1		19.0	35.4





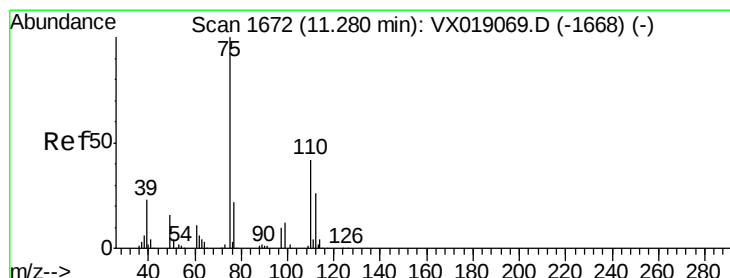
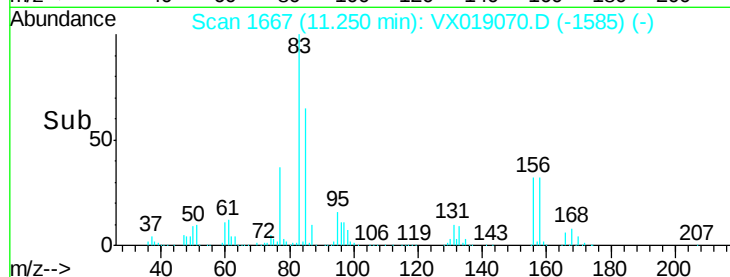
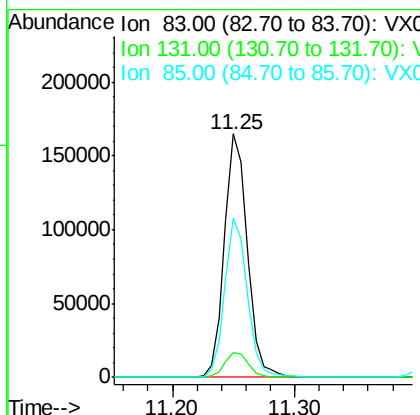
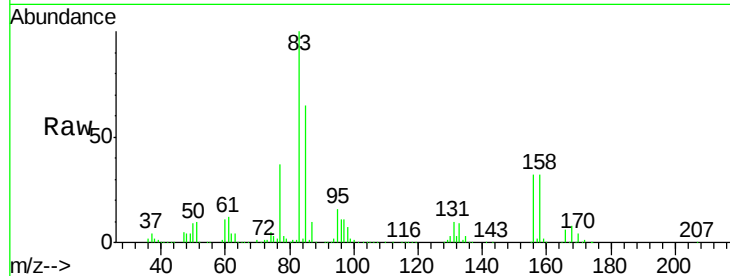
#71
 1,1,2,2-Tetrachloroethane
 Concen: 47.772 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.2	15.6
85	64.1	32.5	97.4

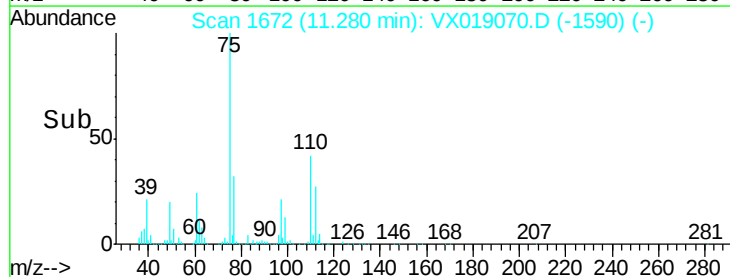
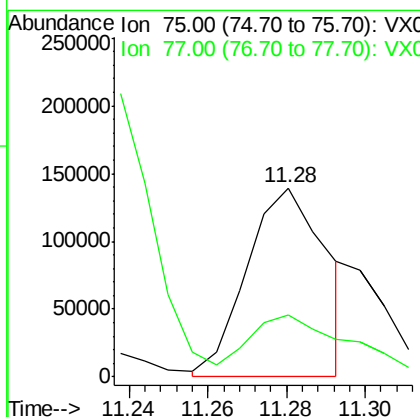
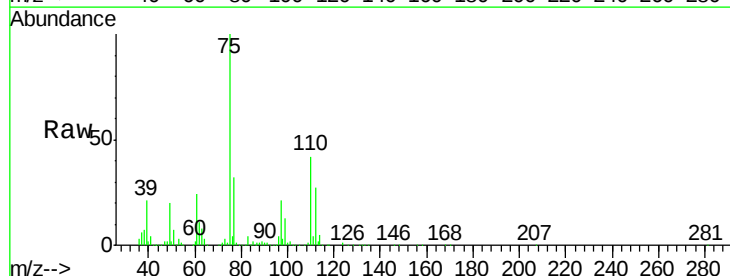
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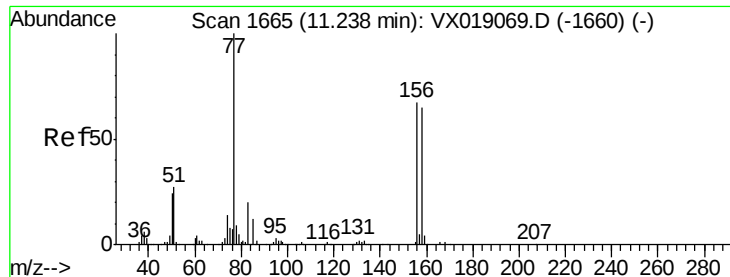
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#72
 1,2,3-Trichloropropane
 Concen: 46.798 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.0	0.0	81.8





#73

Bromobenzene

Concen: 48.749 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

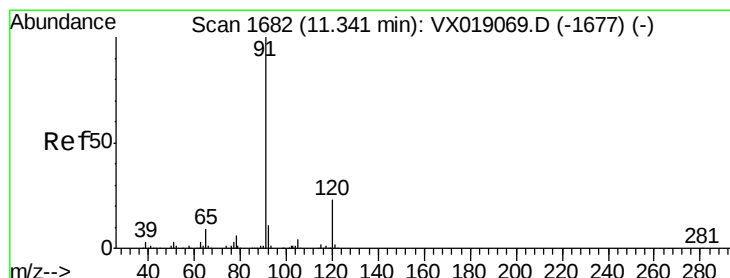
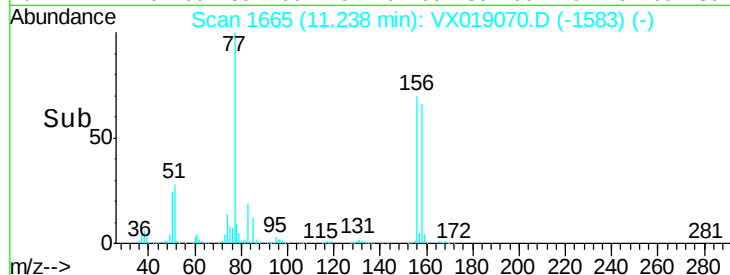
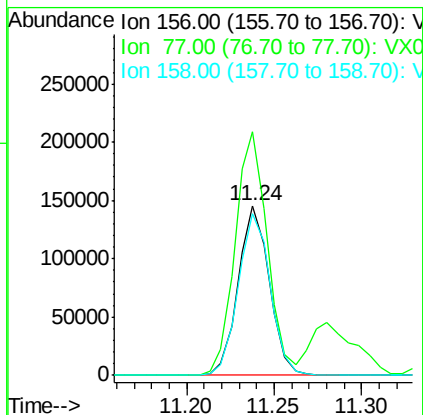
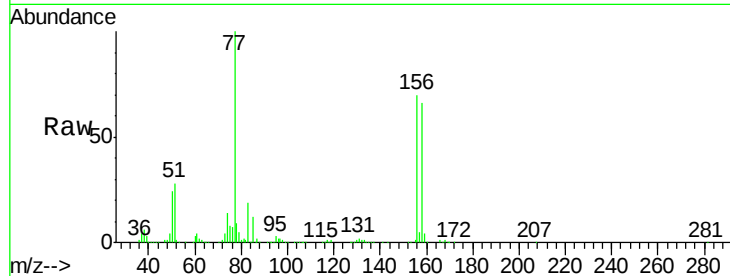
ClientSampleId :

VSTDIC050

Tot Ion:	156	Resp:	179743
Ion Ratio	Lower	Upper	
156	100		
77	148.0	0.0	299.6
158	97.9	0.0	192.2

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#74

n-propylbenzene

Concen: 51.398 ug/l

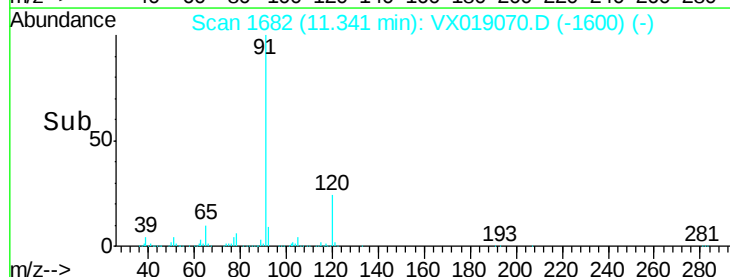
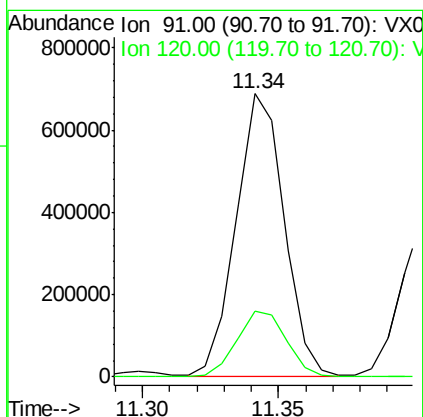
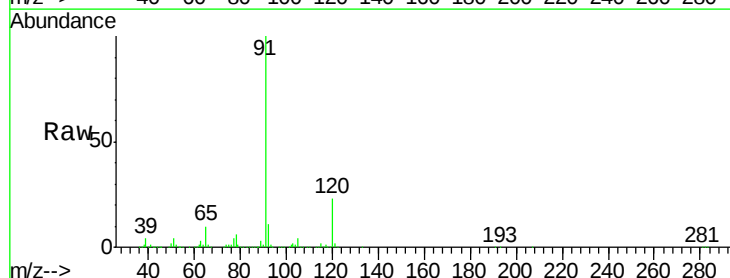
RT: 11.34 min Scan# 1682

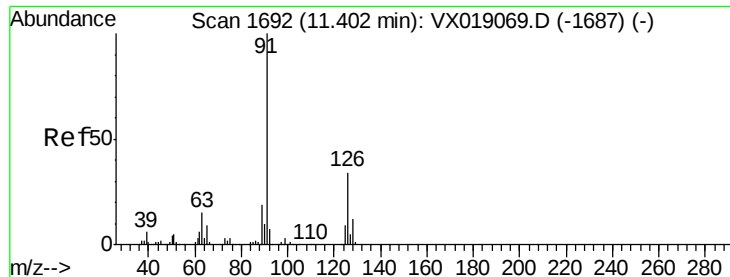
Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Tgt Ion:	91	Resp:	845925
Ion Ratio	Lower	Upper	
91	100		
120	23.8	0.0	46.6





#75

2-Chlorotoluene

Concen: 50.282 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 476126

Ion Ratio Lower Upper

91 100

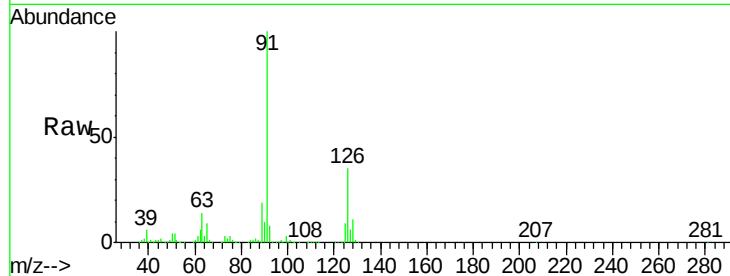
126 34.8 0.0 69.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019069.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX019069.D (-1687) (-)

800000

600000

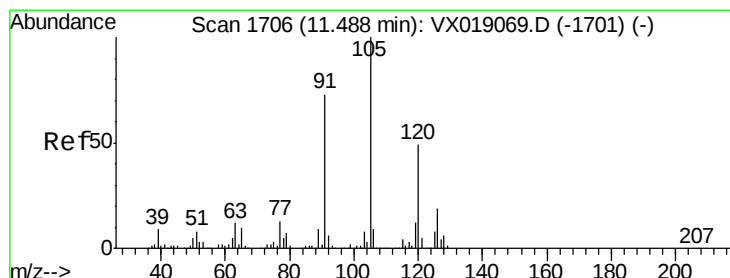
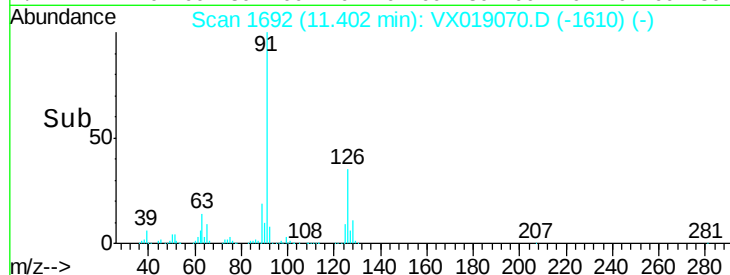
400000

200000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 50.345 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019070.D

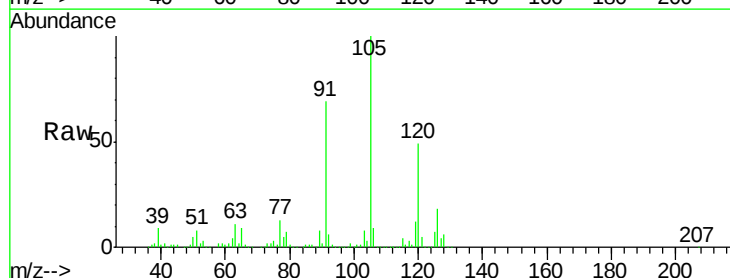
Acq: 23 Oct 2020 10:38

Tgt Ion: 105 Resp: 605411

Ion Ratio Lower Upper

105 100

120 50.2 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): VX019069.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX019069.D (-1701) (-)

500000

400000

300000

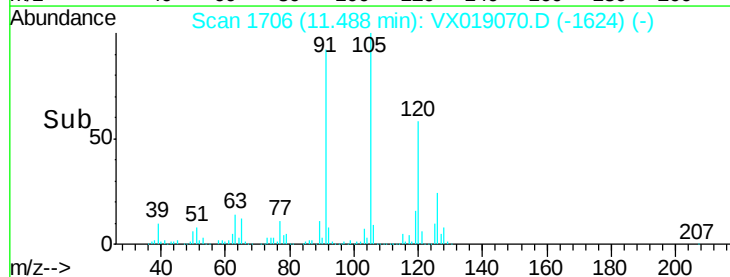
200000

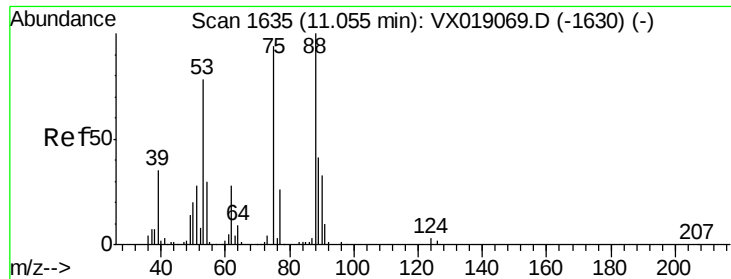
100000

0

11.45 11.50 11.55

Time-->





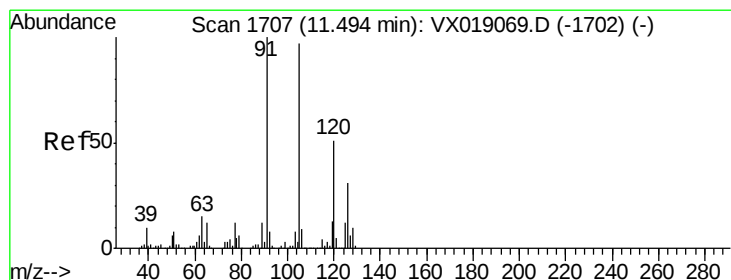
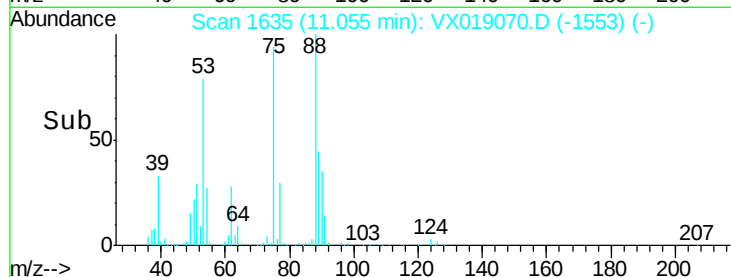
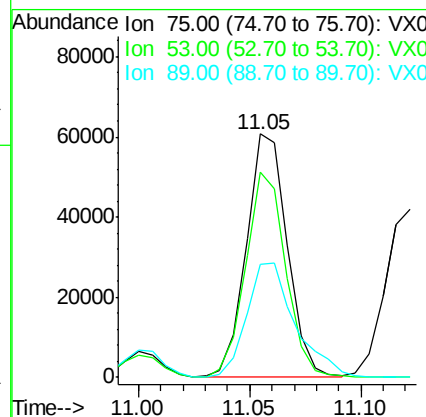
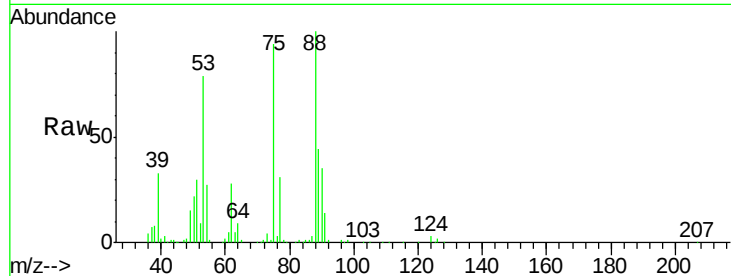
#77
t-1,4-Dichloro-2-butene
Concen: 44.070 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.1	41.6	124.8
89	46.0	21.8	65.3

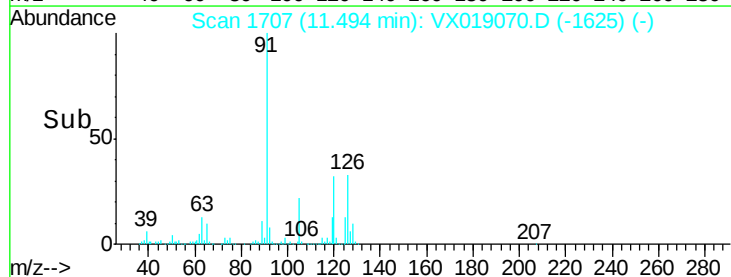
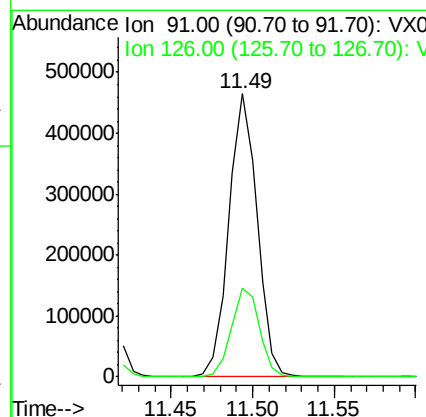
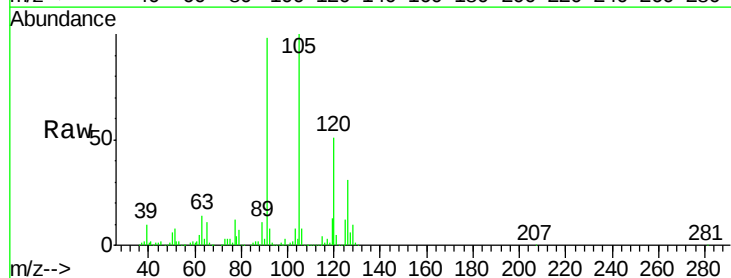
Manual Integrations
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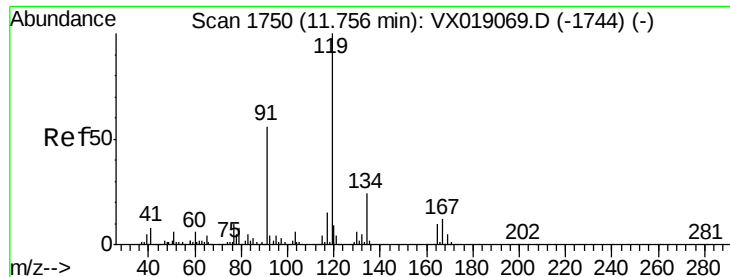
MMDadoda
10/26/2020 11:20:43 AM



#78
4-Chlorotoluene
Concen: 50.052 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	0.0	61.2





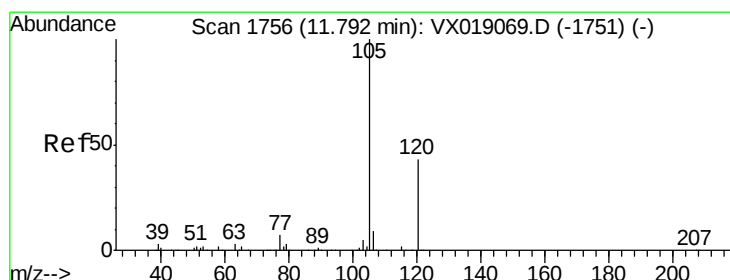
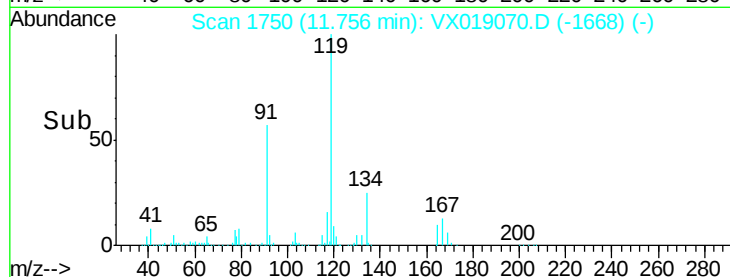
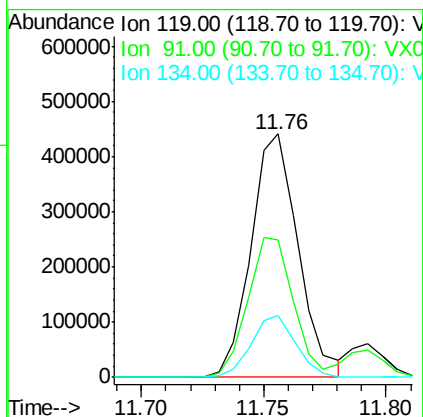
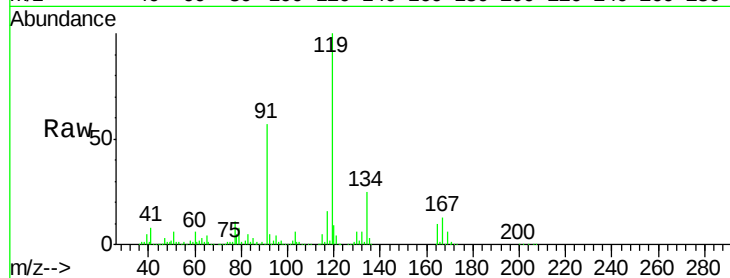
#79
tert-butylbenzene
Concen: 48.579 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	589746		
91	55.6	0.0	111.4	
134	23.9	0.0	47.2	

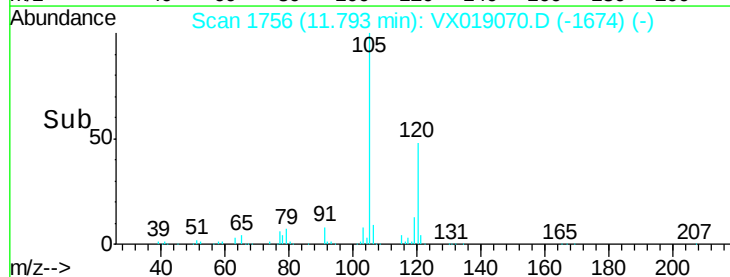
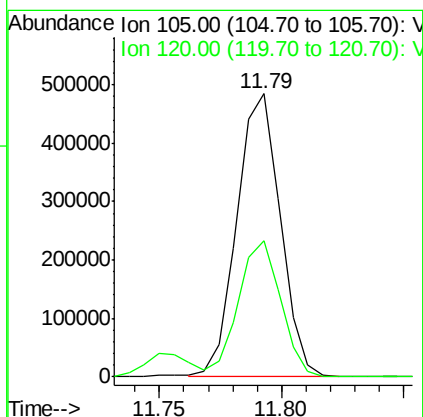
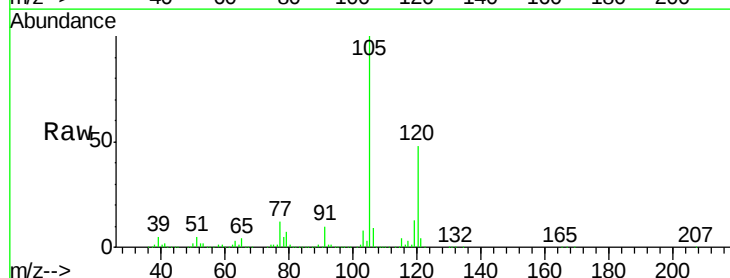
Manual Integrations
APPROVED

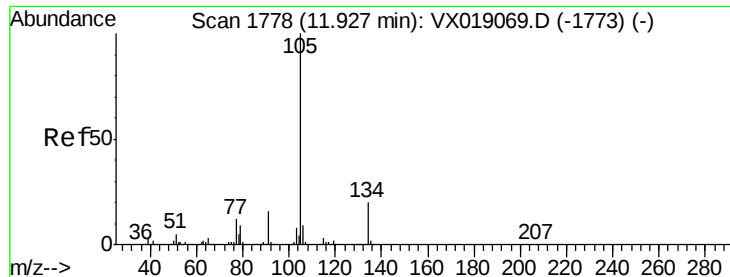
MMDadoda
10/26/2020 11:20:43 AM



#80
1,2,4-Trimethylbenzene
Concen: 49.628 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	596644		
120	47.2	0.0	92.0	





#81

sec-Butylbenzene

Concen: 50.268 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:105 Resp: 704517

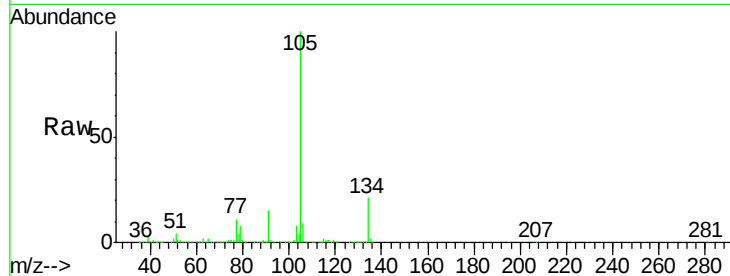
Ion Ratio Lower Upper

105 100

134 20.6 0.0 40.8

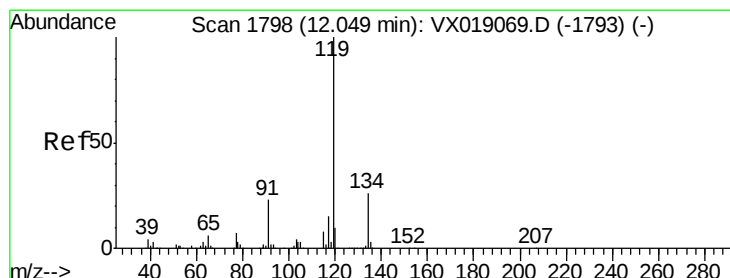
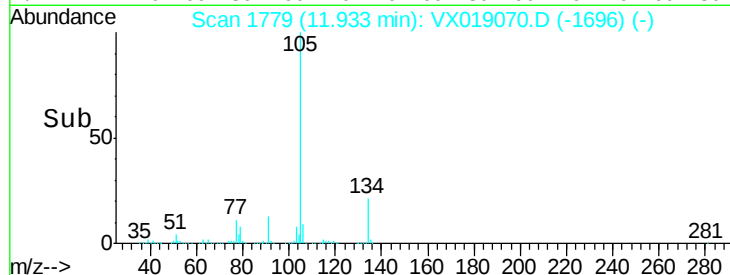
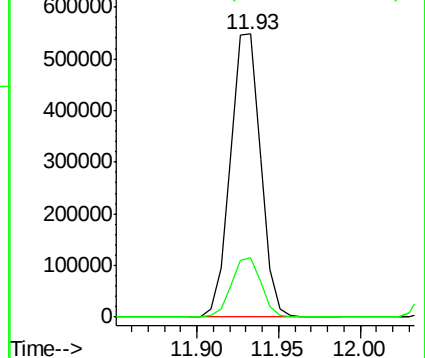
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 49.550 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

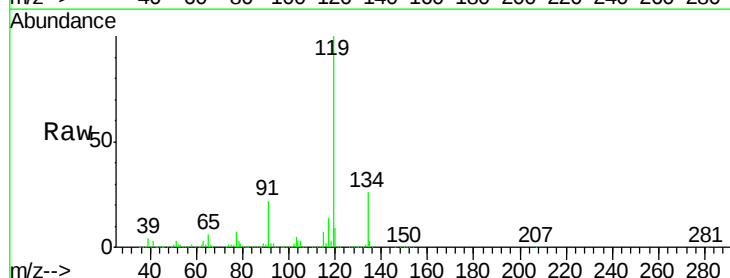
Tgt Ion:119 Resp: 644398

Ion Ratio Lower Upper

119 100

134 26.5 0.0 52.0

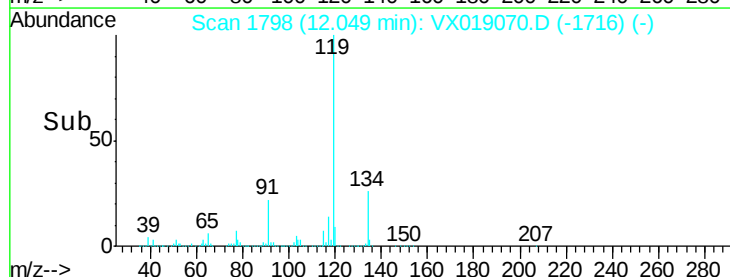
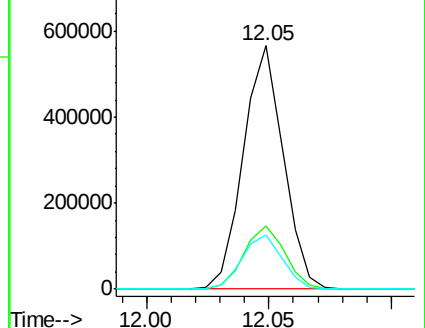
91 22.8 0.0 45.6

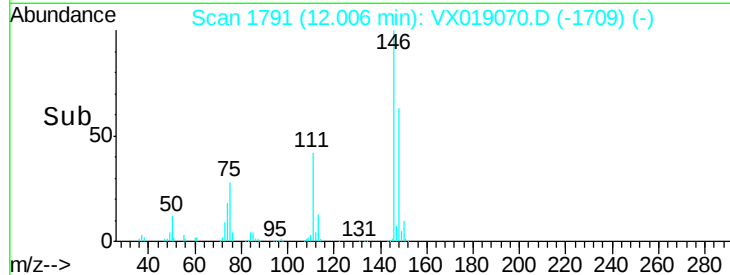
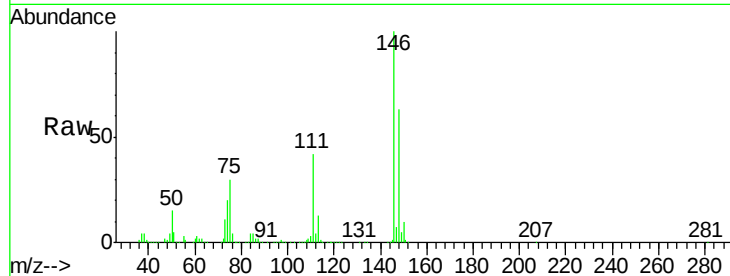
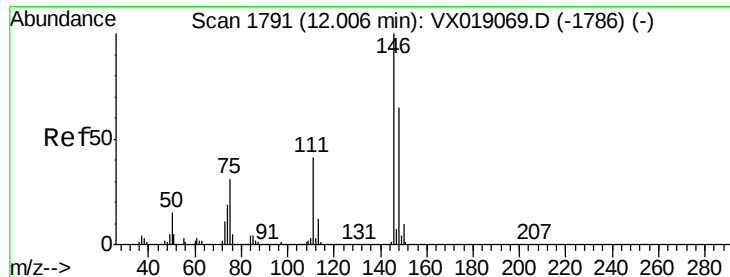


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 48.254 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019070.D

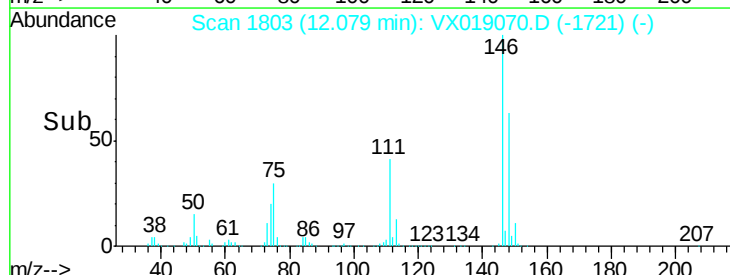
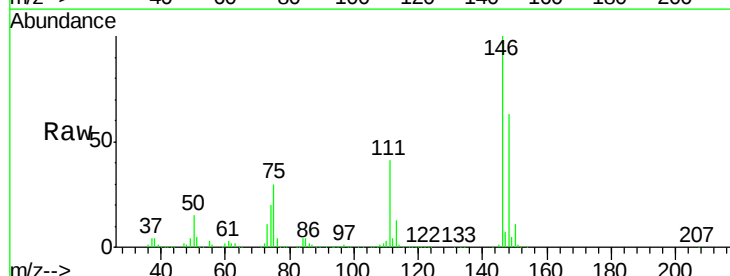
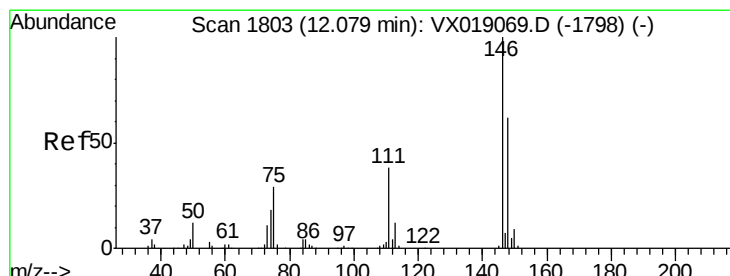
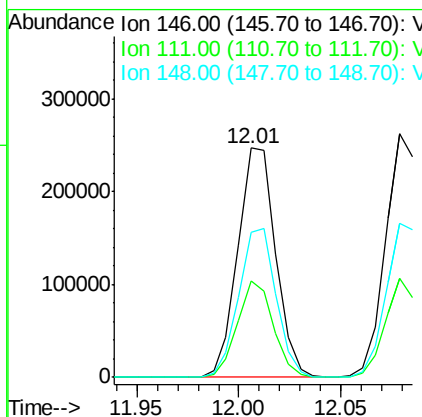
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.3	32.2	96.6

Manual Integrations
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#84

1,4-Dichlorobenzene

Concen: 49.062 ug/l

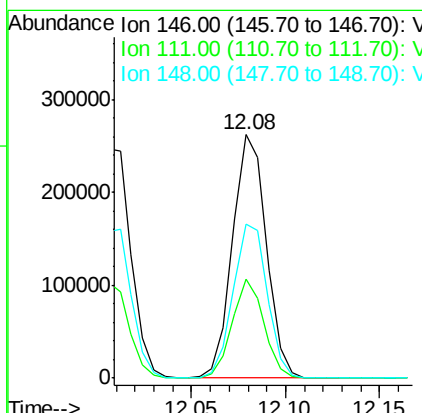
RT: 12.08 min Scan# 1803

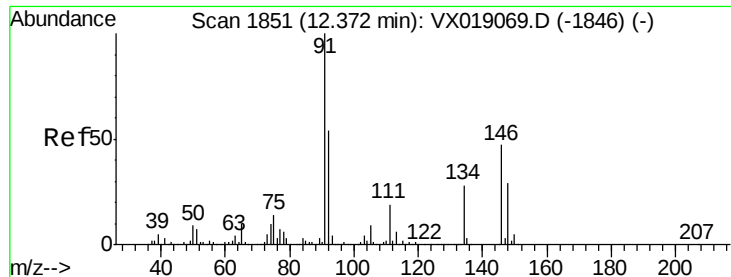
Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	64.0	31.6	95.0





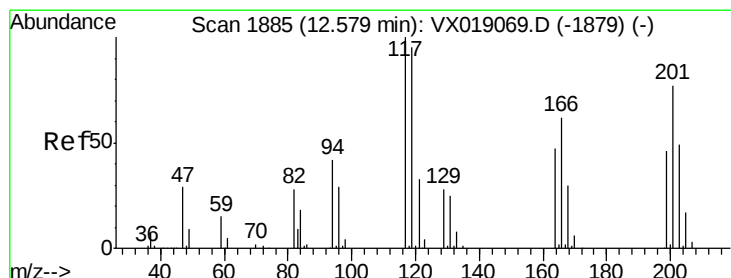
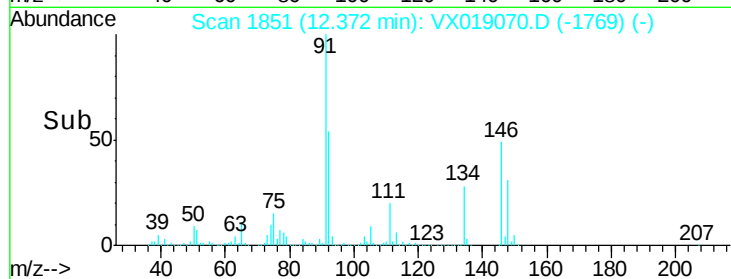
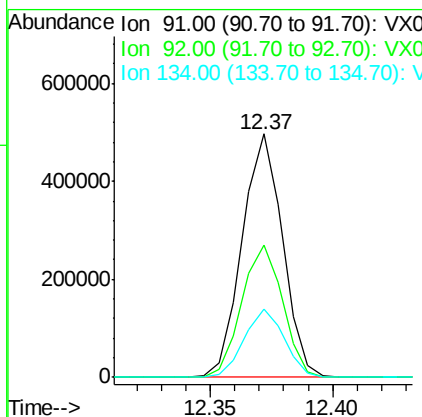
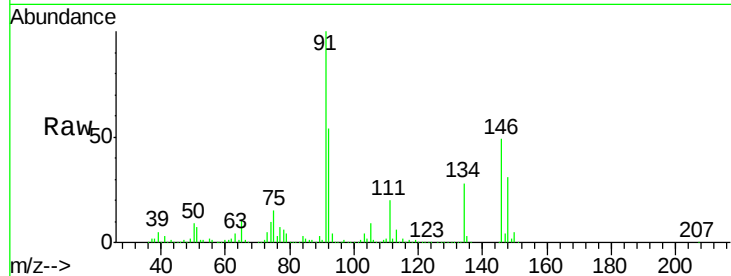
#85
n-Butylbenzene
Concen: 49.019 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	572547		
92	54.9	0.0	107.4	
134	27.8	0.0	54.6	

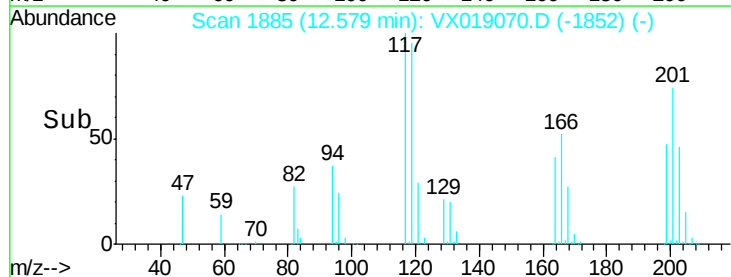
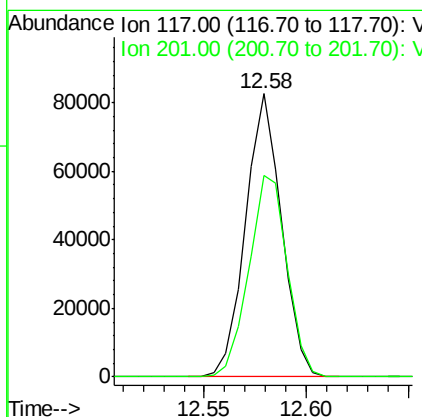
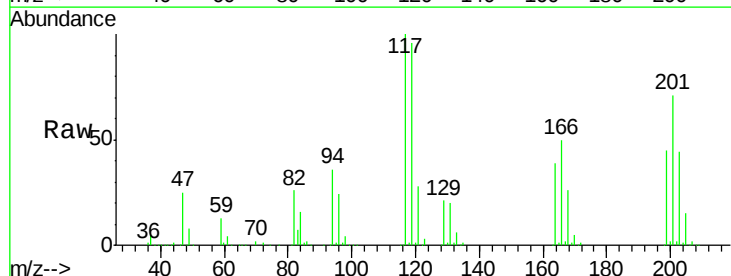
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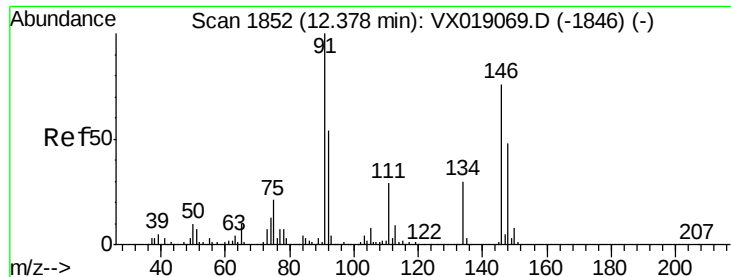
MMDadoda
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#86
Hexachloroethane
Concen: 46.797 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	101087		
201	76.1	38.4	115.1	





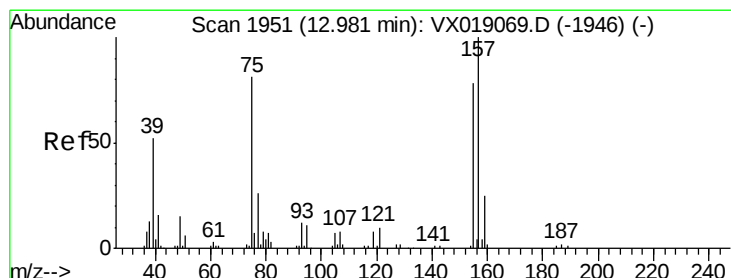
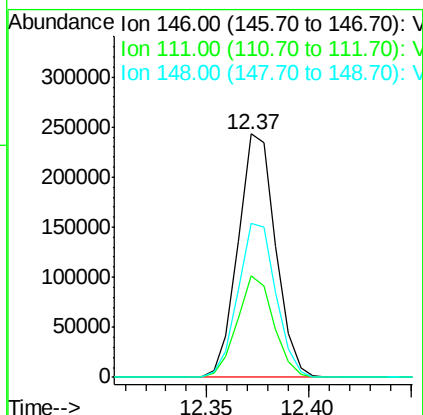
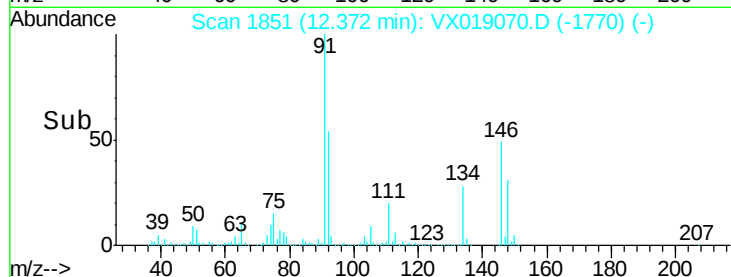
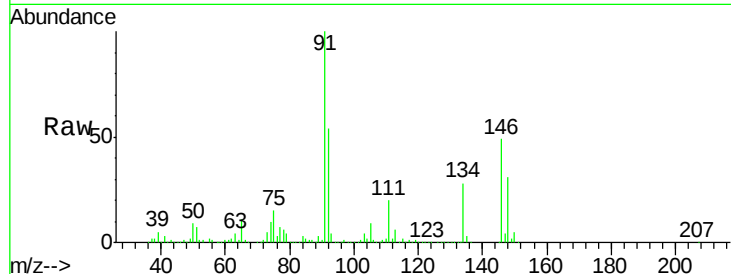
#87
 1,2-Dichlorobenzene
 Concen: 48.759 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	61.0
148	63.7	32.1	96.5

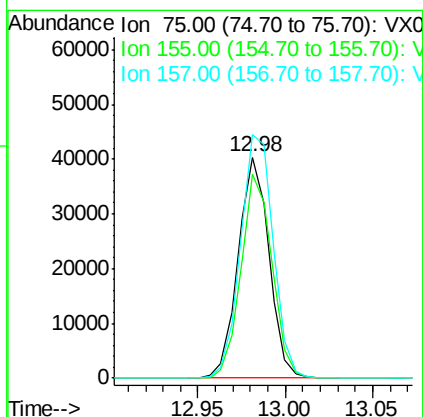
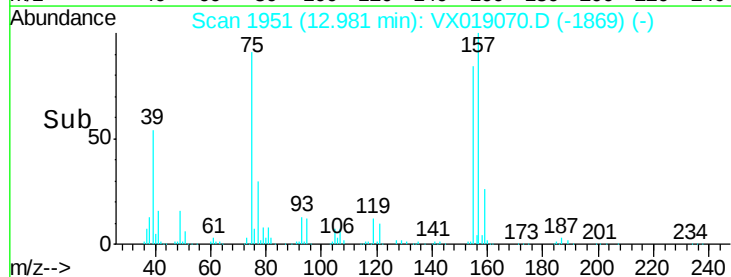
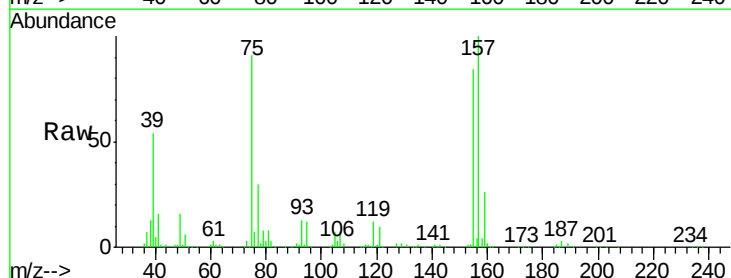
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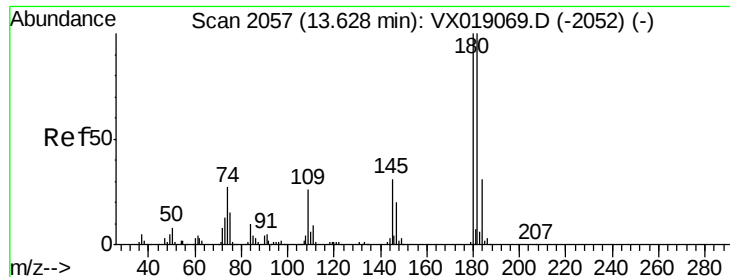
MMDadoda
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 45.913 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	73.7	110.5
157	117.4	96.5	144.7





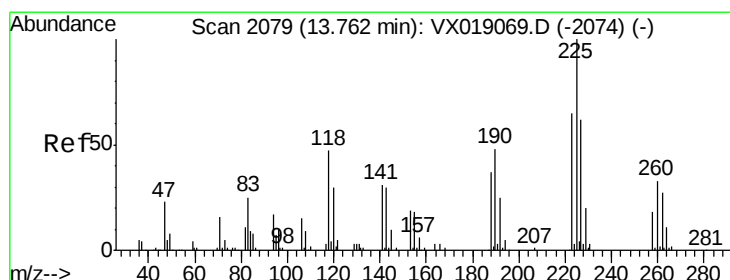
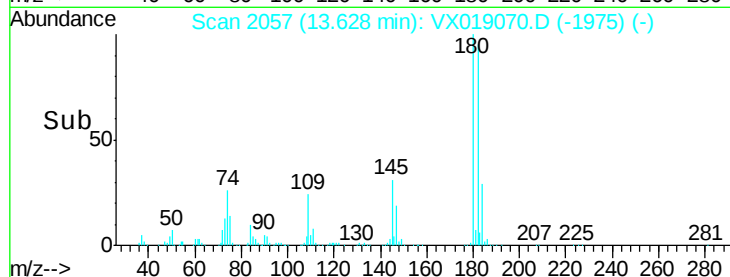
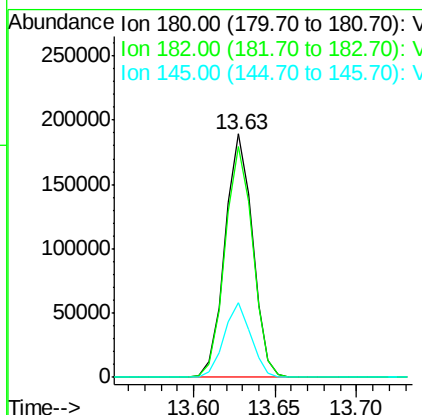
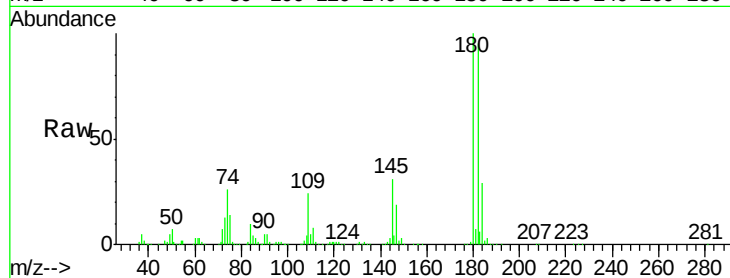
#89
 1,2,4-Trichlorobenzene
 Concen: 47.631 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	222016		
182	95.5	76.5	114.7	
145	30.3	24.2	36.4	

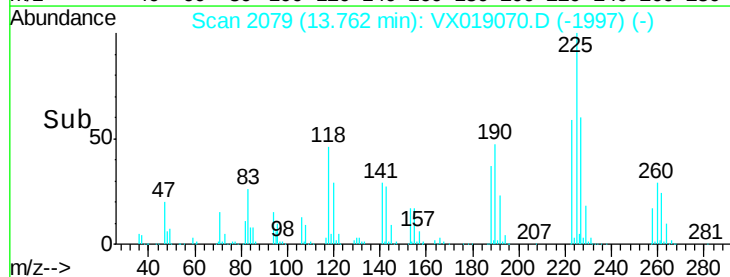
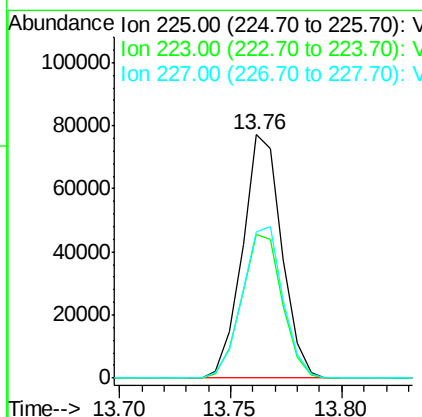
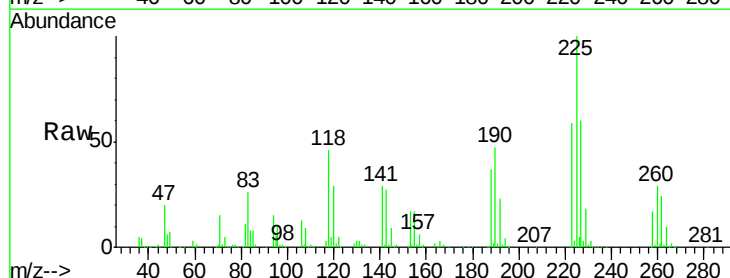
Manual Integrations
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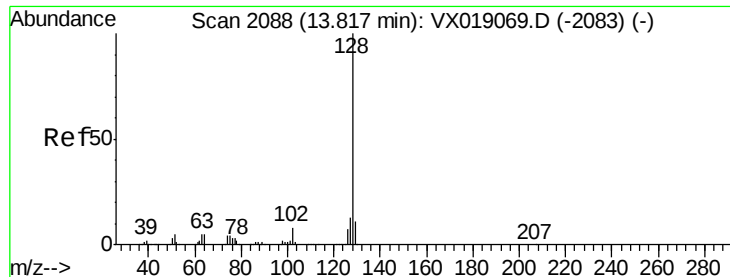
MMDadoda
 10/26/2020 11:20:43 AM



#90
 Hexachlorobutadiene
 Concen: 48.937 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95190		
223	61.1	0.0	130.0	
227	64.0	0.0	128.6	





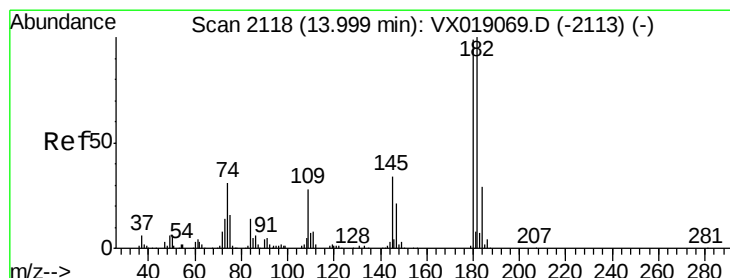
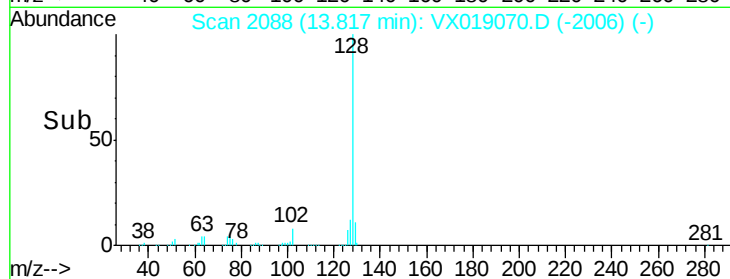
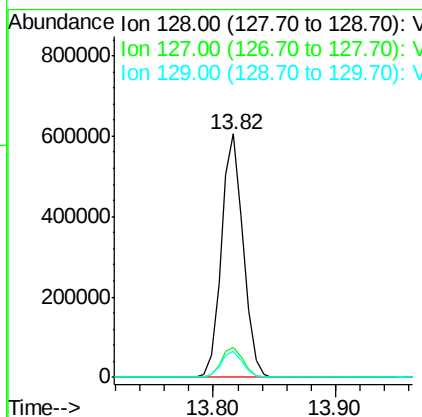
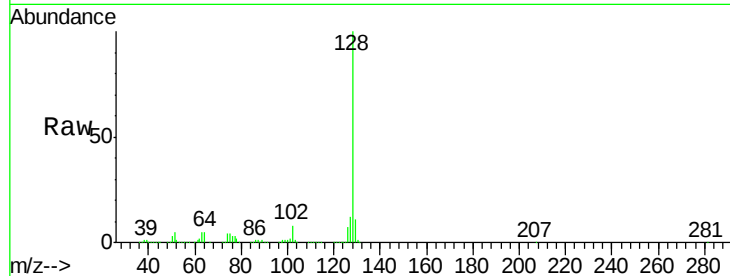
#91
Naphthalene
Concen: 49.061 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	10.8	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 47.299 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	192.4
145	32.4	0.0	64.6

