

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019043.D
 Acq On : 22 Oct 2020 21:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 1:20:01 PM

Quant Time: Oct 23 08:42:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	237743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190139	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	138365	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	5.47	113	122649	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.70	98	469177	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	11.12	95	170315	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	121346	51.242	ug/l	100
3) Chloromethane	1.31	50	111165	47.212	ug/l	100
4) Vinyl Chloride	1.39	62	137783	49.593	ug/l	100
5) Bromomethane	1.64	94	118321	46.470	ug/l	99
6) Chloroethane	1.71	64	94170	48.437	ug/l	99
7) Trichlorofluoromethane	1.92	101	230564	49.109	ug/l	98
8) Diethyl Ether	2.17	74	88564	48.175	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	110294	49.588	ug/l	99
10) Methyl Iodide	2.50	142	124495	40.677	ug/l	99
11) Tert butyl alcohol	3.03	59	139533	241.922	ug/l	100
12) 1,1-Dichloroethene	2.36	96	112872	48.778	ug/l	98
13) Acrolein	2.28	56	61429	280.675	ug/l	98
14) Allyl chloride	2.71	41	143820	48.043	ug/l	99
15) Acrylonitrile	3.12	53	273161	244.916	ug/l	100
16) Acetone	2.42	43	231566	238.731	ug/l	99
17) Carbon Disulfide	2.55	76	306499	45.926	ug/l	100
18) Methyl Acetate	2.75	43	121833	50.616	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	362830	49.500	ug/l	99
20) Methylene Chloride	2.84	84	131195	48.583	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	130476	48.321	ug/l	100
22) Diisopropyl ether	3.82	45	291678	49.412	ug/l	100
23) Vinyl Acetate	3.78	43	1397527	249.329	ug/l	99
24) 1,1-Dichloroethane	3.67	63	211930	49.299	ug/l	100
25) 2-Butanone	4.64	43	377099	246.042	ug/l	99
26) 2,2-Dichloropropane	4.55	77	172787	43.532	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	150490	49.109	ug/l	99
28) Bromochloromethane	4.98	49	89558	49.061	ug/l	98
29) Tetrahydrofuran	5.09	42	219457	239.564	ug/l	99
30) Chloroform	5.18	83	235497	50.458	ug/l	96
31) Cyclohexane	5.55	56	163017	48.882	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	212983	50.316	ug/l	100
36) 1,1-Dichloropropene	5.77	75	173737	48.282	ug/l	99
37) Ethyl Acetate	4.79	43	149589	48.706	ug/l	100
38) Carbon Tetrachloride	5.76	117	184405	48.825	ug/l	99

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MMDadoda
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Quant Time: Oct 23 08:42:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	192212	47.679	ug/l	98
40) Benzene	6.11	78	522711	49.324	ug/l	100
41) Methacrylonitrile	5.00	41	78295	47.458	ug/l	99
42) 1,2-Dichloroethane	6.16	62	180453	49.895	ug/l	99
43) Isopropyl Acetate	6.41	43	252575	48.558	ug/l	99
44) Trichloroethene	7.19	130	149038	48.224	ug/l	90
45) 1,2-Dichloropropane	7.49	63	125314	49.297	ug/l	98
46) Dibromomethane	7.63	93	95417	49.282	ug/l	99
47) Bromodichloromethane	7.87	83	189151	49.827	ug/l	97
48) Methyl methacrylate	7.74	41	121493	47.404	ug/l	99
49) 1,4-Dioxane	7.73	88	57304	989.583	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	766078	249.944	ug/l	99
52) Toluene	8.76	92	346200	49.460	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	208127	48.550	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	219103	48.400	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	141192	49.481	ug/l	98
56) Ethyl methacrylate	9.16	69	204995	49.935	ug/l	99
57) 1,3-Dichloropropane	9.35	76	227196	50.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	527834	244.762	ug/l	99
59) 2-Hexanone	9.48	43	575489	251.956	ug/l	100
60) Dibromochloromethane	9.57	129	155426	49.975	ug/l	99
61) 1,2-Dibromoethane	9.65	107	152259	49.872	ug/l	99
64) Tetrachloroethene	9.32	164	130597	46.186	ug/l	97
65) Chlorobenzene	10.12	112	381915	49.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	141822	51.205	ug/l	99
67) Ethyl Benzene	10.24	91	668384	49.774	ug/l	100
68) m/p-Xylenes	10.34	106	518778	100.853	ug/l	98
69) o-Xylene	10.68	106	249221	50.623	ug/l	99
70) Styrene	10.70	104	428191	51.229	ug/l	99
71) Bromoform	10.84	173	115681	51.739	ug/l #	98
73) Isopropylbenzene	11.00	105	666387	48.719	ug/l	99
74) N-amyl acetate	10.88	43	218071	49.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	207328	50.314	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	189168m	49.777	ug/l	
77) Bromobenzene	11.24	156	167191	48.399	ug/l	99
78) n-propylbenzene	11.34	91	758180	48.918	ug/l	99
79) 2-Chlorotoluene	11.40	91	441958	48.879	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	555115	49.146	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	68490	45.916	ug/l	98
82) 4-Chlorotoluene	11.49	91	523632	48.670	ug/l	99
83) tert-Butylbenzene	11.76	119	549135	49.351	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	562595	49.741	ug/l	100
85) sec-Butylbenzene	11.93	105	656363	48.746	ug/l	100
86) p-Isopropyltoluene	12.05	119	602587	48.979	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	305801	48.258	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	305392	46.961	ug/l	99
89) n-Butylbenzene	12.37	91	541733	48.105	ug/l	99
90) Hexachloroethane	12.58	117	95853	50.891	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	286381	48.471	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44402	47.322	ug/l	98

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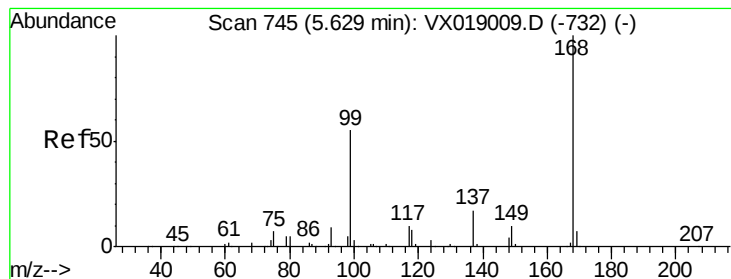
Manual Integrations
APPROVED

MMDadoda
10/23/2020 1:20:01 PM

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	202906	46.942	ug/l	99
94) Hexachlorobutadiene	13.77	225	86193	43.011	ug/l	99
95) Naphthalene	13.82	128	680558	50.040	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	200203	47.583	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 237743

Ion Ratio Lower Upper

168 100

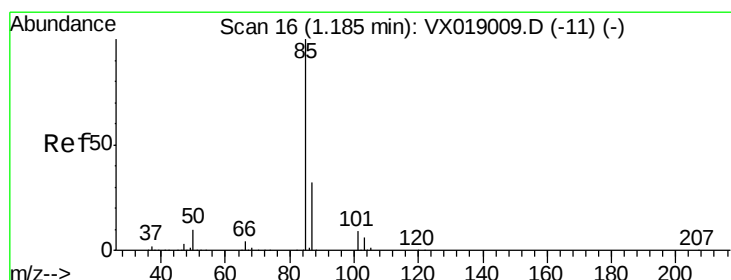
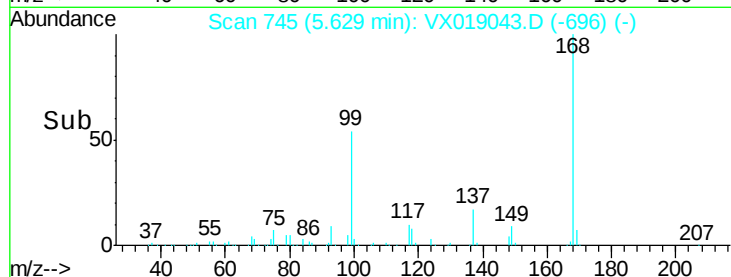
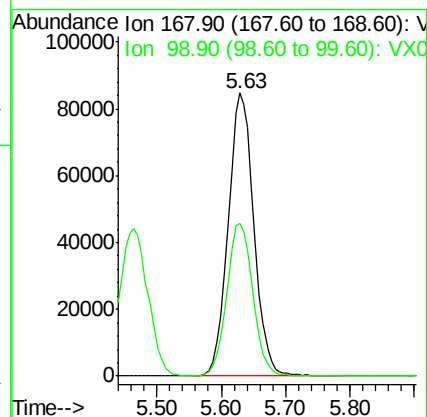
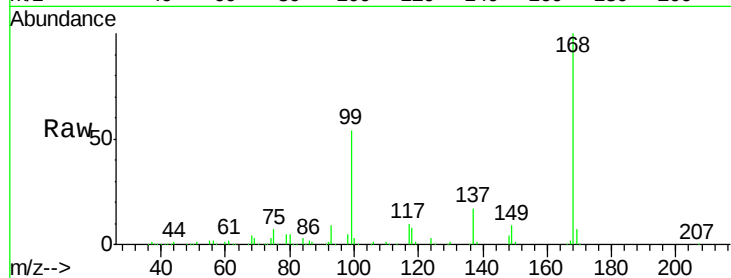
99 53.7 44.2 66.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 51.242 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019043.D

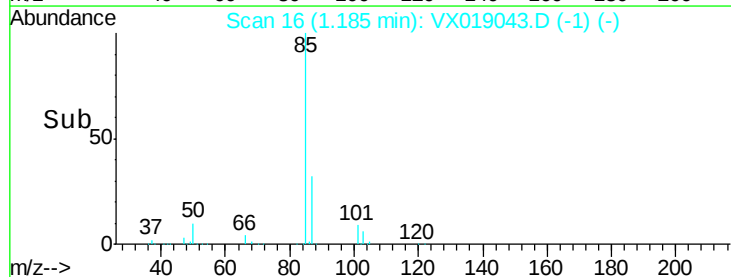
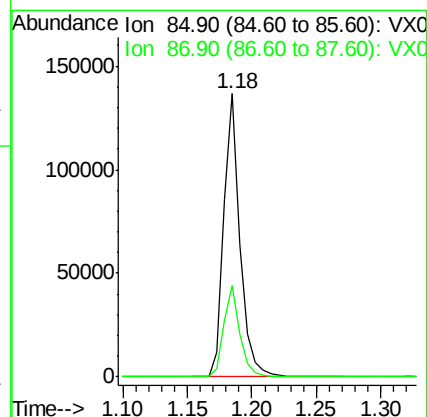
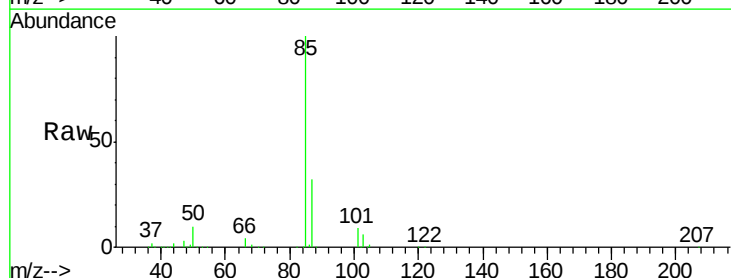
Acq: 22 Oct 2020 21:58

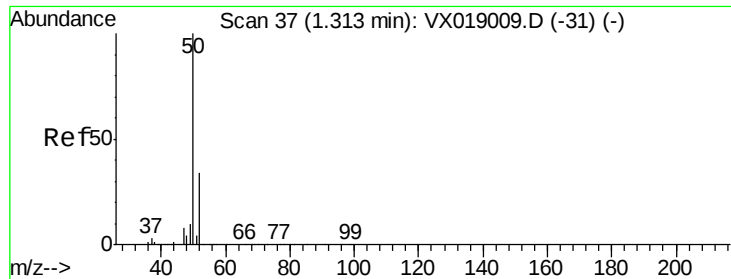
Tgt Ion: 85 Resp: 121346

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.6





#3

Chloromethane

Concen: 47.212 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 111165

Ion Ratio Lower Upper

50 100

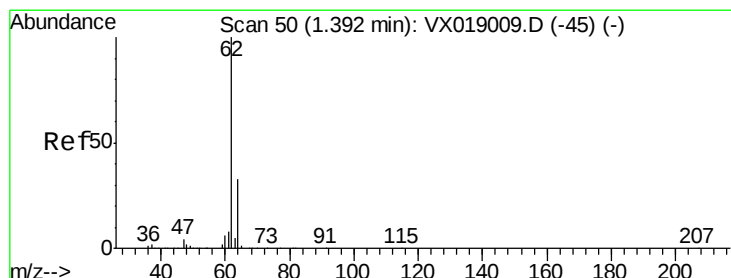
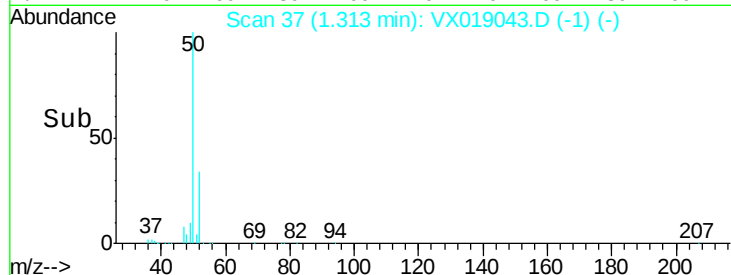
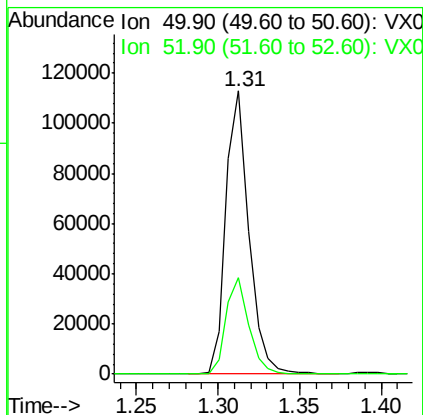
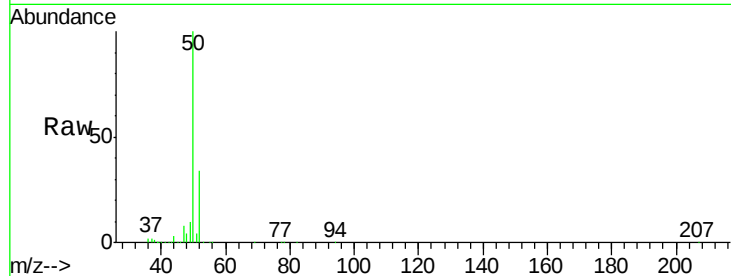
52 33.9 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.593 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019043.D

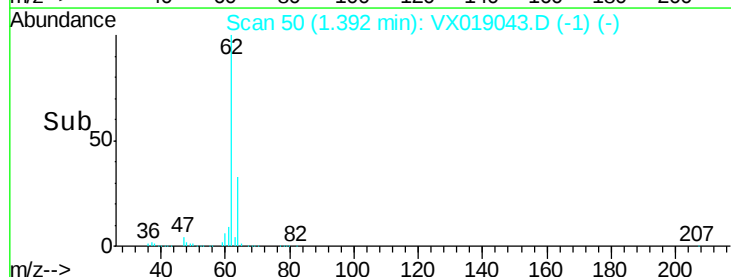
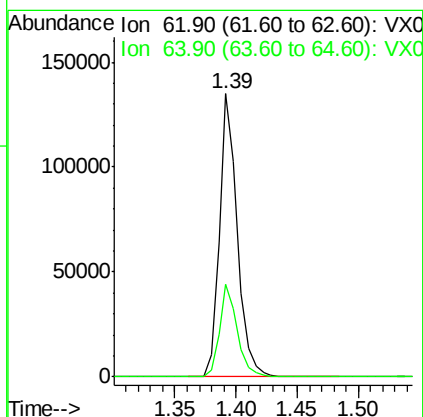
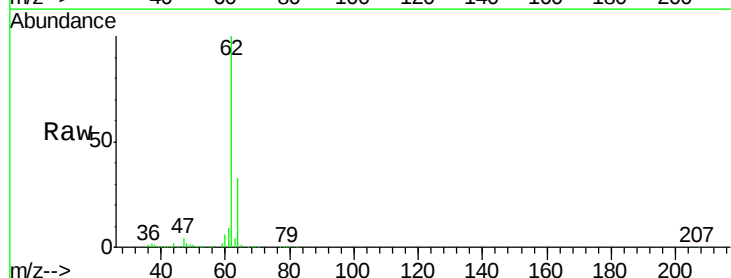
Acq: 22 Oct 2020 21:58

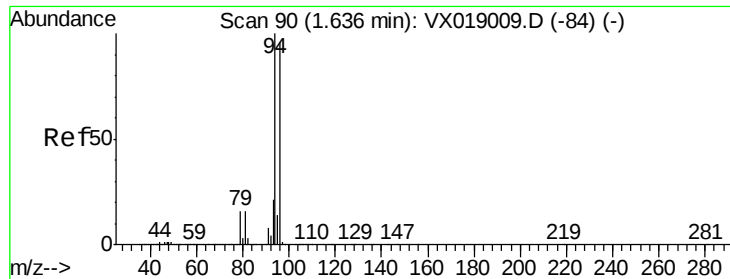
Tgt Ion: 62 Resp: 137783

Ion Ratio Lower Upper

62 100

64 32.8 26.5 39.7





#5

Bromomethane

Concen: 46.470 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Tot Ion: 94 Resp: 118321

Ion Ratio Lower Upper

94 100

96 95.7 77.1 115.7

Instrument :

MSVOA_X

ClientSampleId :

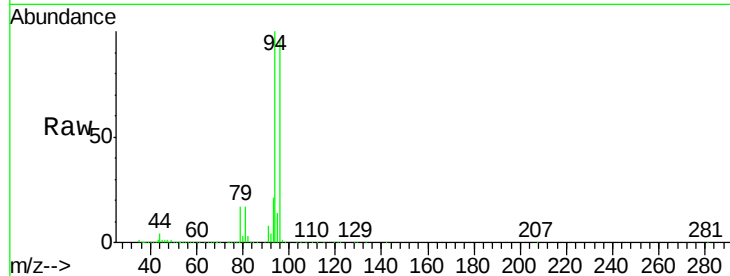
VSTDCCC050

Manual Integrations

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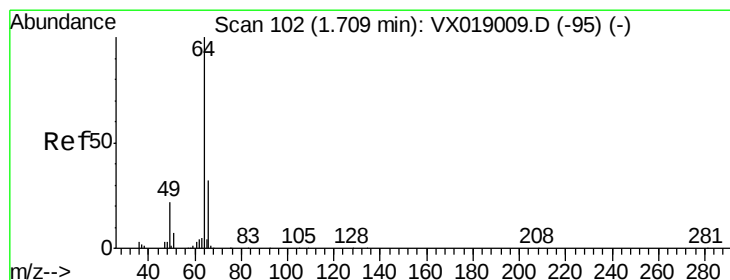
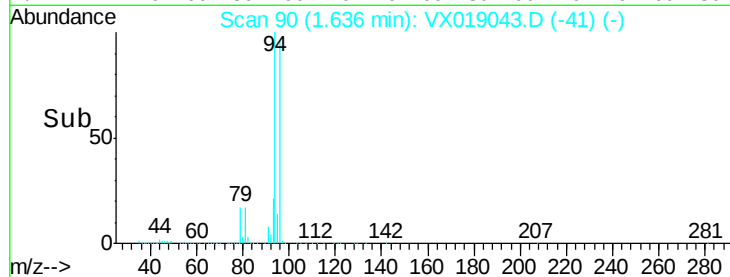
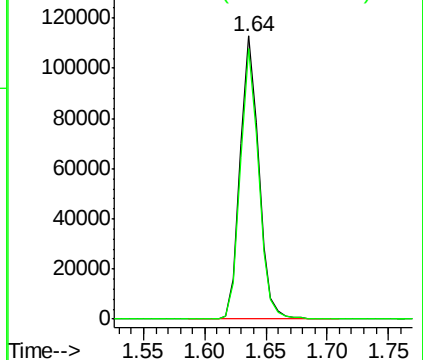
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.437 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019043.D

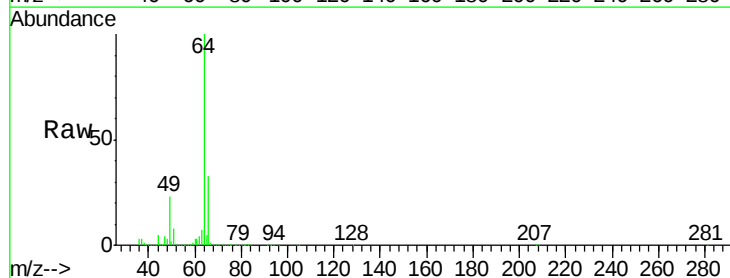
Acq: 22 Oct 2020 21:58

Tgt Ion: 64 Resp: 94170

Ion Ratio Lower Upper

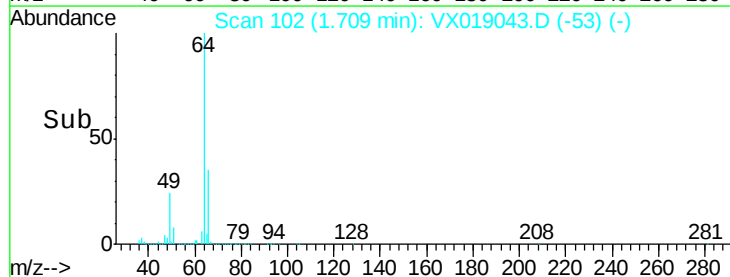
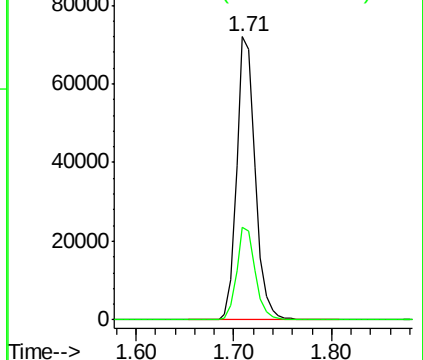
64 100

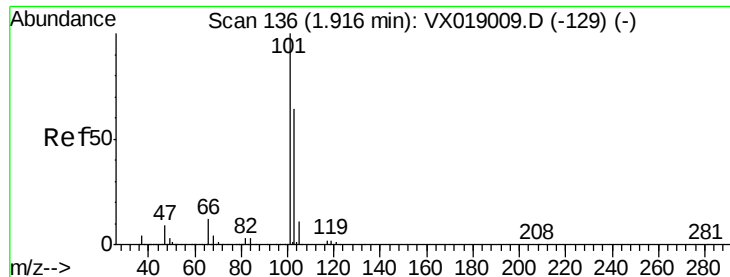
66 32.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

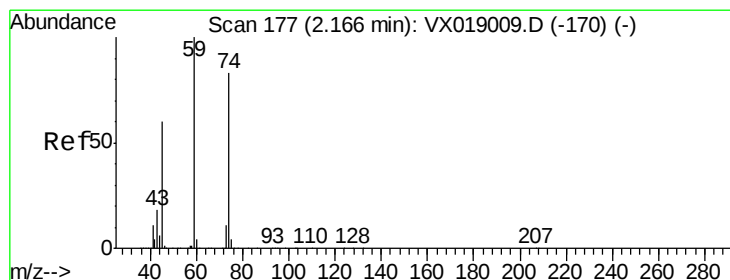
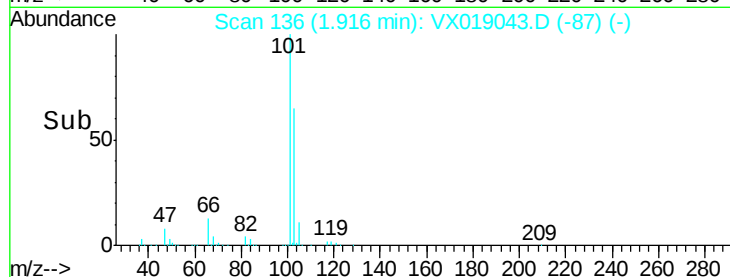
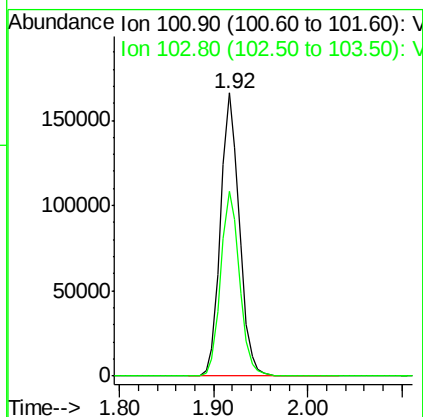
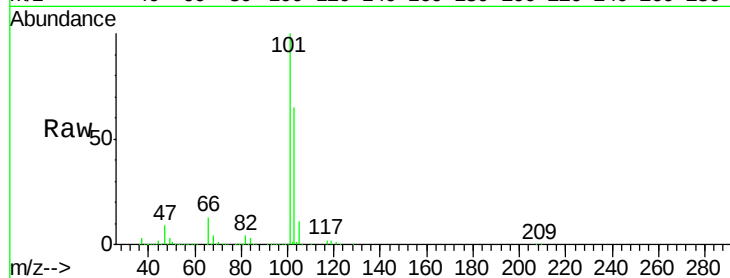
Trichlorofluoromethane
Concen: 49.109 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.2	76.8

Manual Integrations
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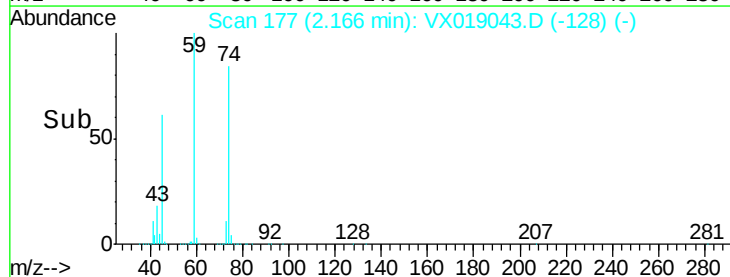
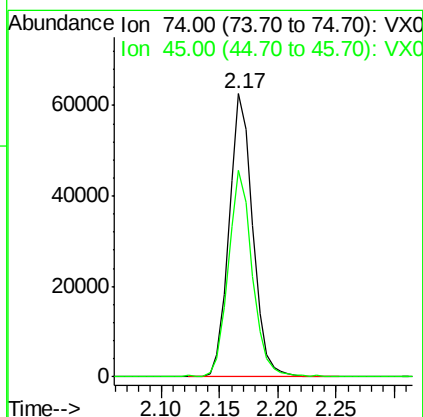
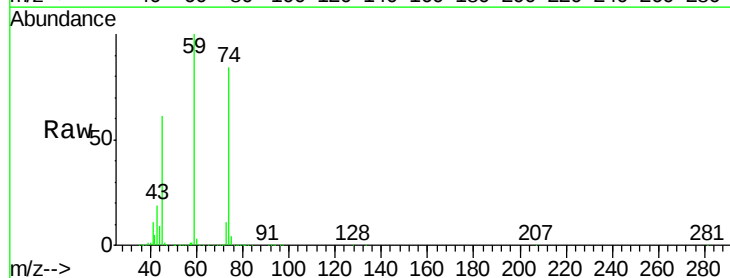
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10/23/2020 1:20:01 PM

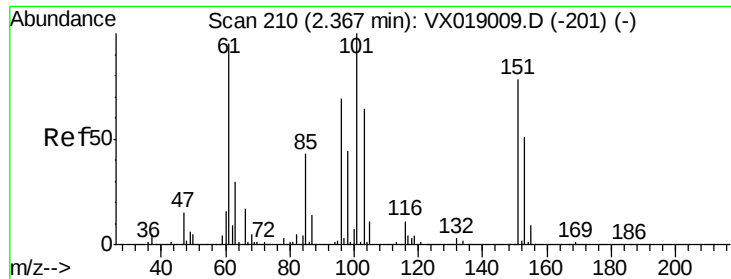


#8

Diethyl Ether
Concen: 48.175 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.3	36.8	110.4





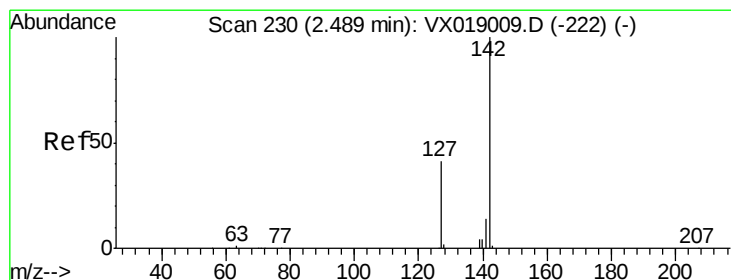
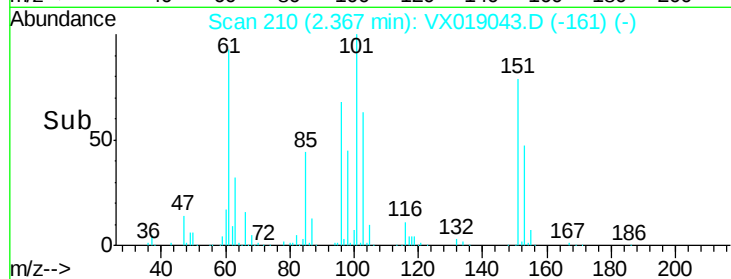
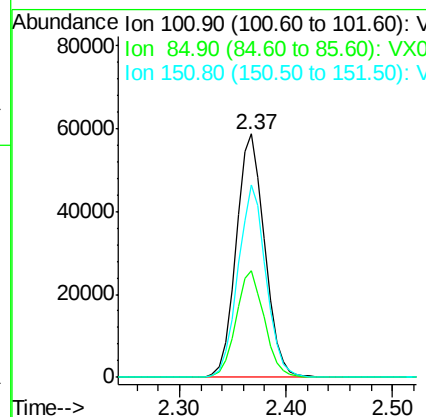
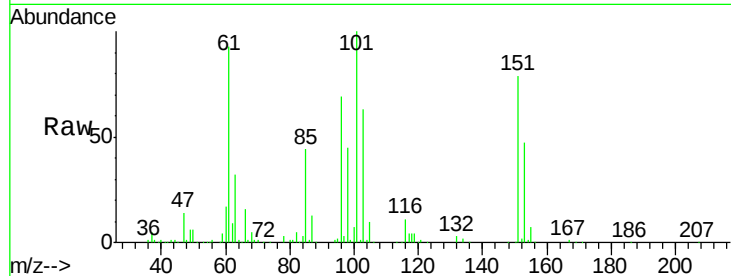
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.588 ug/l
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	110294		
85	43.5	35.2	52.8	
151	77.4	62.4	93.6	

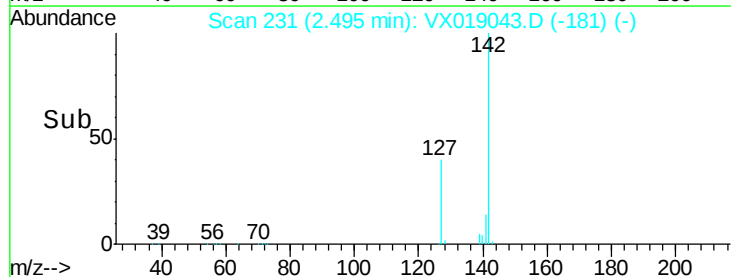
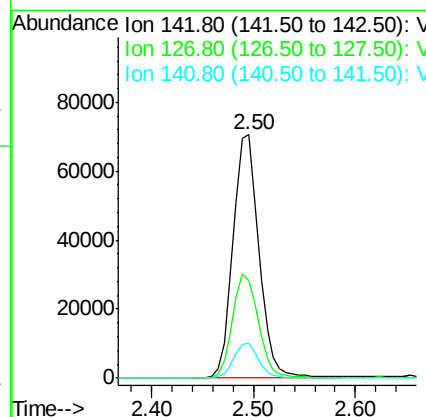
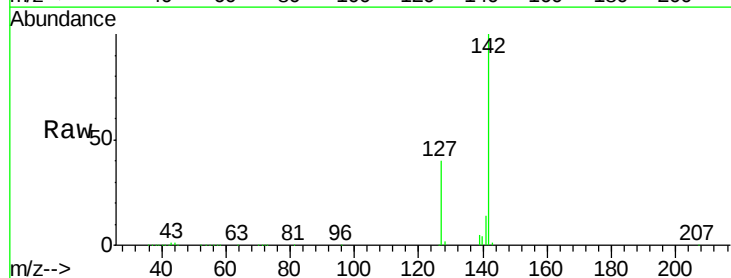
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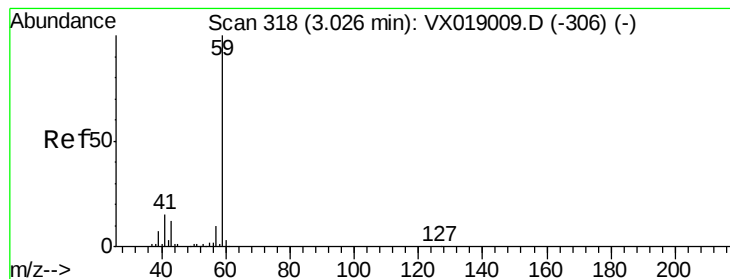
MMDadoda
10/23/2020 1:20:01 PM



#10
Methyl Iodide
Concen: 40.677 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	124495		
127	43.0	33.6	50.4	
141	13.9	11.2	16.8	





#11

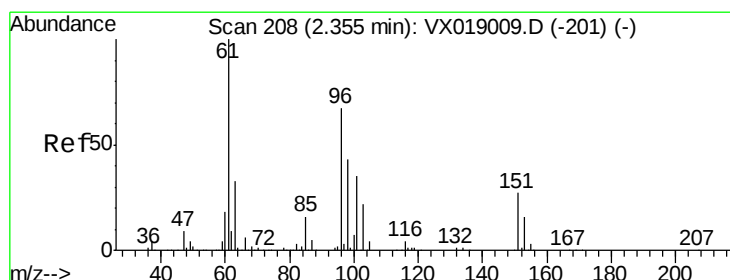
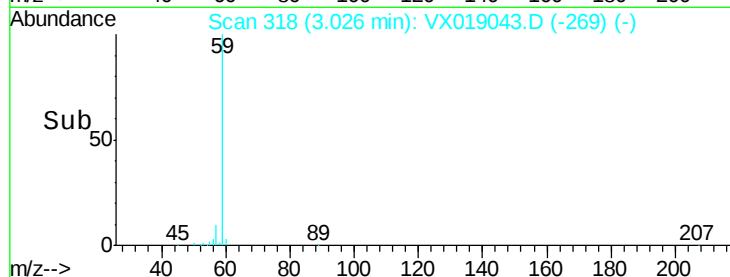
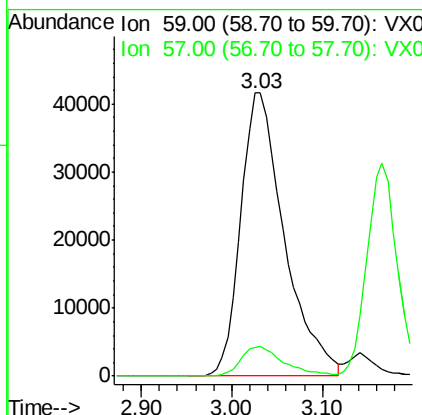
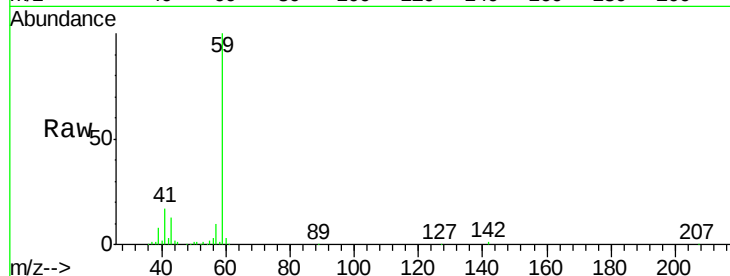
Tert butyl alcohol
Concen: 241.922 ug/l
RT: 3.03 min Scan# 318
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 139533
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

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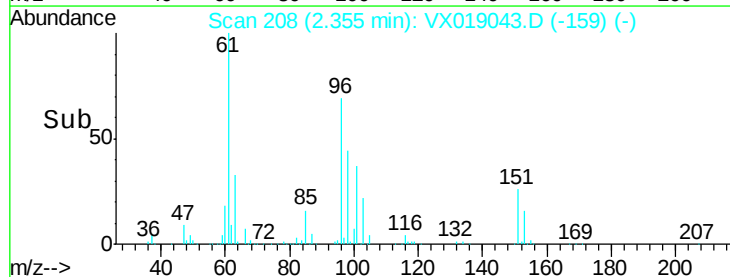
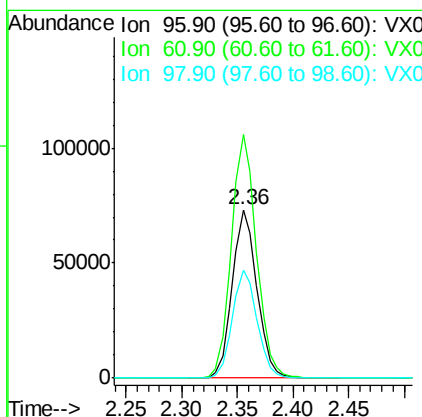
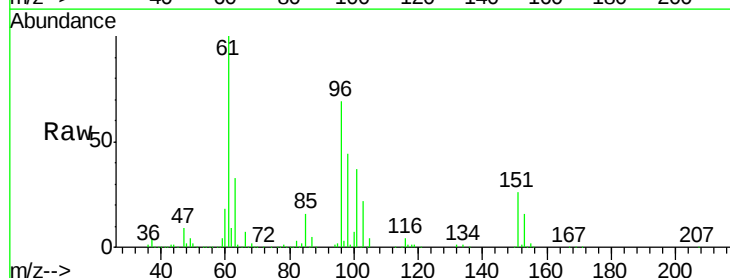
MMDadoda
10/23/2020 1:20:01 PM

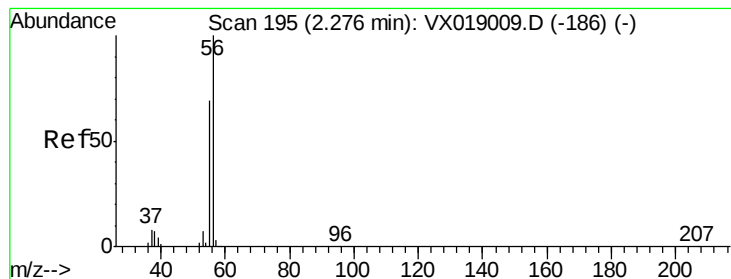


#12

1,1-Dichloroethene
Concen: 48.778 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion: 96 Resp: 112872
Ion Ratio Lower Upper
96 100
61 144.6 119.0 178.6
98 64.0 51.0 76.4





#13

Acrolein

Concen: 280.675 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 61429

Ion Ratio Lower Upper

56 100

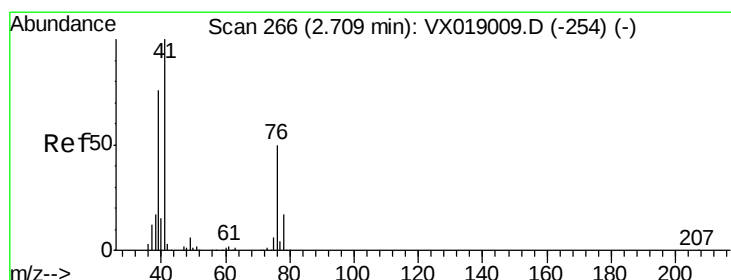
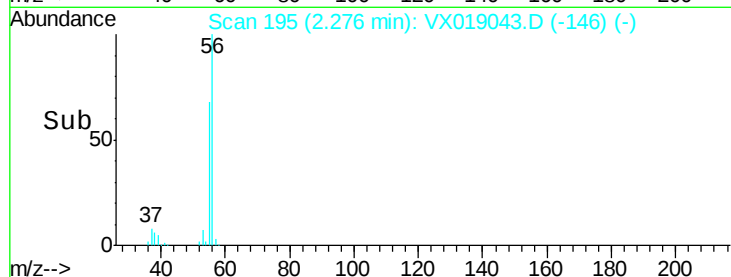
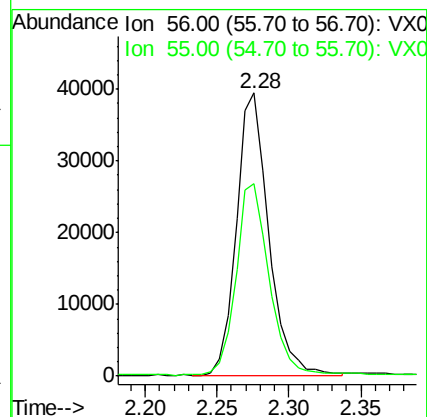
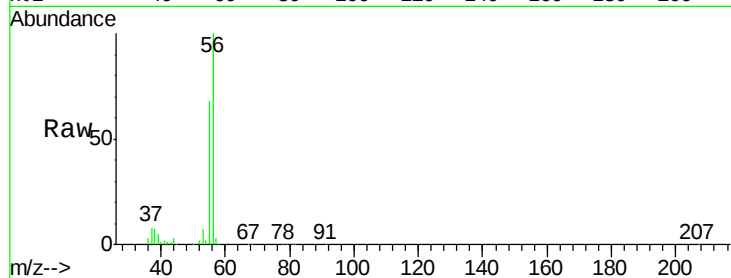
55 69.5 54.2 81.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.043 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

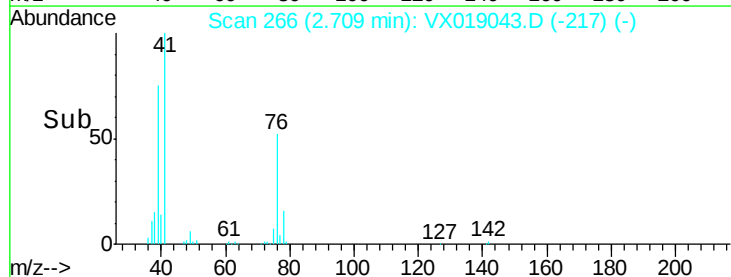
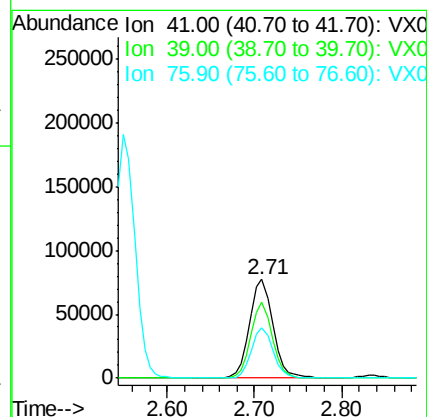
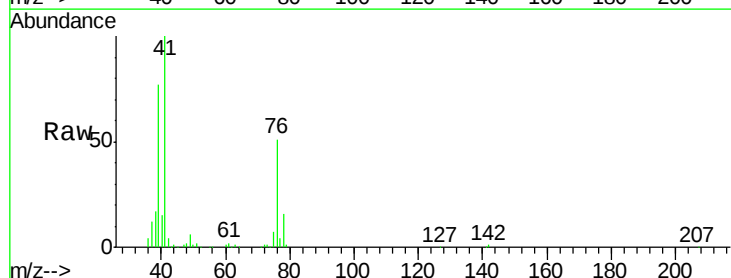
Tgt Ion: 41 Resp: 143820

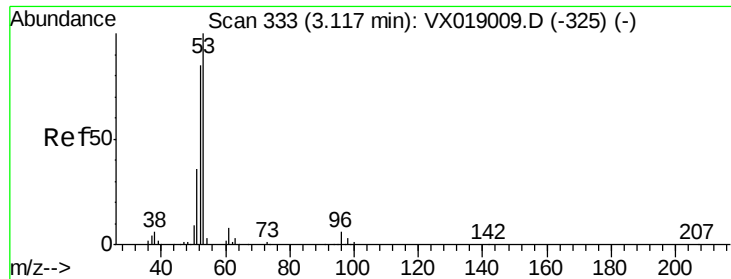
Ion Ratio Lower Upper

41 100

39 70.6 57.4 86.0

76 47.0 37.7 56.5





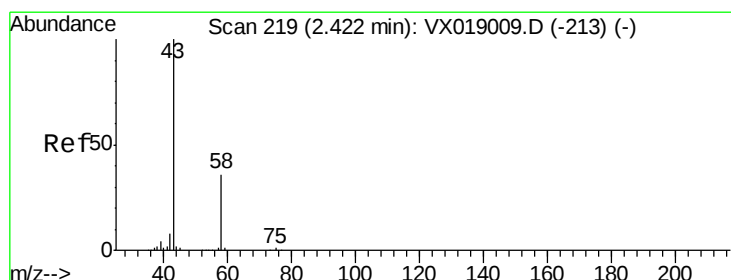
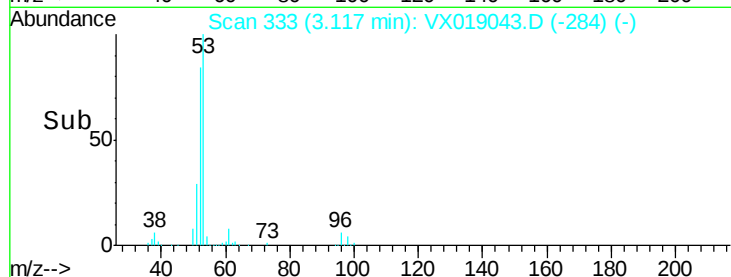
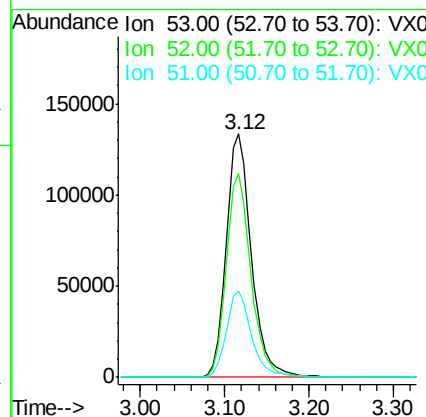
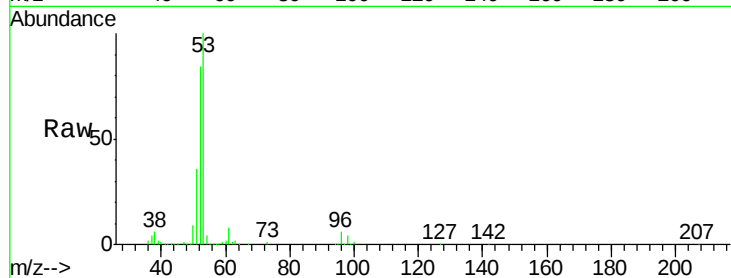
#15
 Acrylonitrile
 Concen: 244.916 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	273161
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.9	98.9
51	35.6	28.3	42.5

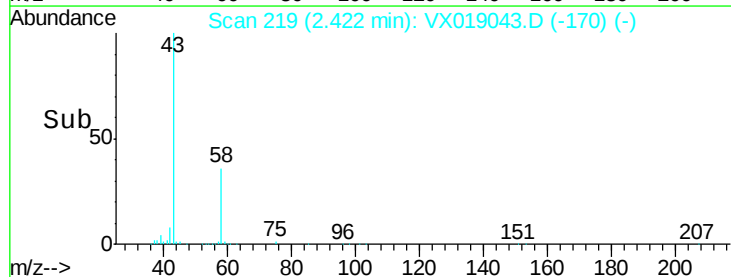
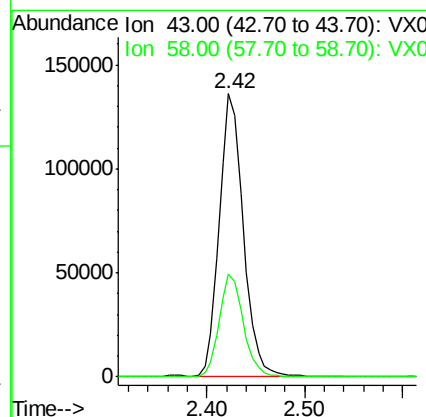
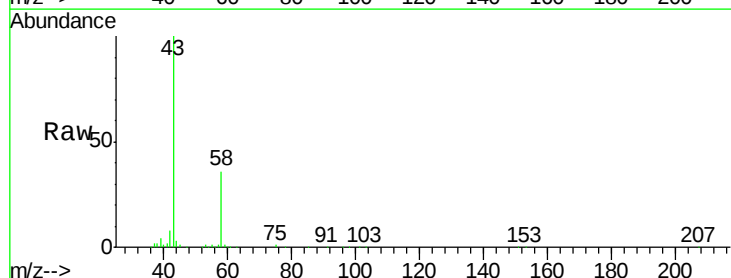
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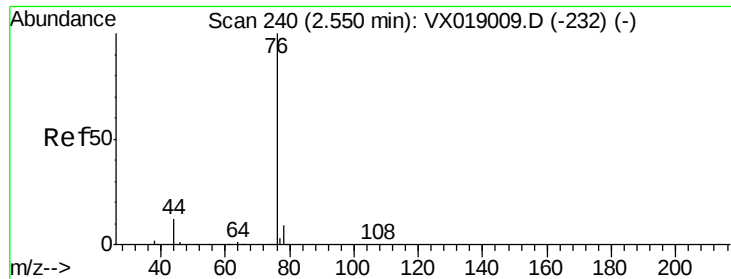
MMDadoda
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#16
 Acetone
 Concen: 238.731 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion:	43	Resp:	231566
Ion Ratio	Lower	Upper	
43	100		
58	36.4	28.6	42.8





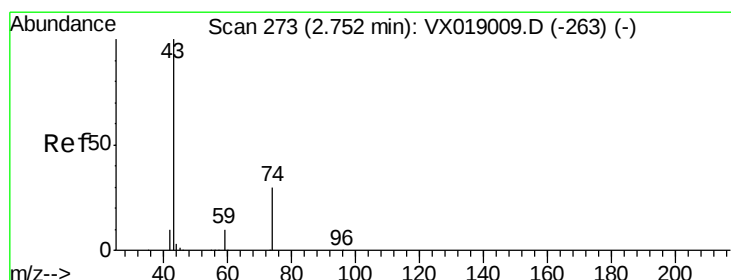
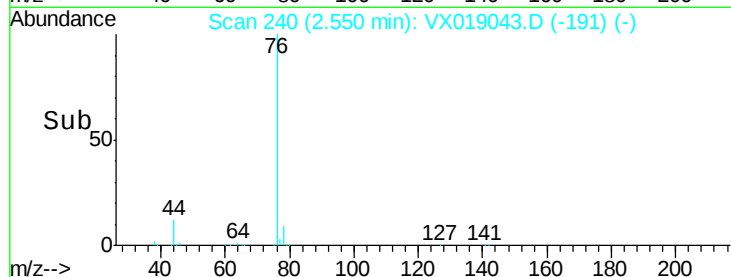
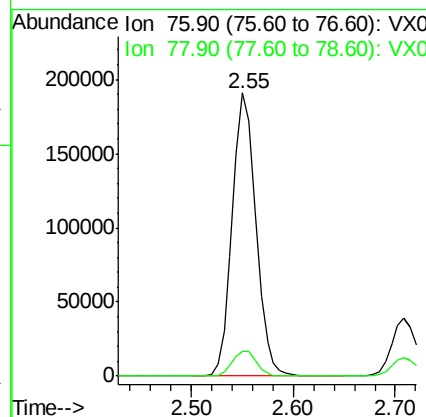
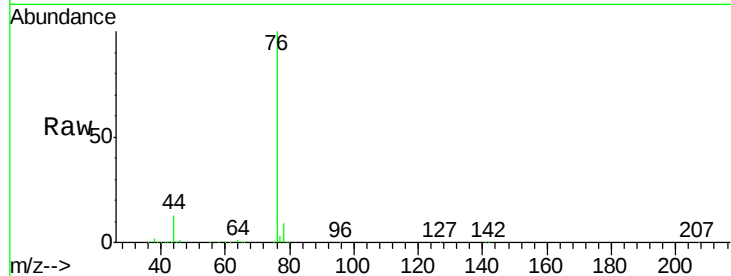
#17
Carbon Disulfide
Concen: 45.926 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

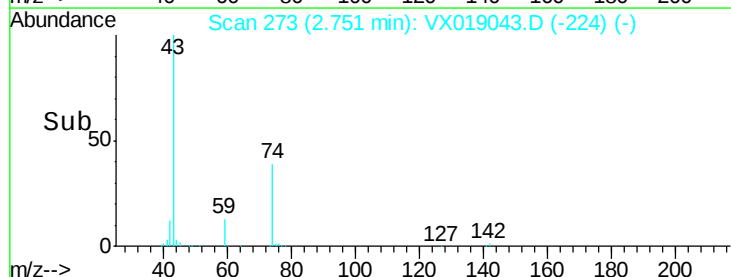
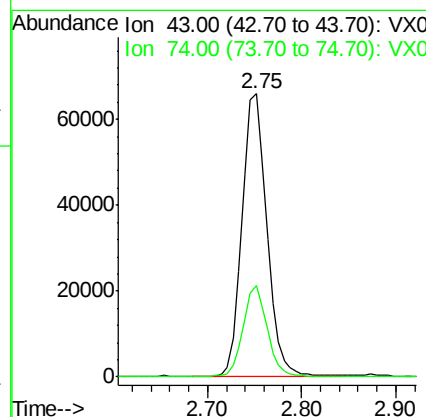
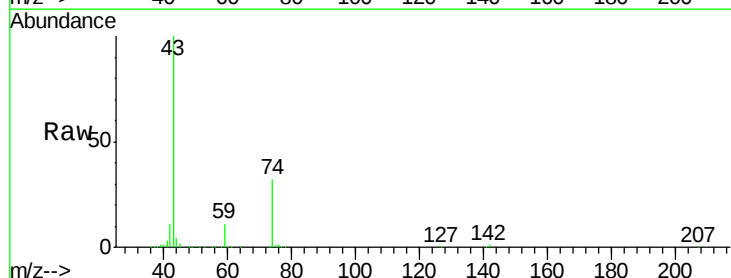
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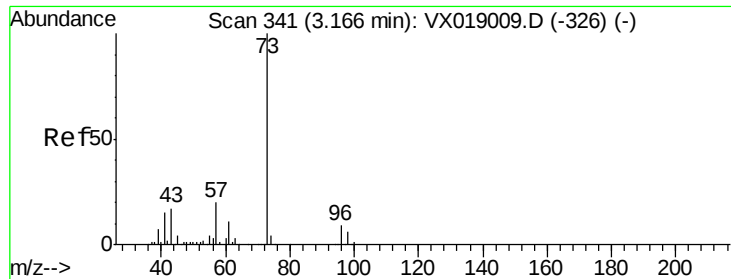
MMDadoda
10/23/2020 1:20:01 PM



#18
Methyl Acetate
Concen: 50.616 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.7	24.9	37.3





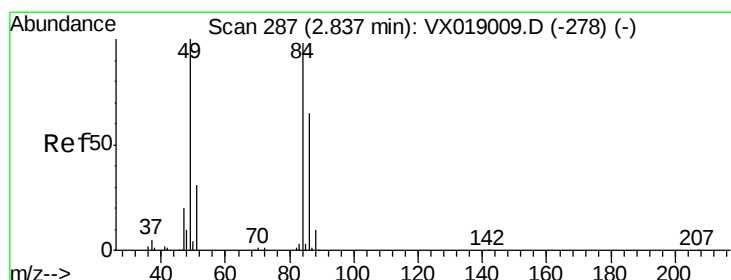
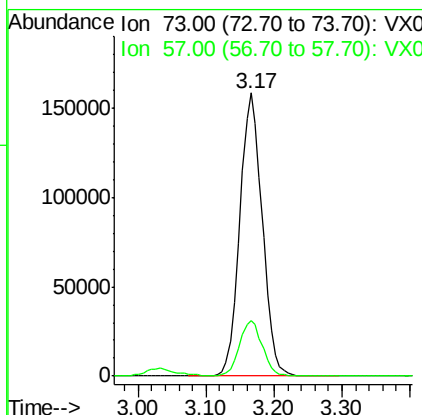
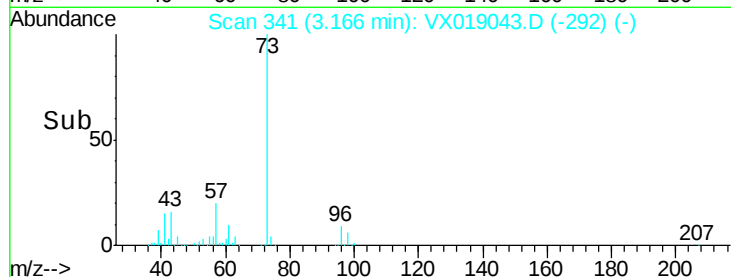
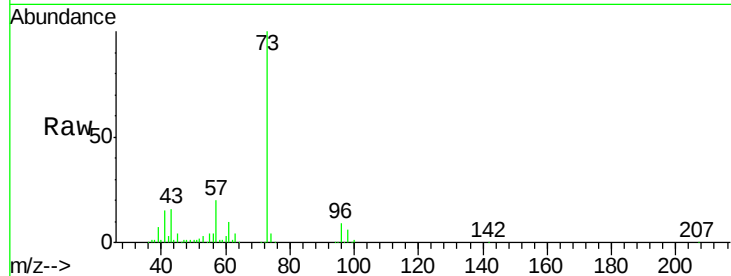
#19
Methyl tert-butyl Ether
Concen: 49.500 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.8	16.2	24.2

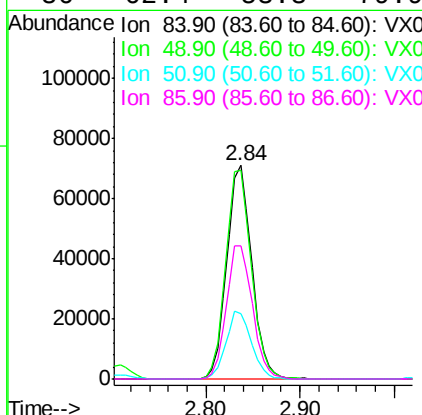
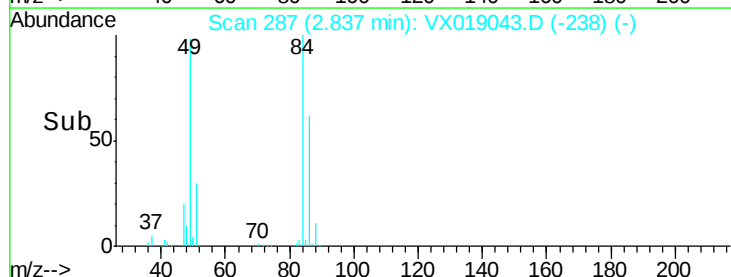
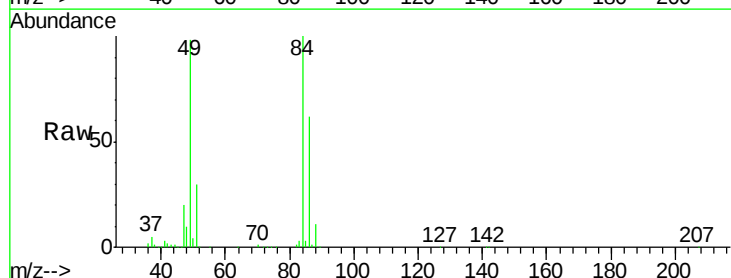
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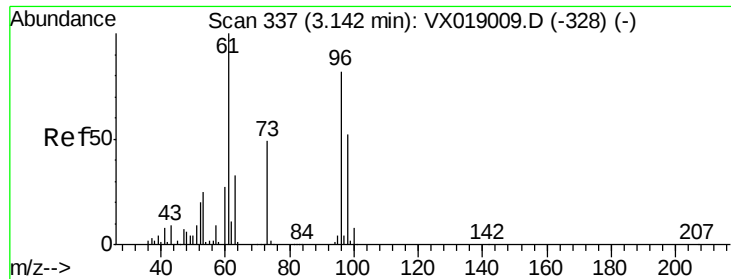
MMDadoda
10/23/2020 1:20:01 PM



#20
Methylene Chloride
Concen: 48.583 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	98.0	81.6	122.4
51	30.4	25.6	38.4
86	62.4	53.3	79.9





#21

trans-1,2-Dichloroethene

Concen: 48.321 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

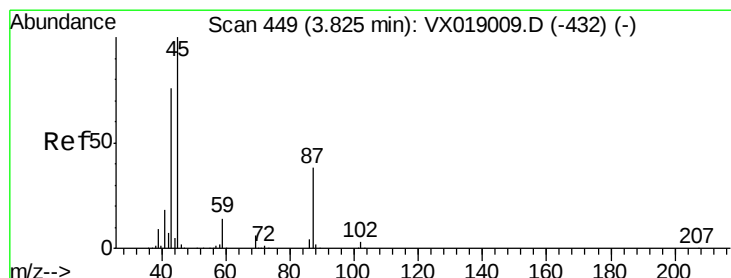
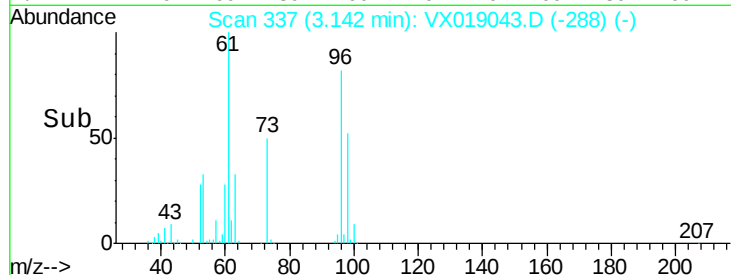
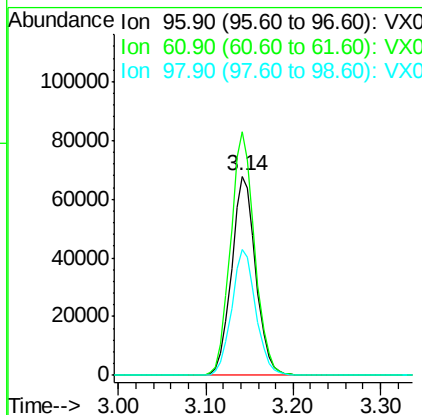
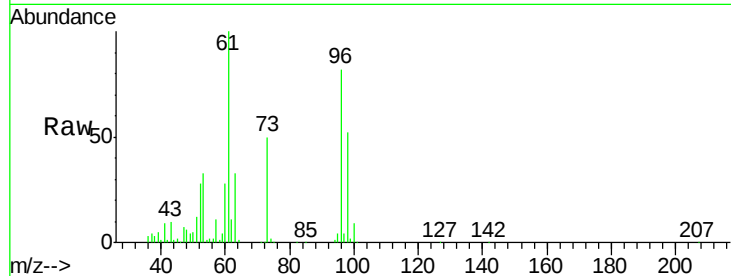
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	130476
Ion	Ratio	Lower	Upper
96	100		
61	122.1	97.8	146.6
98	63.1	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.412 ug/l

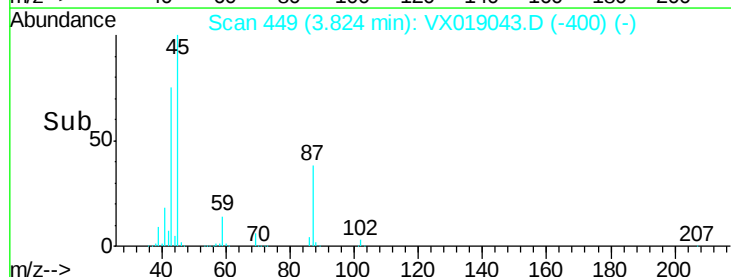
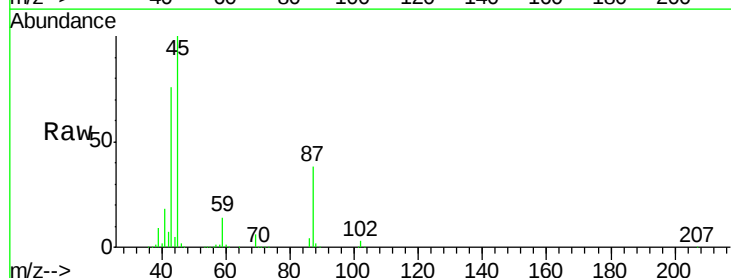
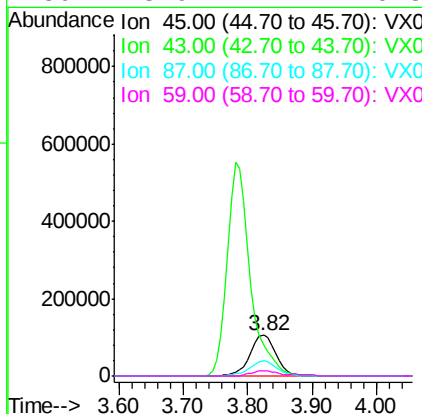
RT: 3.82 min Scan# 449

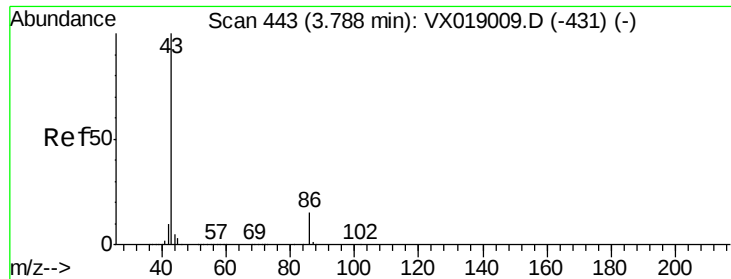
Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Tgt Ion:	45	Resp:	291678
Ion	Ratio	Lower	Upper
45	100		
43	75.6	60.4	90.6
87	37.7	30.4	45.6
59	13.9	11.2	16.8





#23

Vinyl Acetate

Concen: 249.329 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1397527

Ion Ratio Lower Upper

43 100

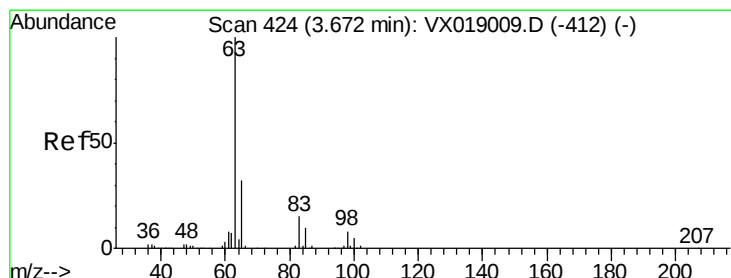
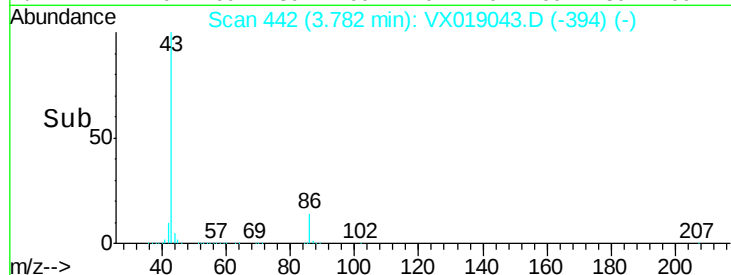
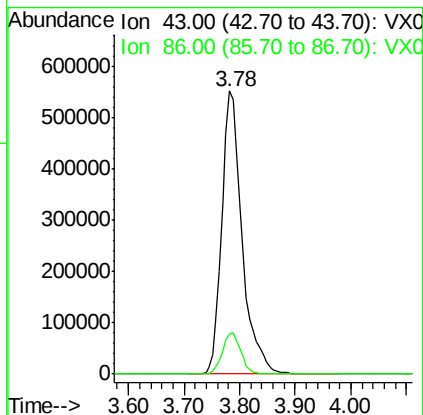
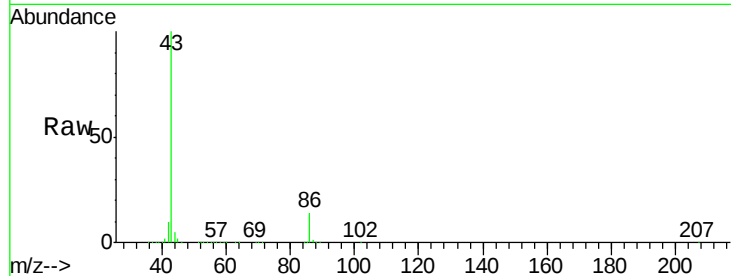
86 14.3 11.7 17.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.299 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

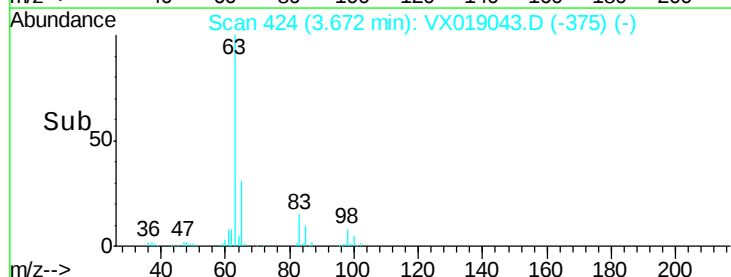
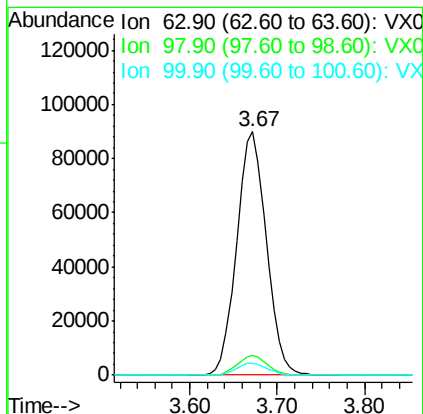
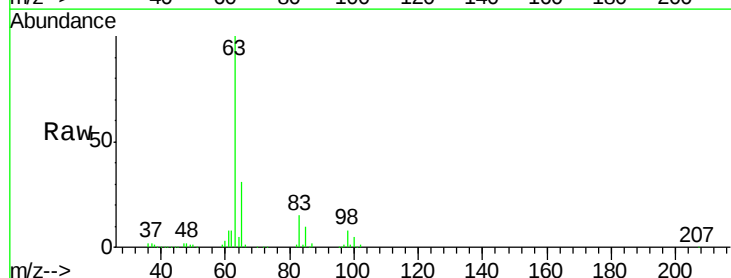
Tgt Ion: 63 Resp: 211930

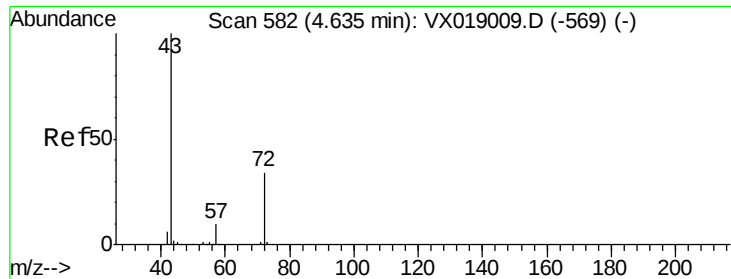
Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.0

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 246.042 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 377099

Ion Ratio Lower Upper

43 100

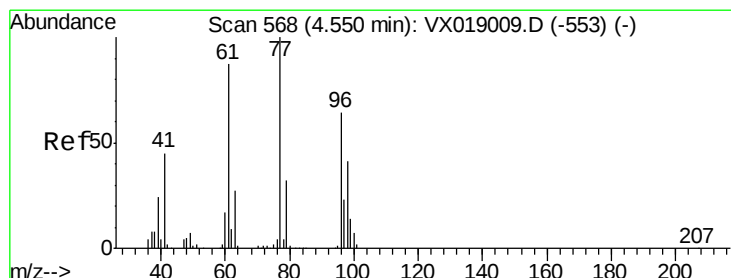
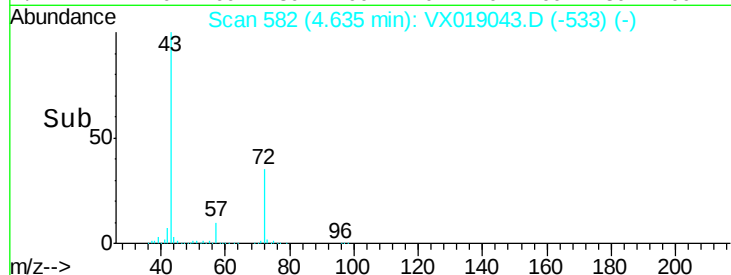
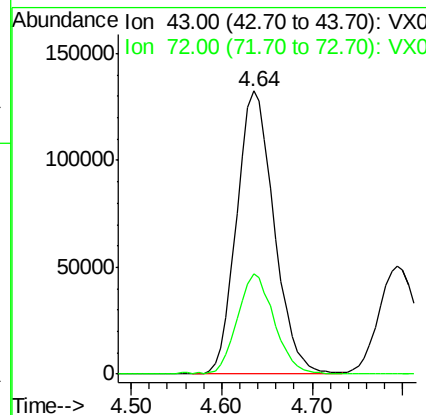
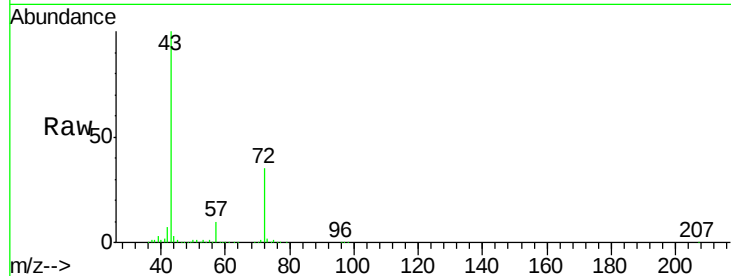
72 35.1 27.8 41.6

Manual Integrations

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10/23/2020 1:20:01 PM



#26

2,2-Dichloropropane

Concen: 43.532 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019043.D

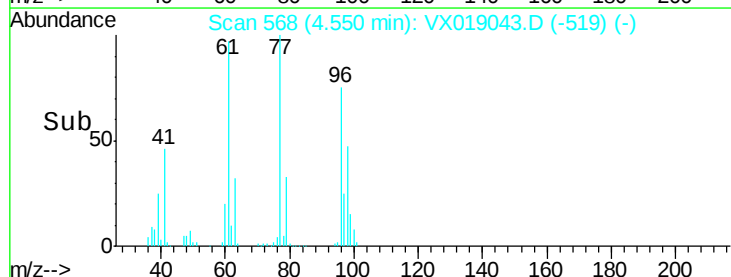
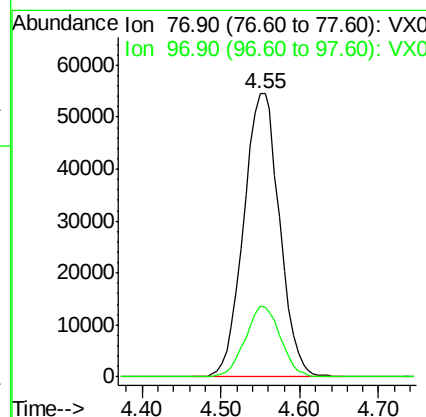
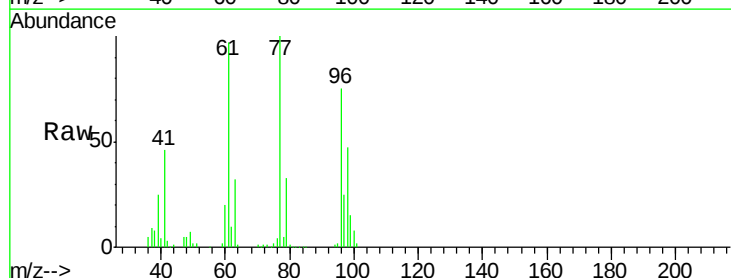
Acq: 22 Oct 2020 21:58

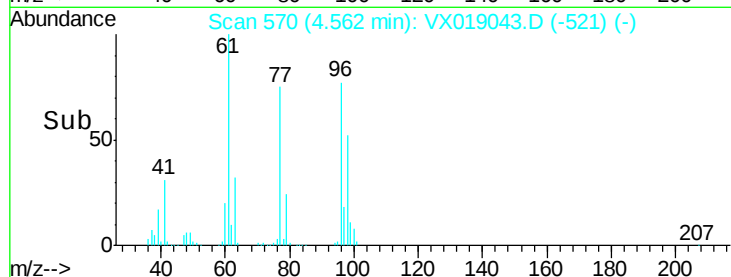
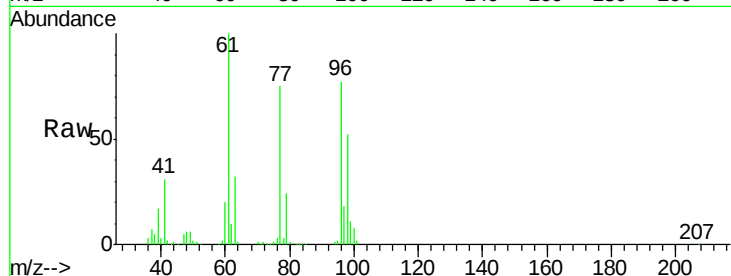
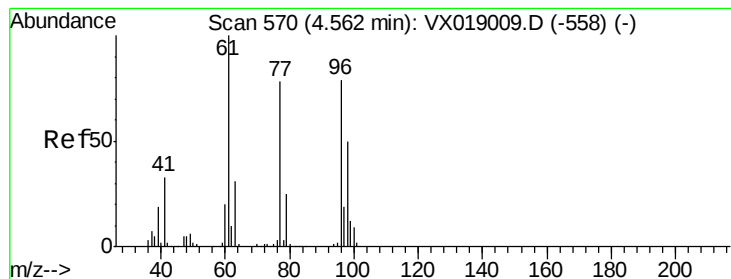
Tgt Ion: 77 Resp: 172787

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 49.109 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Tot Ion:	96	Resp:	150490
Ion Ratio	Lower	Upper	
96	100		
61	128.2	0.0	260.0
98	64.5	0.0	131.4

Instrument :

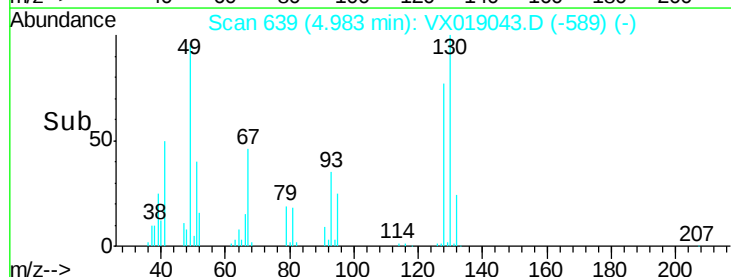
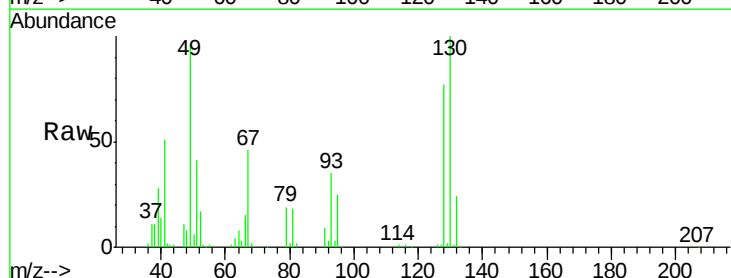
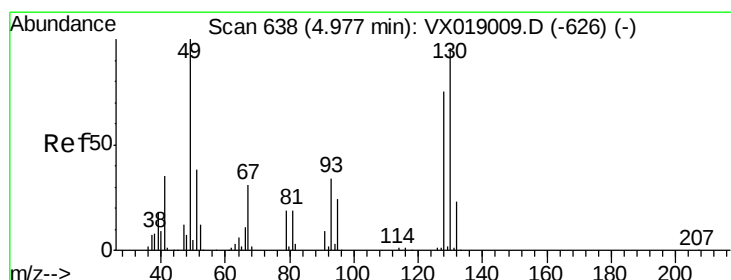
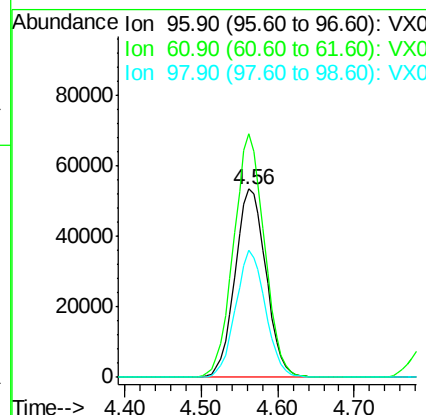
MSVOA_X

ClientSampleId :

VSTDCCC050

Manual Integrations
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#28

Bromochloromethane

Concen: 49.061 ug/l

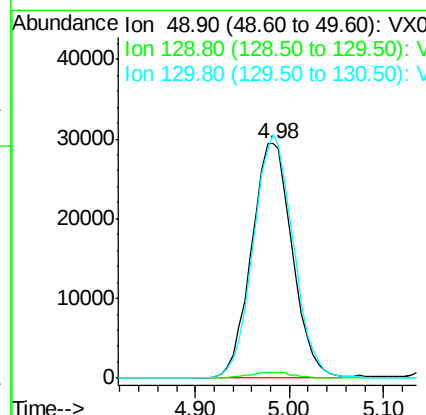
RT: 4.98 min Scan# 639

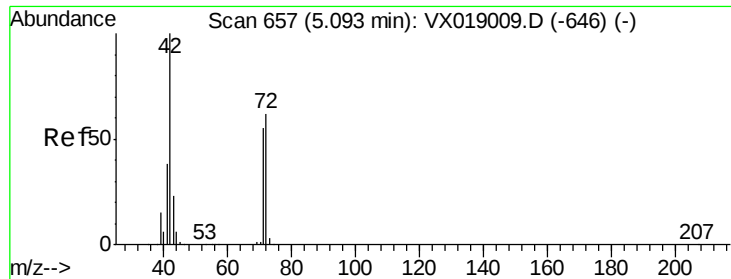
Delta R.T. 0.01 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Tgt Ion:	49	Resp:	89558
Ion Ratio	Lower	Upper	
49	100		
129	2.6	0.0	5.2
130	101.3	79.0	118.6





#29

Tetrahydrofuran

Concen: 239.564 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

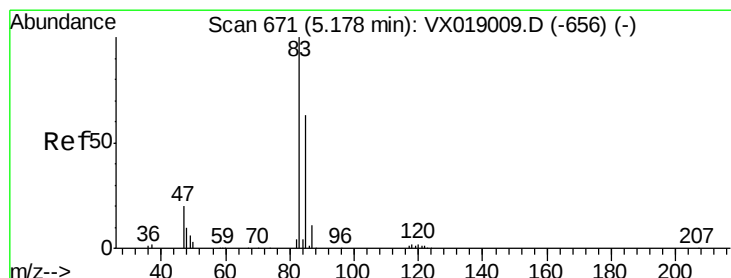
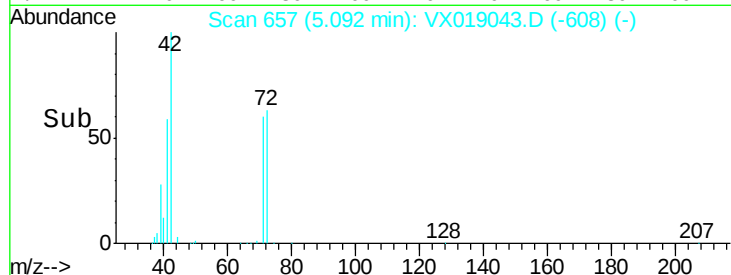
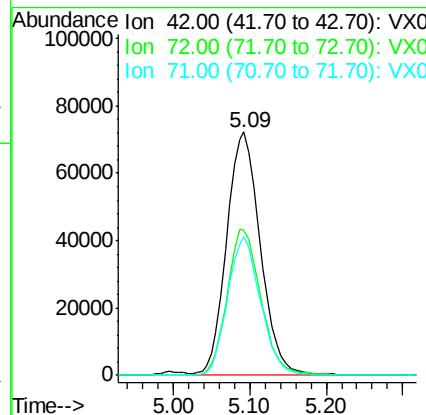
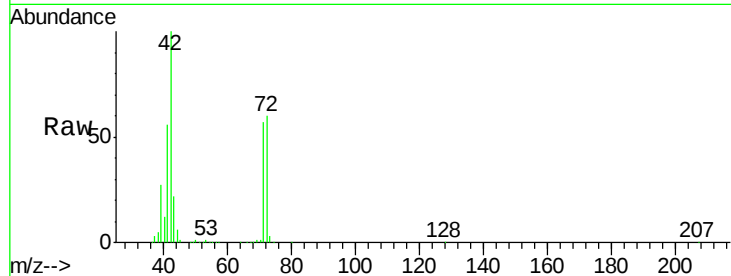
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	219457
Ion Ratio		Lower	Upper
42	100		
72	60.9	49.1	73.7
71	56.3	44.2	66.4

Manual Integrations
APPROVED

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#30

Chloroform

Concen: 50.458 ug/l

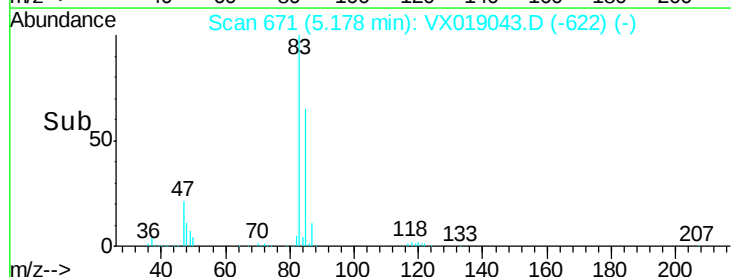
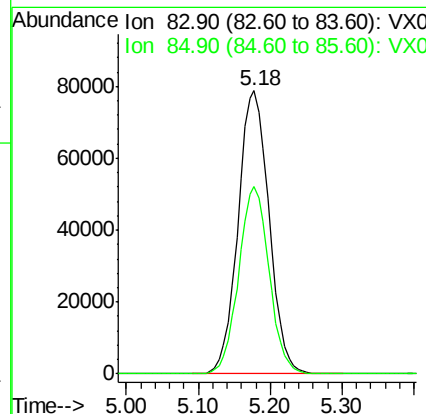
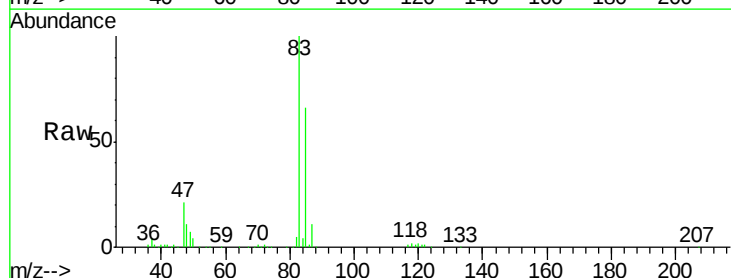
RT: 5.18 min Scan# 671

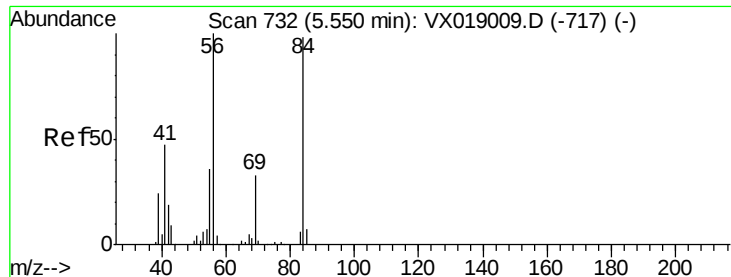
Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Tgt Ion:	83	Resp:	235497
Ion Ratio		Lower	Upper
83	100		
85	66.1	50.5	75.7





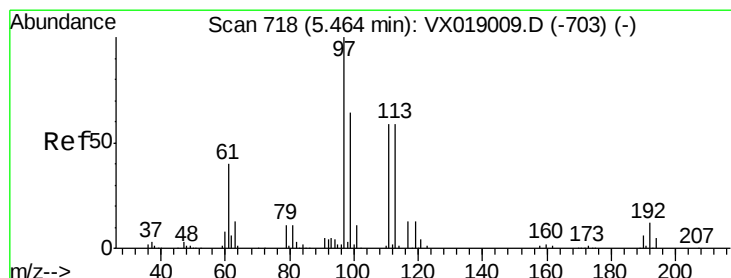
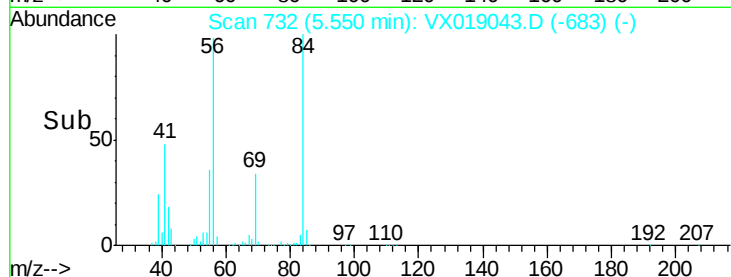
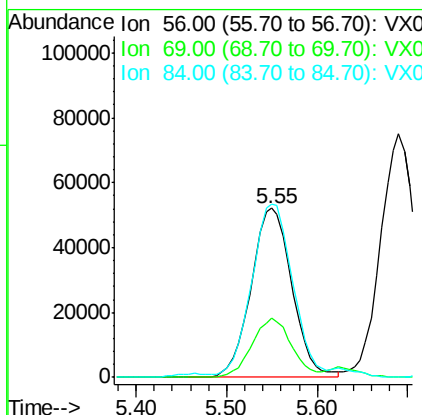
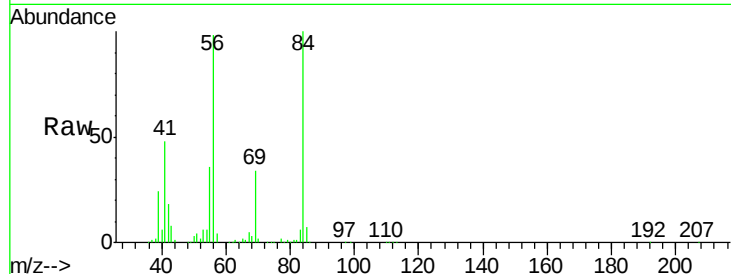
#31
Cvclohexane
Concen: 48.882 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	26.2	39.2
84	100.7	78.3	117.5

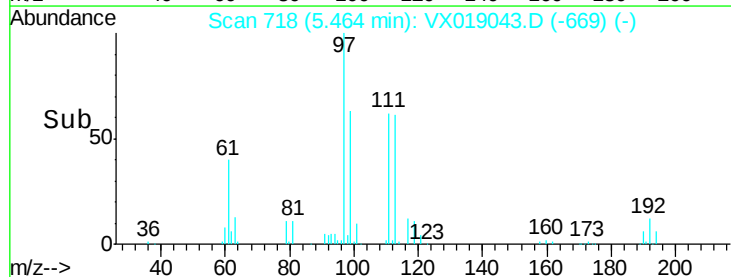
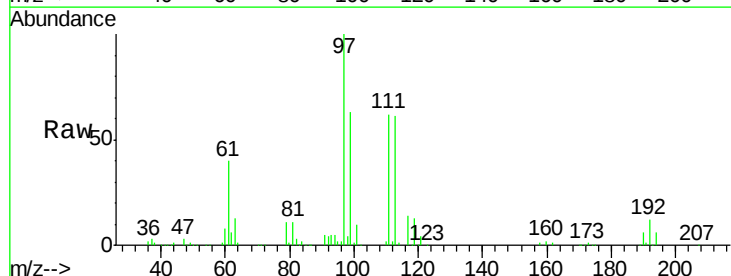
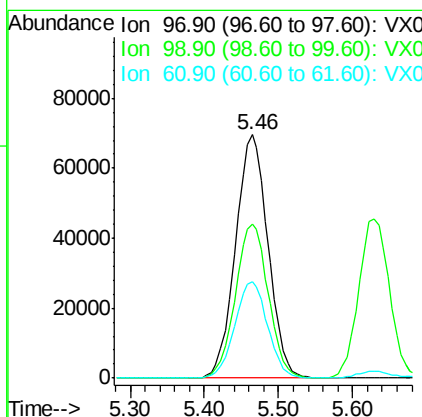
Manual Integrations
APPROVED

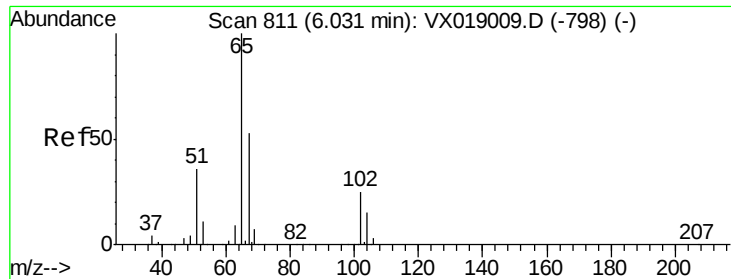
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#32
1,1,1-Trichloroethane
Concen: 50.316 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	40.2	31.9	47.9





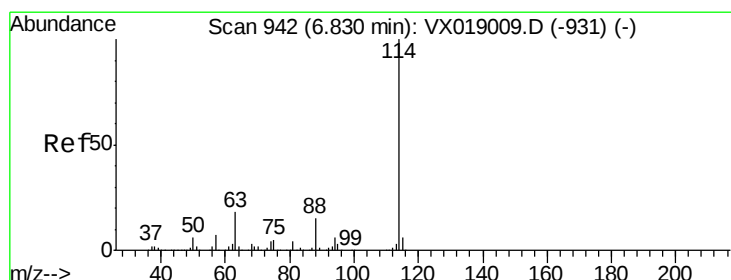
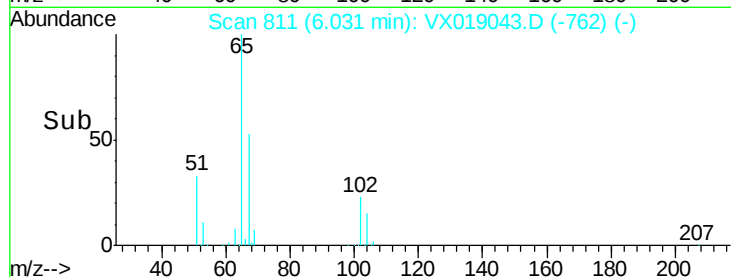
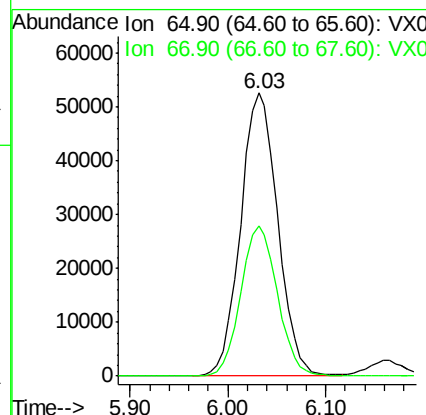
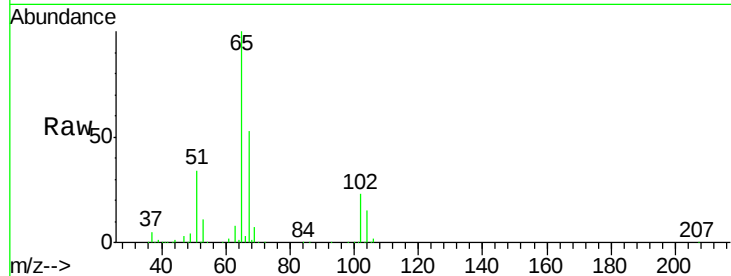
#33
 1,2-Dichloroethane-d4
 Concen: 48.587 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.6	0.0	107.0	

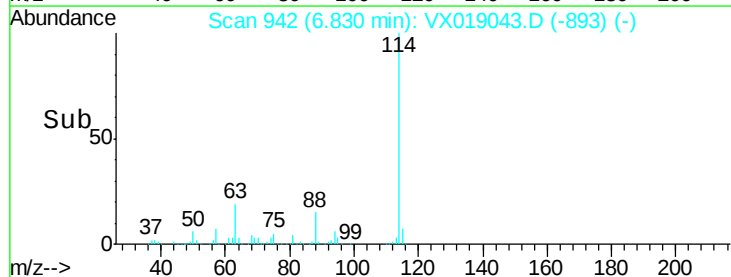
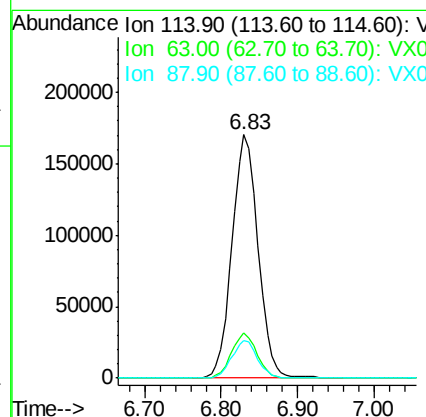
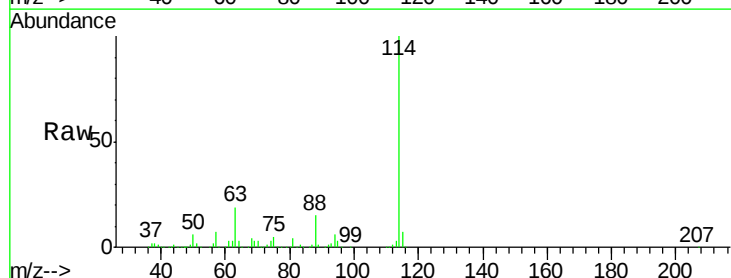
Manual Integrations
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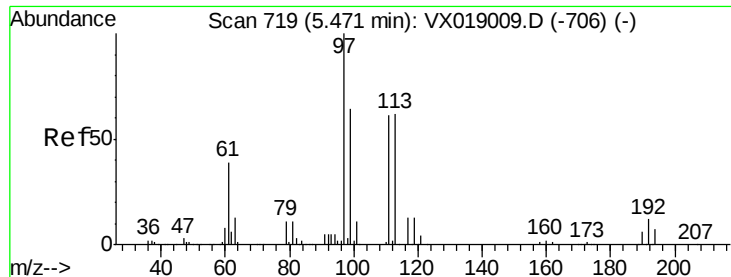
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.6	0.0	36.8	
88	15.4	0.0	30.2	





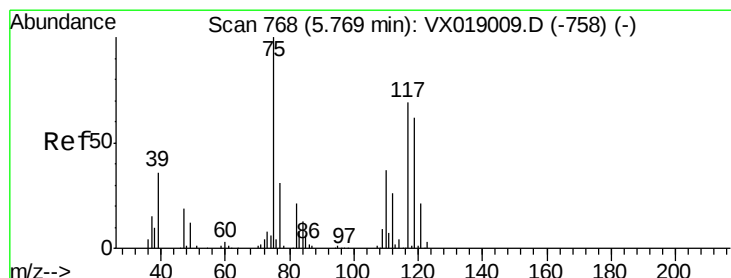
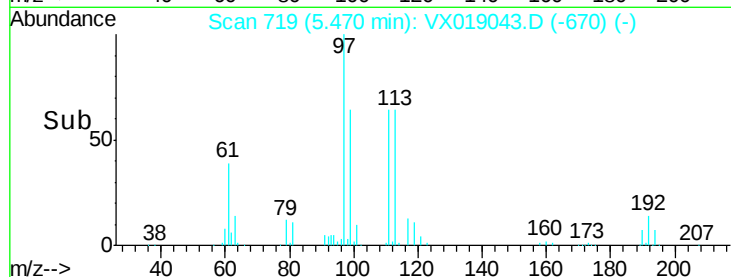
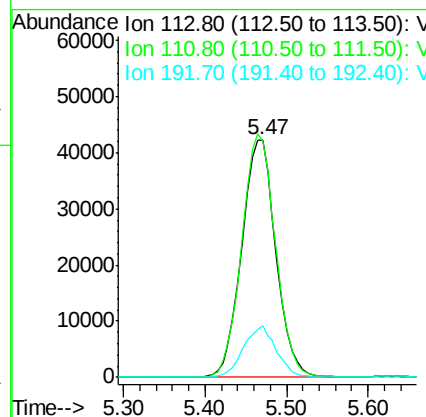
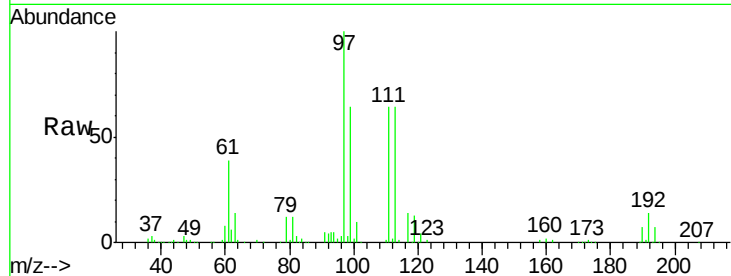
#35
 Dibromofluoromethane
 Concen: 48.306 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122649		
111	101.8	81.5	122.3	
192	20.7	16.3	24.5	

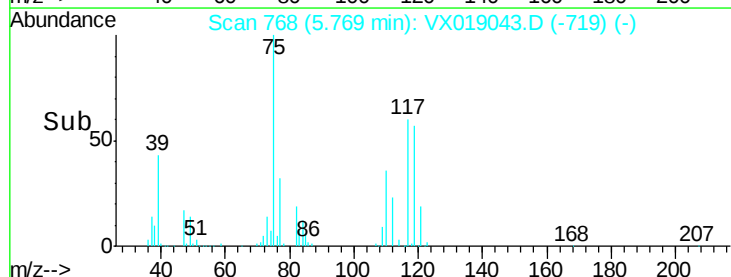
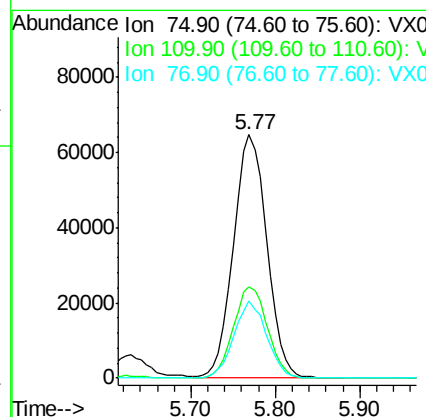
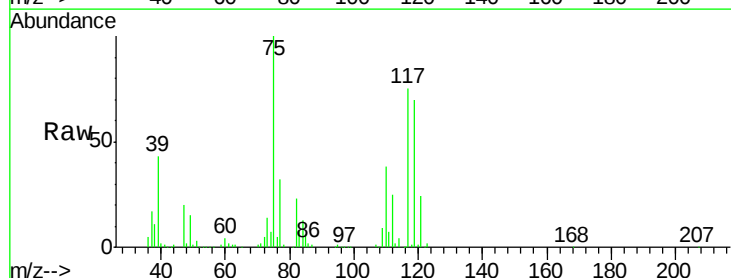
Manual Integrations
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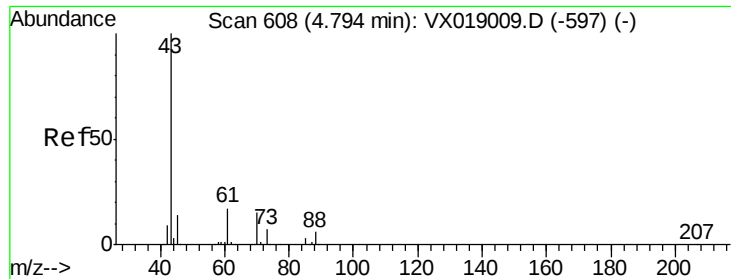
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#36
 1,1-Dichloropropene
 Concen: 48.282 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	173737		
110	38.2	19.4	58.2	
77	31.0	25.2	37.8	





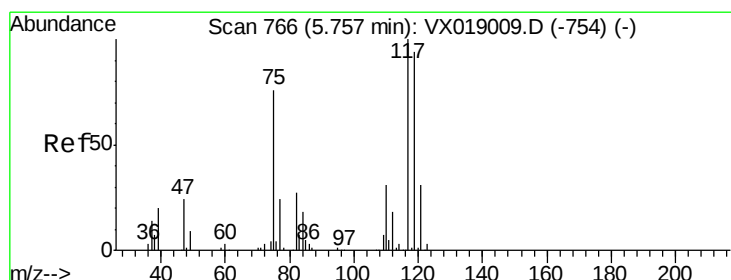
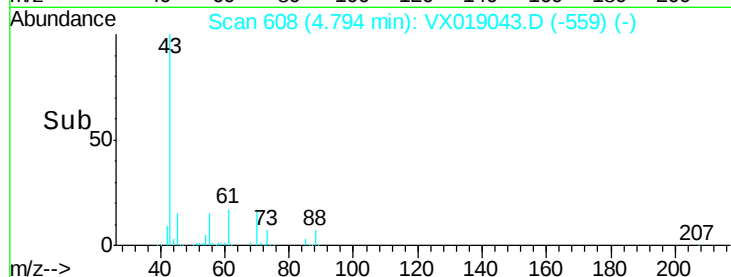
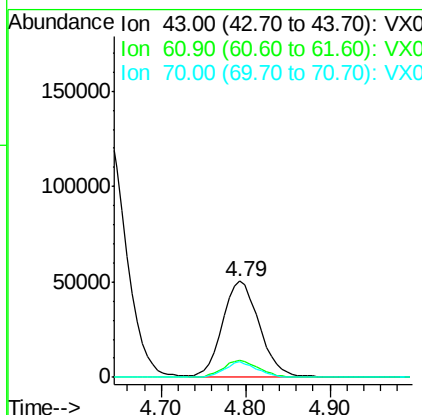
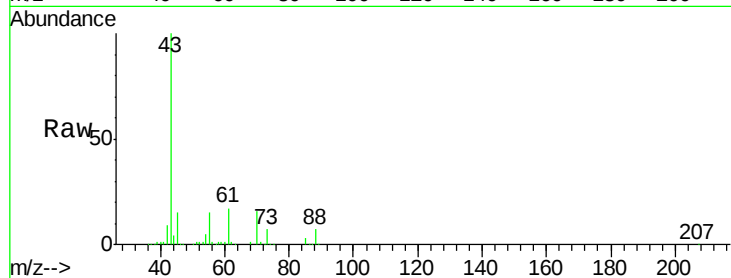
#37
Ethyl Acetate
Concen: 48.706 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.2	13.8	20.8
70	14.2	11.4	17.2

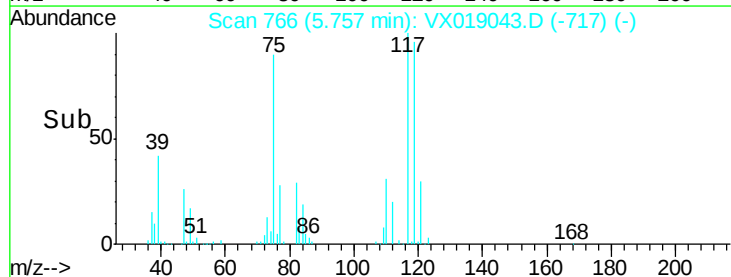
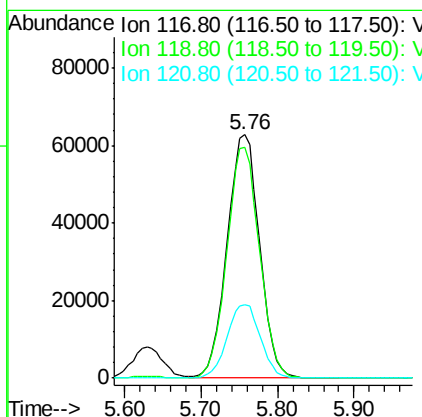
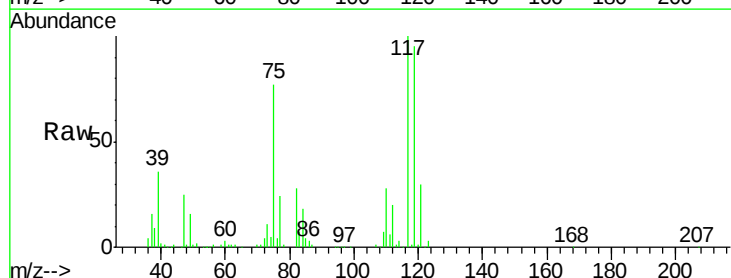
Manual Integrations
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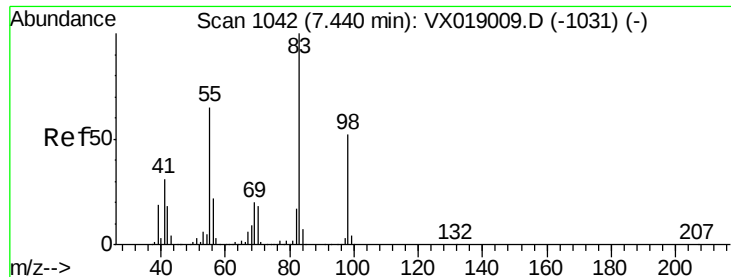
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#38
Carbon Tetrachloride
Concen: 48.825 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.4	113.0
121	30.3	25.0	37.6





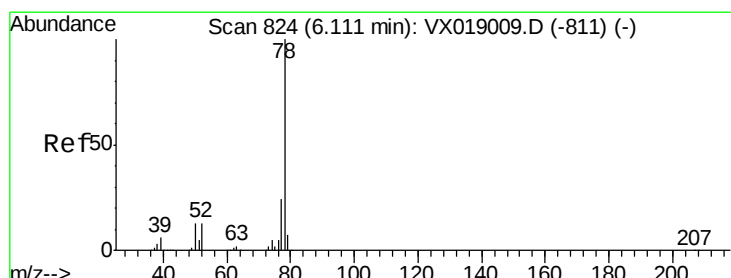
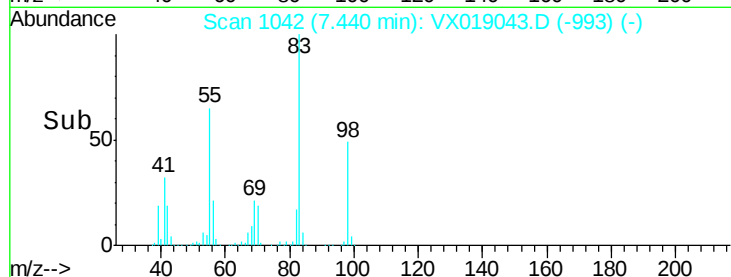
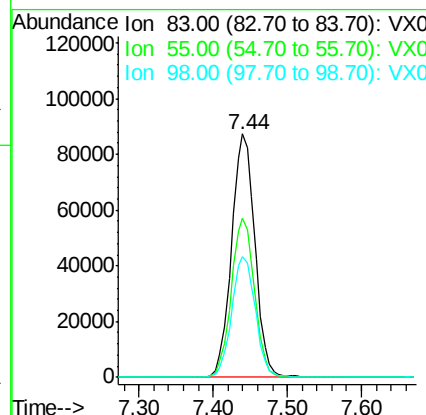
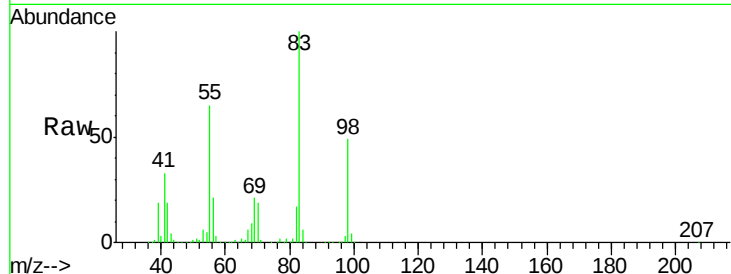
#39
Methvlcvclohexane
Concen: 47.679 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	192212		
55	65.2		51.8	77.6
98	49.4		41.4	62.2

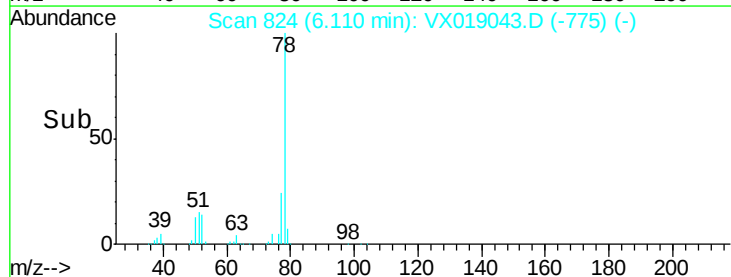
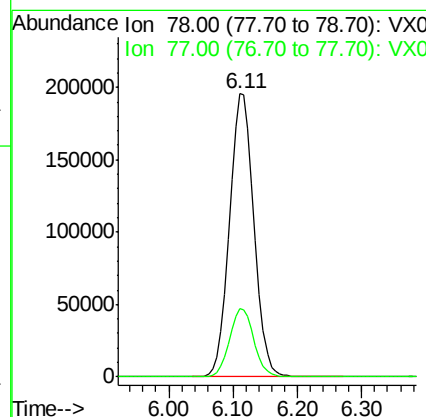
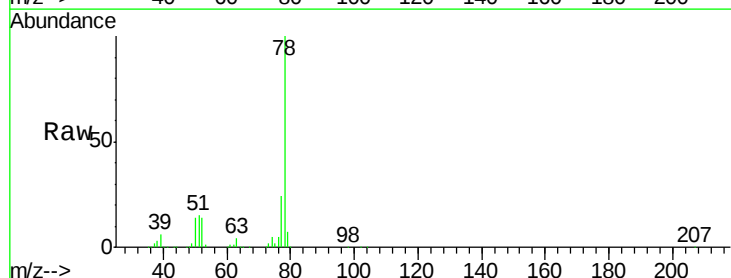
Manual Integrations
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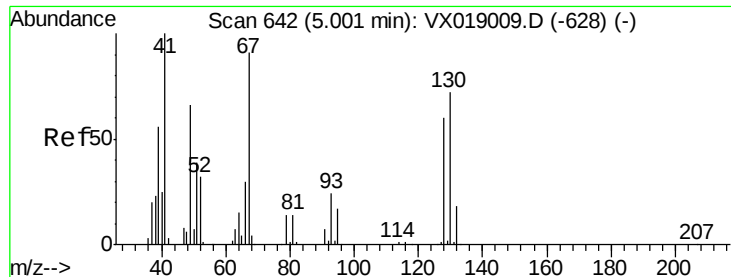
MMDadoda
10/23/2020 1:20:01 PM



#40
Benzene
Concen: 49.324 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	522711		
77	24.3		19.3	28.9





#41

Methacrylonitrile

Concen: 47.458 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 78295

Ion Ratio Lower Upper

41 100

39 55.8 44.6 67.0

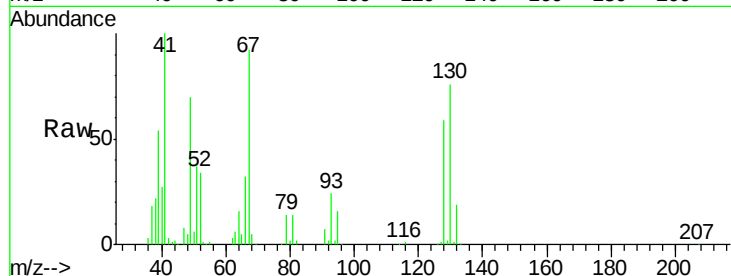
67 96.7 76.1 114.1

52 35.5 28.3 42.5

Manual Integrations
APPROVED

MMDadoda

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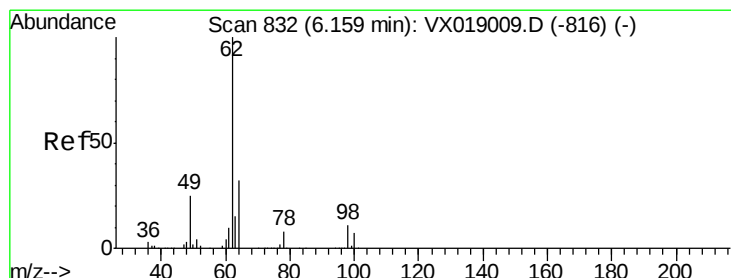
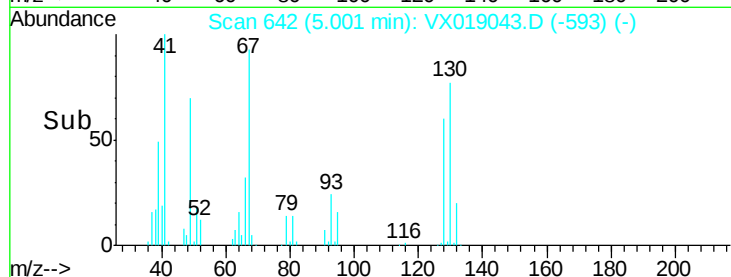
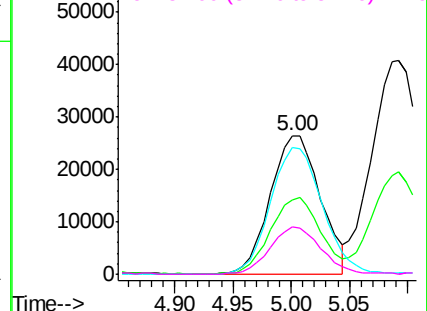
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.895 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019043.D

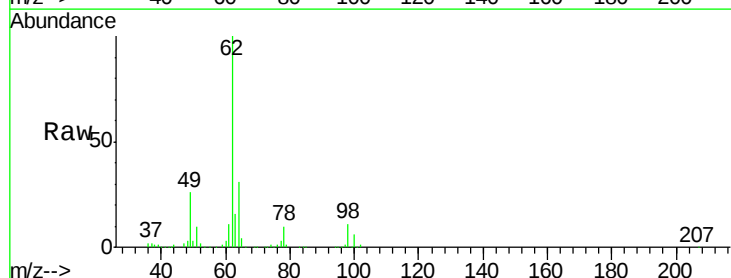
Acq: 22 Oct 2020 21:58

Tgt Ion: 62 Resp: 180453

Ion Ratio Lower Upper

62 100

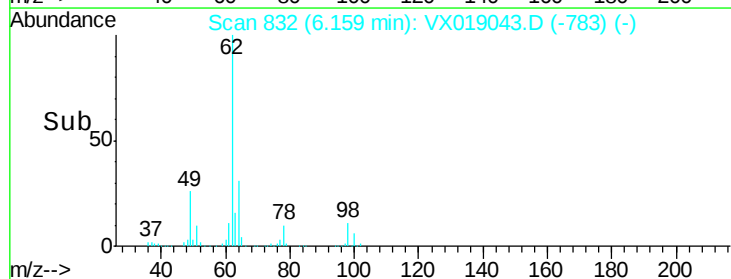
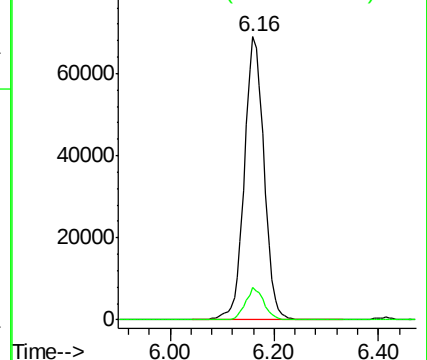
98 10.6 0.0 20.8

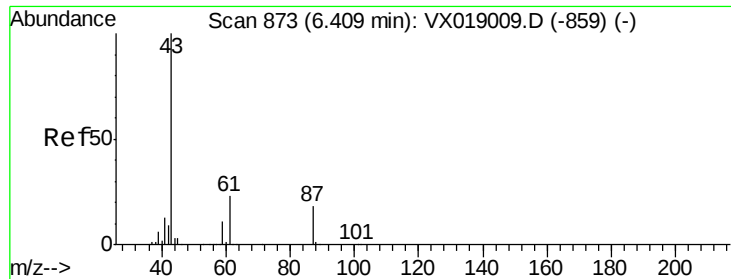


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

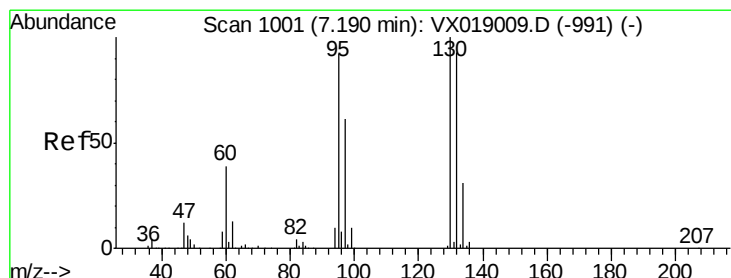
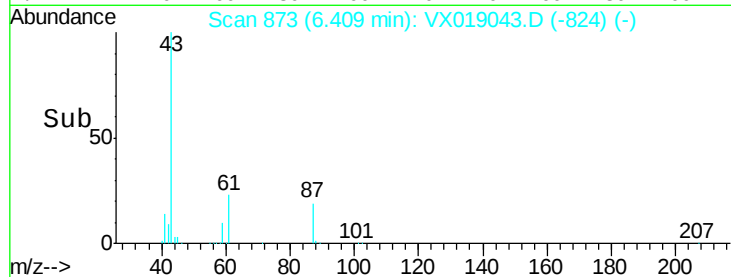
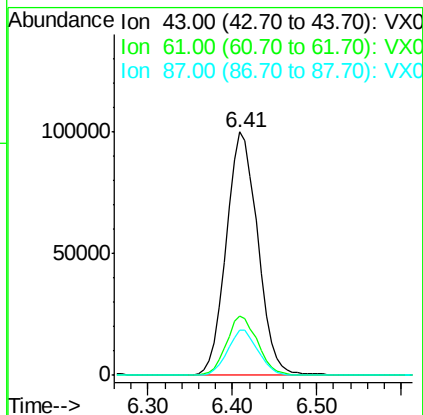
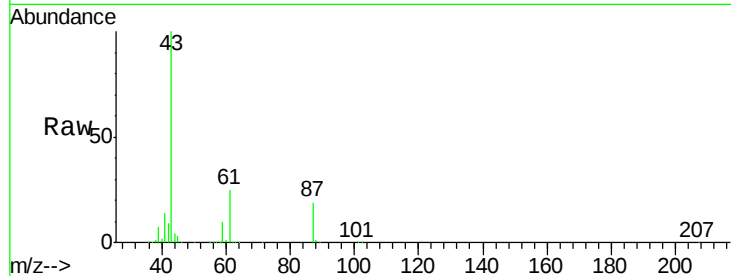
Isopropyl Acetate
 Concen: 48.558 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.1	18.7	28.1
87	18.1	14.2	21.4

Manual Integrations
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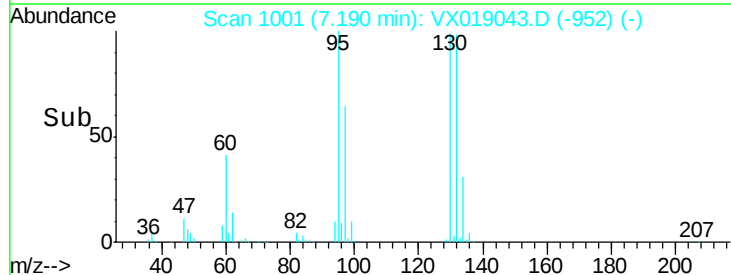
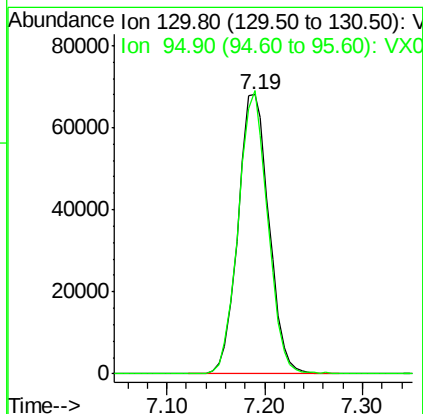
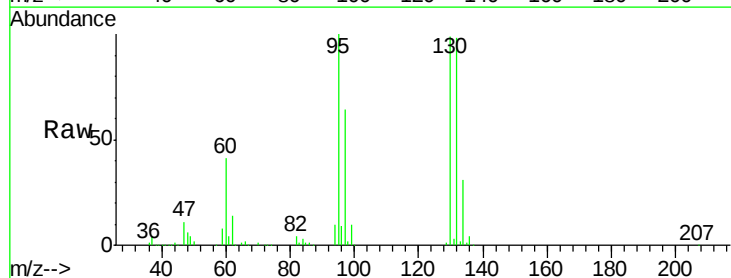
MMDadoda
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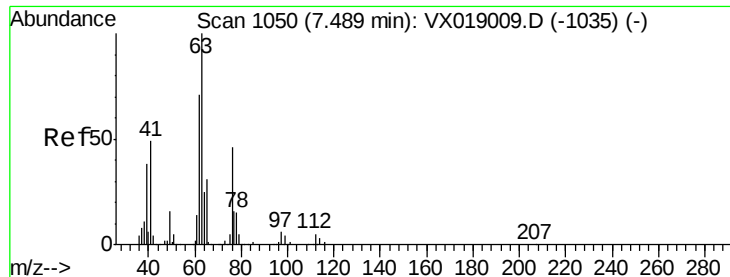


#44

Trichloroethene
 Concen: 48.224 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	184.2





#45

1,2-Dichloropropane

Concen: 49.297 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 125314

Ion Ratio Lower Upper

63 100

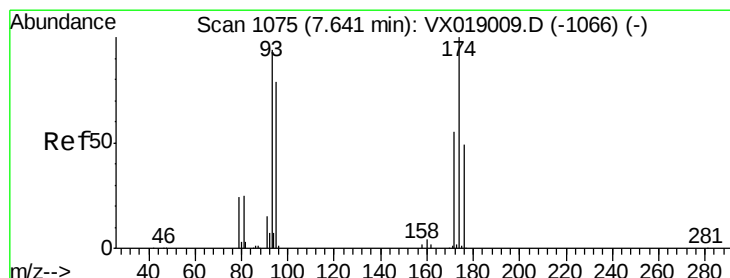
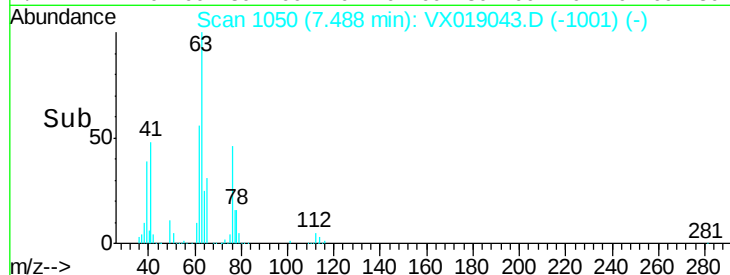
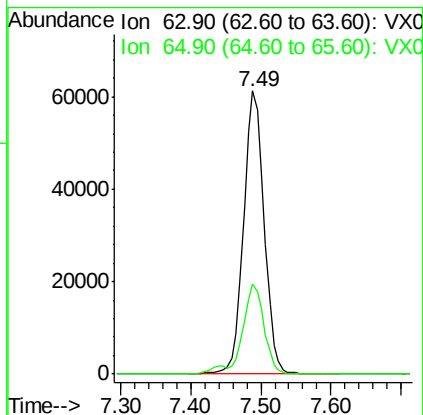
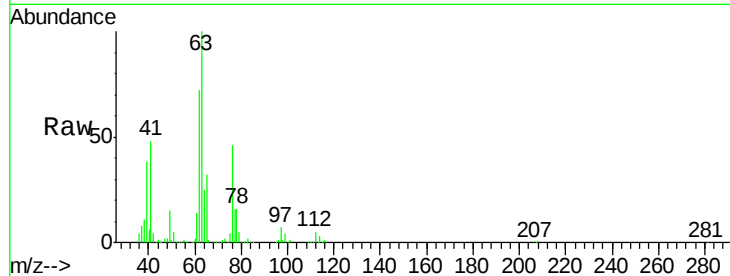
65 32.0 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 49.282 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

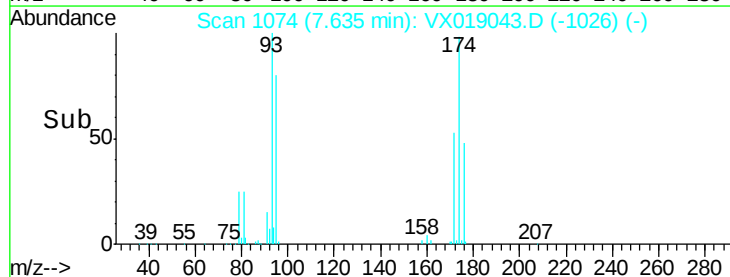
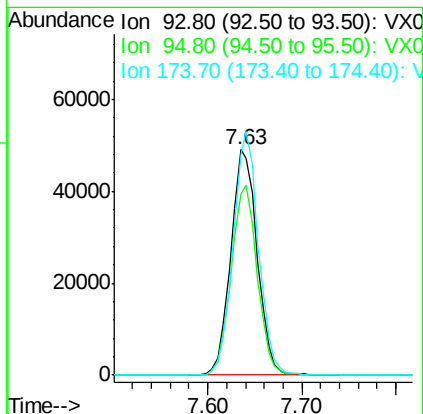
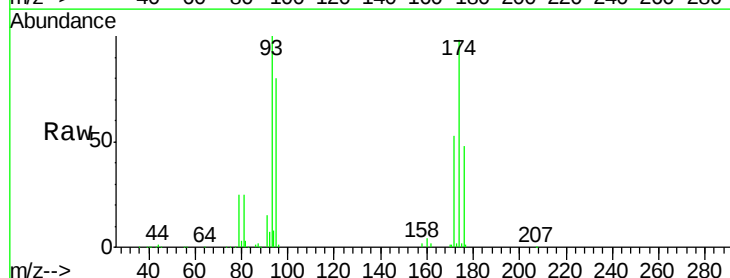
Tgt Ion: 93 Resp: 95417

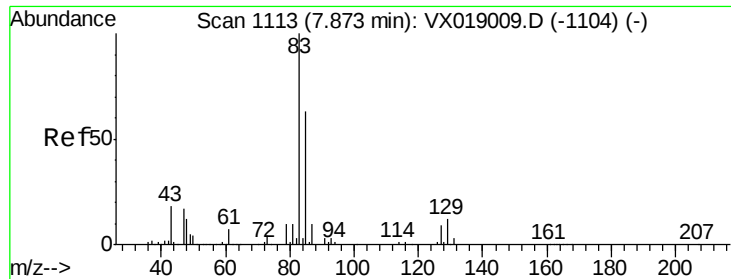
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 103.8 83.8 125.8





#47

Bromodichloromethane

Concen: 49.827 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

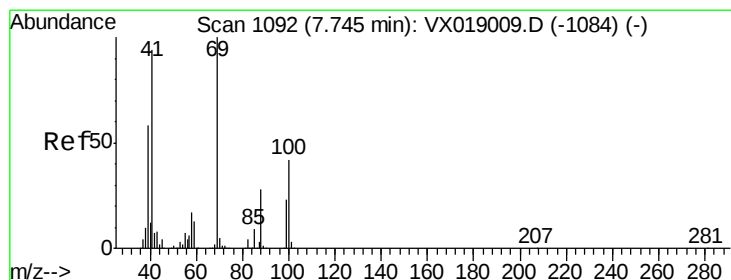
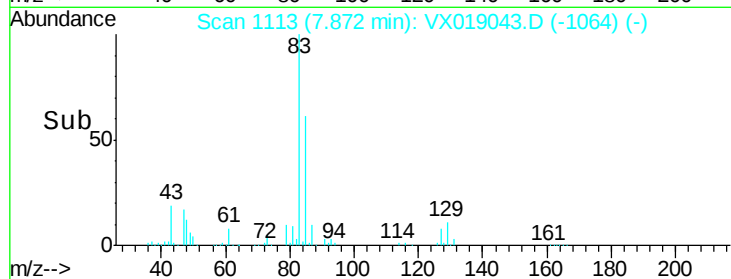
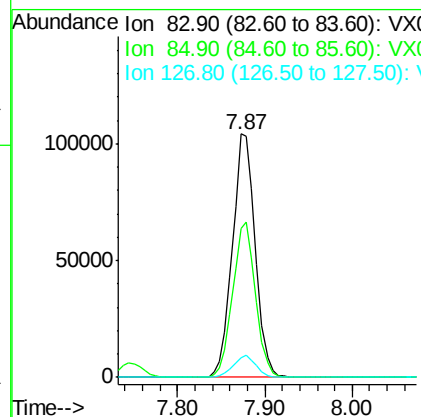
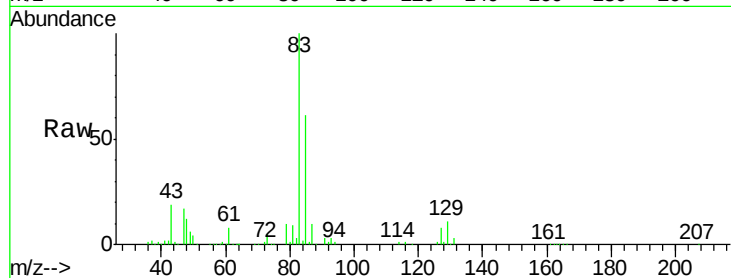
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	189151
Ion Ratio	Lower	Upper	
83	100		
85	61.3	50.7	76.1
127	8.3	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.404 ug/l

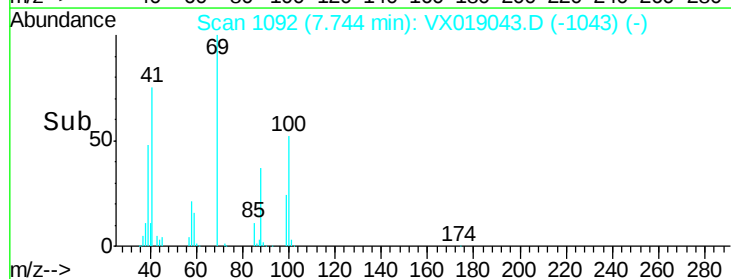
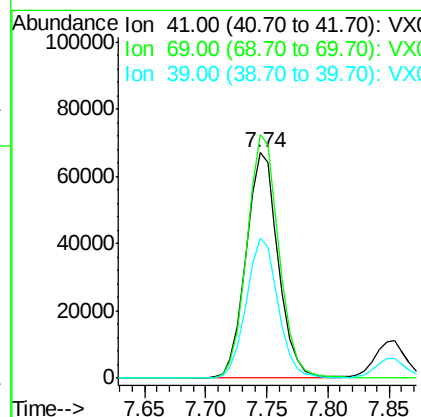
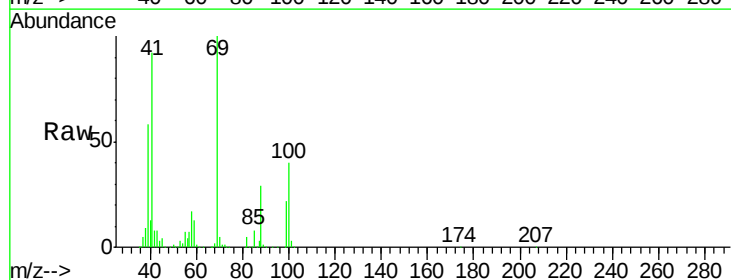
RT: 7.74 min Scan# 1092

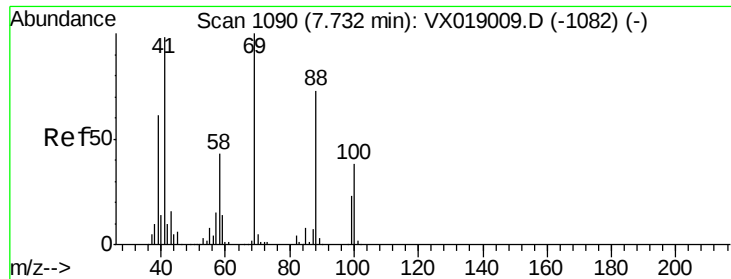
Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Tgt Ion:	41	Resp:	121493
Ion Ratio	Lower	Upper	
41	100		
69	108.0	85.5	128.3
39	62.1	49.3	73.9





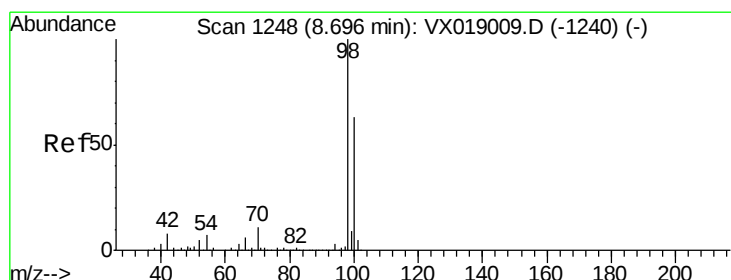
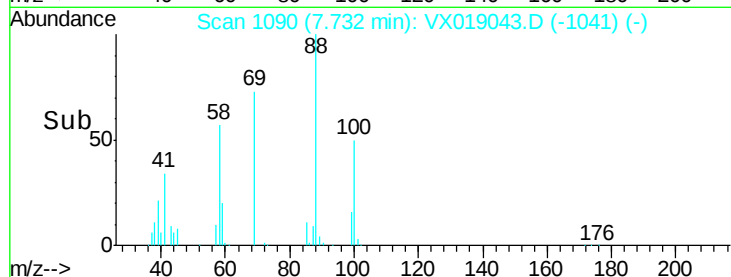
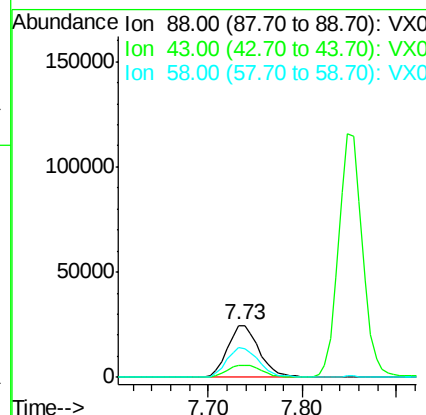
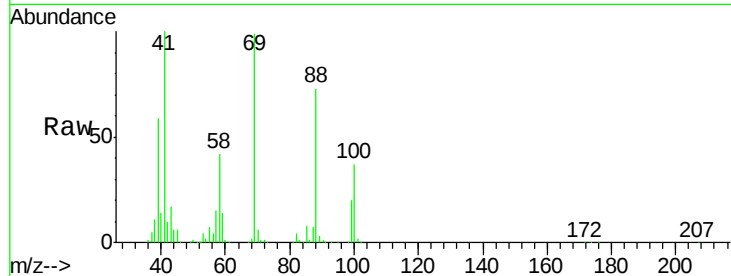
#49
1,4-Dioxane
Concen: 989.583 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.0	20.3	30.5
58	58.4	48.4	72.6

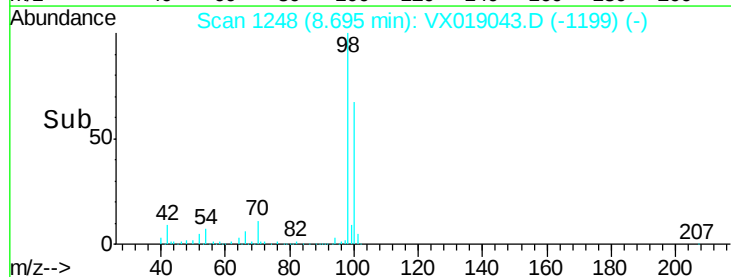
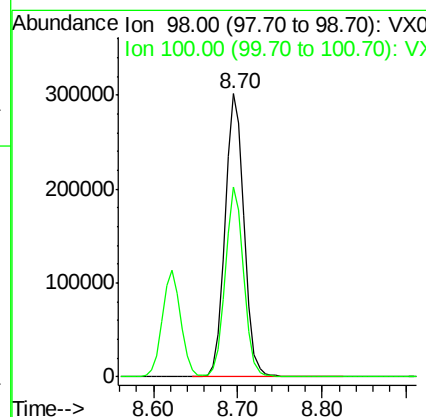
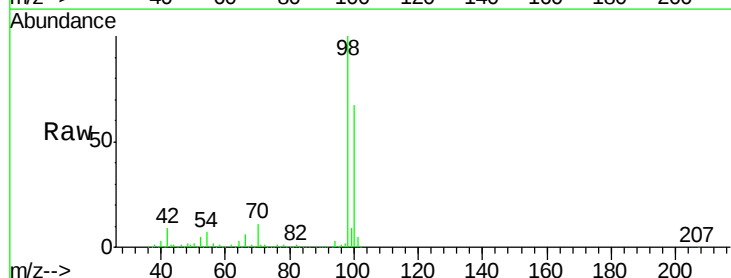
Manual Integrations
APPROVED

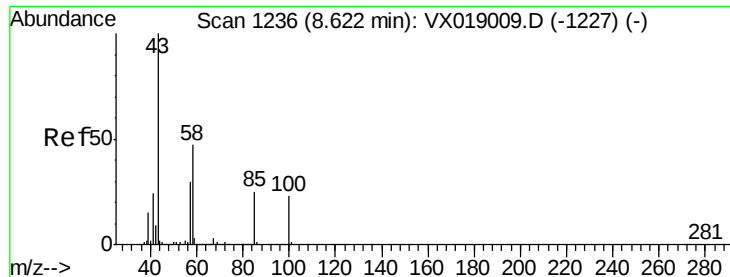
MMDadoda
10/23/2020 1:20:01 PM



#50
Toluene-d8
Concen: 48.424 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 249.944 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 766078

Ion Ratio Lower Upper

43 100

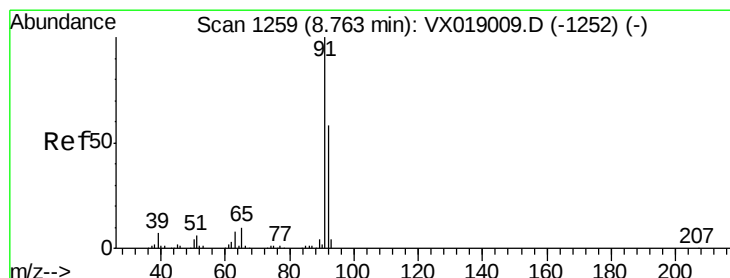
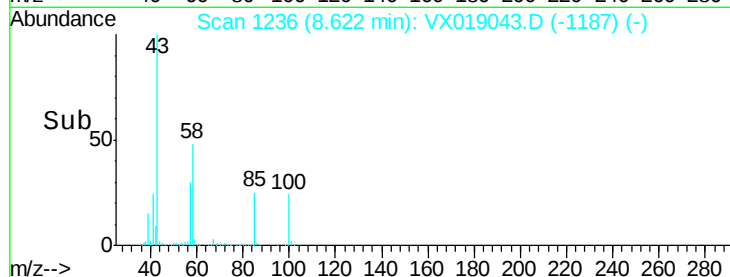
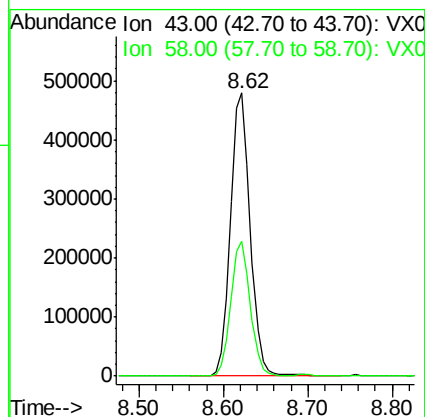
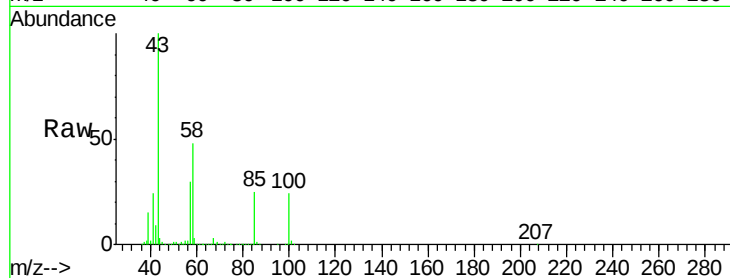
58 47.1 37.4 56.0

Manual Integrations

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#52

Toluene

Concen: 49.460 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019043.D

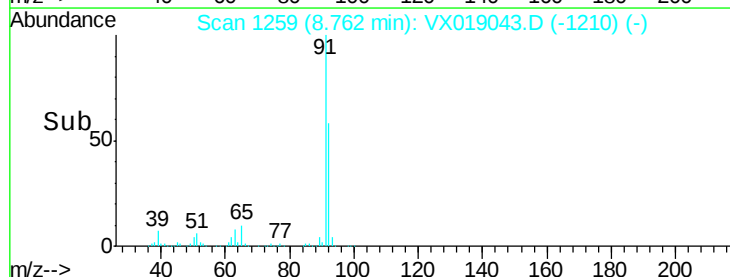
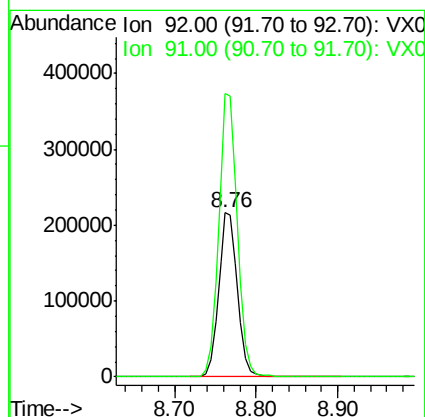
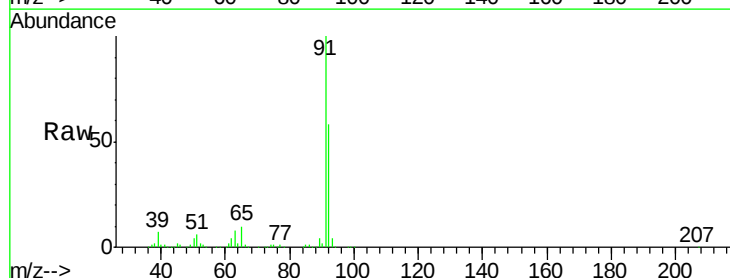
Acq: 22 Oct 2020 21:58

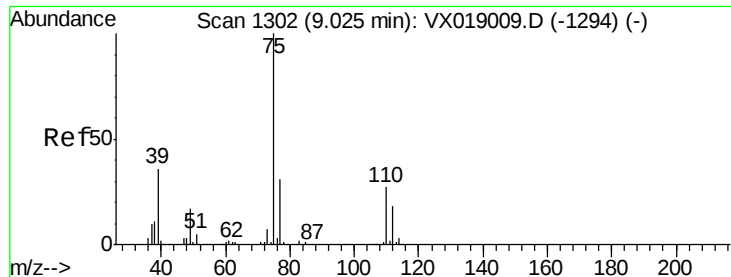
Tgt Ion: 92 Resp: 346200

Ion Ratio Lower Upper

92 100

91 172.7 138.6 208.0





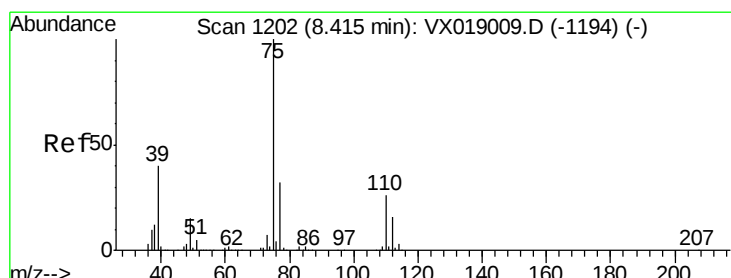
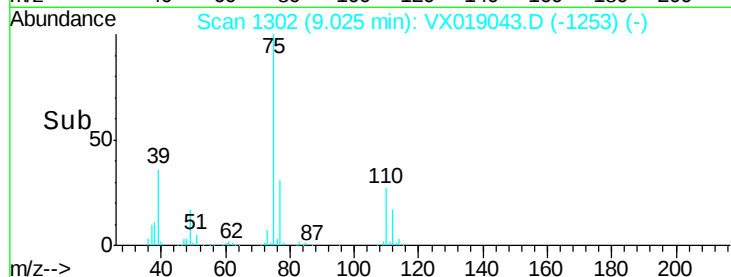
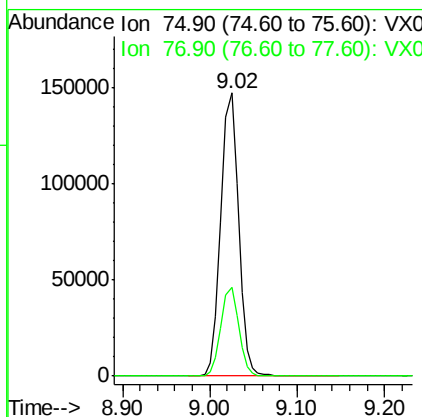
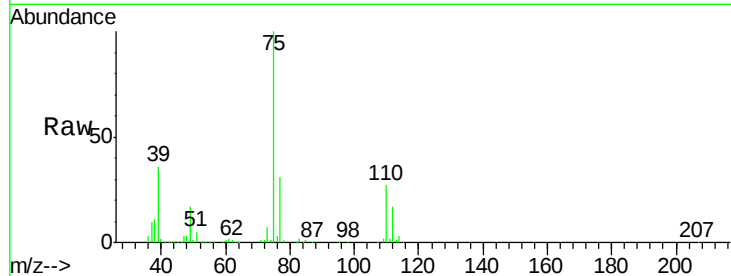
#53
 t-1,3-Dichloropropene
 Concen: 48.550 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 208127
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7

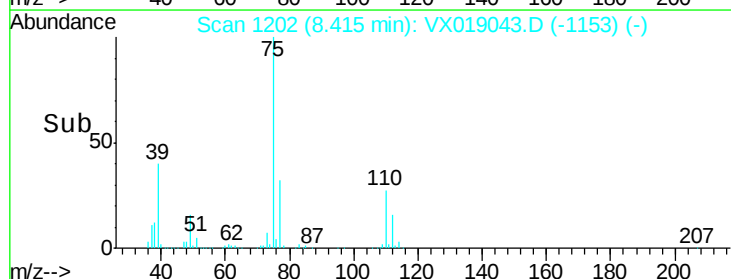
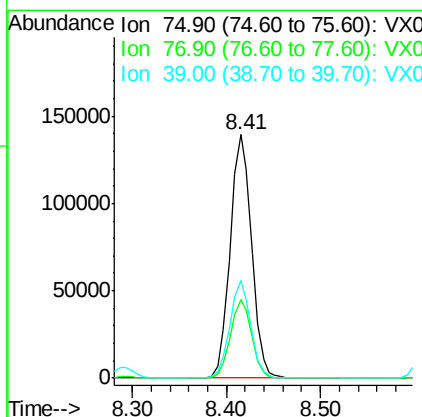
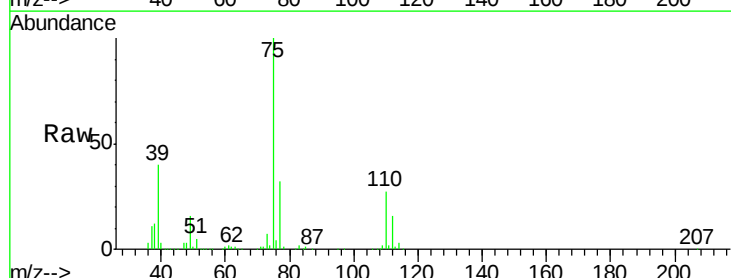
Manual Integrations
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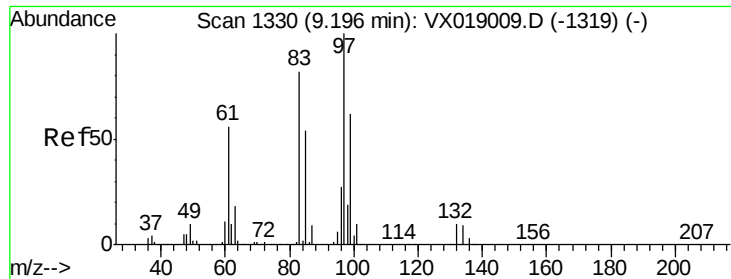
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 48.400 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion: 75 Resp: 219103
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.9 38.9
 39 40.3 31.7 47.5





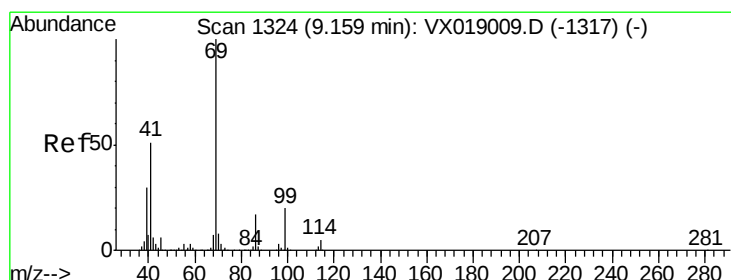
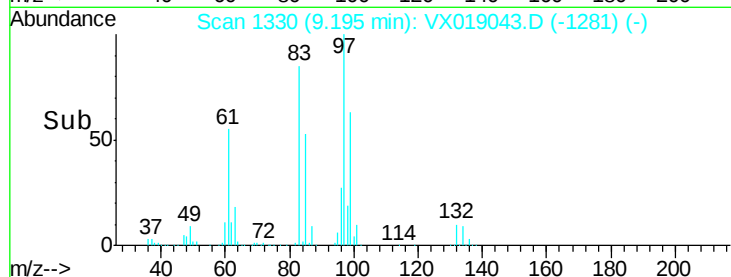
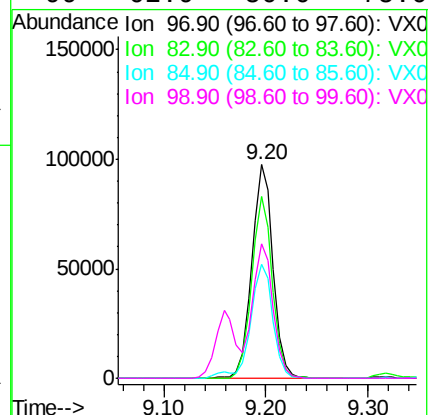
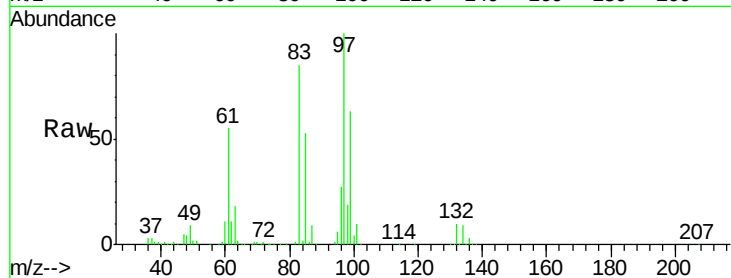
#55
 1,1,2-Trichloroethane
 Concen: 49.481 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		141192		
83	85.2	65.4	98.2		
85	53.4	43.3	64.9		
99	62.9	50.0	75.0		

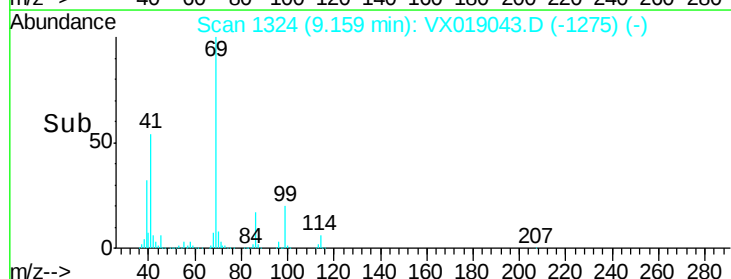
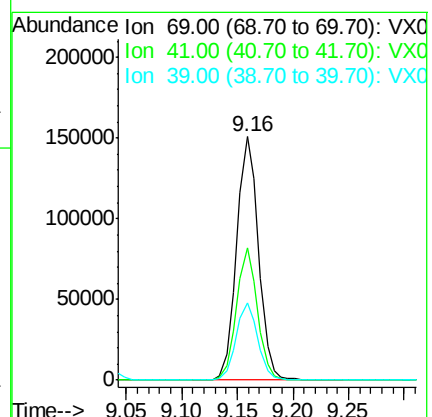
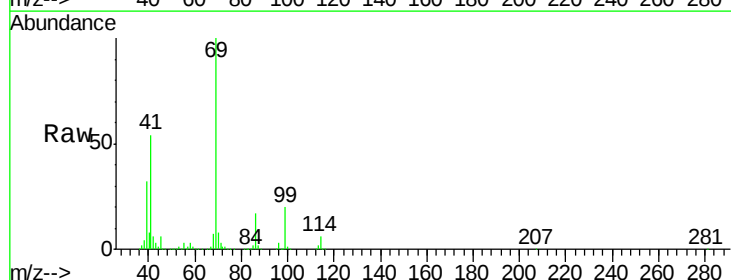
Manual Integrations
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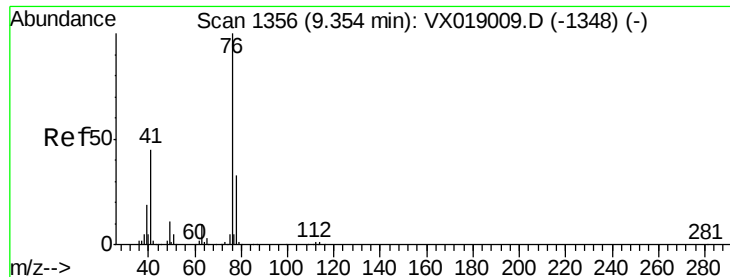
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#56
 Ethyl methacrylate
 Concen: 49.935 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		204995		
41	52.3	41.1	61.7		
39	31.6	24.6	37.0		





#57

1,3-Dichloropropane

Concen: 50.163 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 227196

Ion Ratio Lower Upper

76 100

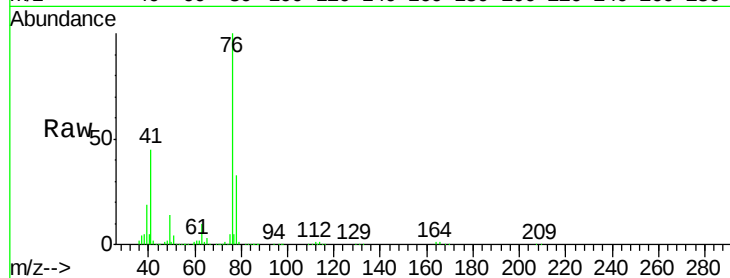
78 32.8 26.2 39.4

Manual Integrations

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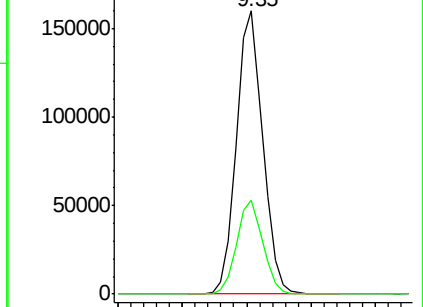
MMDadoda

10/23/2020 1:20:01 PM

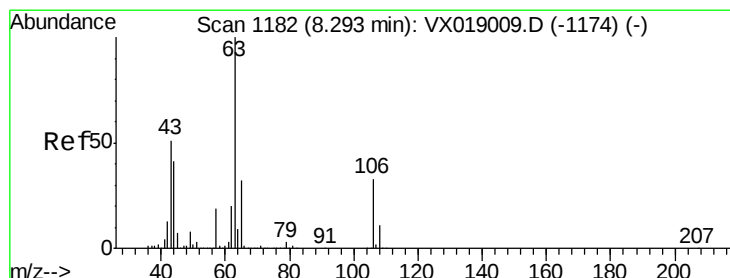
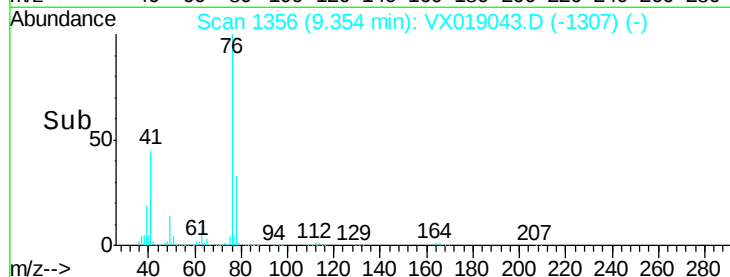


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 244.762 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019043.D

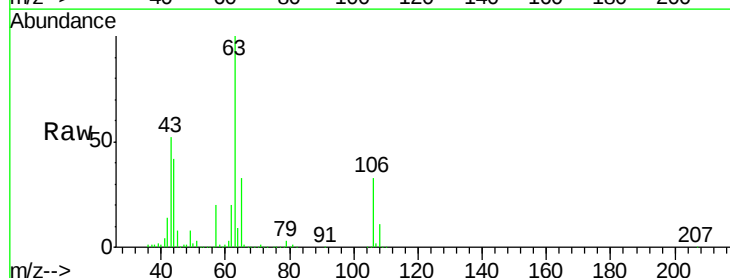
Acq: 22 Oct 2020 21:58

Tgt Ion: 63 Resp: 527834

Ion Ratio Lower Upper

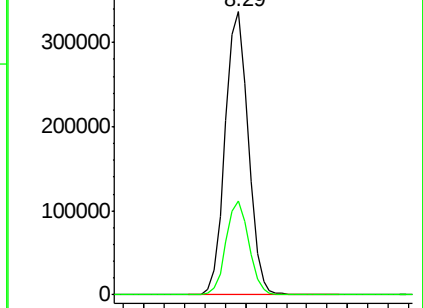
63 100

106 32.9 26.0 39.0

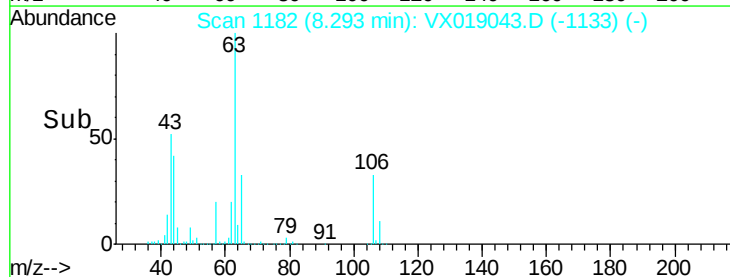


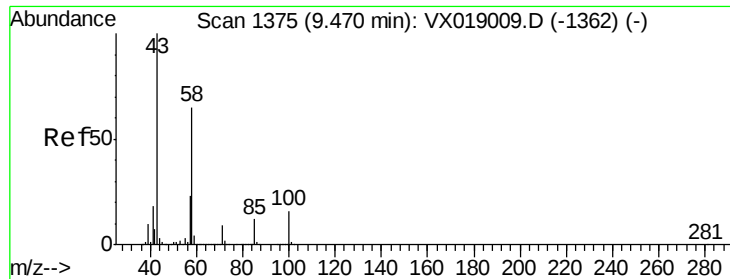
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time--> 8.20 8.30 8.40





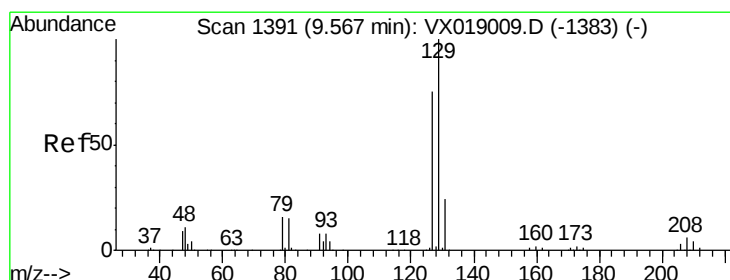
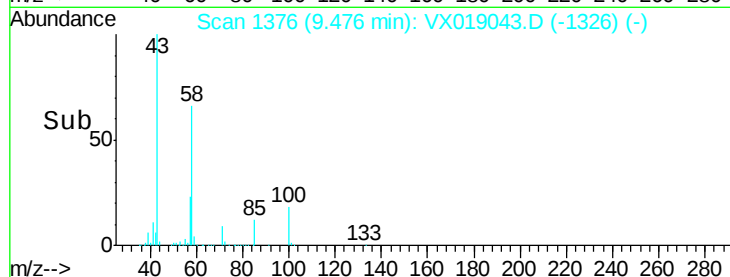
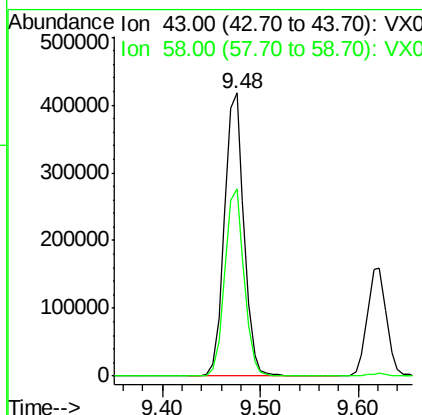
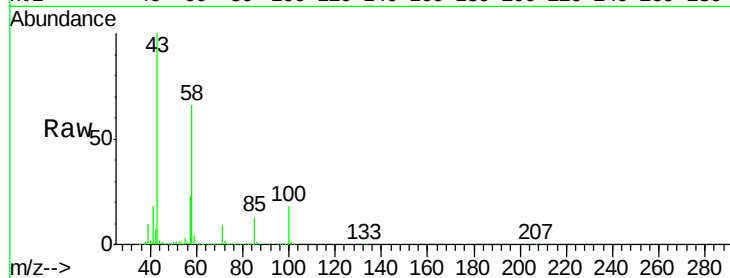
#59
2-Hexanone
Concen: 251.956 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.7	32.8	98.4

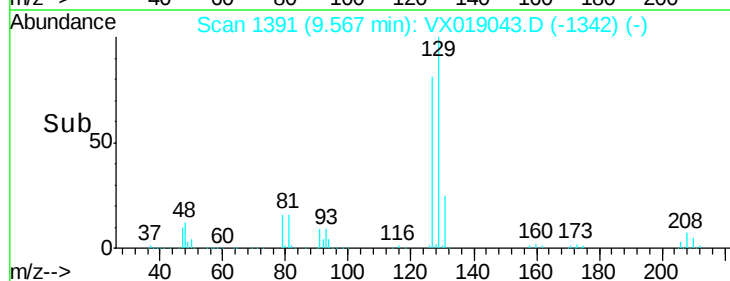
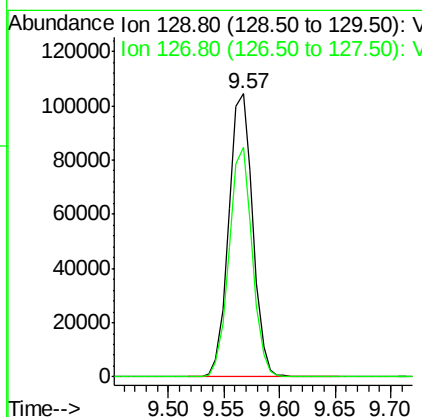
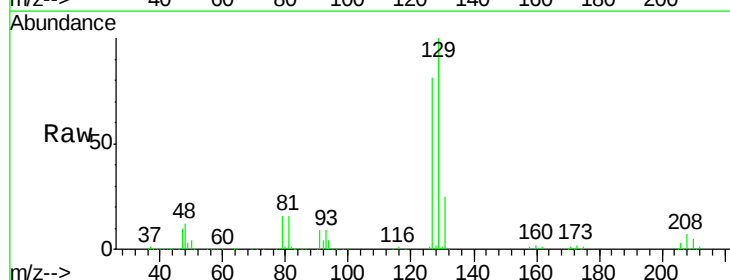
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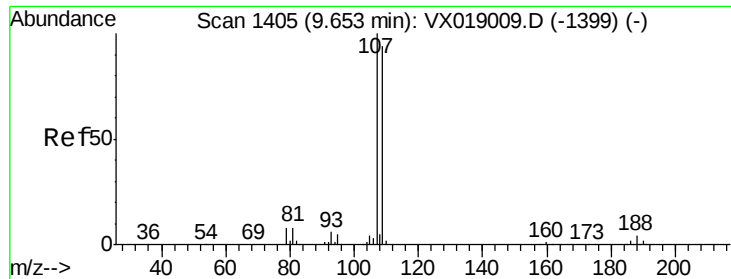
MMDadoda
10/23/2020 1:20:01 PM



#60
Dibromochloromethane
Concen: 49.975 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.6	115.7





#61

1,2-Dibromoethane

Concen: 49.872 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 152259

Ion Ratio Lower Upper

107 100

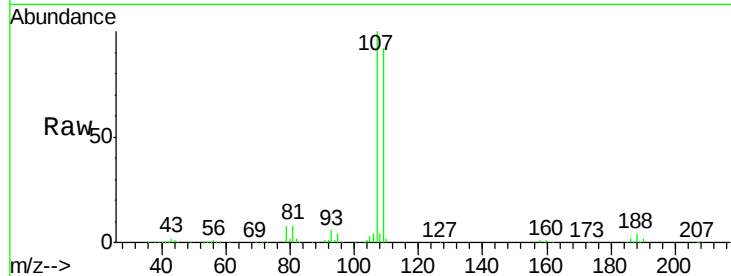
109 93.1 75.0 112.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

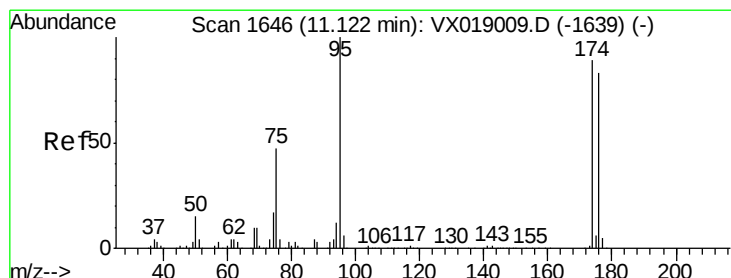
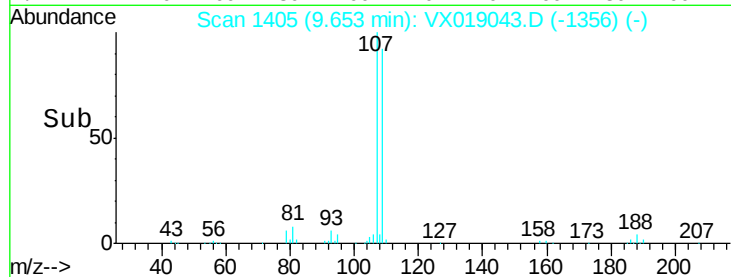
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.419 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

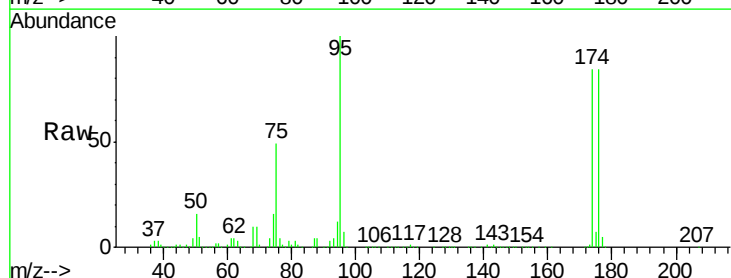
Tgt Ion: 95 Resp: 170315

Ion Ratio Lower Upper

95 100

174 81.8 0.0 167.6

176 81.9 0.0 165.2



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

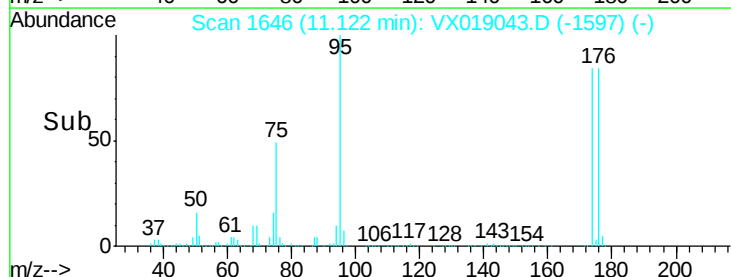
150000

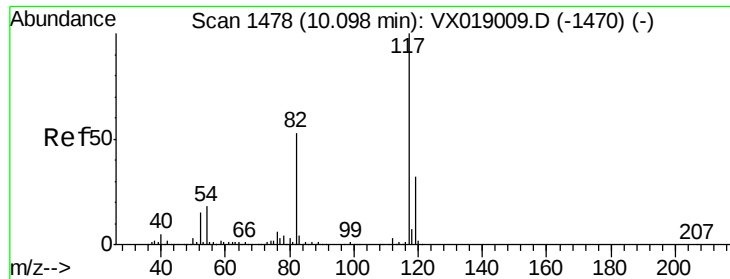
100000

50000

0

Time-->





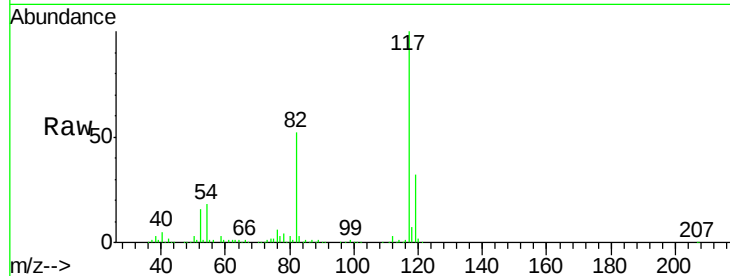
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

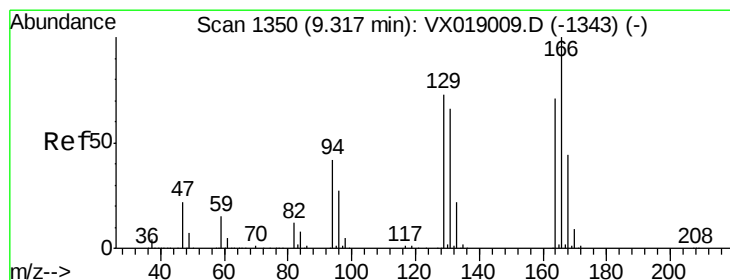
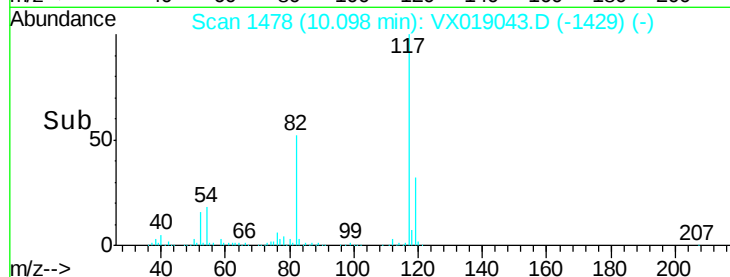
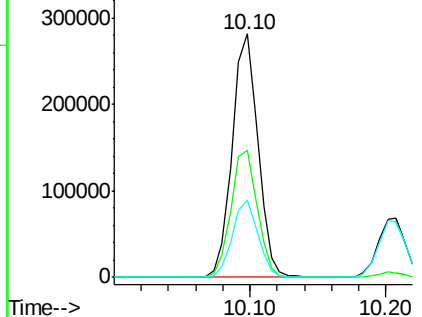
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.4	63.6
119	31.9	25.6	38.4

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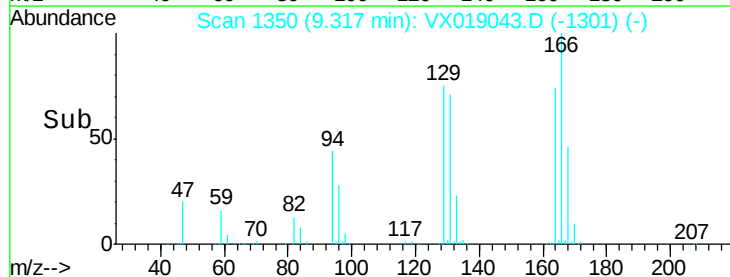
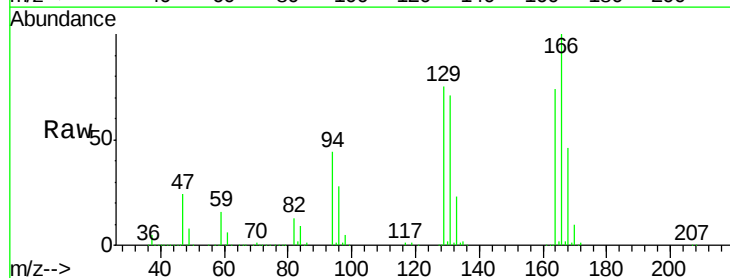
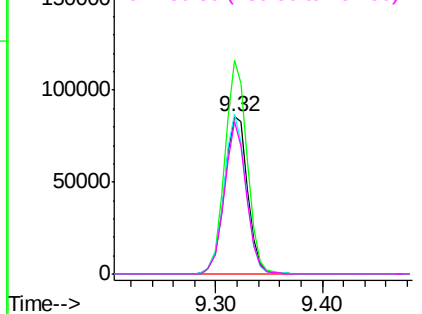
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

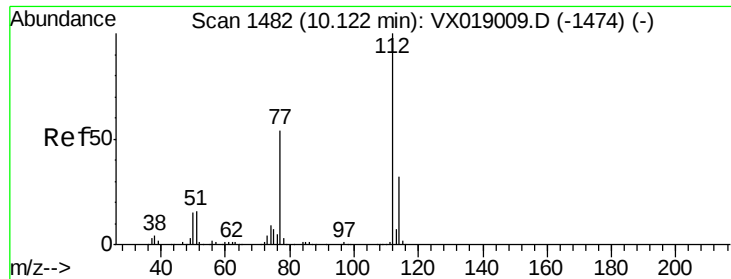


#64
Tetrachloroethene
Concen: 46.186 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.0	112.2	168.4
129	101.7	81.8	122.8
131	96.7	74.6	112.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





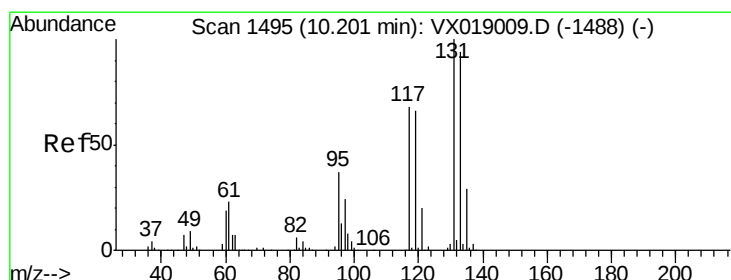
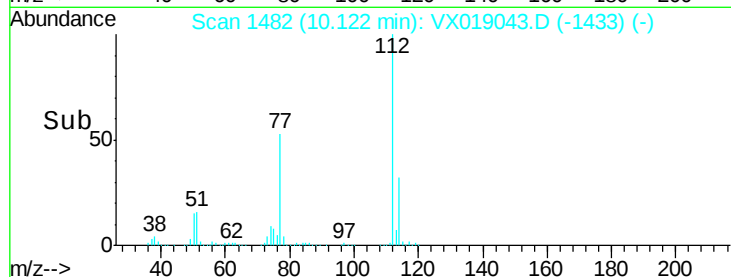
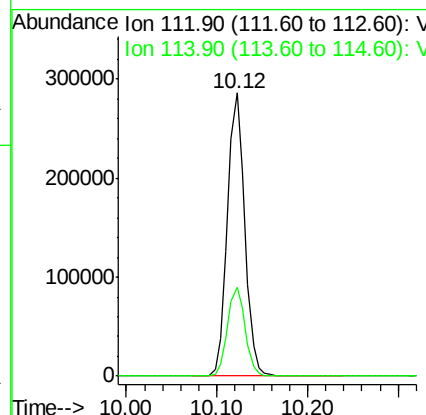
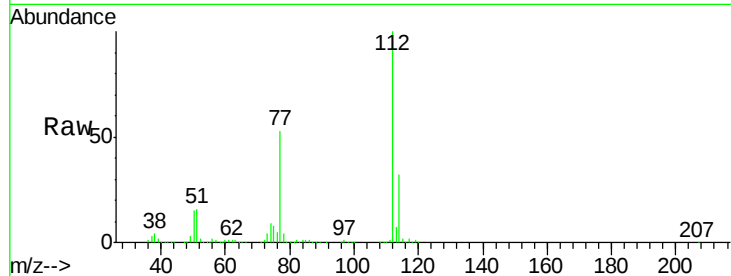
#65
Chlorobenzene
Concen: 49.025 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.5	38.3

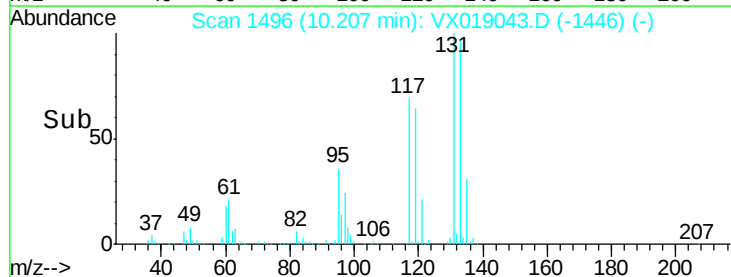
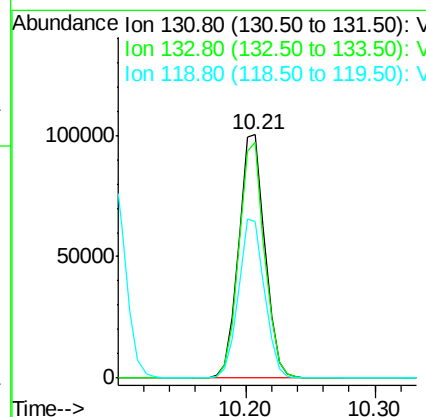
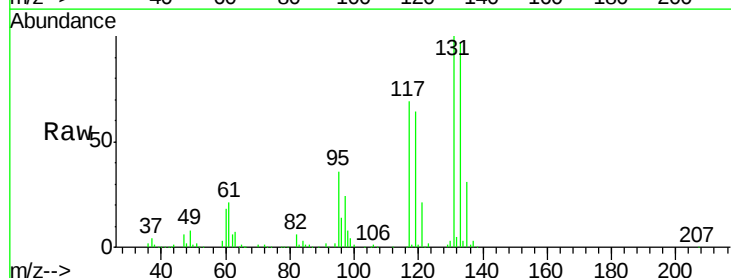
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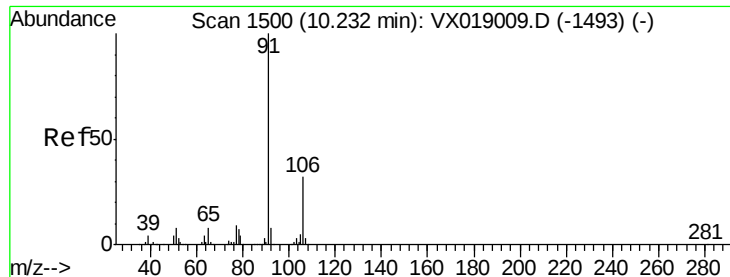
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.205 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.0	141.2
119	65.1	32.9	98.7





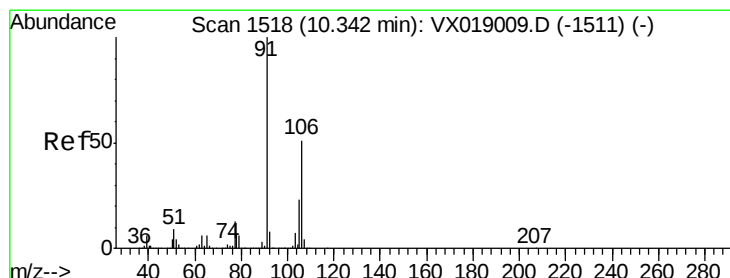
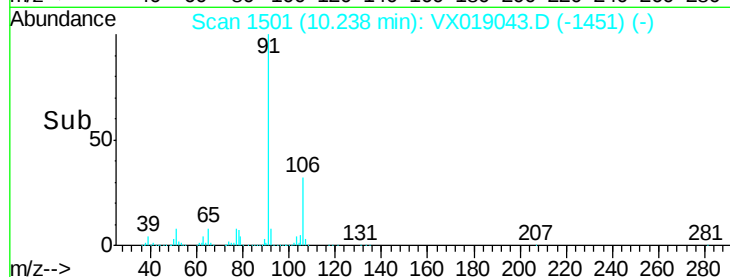
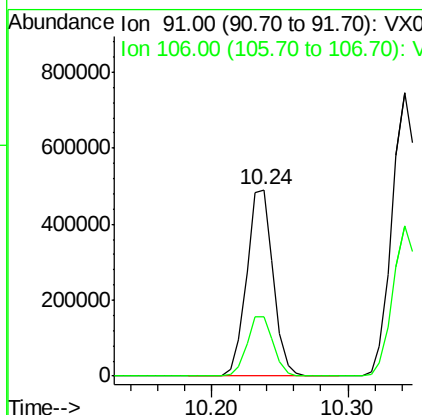
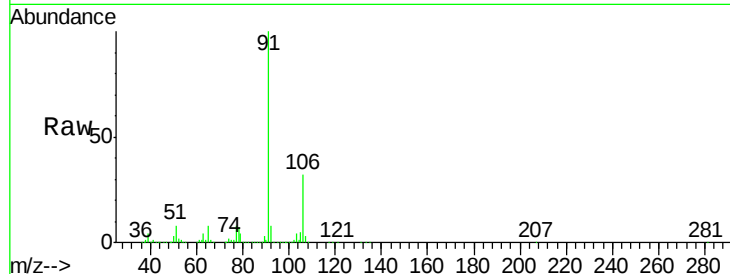
#67
Ethyl Benzene
Concen: 49.774 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 668384
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9

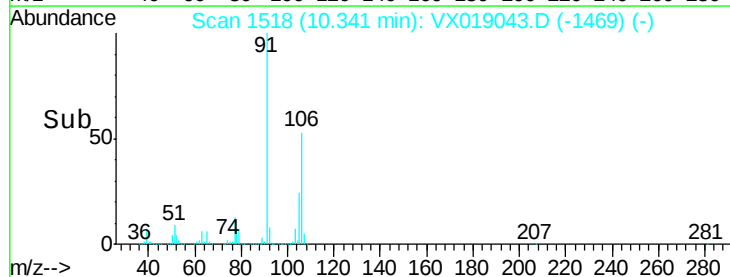
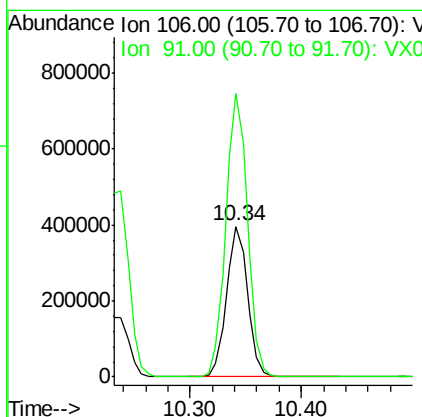
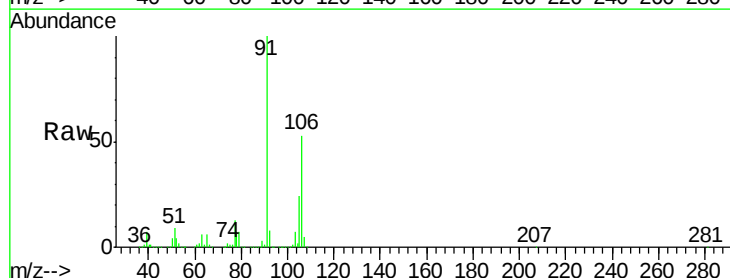
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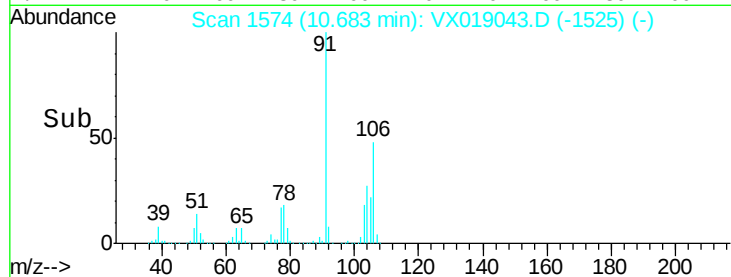
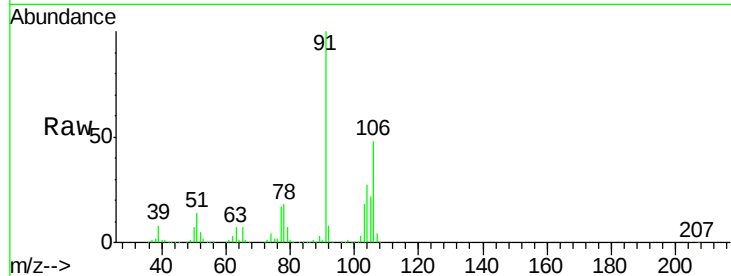
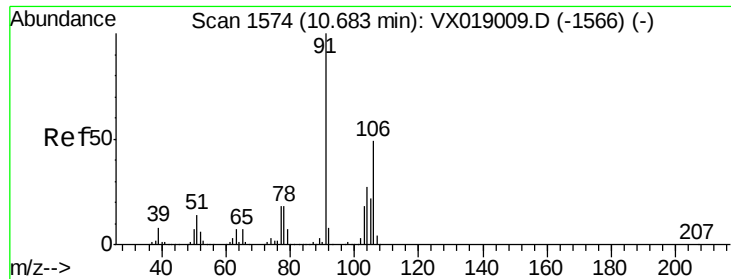
MMDadoda
10/23/2020 1:20:01 PM



#68
m/p-Xylenes
Concen: 100.853 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion: 106 Resp: 518778
Ion Ratio Lower Upper
106 100
91 193.1 156.9 235.3





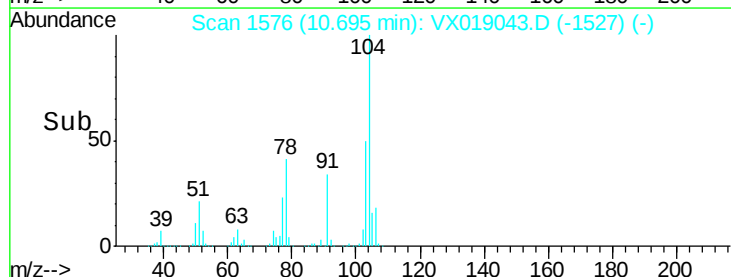
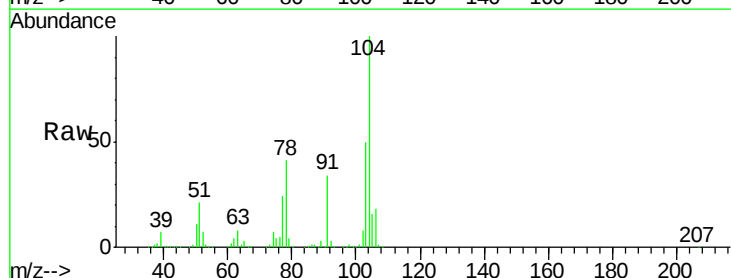
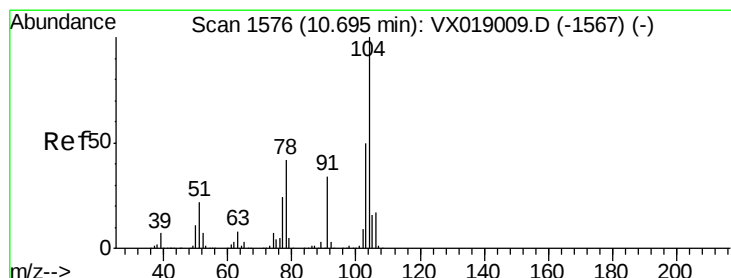
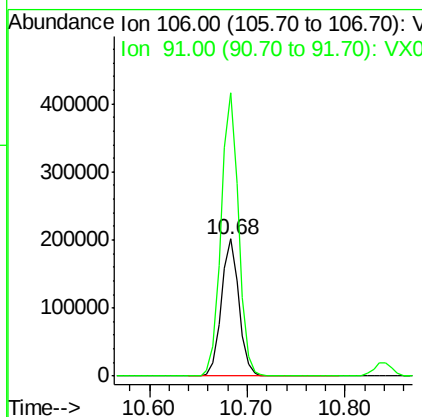
#69
o-Xylene
Concen: 50.623 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		249221		
91	206.3	104.0	312.0		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

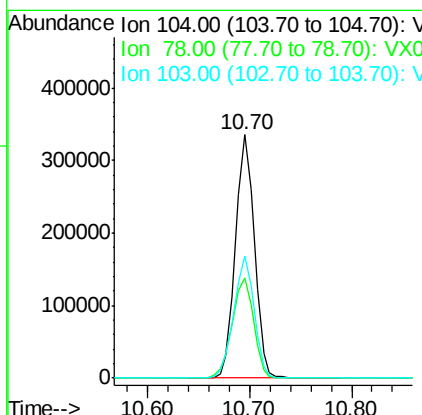
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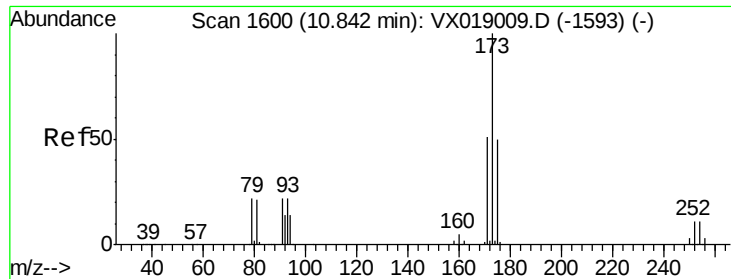
MMDadoda
10/23/2020 1:20:01 PM



#70
Styrene
Concen: 51.229 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		428191		
78	46.6	37.7	56.5		
103	53.9	43.5	65.3		





#71

Bromoform

Concen: 51.739 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 115681

Ion Ratio Lower Upper

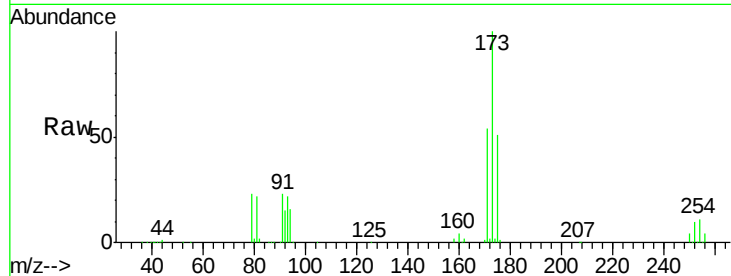
173 100

175 49.7 24.1 72.4

254 0.1 0.1 0.1#

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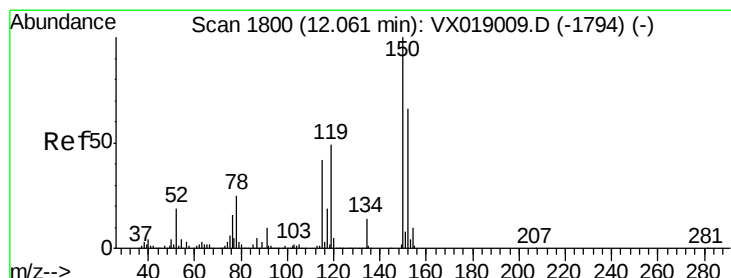
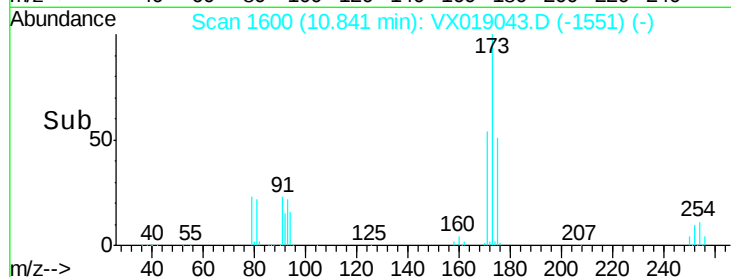
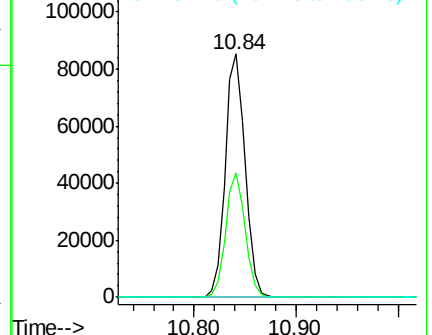
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

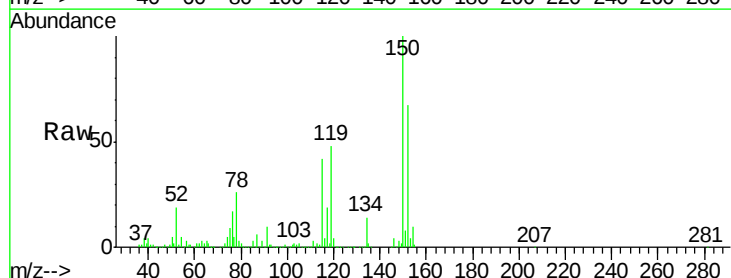
Tgt Ion:152 Resp: 190139

Ion Ratio Lower Upper

152 100

115 80.4 40.8 122.5

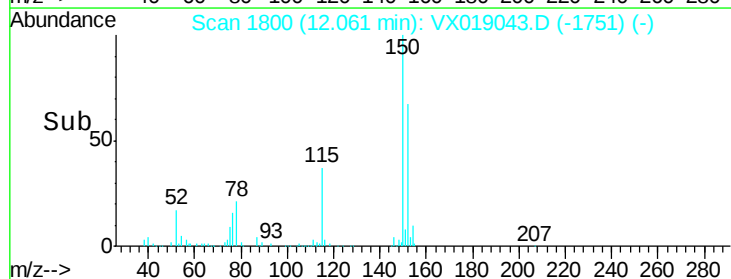
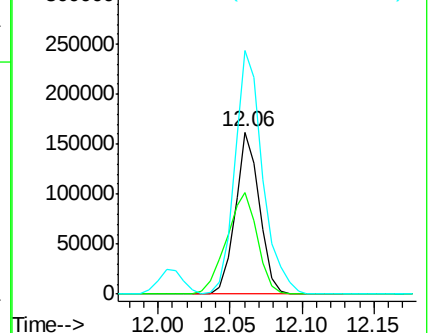
150 173.6 0.0 345.6

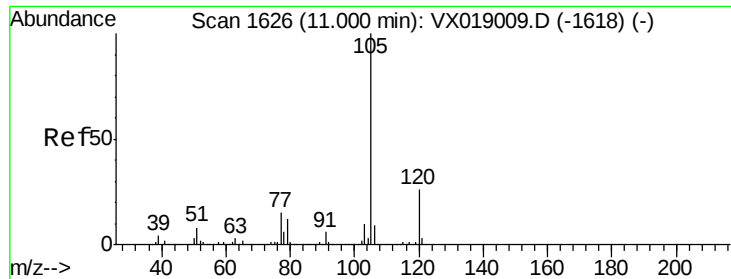


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.719 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 666387

Ion Ratio Lower Upper

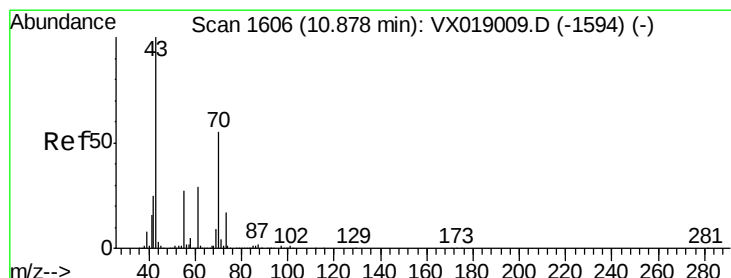
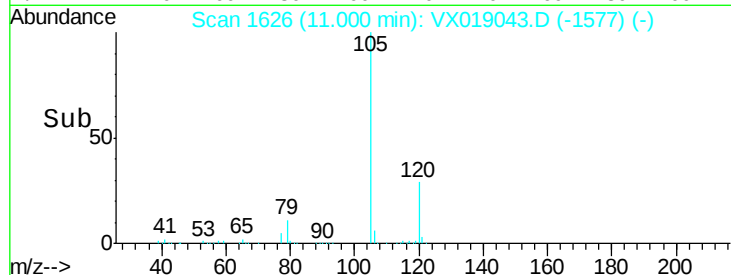
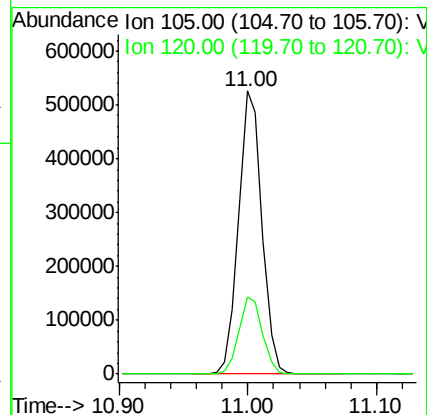
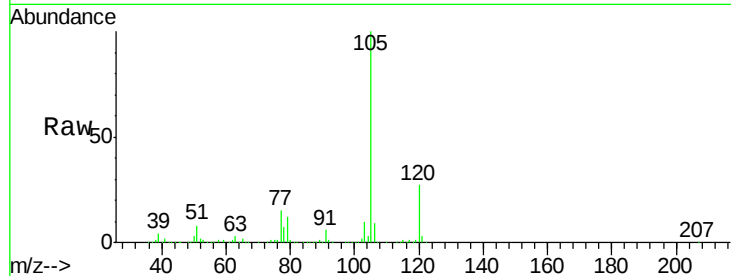
105 100

120 27.3 13.4 40.1

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#74

N-ethyl acetate

Concen: 49.760 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Tgt Ion: 43 Resp: 218071

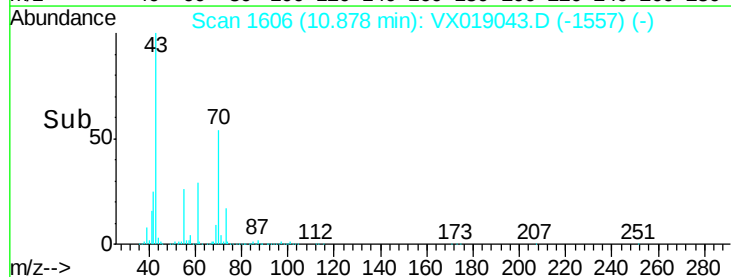
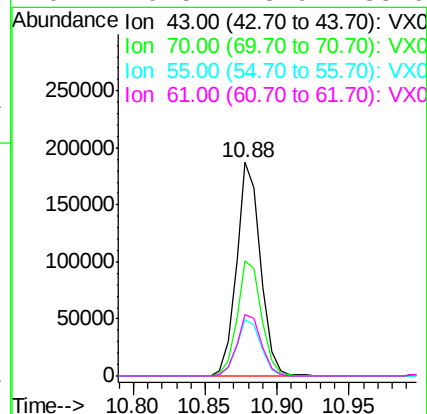
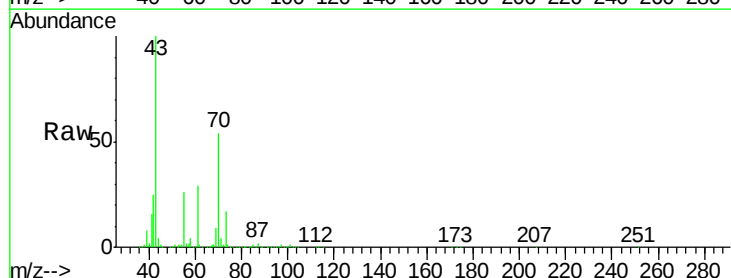
Ion Ratio Lower Upper

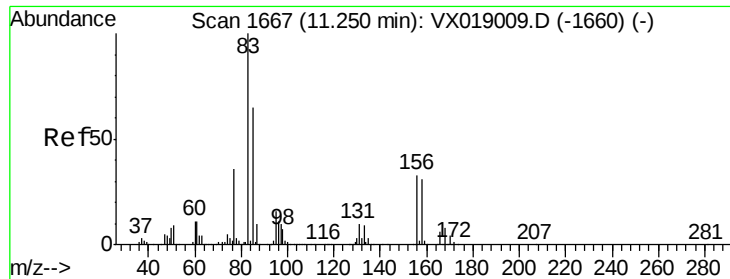
43 100

70 55.0 44.5 66.7

55 27.0 21.9 32.9

61 29.5 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.314 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 207328
Ion Ratio Lower Upper

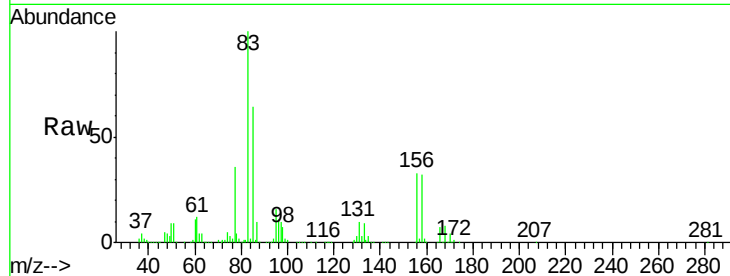
83 100

131 10.3 5.1 15.4

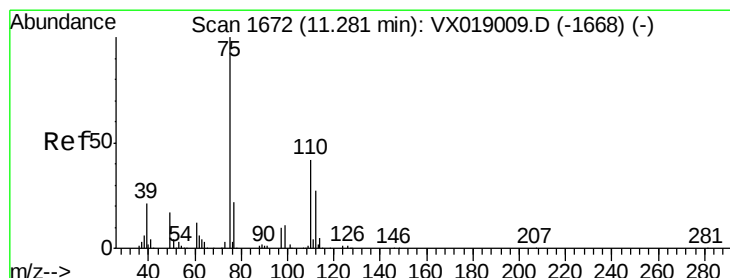
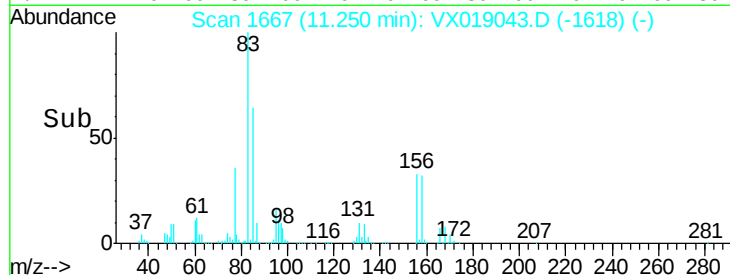
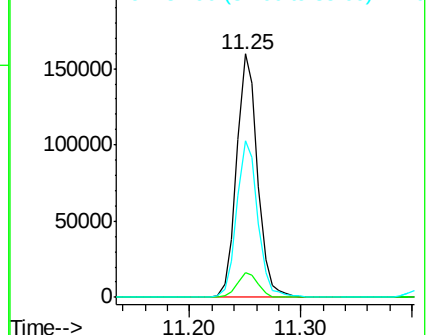
85 65.1 32.3 96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.777 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

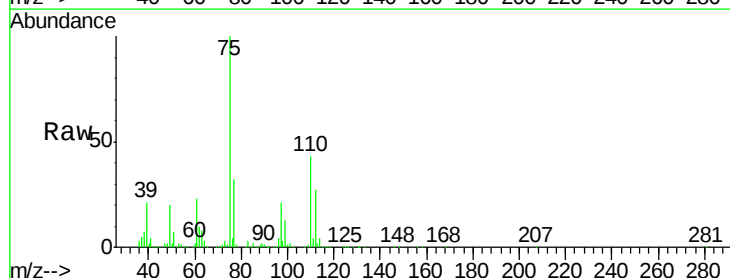
Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

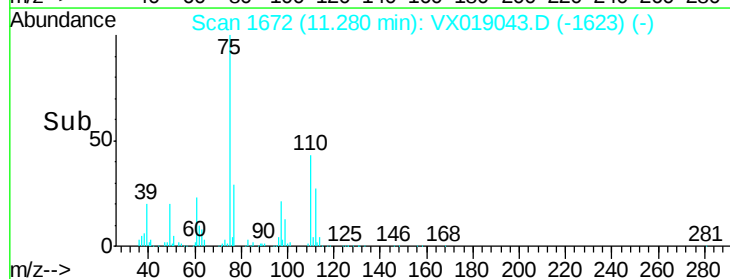
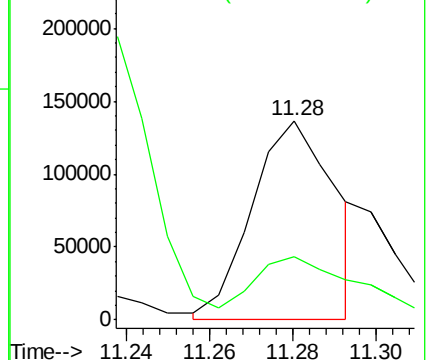
Tgt Ion: 75 Resp: 189168
Ion Ratio Lower Upper

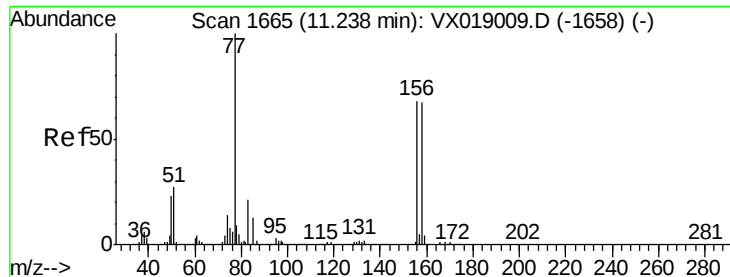
75 100

77 40.7 20.7 62.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.399 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

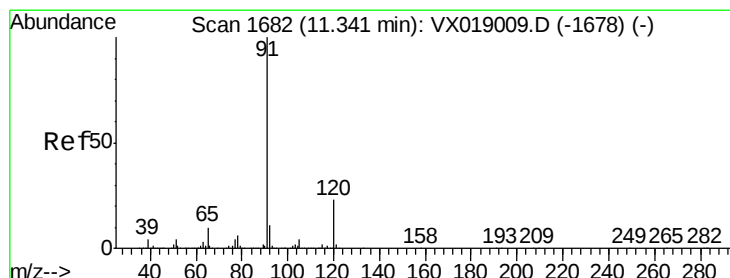
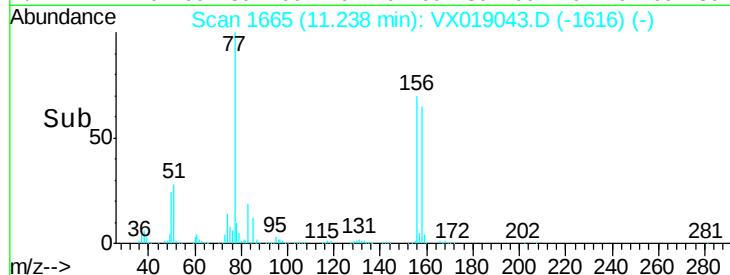
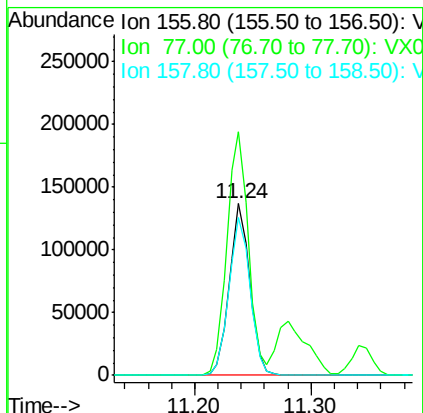
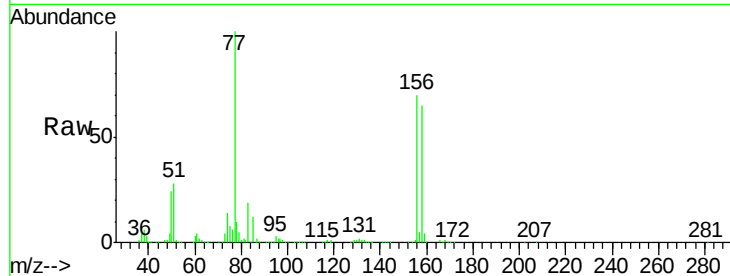
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.4	74.4	223.1
158	95.3	48.8	146.3

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#78

n-propylbenzene

Concen: 48.918 ug/l

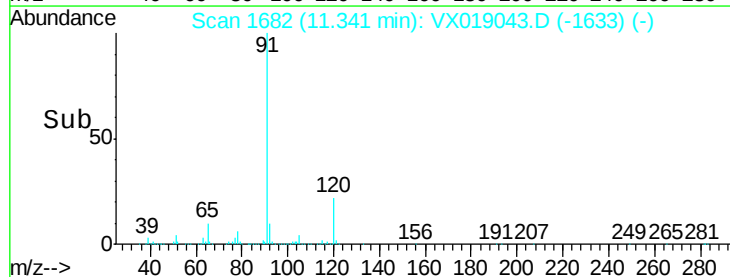
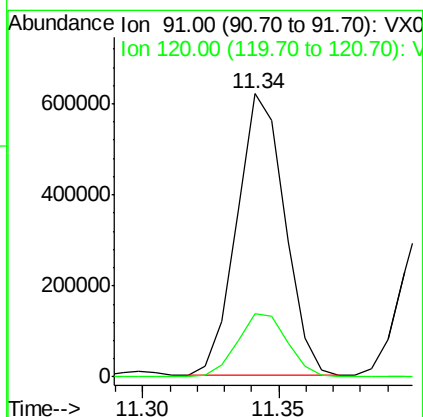
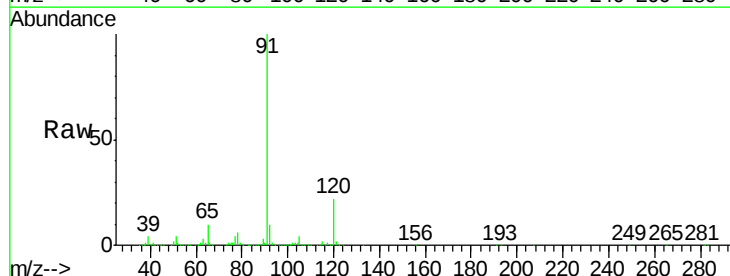
RT: 11.34 min Scan# 1682

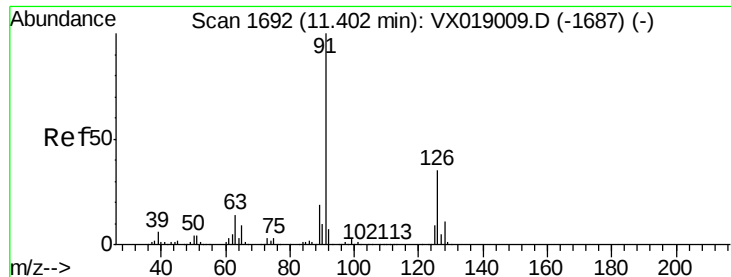
Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	12.1	36.3





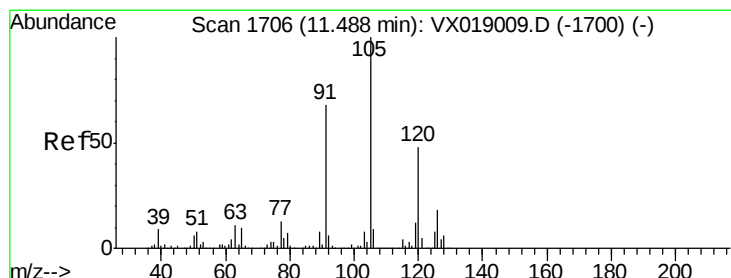
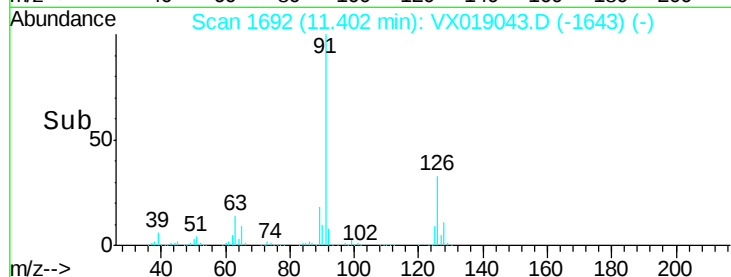
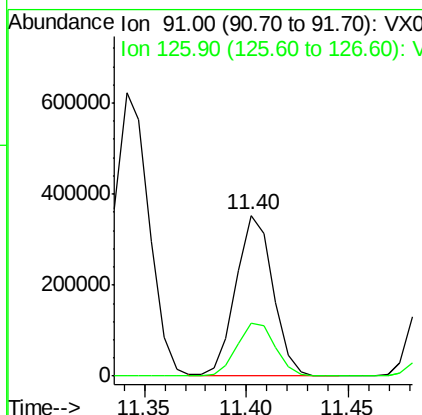
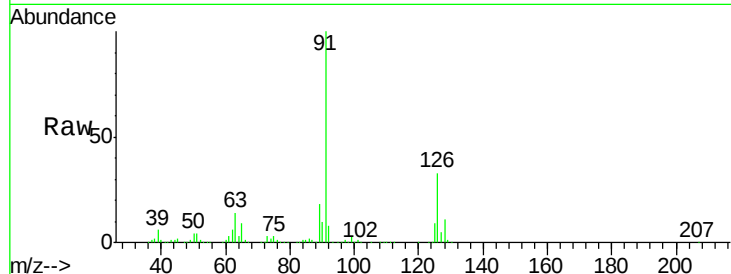
#79
 2-Chlorotoluene
 Concen: 48.879 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 441958
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.5

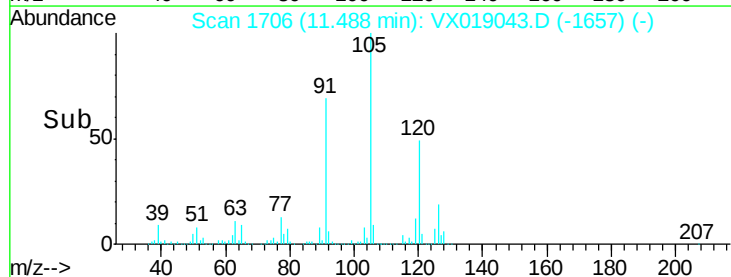
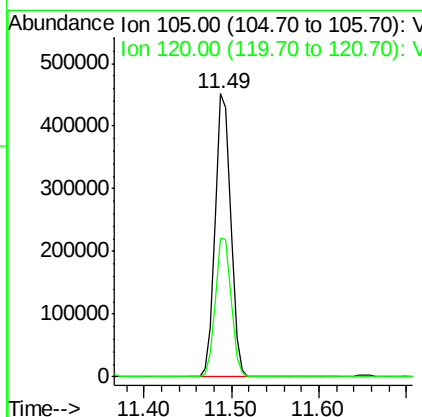
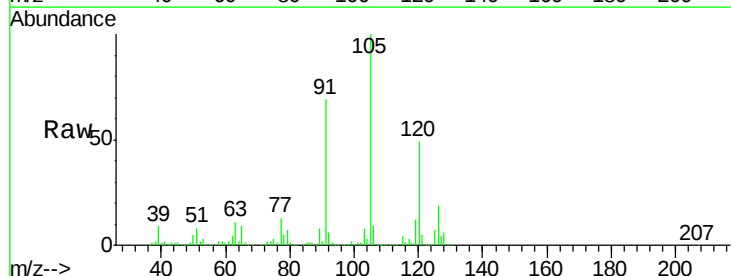
Manual Integrations
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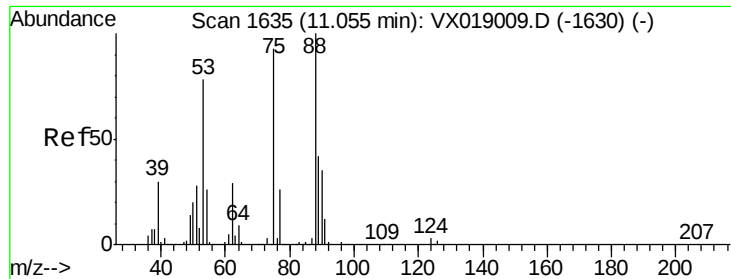
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.146 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion: 105 Resp: 555115
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.2 75.6





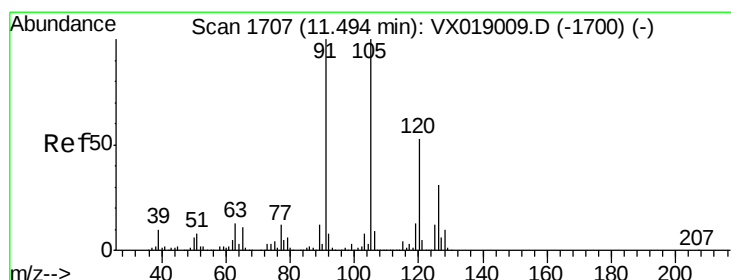
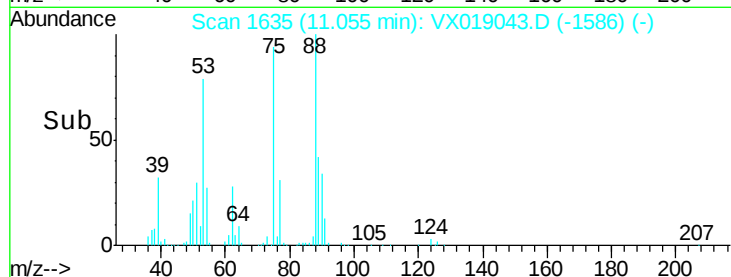
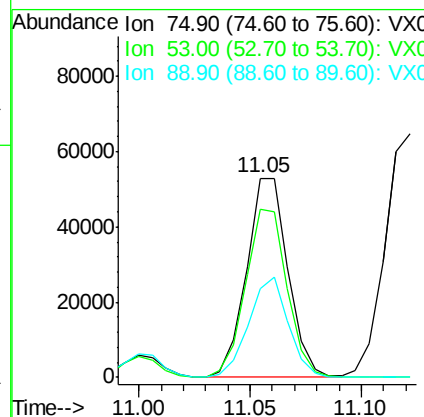
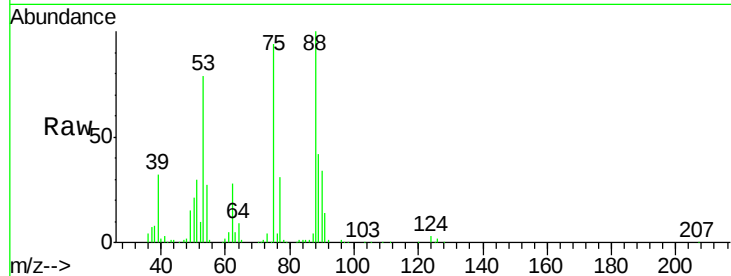
#81
trans-1,4-Dichloro-2-butene
Concen: 45.916 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.7	67.4	101.2
89	48.1	37.2	55.8

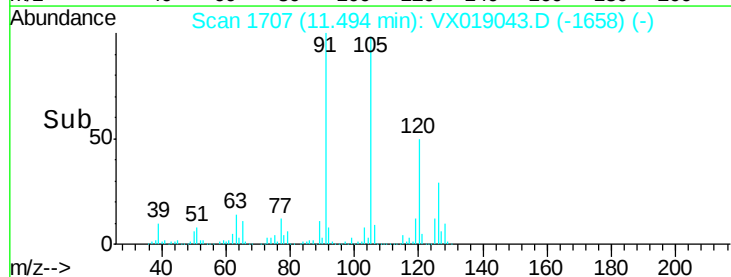
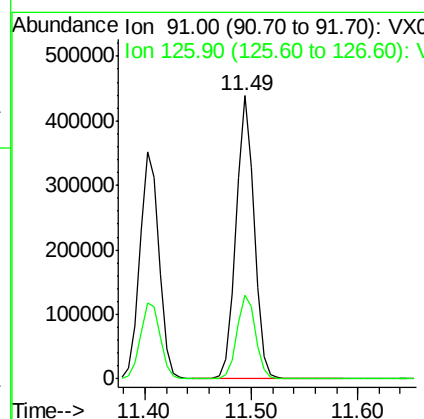
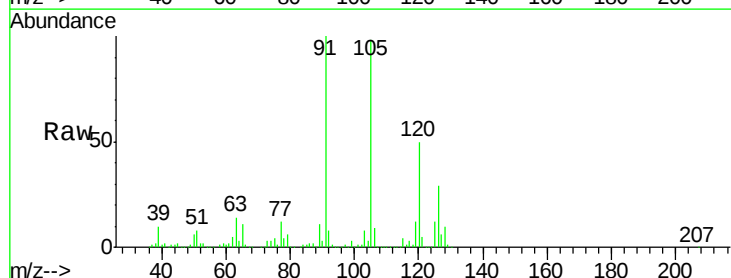
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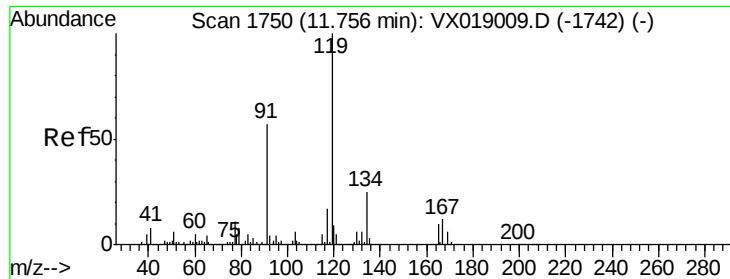
MMDadoda
10/23/2020 1:20:01 PM



#82
4-Chlorotoluene
Concen: 48.670 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.6	46.7





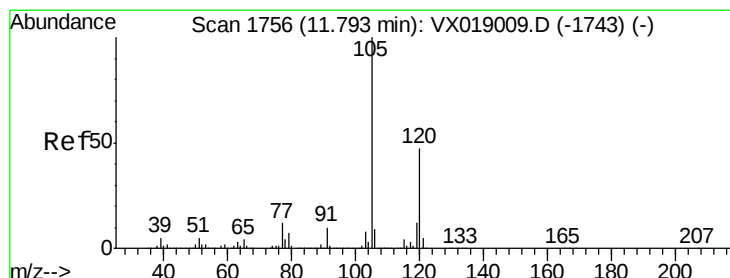
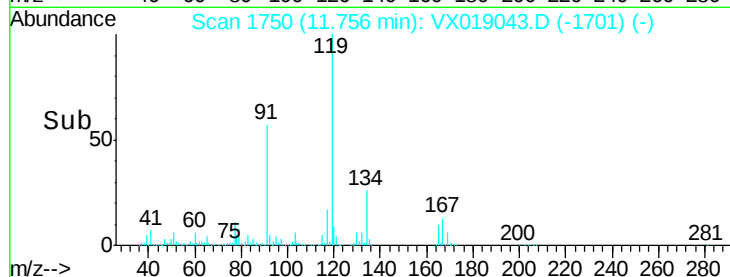
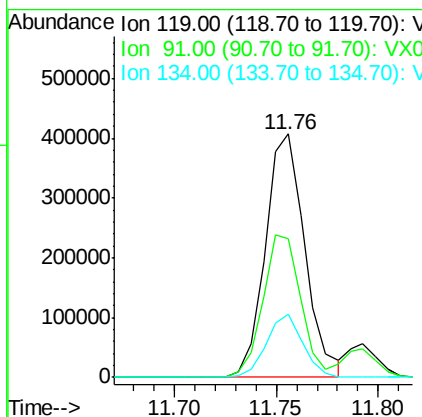
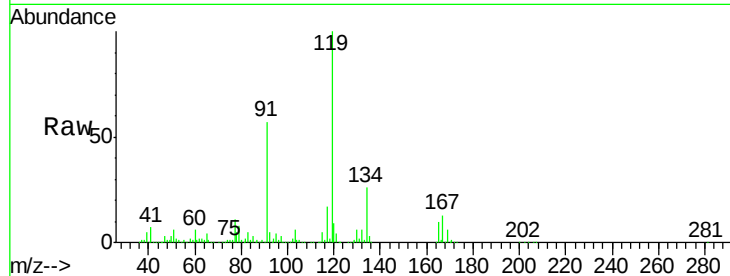
#83
tert-Butylbenzene
Concen: 49.351 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	28.1	84.4
134	23.7	11.8	35.3

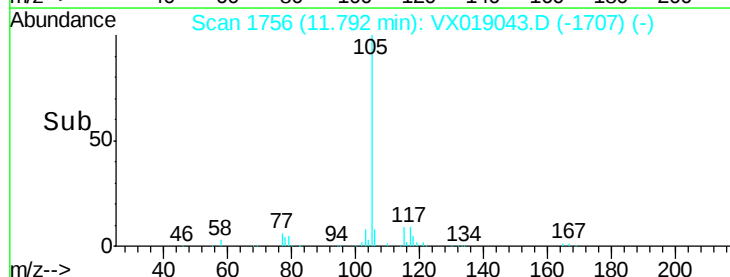
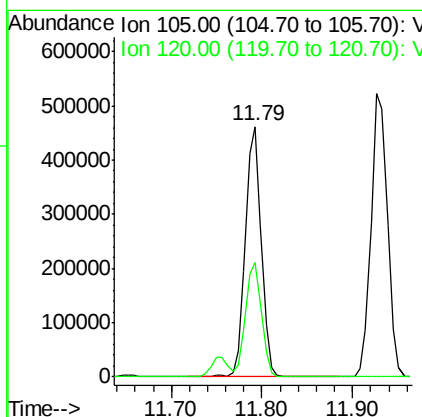
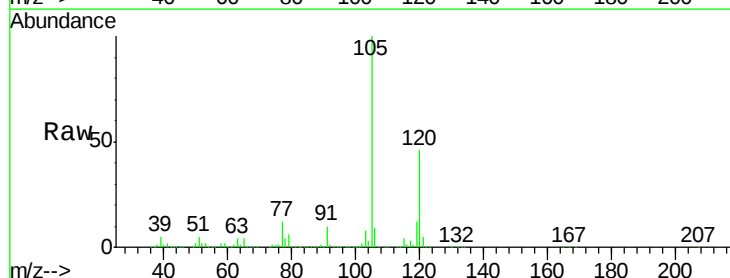
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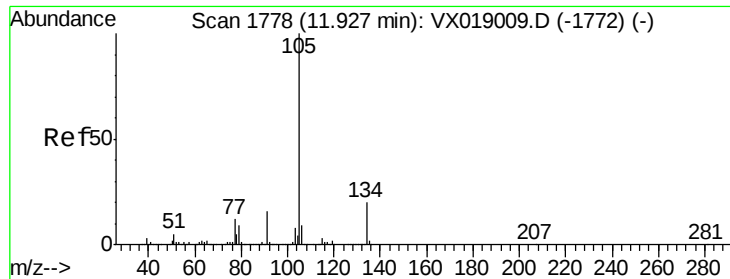
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#84
1,2,4-Trimethylbenzene
Concen: 49.741 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.8





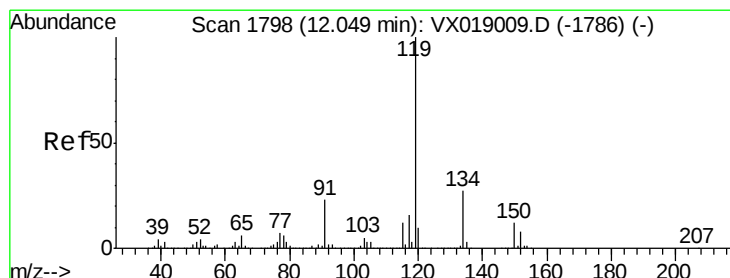
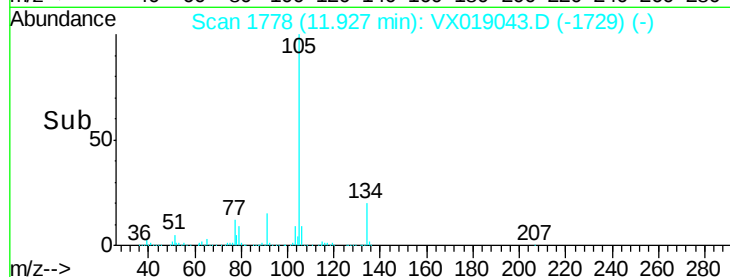
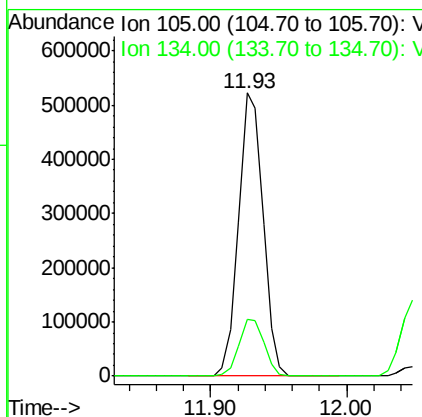
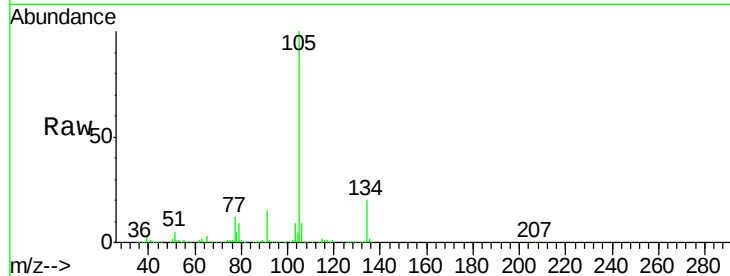
#85
 sec-Butylbenzene
 Concen: 48.746 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.4	31.1

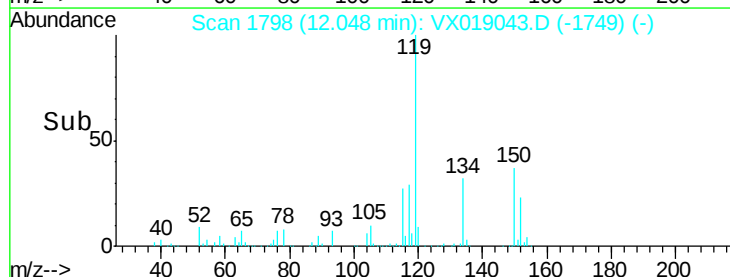
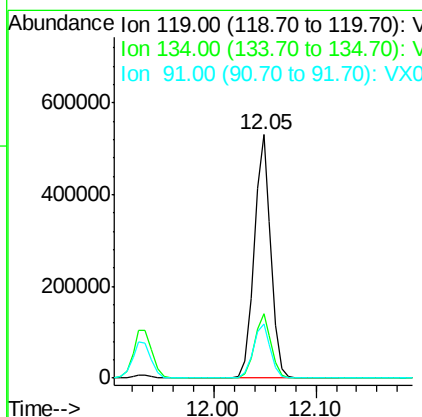
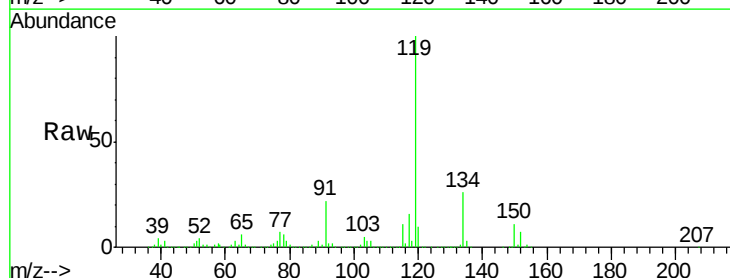
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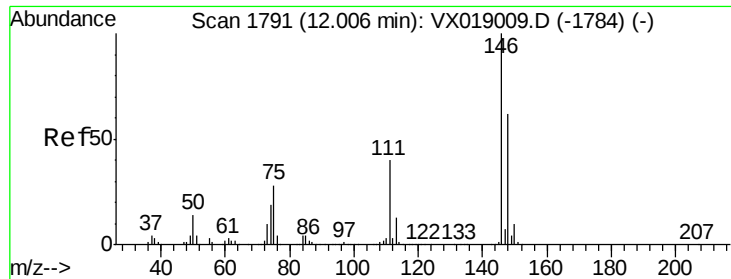
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#86
 p-Isopropyltoluene
 Concen: 48.979 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.8
91	22.9	11.4	34.2





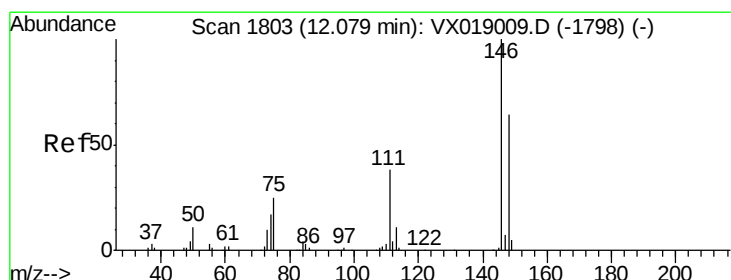
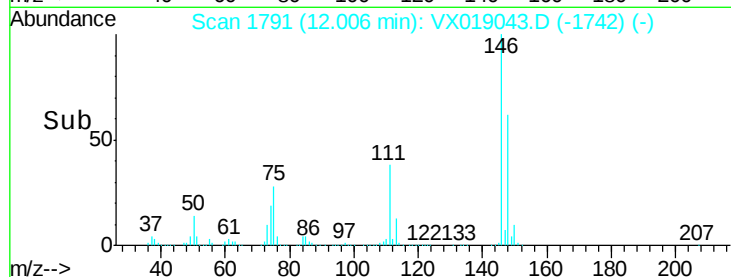
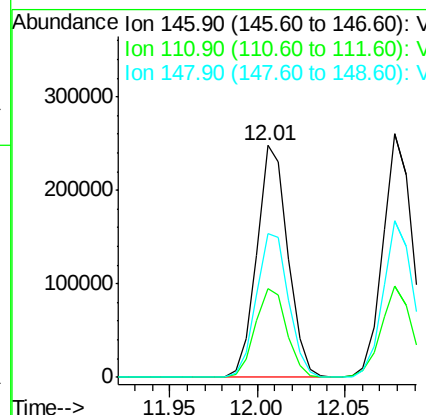
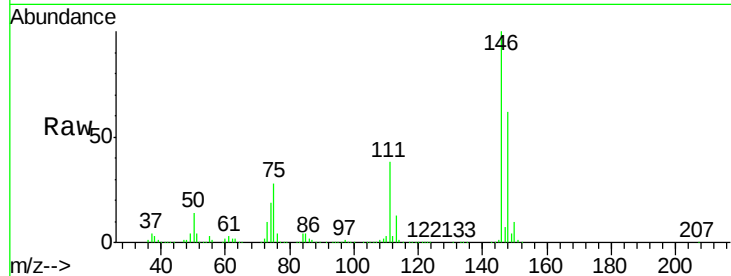
#87
 1,3-Dichlorobenzene
 Concen: 48.258 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	64.3	32.0	96.0

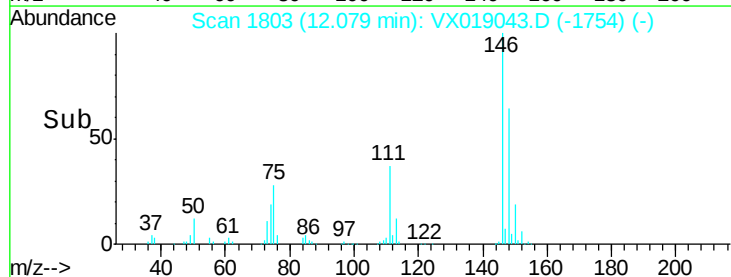
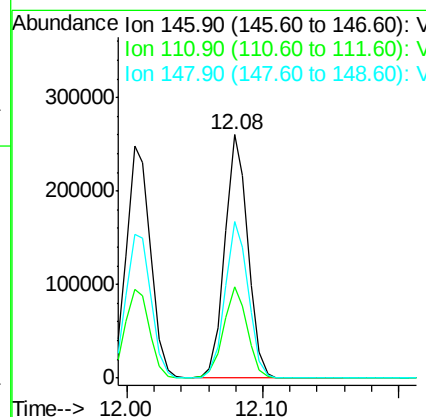
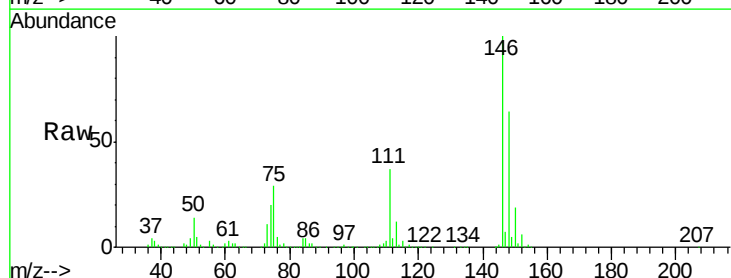
Manual Integrations
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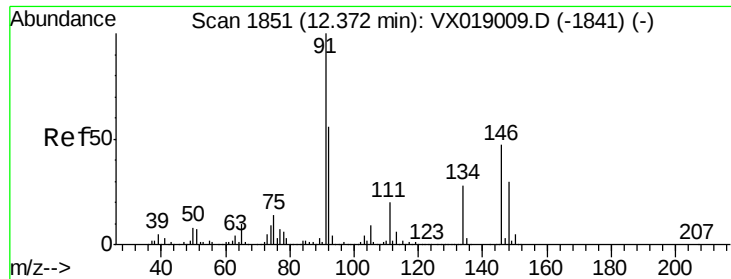
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#88
 1,4-Dichlorobenzene
 Concen: 46.961 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.2
148	64.7	32.2	96.6





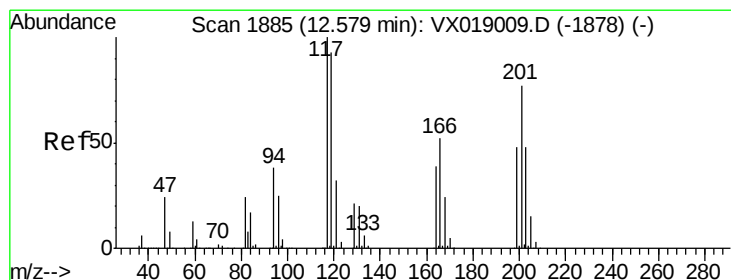
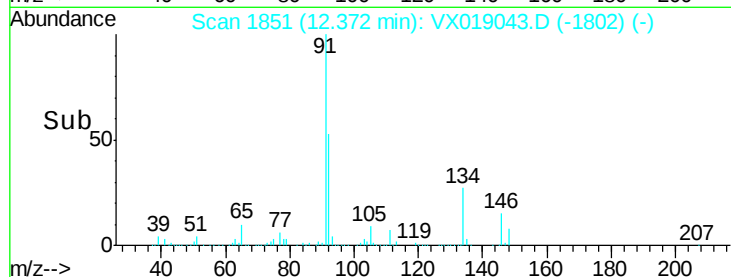
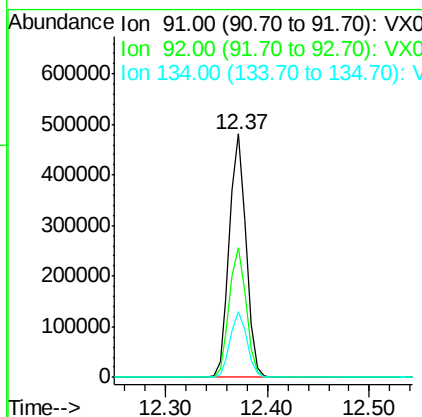
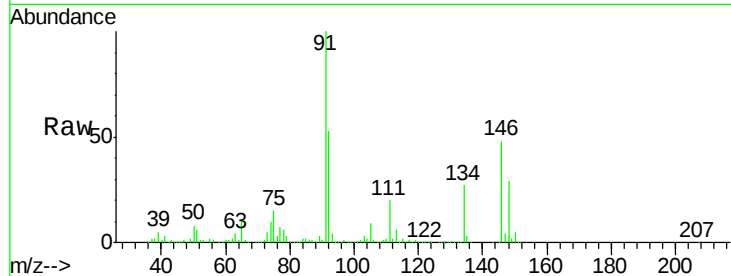
#89
n-Butylbenzene
Concen: 48.105 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.3	81.9
134	27.0	13.6	40.7

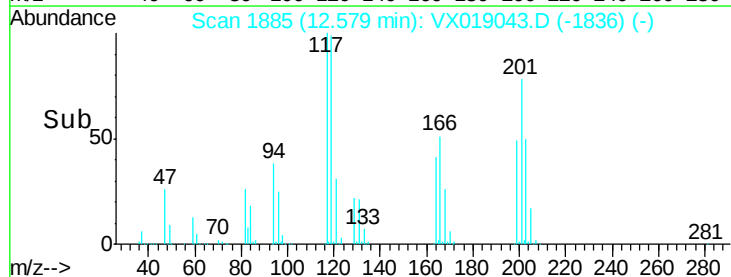
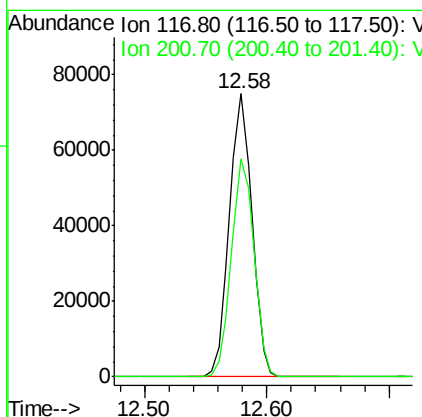
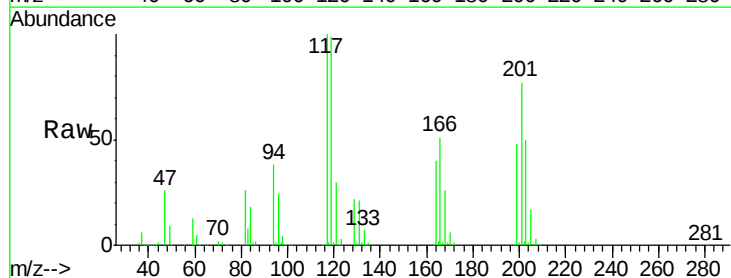
Manual Integrations
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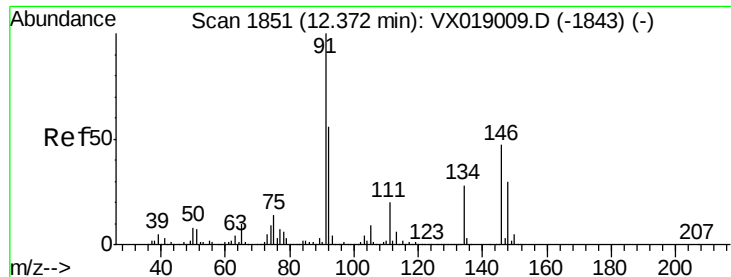
MMDadoda
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#90
Hexachloroethane
Concen: 50.891 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	37.1	111.3





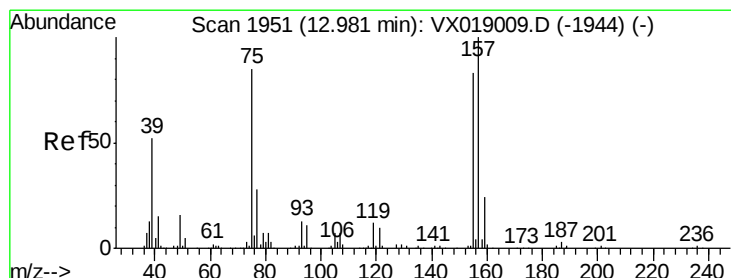
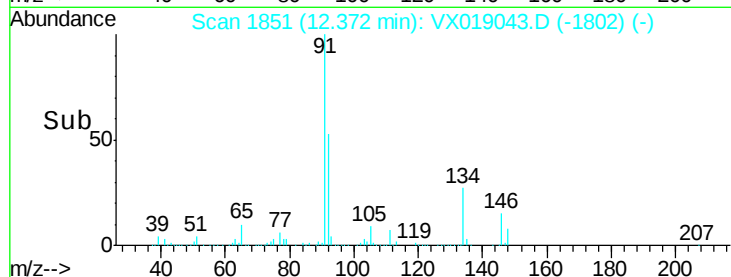
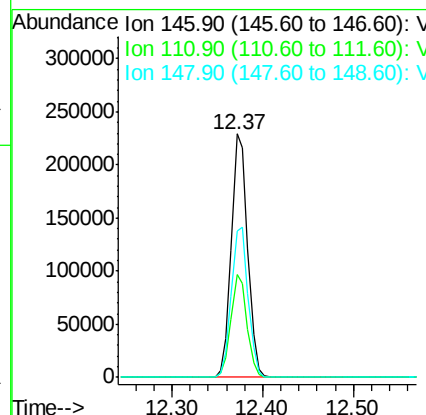
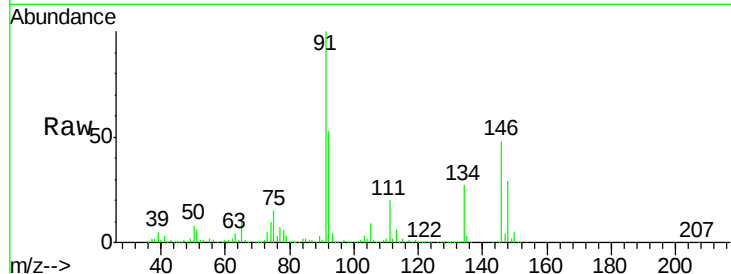
#91
 1,2-Dichlorobenzene
 Concen: 48.471 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.9	59.7
148	63.5	31.4	94.3

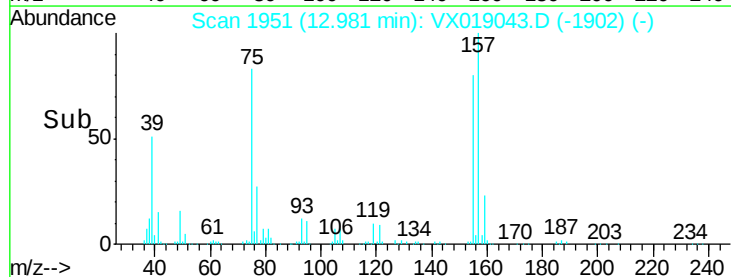
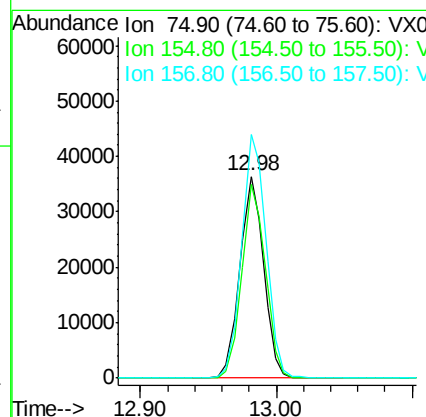
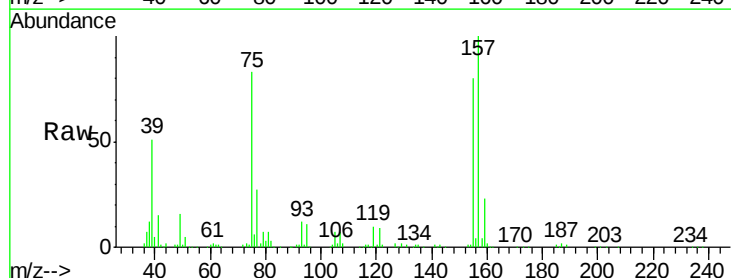
Manual Integrations
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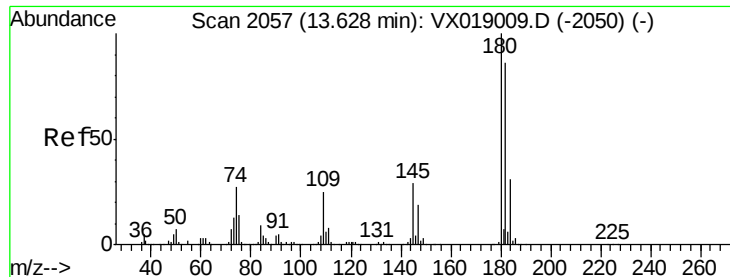
MMDadoda
 10/23/2020 1:20:01 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.322 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	47.3	142.0
157	123.3	59.7	179.0





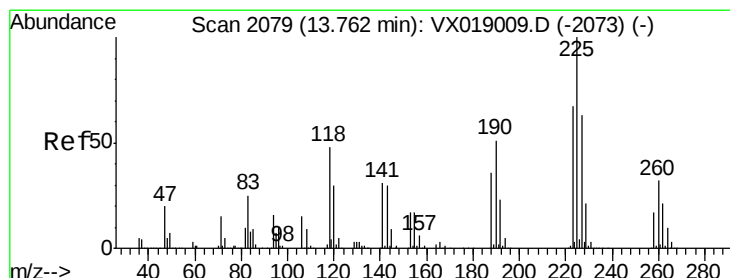
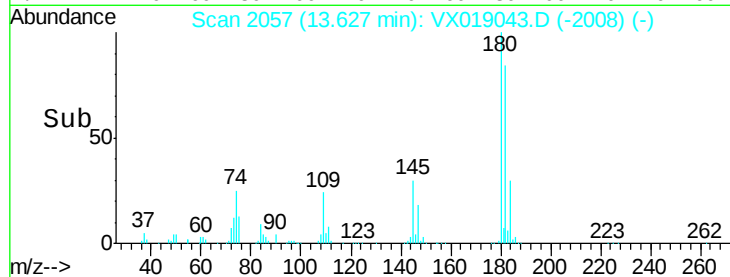
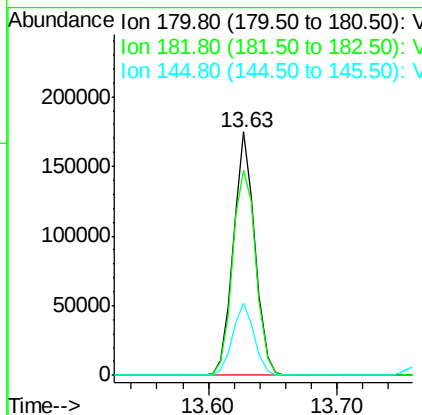
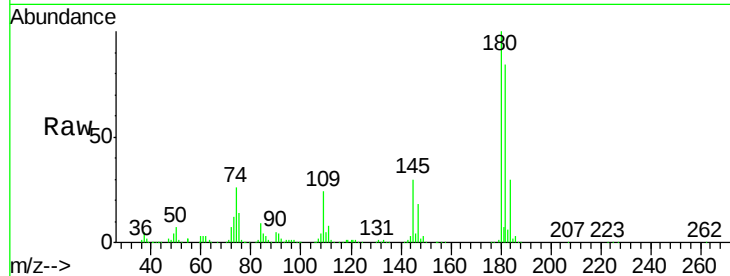
#93
 1,2,4-Trichlorobenzene
 Concen: 46.942 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	202906		
182	92.0	46.4	139.2	
145	30.1	15.2	45.6	

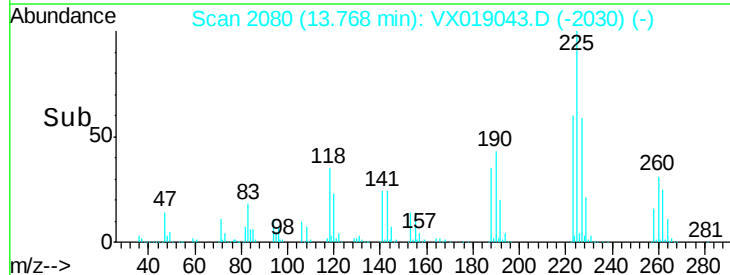
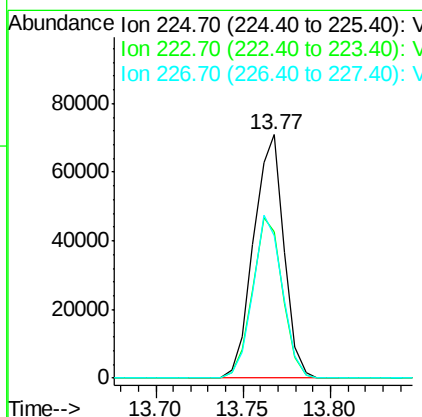
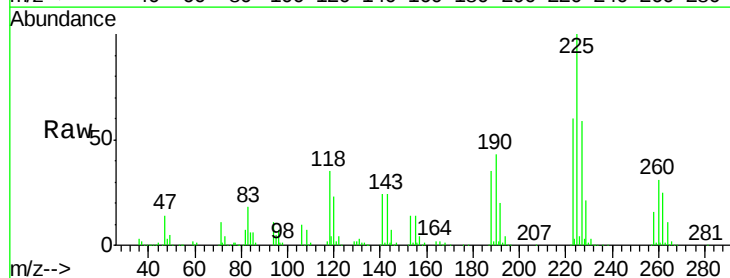
Manual Integrations
 APPROVED

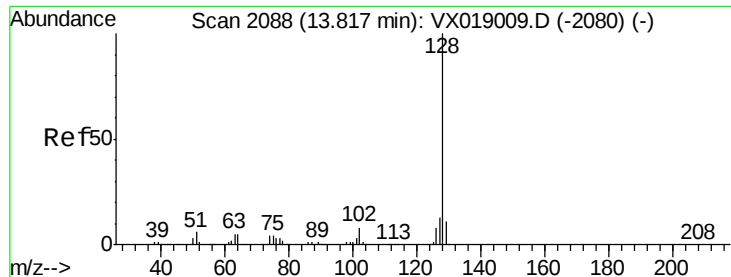
MMDadoda
 10/23/2020 1:20:01 PM



#94
 Hexachlorobutadiene
 Concen: 43.011 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86193		
223	65.3	32.5	97.4	
227	65.1	31.9	95.7	





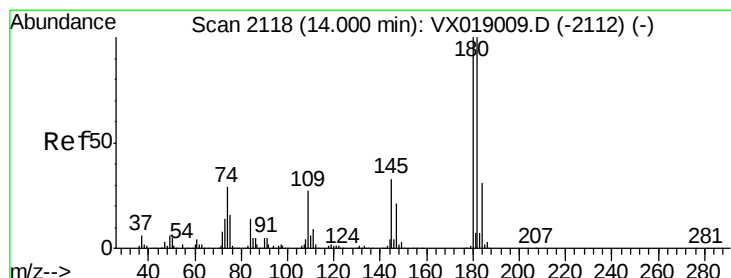
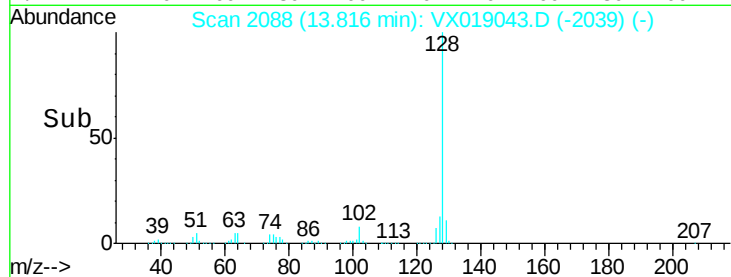
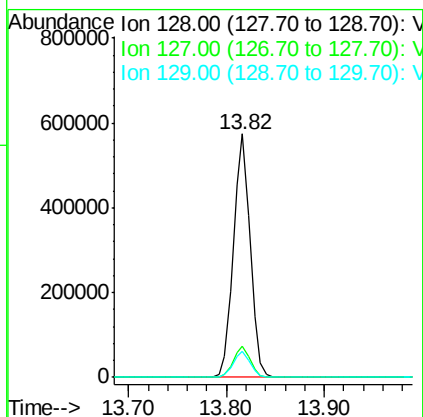
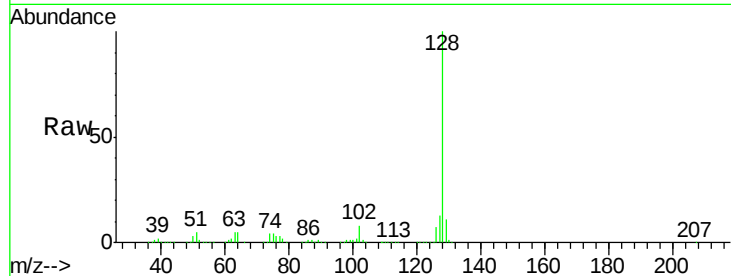
#95
Naphthalene
Concen: 50.040 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	680558		
127	12.9		10.5	15.7
129	10.6		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/23/2020 1:20:01 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.583 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	200203		
182	92.4		47.3	142.0
145	32.1		15.9	47.6

