

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101320\
 Data File : VX018925.D
 Acq On : 13 Oct 2020 12:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:08:24 PM

Quant Time: Oct 14 02:08:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	262835	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	353130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	174353	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	5.46	113	130410	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	8.70	98	473258	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
62) 4-Bromofluorobenzene	11.12	95	180533	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	151007	48.632	ug/l	99
3) Chloromethane	1.31	50	135868	55.153	ug/l	100
4) Vinyl Chloride	1.39	62	149185	54.176	ug/l	98
5) Bromomethane	1.62	94	85436	55.706	ug/l	97
6) Chloroethane	1.71	64	90521	49.081	ug/l	98
7) Trichlorofluoromethane	1.92	101	245648	45.256	ug/l	95
8) Diethyl Ether	2.17	74	74042	48.970	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	124290	47.678	ug/l	98
10) Methyl Iodide	2.49	142	107476	40.099	ug/l	95
11) Tert butyl alcohol	3.01	59	148022	242.440	ug/l	97
12) 1,1-Dichloroethene	2.36	96	120149	49.540	ug/l	97
13) Acrolein	2.27	56	117908	232.108	ug/l	97
14) Allyl chloride	2.70	41	226132	51.382	ug/l	94
15) Acrylonitrile	3.11	53	342738	264.687	ug/l	99
16) Acetone	2.42	43	360575	246.348	ug/l	98
17) Carbon Disulfide	2.55	76	345062	48.479	ug/l	99
18) Methyl Acetate	2.75	43	172801	53.624	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	395620	48.610	ug/l	98
20) Methylene Chloride	2.83	84	142004	51.343	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	136688	48.550	ug/l	95
22) Diisopropyl ether	3.82	45	410564	52.125	ug/l	98
23) Vinyl Acetate	3.78	43	1986232	262.201	ug/l	98
24) 1,1-Dichloroethane	3.67	63	249701	47.152	ug/l	98
25) 2-Butanone	4.63	43	504471	240.260	ug/l	99
26) 2,2-Dichloropropane	4.54	77	230227	45.058	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	145187	46.437	ug/l	98
28) Bromochloromethane	4.98	49	109120	46.756	ug/l	95
29) Tetrahydrofuran	5.09	42	290148	257.559	ug/l	96
30) Chloroform	5.17	83	267499	45.847	ug/l	100
31) Cyclohexane	5.55	56	182101	50.294	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	247537	44.644	ug/l	99
36) 1,1-Dichloropropene	5.76	75	190611	51.339	ug/l	98
37) Ethyl Acetate	4.79	43	199503	55.643	ug/l	99
38) Carbon Tetrachloride	5.75	117	232755	50.578	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	177611	51.894	ug/l	99
40) Benzene	6.11	78	528894	53.022	ug/l	98
41) Methacrylonitrile	5.00	41	106029	50.977	ug/l	99
42) 1,2-Dichloroethane	6.16	62	226647	48.465	ug/l	100
43) Isopropyl Acetate	6.41	43	310227	52.063	ug/l	99
44) Trichloroethene	7.18	130	148906	49.778	ug/l	94
45) 1,2-Dichloropropane	7.49	63	142542	54.006	ug/l	99
46) Dibromomethane	7.63	93	95161	48.788	ug/l	95
47) Bromodichloromethane	7.87	83	218889	51.787	ug/l	97
48) Methyl methacrylate	7.74	41	162521	53.753	ug/l	97
49) 1,4-Dioxane	7.71	88	50883	1200.228	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	940715	270.491	ug/l	99
52) Toluene	8.76	92	350937	54.822	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	233368	53.322	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	245447	54.518	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	145484	52.911	ug/l	97
56) Ethyl methacrylate	9.16	69	207641	51.630	ug/l	98
57) 1,3-Dichloropropane	9.35	76	231697	51.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	585538	294.333	ug/l	97
59) 2-Hexanone	9.47	43	713800	269.391	ug/l	99
60) Dibromochloromethane	9.56	129	176023	50.998	ug/l	97
61) 1,2-Dibromoethane	9.65	107	152123	51.591	ug/l	99
64) Tetrachloroethene	9.32	164	137512	52.777	ug/l	96
65) Chlorobenzene	10.12	112	392058	50.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	155586	48.845	ug/l	99
67) Ethyl Benzene	10.24	91	666078	51.138	ug/l	98
68) m/p-Xylenes	10.34	106	511704	103.403	ug/l	95
69) o-Xylene	10.68	106	243874	52.306	ug/l	99
70) Styrene	10.70	104	440203	55.769	ug/l	98
71) Bromoform	10.84	173	140956	51.162	ug/l #	97
73) Isopropylbenzene	11.00	105	666870	50.016	ug/l	100
74) N-amyl acetate	10.88	43	295240	55.968	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	212514	47.821	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	212587m	48.406	ug/l	
77) Bromobenzene	11.24	156	188472	51.459	ug/l	96
78) n-propylbenzene	11.34	91	809366	53.273	ug/l	98
79) 2-Chlorotoluene	11.40	91	485689	51.285	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	596882	52.336	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	74780	48.255	ug/l	92
82) 4-Chlorotoluene	11.49	91	583776	51.841	ug/l	99
83) tert-Butylbenzene	11.76	119	565067	49.475	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	616633	53.187	ug/l	98
85) sec-Butylbenzene	11.93	105	679524	52.812	ug/l	100
86) p-Isopropyltoluene	12.05	119	654459	53.614	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329743	49.022	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	337288	49.504	ug/l	98
89) n-Butylbenzene	12.37	91	565276	53.297	ug/l	100
90) Hexachloroethane	12.58	117	107374	47.315	ug/l	89
91) 1,2-Dichlorobenzene	12.38	146	322726	50.404	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51831	45.604	ug/l	94

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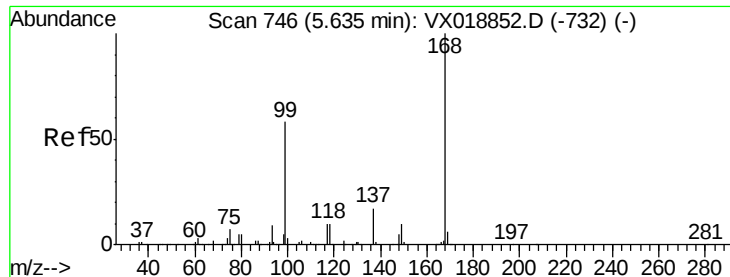
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	218576	53.212	ug/l	93
94) Hexachlorobutadiene	13.77	225	110918	60.794	ug/l	92
95) Naphthalene	13.82	128	609101	44.759	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	206783	51.453	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 262835

Ion Ratio Lower Upper

168 100

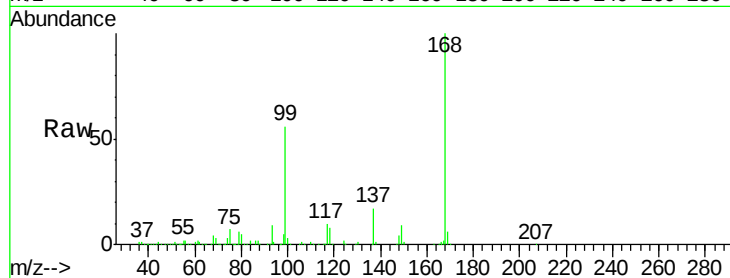
99 55.6 46.1 69.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

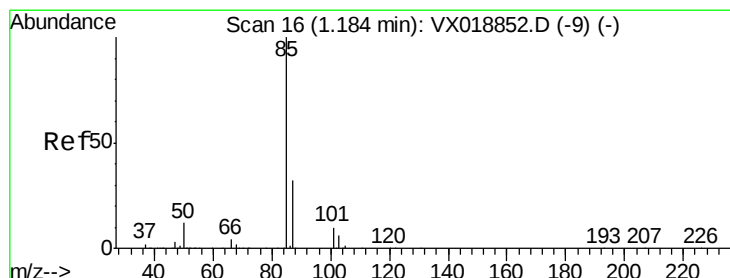
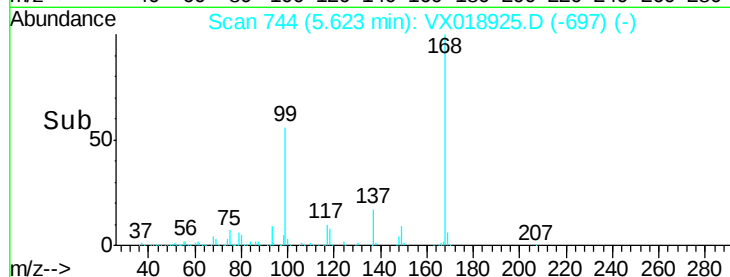
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.632 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018925.D

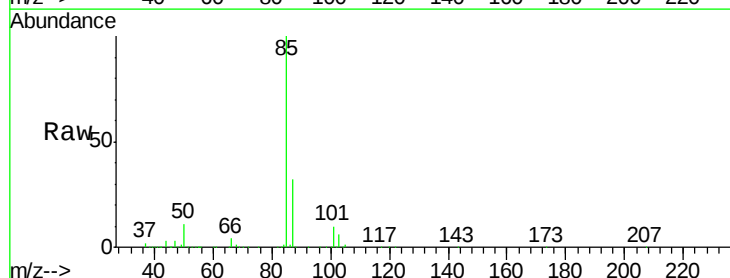
Acq: 13 Oct 2020 12:02

Tgt Ion: 85 Resp: 151007

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

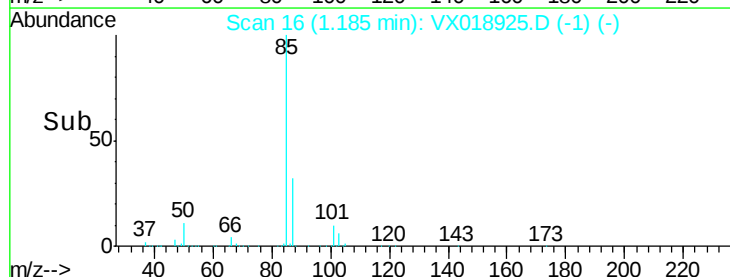
150000

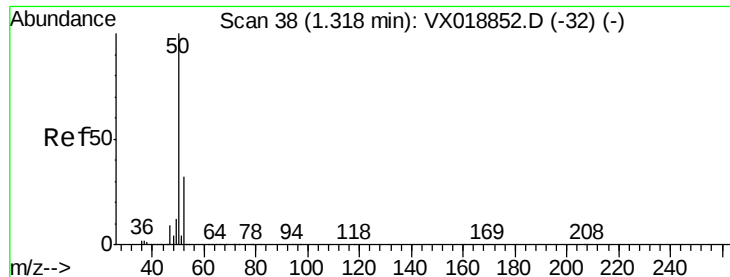
100000

50000

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Time-->





#3

Chloromethane

Concen: 55.153 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 135868

Ion Ratio Lower Upper

50 100

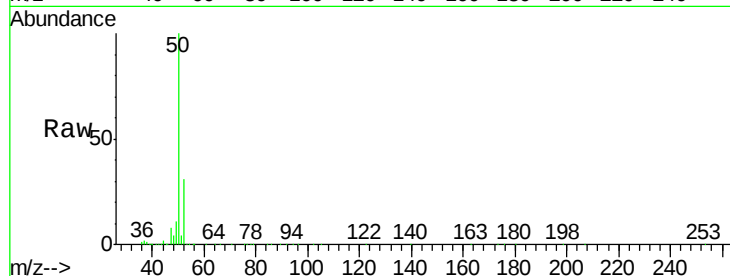
52 31.2 25.2 37.8

Manual Integrations

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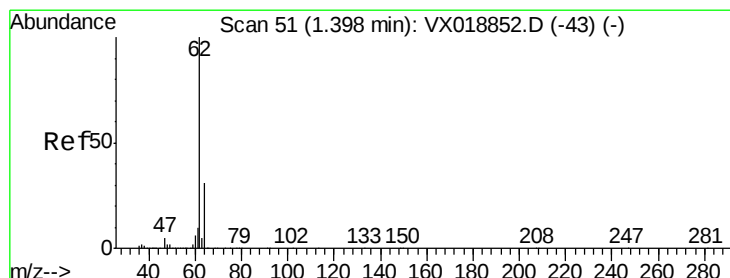
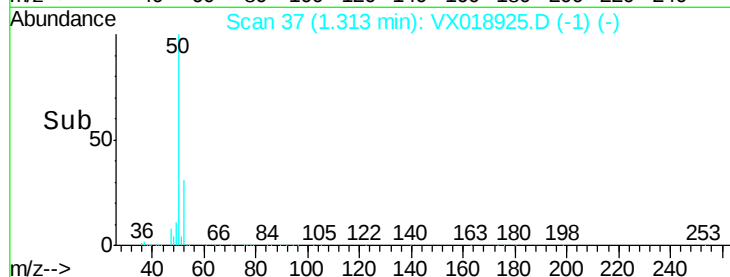
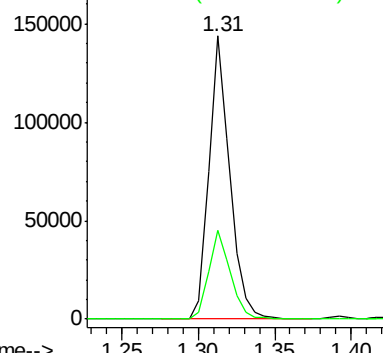
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.176 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018925.D

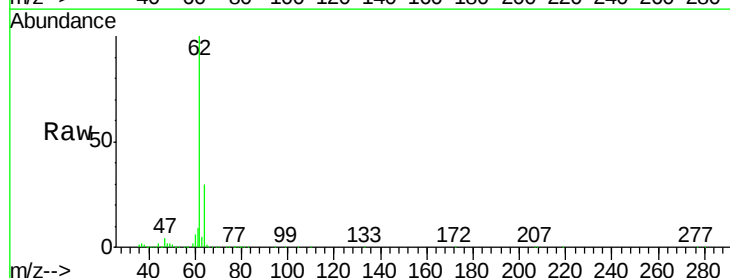
Acq: 13 Oct 2020 12:02

Tgt Ion: 62 Resp: 149185

Ion Ratio Lower Upper

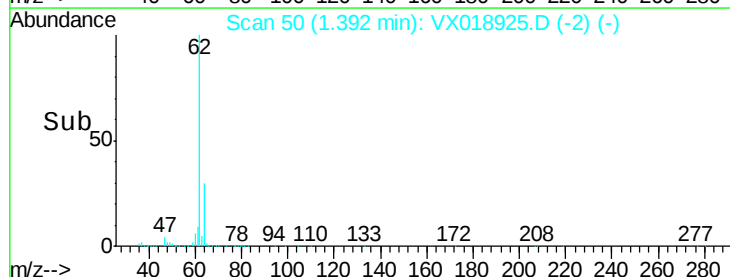
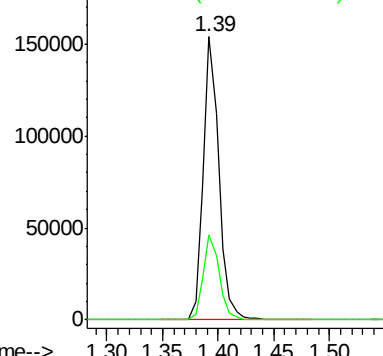
62 100

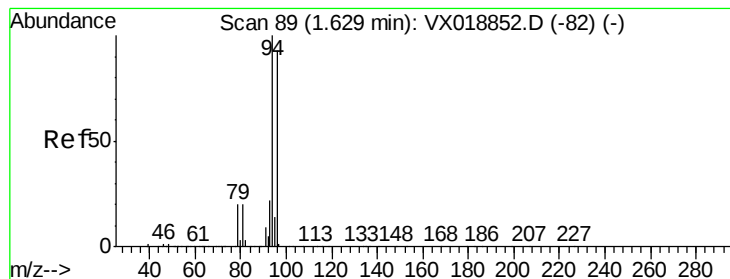
64 30.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.706 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 85436

Ion Ratio Lower Upper

94 100

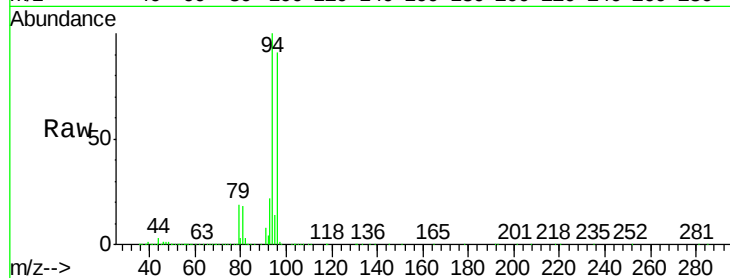
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Manual Integrations

APPROVED

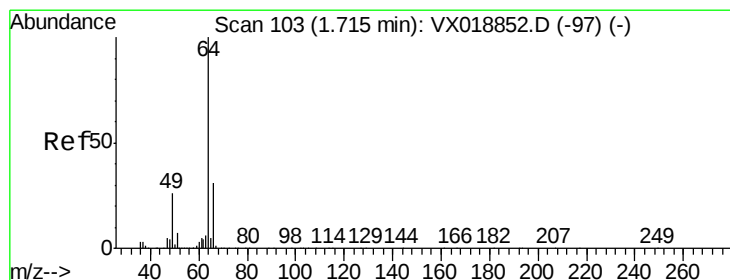
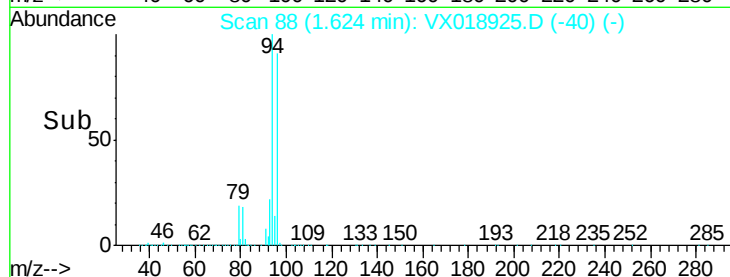
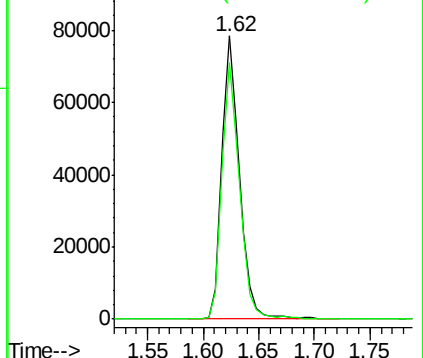
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.081 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018925.D

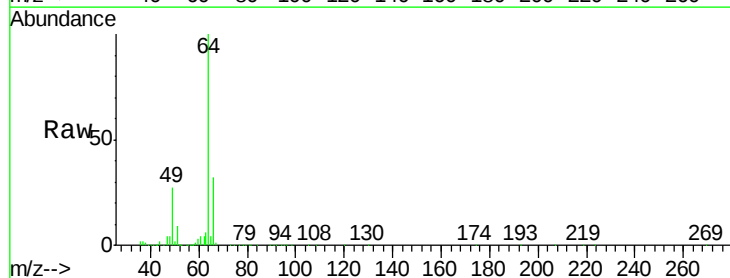
Acq: 13 Oct 2020 12:02

Tgt Ion: 64 Resp: 90521

Ion Ratio Lower Upper

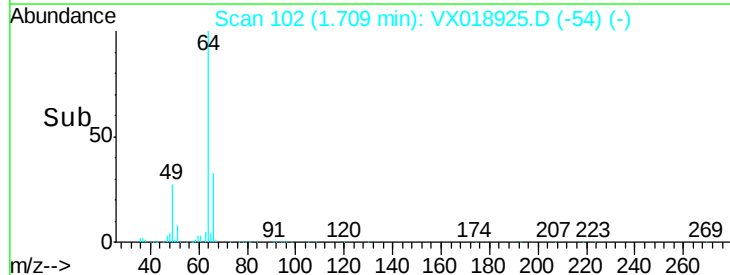
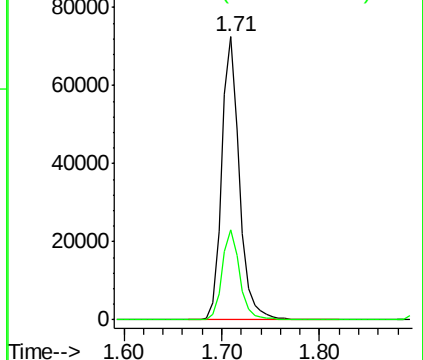
64 100

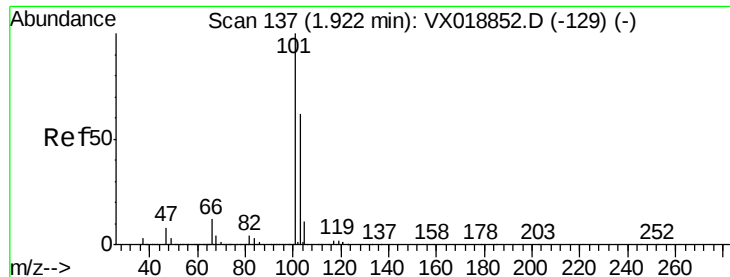
66 31.9 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

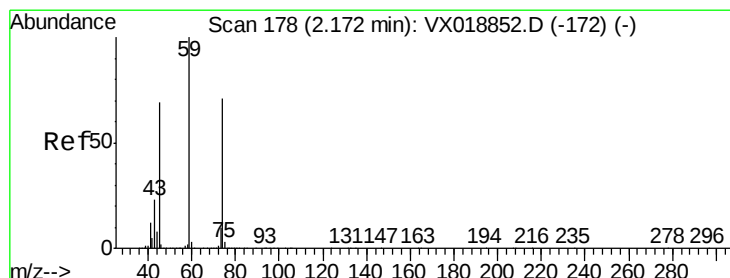
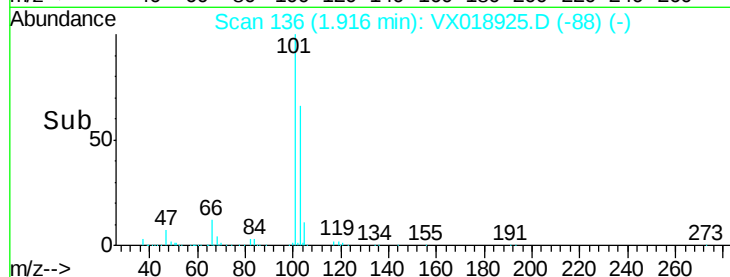
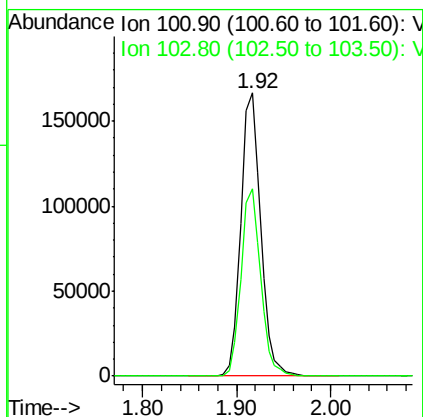
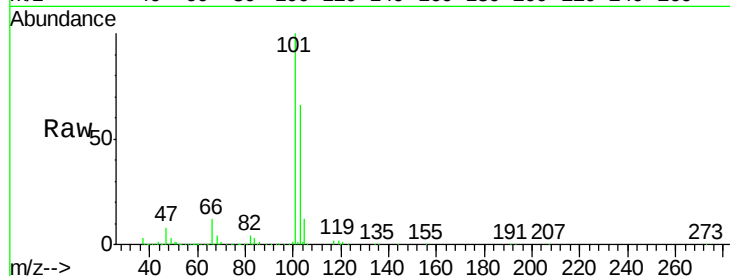
Trichlorofluoromethane
Concen: 45.256 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	245648		
103	66.1	50.0	75.0	

Manual Integrations
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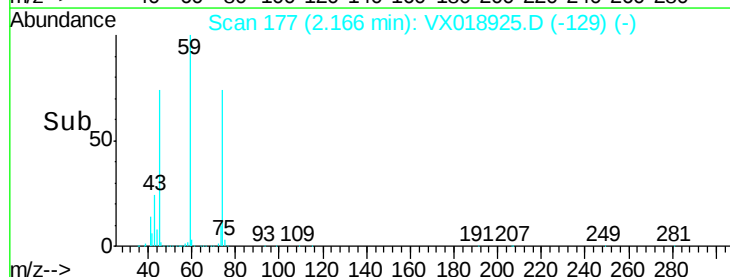
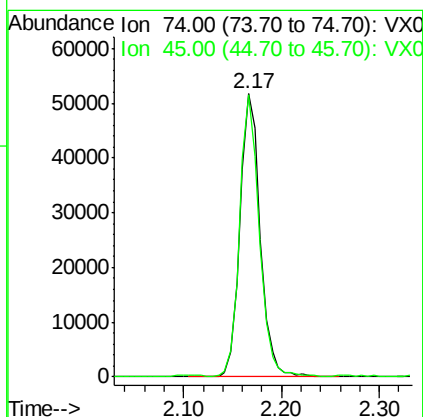
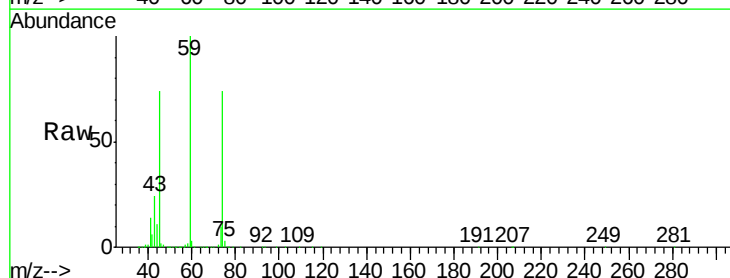
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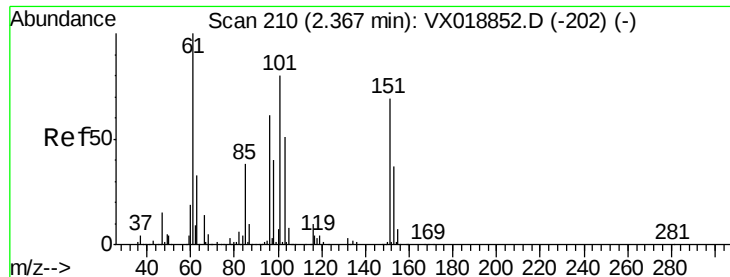


#8

Diethyl Ether
Concen: 48.970 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	74042		
45	96.8	47.0	141.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.678 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

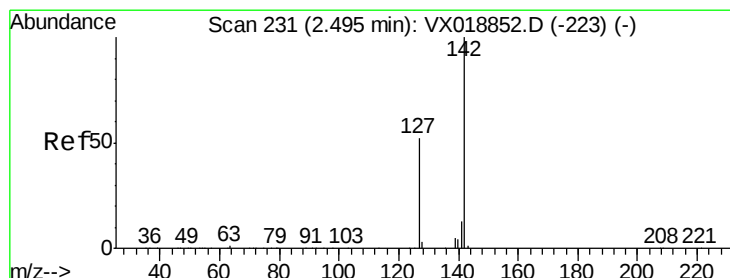
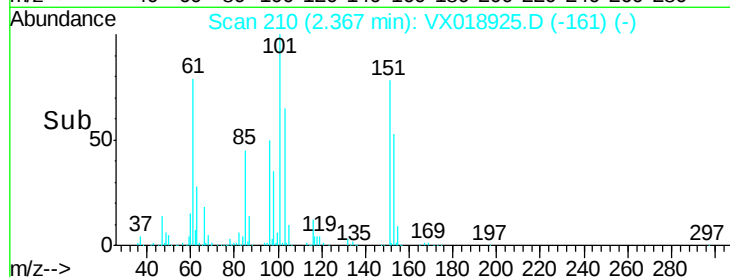
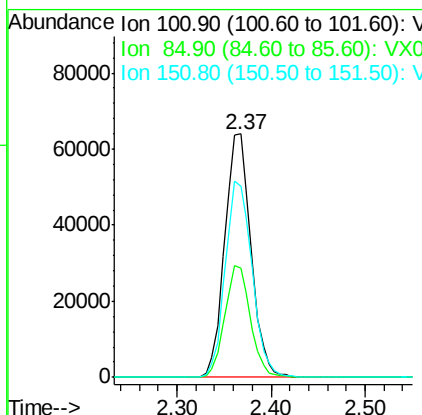
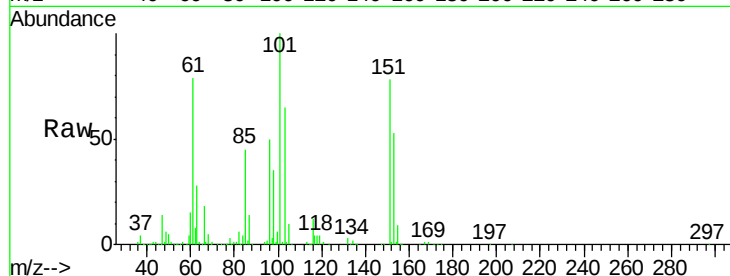
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	124290
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.6	55.0
151	82.1	67.2	100.8

Manual Integrations
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#10

Methyl Iodide

Concen: 40.099 ug/l

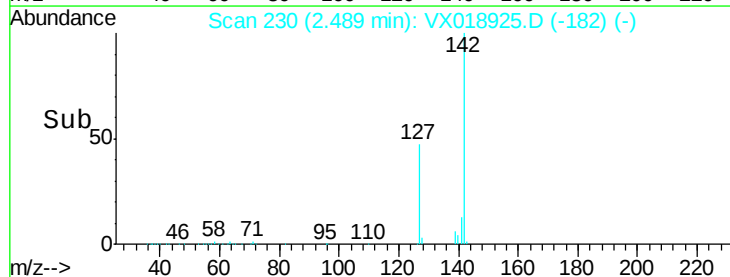
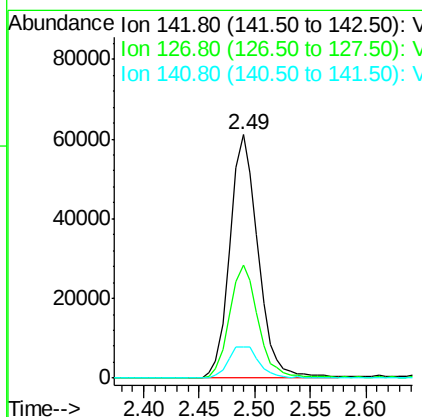
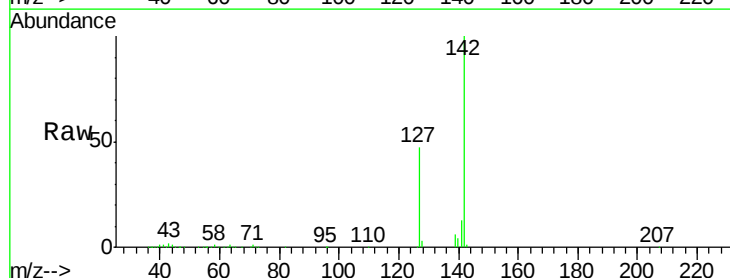
RT: 2.49 min Scan# 230

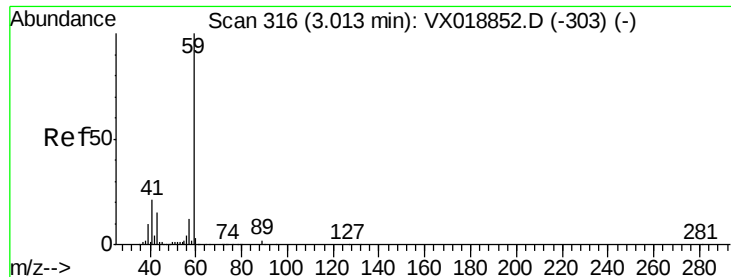
Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Tgt Ion:	142	Resp:	107476
Ion Ratio	Lower	Upper	
142	100		
127	47.7	42.0	63.0
141	14.3	11.8	17.6





#11

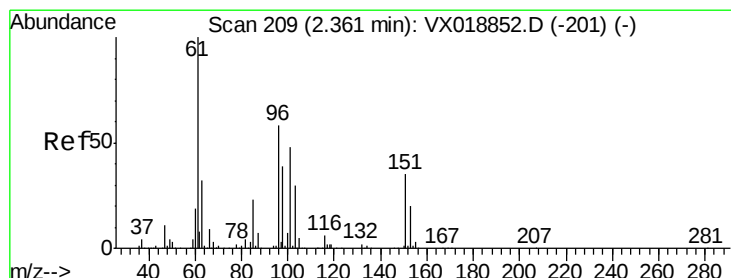
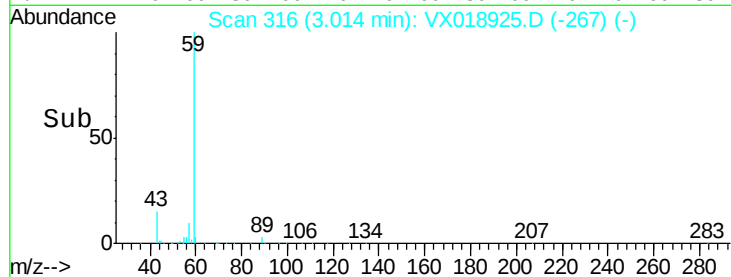
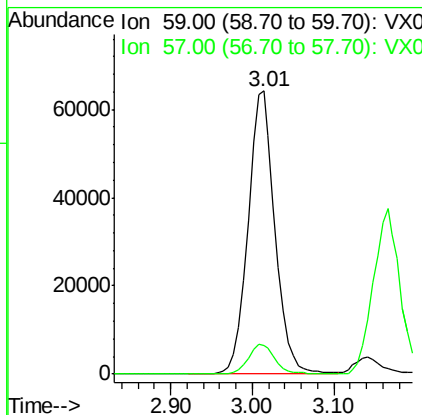
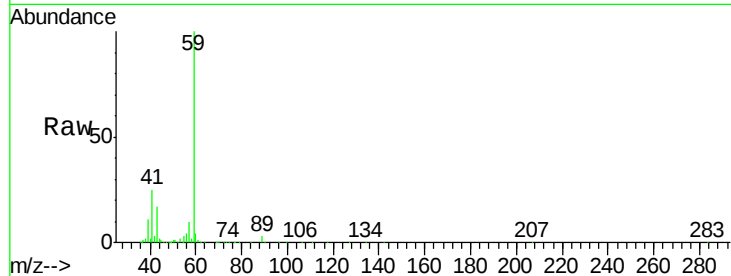
Tert butyl alcohol
 Concen: 242.440 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	9.0	13.6

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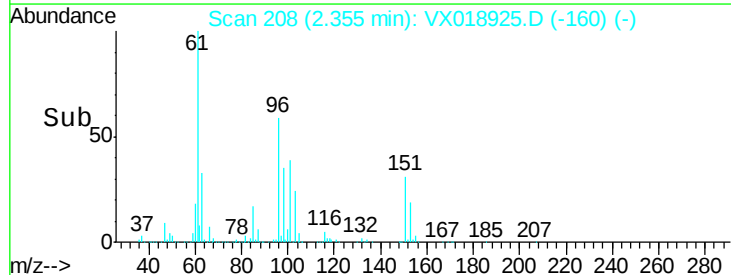
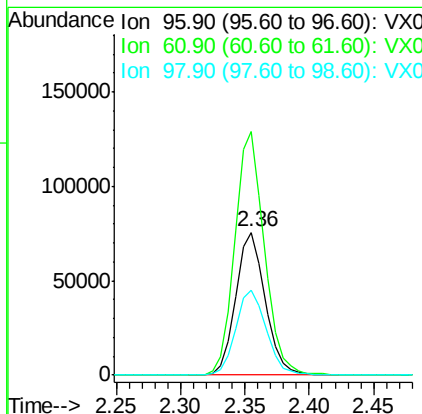
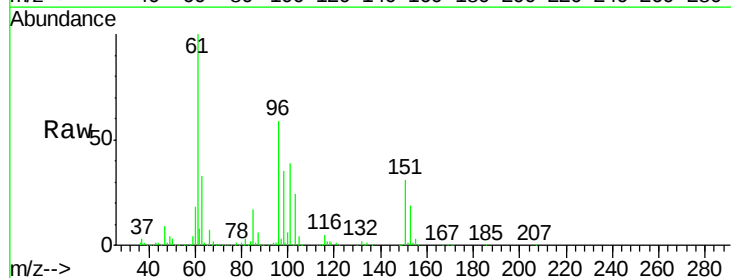
MMDadoda
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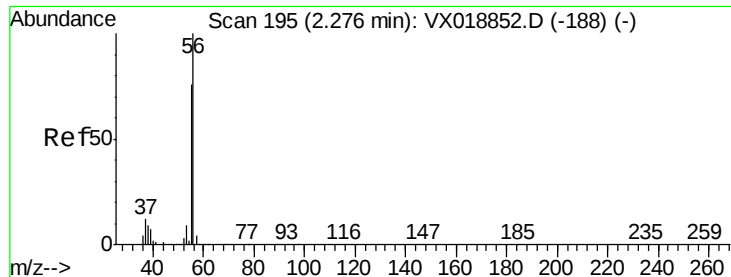


#12

1,1-Dichloroethene
 Concen: 49.540 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.5	137.0	205.6
98	59.1	53.9	80.9





#13

Acrolein

Concen: 232.108 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 117908

Ion Ratio Lower Upper

56 100

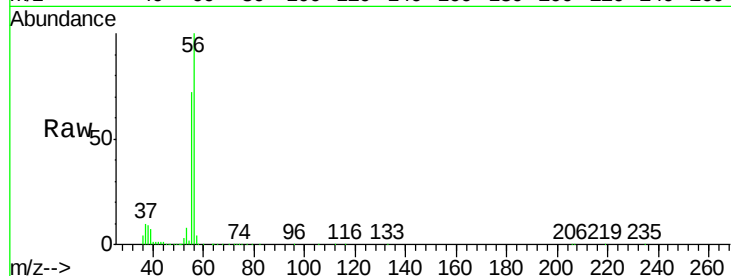
55 71.0 58.6 87.8

Manual Integrations

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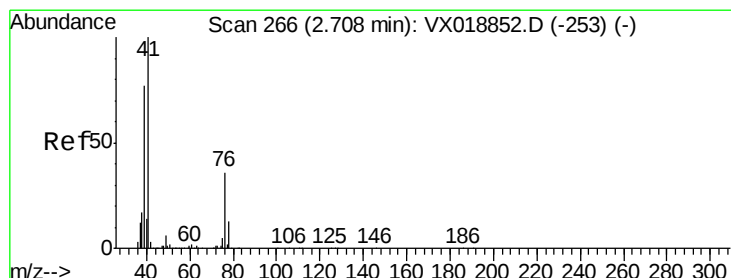
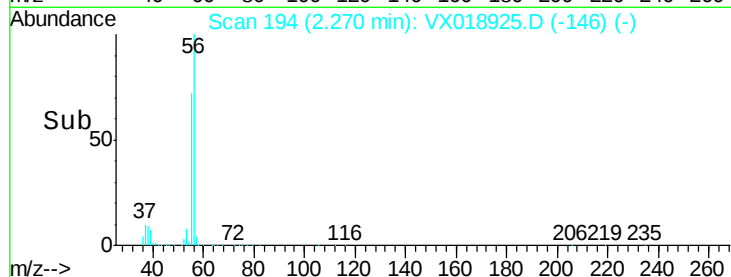
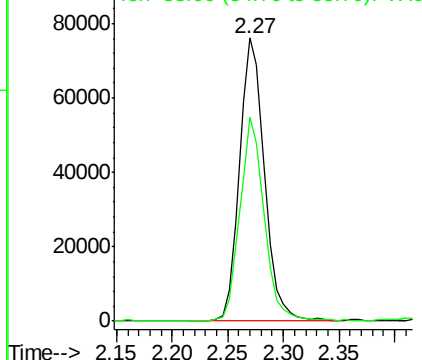
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.382 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

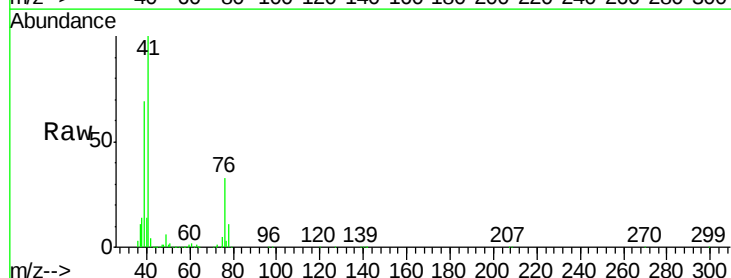
Tgt Ion: 41 Resp: 226132

Ion Ratio Lower Upper

41 100

39 65.9 57.8 86.8

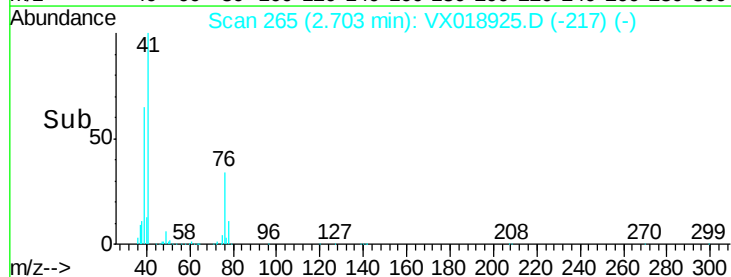
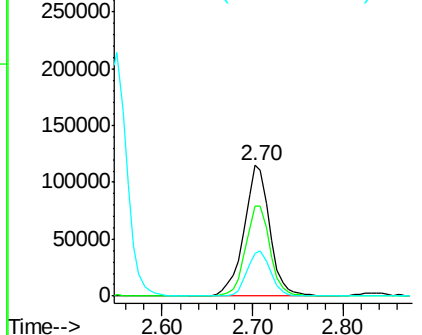
76 31.3 26.8 40.2

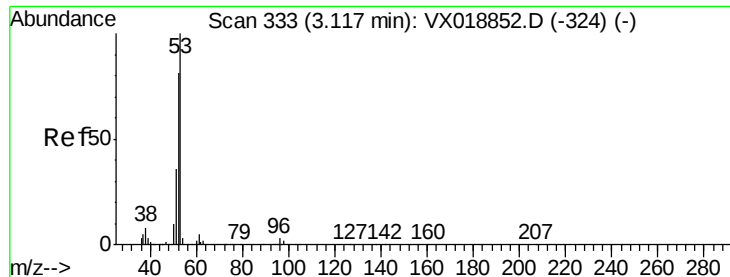


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





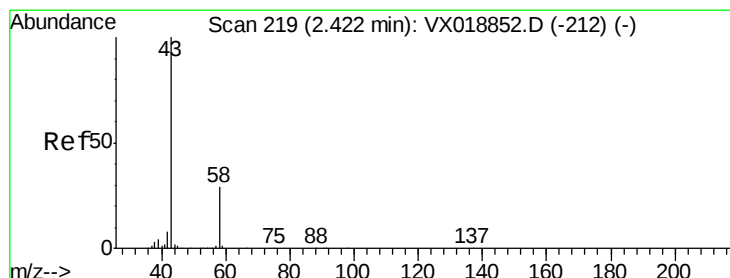
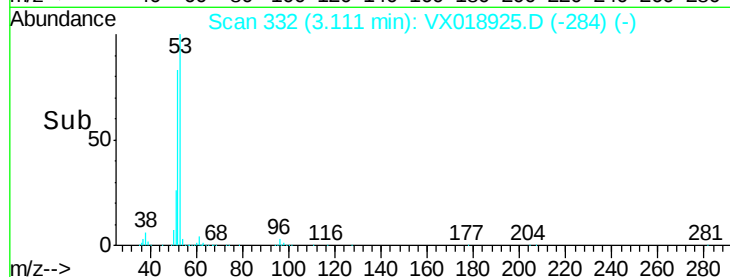
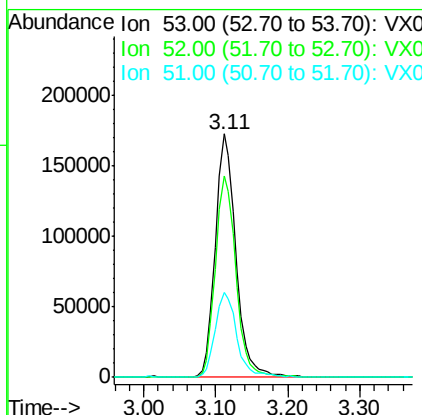
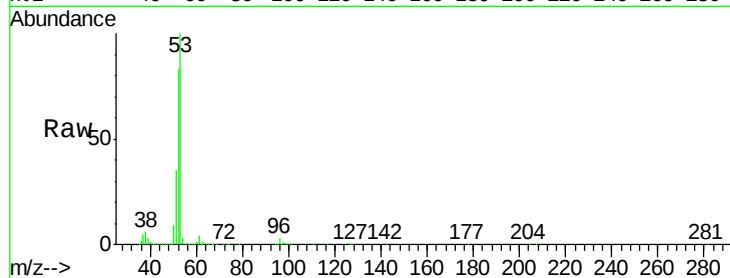
#15
 Acrylonitrile
 Concen: 264.687 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	36.6	30.3	45.5

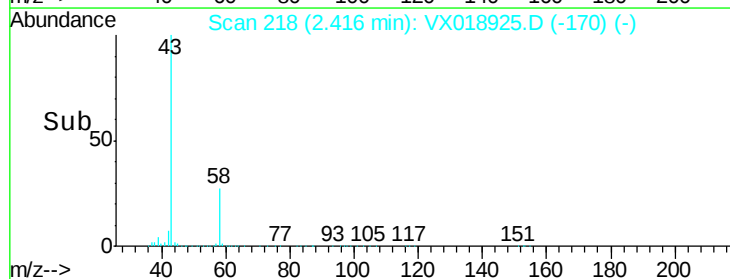
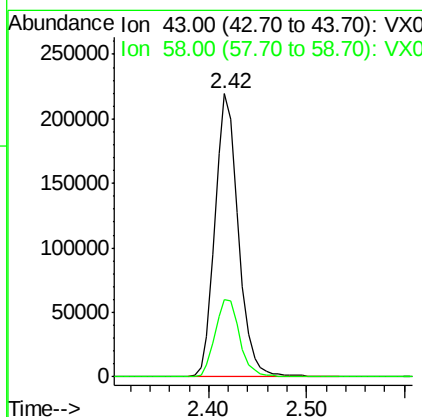
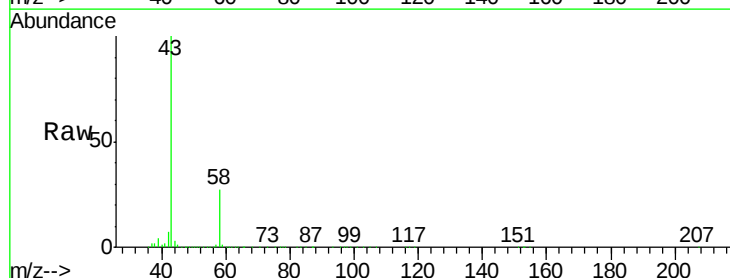
Manual Integrations
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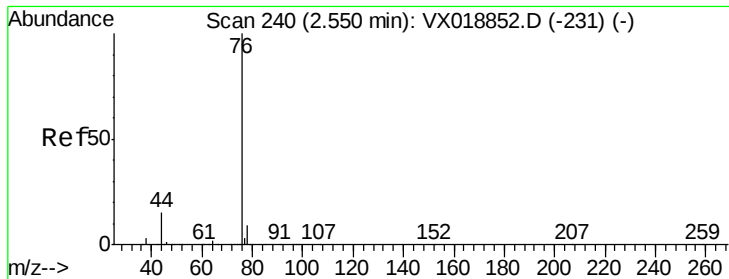
MMDadoda
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#16
 Acetone
 Concen: 246.348 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.4	23.0	34.4





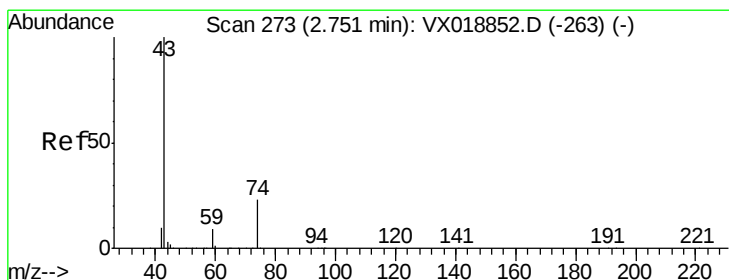
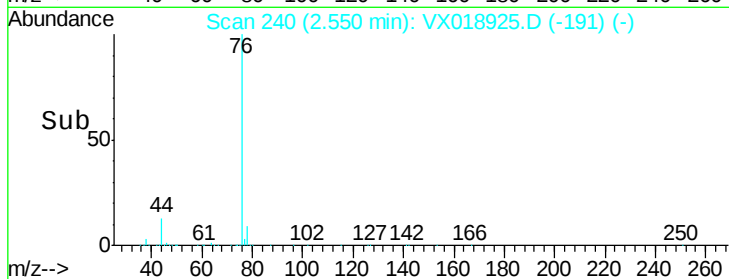
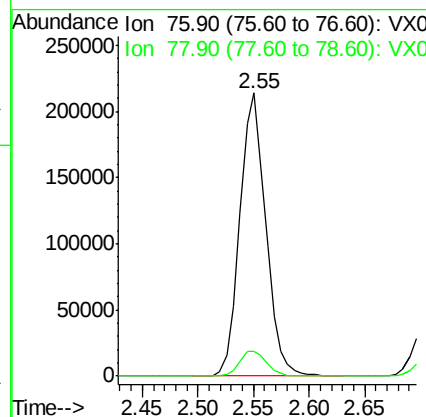
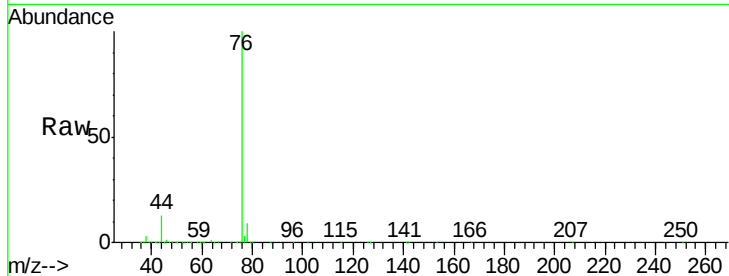
#17
Carbon Disulfide
Concen: 48.479 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

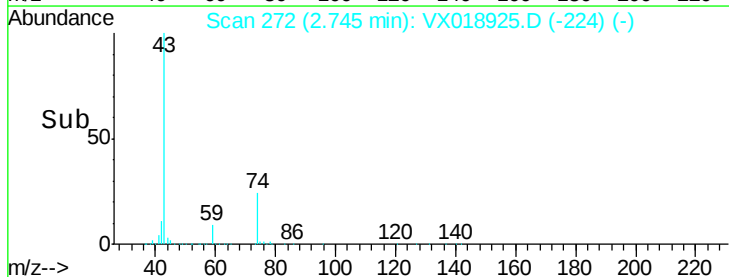
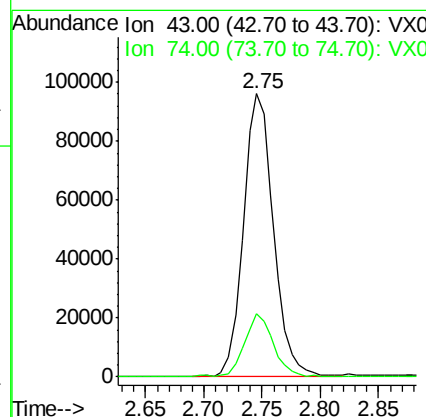
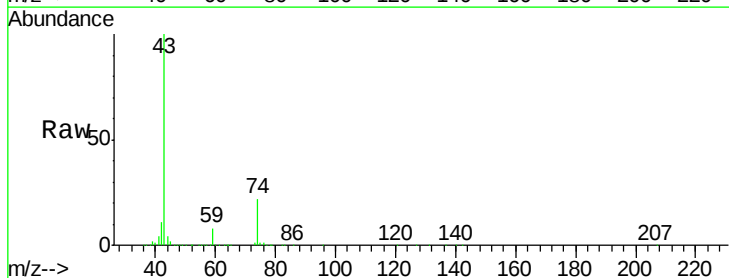
Manual Integrations
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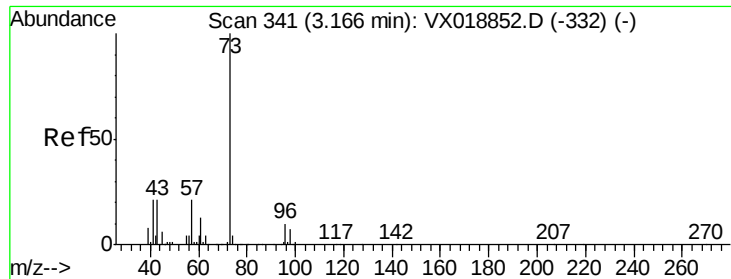
MMDadoda
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#18
Methyl Acetate
Concen: 53.624 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.9	28.3





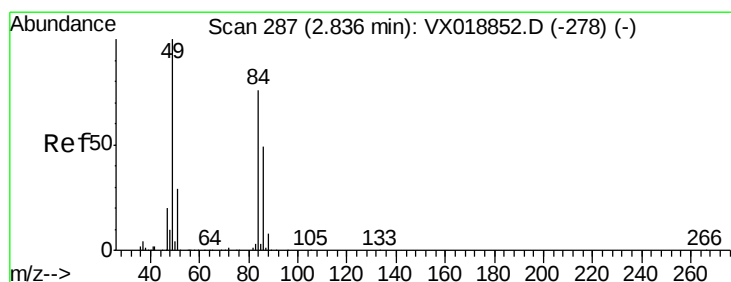
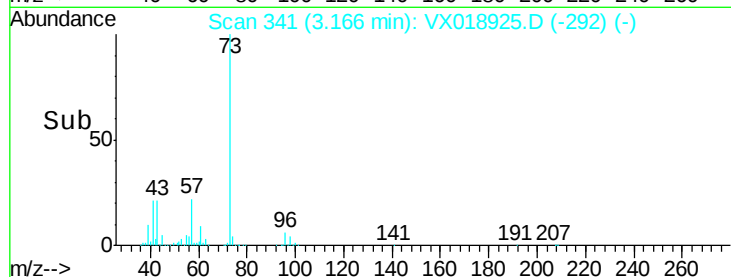
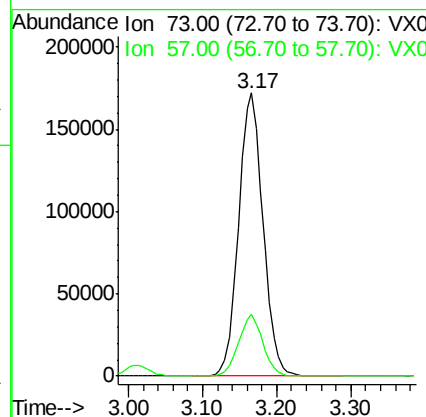
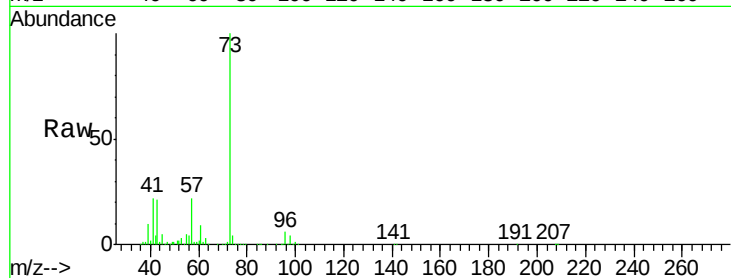
#19
Methvl tert-butvl Ether
Concen: 48.610 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	16.7	25.1

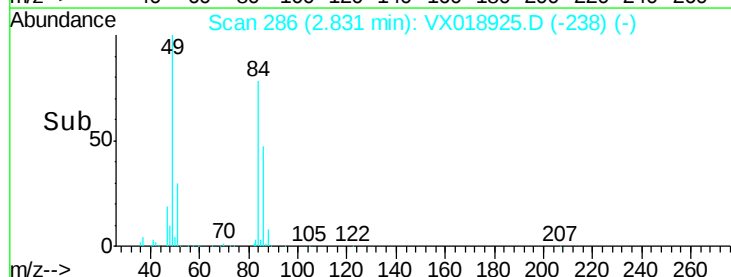
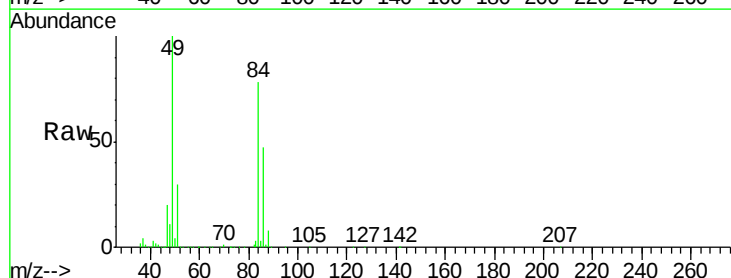
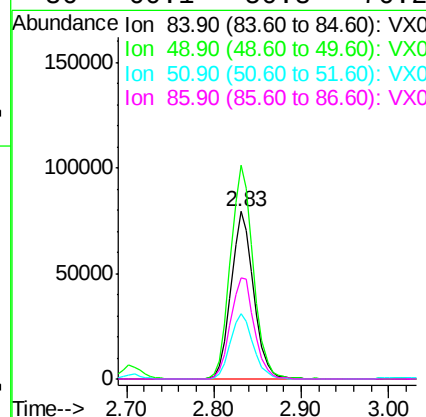
Manual Integrations
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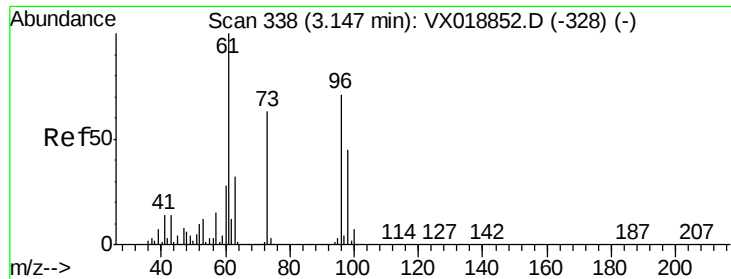
MMDadoda
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#20
Methylene Chloride
Concen: 51.343 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.4	104.8	157.2
51	38.5	30.6	46.0
86	60.1	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.550 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

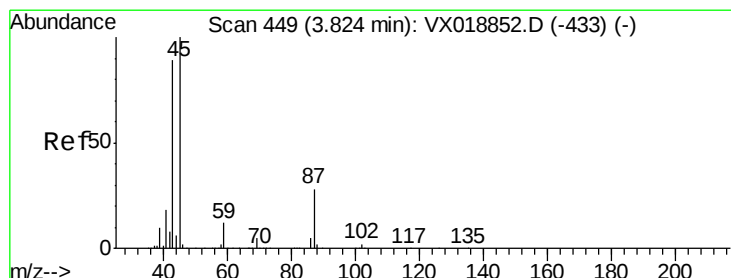
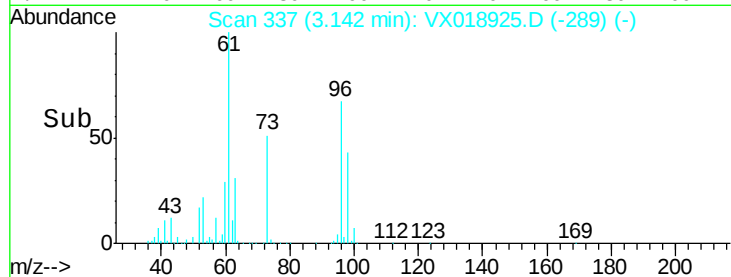
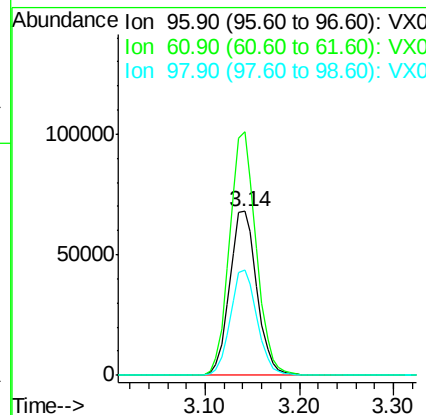
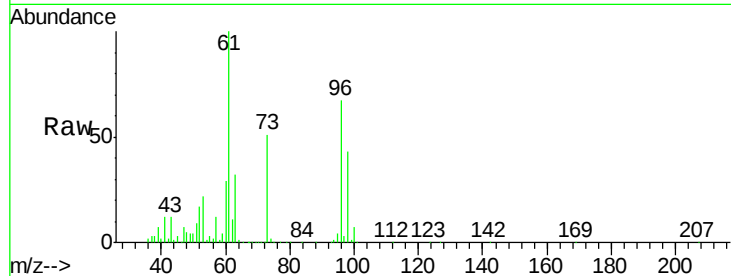
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	136688
Ion	Ratio	Lower	Upper
96	100		
61	148.4	112.0	168.0
98	64.4	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.125 ug/l

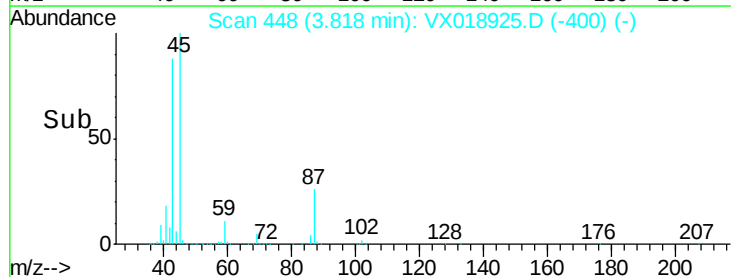
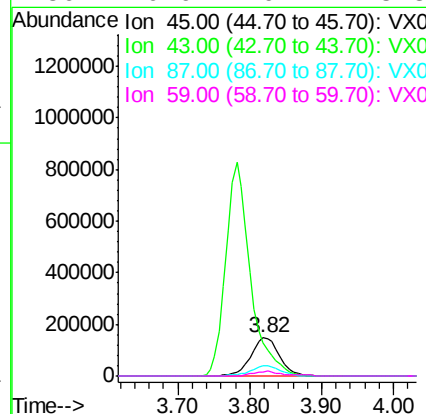
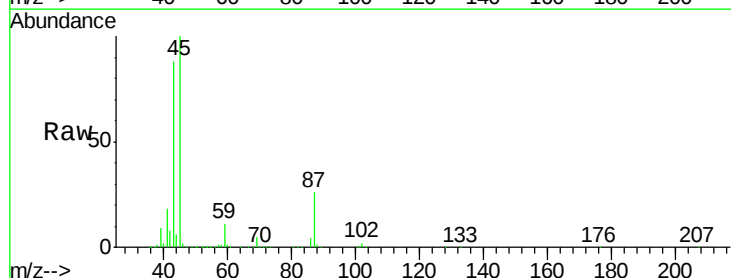
RT: 3.82 min Scan# 448

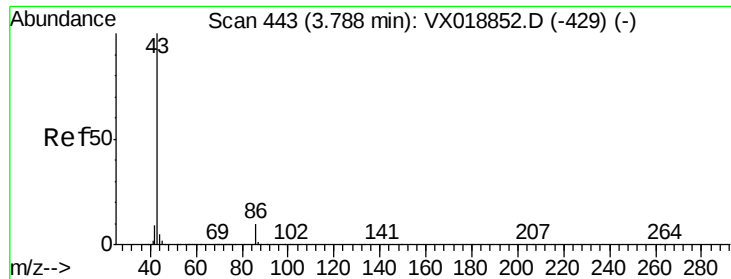
Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Tgt Ion:	45	Resp:	410564
Ion	Ratio	Lower	Upper
45	100		
43	88.0	71.2	106.8
87	25.5	22.5	33.7
59	10.9	9.2	13.8





#23

Vinyl Acetate

Concen: 262.201 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1986232

Ion Ratio Lower Upper

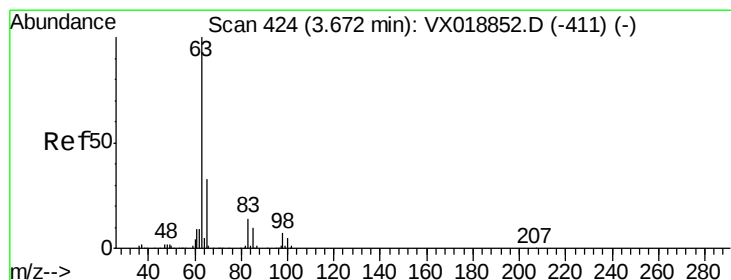
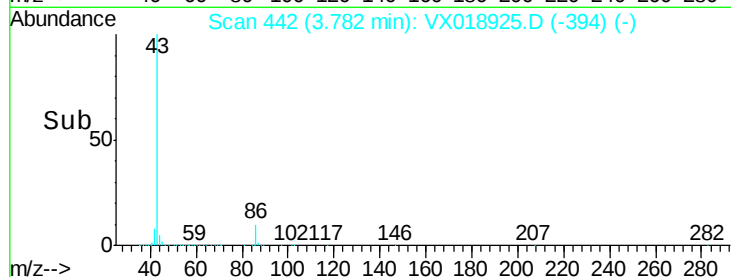
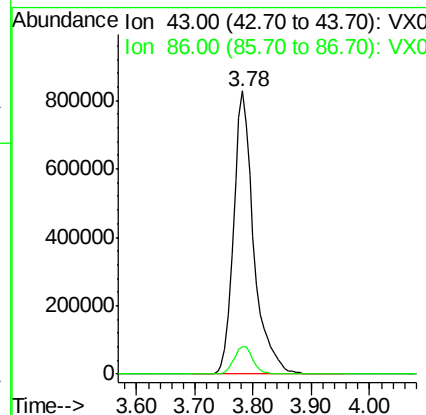
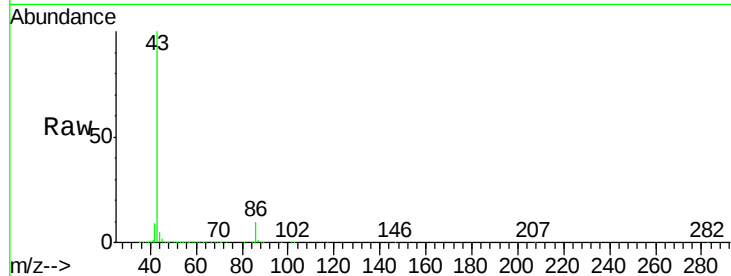
43 100

86 9.8 8.3 12.5

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 47.152 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

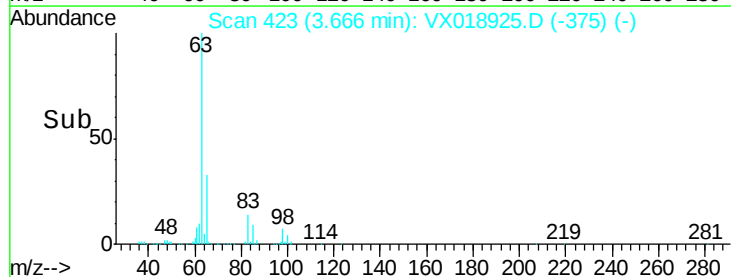
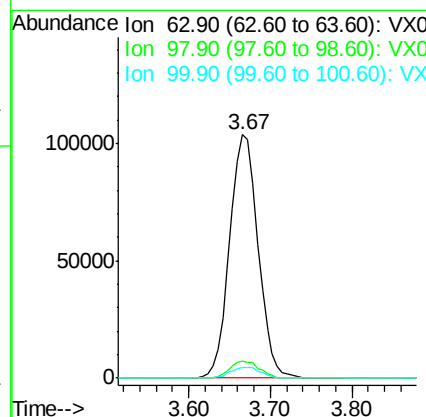
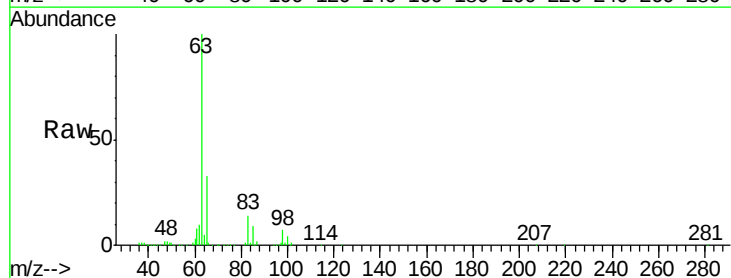
Tgt Ion: 63 Resp: 249701

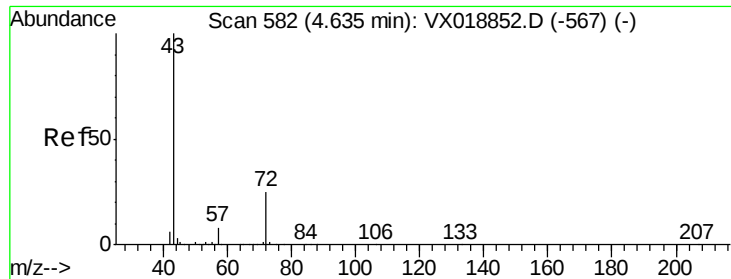
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

100 4.3 2.5 7.6





#25

2-Butanone

Concen: 240.260 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 504471

Ion Ratio Lower Upper

43 100

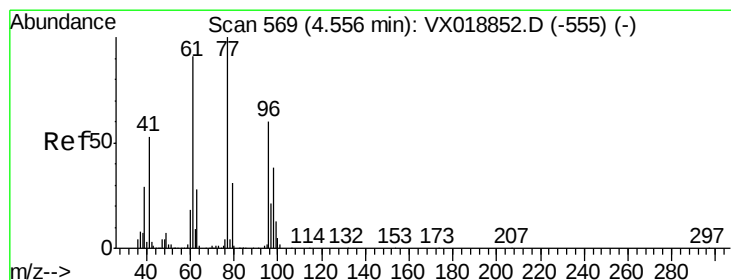
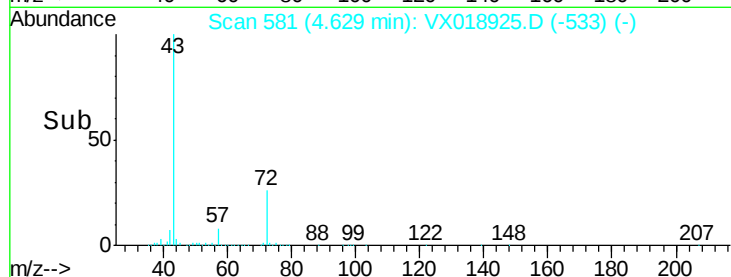
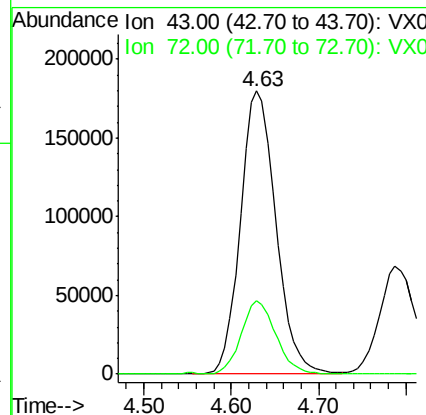
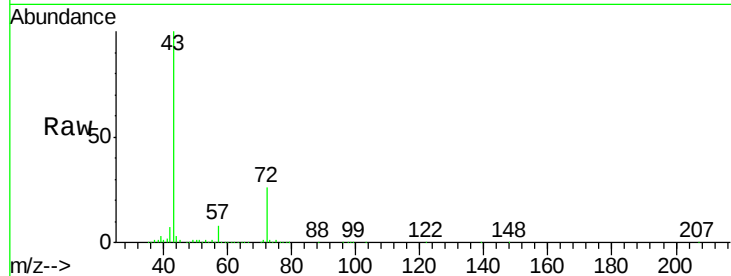
72 25.6 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.058 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018925.D

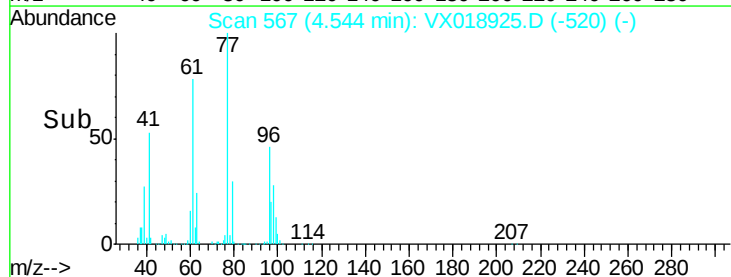
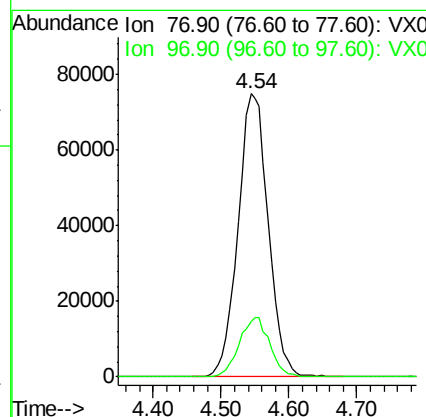
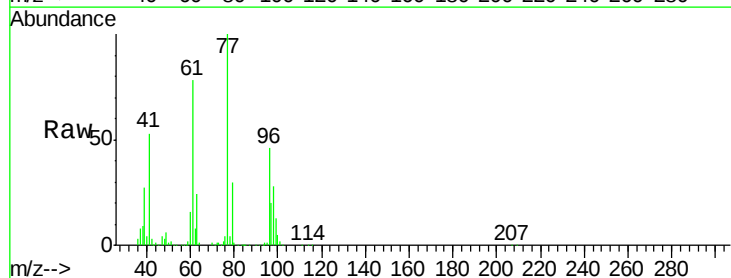
Acq: 13 Oct 2020 12:02

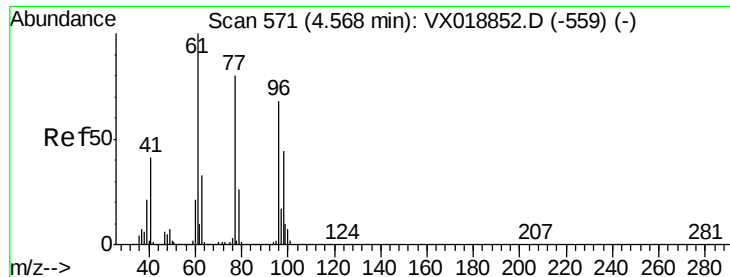
Tgt Ion: 77 Resp: 230227

Ion Ratio Lower Upper

77 100

97 21.1 10.4 31.4





#27

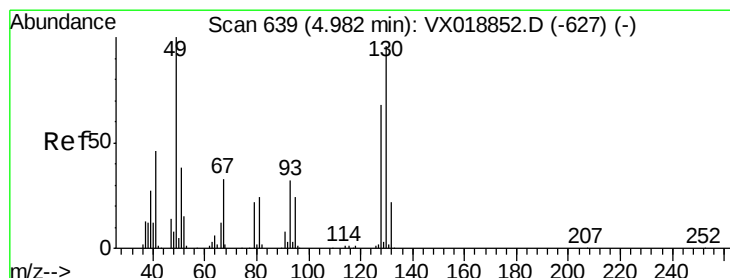
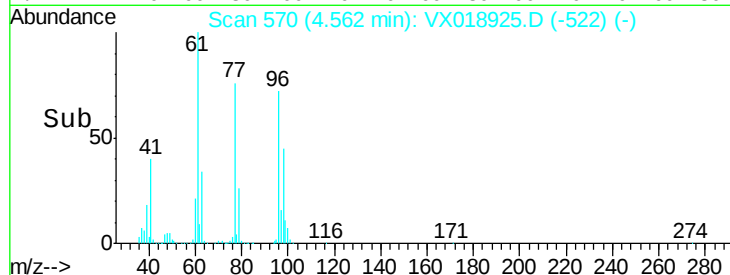
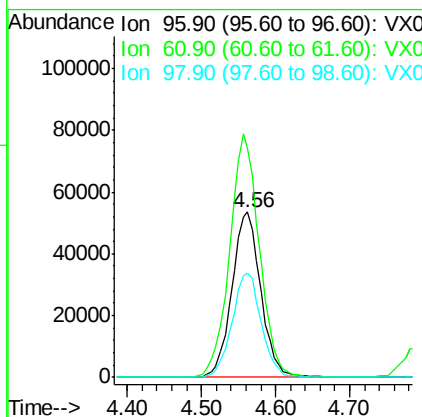
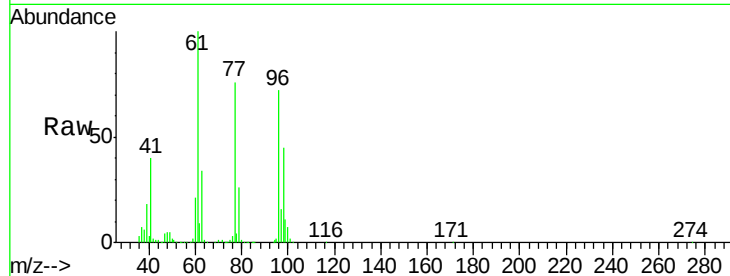
cis-1,2-Dichloroethene
Concen: 46.437 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	150.8	0.0	306.8	
98	63.9	0.0	130.2	

Manual Integrations
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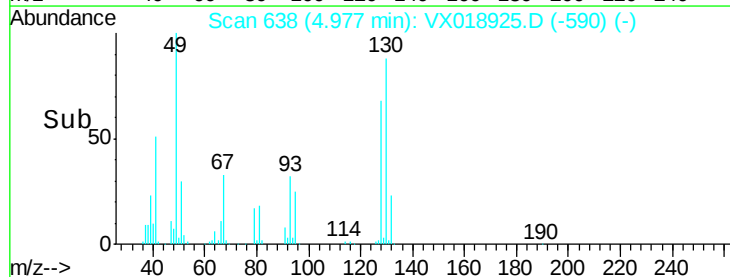
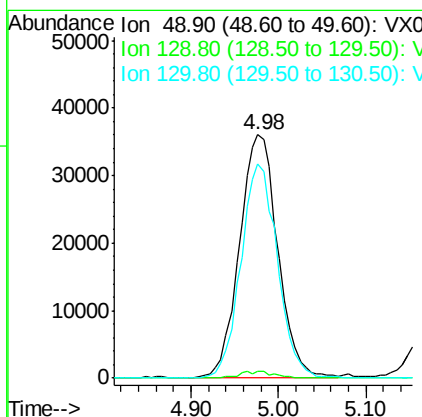
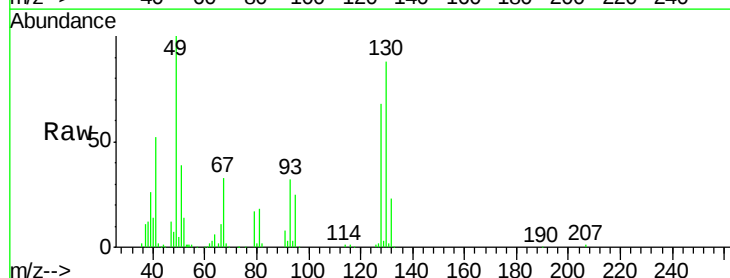
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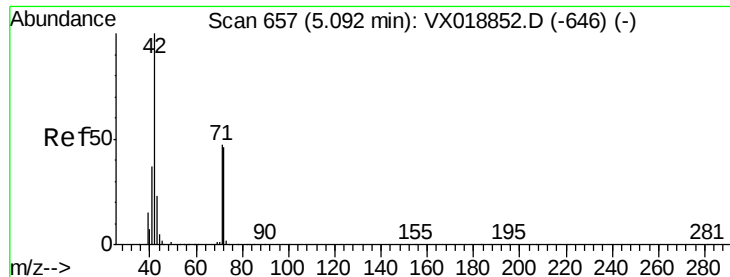


#28

Bromochloromethane
Concen: 46.756 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.2	0.0	5.4	
130	84.6	71.2	106.8	





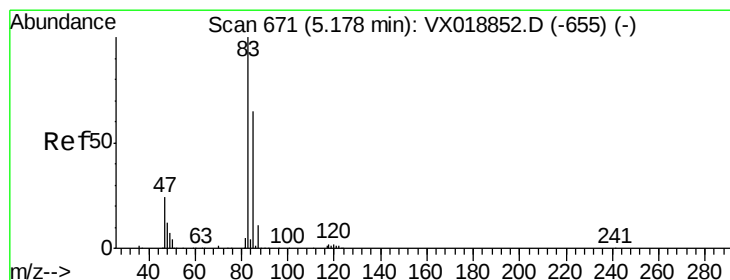
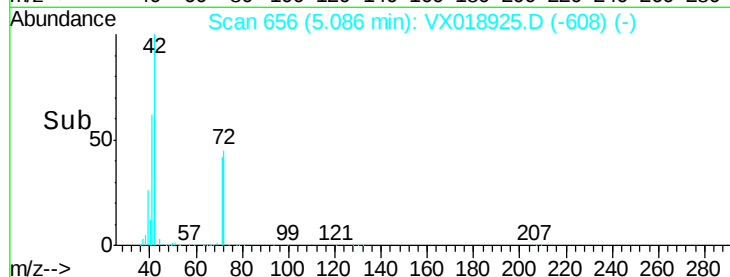
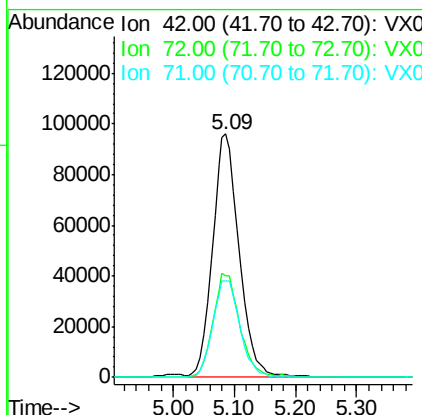
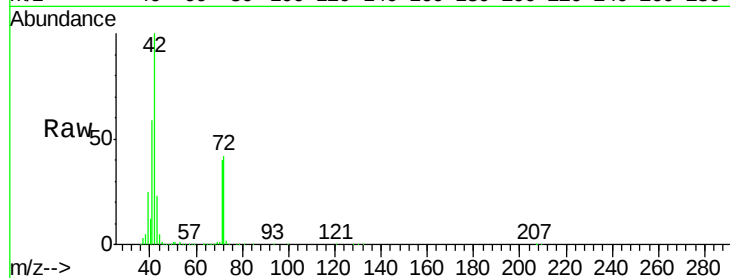
#29
Tetrahydrofuran
Concen: 257.559 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	290148
Ion	Ratio	Lower	Upper
42	100		
72	43.6	36.4	54.6
71	40.9	35.2	52.8

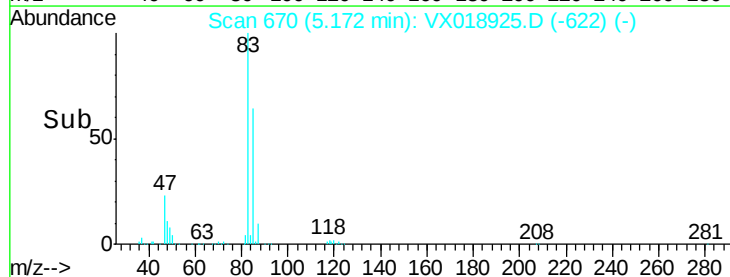
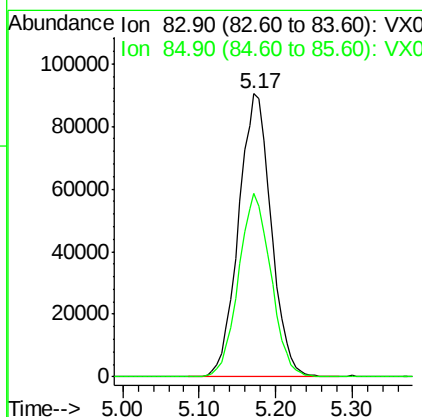
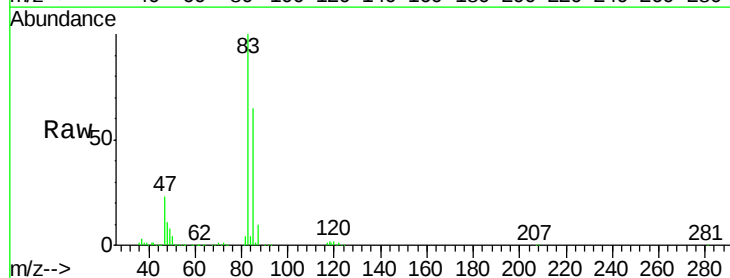
Manual Integrations
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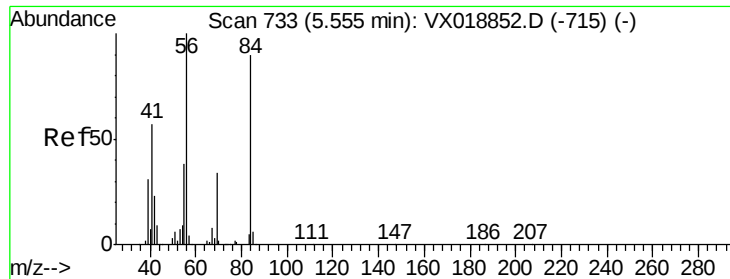
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#30
Chloroform
Concen: 45.847 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion:	83	Resp:	267499
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8





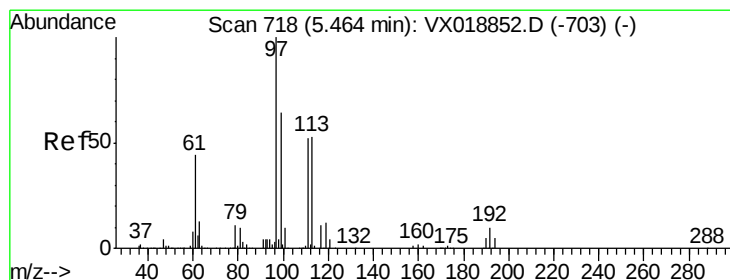
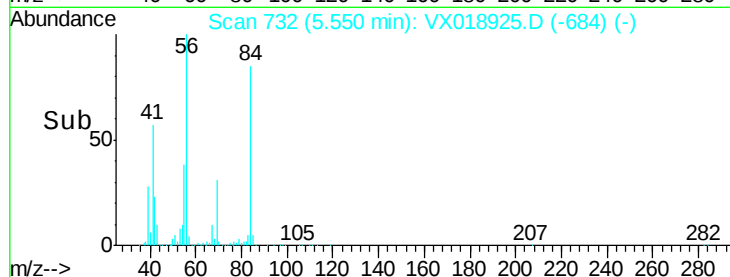
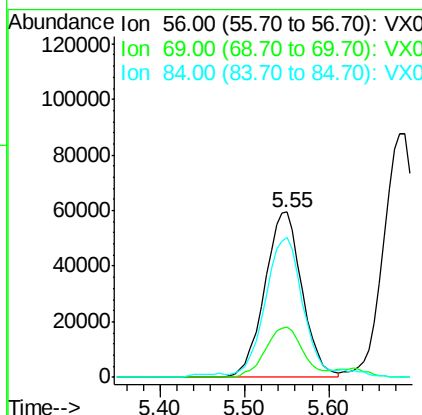
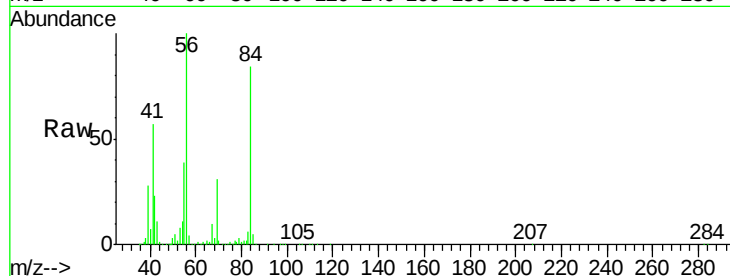
#31
Cyclohexane
Concen: 50.294 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	27.1	40.7
84	83.4	71.7	107.5

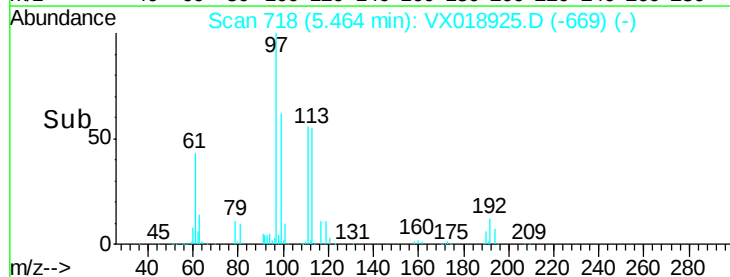
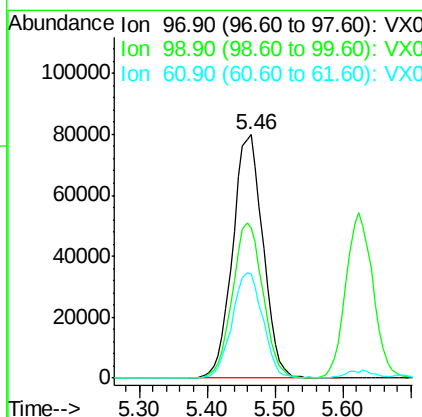
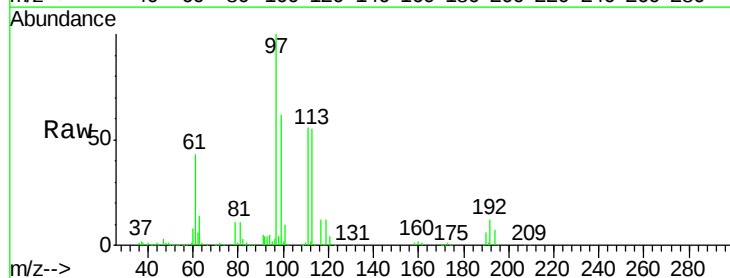
Manual Integrations
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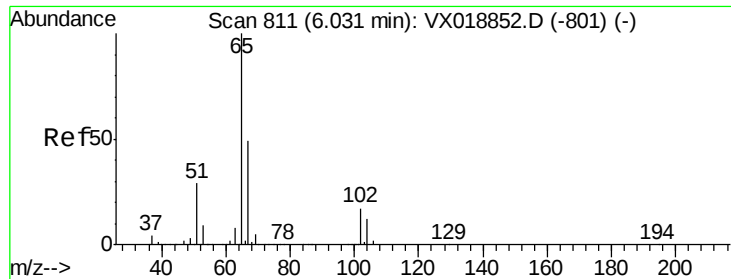
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#32
1,1,1-Trichloroethane
Concen: 44.644 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.1	78.1
61	43.7	35.3	52.9





#33

1,2-Dichloroethane-d4

Concen: 44.976 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 174353

Ion Ratio Lower Upper

65 100

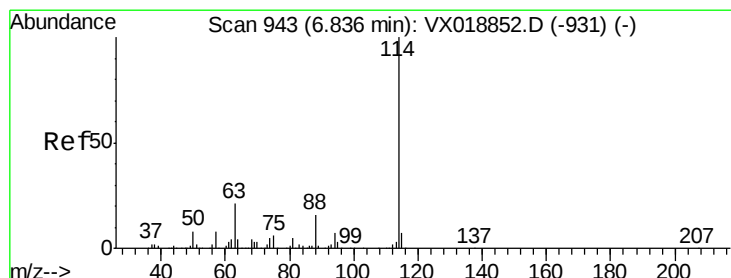
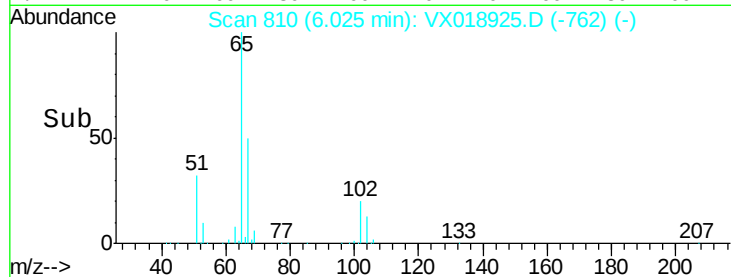
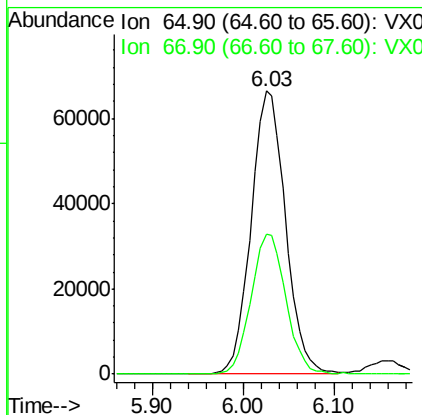
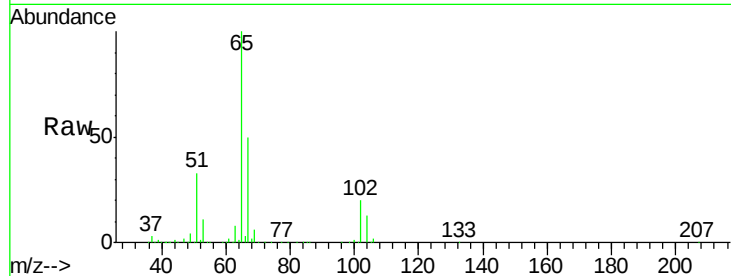
67 49.9 0.0 97.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

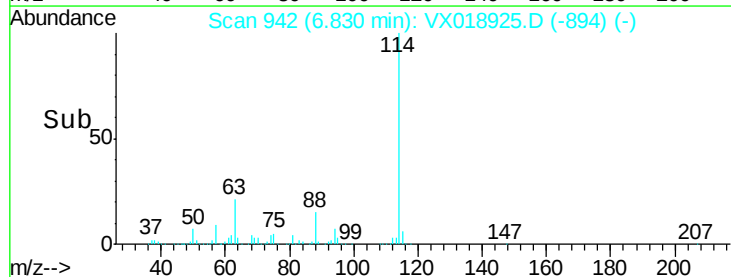
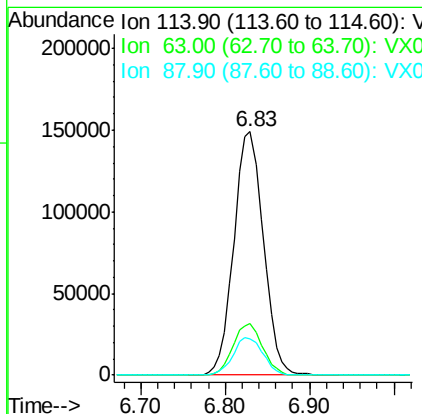
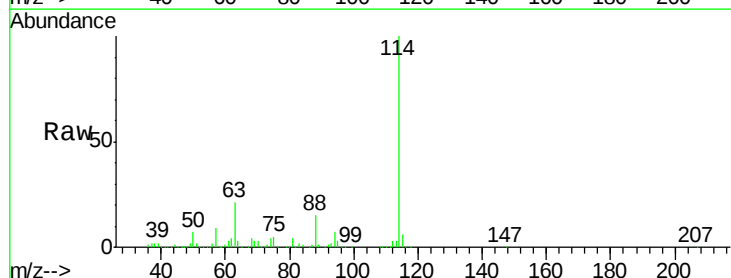
Tgt Ion: 114 Resp: 353130

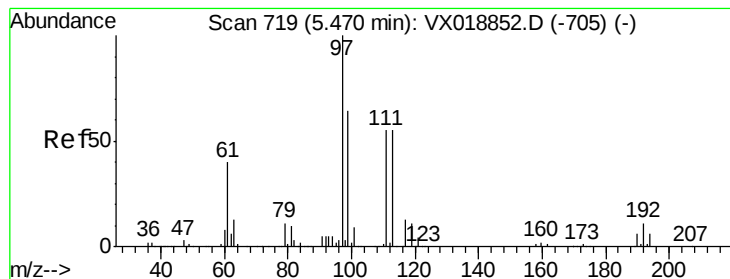
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.819 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

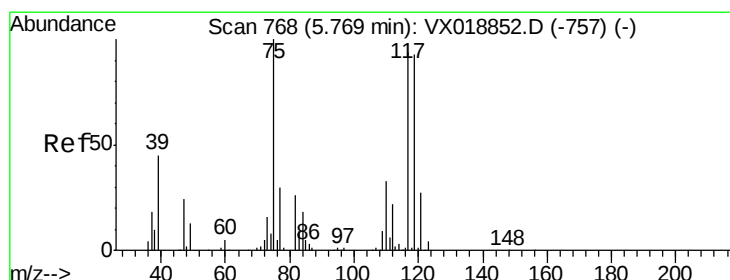
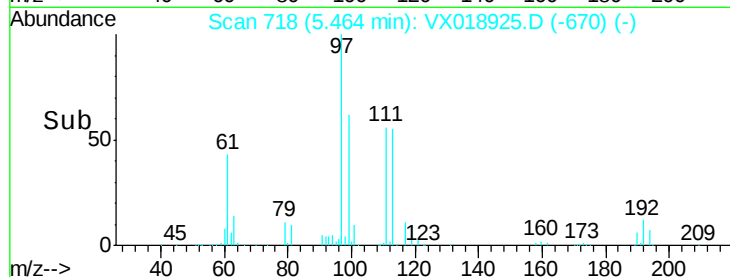
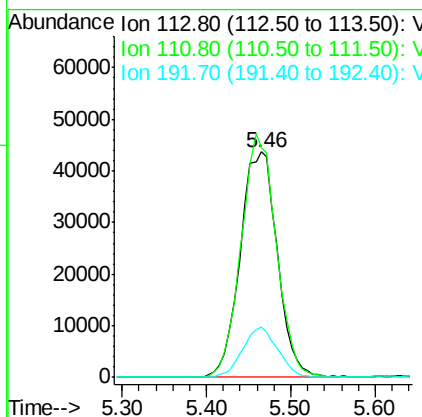
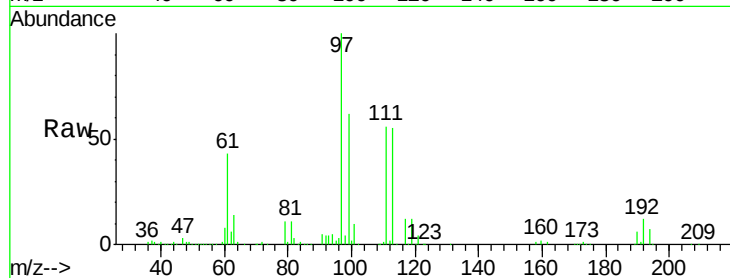
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	130410
Ion Ratio	Lower	Upper	
113	100		
111	102.0	80.1	120.1
192	21.1	16.0	24.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.339 ug/l

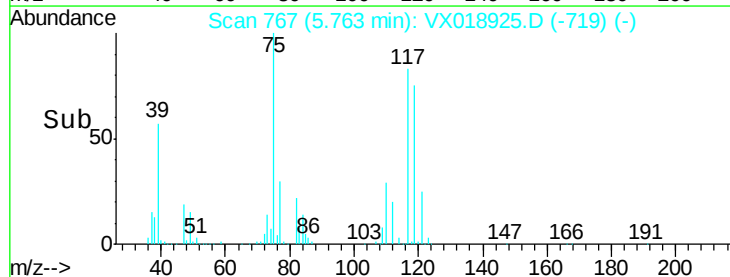
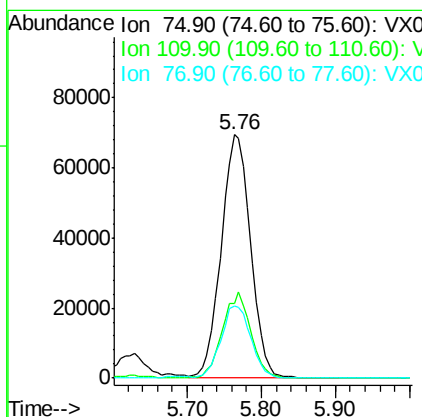
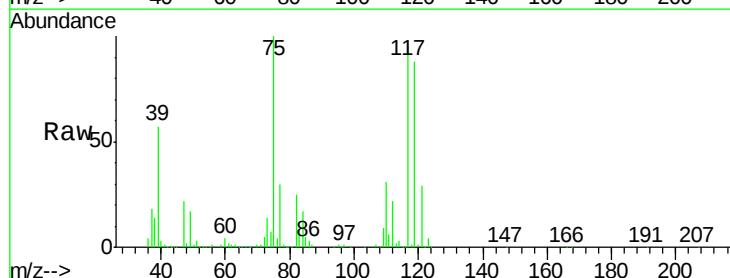
RT: 5.76 min Scan# 767

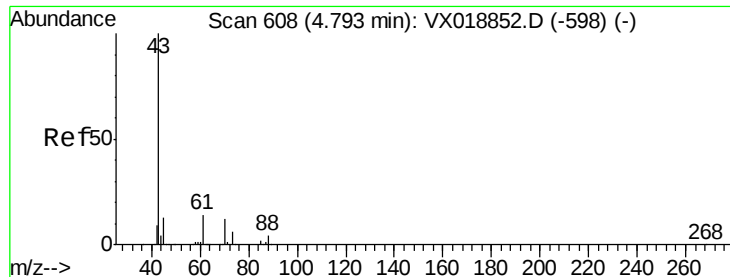
Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Tgt Ion:	75	Resp:	190611
Ion Ratio	Lower	Upper	
75	100		
110	34.1	17.8	53.5
77	30.1	24.2	36.4





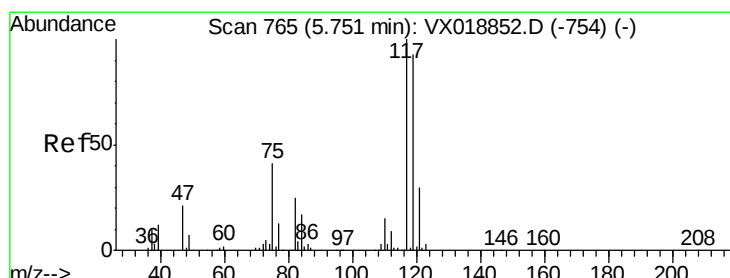
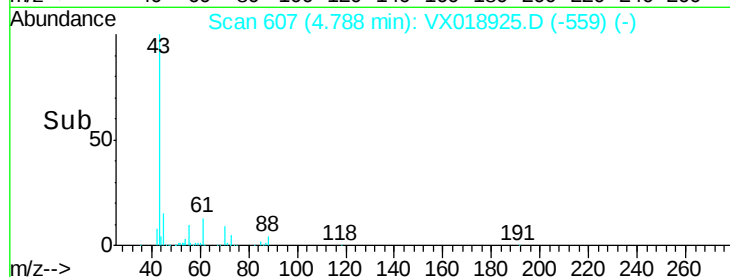
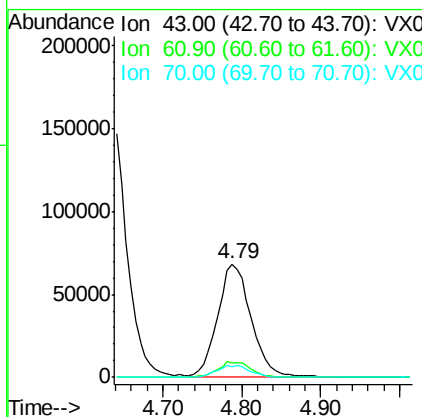
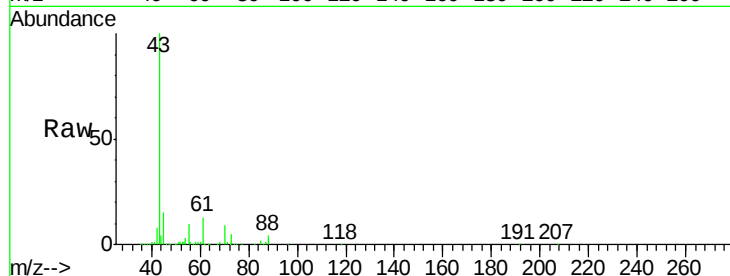
#37
Ethyl Acetate
Concen: 55.643 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	199503
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.9	16.3
70	10.6	8.6	13.0

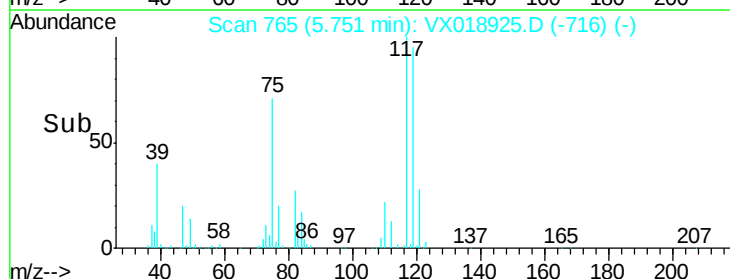
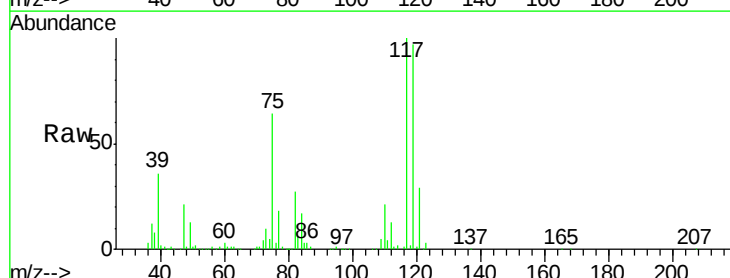
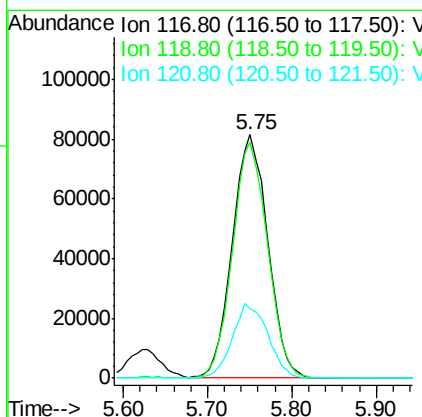
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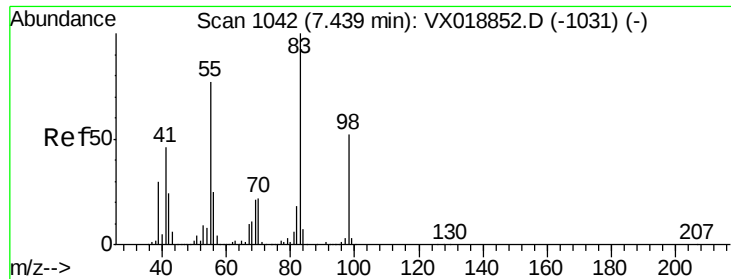
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#38
Carbon Tetrachloride
Concen: 50.578 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	117	Resp	232755
Ion Ratio	Lower	Upper	
117	100		
119	97.1	73.9	110.9
121	28.7	23.6	35.4





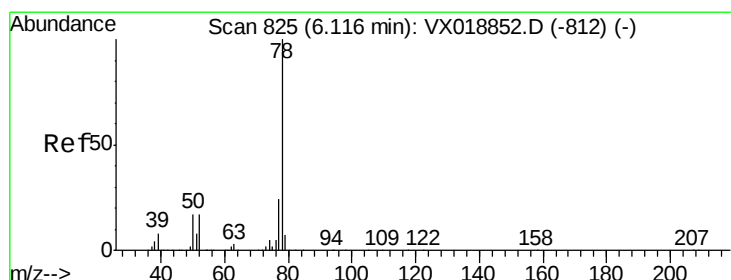
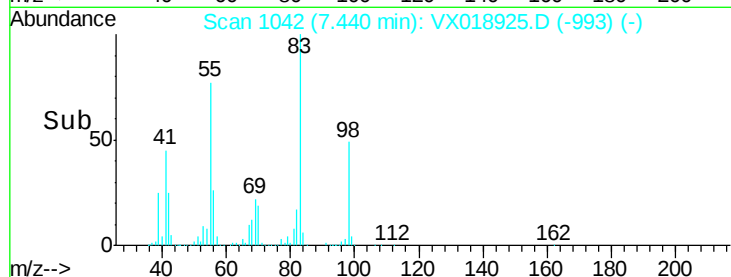
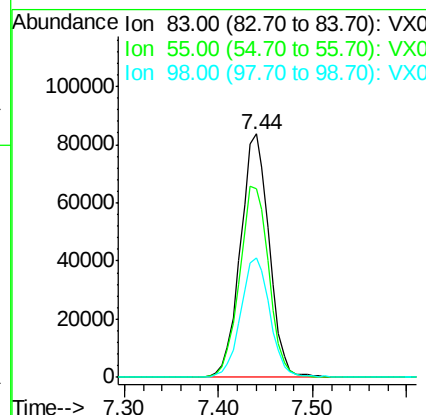
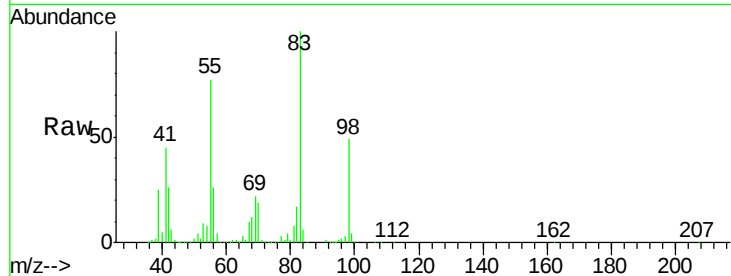
#39
Methylvlcyclohexane
Concen: 51.894 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	177611		
55	77.3	61.8	92.6	
98	49.3	41.4	62.0	

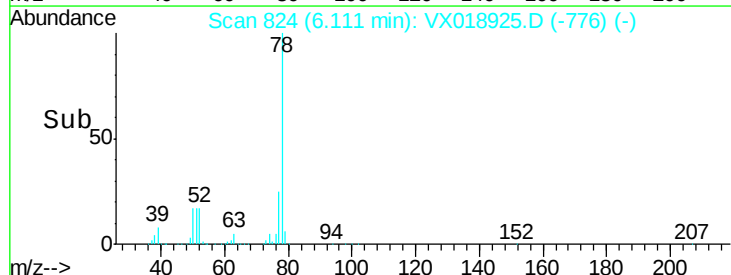
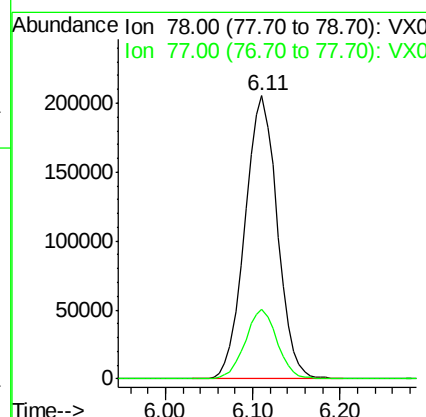
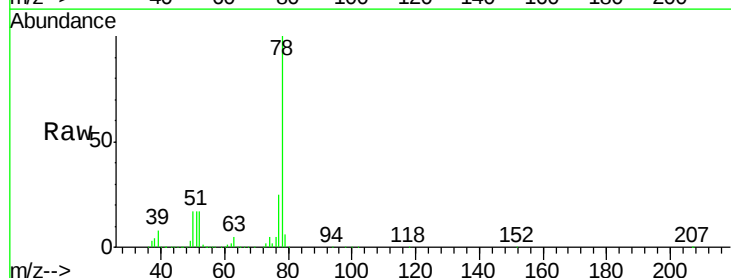
Manual Integrations
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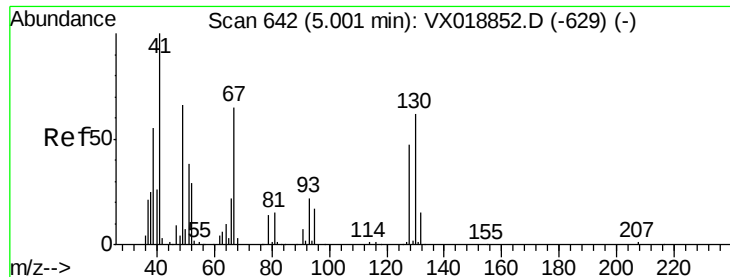
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#40
Benzene
Concen: 53.022 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	528894		
77	24.8	19.1	28.7	





#41

Methacrylonitrile

Concen: 50.977 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

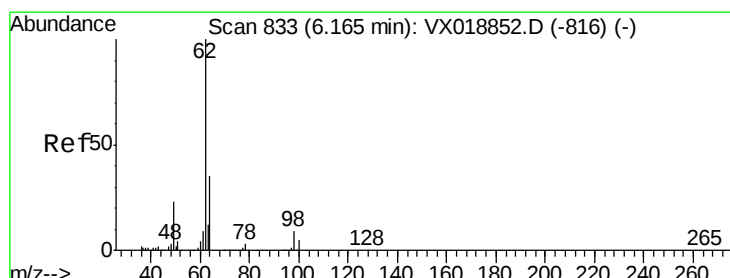
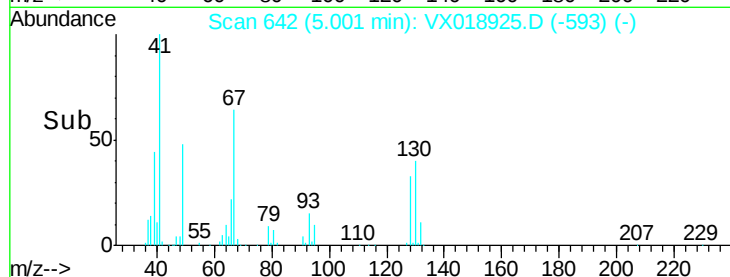
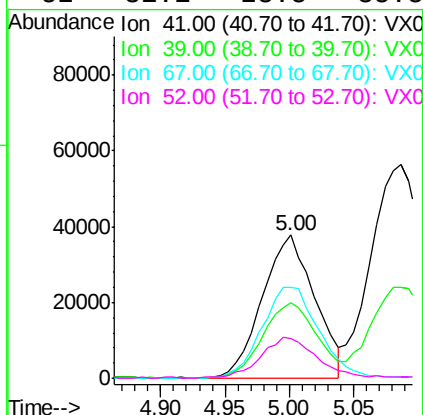
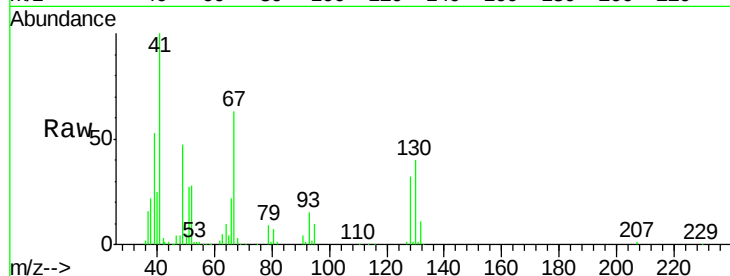
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	45.4	68.2	
67	69.8	55.4	83.2	
52	31.1	23.8	35.8	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.465 ug/l

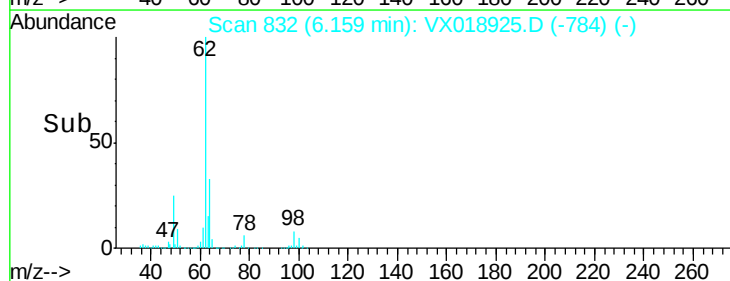
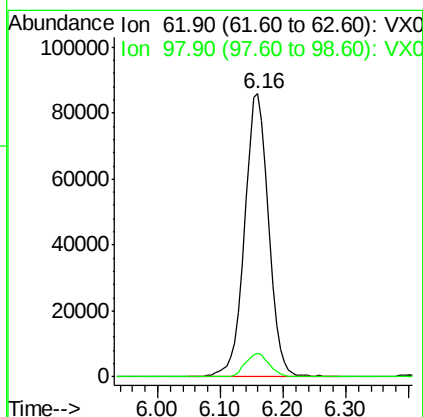
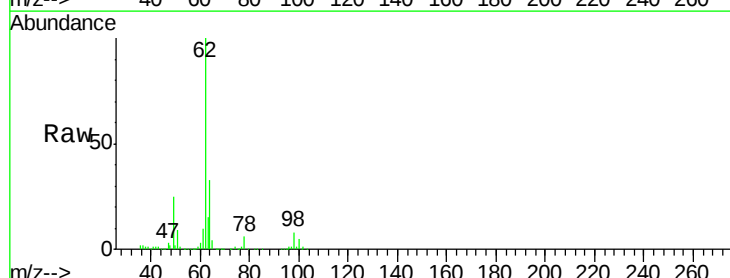
RT: 6.16 min Scan# 832

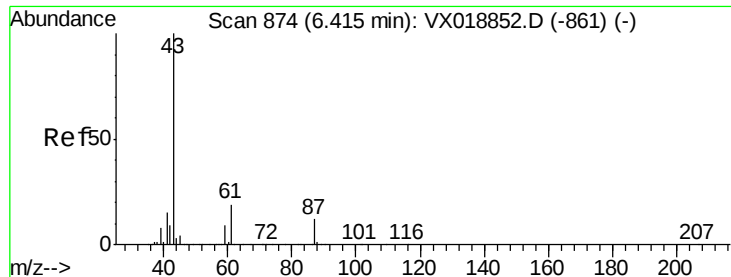
Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.4	





#43

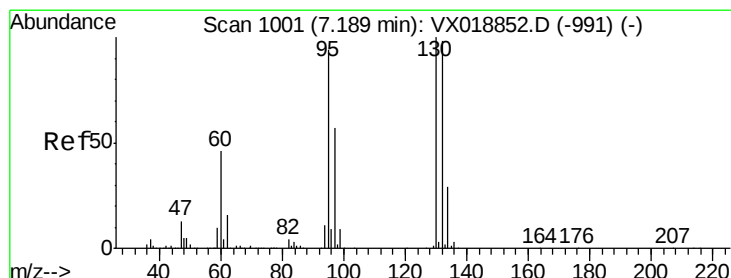
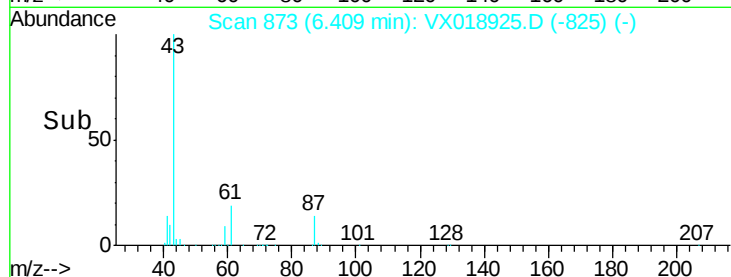
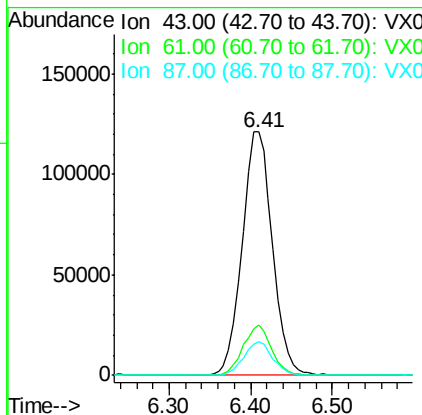
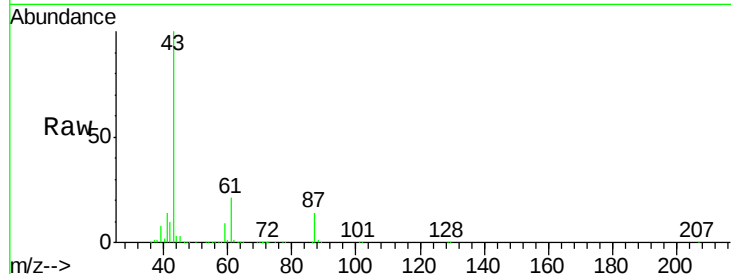
Isopropyl Acetate
 Concen: 52.063 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.5	23.3
87	13.4	10.8	16.2

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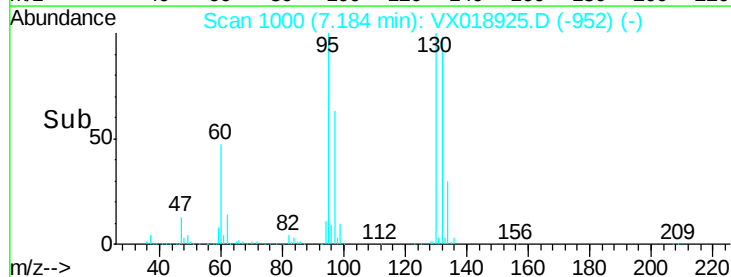
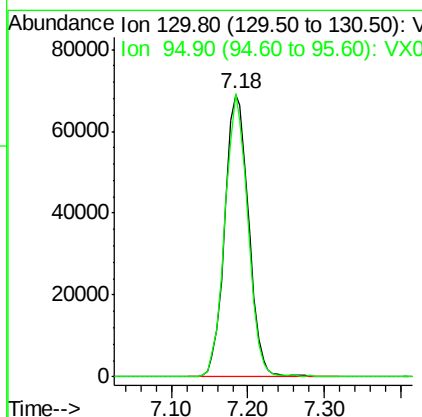
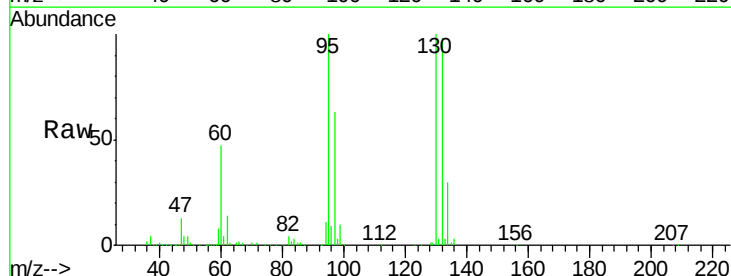
MMDadoda
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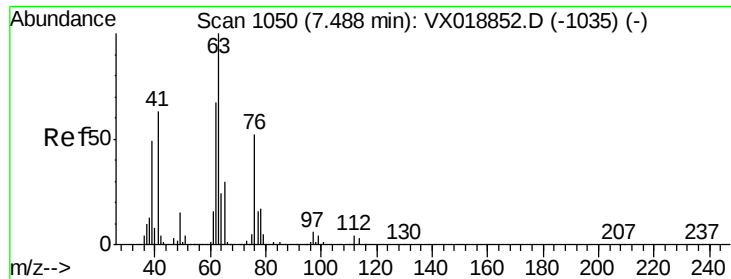


#44

Trichloroethene
 Concen: 49.778 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	188.4





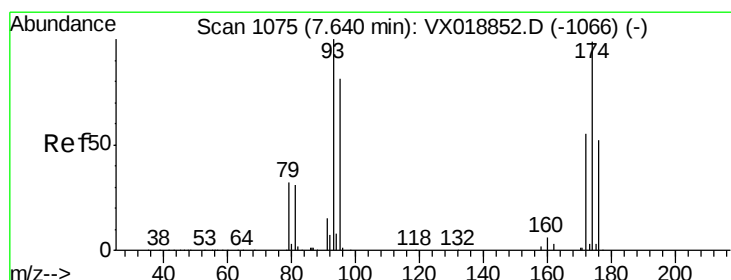
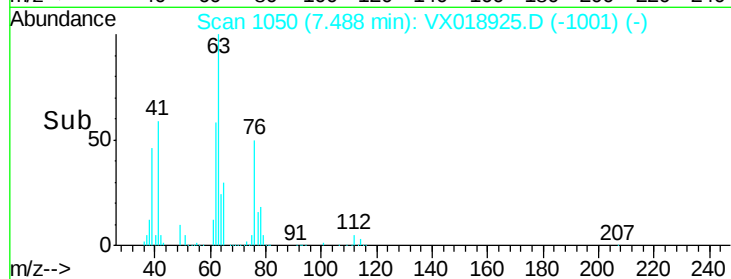
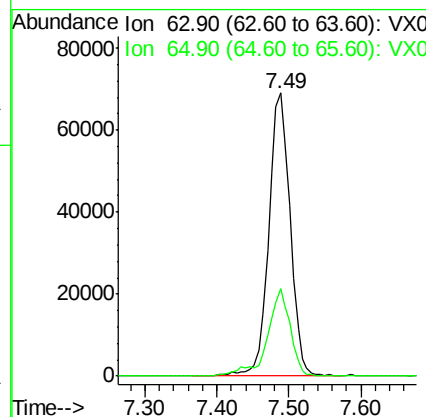
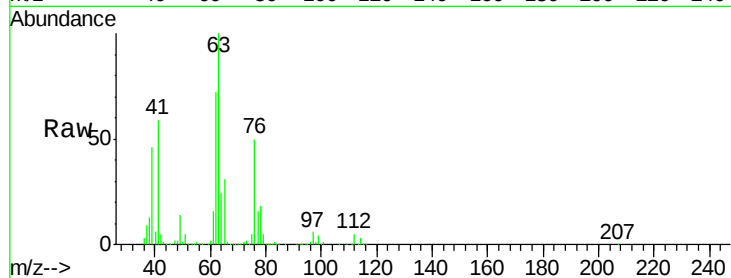
#45
 1,2-Dichloropropane
 Concen: 54.006 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.2	36.4

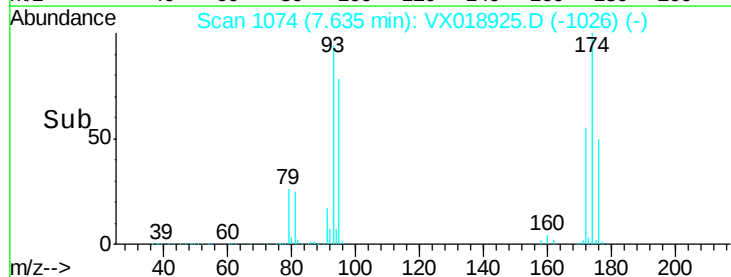
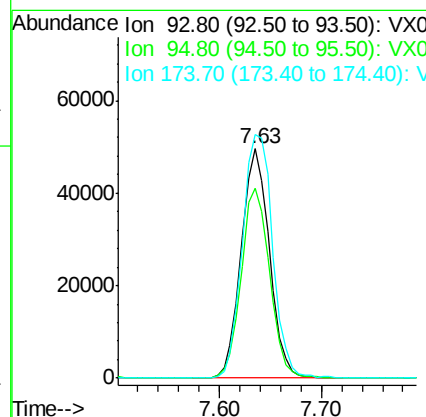
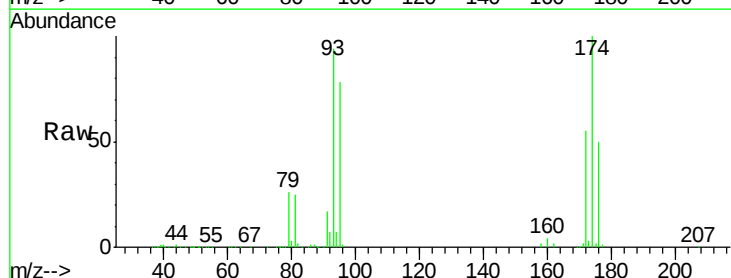
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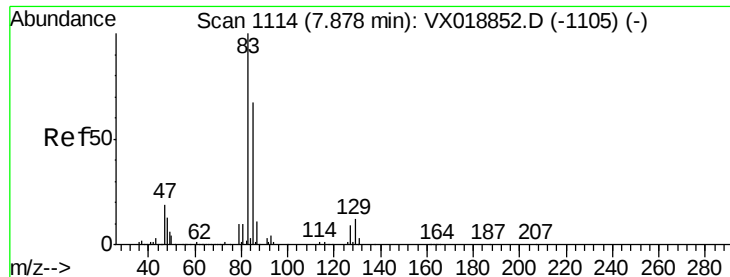
MMDadoda
 10/14/2020 2:08:24 PM



#46
 Dibromomethane
 Concen: 48.788 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.1	99.1
174	113.9	84.6	127.0





#47

Bromodichloromethane

Concen: 51.787 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

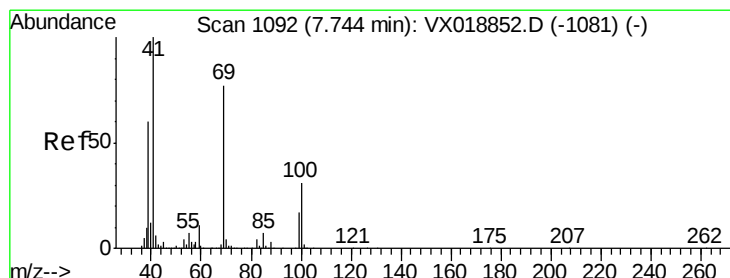
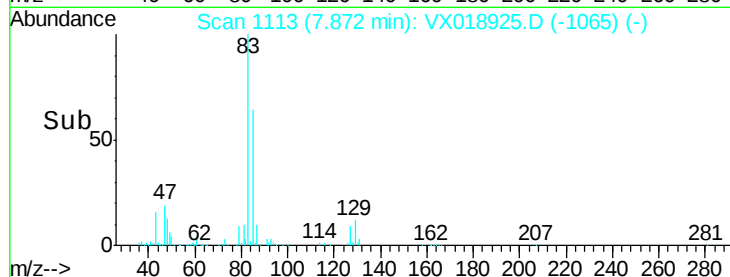
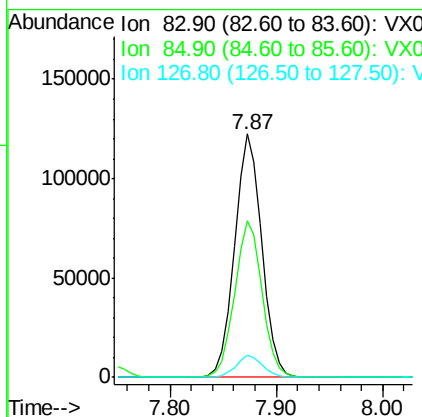
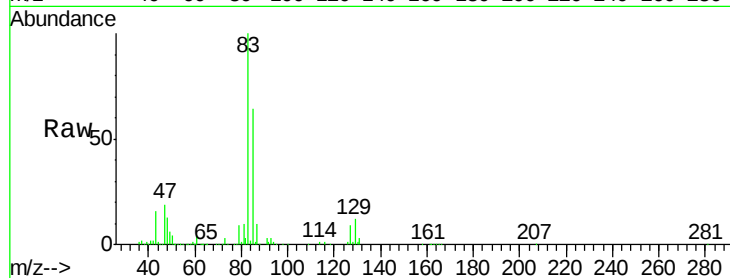
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	218889
Ion Ratio	Lower	Upper	
83	100		
85	64.5	53.8	80.6
127	9.2	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.753 ug/l

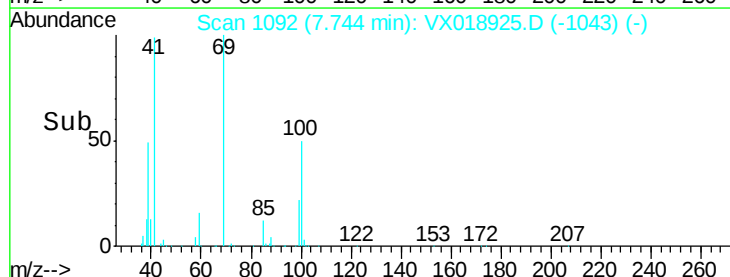
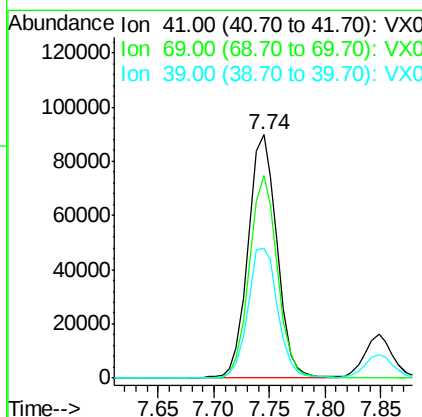
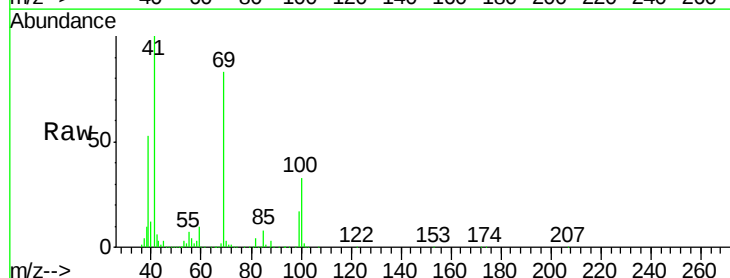
RT: 7.74 min Scan# 1092

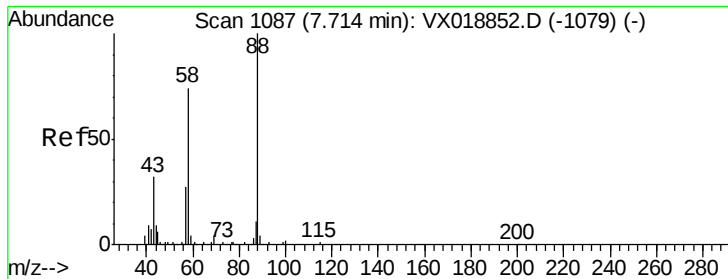
Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Tgt Ion:	41	Resp:	162521
Ion Ratio	Lower	Upper	
41	100		
69	80.9	64.6	97.0
39	55.2	48.6	73.0





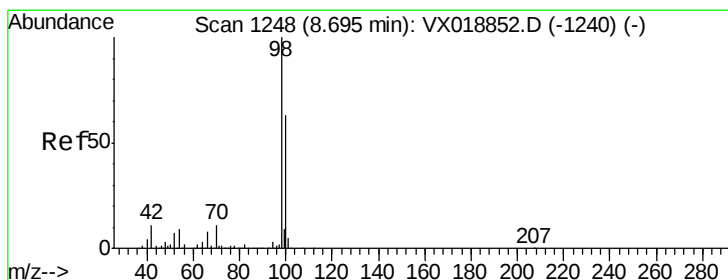
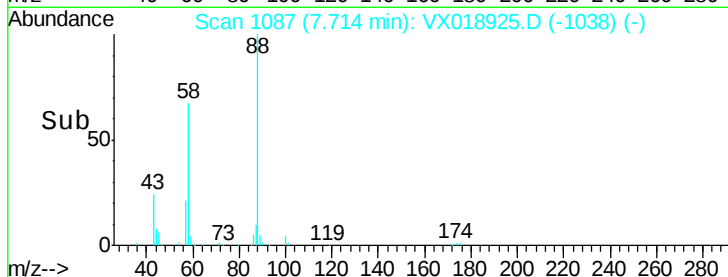
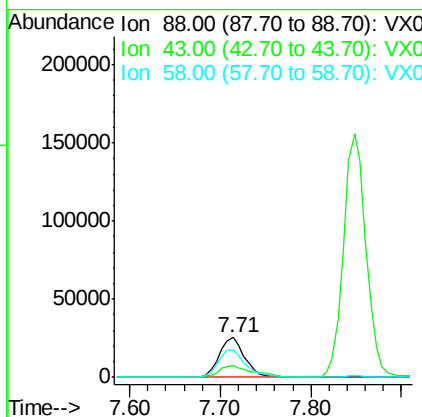
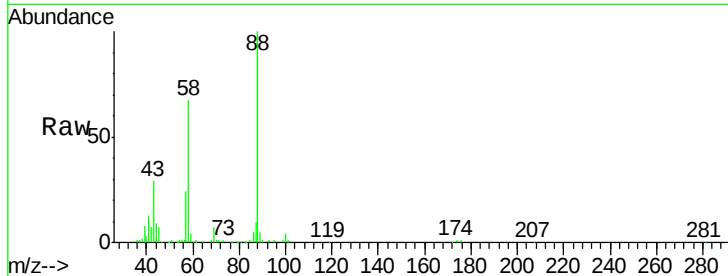
#49
1,4-Dioxane
Concen: 1200.228 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	31.0	46.6
58	73.1	59.3	88.9

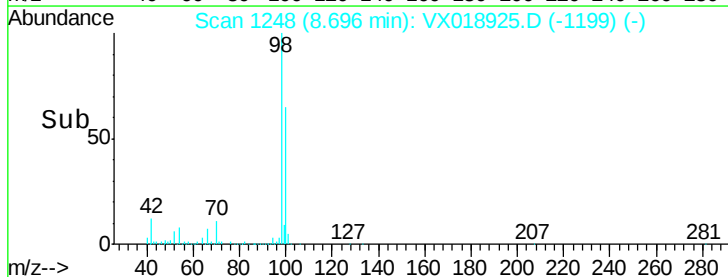
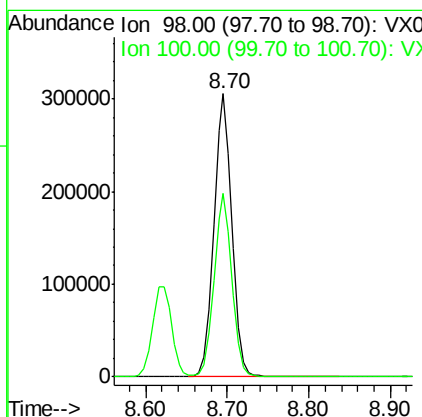
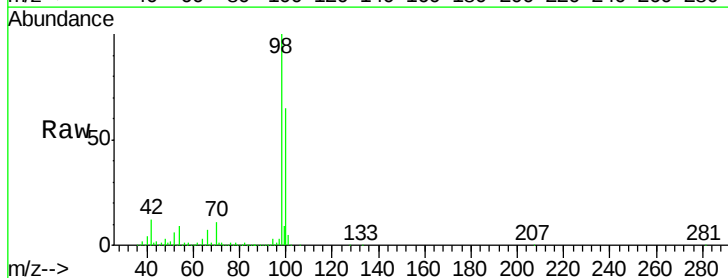
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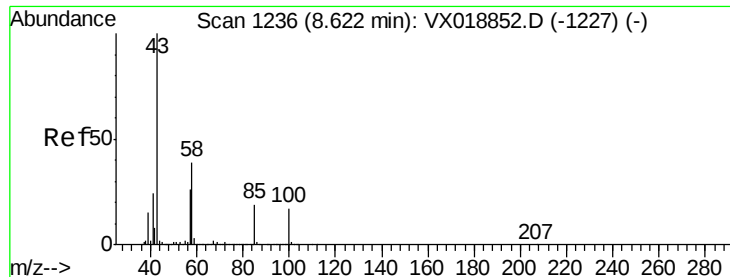
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#50
Toluene-d8
Concen: 54.213 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.1	79.7





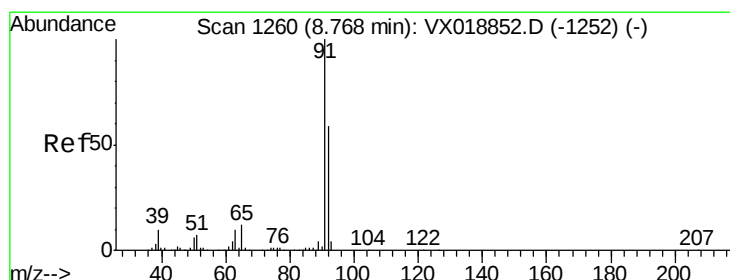
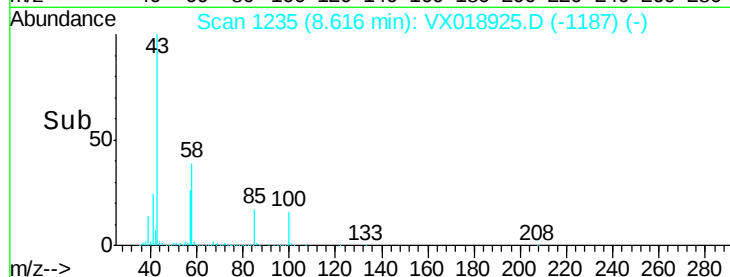
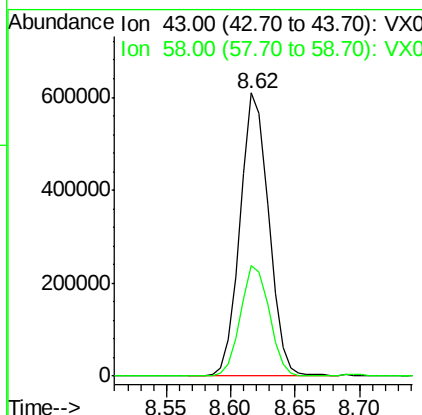
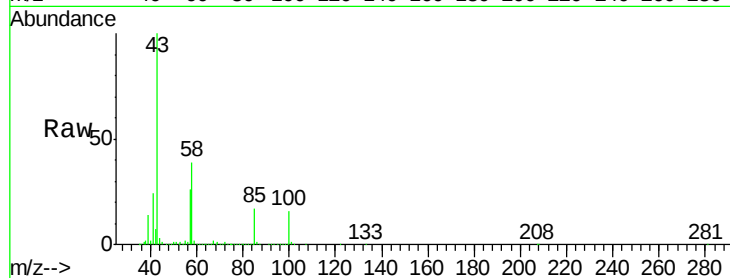
#51
4-Methyl-2-Pentanone
Concen: 270.491 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	940715
Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.9	46.3

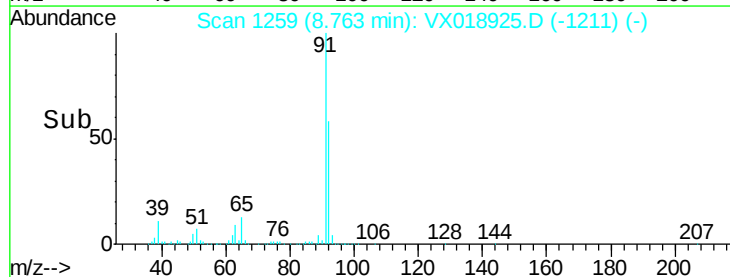
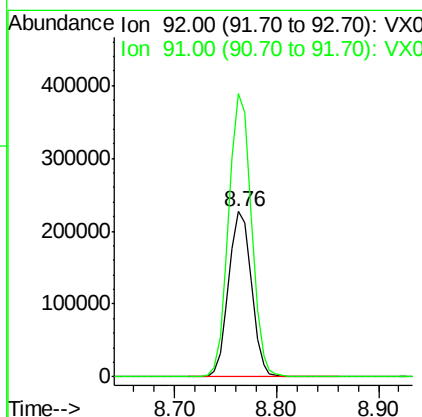
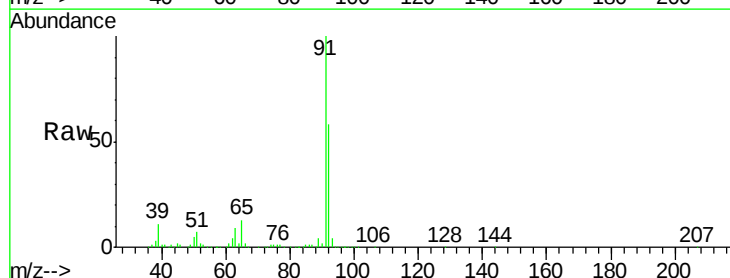
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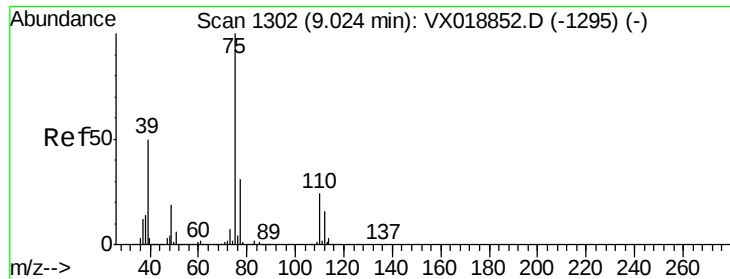
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#52
Toluene
Concen: 54.822 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	92	Resp	350937
Ion	Ratio	Lower	Upper
92	100		
91	171.0	138.2	207.4





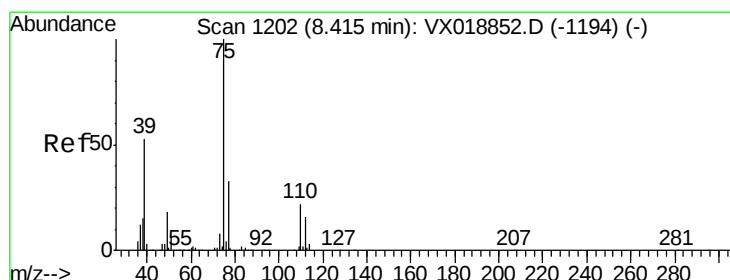
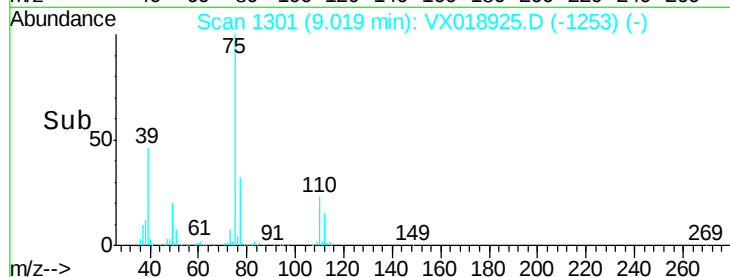
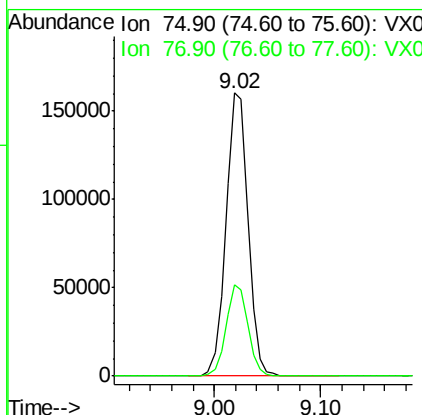
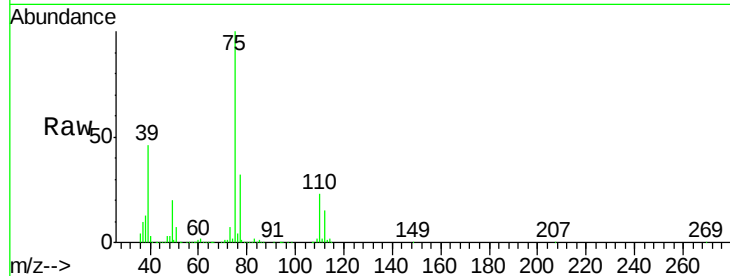
#53
t-1,3-Dichloropropene
Concen: 53.322 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7

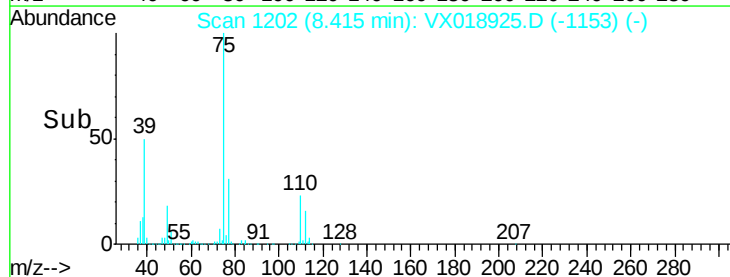
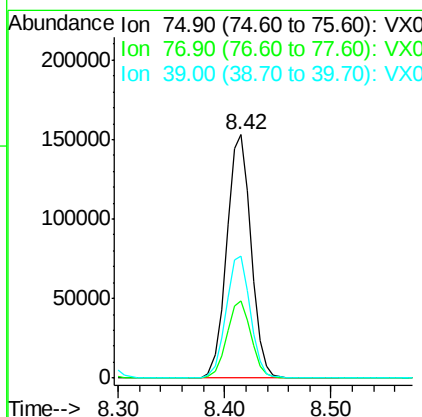
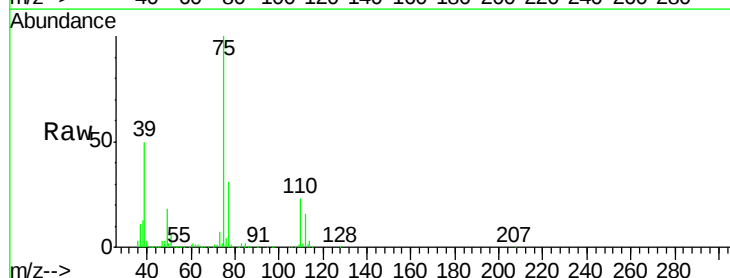
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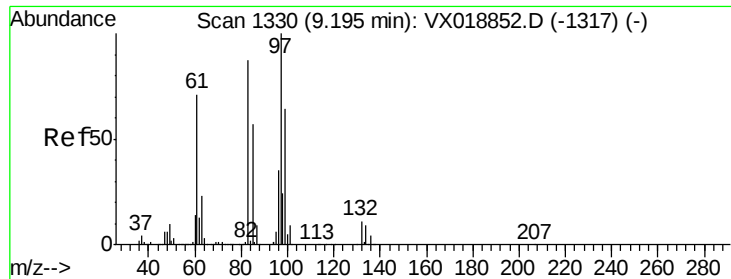
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#54
cis-1,3-Dichloropropene
Concen: 54.518 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.6	39.8
39	49.8	42.6	64.0





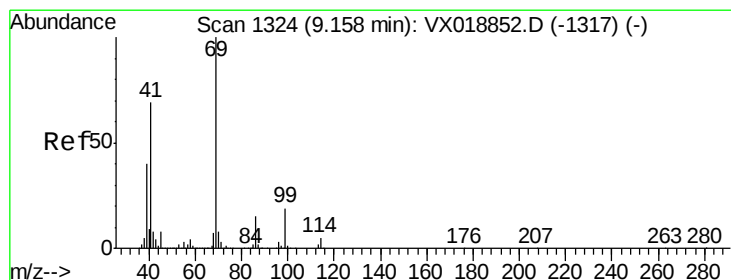
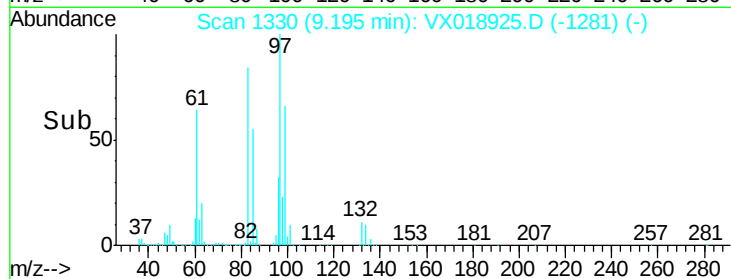
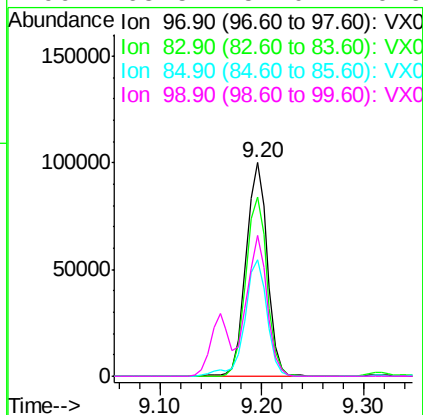
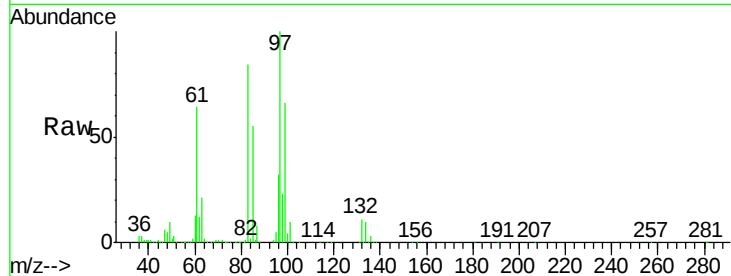
#55
 1,1,2-Trichloroethane
 Concen: 52.911 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	145484
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.3	103.9
85	54.8	45.3	67.9
99	65.5	51.0	76.6

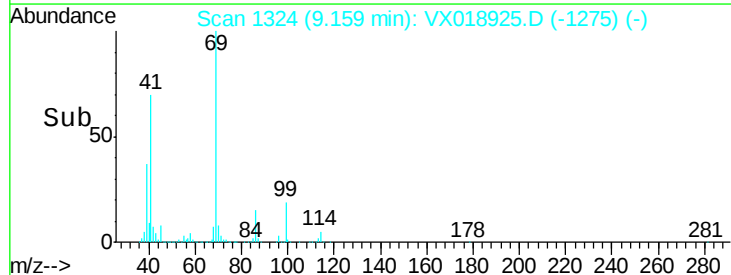
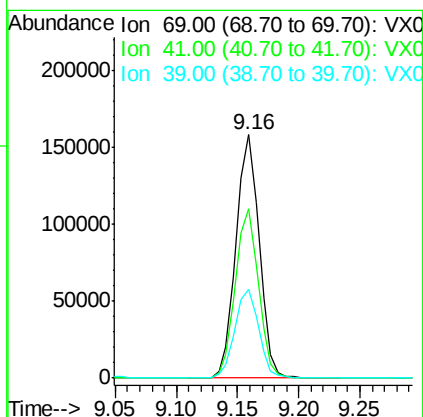
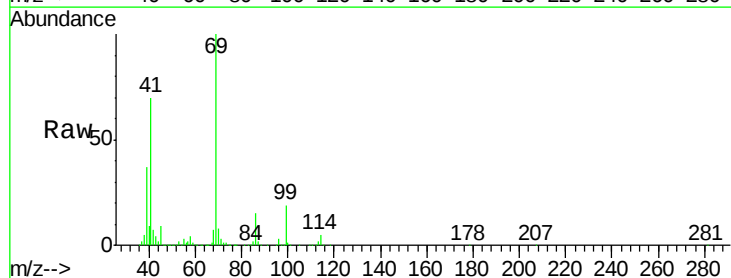
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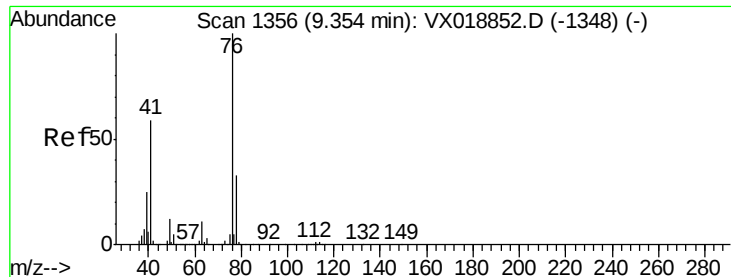
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#56
 Ethyl methacrylate
 Concen: 51.630 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion:	69	Resp:	207641
Ion	Ratio	Lower	Upper
69	100		
41	69.1	54.6	81.8
39	37.3	31.5	47.3





#57

1,3-Dichloropropane

Concen: 51.932 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 231697

Ion Ratio Lower Upper

76 100

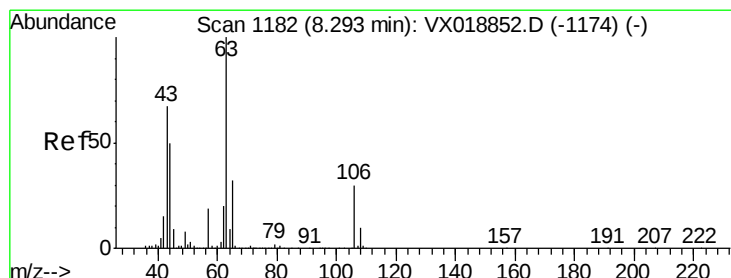
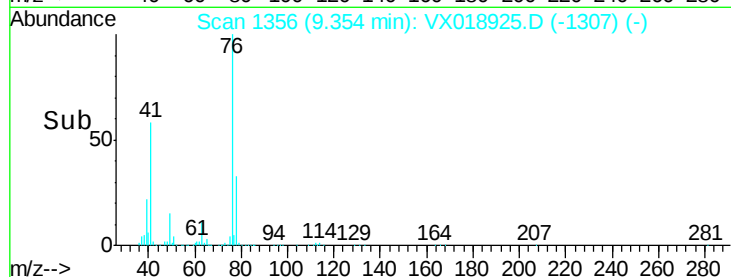
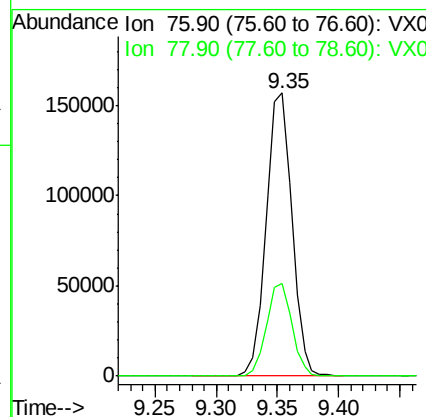
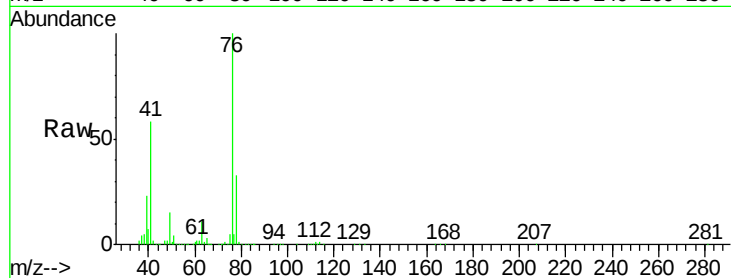
78 32.4 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 294.333 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018925.D

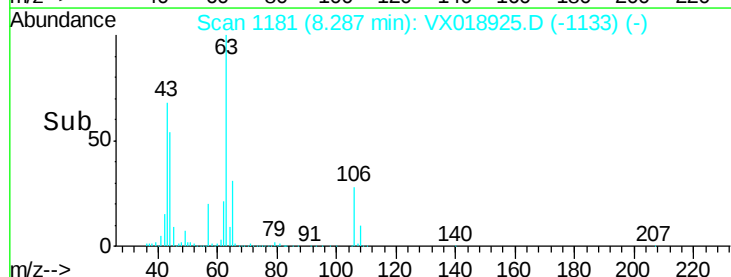
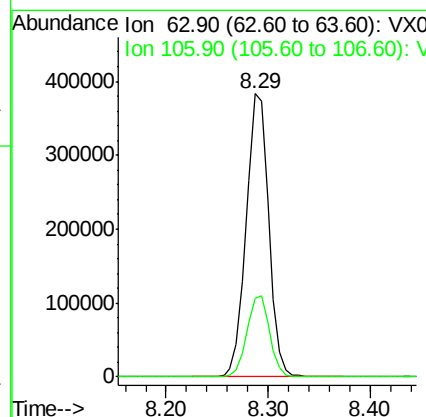
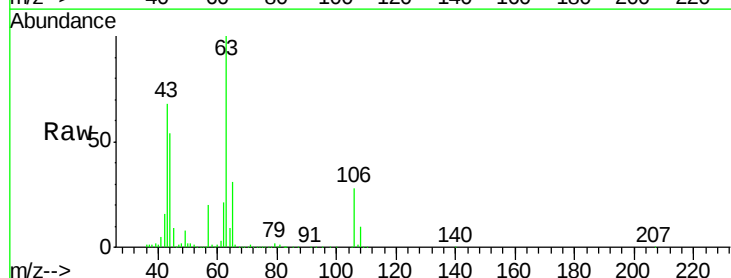
Acq: 13 Oct 2020 12:02

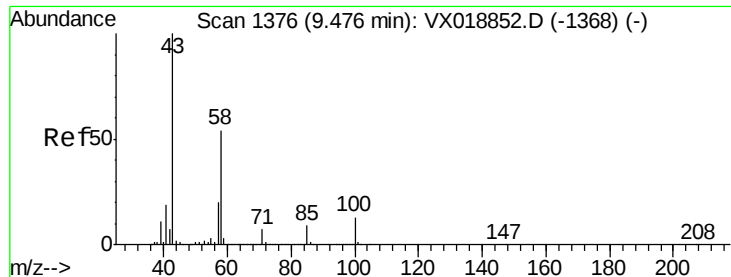
Tgt Ion: 63 Resp: 585538

Ion Ratio Lower Upper

63 100

106 28.7 24.2 36.4





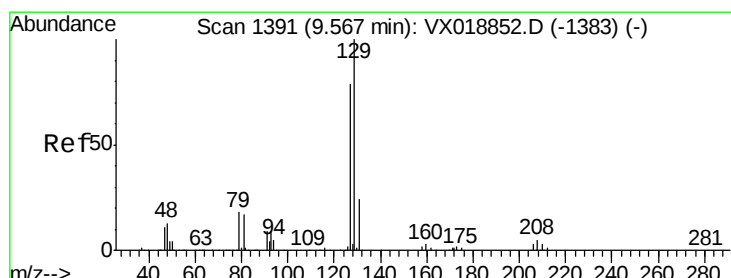
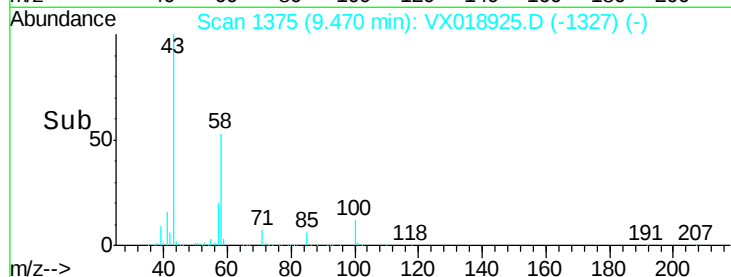
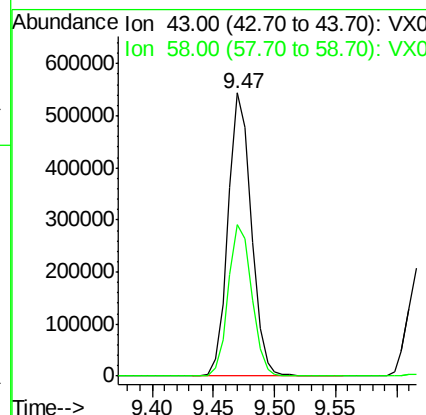
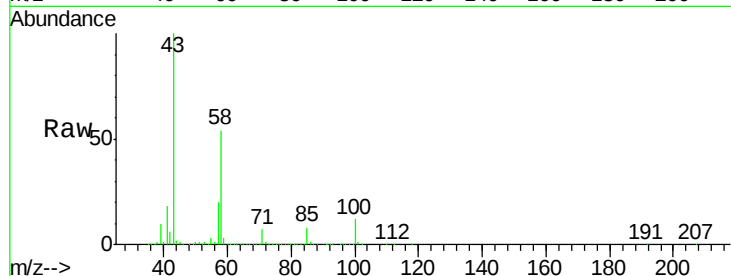
#59
2-Hexanone
Concen: 269.391 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 713800
Ion Ratio Lower Upper
43 100
58 54.3 26.7 80.1

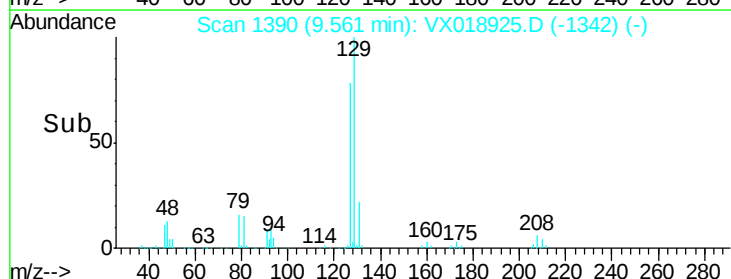
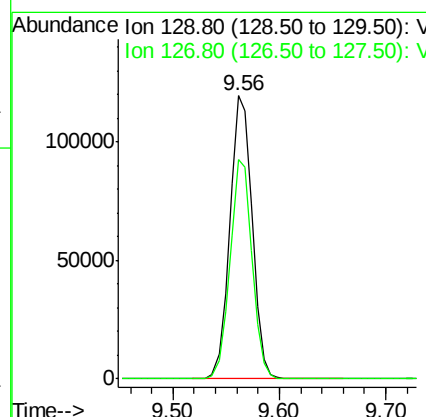
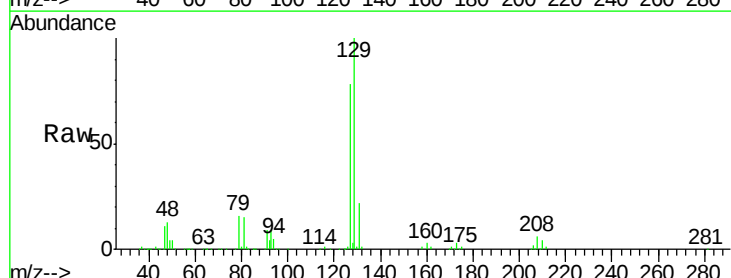
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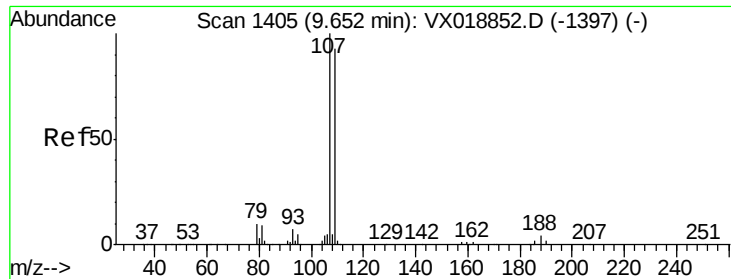
MMDadoda
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#60
Dibromochloromethane
Concen: 50.998 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion: 129 Resp: 176023
Ion Ratio Lower Upper
129 100
127 76.2 39.5 118.5





#61

1,2-Dibromoethane

Concen: 51.591 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 152123

Ion Ratio Lower Upper

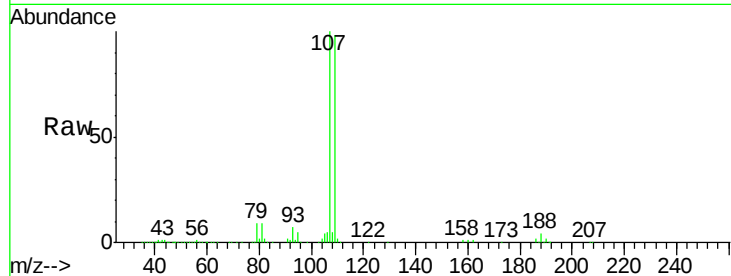
107 100

109 93.0 75.2 112.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

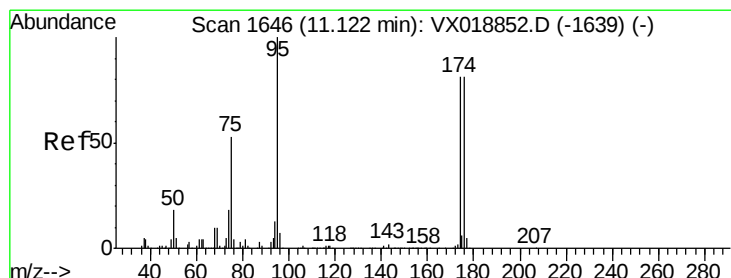
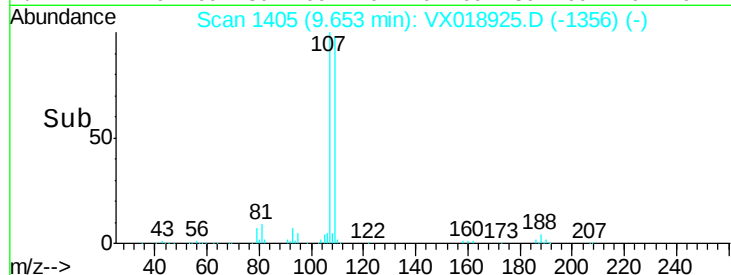
40000

20000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 51.889 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

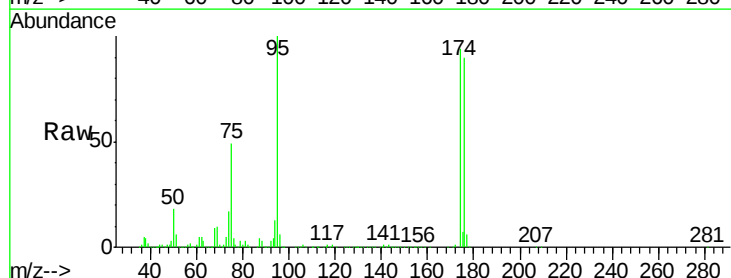
Tgt Ion: 95 Resp: 180533

Ion Ratio Lower Upper

95 100

174 89.6 0.0 160.0

176 86.8 0.0 161.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

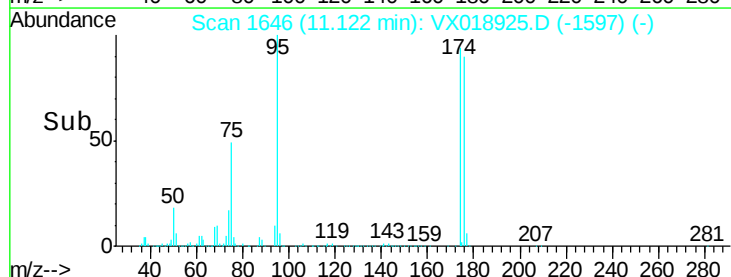
100000

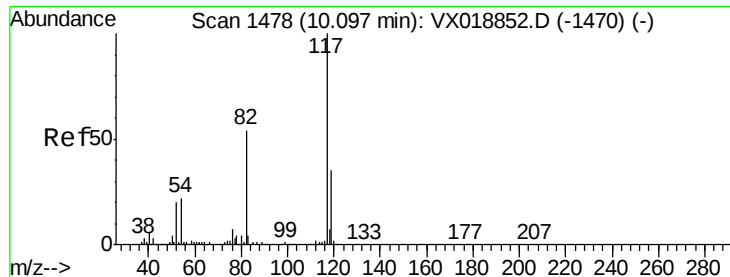
50000

0

11.05 11.10 11.15

Time-->





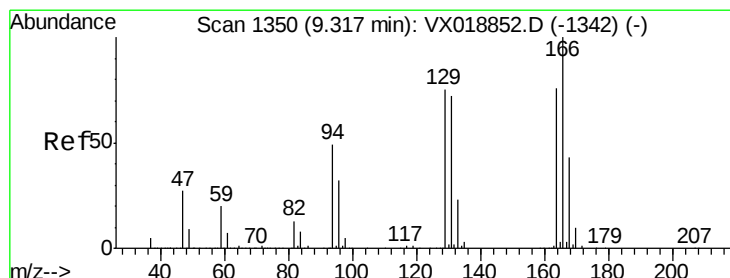
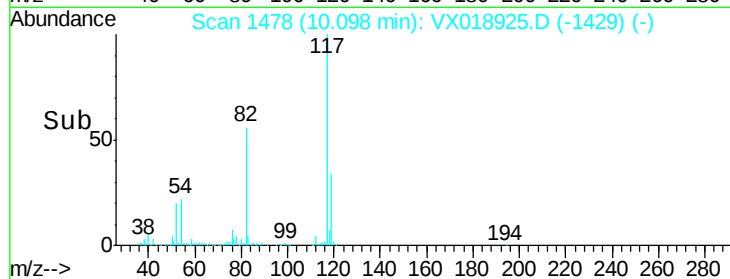
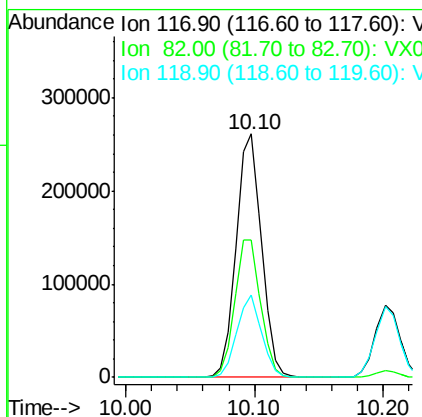
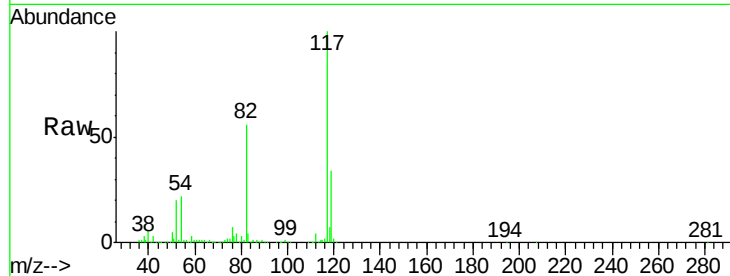
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	357283		
82	56.2	43.4	65.2	
119	33.7	28.3	42.5	

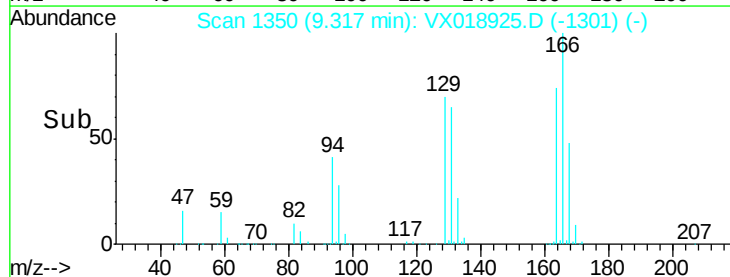
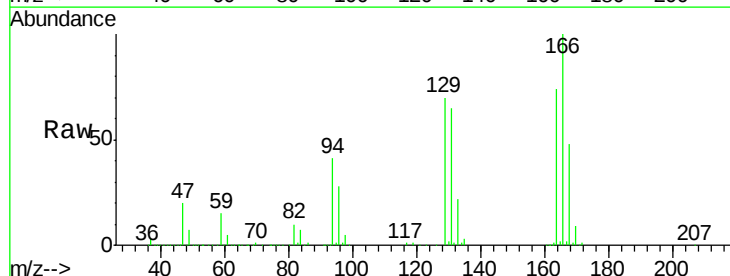
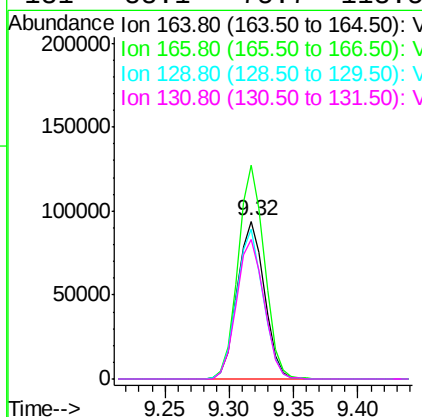
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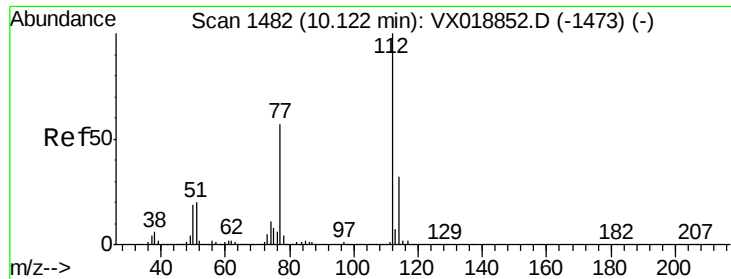
MMDadoda
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#64
Tetrachloroethene
Concen: 52.777 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	137512		
166	135.3	105.4	158.0	
129	94.6	79.0	118.6	
131	88.1	75.7	113.5	





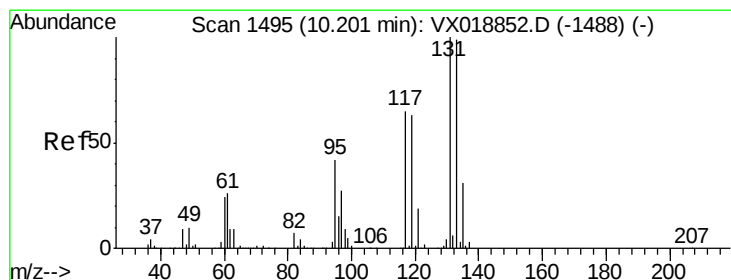
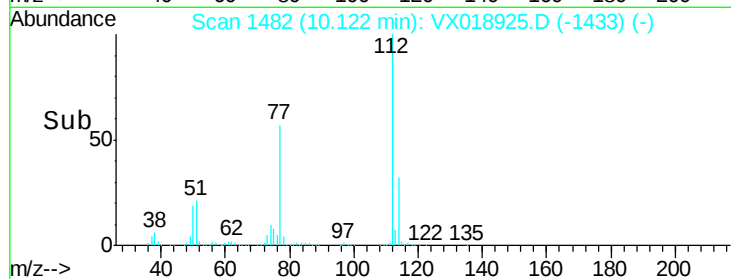
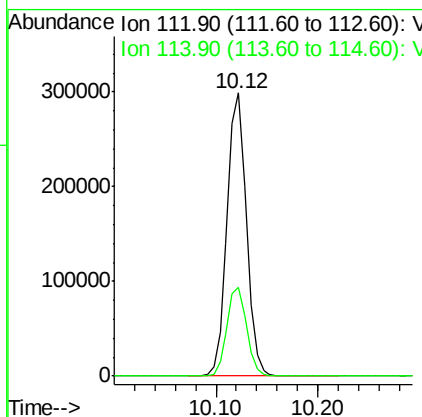
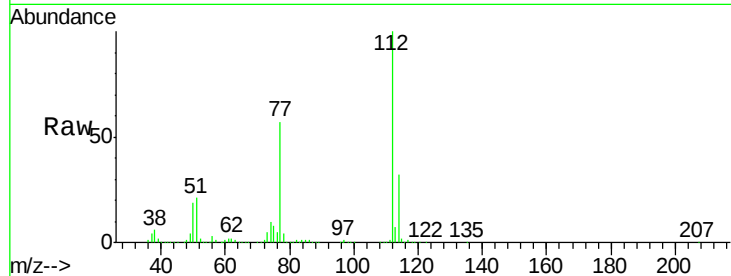
#65
Chlorobenzene
Concen: 50.778 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 392058
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

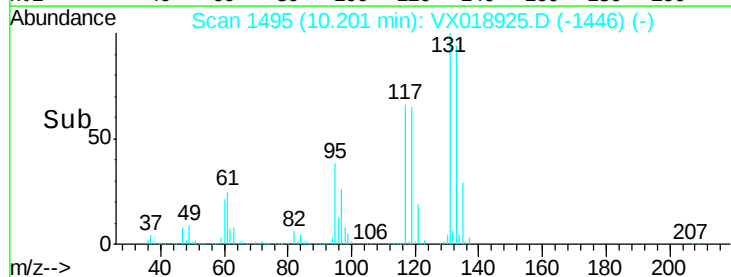
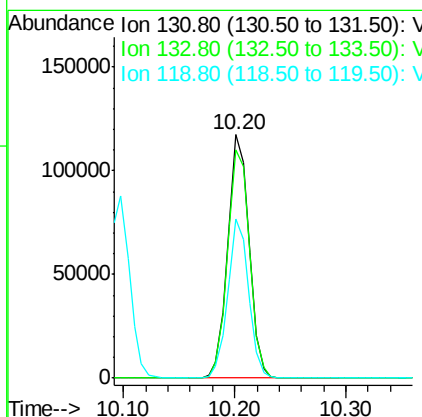
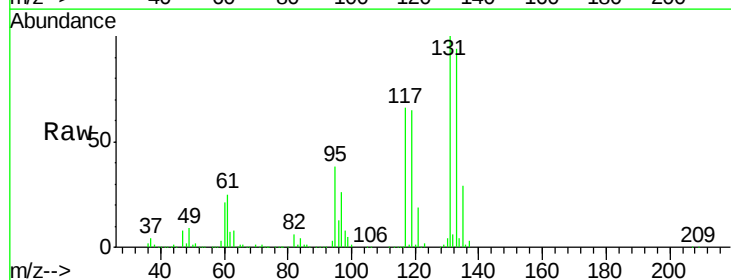
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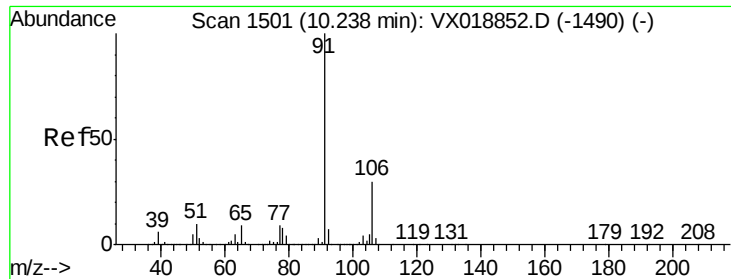
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.845 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion:131 Resp: 155586
Ion Ratio Lower Upper
131 100
133 96.9 48.6 145.8
119 63.6 31.1 93.3





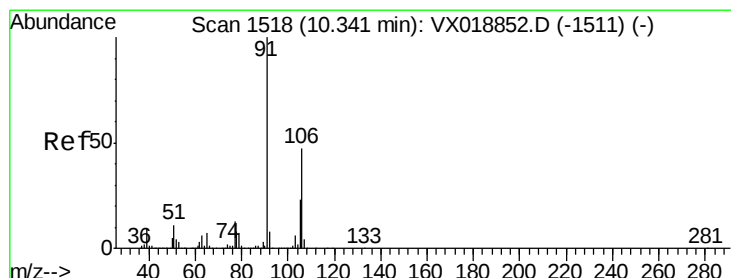
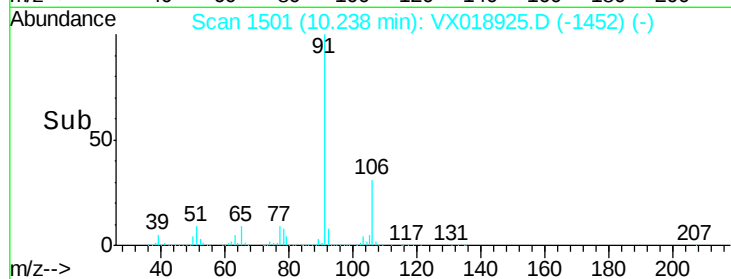
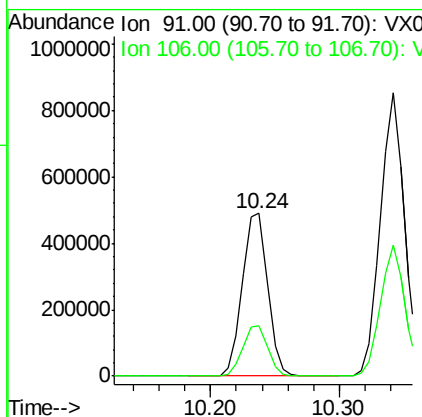
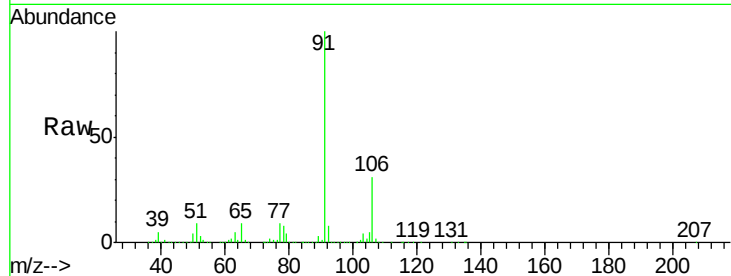
#67
Ethyl Benzene
Concen: 51.138 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 666078
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0

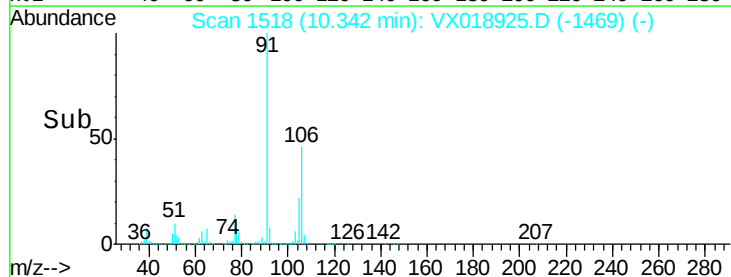
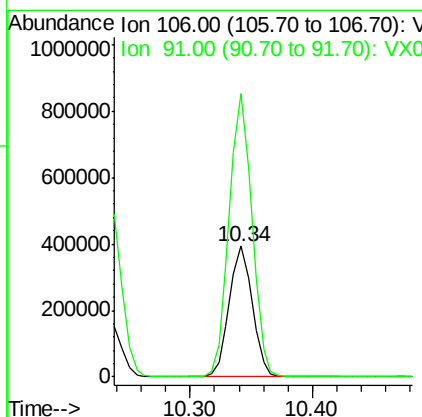
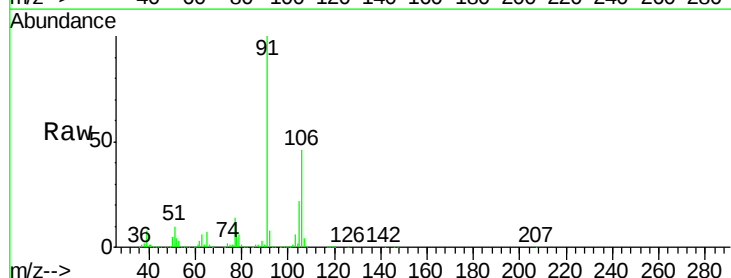
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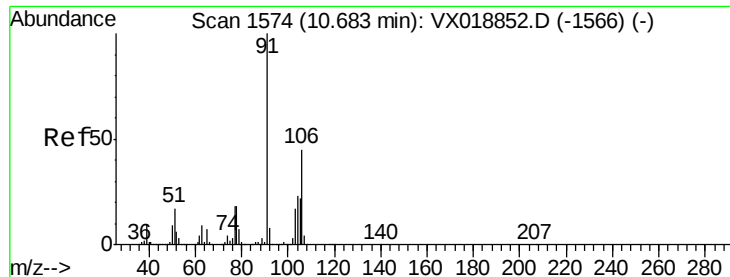
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#68
m/p-Xylenes
Concen: 103.403 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion: 106 Resp: 511704
Ion Ratio Lower Upper
106 100
91 215.0 165.6 248.4





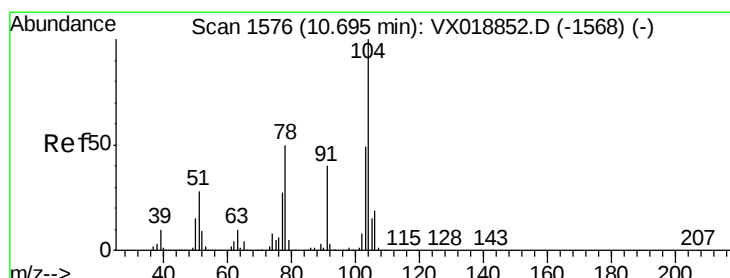
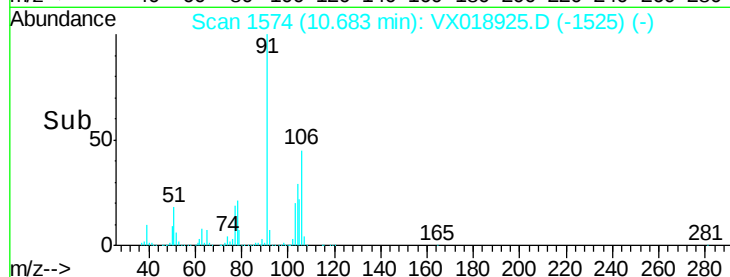
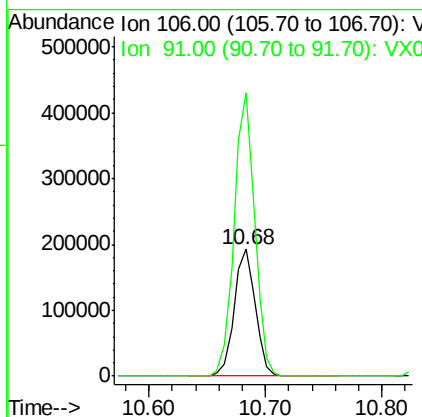
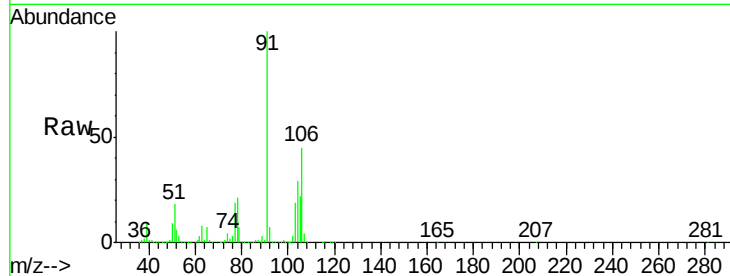
#69
o-Xylene
Concen: 52.306 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	218.4	109.9	329.6	

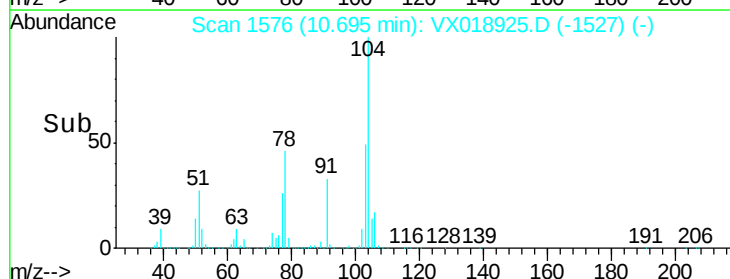
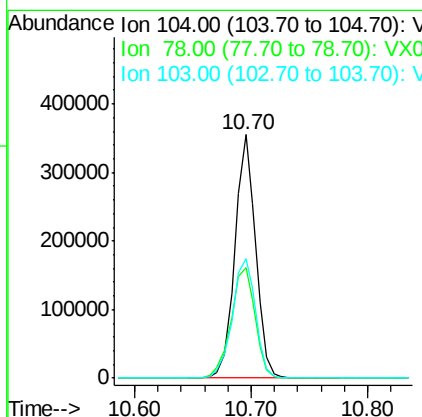
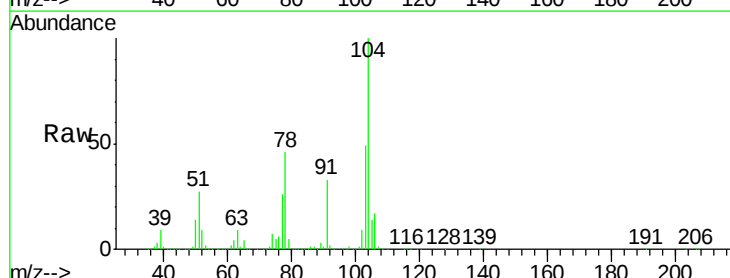
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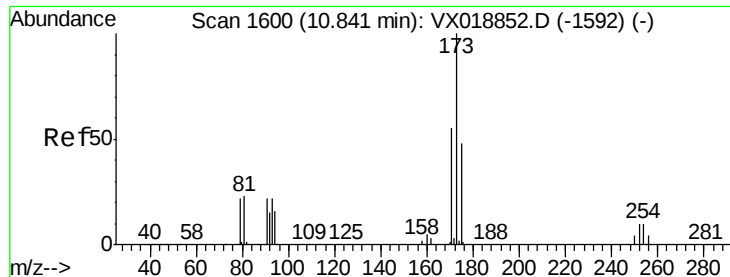
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#70
Styrene
Concen: 55.769 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.8	43.5	65.3	
103	55.2	43.3	64.9	





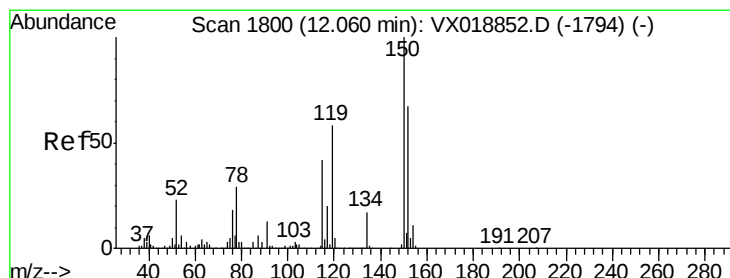
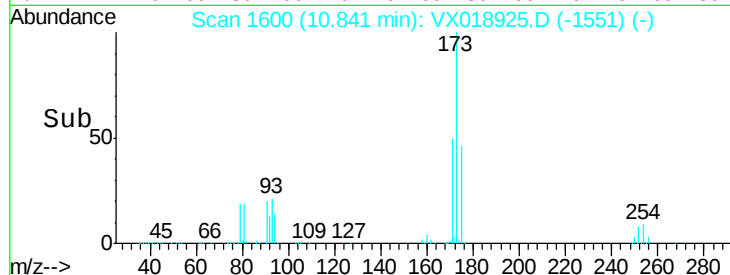
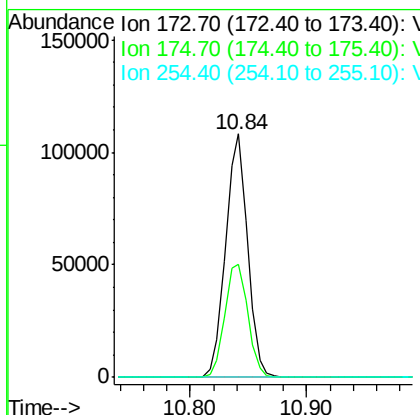
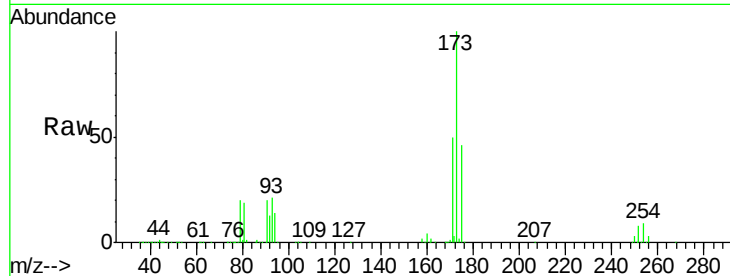
#71
Bromoform
Concen: 51.162 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
173	100		
175	48.8	23.4	70.0
254	0.3	0.0	0.0

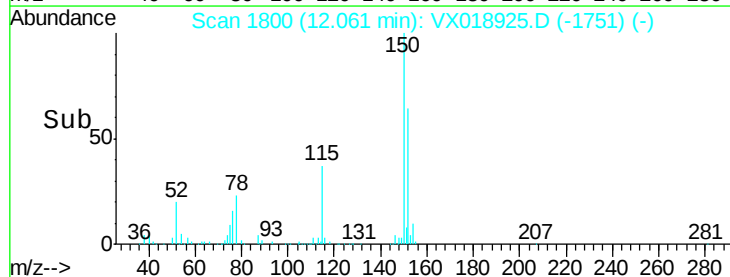
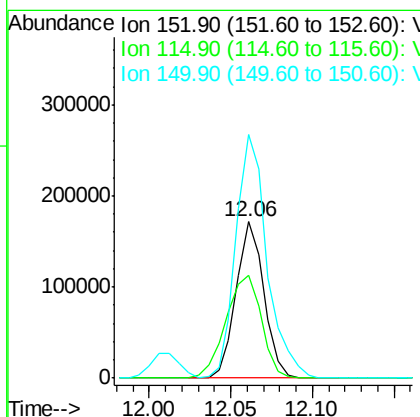
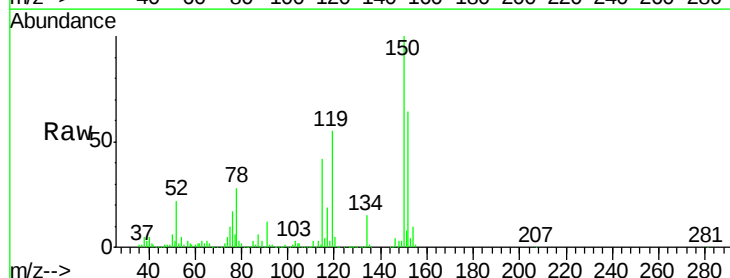
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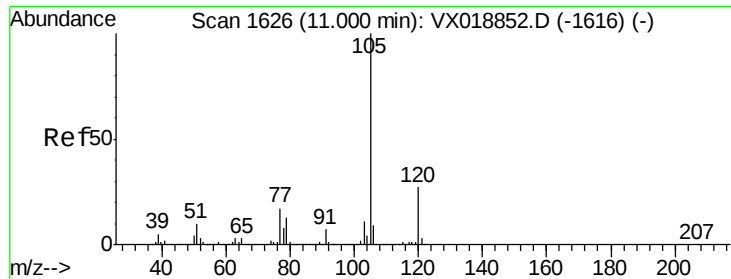
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
115	83.4	41.8	125.4
150	174.2	0.0	347.6





#73

Isopropylbenzene

Concen: 50.016 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 666870

Ion Ratio Lower Upper

105 100

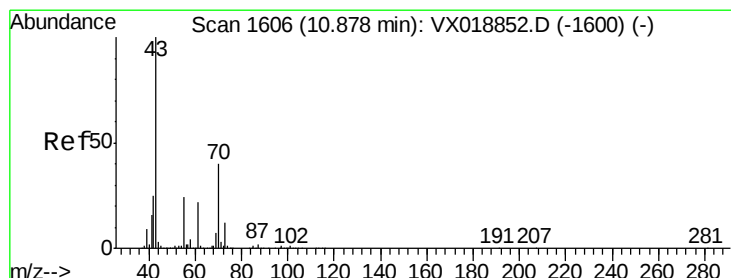
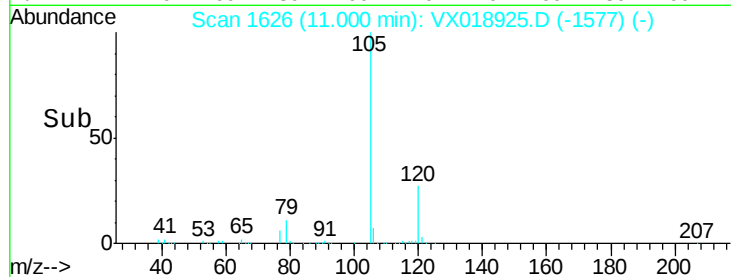
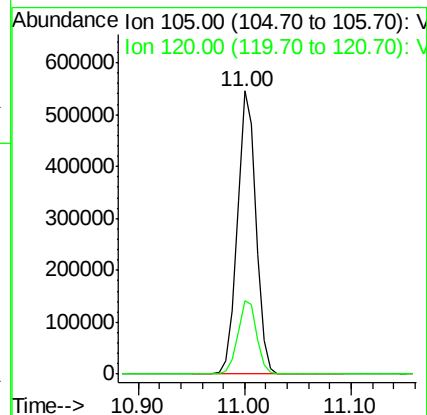
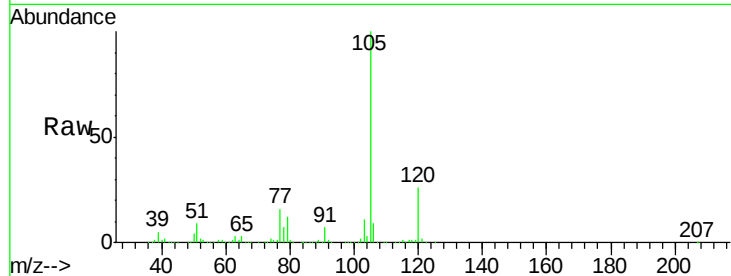
120 26.3 13.3 39.8

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#74

N-ethyl acetate

Concen: 55.968 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Tgt Ion: 43 Resp: 295240

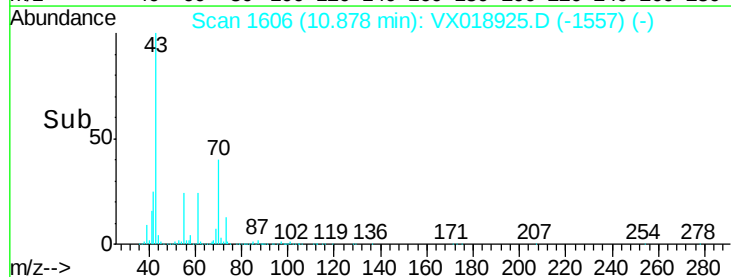
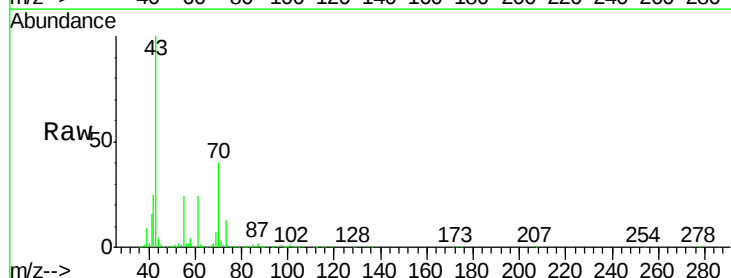
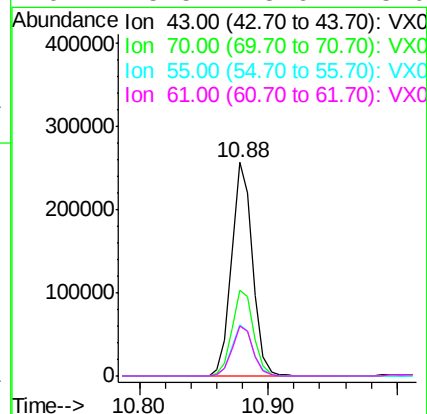
Ion Ratio Lower Upper

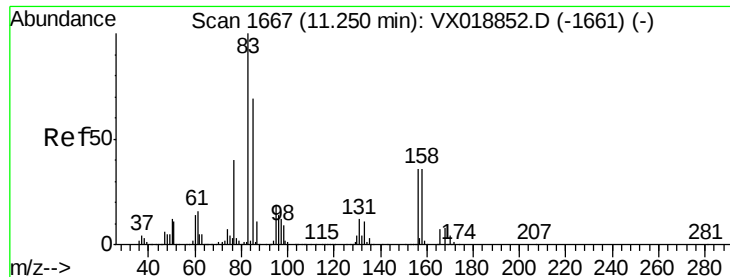
43 100

70 41.2 33.7 50.5

55 24.5 19.8 29.8

61 23.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.821 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

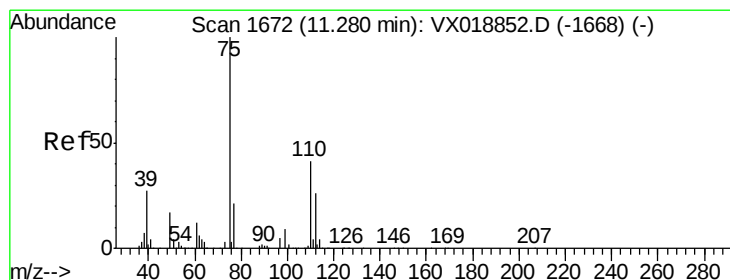
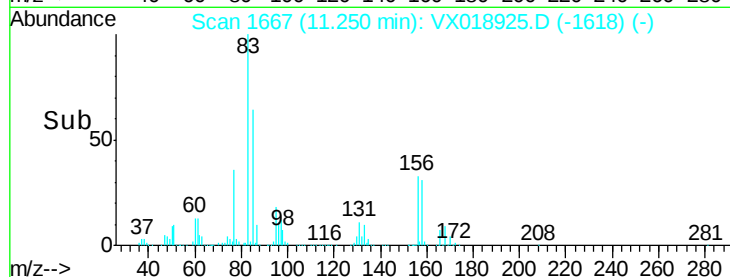
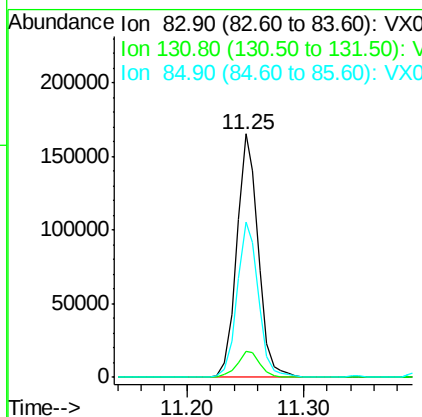
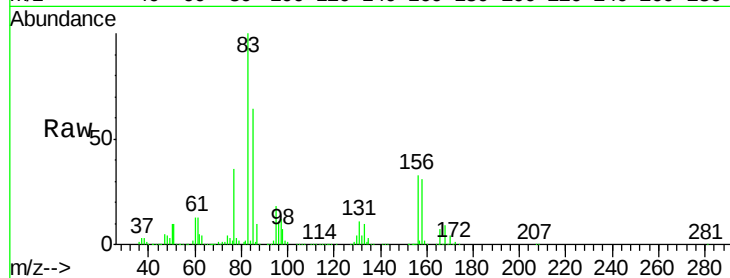
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	212514
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.9	17.8
85	63.5	33.0	98.9

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#76

1,2,3-Trichloropropane

Concen: 48.406 ug/l m

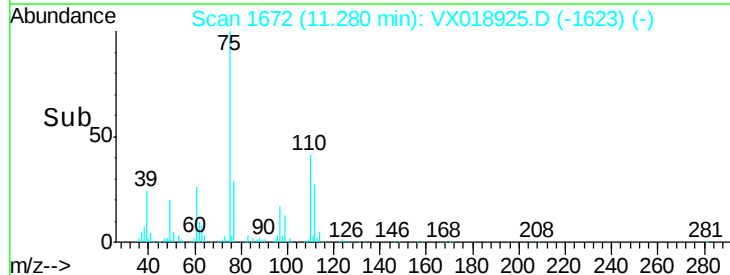
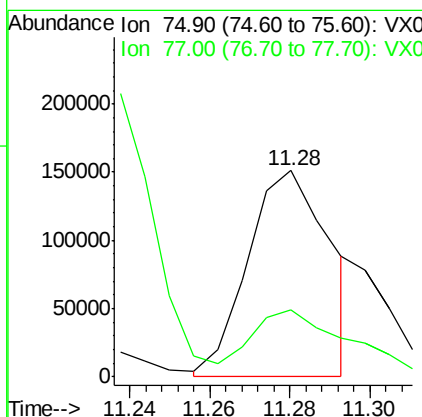
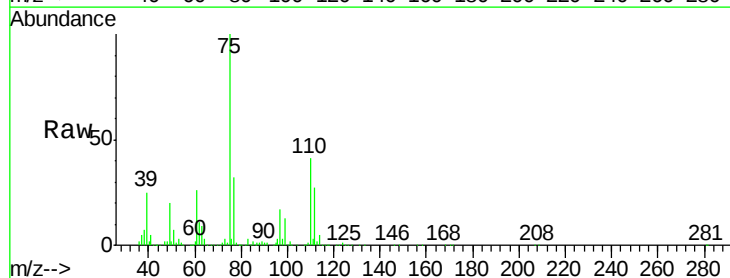
RT: 11.28 min Scan# 1672

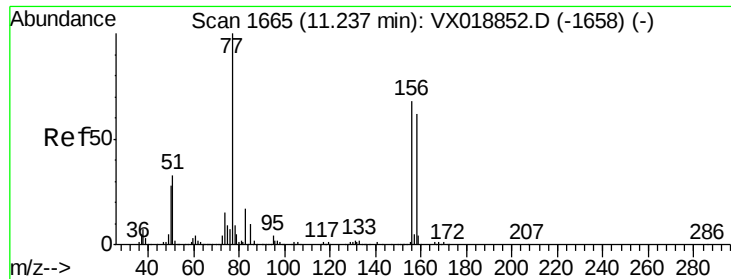
Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Tgt Ion:	75	Resp:	212587
Ion Ratio	Lower	Upper	
75	100		
77	38.9	20.2	60.6





#77

Bromobenzene

Concen: 51.459 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

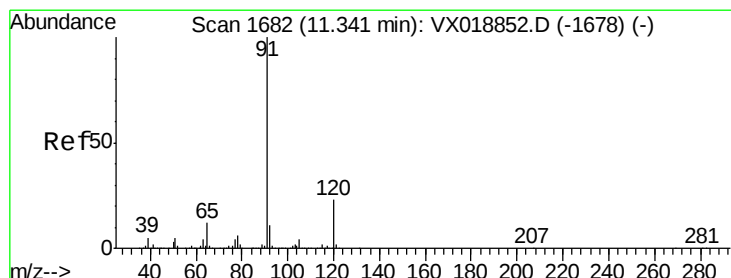
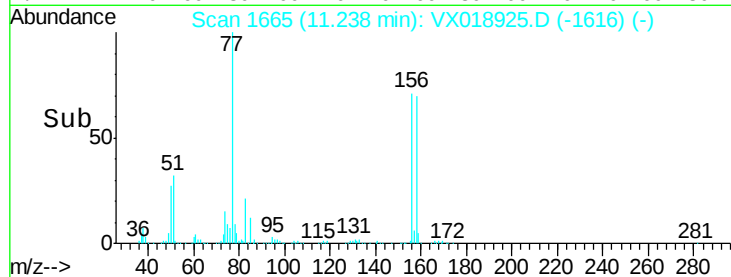
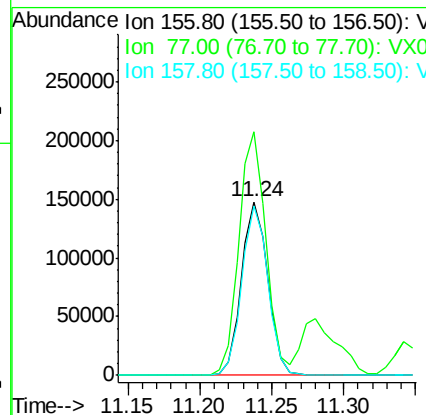
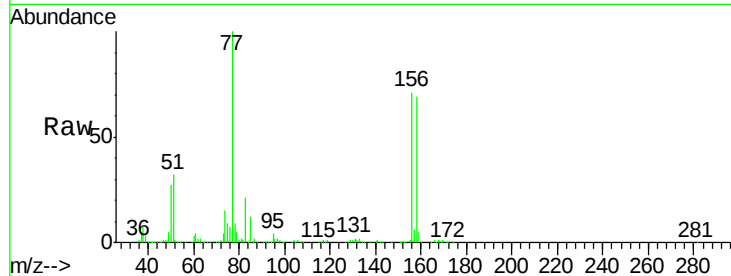
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	144.8	76.0	228.1
158	96.5	47.2	141.6

Manual Integrations
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#78

n-propylbenzene

Concen: 53.273 ug/l

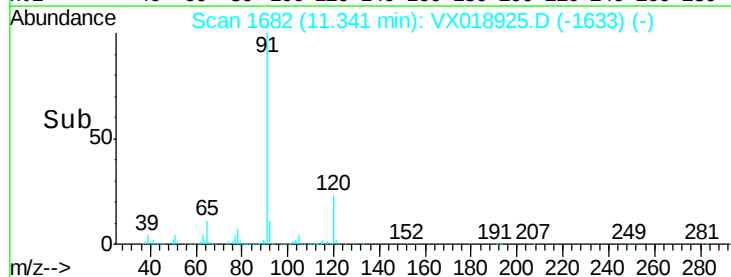
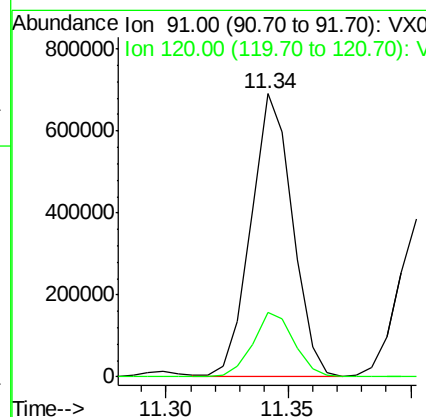
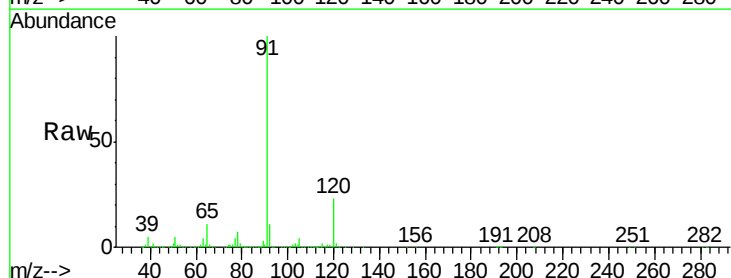
RT: 11.34 min Scan# 1682

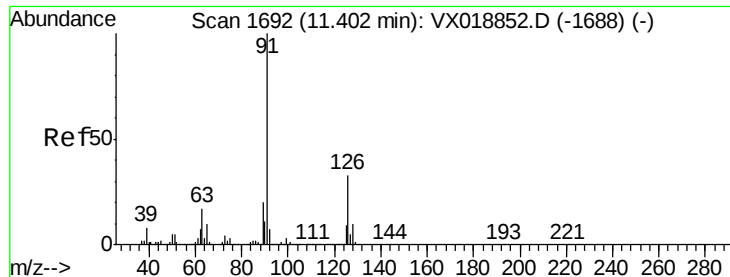
Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	12.0	36.0





#79

2-Chlorotoluene

Concen: 51.285 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 485689

Ion Ratio Lower Upper

91 100

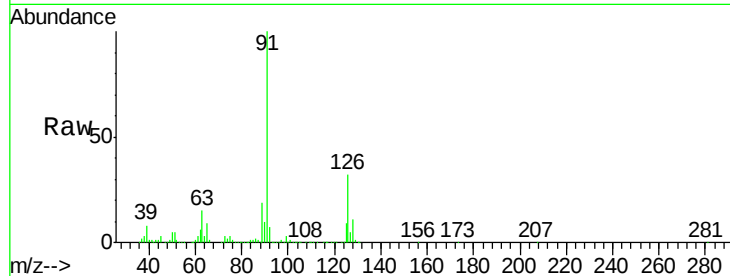
126 33.6 17.1 51.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018852.D (-1688) (-)

800000

600000

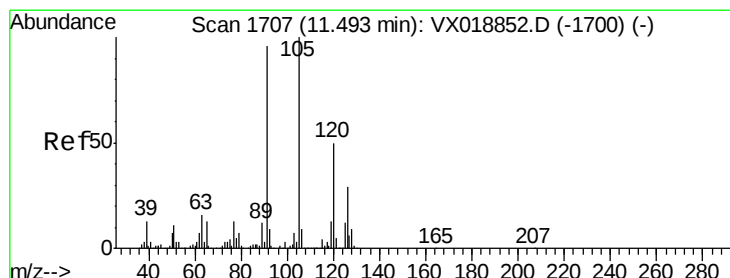
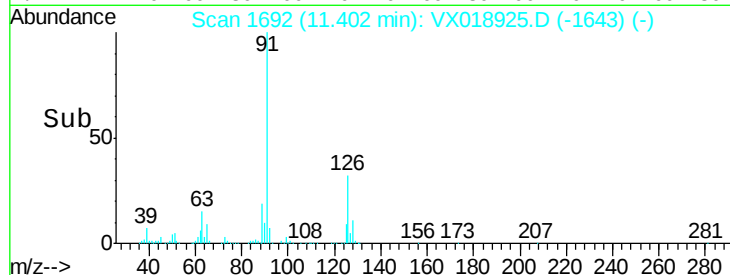
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.336 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018925.D

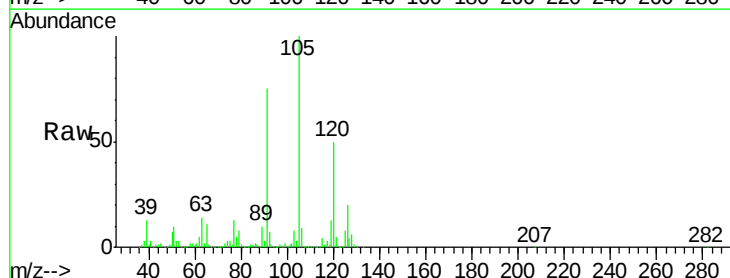
Acq: 13 Oct 2020 12:02

Tgt Ion: 105 Resp: 596882

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018852.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX018852.D (-1700) (-)

500000

400000

300000

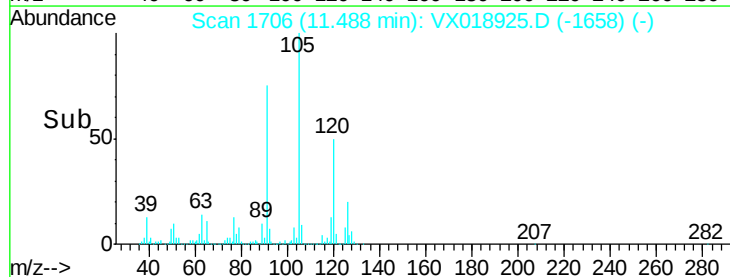
200000

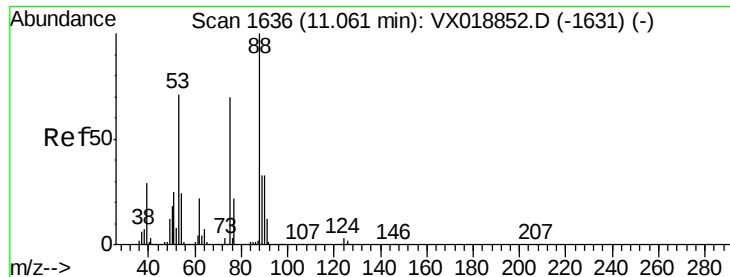
100000

0

11.40 11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.255 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

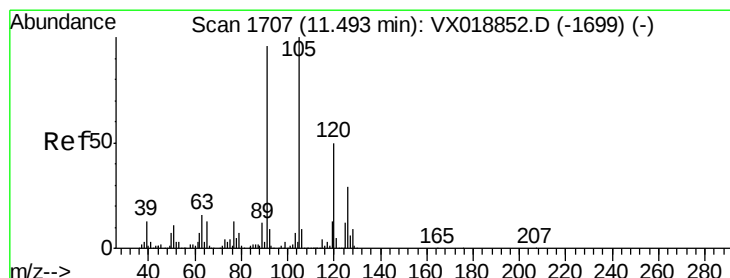
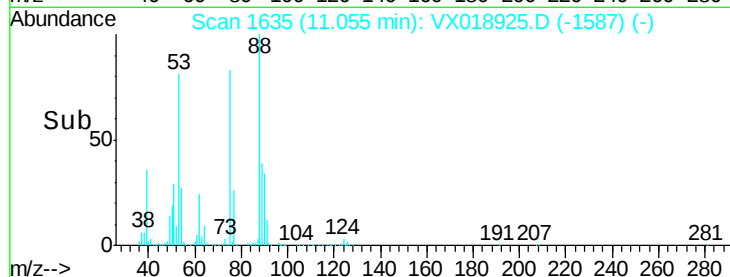
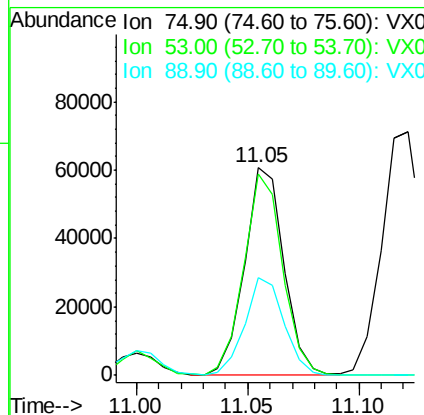
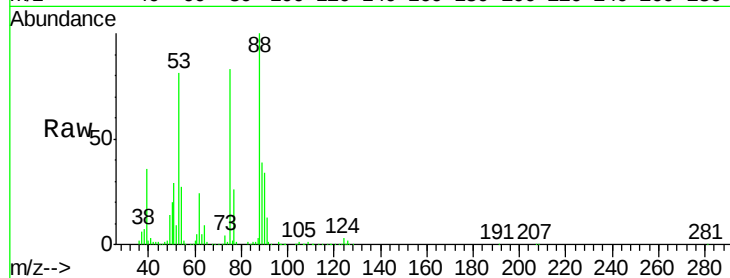
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	74780
Ion	Ratio	Lower	Upper
75	100		
53	95.8	85.0	127.4
89	47.3	39.0	58.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.841 ug/l

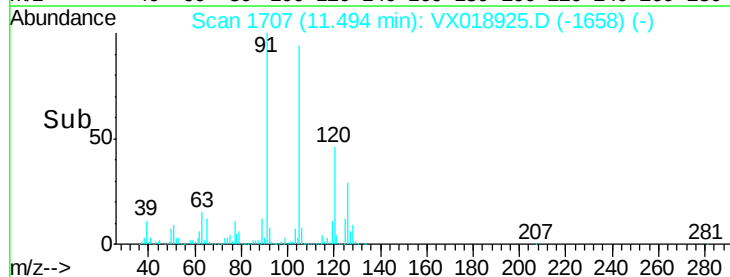
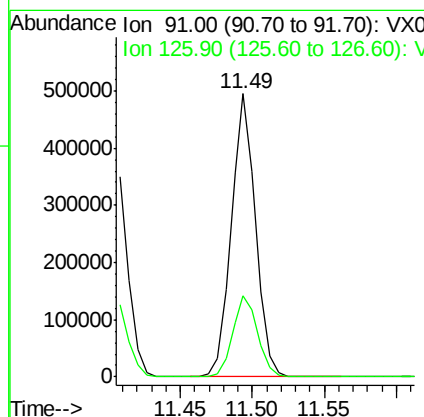
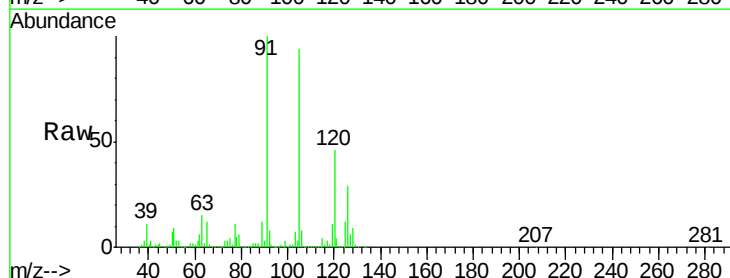
RT: 11.49 min Scan# 1707

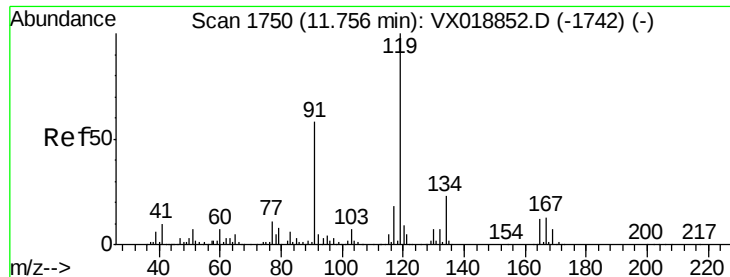
Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Tgt Ion:	91	Resp:	583776
Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.7





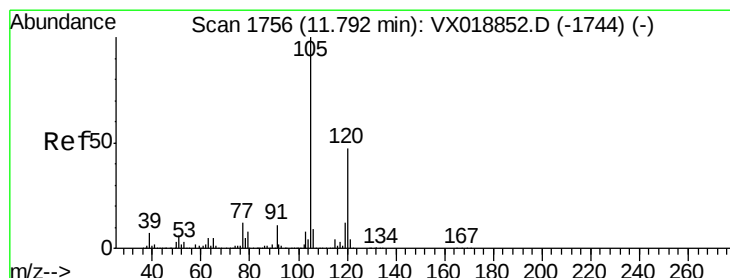
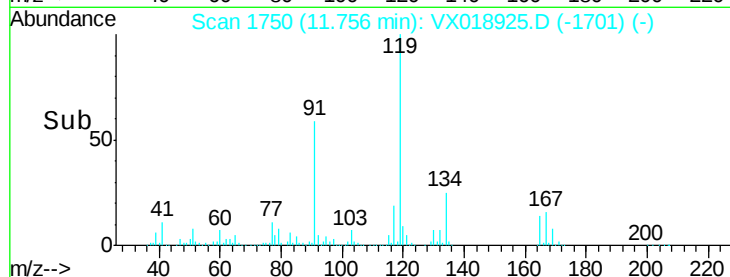
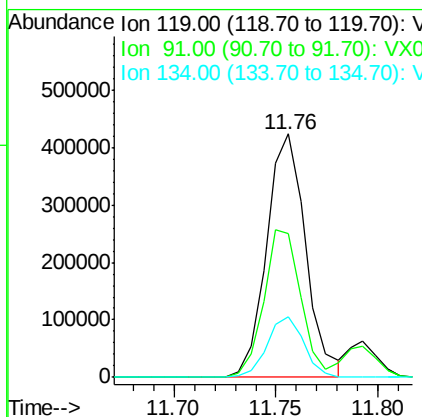
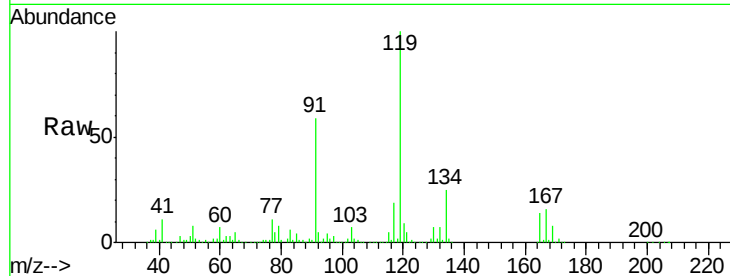
#83
tert-Butylbenzene
Concen: 49.475 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	565067		
91	57.6	28.6	85.9	
134	23.5	11.7	35.0	

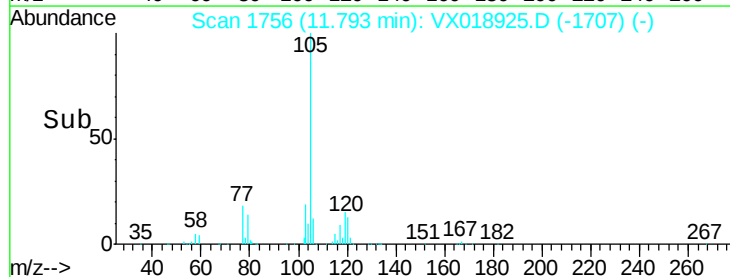
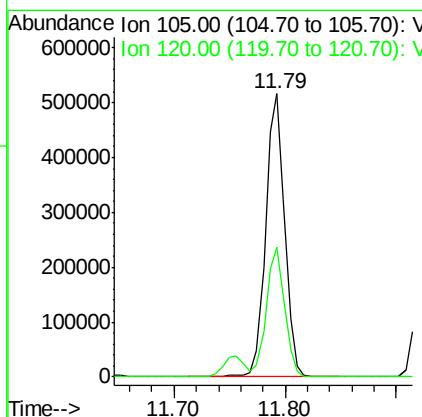
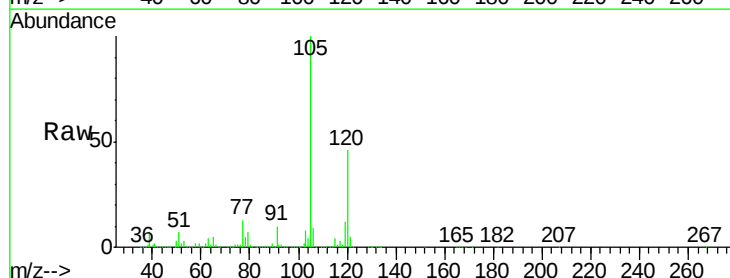
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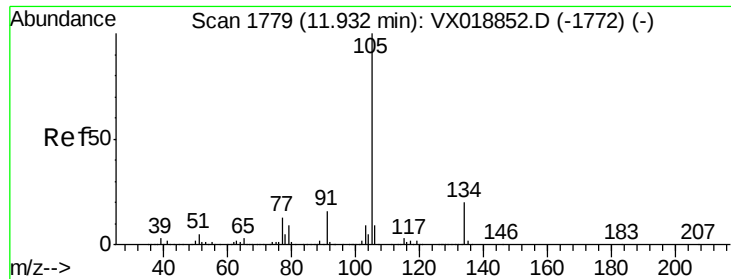
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#84
1,2,4-Trimethylbenzene
Concen: 53.187 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	616633		
120	44.1	22.6	67.8	





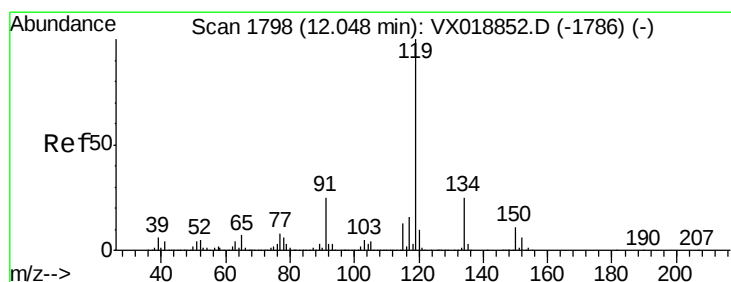
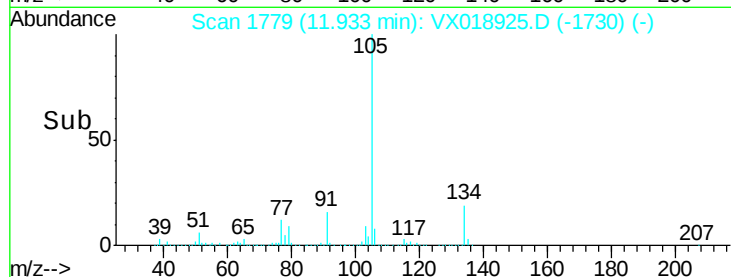
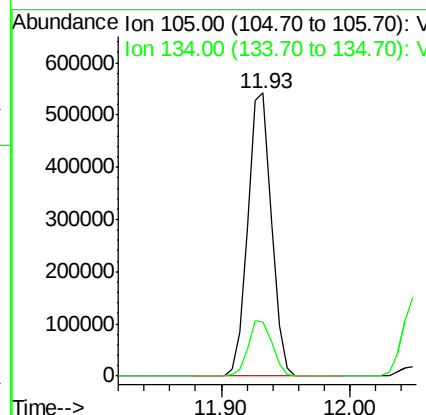
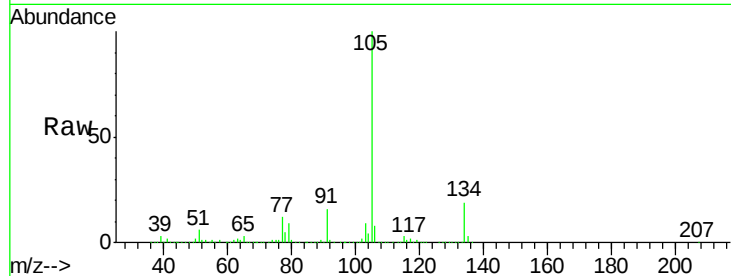
#85
 sec-Butylbenzene
 Concen: 52.812 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.2	30.4

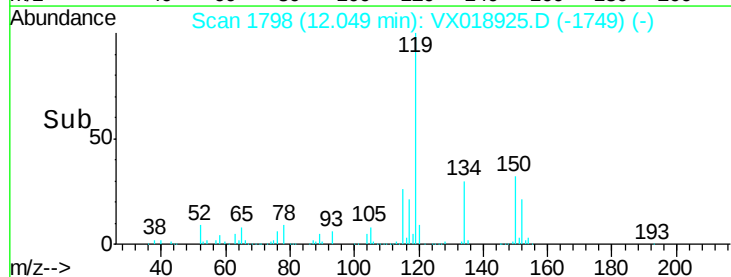
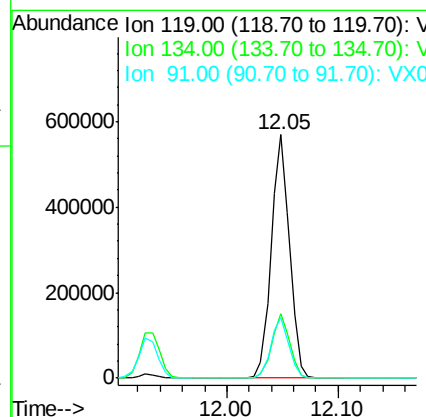
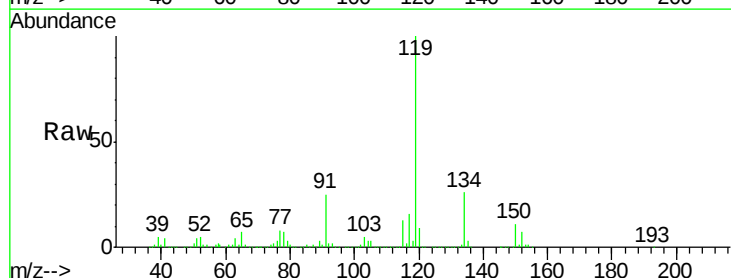
Manual Integrations
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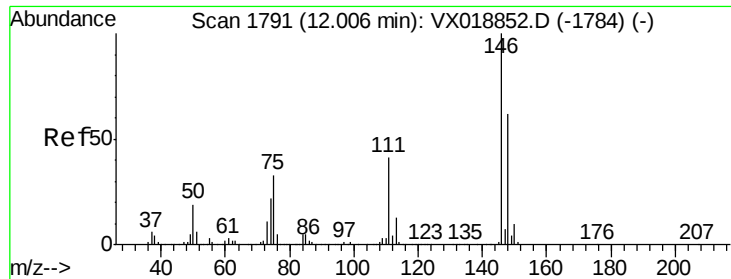
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#86
 p-Isopropyltoluene
 Concen: 53.614 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.8	38.4
91	24.8	12.3	36.9





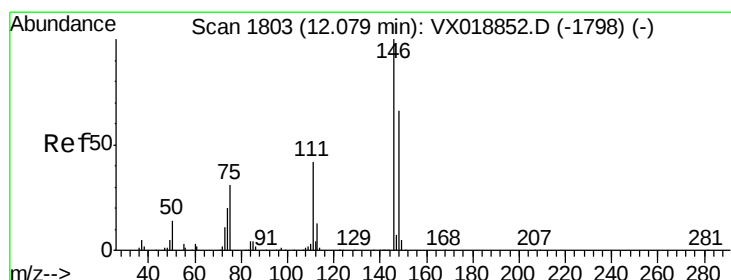
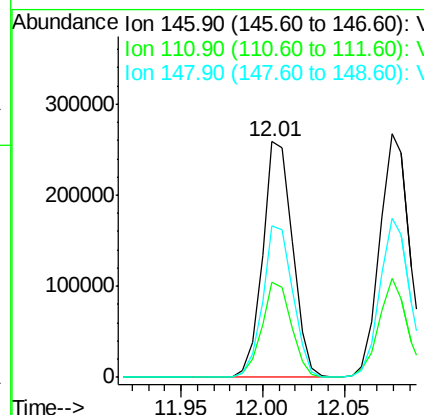
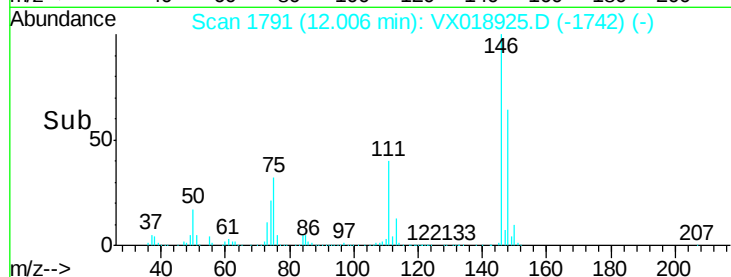
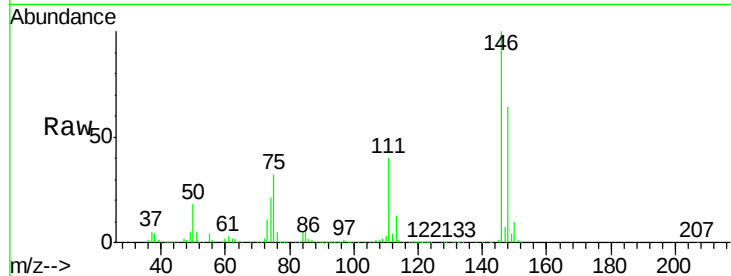
#87
 1,3-Dichlorobenzene
 Concen: 49.022 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	59.9
148	64.5	31.4	94.3

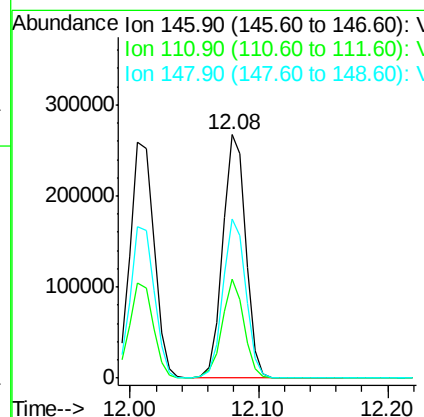
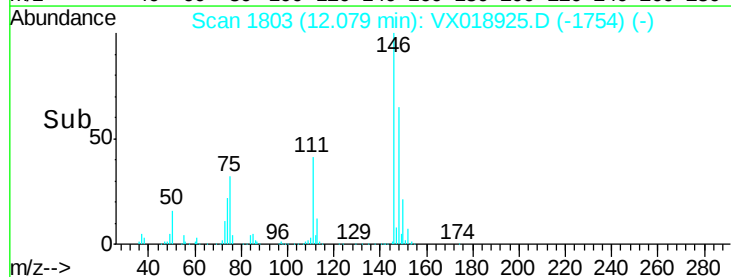
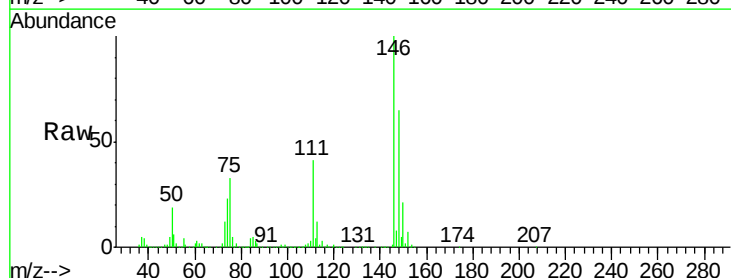
Manual Integrations
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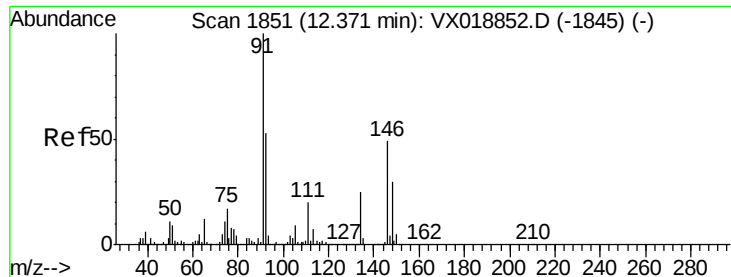
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#88
 1,4-Dichlorobenzene
 Concen: 49.504 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.5	61.5
148	64.9	32.2	96.6





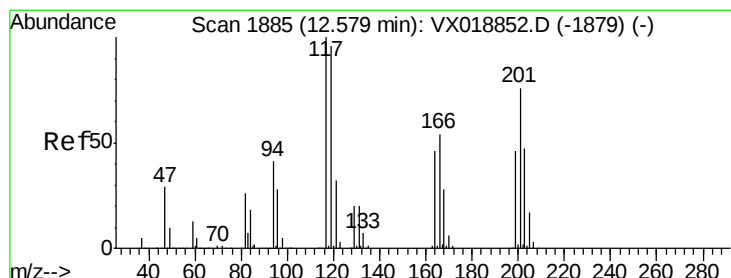
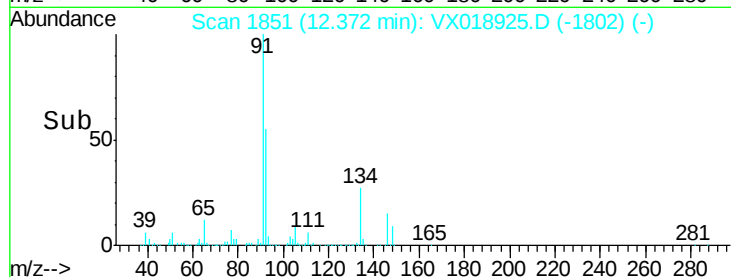
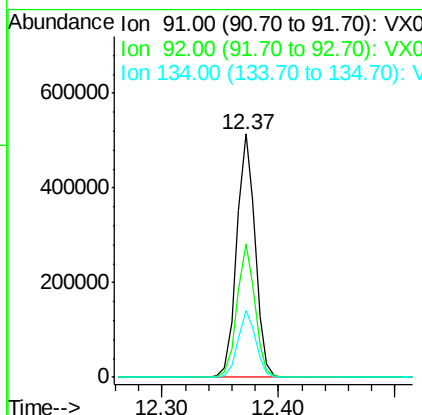
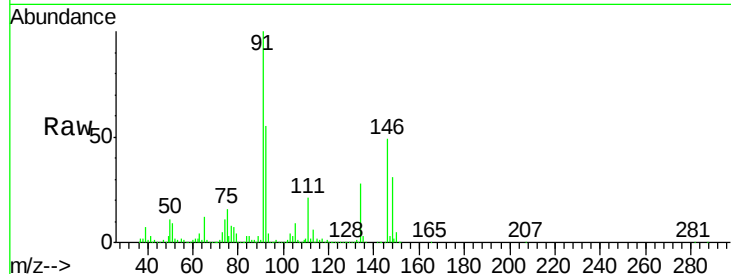
#89
n-Butylbenzene
Concen: 53.297 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.7	80.0
134	26.7	13.5	40.4

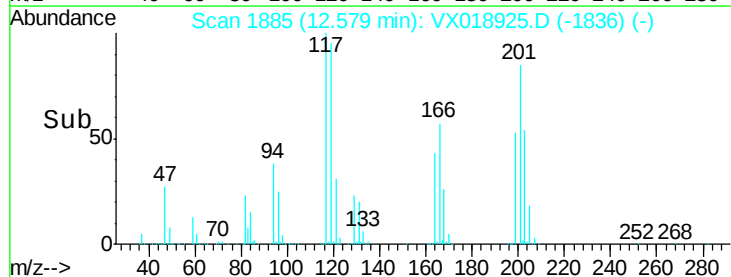
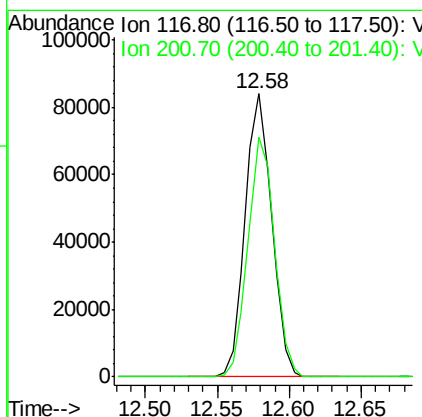
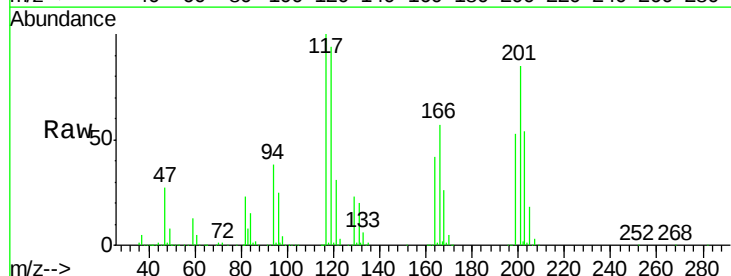
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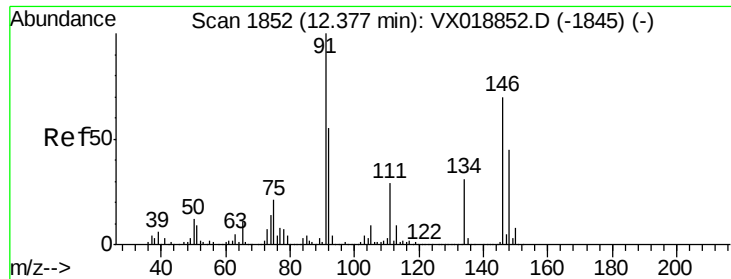
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#90
Hexachloroethane
Concen: 47.315 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.4	37.4	112.2





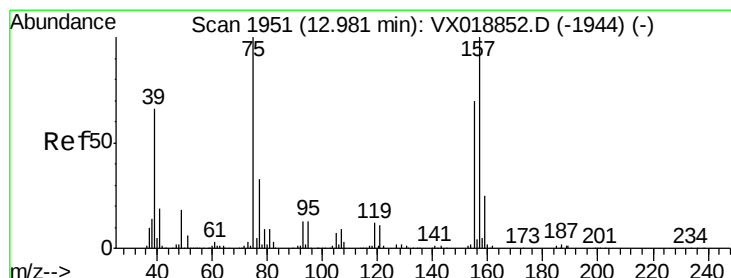
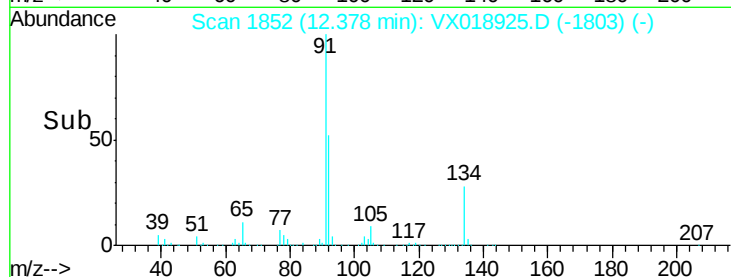
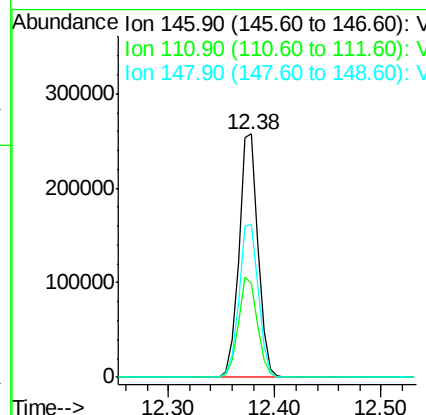
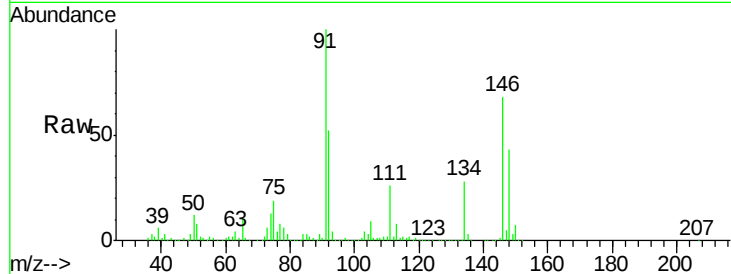
#91
 1,2-Dichlorobenzene
 Concen: 50.404 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	322726		
111	41.4	20.6	61.9	
148	64.6	31.1	93.2	

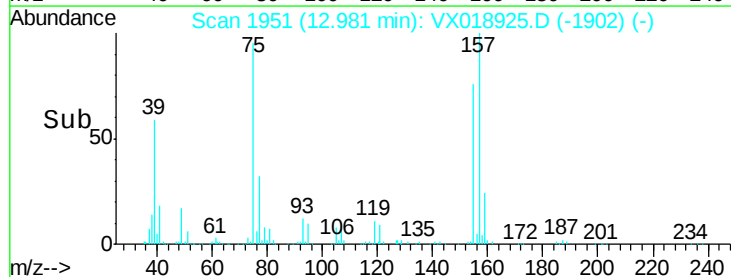
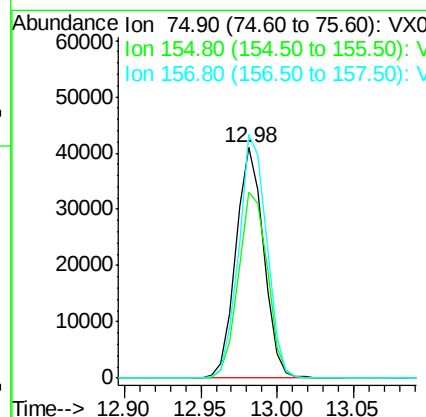
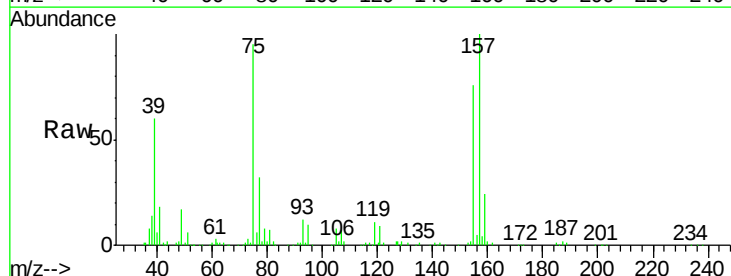
Manual Integrations
 APPROVED

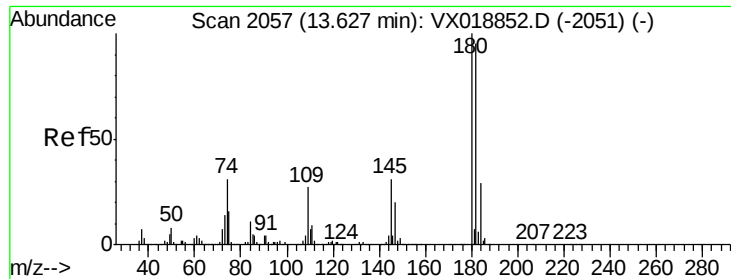
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.604 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51831		
155	83.6	38.0	113.9	
157	105.5	50.9	152.7	





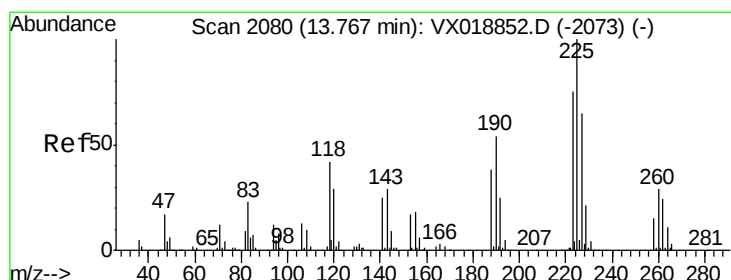
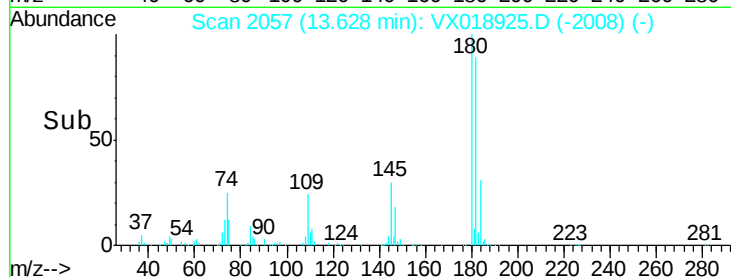
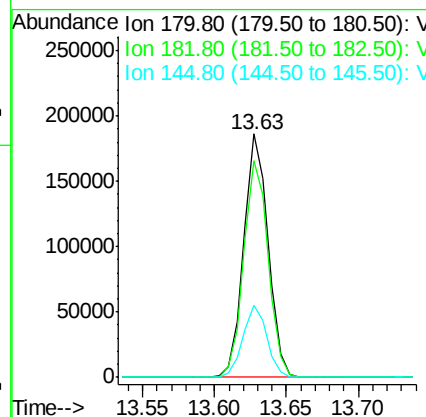
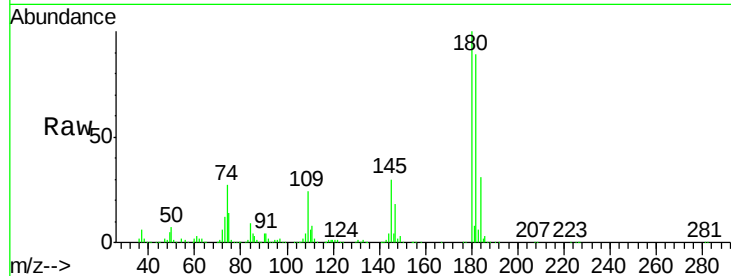
#93
 1,2,4-Trichlorobenzene
 Concen: 53.212 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	218576		
182	90.0	49.1	147.3	
145	29.2	16.0	48.0	

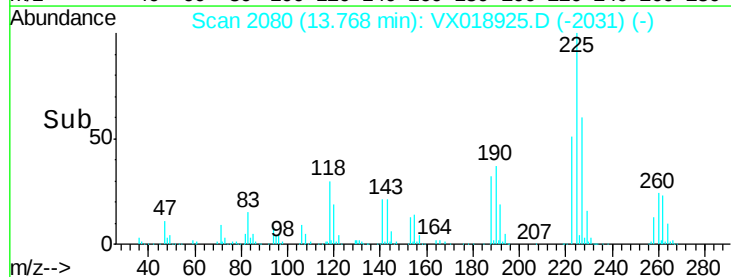
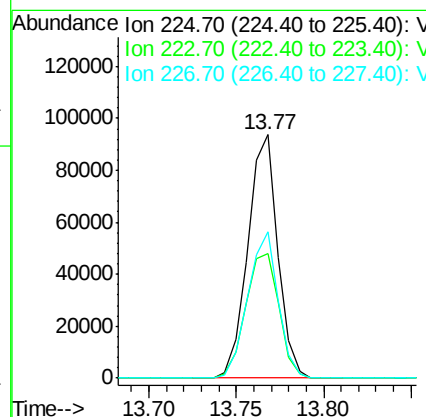
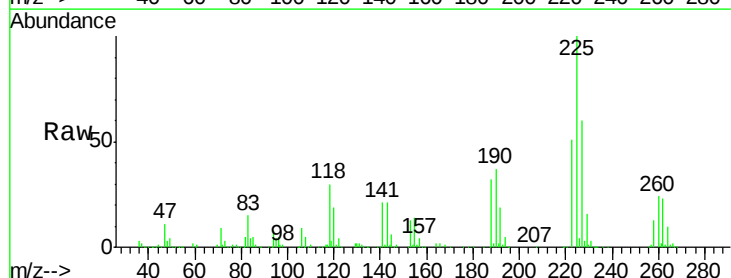
Manual Integrations
 APPROVED

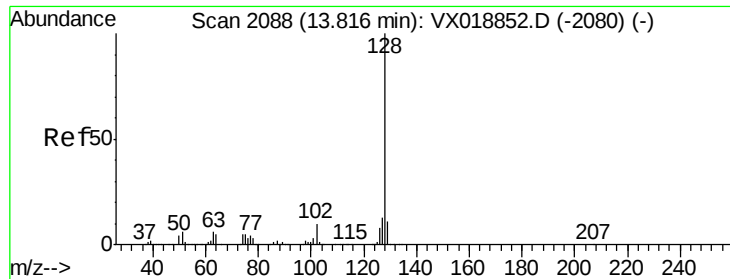
MMDadoda
 10/14/2020 2:08:24 PM



#94
 Hexachlorobutadiene
 Concen: 60.794 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110918		
223	57.3	32.1	96.3	
227	60.8	33.0	98.9	





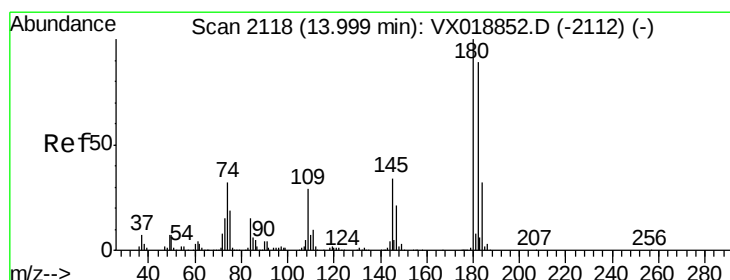
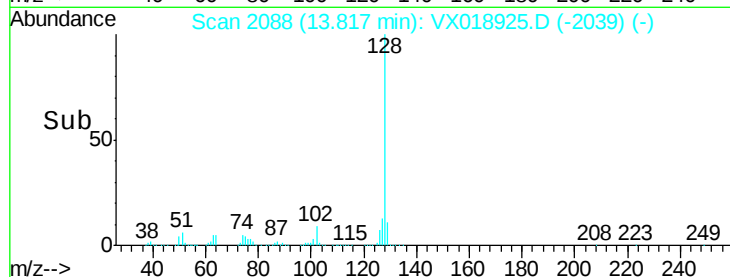
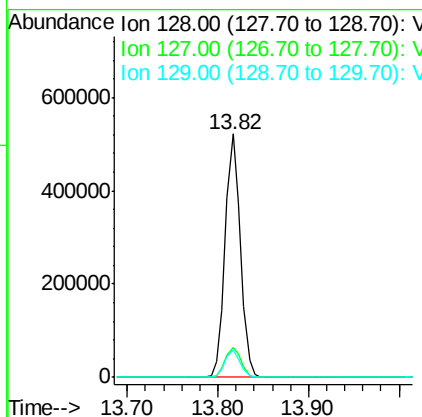
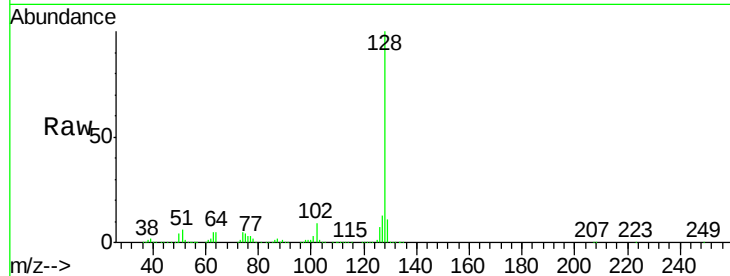
#95
Naphthalene
Concen: 44.759 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/14/2020 2:08:24 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.453 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.7	143.1
145	31.7	16.7	50.0

