

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX113020\
 Data File : VX019669.D
 Acq On : 30 Nov 2020 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:52 AM

Quant Time: Dec 01 02:48:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	298813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	490444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	426584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182632	47.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.28%
35) Dibromofluoromethane	5.46	113	151935	49.35	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.70%
50) Toluene-d8	8.69	98	568558	47.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.06%
62) 4-Bromofluorobenzene	11.12	95	208793	48.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.02%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	141108	48.561	ug/l 98
3) Chloromethane	1.31	50	145977	43.778	ug/l 100
4) Vinyl Chloride	1.39	62	168304	46.888	ug/l 100
5) Bromomethane	1.62	94	59333	43.640	ug/l 99
6) Chloroethane	1.69	64	74779	88.801	ug/l 97
7) Trichlorofluoromethane	1.90	101	247805	47.832	ug/l 100
8) Diethyl Ether	2.17	74	102606	49.452	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	142886	49.436	ug/l 99
10) Methyl Iodide	2.48	142	190656	50.211	ug/l 99
11) Tert butyl alcohol	3.04	59	182856	249.386	ug/l 100
12) 1,1-Dichloroethene	2.35	96	140308	47.296	ug/l 100
13) Acrolein	2.27	56	83796	170.016	ug/l 97
14) Allyl chloride	2.70	41	233769	50.301	ug/l 100
15) Acrylonitrile	3.12	53	432044	249.852	ug/l 99
16) Acetone	2.42	43	486538	324.730	ug/l 99
17) Carbon Disulfide	2.54	76	376176	47.200	ug/l 99
18) Methyl Acetate	2.75	43	187204	50.947	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	530706	51.826	ug/l 100
20) Methylene Chloride	2.83	84	173494	46.329	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	165905	49.360	ug/l 98
22) Diisopropyl ether	3.82	45	487339	50.690	ug/l 93
23) Vinyl Acetate	3.78	43	2087160	258.820	ug/l 99
24) 1,1-Dichloroethane	3.67	63	292110	49.675	ug/l 99
25) 2-Butanone	4.64	43	616154	273.760	ug/l 100
26) 2,2-Dichloropropane	4.54	77	265618	51.749	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	192644	49.896	ug/l 99
28) Bromochloromethane	4.97	49	126729	45.076	ug/l 100
29) Tetrahydrofuran	5.09	42	346988	241.625	ug/l 100
30) Chloroform	5.17	83	303801	49.407	ug/l 97
31) Cyclohexane	5.54	56	244452	48.511	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	268028	50.745	ug/l 99
36) 1,1-Dichloropropene	5.76	75	222759	48.448	ug/l 99
37) Ethyl Acetate	4.79	43	215845	50.005	ug/l 99
38) Carbon Tetrachloride	5.74	117	229747	51.623	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	265874	49.663	ug/l	100
40) Benzene	6.10	78	681902	48.269	ug/l	100
41) Methacrylonitrile	4.99	41	118341	49.716	ug/l	100
42) 1,2-Dichloroethane	6.15	62	235340	48.602	ug/l	100
43) Isopropyl Acetate	6.41	43	354005	48.788	ug/l	100
44) Trichloroethene	7.18	130	181254	48.982	ug/l	100
45) 1,2-Dichloropropane	7.49	63	170985	49.164	ug/l	99
46) Dibromomethane	7.63	93	116230	48.830	ug/l	100
47) Bromodichloromethane	7.87	83	235760	51.042	ug/l	96
48) Methyl methacrylate	7.74	41	172182	50.669	ug/l	99
49) 1,4-Dioxane	7.71	88	77201	1000.568	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1048067	247.699	ug/l	99
52) Toluene	8.76	92	423311	48.981	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	262456	52.614	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	286291	51.716	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	171447	48.711	ug/l	97
56) Ethyl methacrylate	9.16	69	256996	51.602	ug/l	99
57) 1,3-Dichloropropane	9.35	76	286345	48.593	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	693534	237.652	ug/l	98
59) 2-Hexanone	9.47	43	850231	264.948	ug/l	100
60) Dibromochloromethane	9.56	129	181514	52.651	ug/l	99
61) 1,2-Dibromoethane	9.65	107	177849	49.021	ug/l	98
64) Tetrachloroethene	9.32	164	153829	45.876	ug/l	98
65) Chlorobenzene	10.12	112	436486	49.767	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	168198	52.723	ug/l	98
67) Ethyl Benzene	10.23	91	793754	51.661	ug/l	97
68) m/p-Xylenes	10.34	106	595542	104.036	ug/l	100
69) o-Xylene	10.68	106	282034	51.540	ug/l	98
70) Styrene	10.70	104	490134	48.441	ug/l	100
71) Bromoform	10.84	173	132847	49.218	ug/l #	99
73) Isopropylbenzene	11.00	105	766658	50.736	ug/l	99
74) N-amyl acetate	10.88	43	298373	52.695	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	259649	48.050	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	238678m	50.069	ug/l	
77) Bromobenzene	11.24	156	191093	49.538	ug/l	99
78) n-propylbenzene	11.34	91	877448	50.618	ug/l	99
79) 2-Chlorotoluene	11.40	91	530477	50.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	653052	51.519	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	90029	50.924	ug/l	97
82) 4-Chlorotoluene	11.49	91	613527	49.574	ug/l	100
83) tert-Butylbenzene	11.76	119	638681	52.080	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	664361	51.799	ug/l	99
85) sec-Butylbenzene	11.93	105	746388	51.160	ug/l	100
86) p-Isopropyltoluene	12.05	119	688689	51.992	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	343925	48.547	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	358046	49.066	ug/l	99
89) n-Butylbenzene	12.37	91	612127	51.117	ug/l	98
90) Hexachloroethane	12.58	117	117507	53.014	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	342423	48.125	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56537	51.285	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	229694	50.282	ug/l	98
94) Hexachlorobutadiene	13.76	225	98655	47.408	ug/l	99
95) Naphthalene	13.82	128	765335	47.611	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	232529	50.890	ug/l	98

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

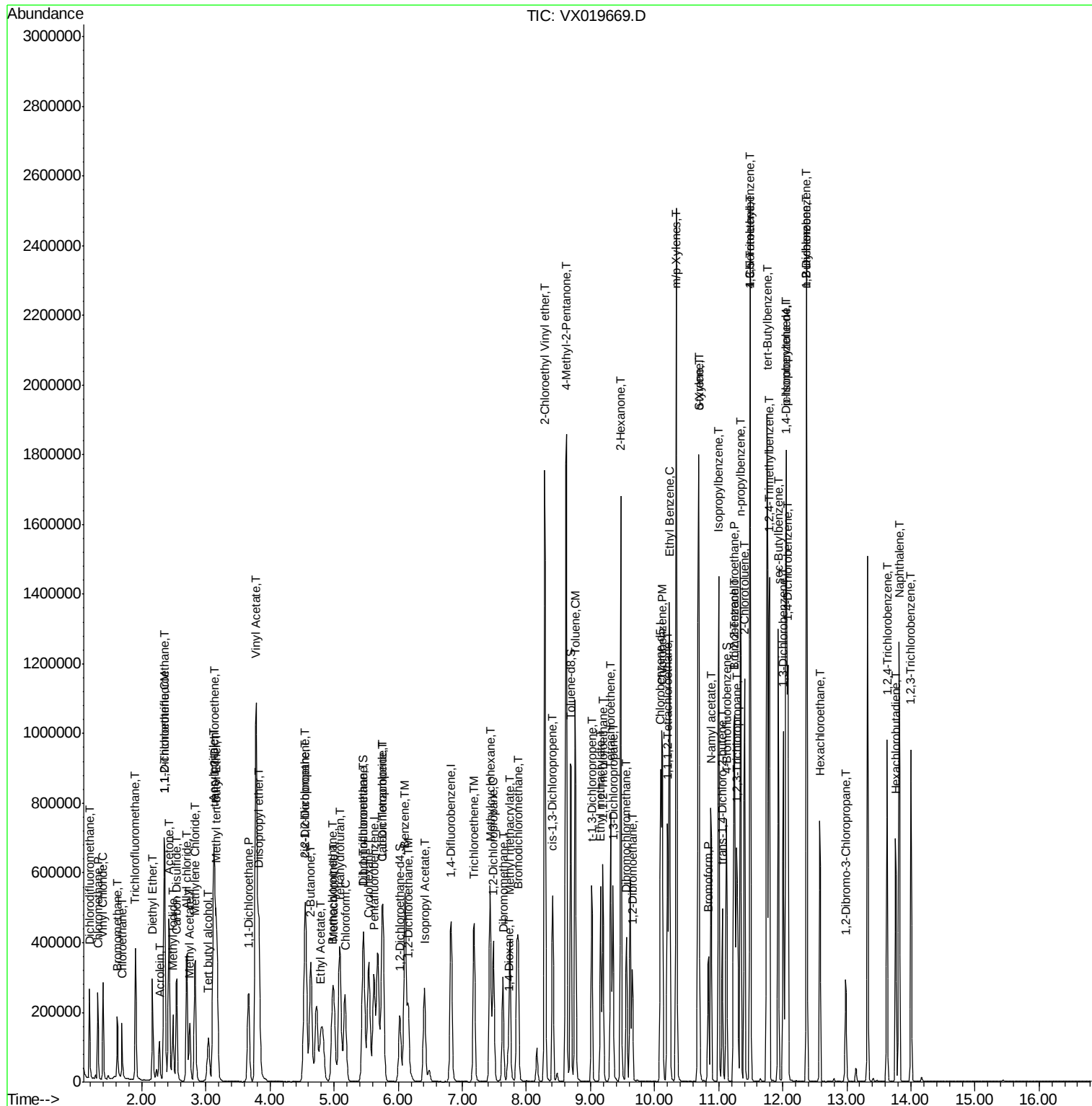
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Data File : VX019669.D
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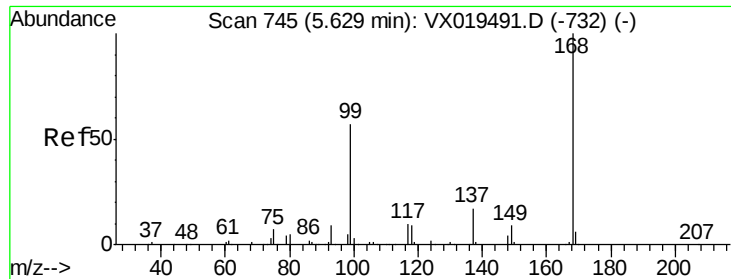
Instrument :
MSVOA_X
ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 298813

Ion Ratio Lower Upper

168 100

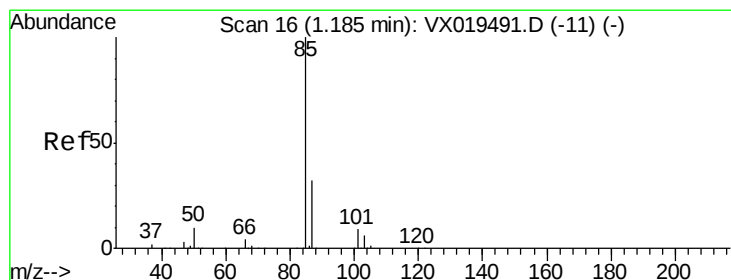
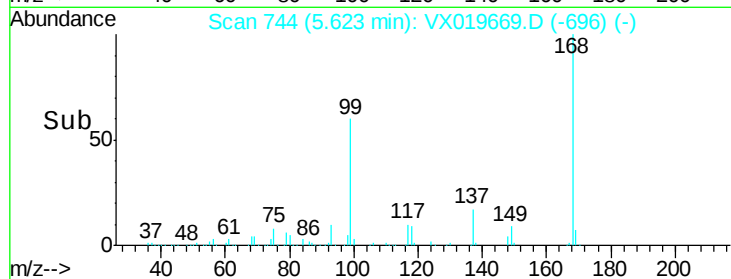
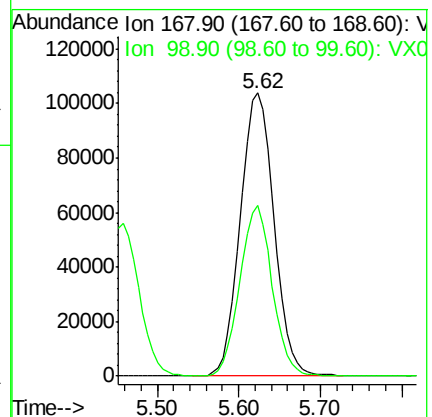
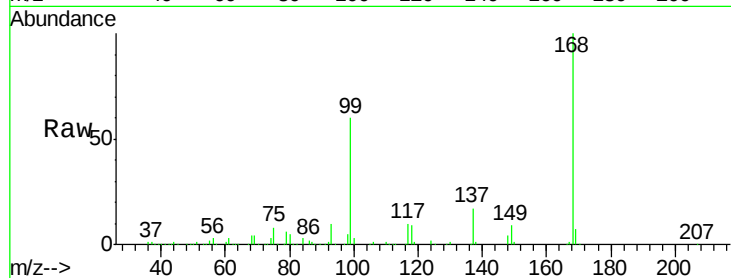
99 60.1 45.8 68.6

Manual Integrations

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12/1/2020 9:35:52 AM



#2

Dichlorodifluoromethane

Concen: 48.561 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019669.D

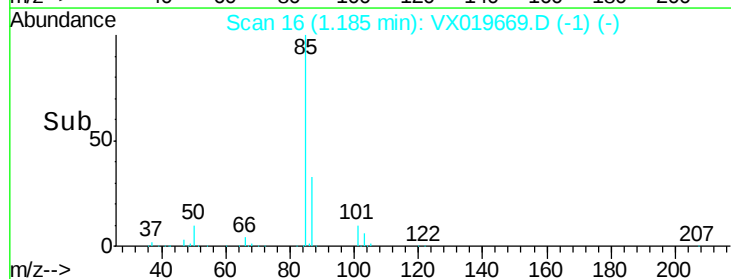
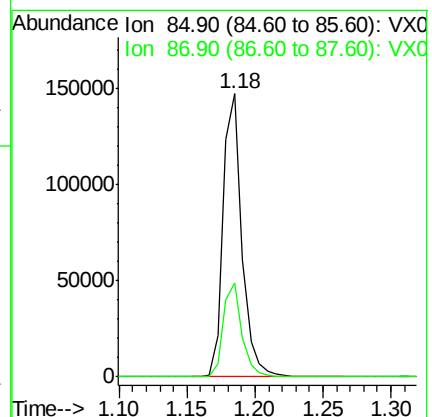
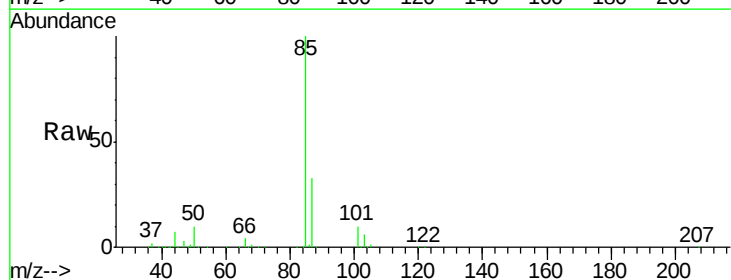
Acq: 30 Nov 2020 09:55

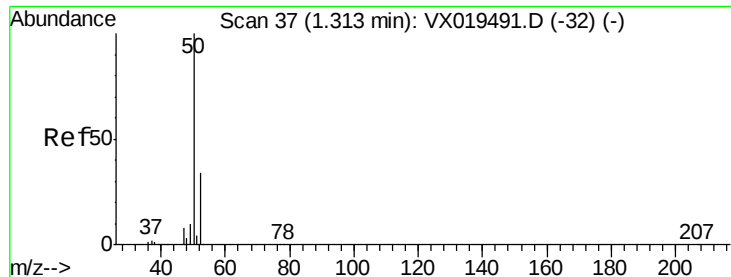
Tgt Ion: 85 Resp: 141108

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9





#3

Chloromethane

Concen: 43.778 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 145977

Ion Ratio Lower Upper

50 100

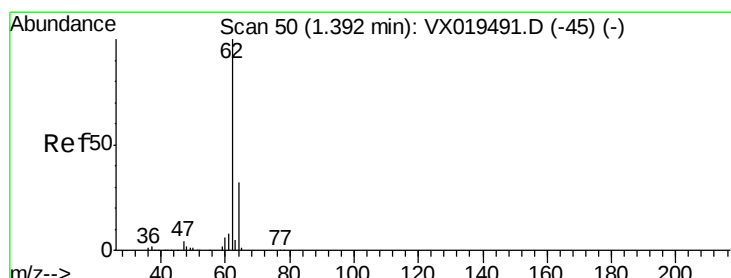
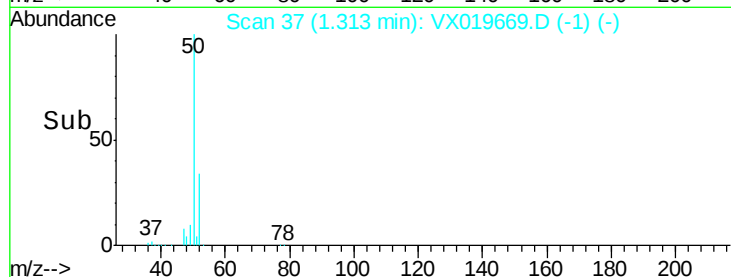
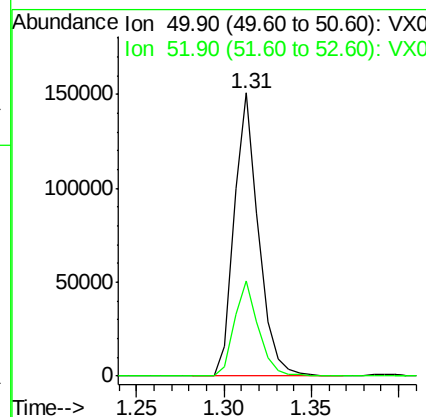
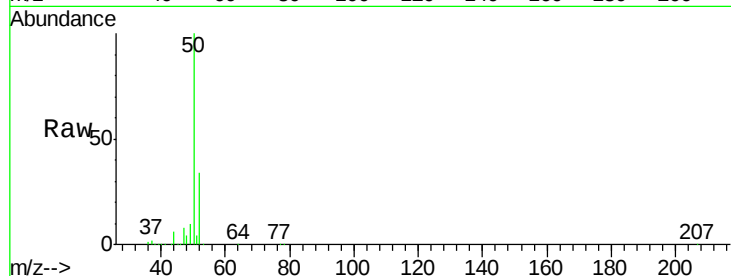
52 33.6 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.888 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019669.D

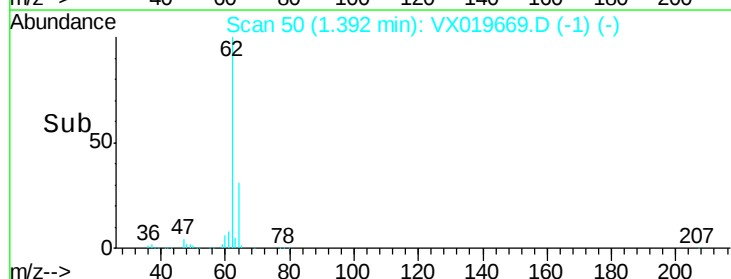
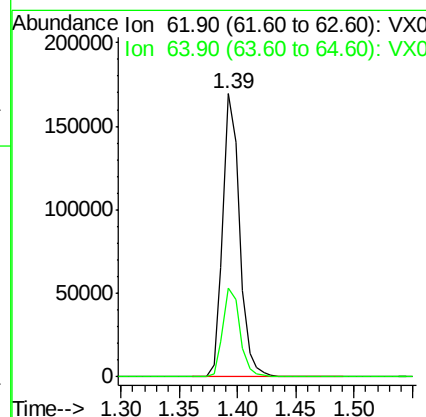
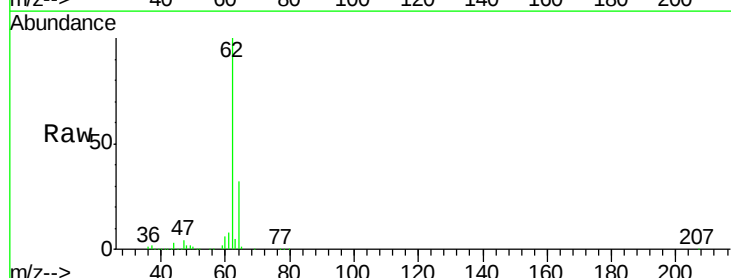
Acq: 30 Nov 2020 09:55

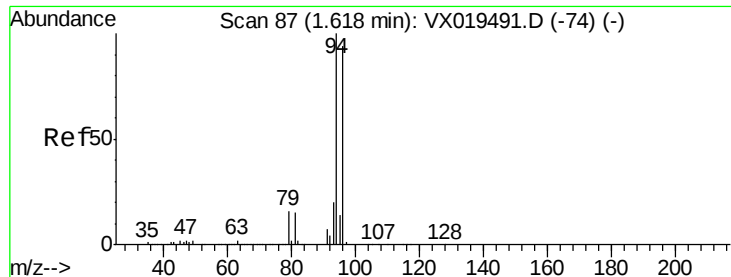
Tgt Ion: 62 Resp: 168304

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 43.640 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 59333

Ion Ratio Lower Upper

94 100

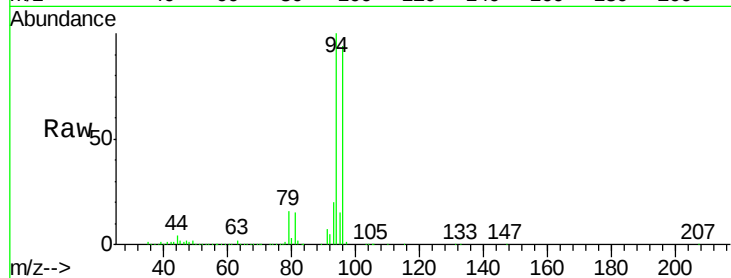
96 93.6 75.6 113.4

Manual Integrations

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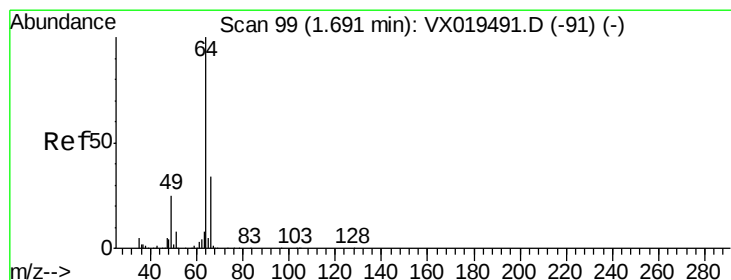
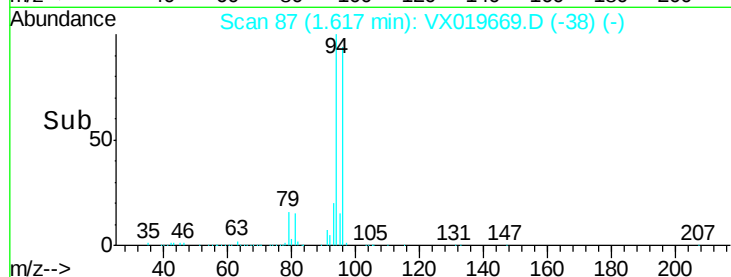
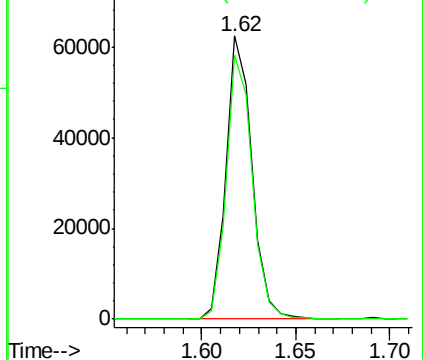
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 88.801 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019669.D

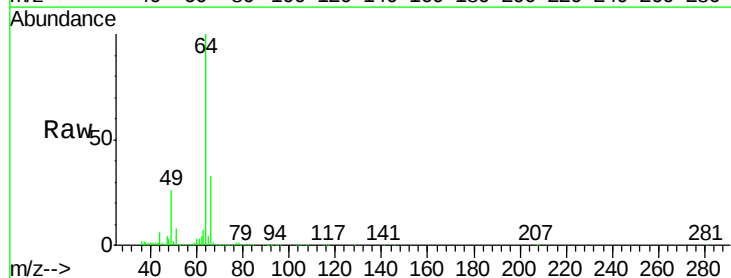
Acq: 30 Nov 2020 09:55

Tgt Ion: 64 Resp: 74779

Ion Ratio Lower Upper

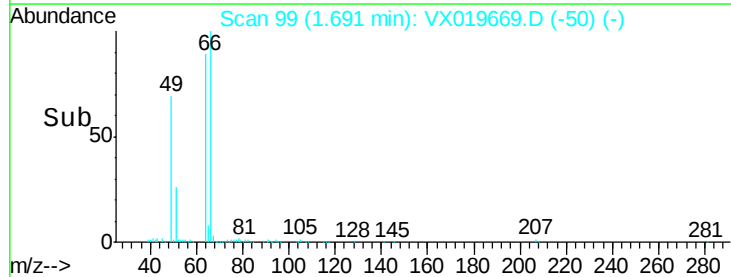
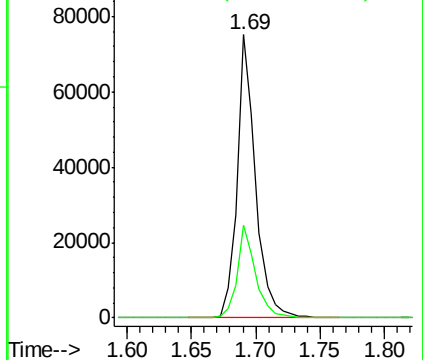
64 100

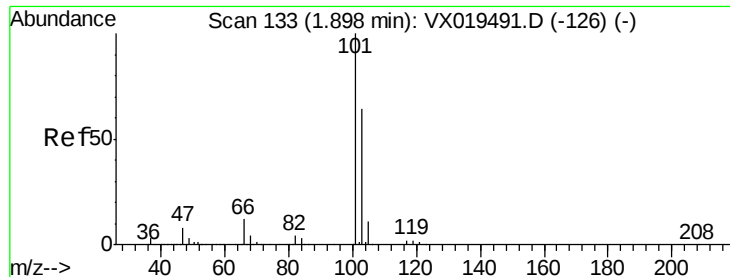
66 32.5 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

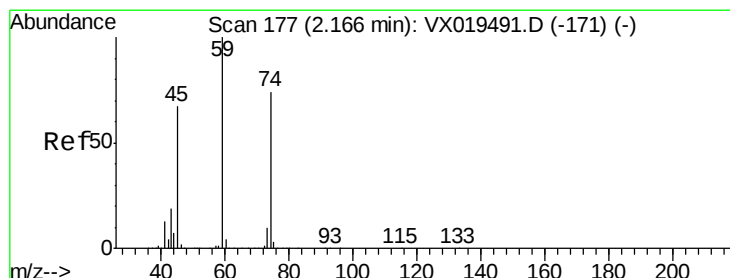
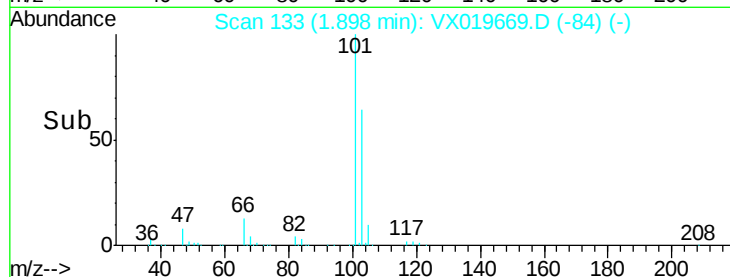
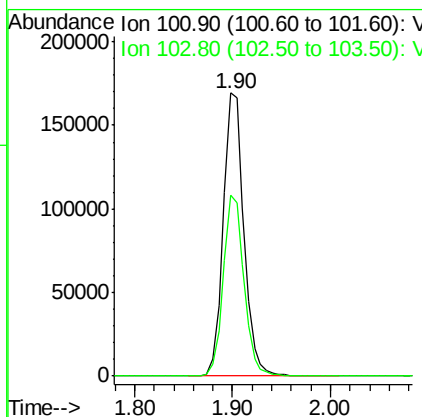
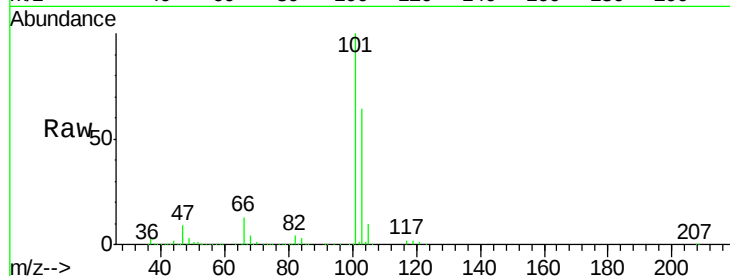
Trichlorofluoromethane
Concen: 47.832 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.9	76.3

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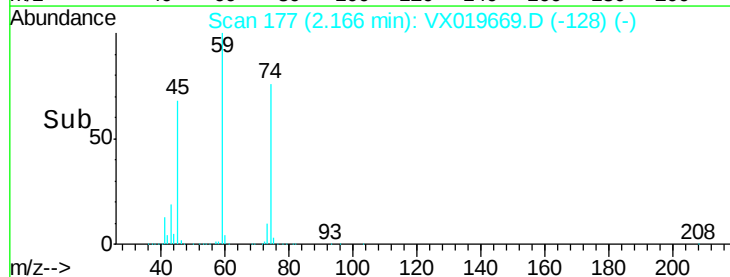
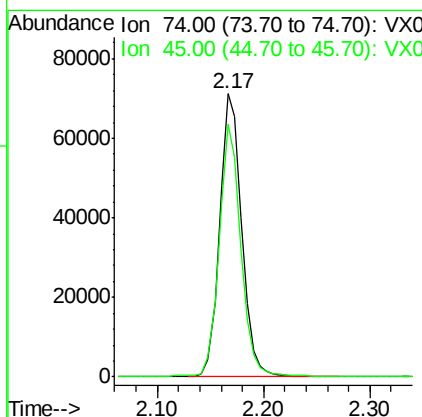
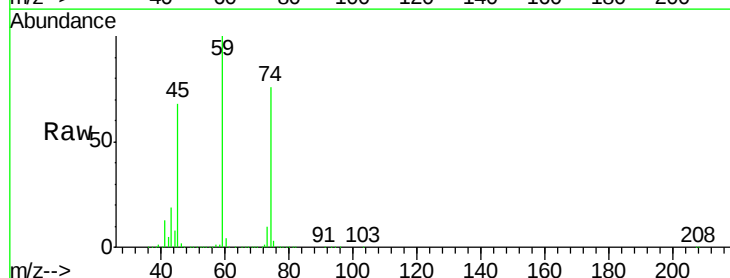
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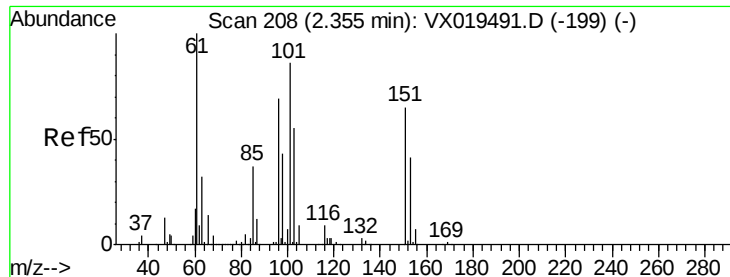


#8

Diethyl Ether
Concen: 49.452 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.7	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.436 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

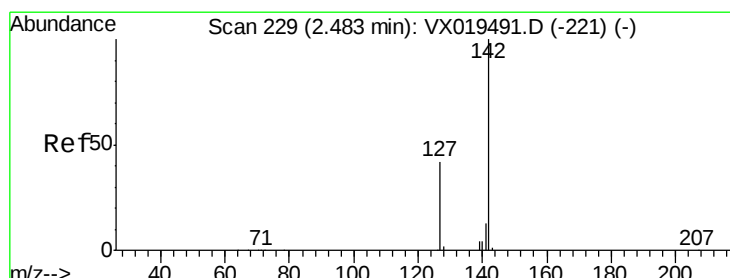
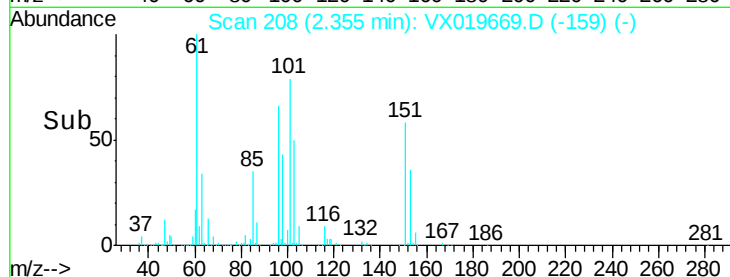
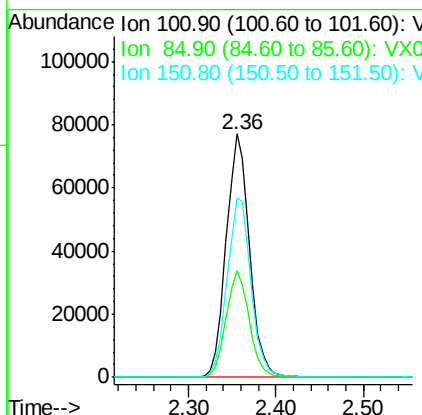
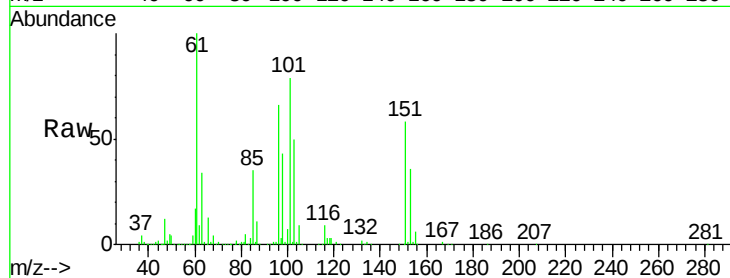
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	142886
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.9	50.9
151	75.7	60.9	91.3

Manual Integrations
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#10

Methyl Iodide

Concen: 50.211 ug/l

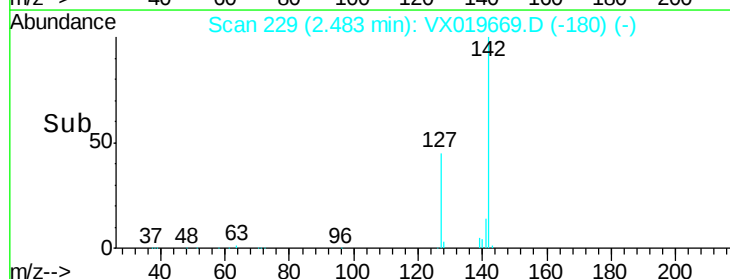
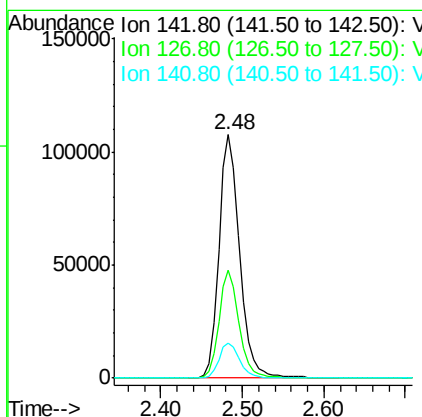
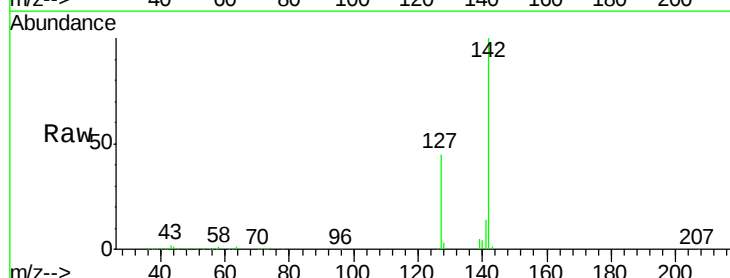
RT: 2.48 min Scan# 229

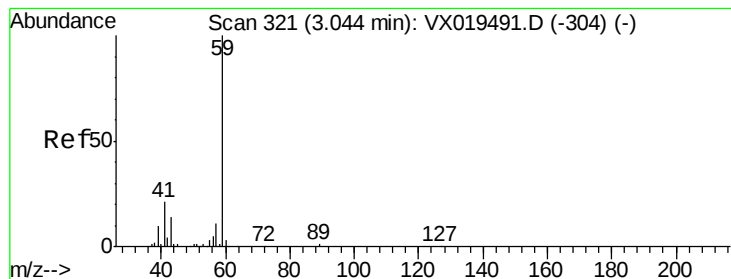
Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion:	142	Resp:	190656
Ion Ratio	Lower	Upper	
142	100		
127	43.0	33.8	50.6
141	14.3	11.0	16.6





#11

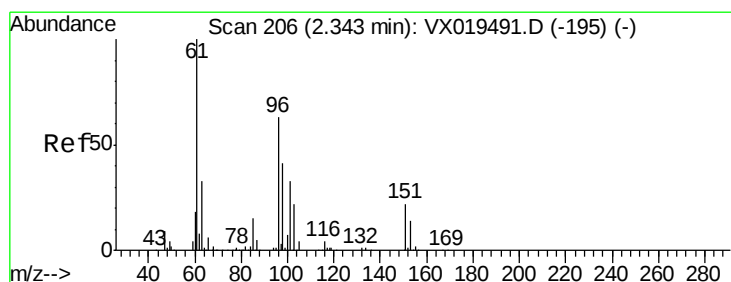
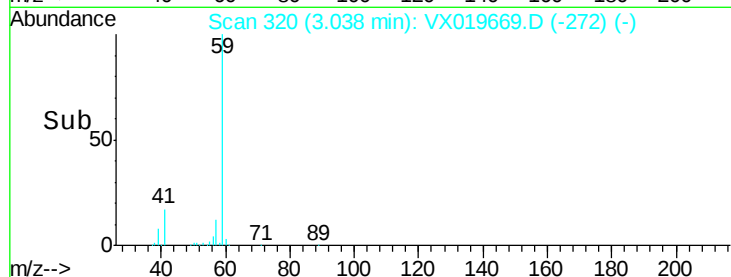
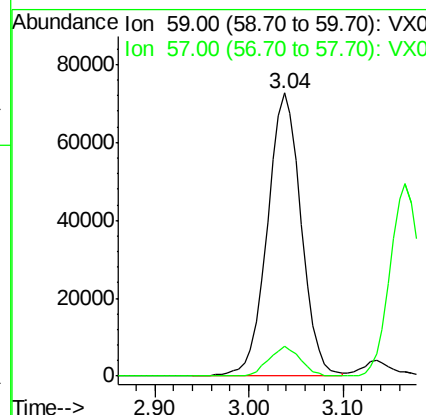
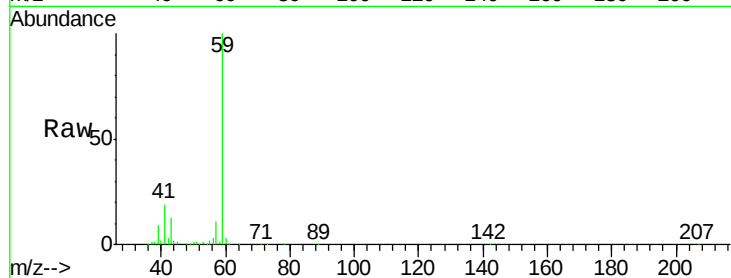
Tert butyl alcohol
Concen: 249.386 ug/l
RT: 3.04 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.9	11.9

Manual Integrations
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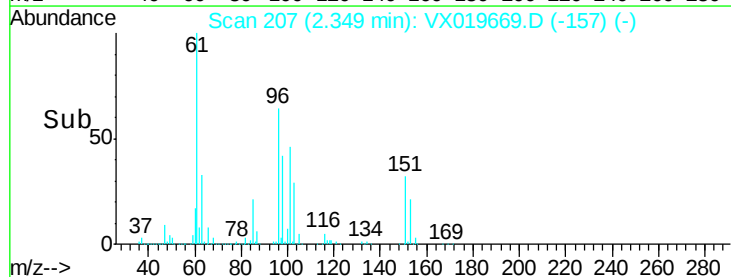
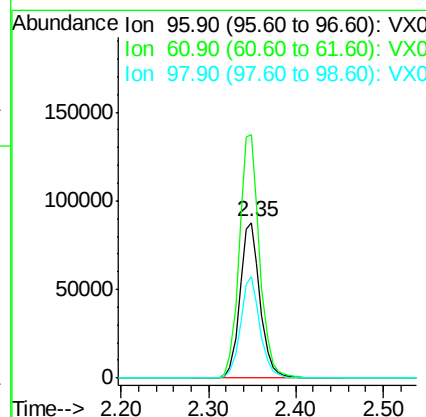
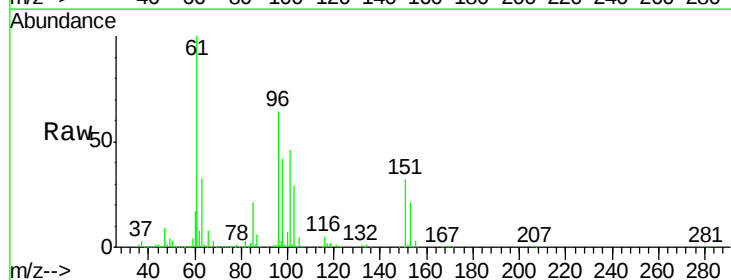
MMDadoda
12/1/2020 9:35:52 AM

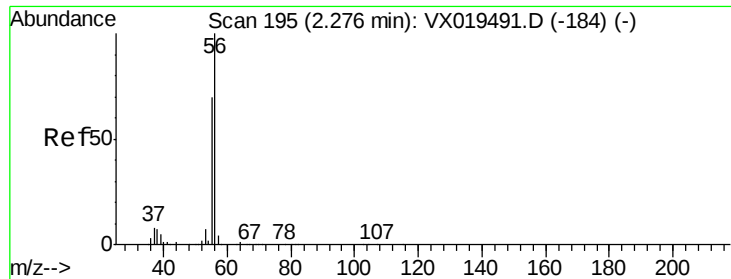


#12

1,1-Dichloroethene
Concen: 47.296 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.7	126.0	189.0
98	65.0	52.0	78.0





#13

Acrolein

Concen: 170.016 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 83796

Ion Ratio Lower Upper

56 100

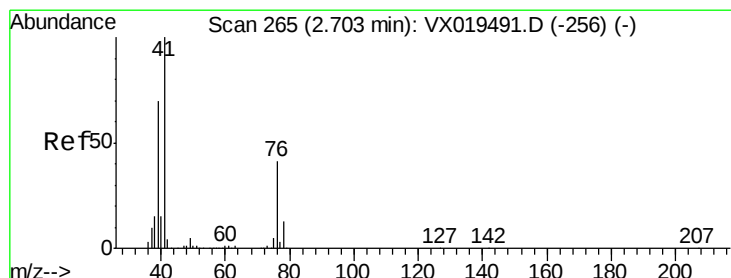
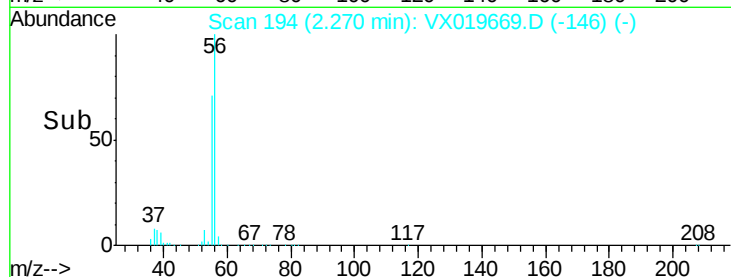
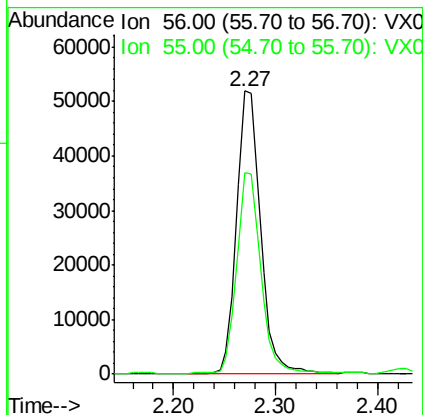
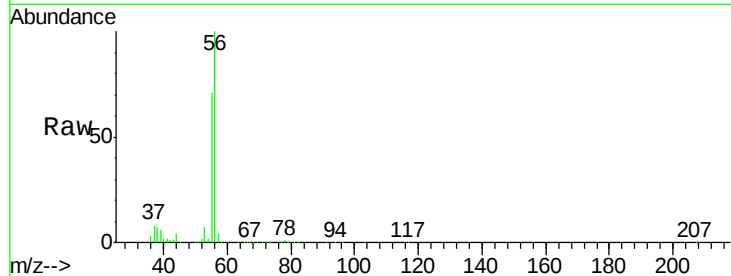
55 71.4 55.5 83.3

Manual Integrations

APPROVED

MMDadoda

12/1/2020 9:35:52 AM



#14

Allyl chloride

Concen: 50.301 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

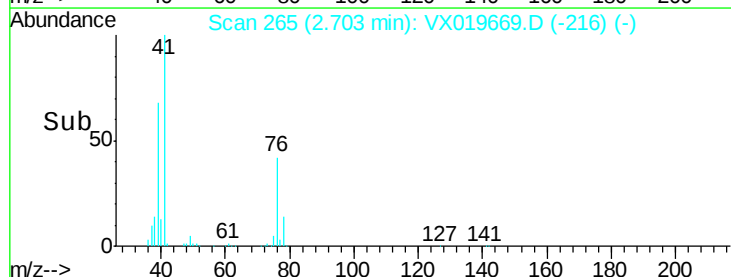
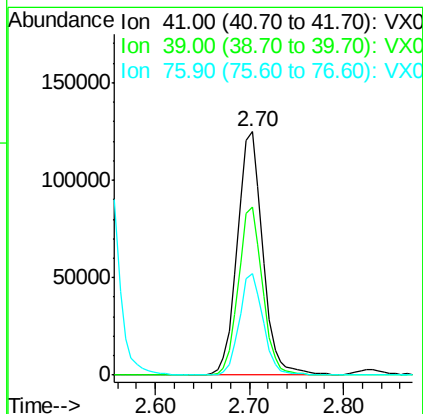
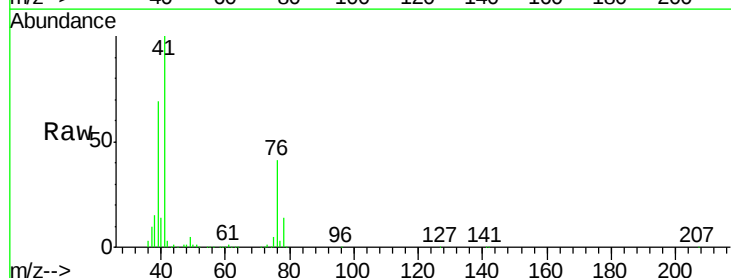
Tgt Ion: 41 Resp: 233769

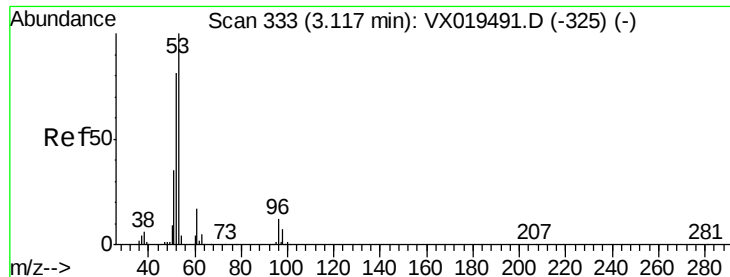
Ion Ratio Lower Upper

41 100

39 65.8 53.0 79.4

76 39.0 31.0 46.6





#15

Acrylonitrile

Concen: 249.852 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

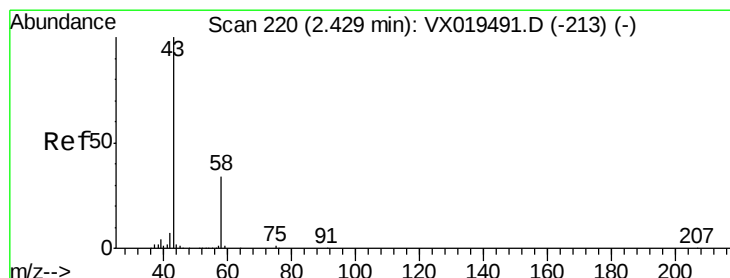
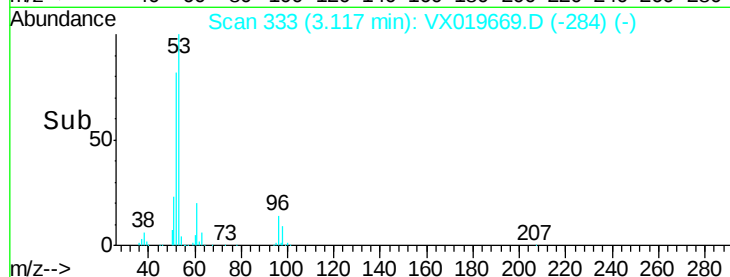
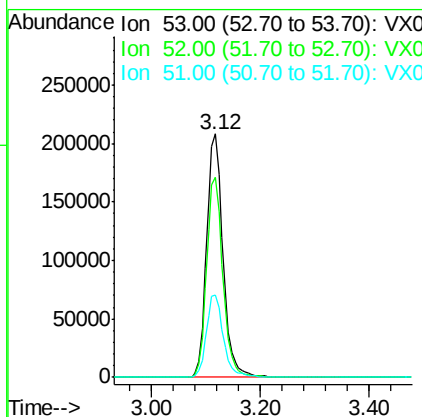
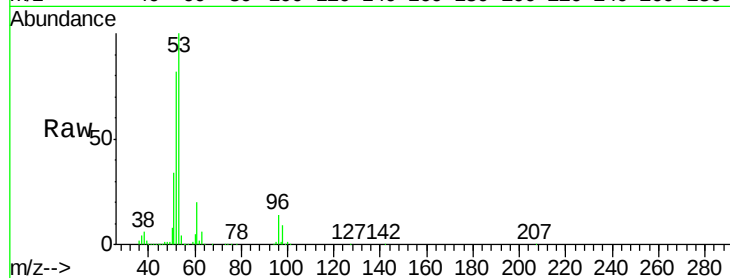
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	432044
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.2	99.2
51	34.8	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 324.730 ug/l

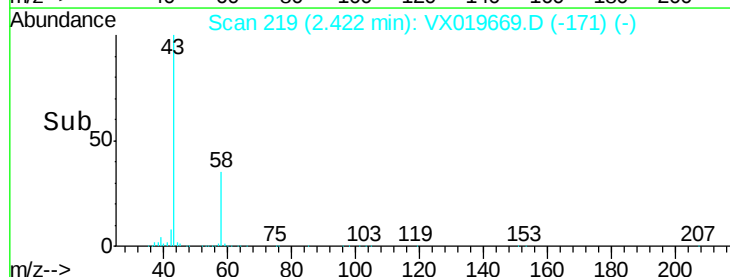
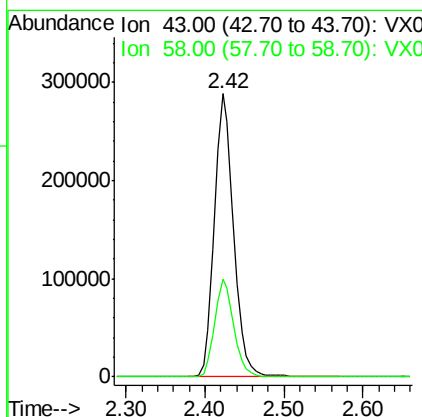
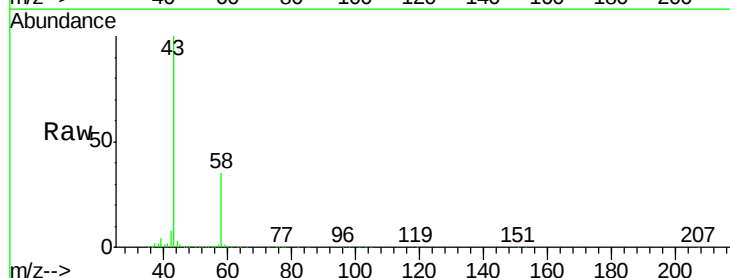
RT: 2.42 min Scan# 219

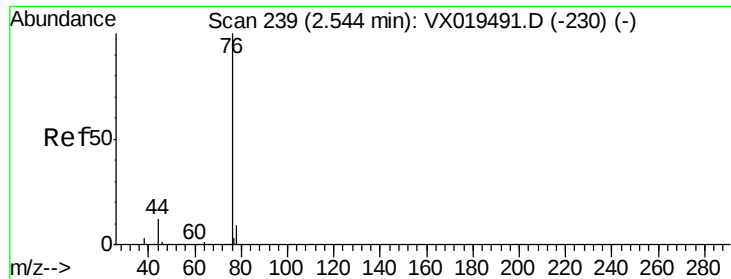
Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion:	43	Resp:	486538
Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.4	41.2





#17

Carbon Disulfide

Concen: 47.200 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 376176

Ion Ratio Lower Upper

76 100

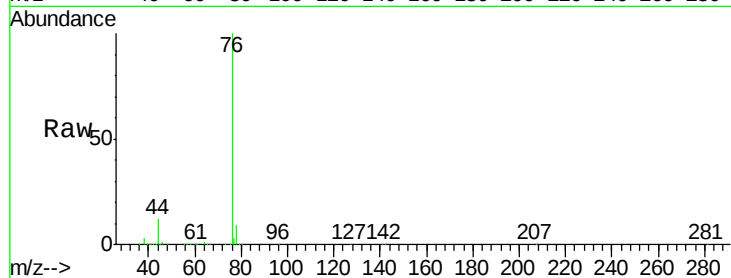
78 9.3 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

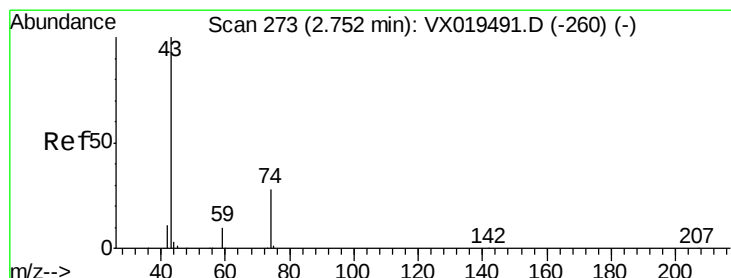
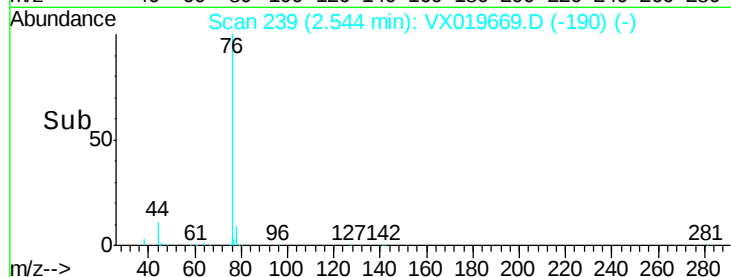
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 50.947 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019669.D

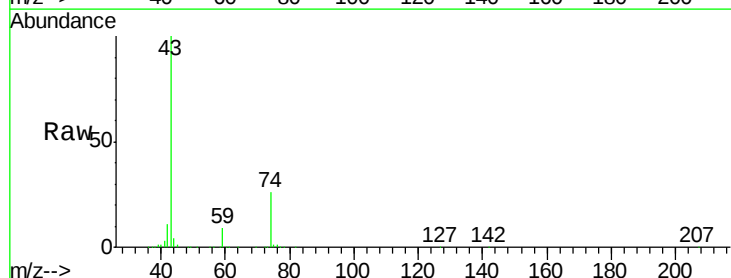
Acq: 30 Nov 2020 09:55

Tgt Ion: 43 Resp: 187204

Ion Ratio Lower Upper

43 100

74 28.1 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

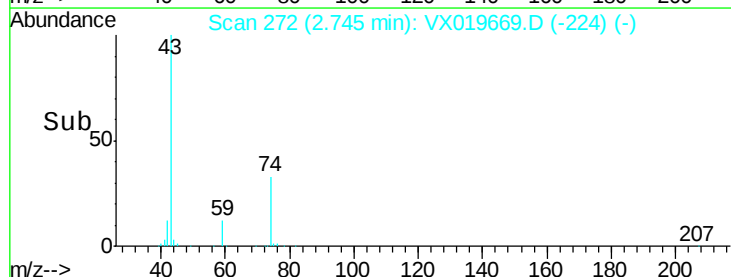
40000

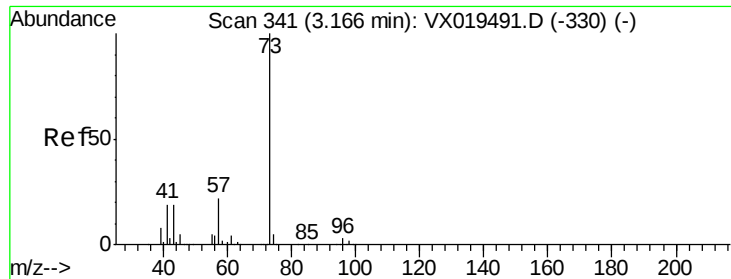
20000

0

2.70 2.80

Time-->





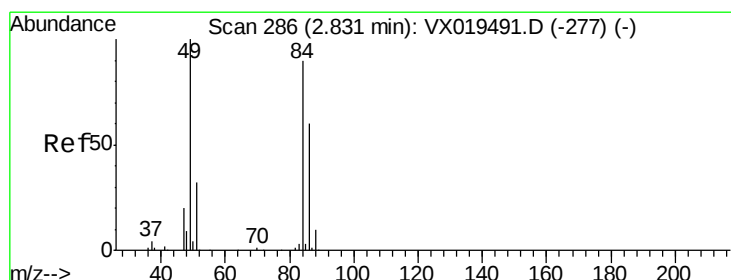
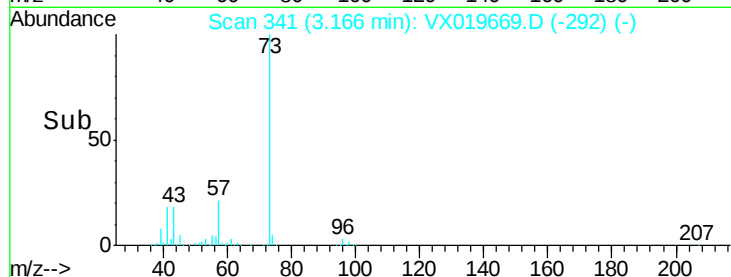
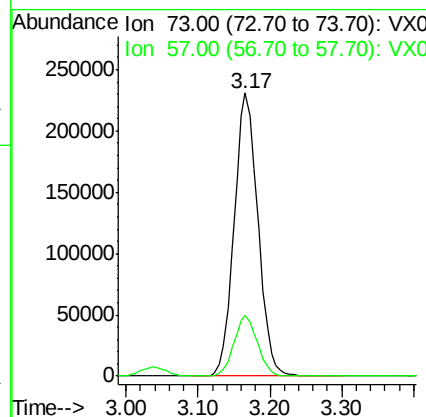
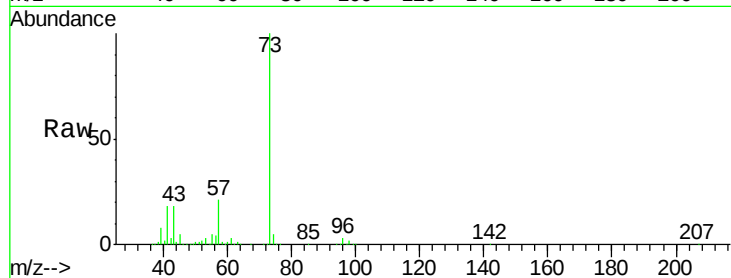
#19
Methyl tert-butyl Ether
Concen: 51.826 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.3	25.9

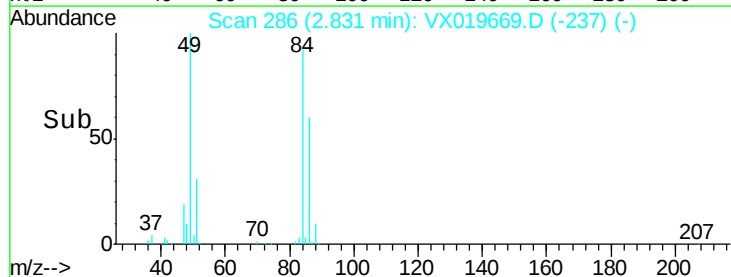
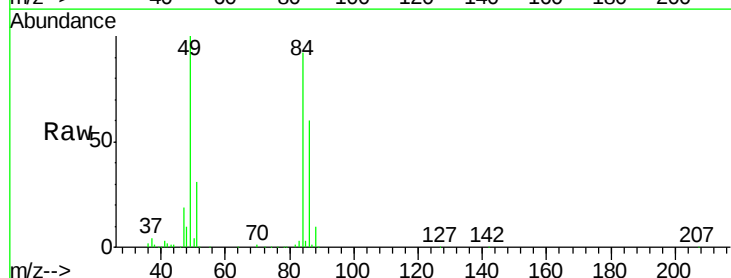
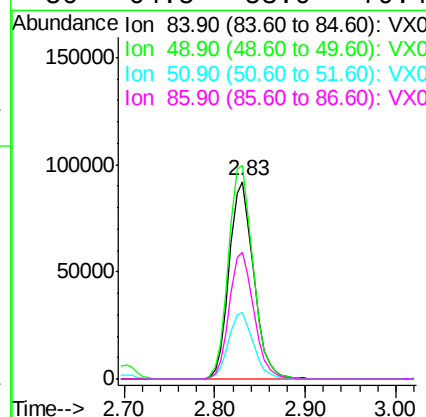
Manual Integrations
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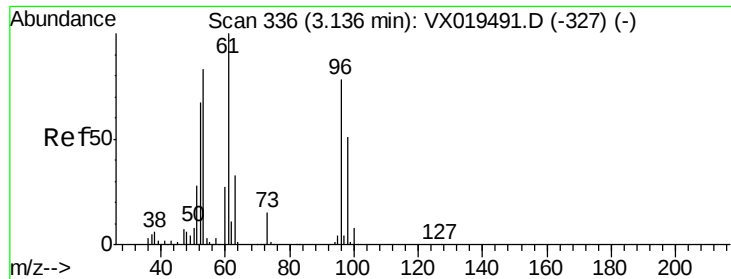
MMDadoda
12/1/2020 9:35:52 AM



#20
Methylene Chloride
Concen: 46.329 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.2	88.5	132.7
51	33.8	28.0	42.0
86	64.5	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 49.360 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

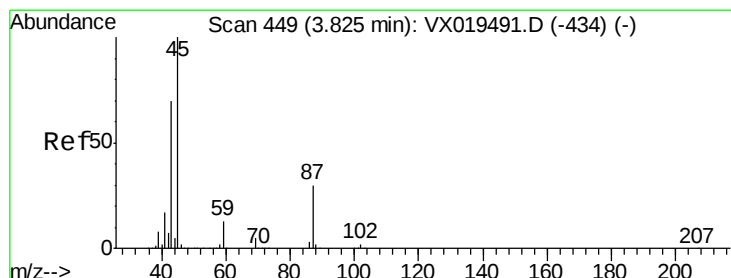
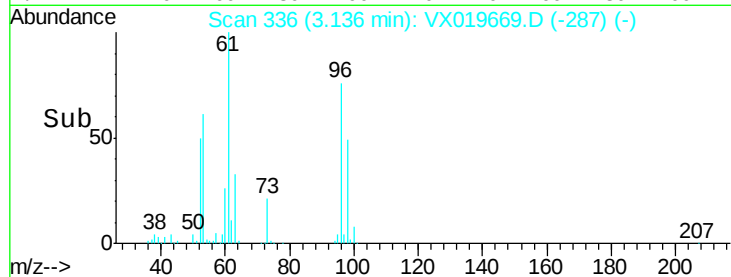
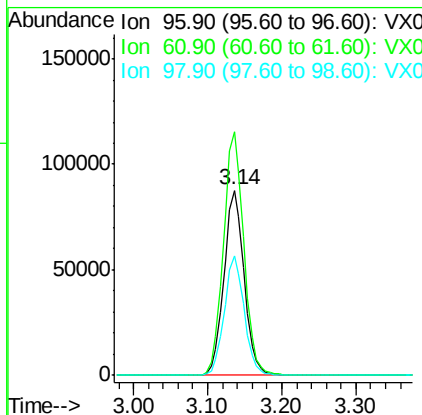
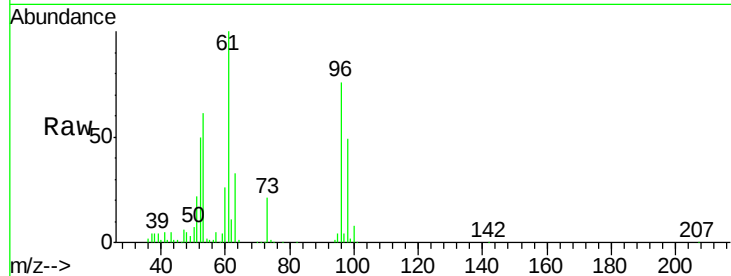
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	165905
Ion	Ratio	Lower	Upper
96	100		
61	131.5	102.9	154.3
98	64.5	52.1	78.1

Manual Integrations
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MMDadoda
12/1/2020 9:35:52 AM



#22

Diisopropyl ether

Concen: 50.690 ug/l

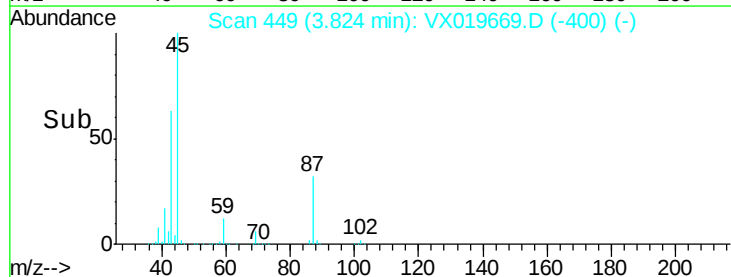
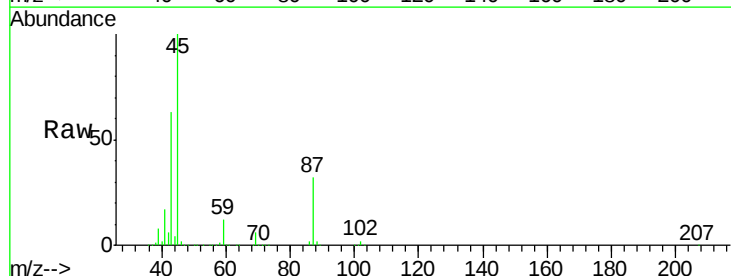
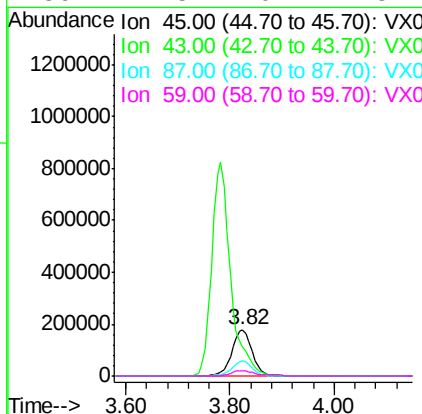
RT: 3.82 min Scan# 449

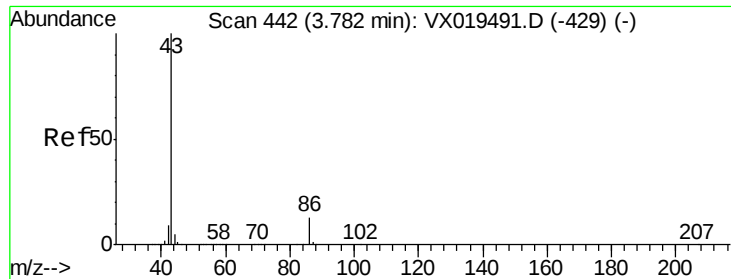
Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion:	45	Resp:	487339
Ion	Ratio	Lower	Upper
45	100		
43	62.5	56.1	84.1
87	32.1	24.2	36.2
59	12.5	10.2	15.2





#23

Vinyl Acetate

Concen: 258.820 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2087160

Ion Ratio Lower Upper

43 100

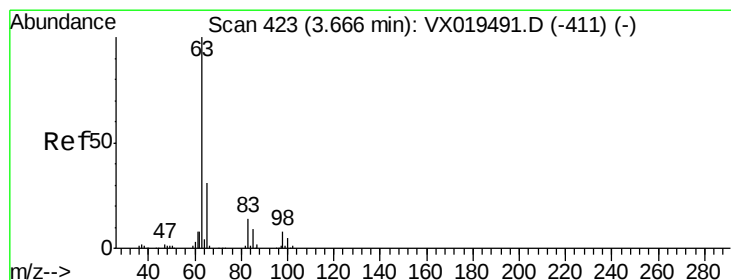
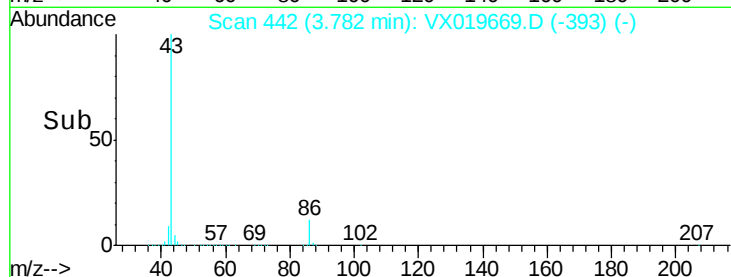
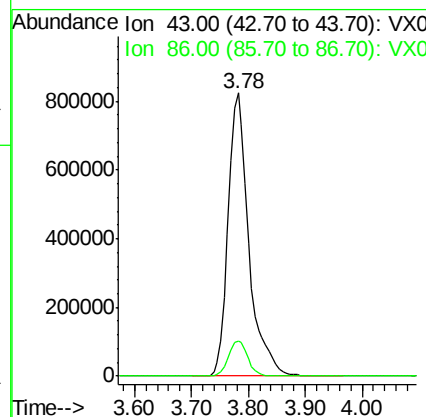
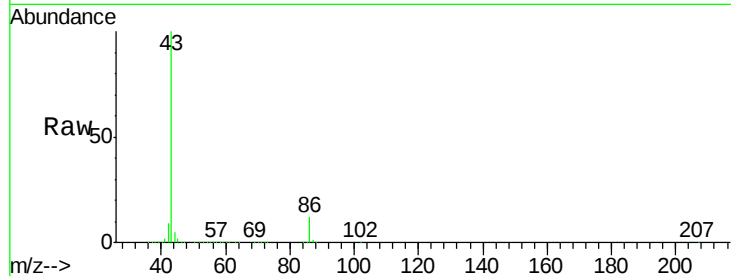
86 12.4 10.2 15.2

Manual Integrations

APPROVED

MMDadoda

12/1/2020 9:35:52 AM



#24

1,1-Dichloroethane

Concen: 49.675 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

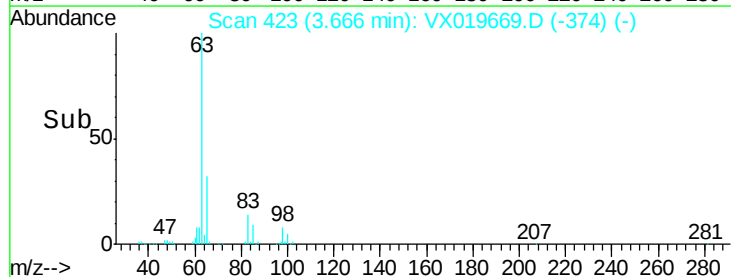
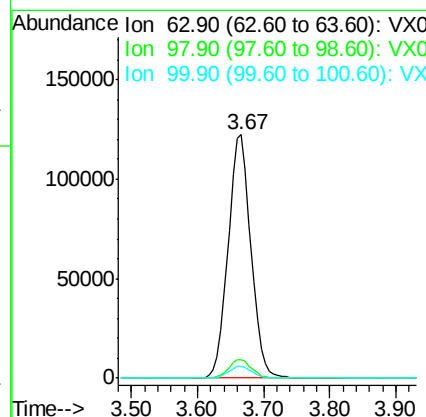
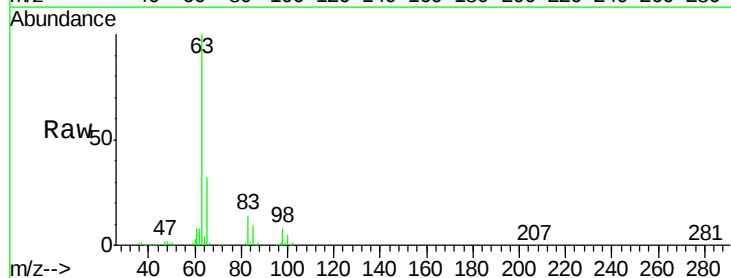
Tgt Ion: 63 Resp: 292110

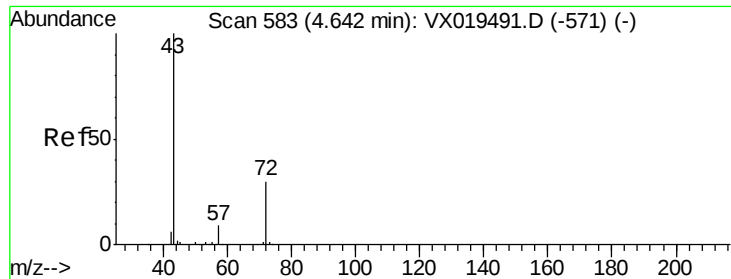
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 273.760 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 616154

Ion Ratio Lower Upper

43 100

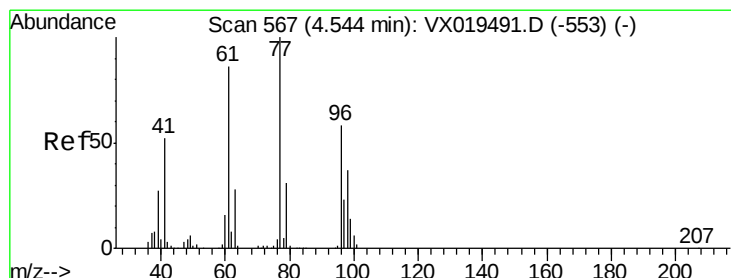
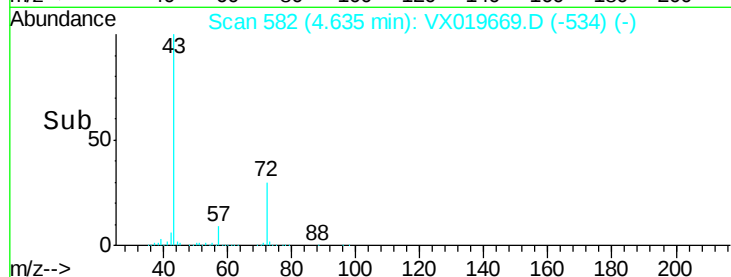
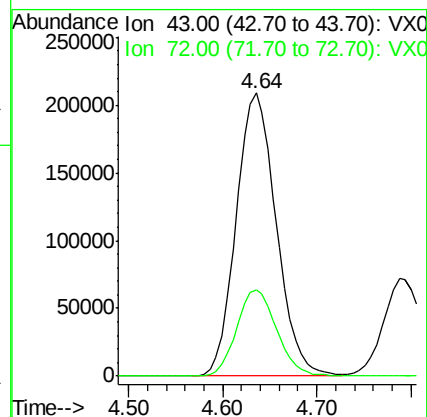
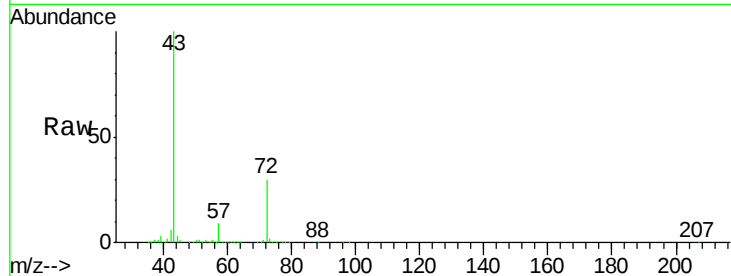
72 30.1 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.749 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019669.D

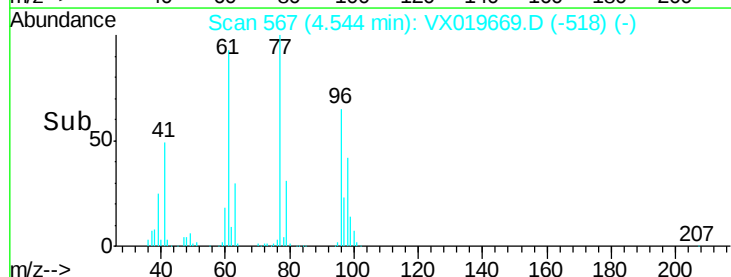
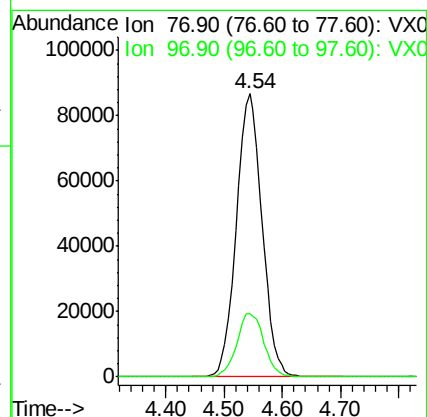
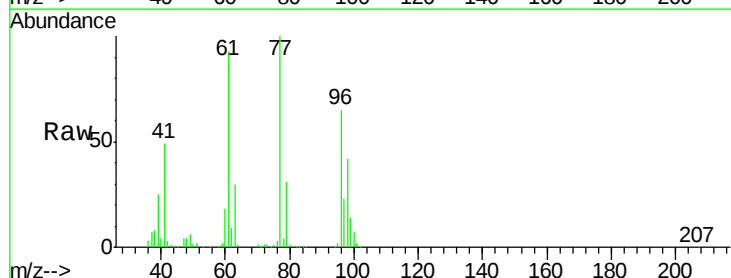
Acq: 30 Nov 2020 09:55

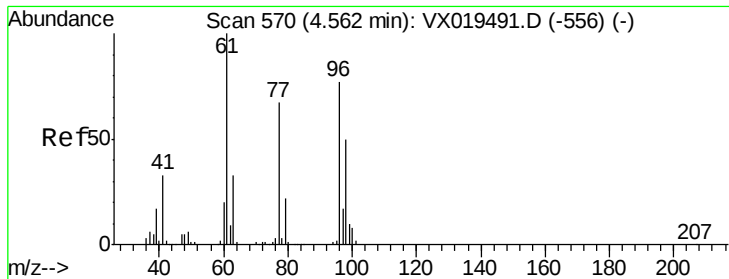
Tgt Ion: 77 Resp: 265618

Ion Ratio Lower Upper

77 100

97 23.6 11.6 34.8





#27

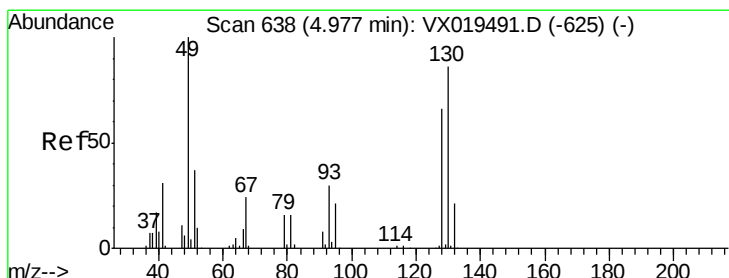
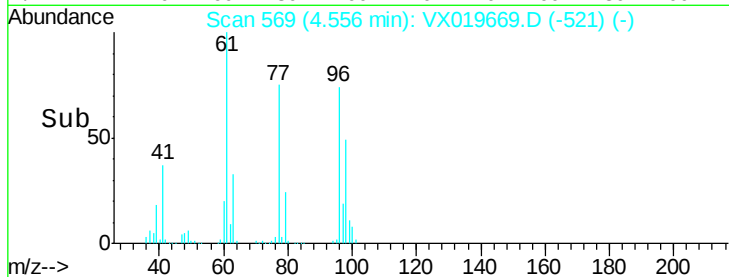
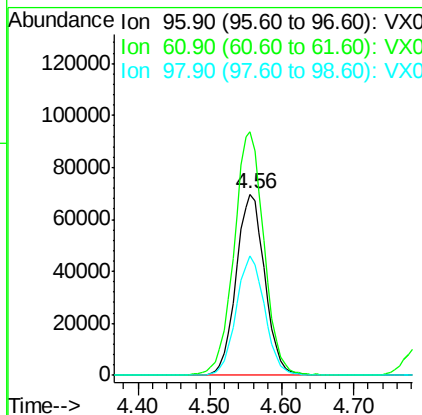
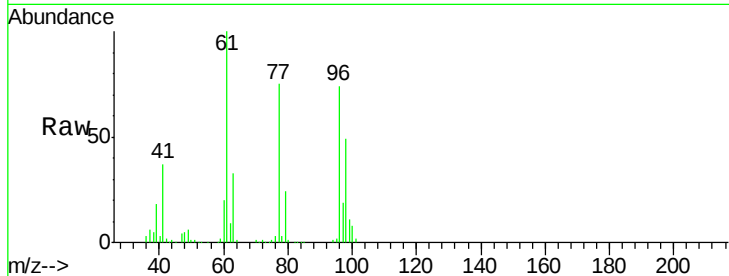
cis-1,2-Dichloroethene
Concen: 49.896 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	192644		
61	140.9	0.0	279.2	
98	65.4	0.0	129.8	

Manual Integrations
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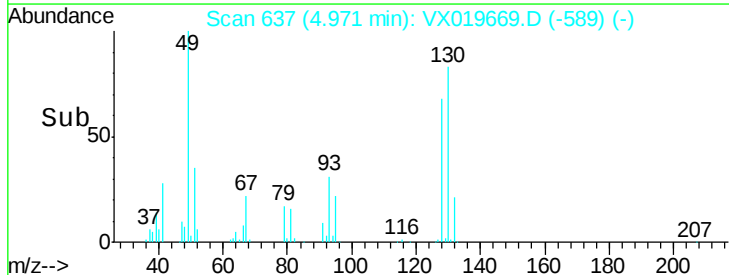
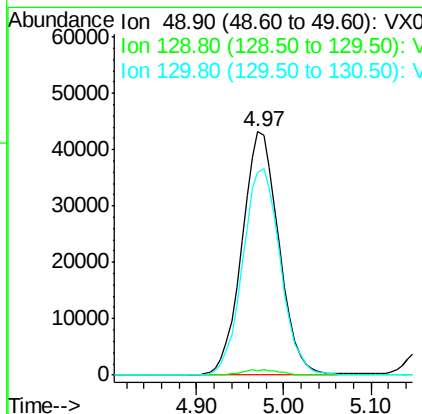
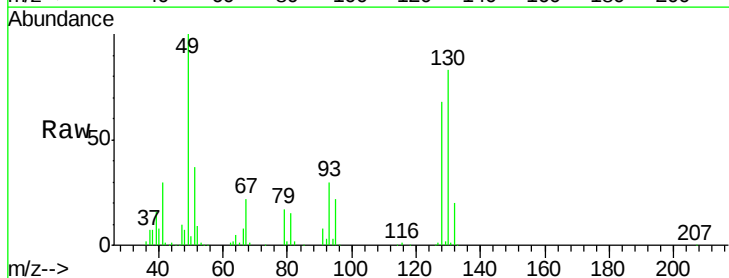
MMDadoda
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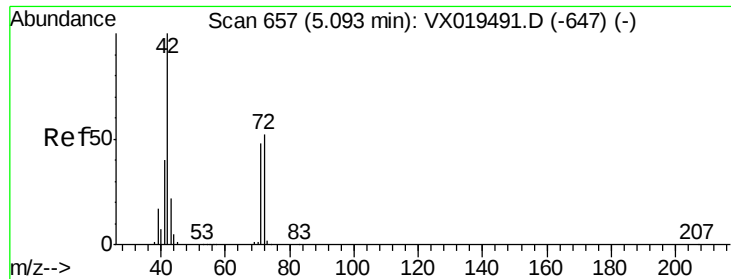


#28

Bromochloromethane
Concen: 45.076 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	126729		
129	2.3	0.0	4.2	
130	86.6	69.0	103.6	





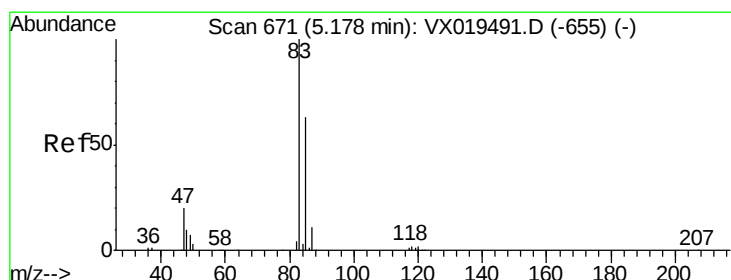
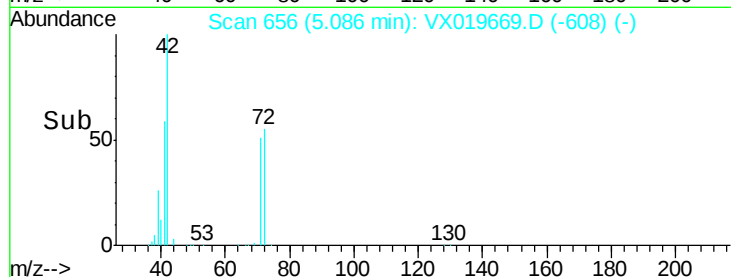
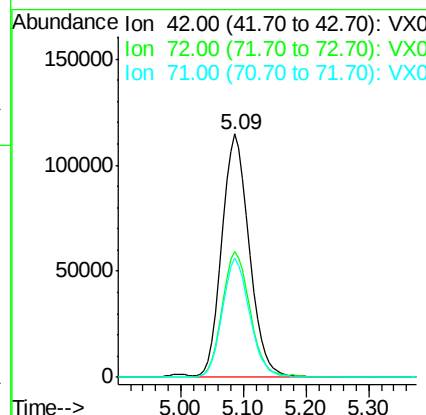
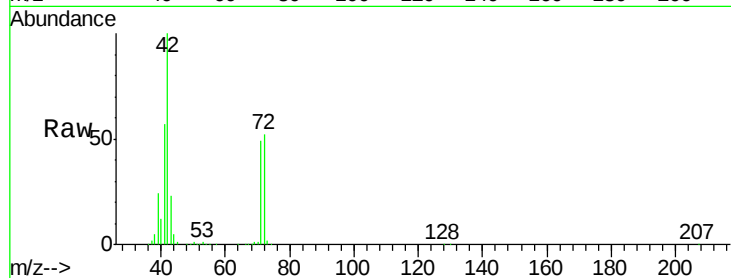
#29
Tetrahydrofuran
Concen: 241.625 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.8	42.6	63.8
71	48.6	39.0	58.6

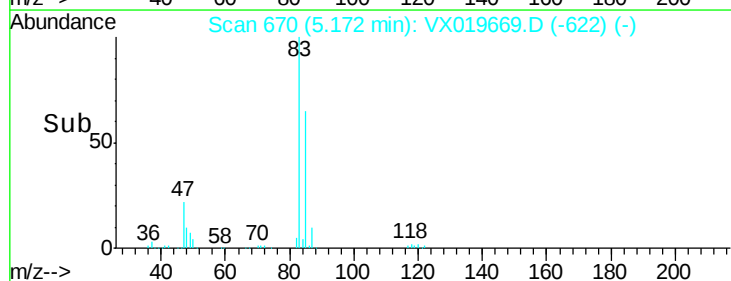
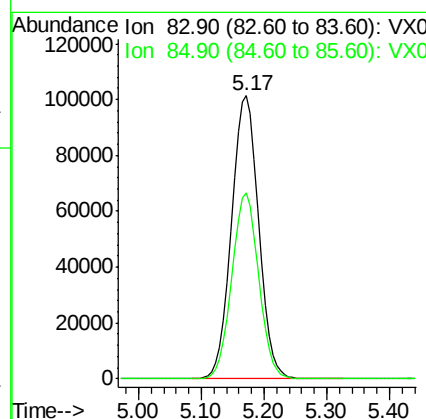
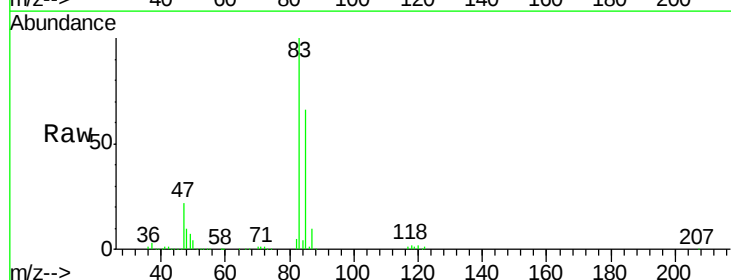
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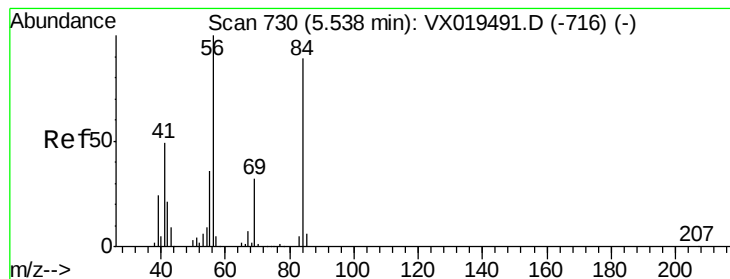
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#30
Chloroform
Concen: 49.407 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.5	75.7





#31

Cvclohexane

Concen: 48.511 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

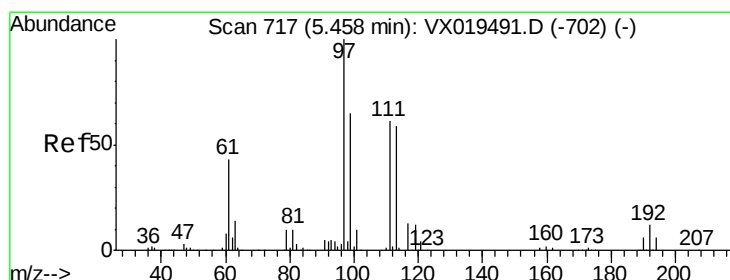
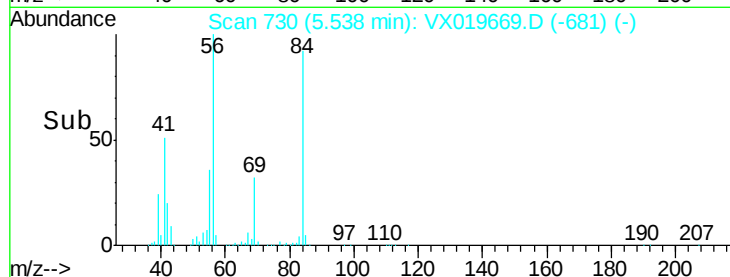
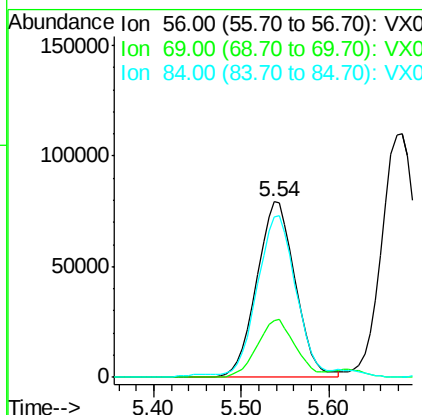
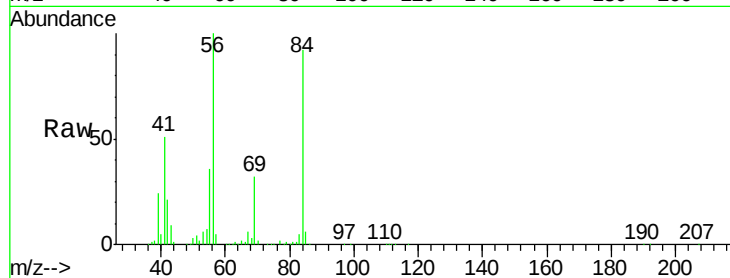
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	244452
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.5	38.3
84	90.5	71.1	106.7

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#32

1,1,1-Trichloroethane

Concen: 50.745 ug/l

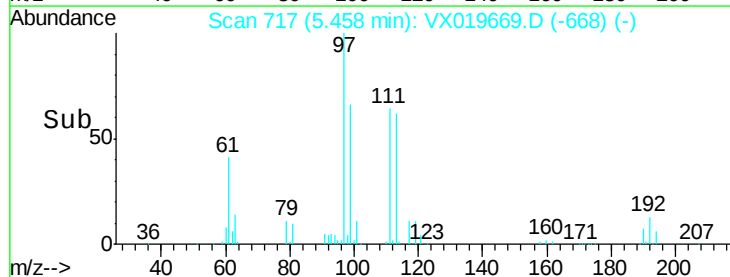
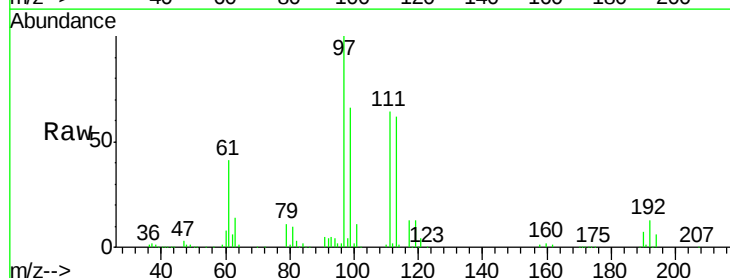
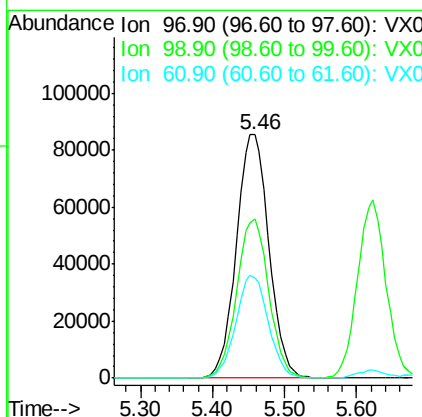
RT: 5.46 min Scan# 717

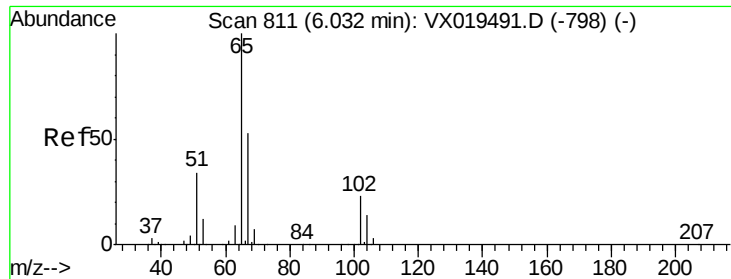
Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion:	97	Resp:	268028
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	42.1	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 47.139 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 182632

Ion Ratio Lower Upper

65 100

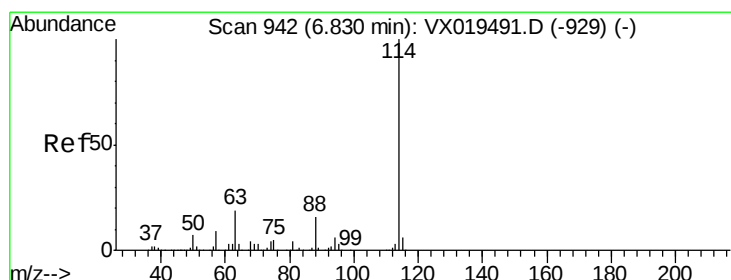
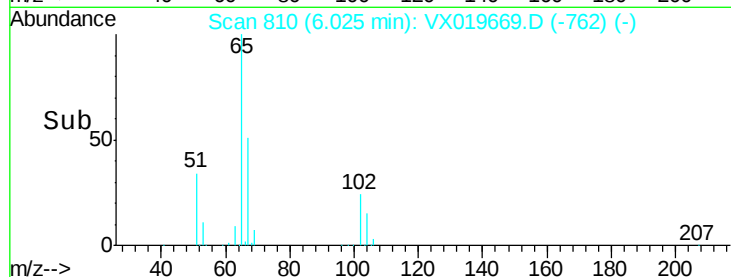
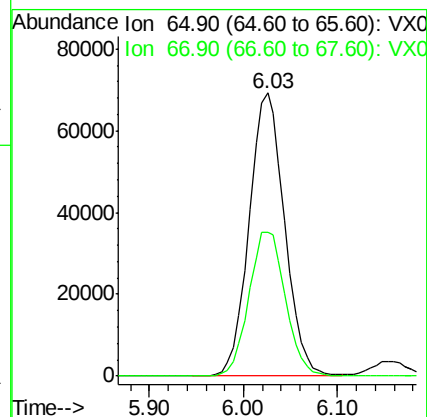
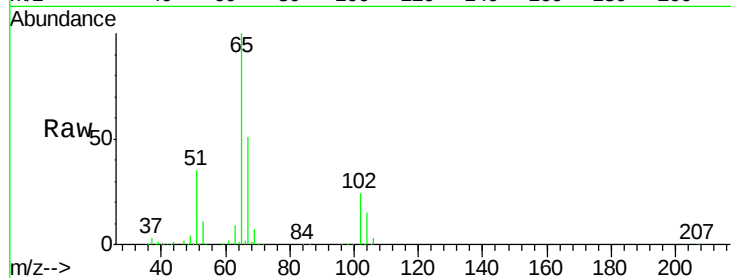
67 52.8 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

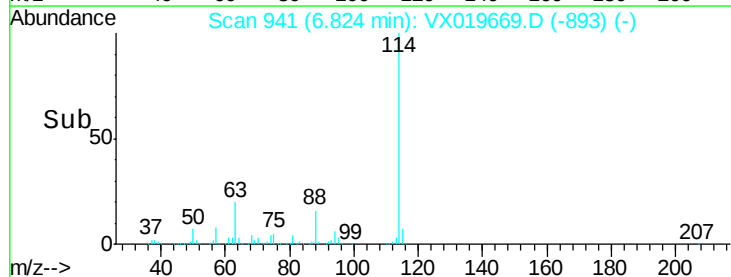
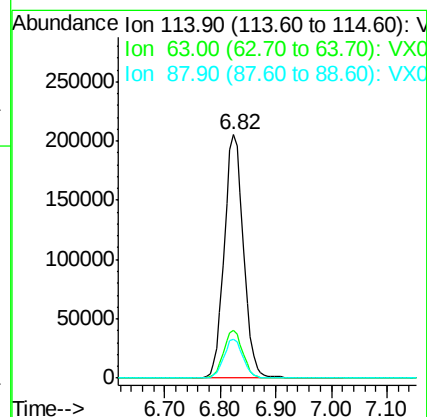
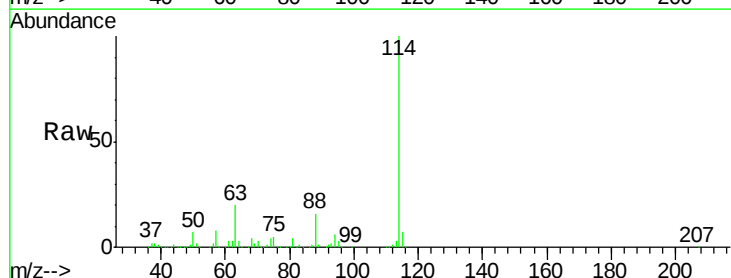
Tgt Ion: 114 Resp: 490444

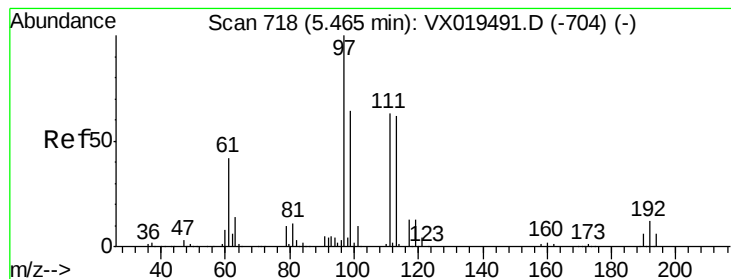
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.353 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

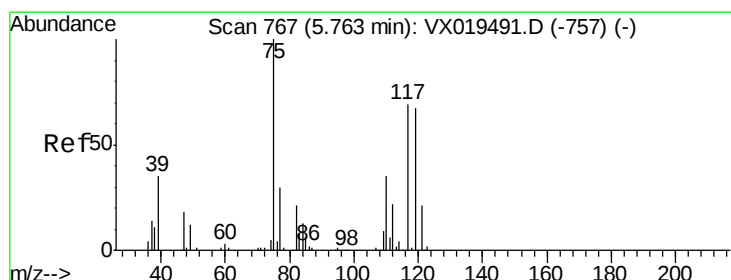
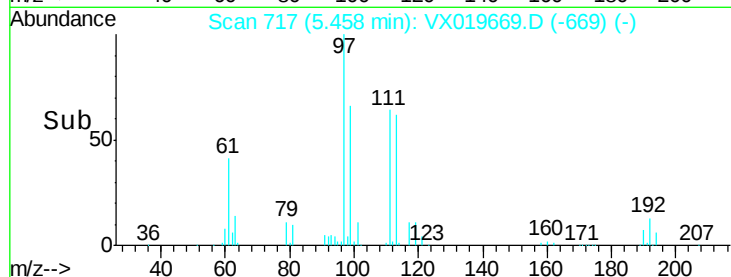
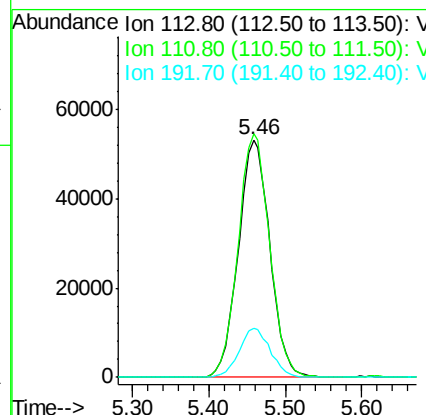
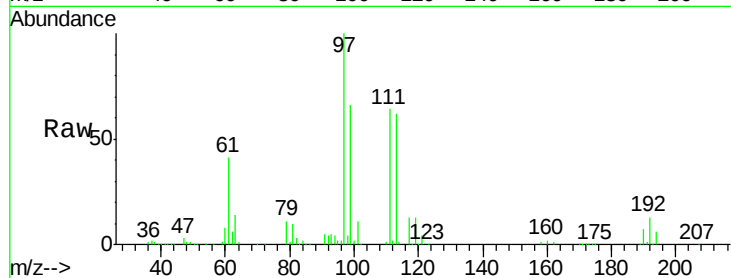
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	151935
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	20.6	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 48.448 ug/l

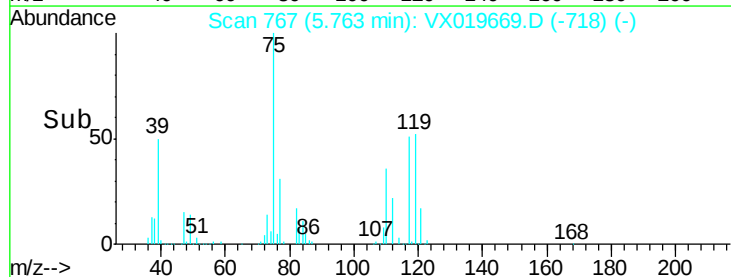
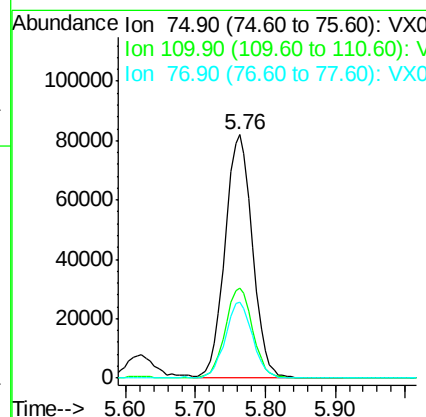
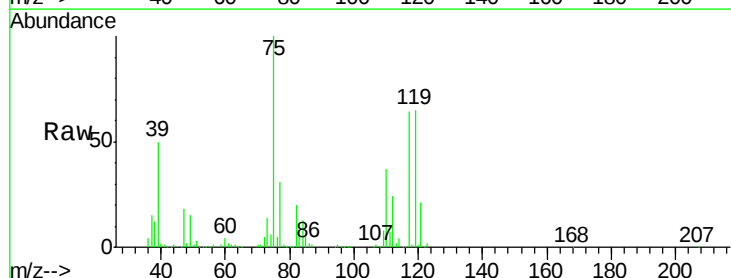
RT: 5.76 min Scan# 767

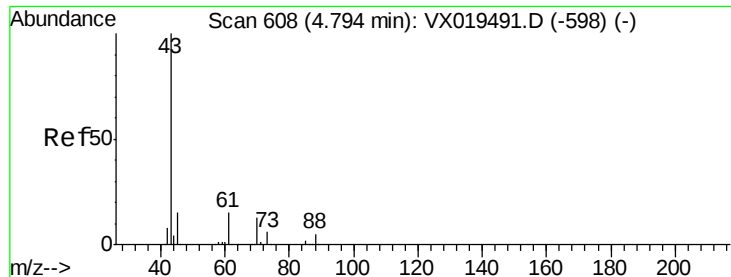
Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion:	75	Resp:	222759
Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.1	54.3
77	30.9	24.2	36.4





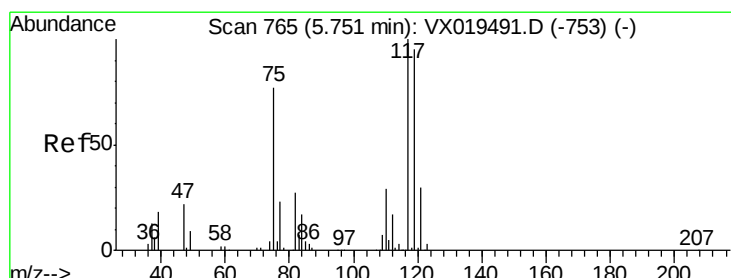
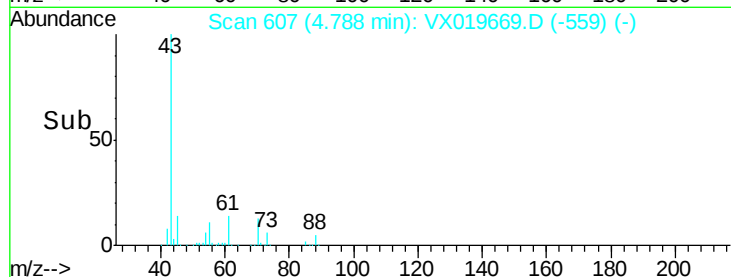
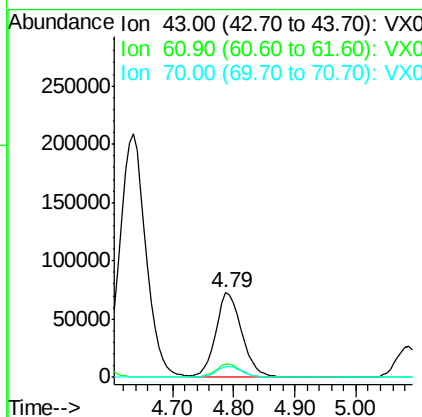
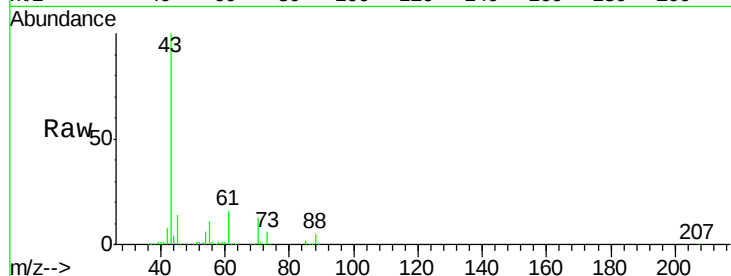
#37
Ethyl Acetate
Concen: 50.005 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.7	19.1
70	13.2	10.2	15.2

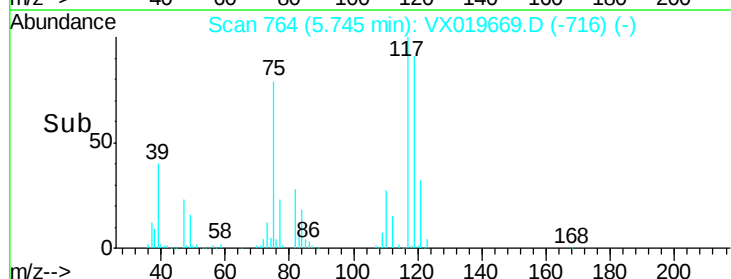
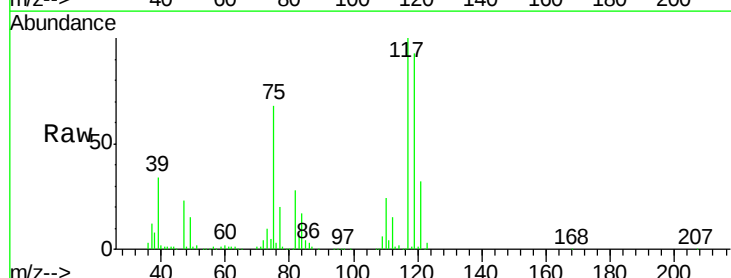
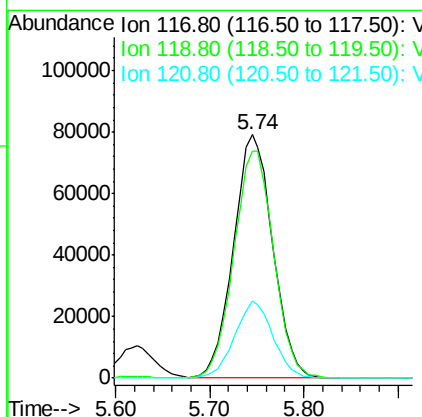
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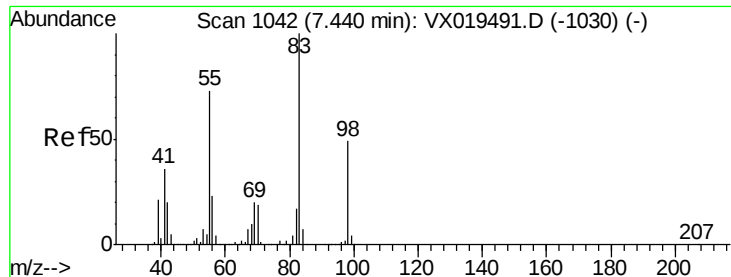
MMDadoda
12/1/2020 9:35:52 AM



#38
Carbon Tetrachloride
Concen: 51.623 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.9	113.9
121	31.7	24.0	36.0





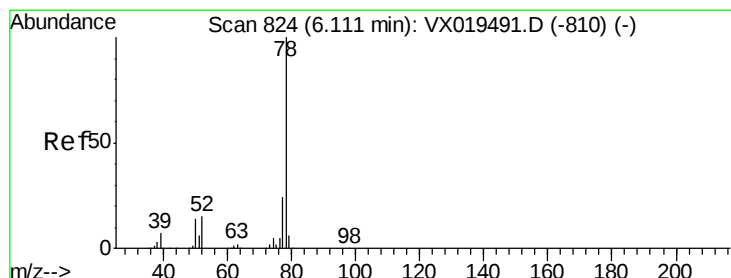
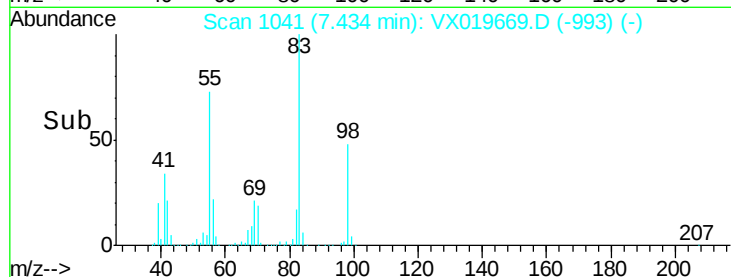
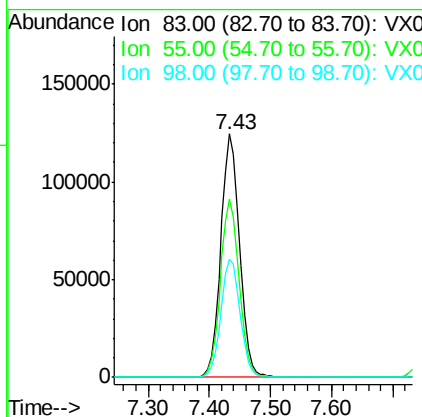
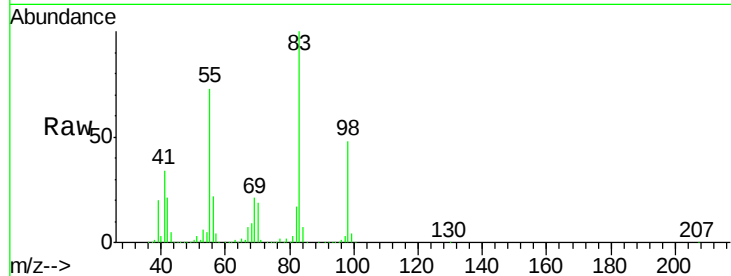
#39
Methvlcvclohexane
Concen: 49.663 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	58.3	87.5
98	48.3	38.9	58.3

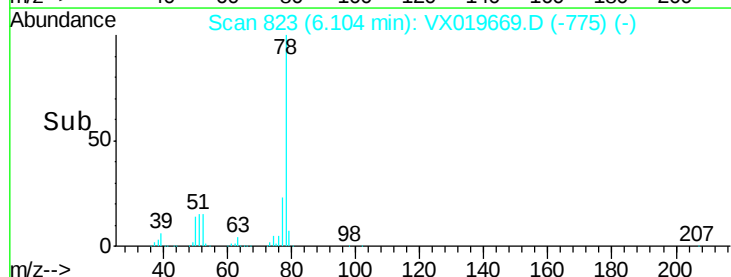
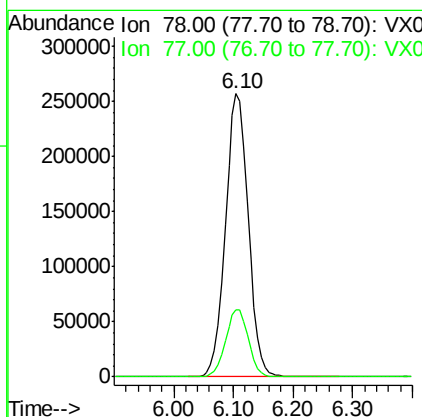
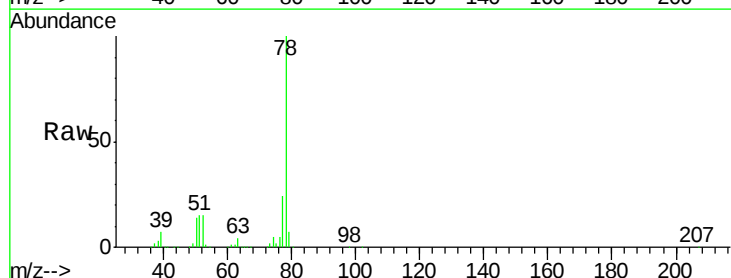
Manual Integrations
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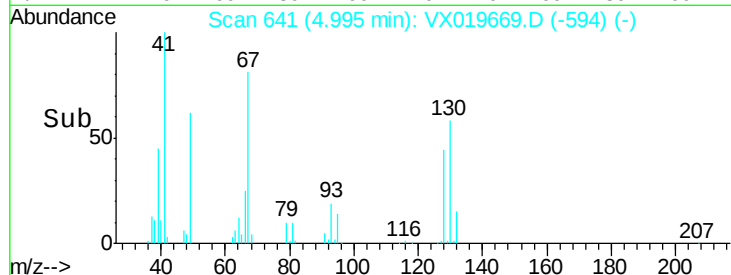
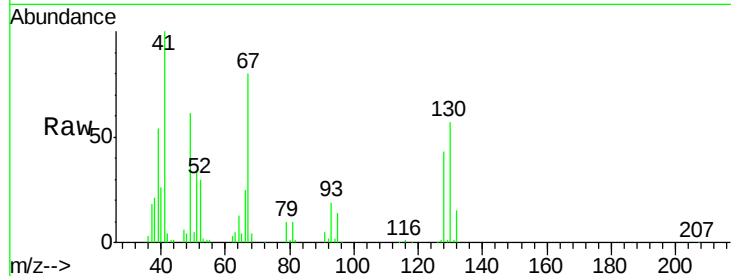
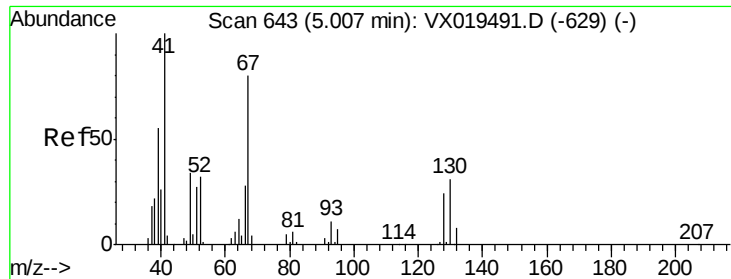
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#40
Benzene
Concen: 48.269 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

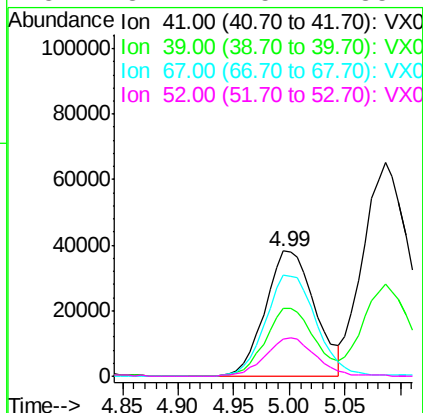
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3





#41
Methacrylonitrile
Concen: 49.716 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

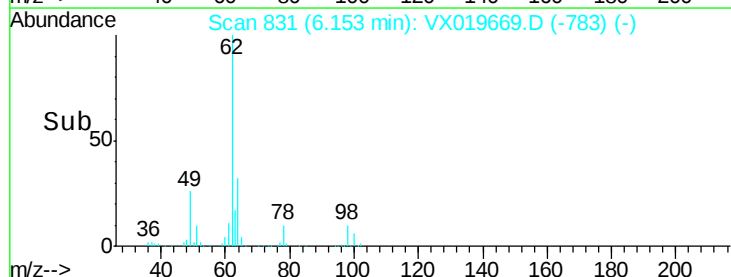
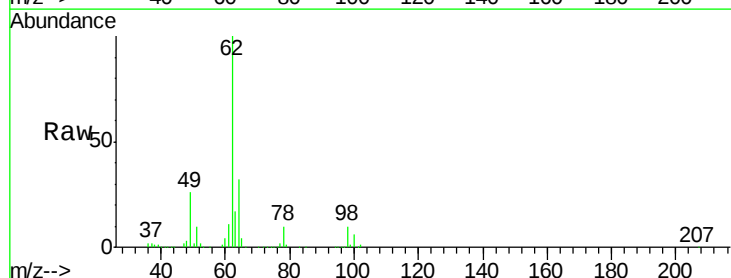
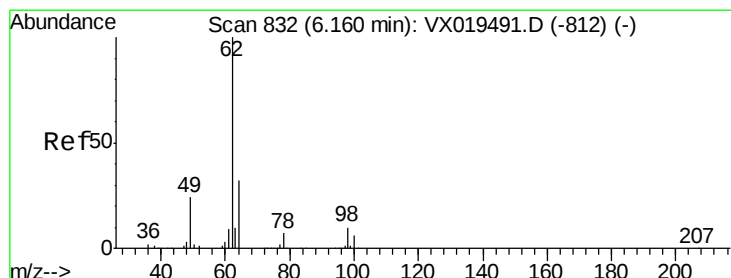
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.8	43.3	64.9		
67	83.1	66.0	99.0		
52	31.7	25.4	38.2		



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

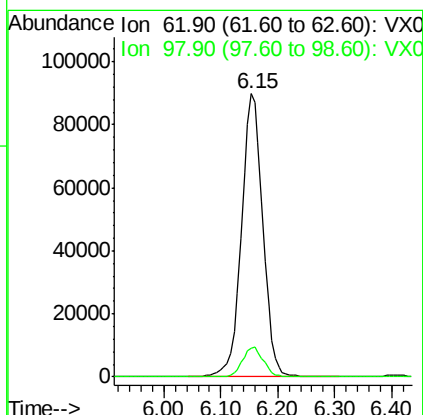
Manual Integrations
APPROVED

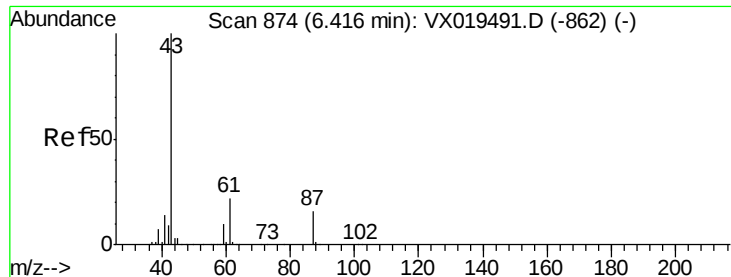
MMDadoda
12/1/2020 9:35:52 AM



#42
1,2-Dichloroethane
Concen: 48.602 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.1	0.0	20.0		





#43

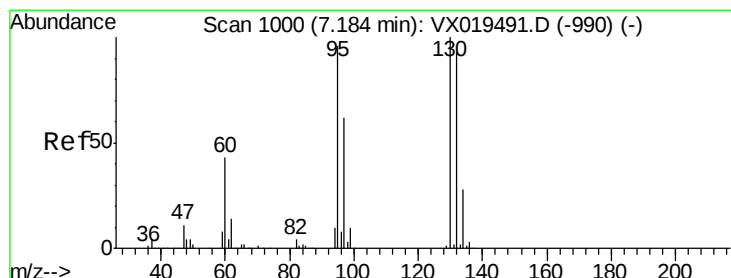
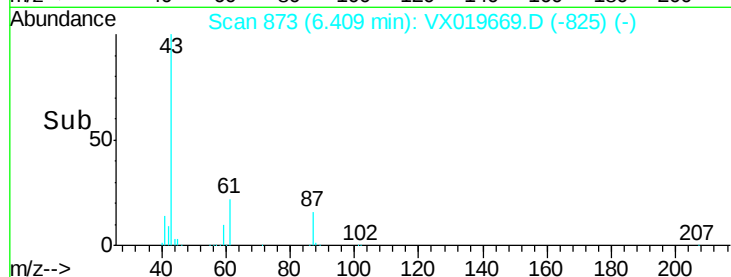
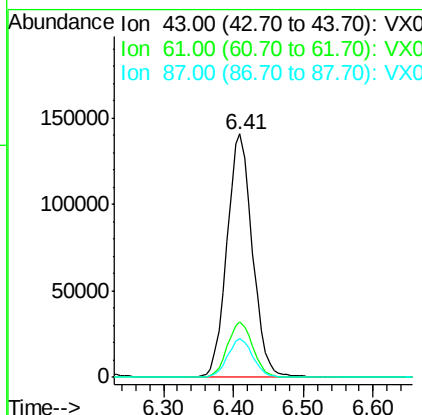
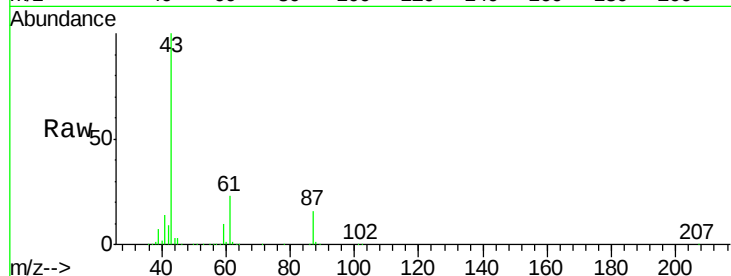
Isopropyl Acetate
 Concen: 48.788 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	15.8	12.6	18.8

Manual Integrations
 APPROVED

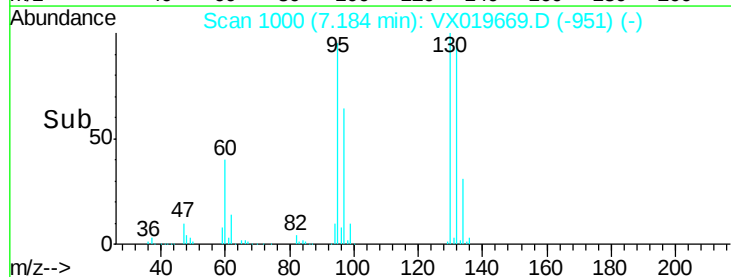
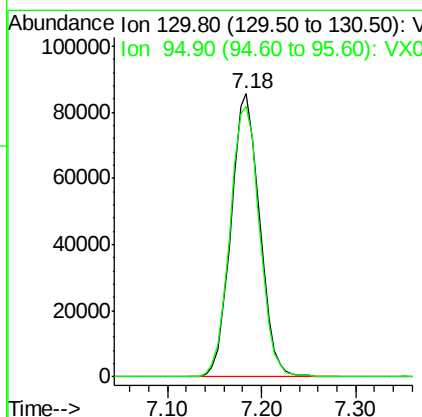
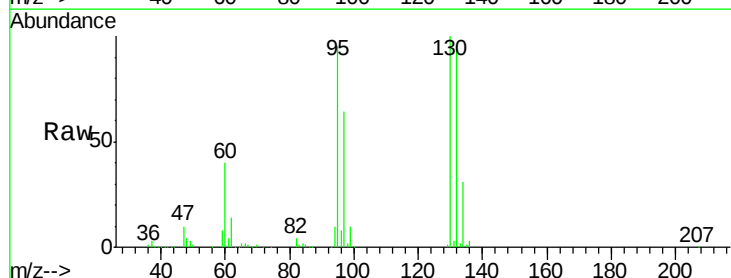
MMDadoda
 12/1/2020 9:35:52 AM

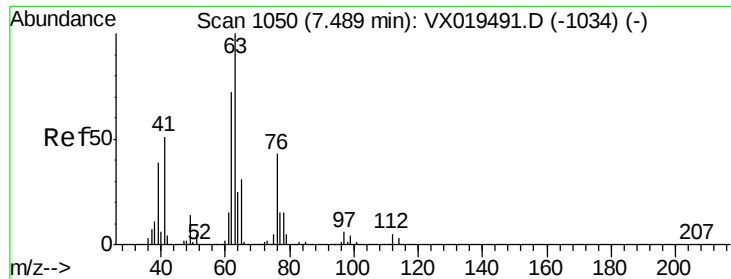


#44

Trichloroethene
 Concen: 48.982 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	191.2





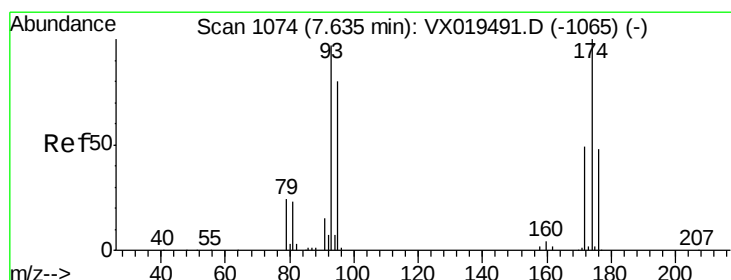
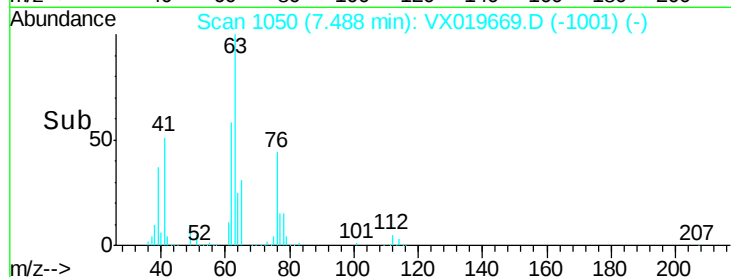
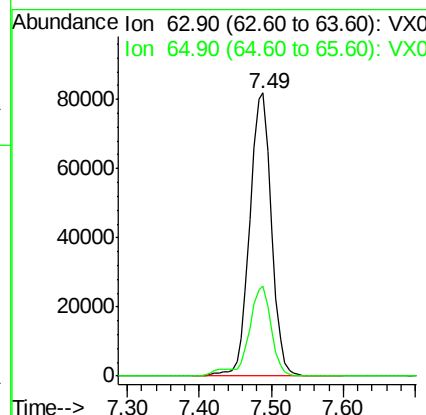
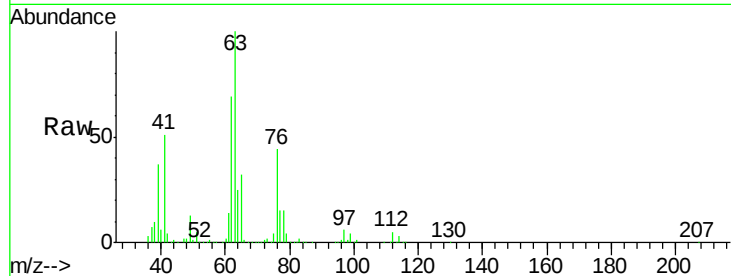
#45
 1,2-Dichloropropane
 Concen: 49.164 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.0	37.4

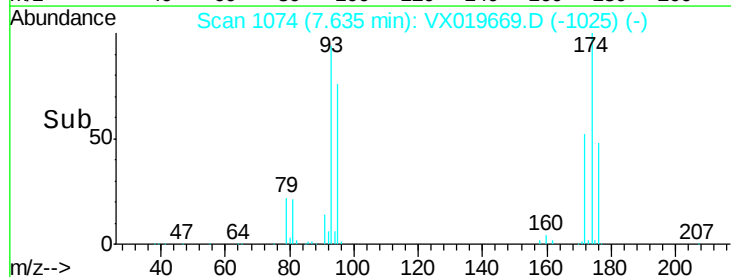
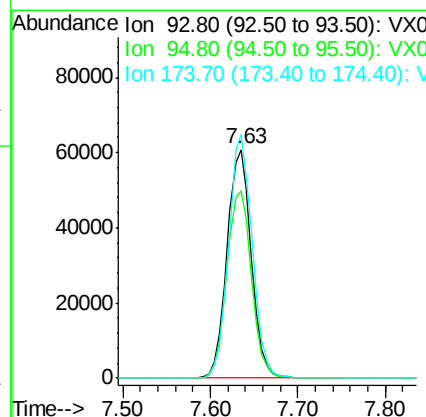
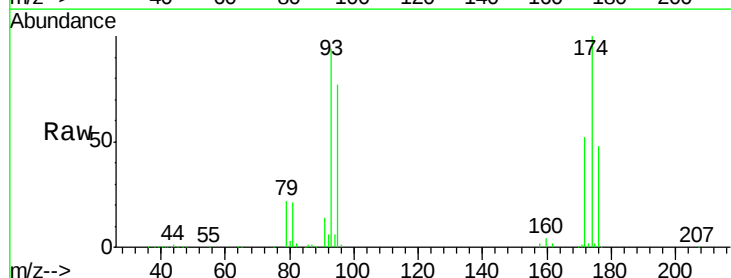
Manual Integrations
 APPROVED

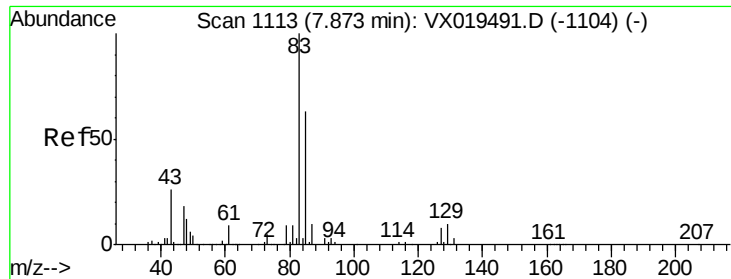
MMDadoda
 12/1/2020 9:35:52 AM



#46
 Dibromomethane
 Concen: 48.830 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.8	100.2
174	104.2	83.0	124.4





#47

Bromodichloromethane

Concen: 51.042 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

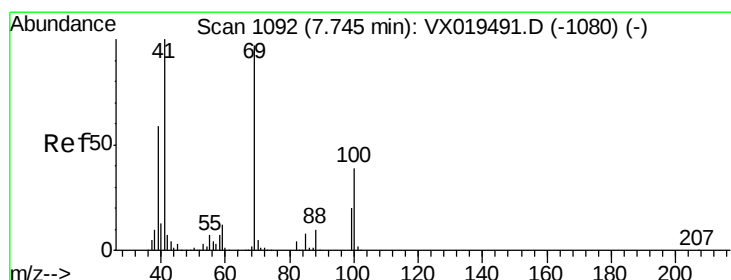
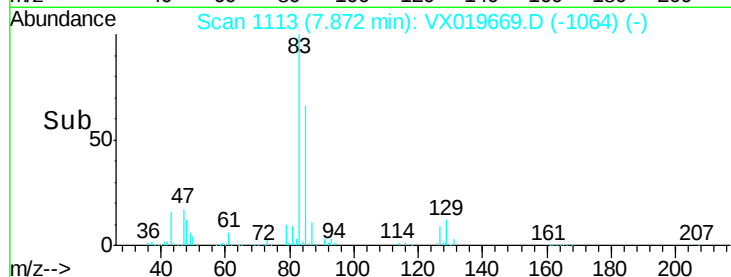
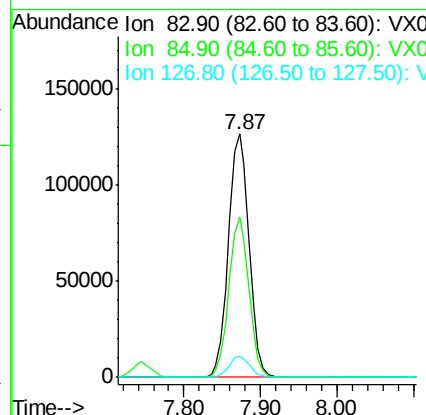
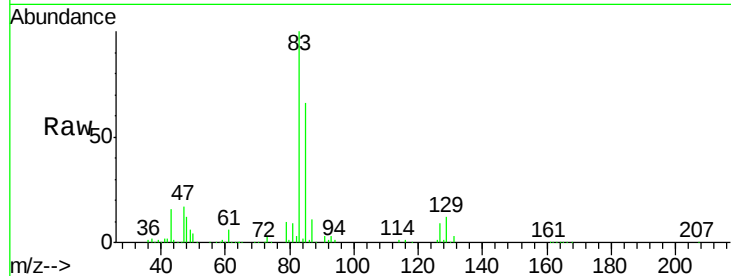
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	235760
Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.2	75.2
127	8.6	6.4	9.6

Manual Integrations
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MMDadoda
12/1/2020 9:35:52 AM



#48

Methyl methacrylate

Concen: 50.669 ug/l

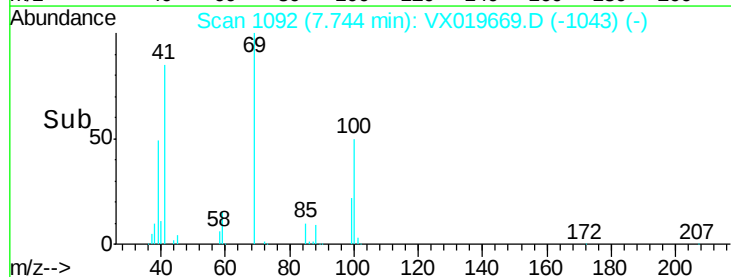
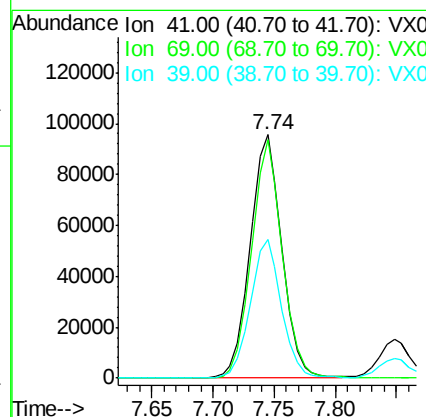
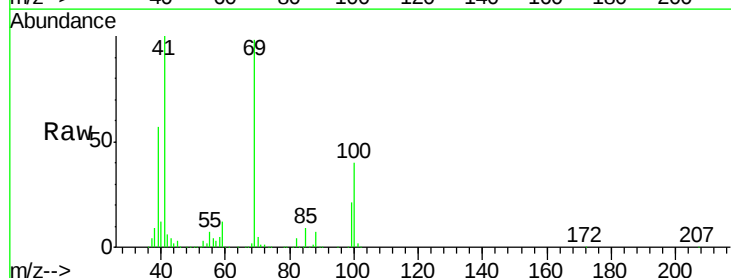
RT: 7.74 min Scan# 1092

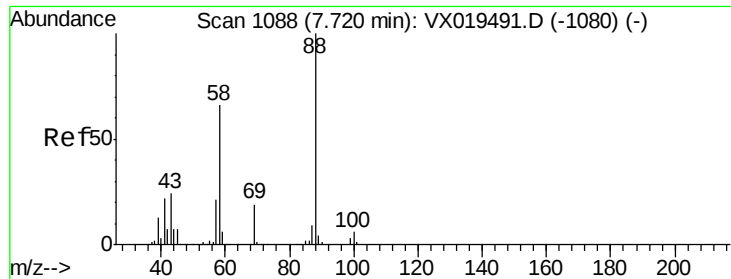
Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion:	41	Resp:	172182
Ion	Ratio	Lower	Upper
41	100		
69	95.2	77.0	115.6
39	55.8	45.6	68.4





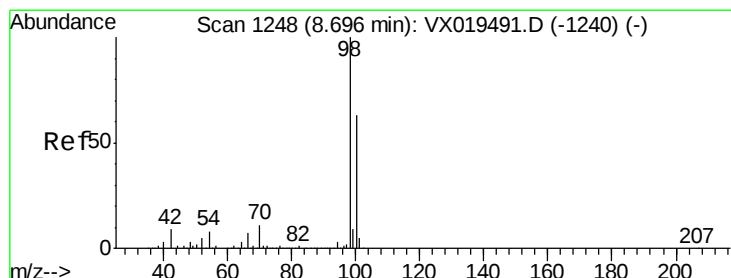
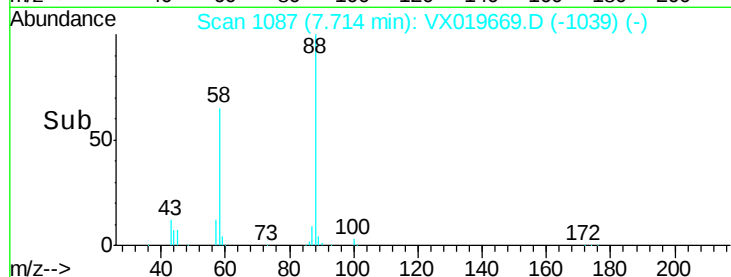
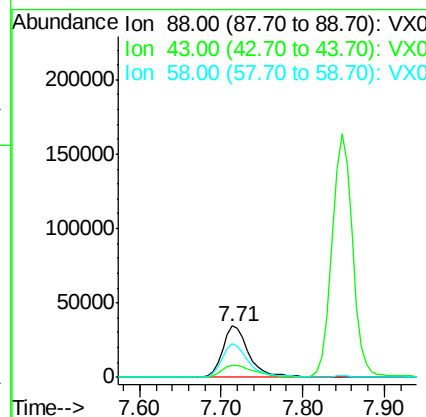
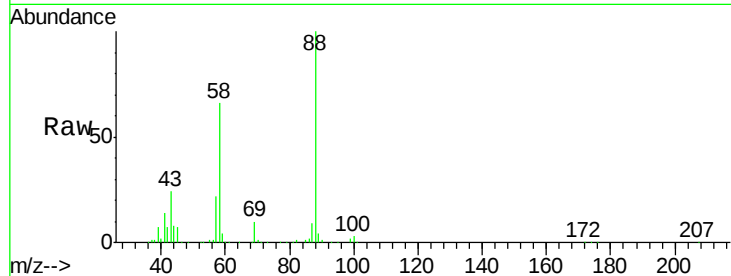
#49
1,4-Dioxane
Concen: 1000.568 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	23.8	35.6
58	66.8	54.2	81.2

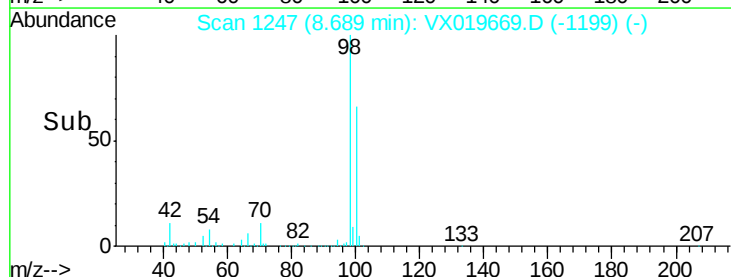
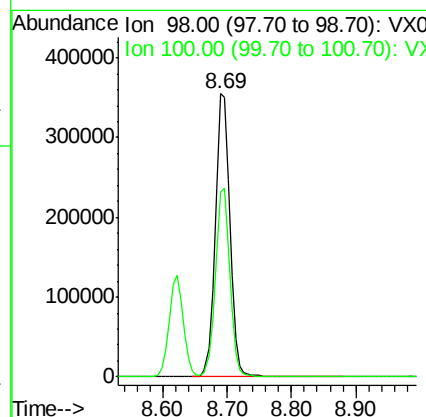
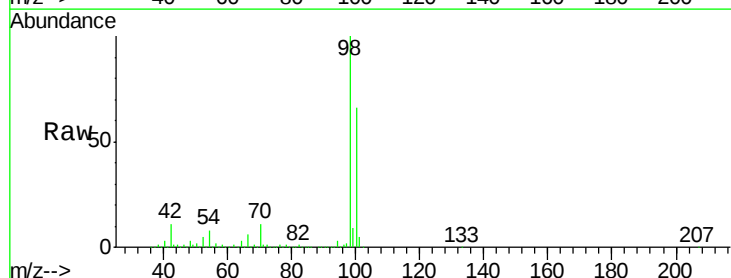
Manual Integrations
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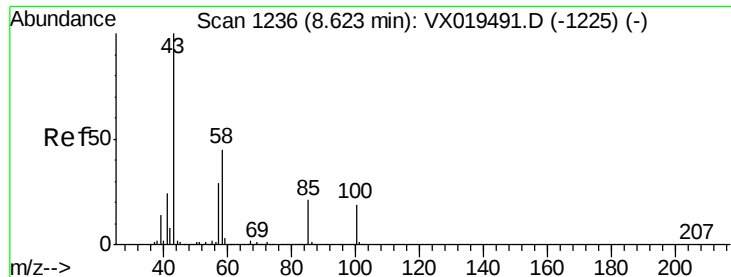
MMDadoda
12/1/2020 9:35:52 AM



#50
Toluene-d8
Concen: 47.527 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 247.699 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1048067

Ion Ratio Lower Upper

43 100

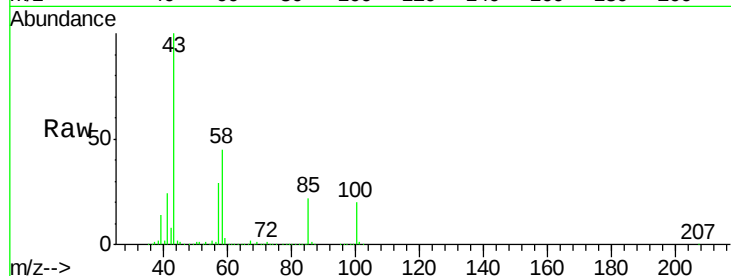
58 44.4 35.1 52.7

Manual Integrations

APPROVED

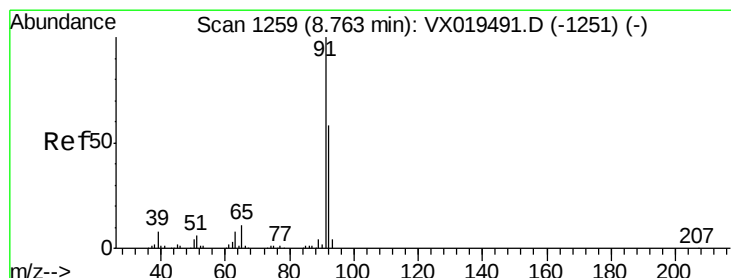
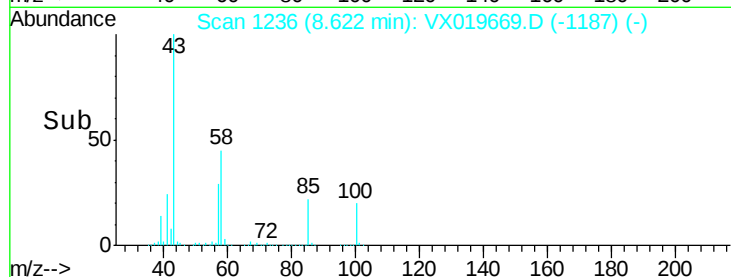
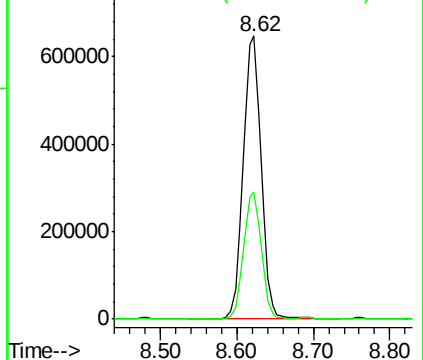
MMDadoda

12/1/2020 9:35:52 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.981 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019669.D

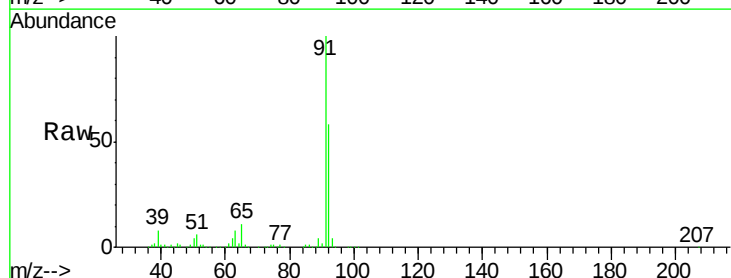
Acq: 30 Nov 2020 09:55

Tgt Ion: 92 Resp: 423311

Ion Ratio Lower Upper

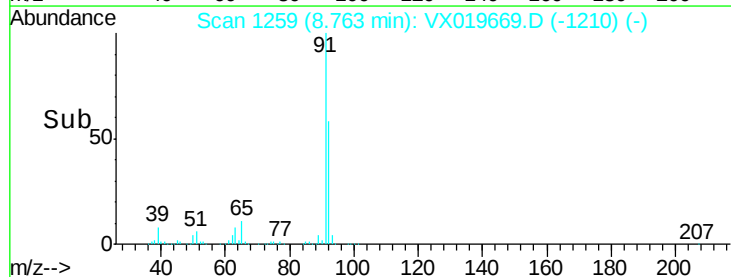
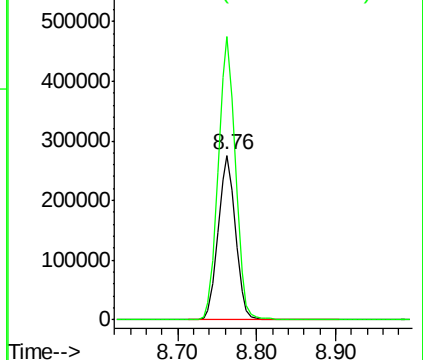
92 100

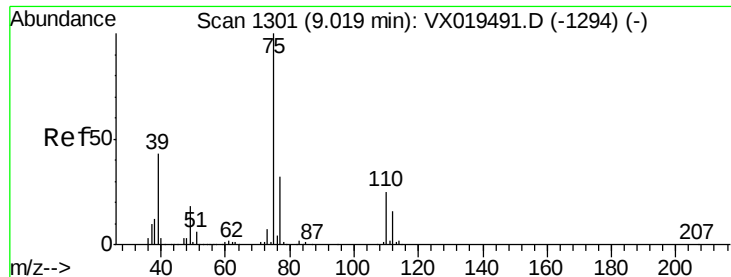
91 170.9 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





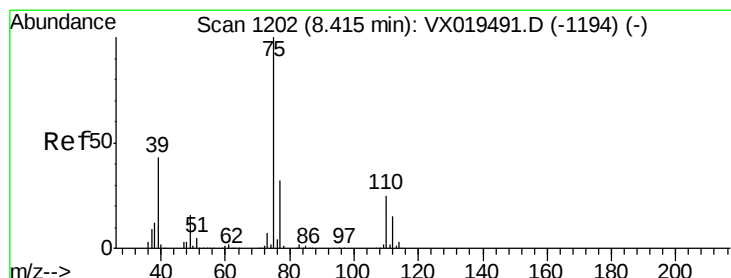
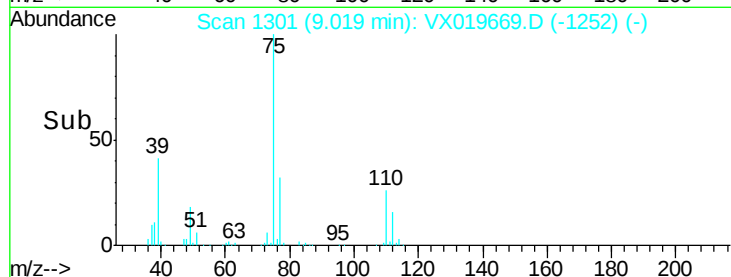
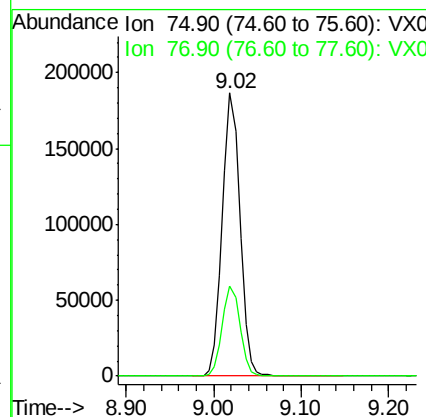
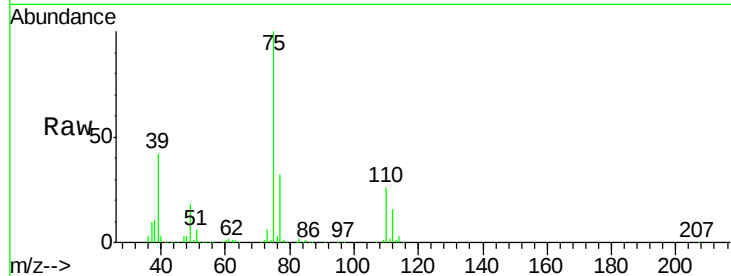
#53
 t-1,3-Dichloropropene
 Concen: 52.614 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 262456
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9

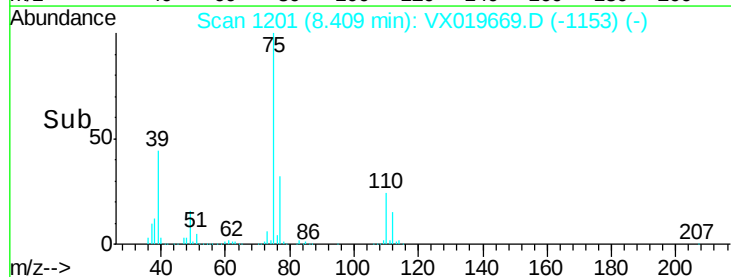
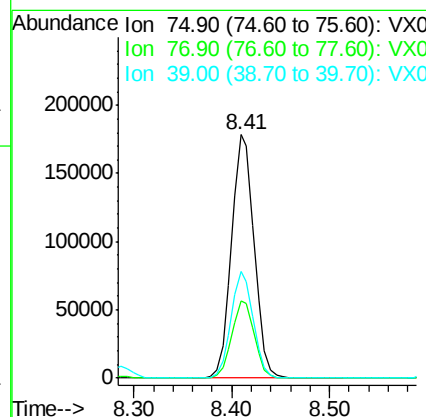
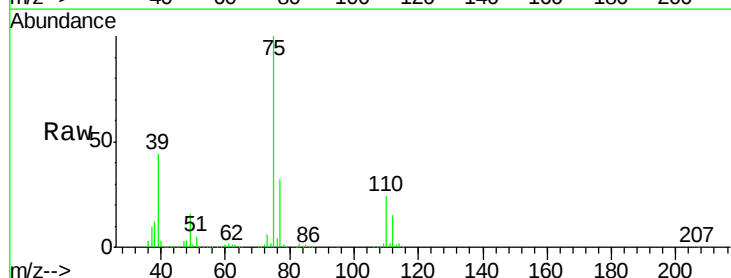
Manual Integrations
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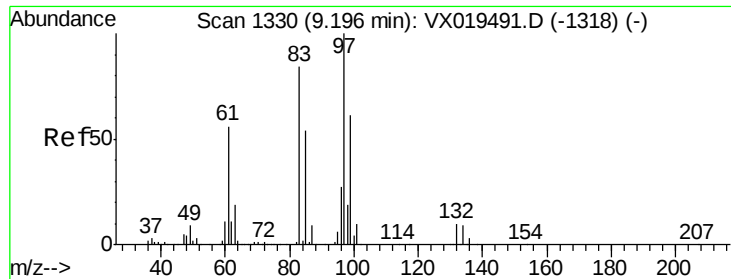
MMDadoda
 12/1/2020 9:35:52 AM



#54
 cis-1,3-Dichloropropene
 Concen: 51.716 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion: 75 Resp: 286291
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.6
 39 43.6 34.6 51.8





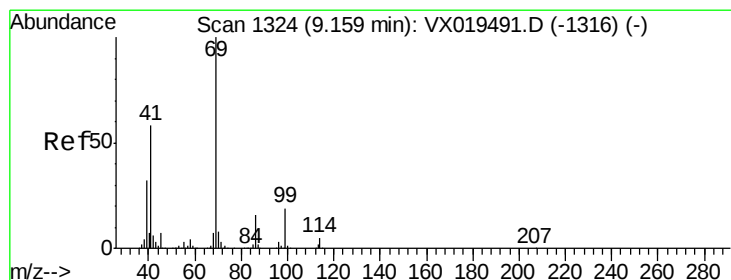
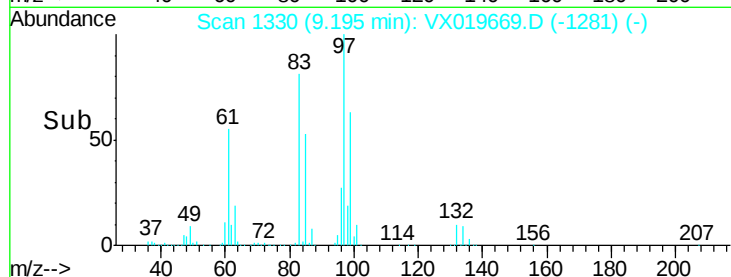
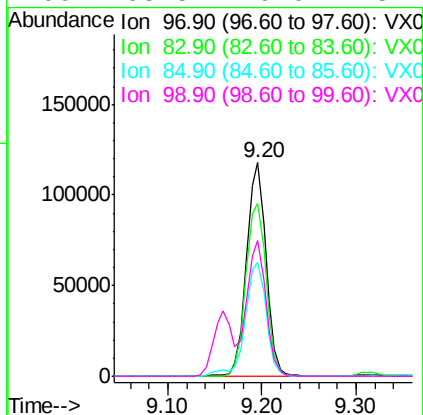
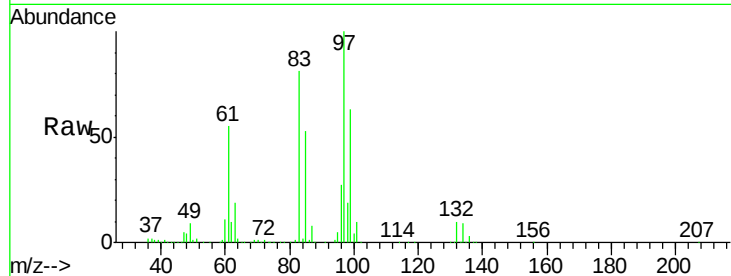
#55
 1,1,2-Trichloroethane
 Concen: 48.711 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		171447		
83	81.1	67.0	100.6		
85	53.1	43.4	65.0		
99	63.5	49.0	73.4		

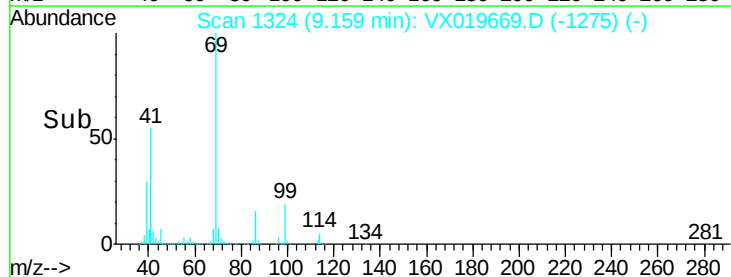
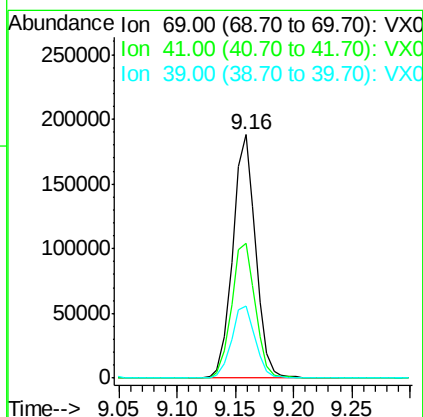
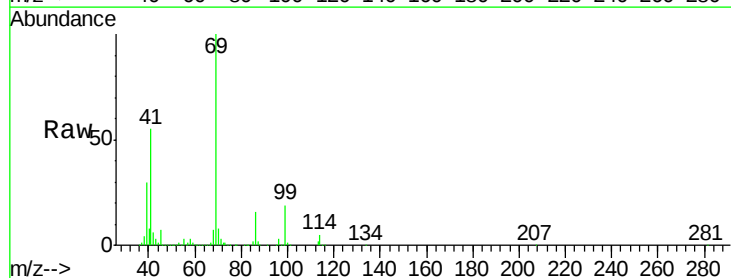
Manual Integrations
 APPROVED

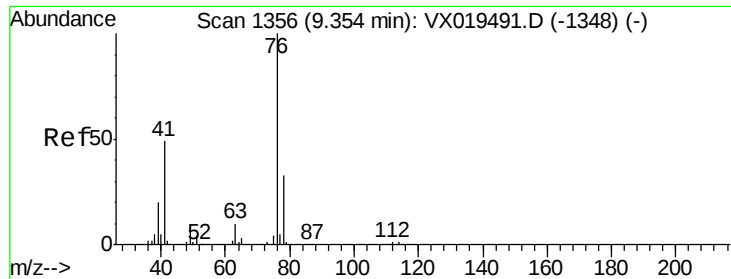
MMDadoda
 12/1/2020 9:35:52 AM



#56
 Ethyl methacrylate
 Concen: 51.602 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		256996		
41	57.6	46.2	69.2		
39	30.8	25.5	38.3		





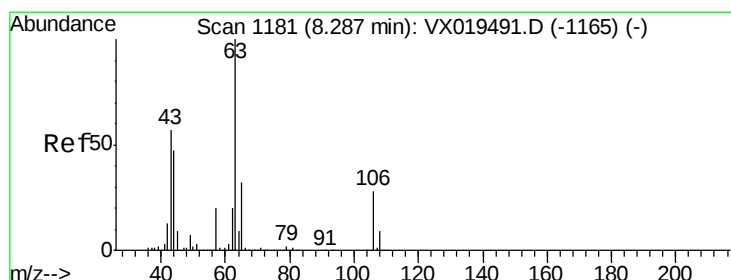
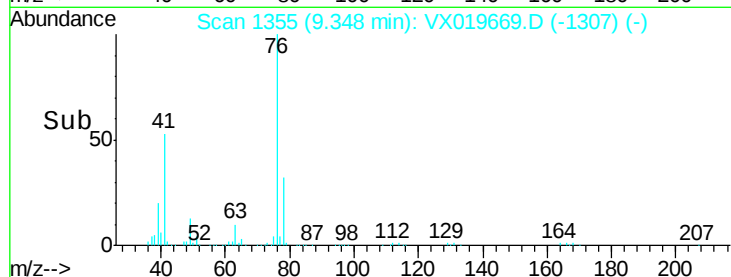
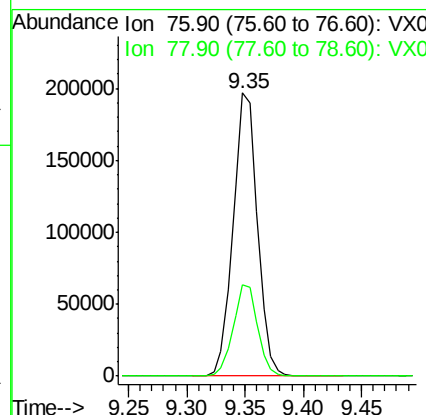
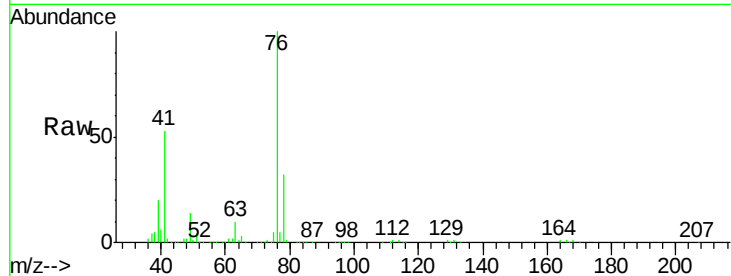
#57
 1,3-Dichloropropane
 Concen: 48.593 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

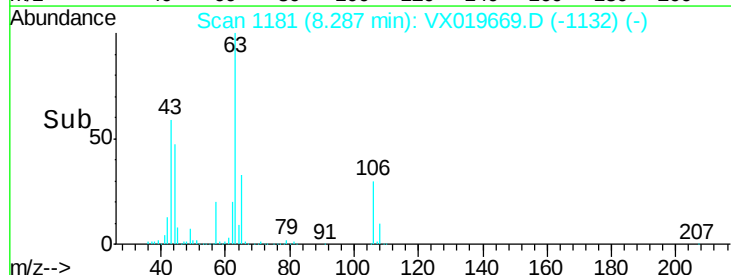
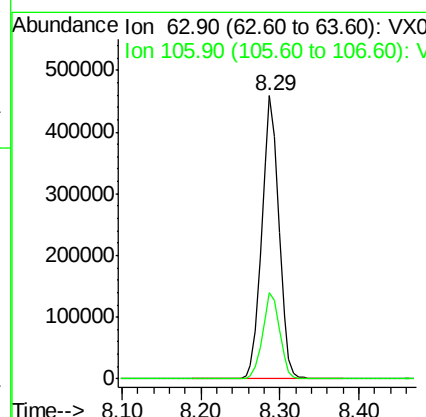
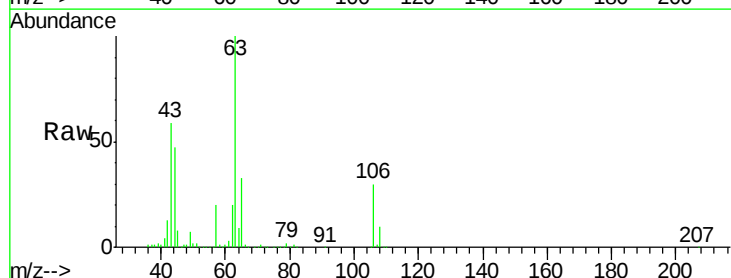
Manual Integrations
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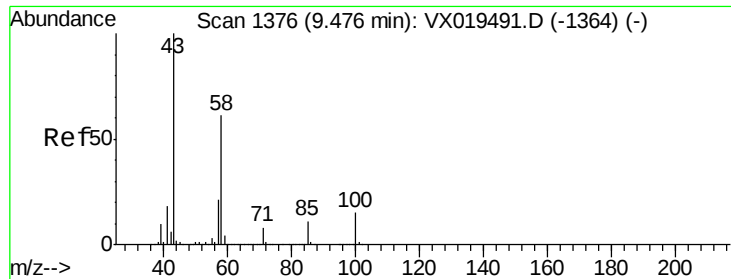
MMDadoda
 12/1/2020 9:35:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.652 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	23.7	35.5





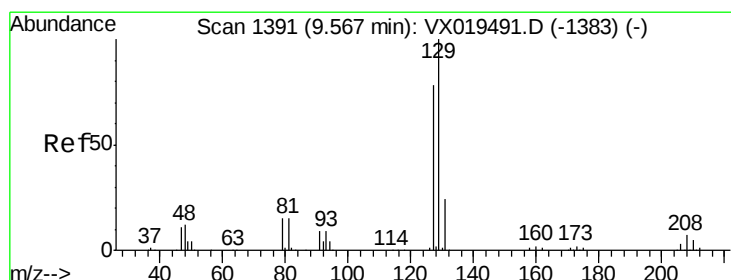
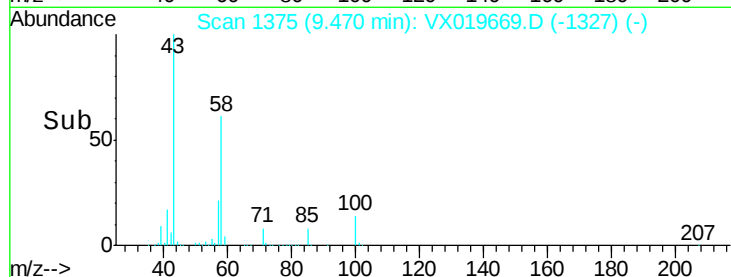
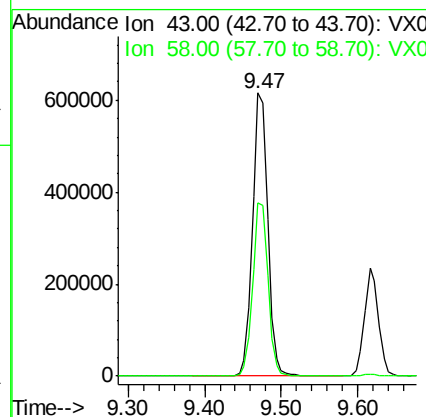
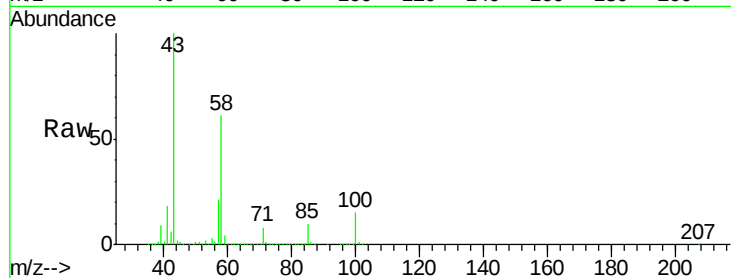
#59
2-Hexanone
Concen: 264.948 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.4	30.6	91.6

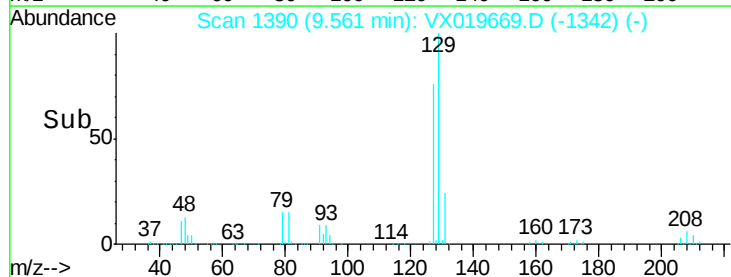
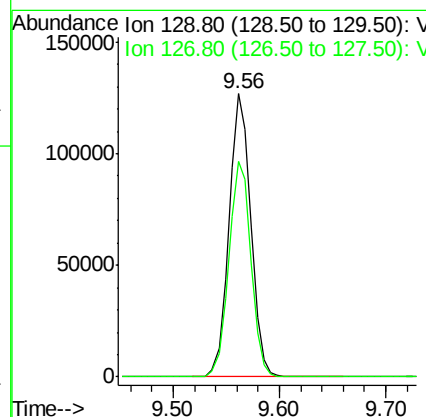
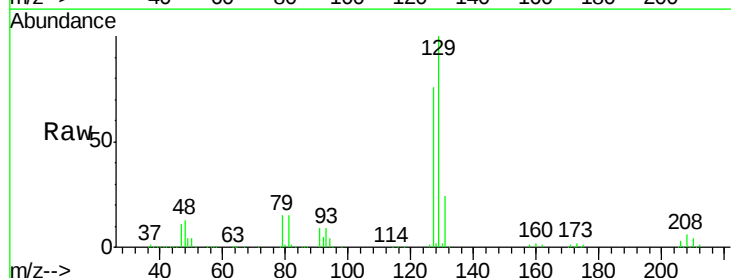
Manual Integrations
APPROVED

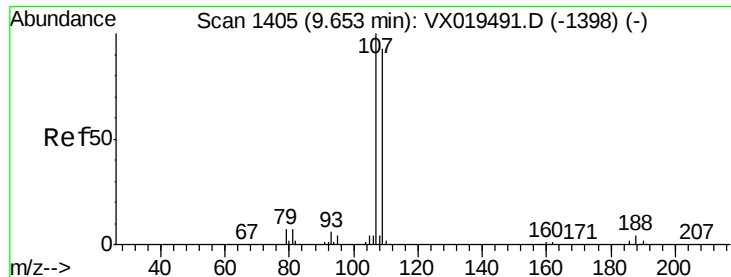
MMDadoda
12/1/2020 9:35:52 AM



#60
Dibromochloromethane
Concen: 52.651 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.0	116.9





#61

1,2-Dibromoethane

Concen: 49.021 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 177849

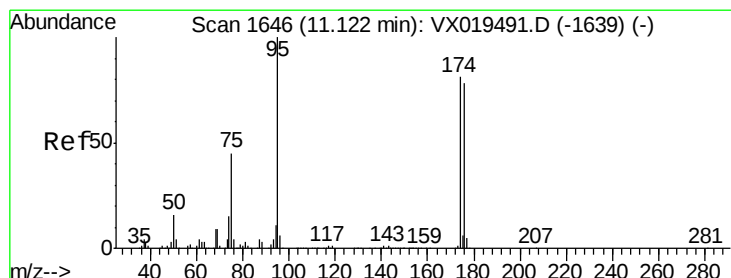
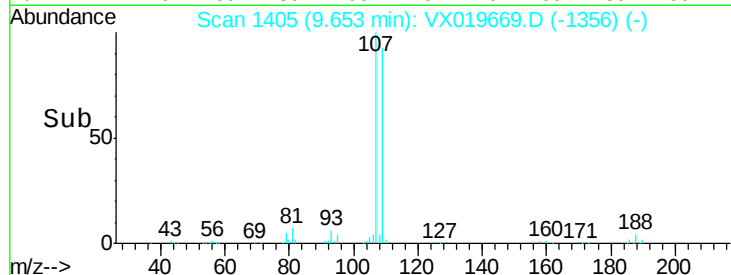
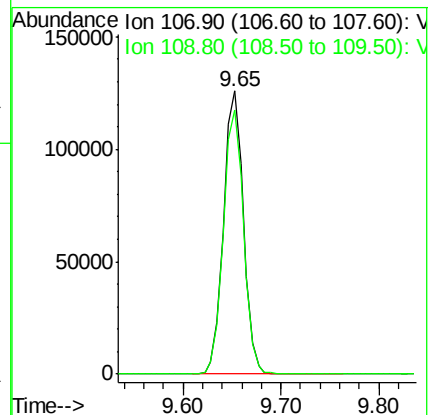
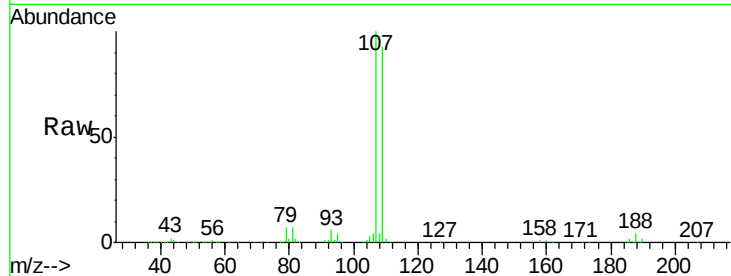
Ion Ratio Lower Upper

107 100

109 95.2 74.8 112.2

Manual Integrations
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MMDadoda
12/1/2020 9:35:52 AM



#62

4-Bromofluorobenzene

Concen: 48.511 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

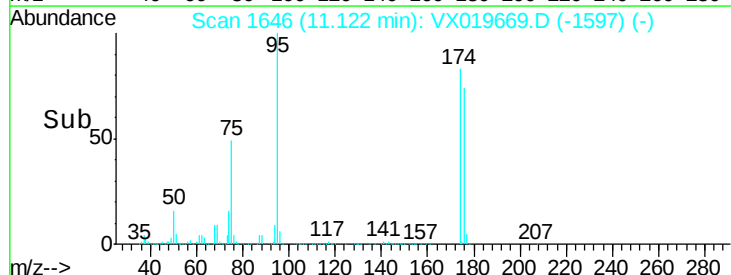
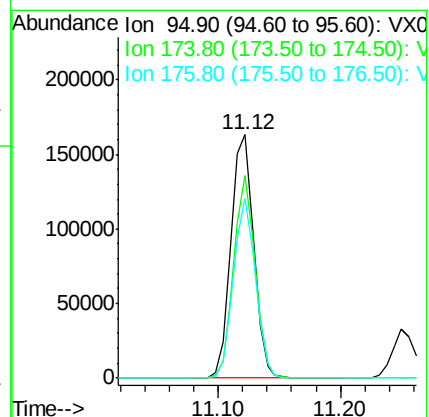
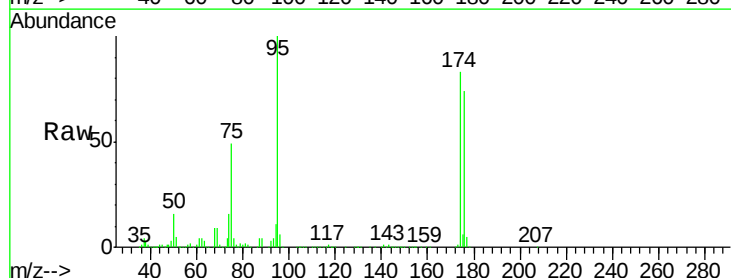
Tgt Ion: 95 Resp: 208793

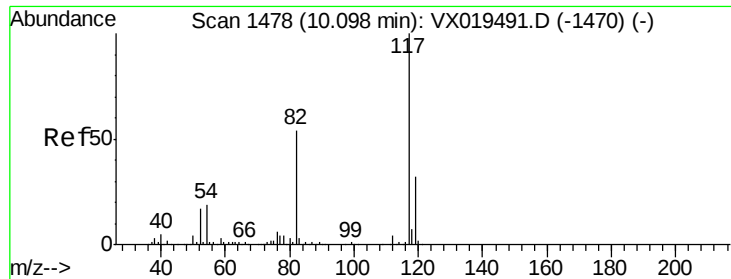
Ion Ratio Lower Upper

95 100

174 78.7 0.0 156.2

176 71.8 0.0 151.4





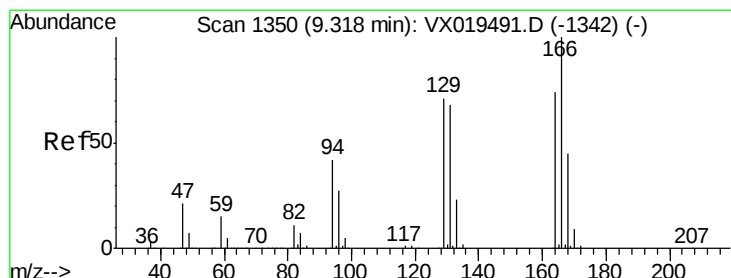
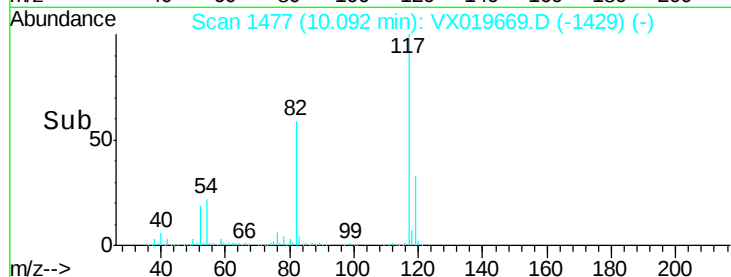
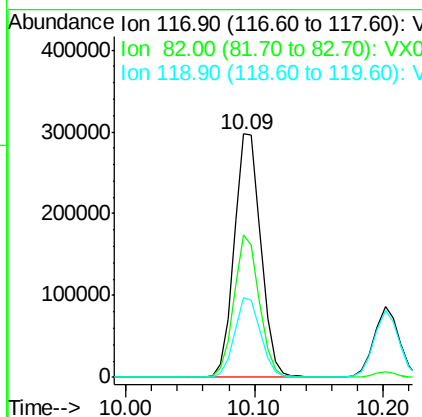
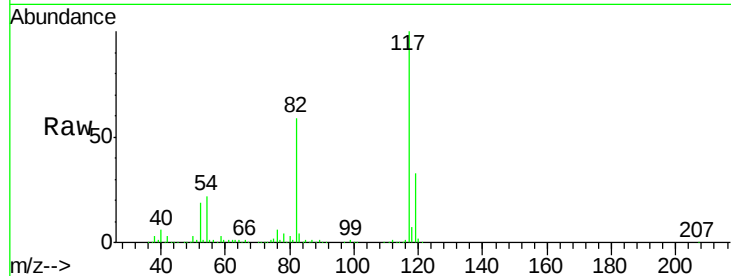
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	426584		
82	58.6	43.0	64.4	
119	32.8	25.6	38.4	

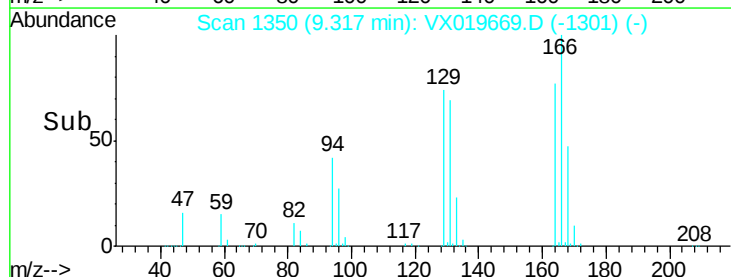
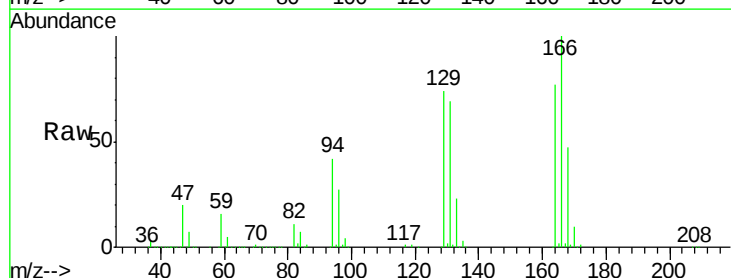
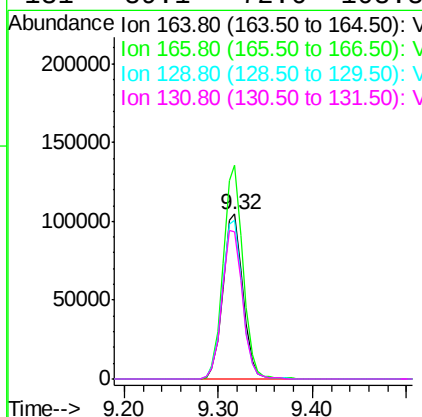
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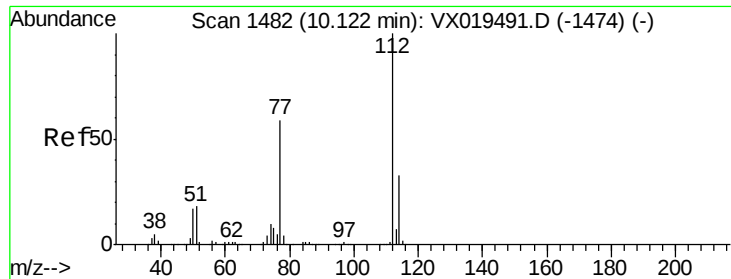
MMDadoda
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#64
Tetrachloroethene
Concen: 45.876 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	153829		
166	129.5	107.4	161.0	
129	96.5	76.6	114.8	
131	89.1	72.6	108.8	





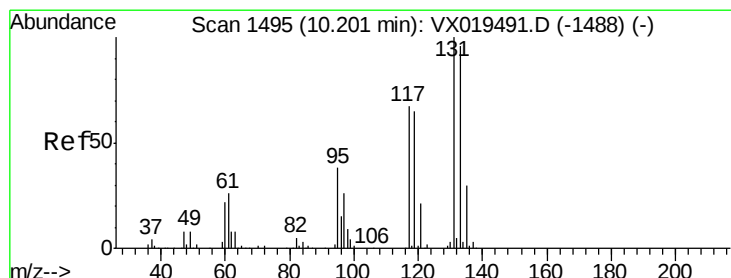
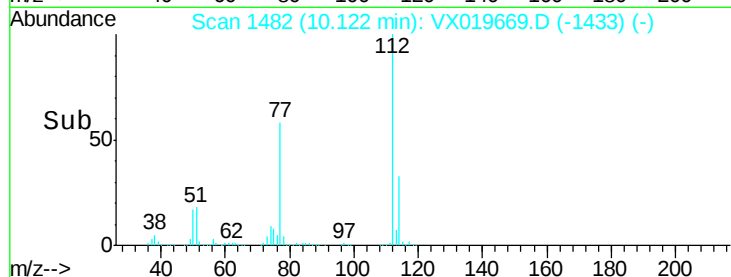
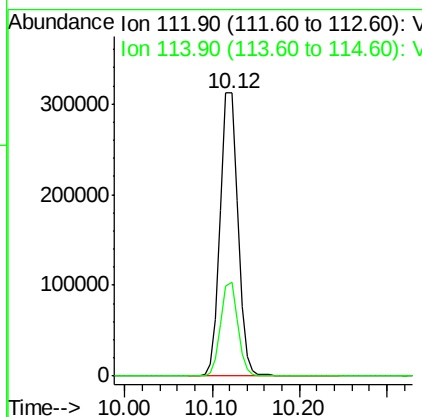
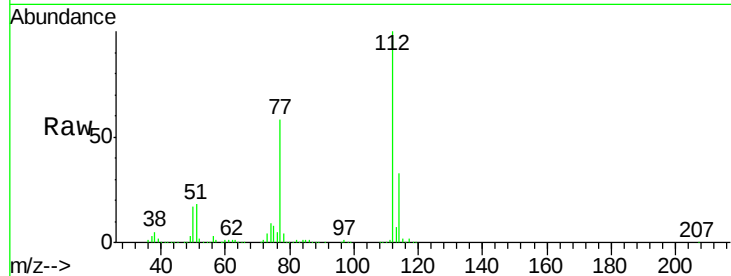
#65
Chlorobenzene
Concen: 49.767 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 436486
Ion Ratio Lower Upper
112 100
114 33.4 26.0 39.0

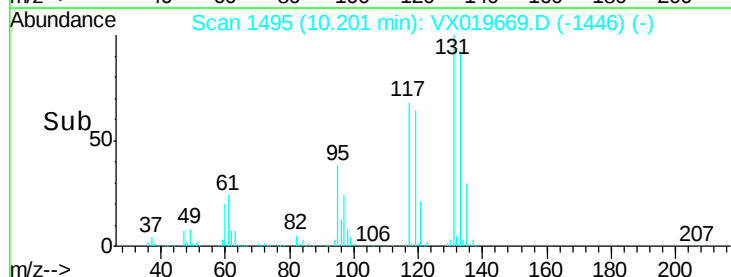
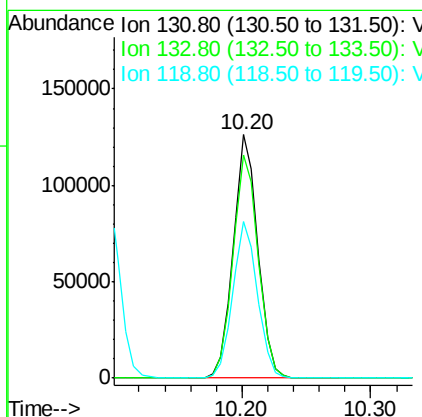
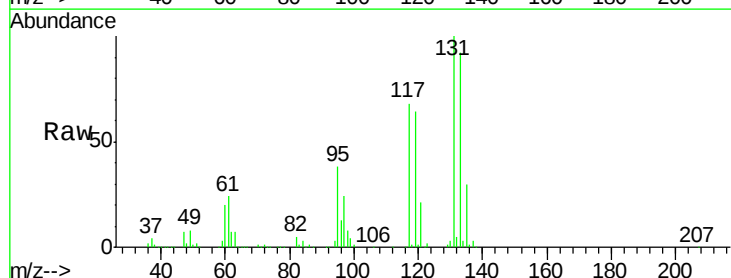
Manual Integrations
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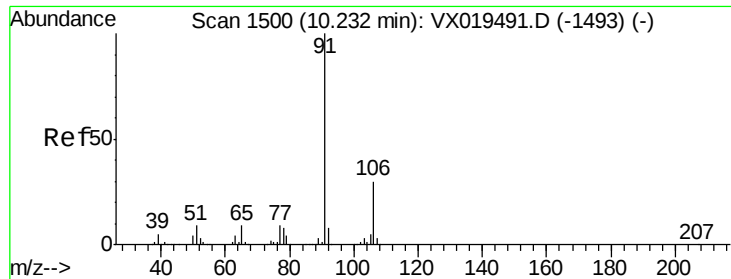
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.723 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion:131 Resp: 168198
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 64.6 33.0 99.0





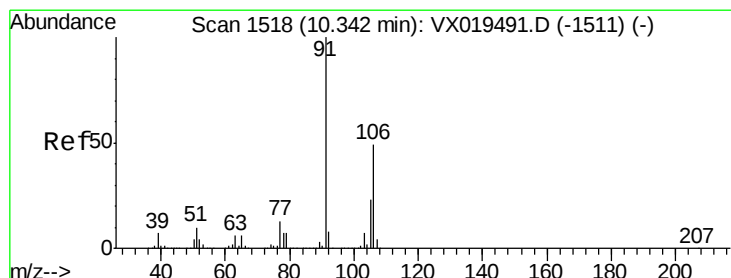
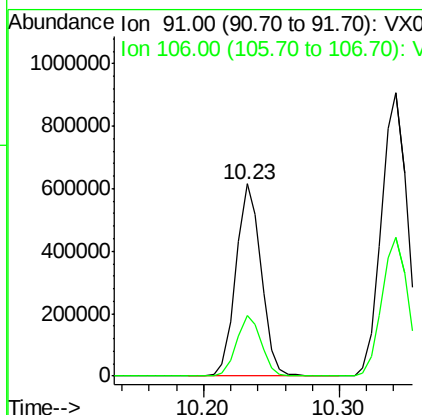
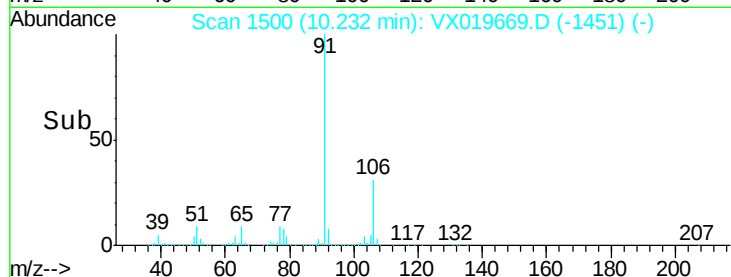
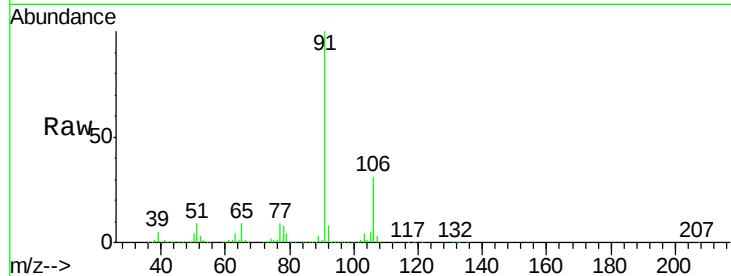
#67
Ethyl Benzene
Concen: 51.661 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 793754
Ion Ratio Lower Upper
91 100
106 31.4 24.0 36.0

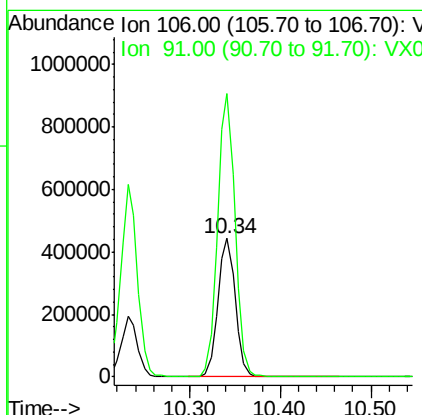
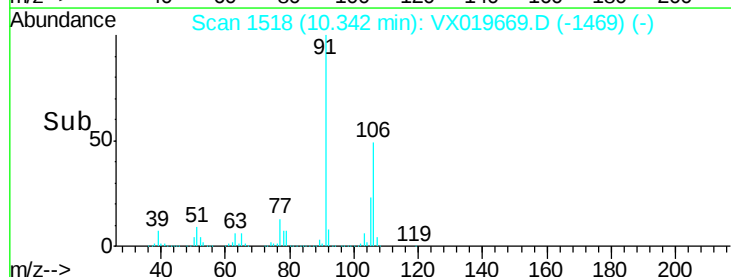
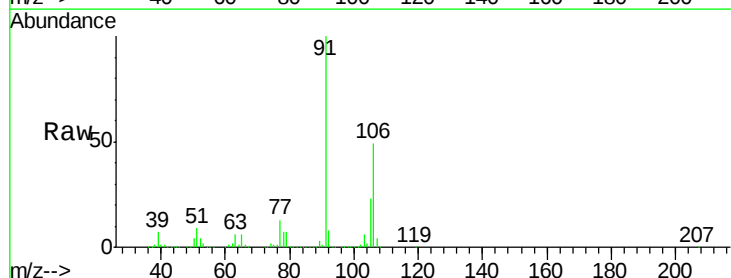
Manual Integrations
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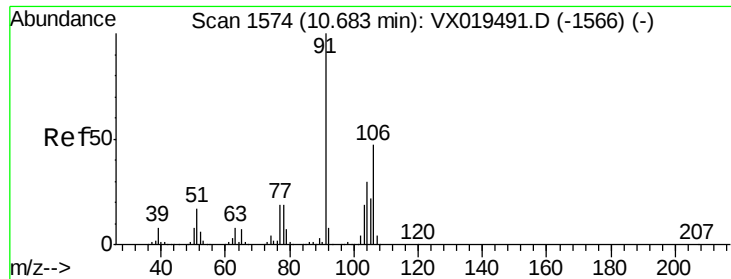
MMDadoda
12/1/2020 9:35:52 AM



#68
m/p-Xylenes
Concen: 104.036 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion: 106 Resp: 595542
Ion Ratio Lower Upper
106 100
91 204.7 163.3 244.9





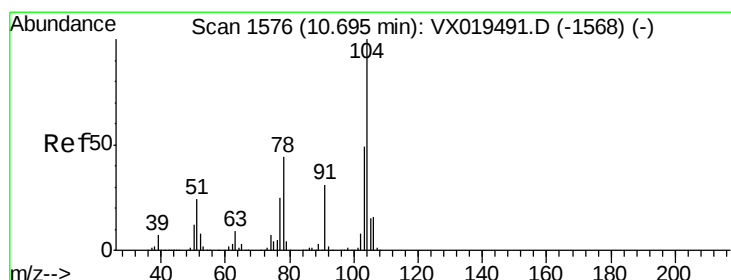
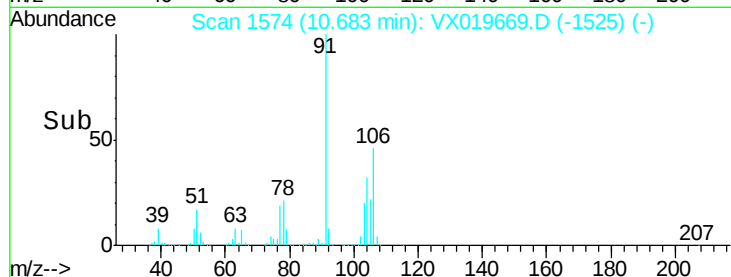
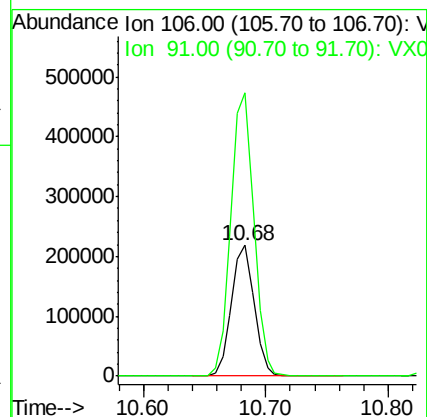
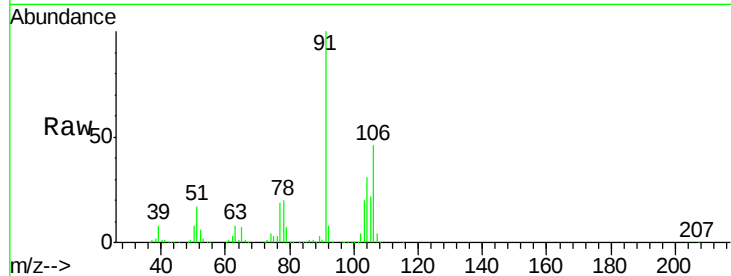
#69
o-Xylene
Concen: 51.540 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.4	108.0	324.0

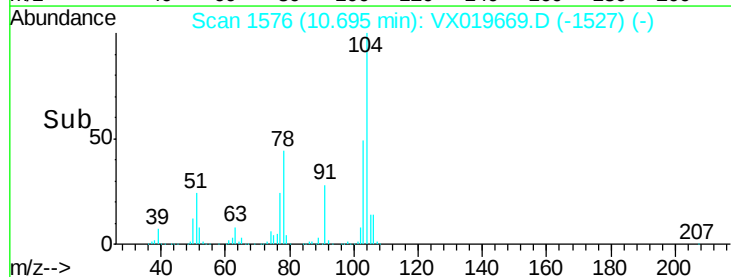
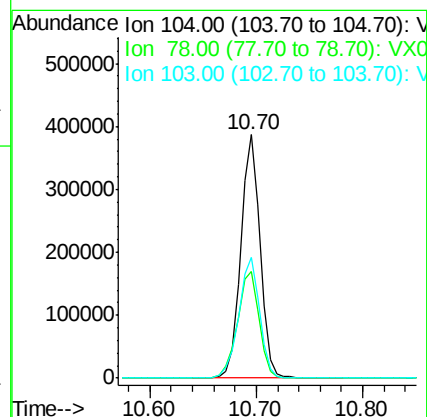
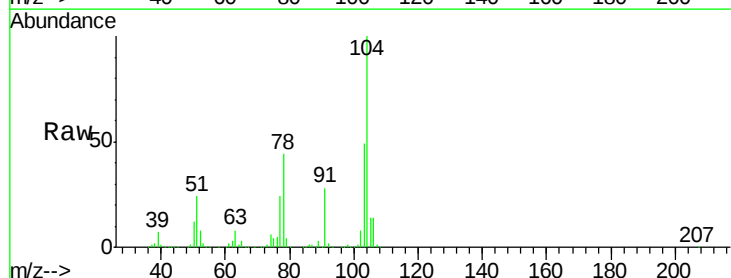
Manual Integrations
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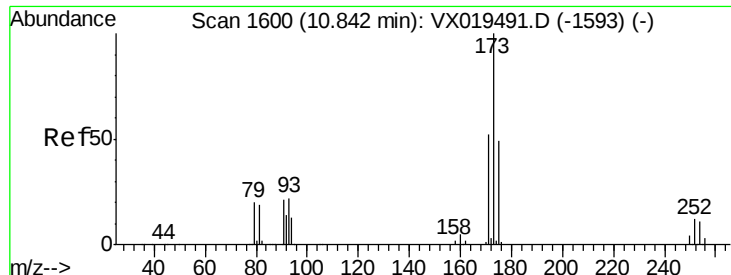
MMDadoda
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#70
Styrene
Concen: 48.441 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.5	59.3
103	54.0	43.6	65.4





#71

Bromoform

Concen: 49.218 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 132847

Ion Ratio Lower Upper

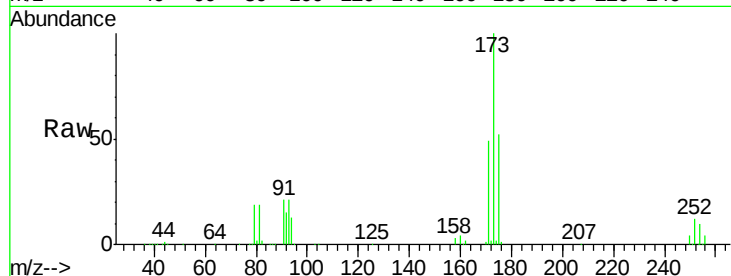
173 100

175 48.9 24.9 74.8

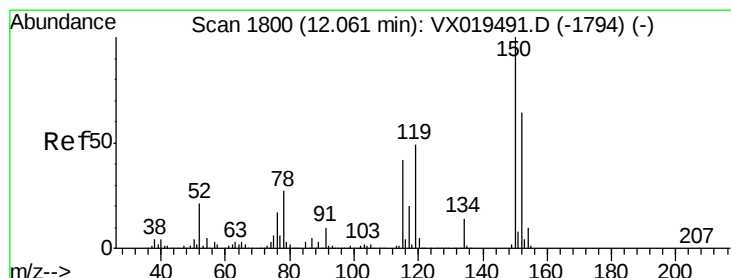
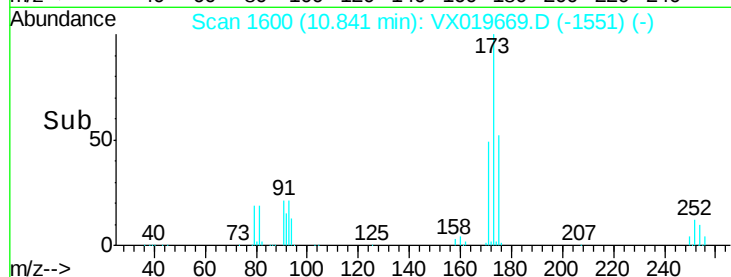
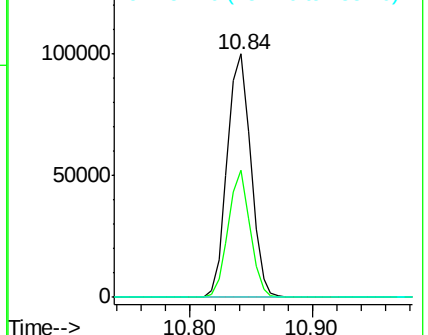
254 0.2 0.1 0.1#

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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: VX019669.D

Acq: 30 Nov 2020 09:55

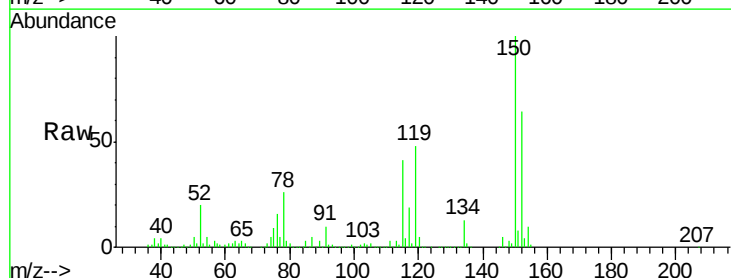
Tgt Ion:152 Resp: 218433

Ion Ratio Lower Upper

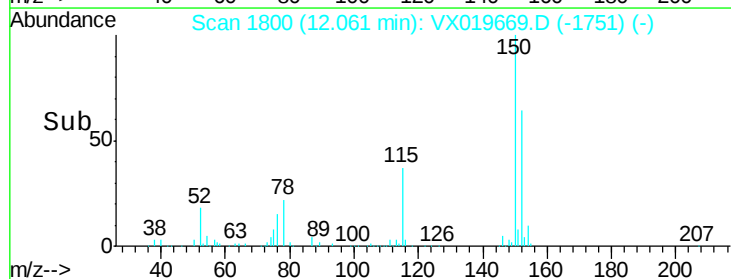
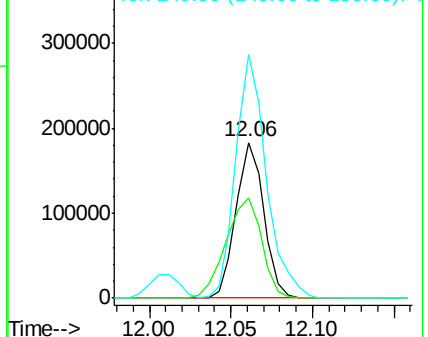
152 100

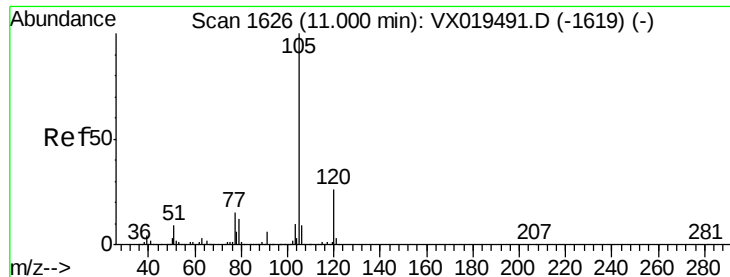
115 82.3 41.8 125.4

150 172.0 0.0 348.2



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: 50.736 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 766658

Ion Ratio Lower Upper

105 100

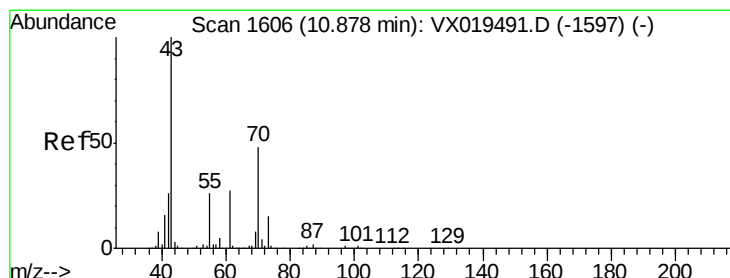
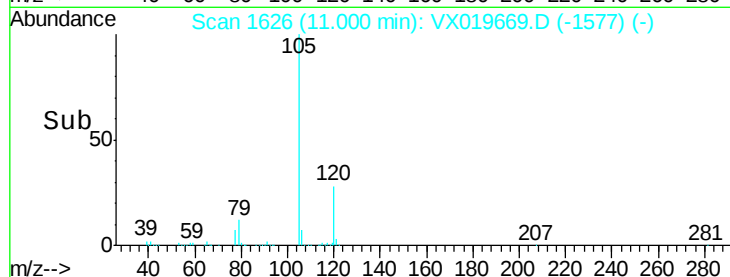
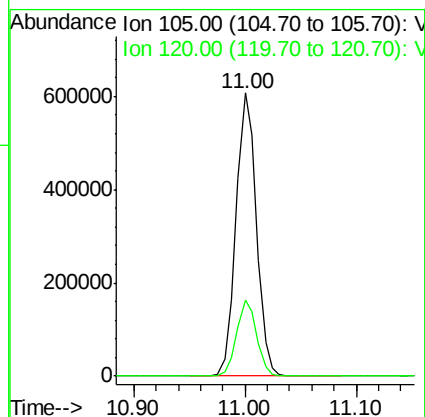
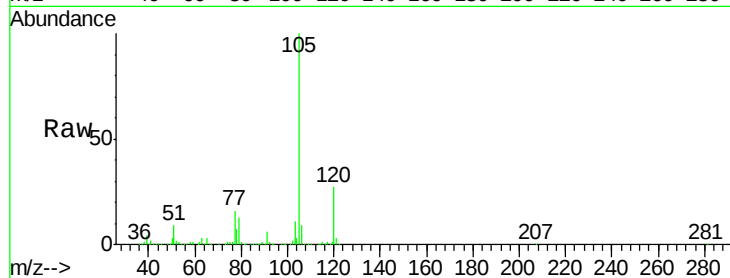
120 26.4 13.0 39.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.695 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion: 43 Resp: 298373

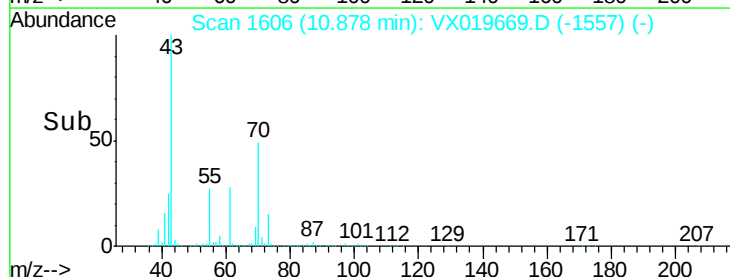
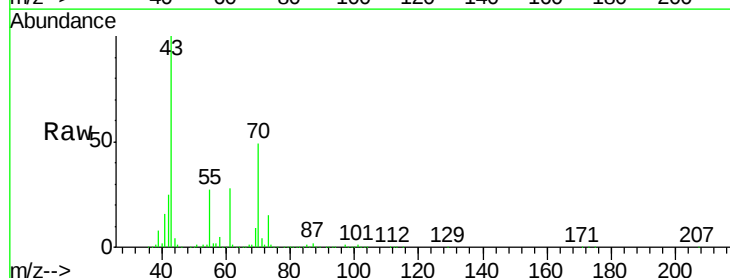
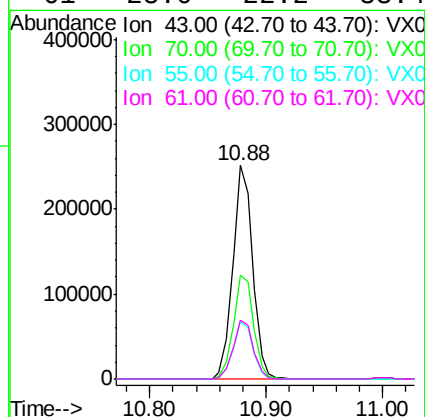
Ion Ratio Lower Upper

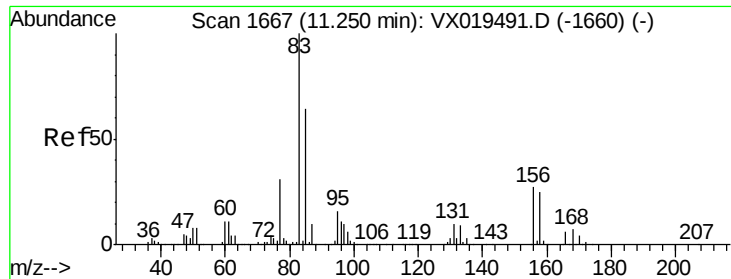
43 100

70 49.7 39.7 59.5

55 27.1 21.8 32.6

61 28.0 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.050 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

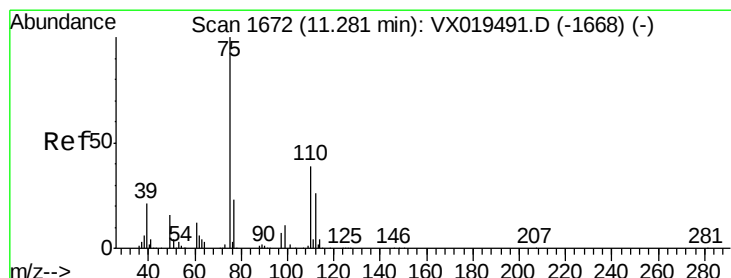
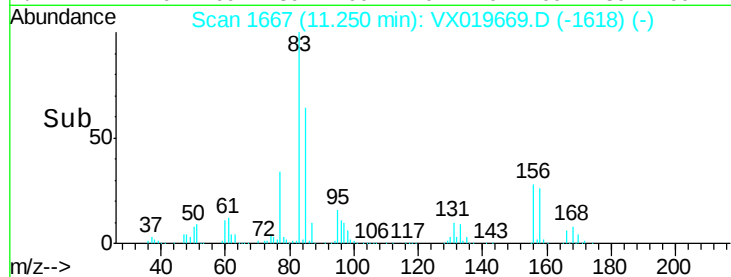
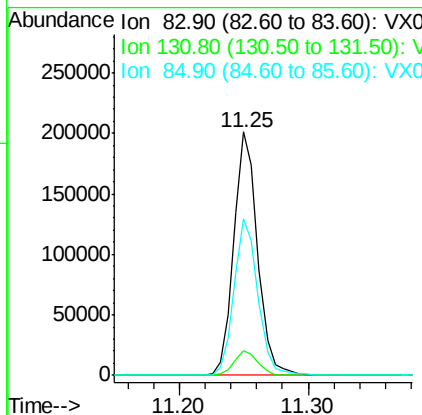
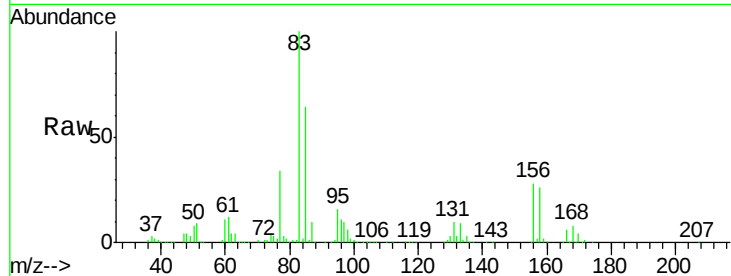
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	64.7	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 50.069 ug/l m

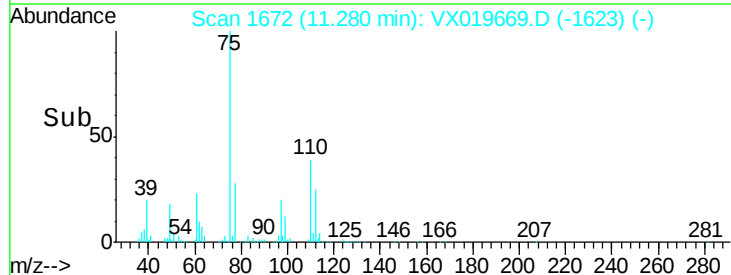
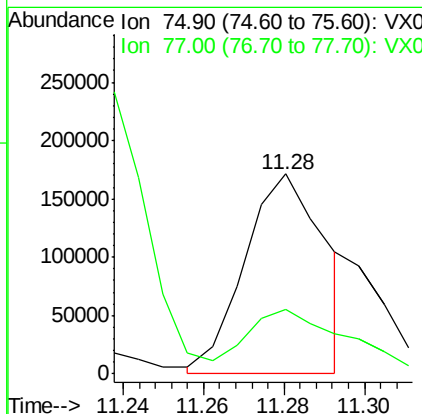
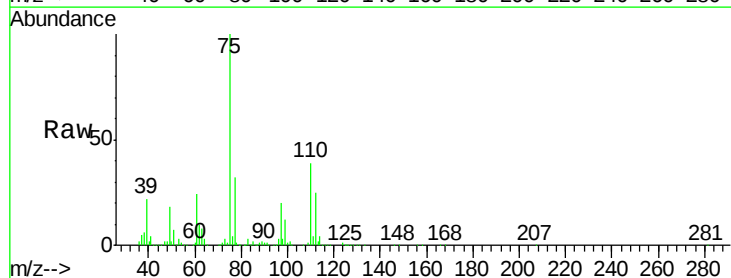
RT: 11.28 min Scan# 1672

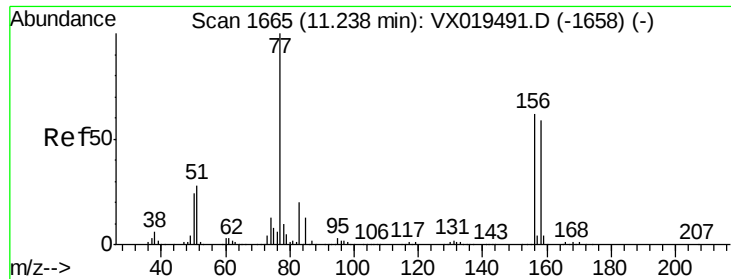
Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.0	20.0	60.0





#77

Bromobenzene

Concen: 49.538 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

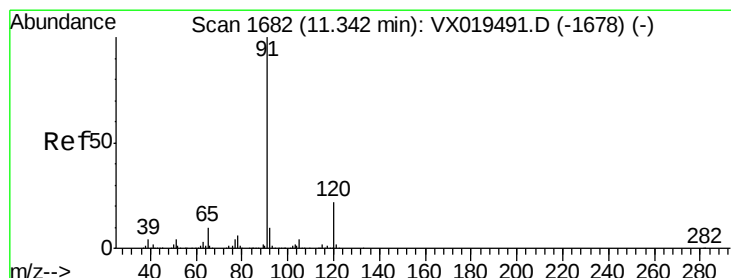
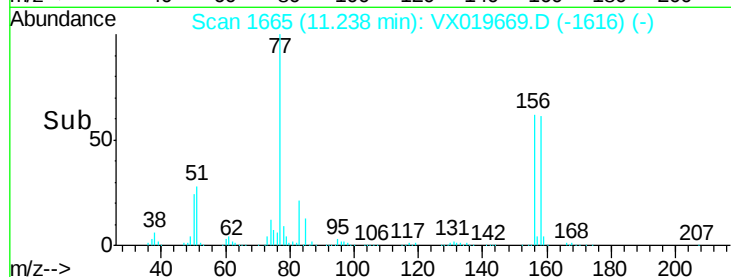
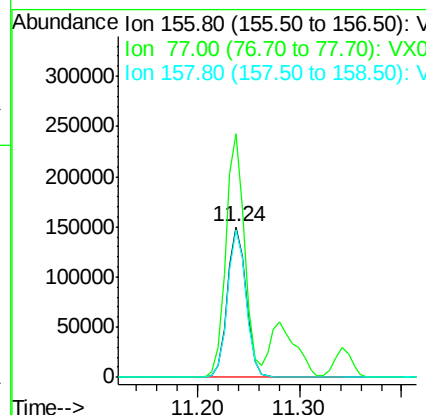
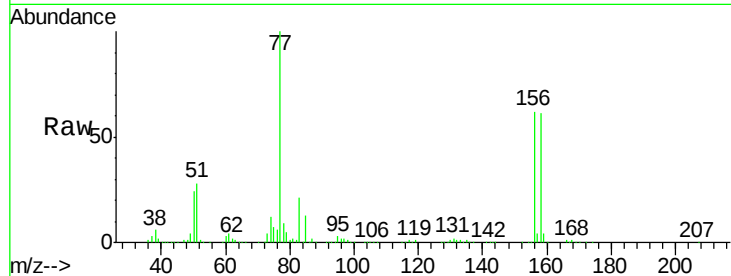
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.9	82.5	247.3
158	97.1	48.9	146.7

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#78

n-propylbenzene

Concen: 50.618 ug/l

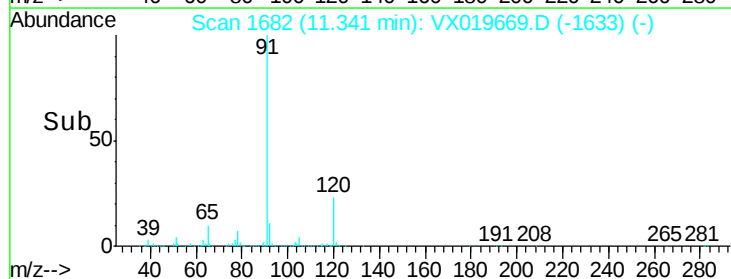
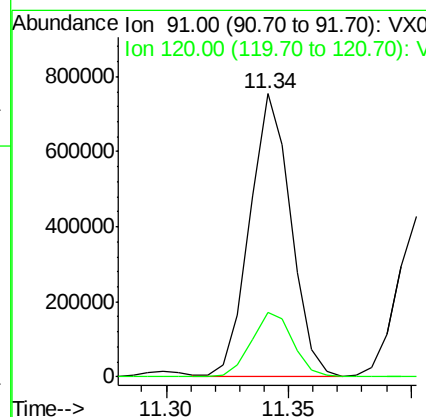
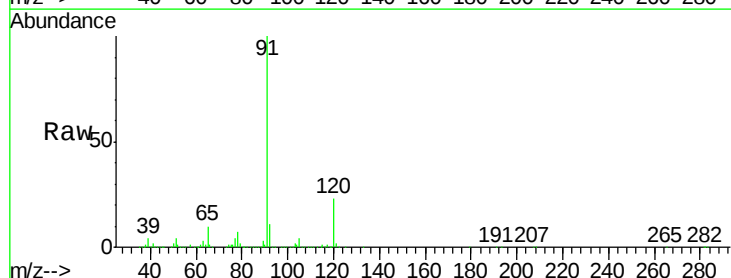
RT: 11.34 min Scan# 1682

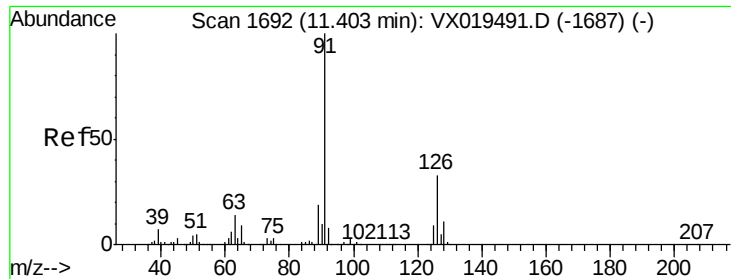
Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 50.459 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 530477

Ion Ratio Lower Upper

91 100

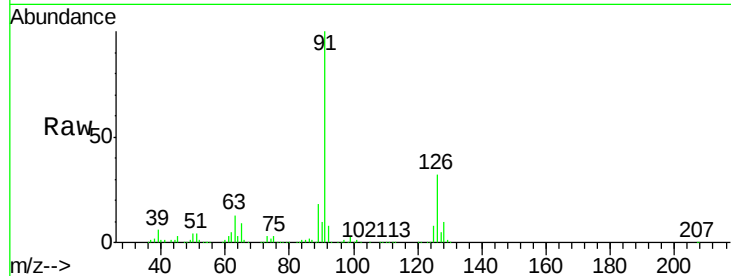
126 33.7 16.7 50.0

Manual Integrations

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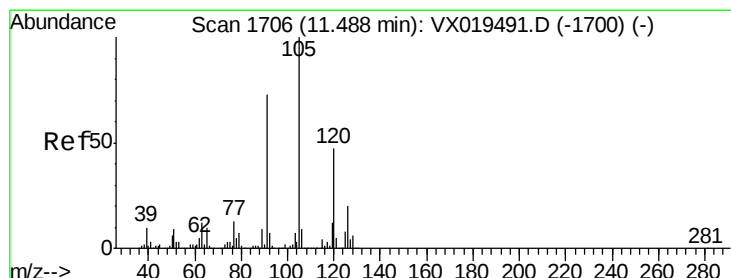
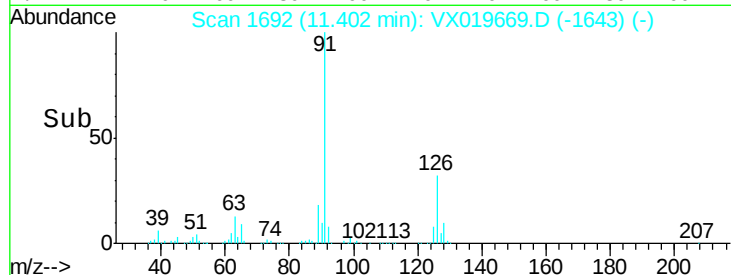
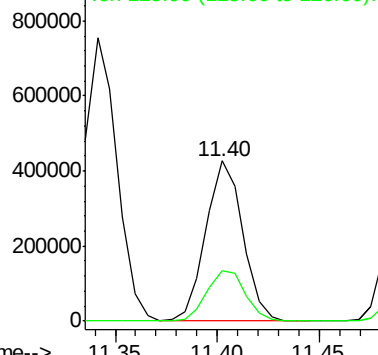
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.519 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019669.D

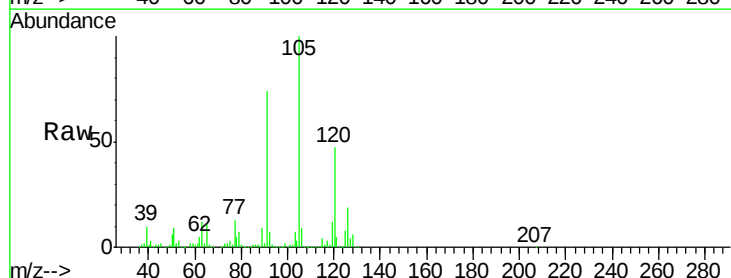
Acq: 30 Nov 2020 09:55

Tgt Ion: 105 Resp: 653052

Ion Ratio Lower Upper

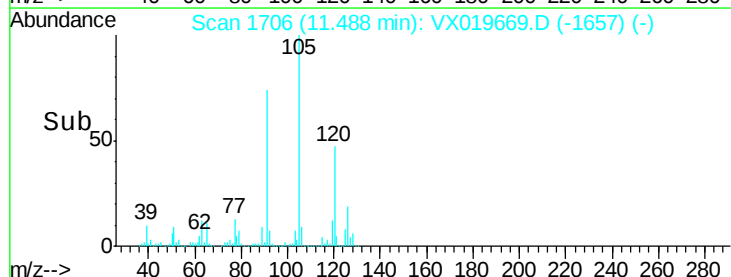
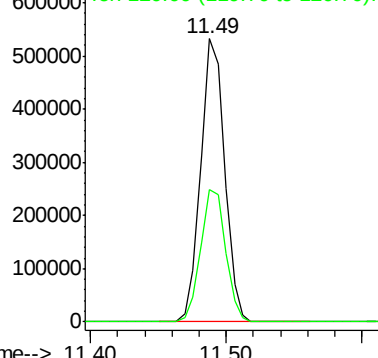
105 100

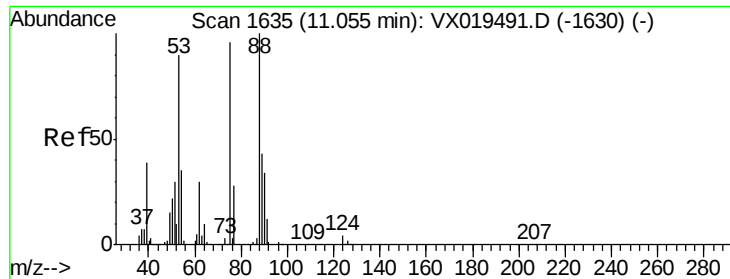
120 48.6 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.924 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

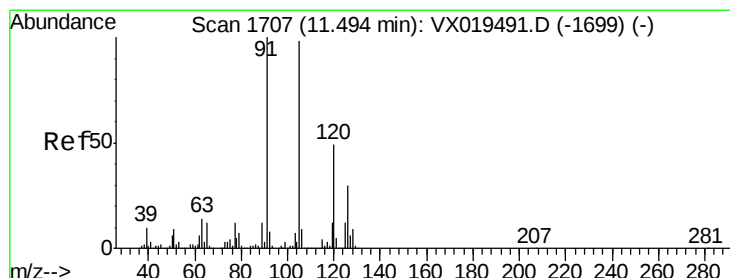
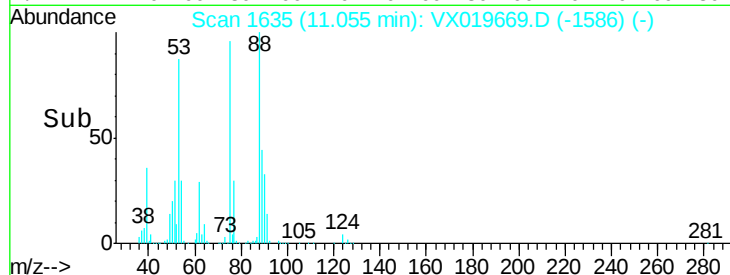
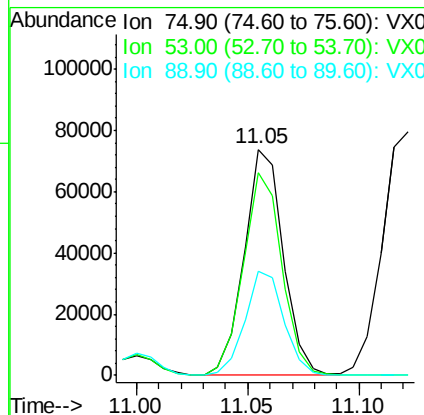
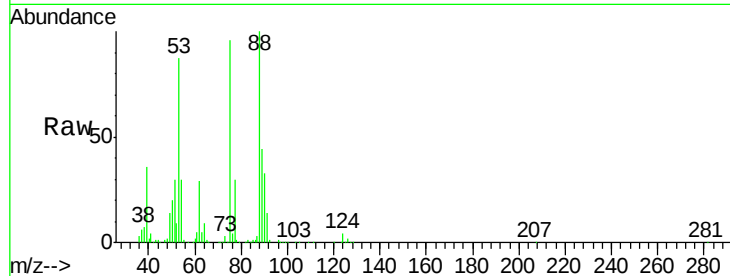
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	90029
Ion	Ratio	Lower	Upper
75	100		
53	89.0	73.9	110.9
89	46.1	37.3	55.9

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#82

4-Chlorotoluene

Concen: 49.574 ug/l

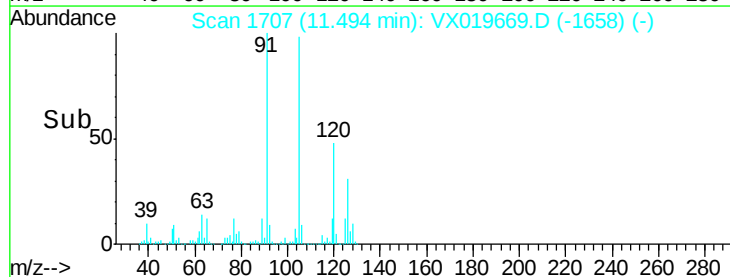
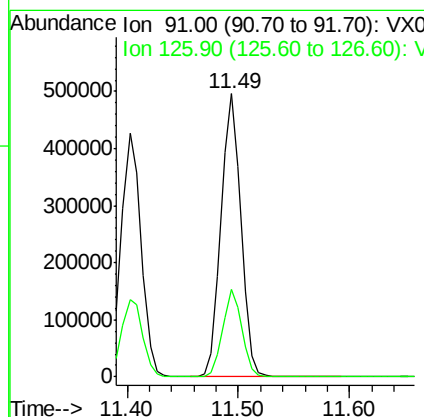
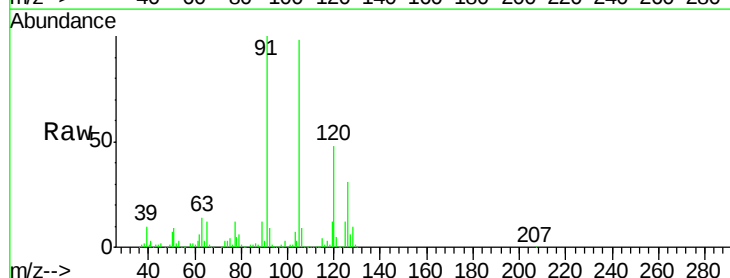
RT: 11.49 min Scan# 1707

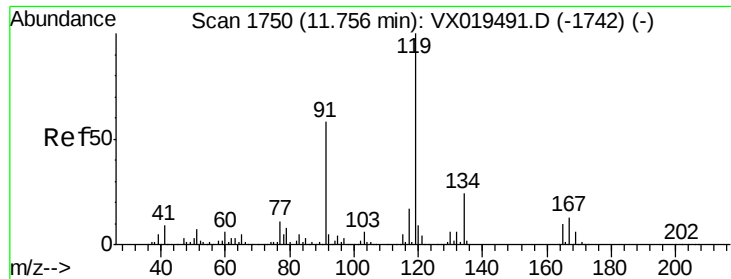
Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion:	91	Resp:	613527
Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.9	44.7





#83

tert-Butylbenzene

Concen: 52.080 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

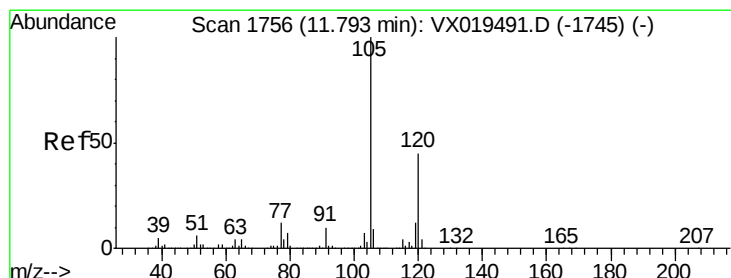
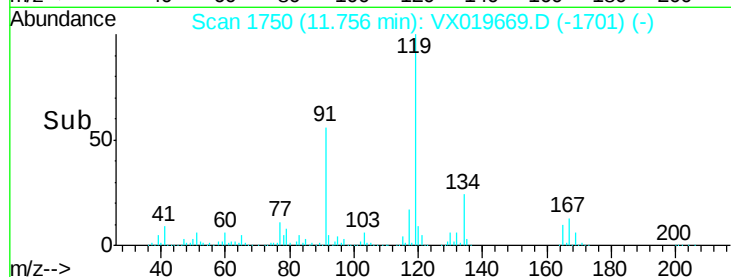
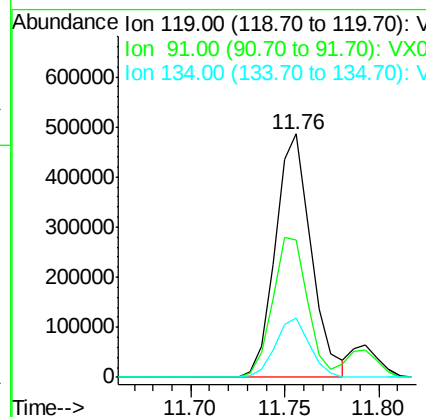
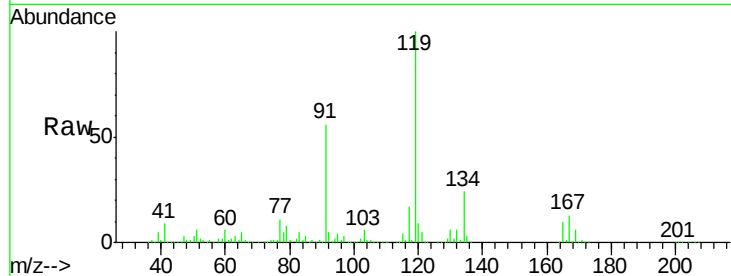
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	638681
Ion Ratio	Lower	Upper	
119	100		
91	56.2	28.9	86.8
134	23.2	11.7	35.0

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#84

1,2,4-Trimethylbenzene

Concen: 51.799 ug/l

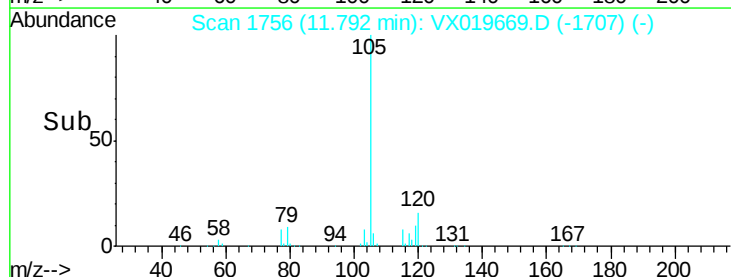
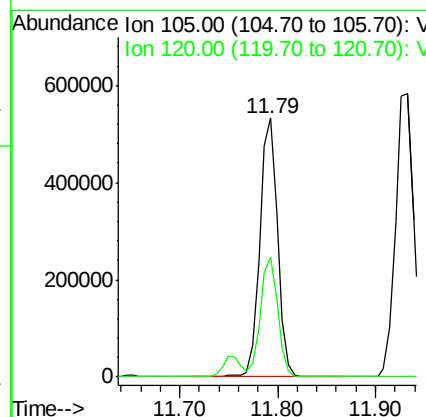
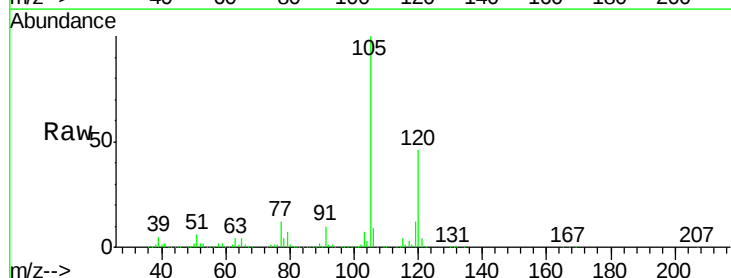
RT: 11.79 min Scan# 1756

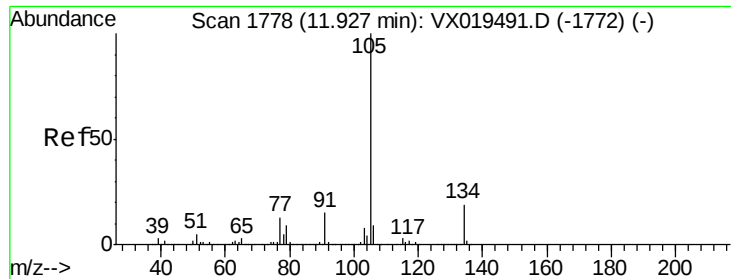
Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion:	105	Resp:	664361
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.2	66.6





#85

sec-Butylbenzene

Concen: 51.160 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 746388

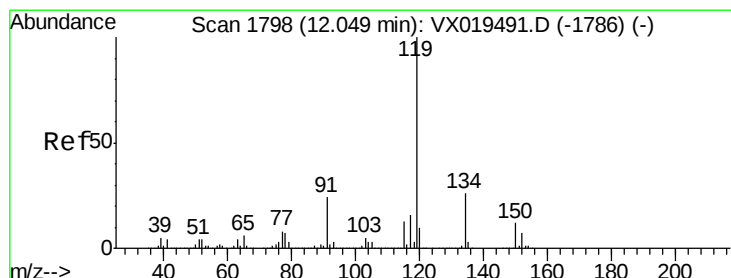
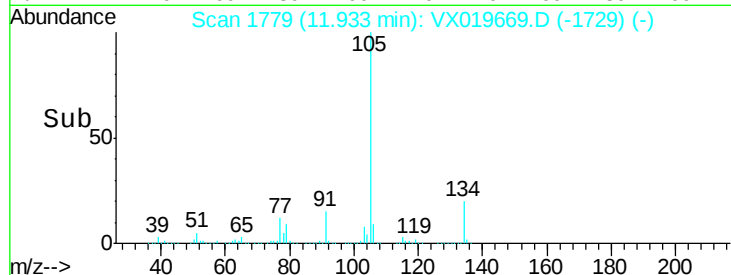
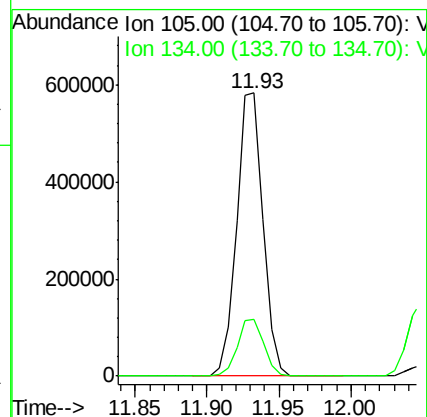
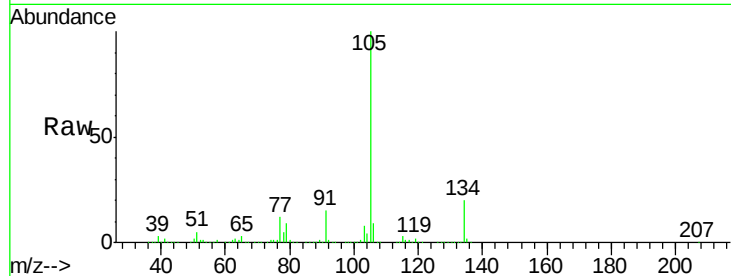
Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 51.992 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

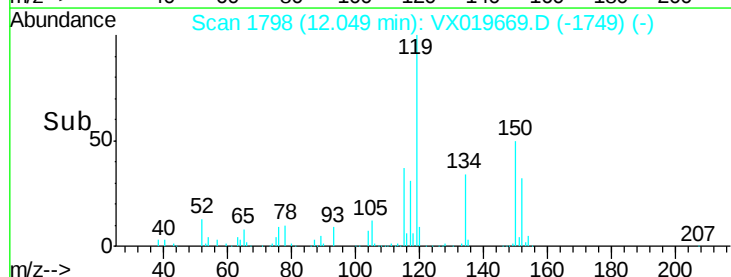
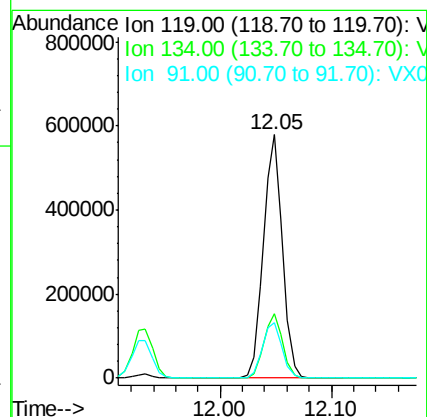
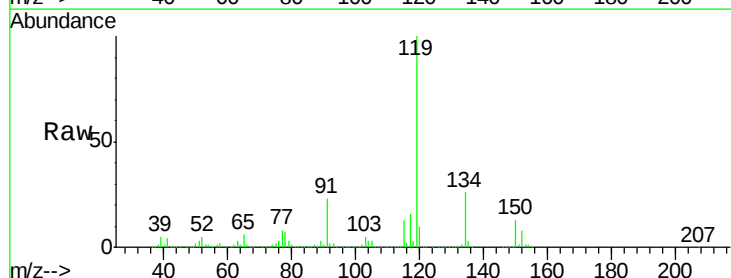
Tgt Ion:119 Resp: 688689

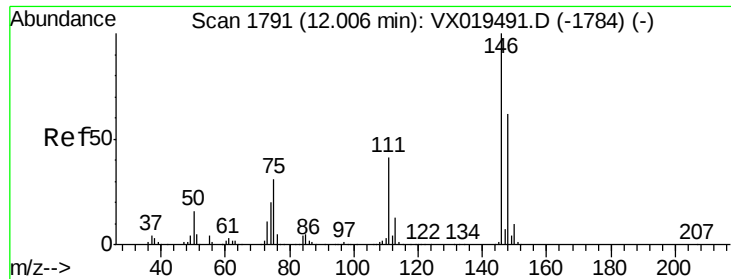
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.5 11.8 35.4





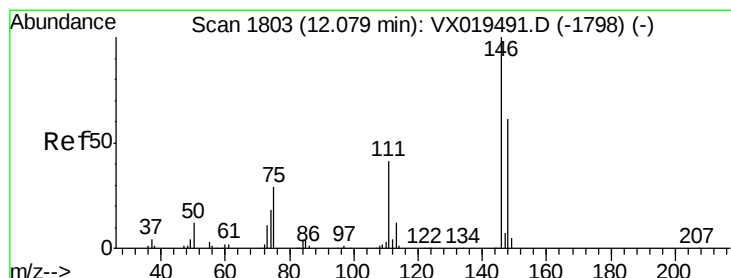
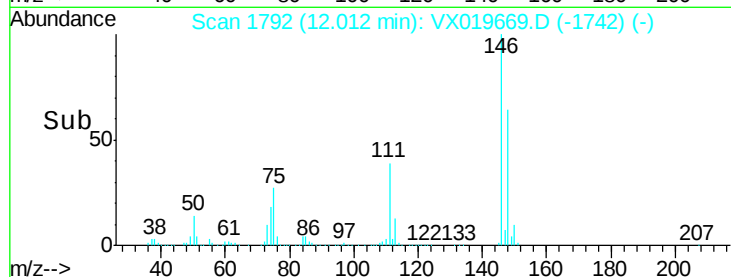
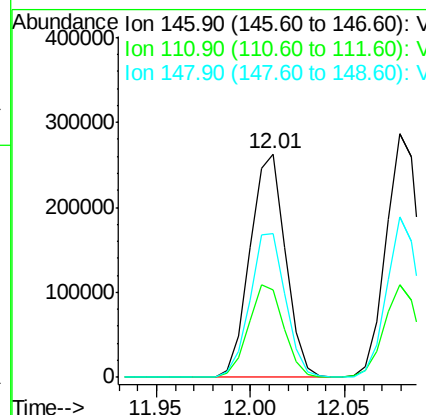
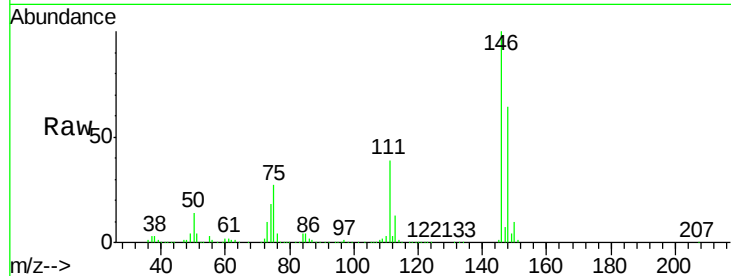
#87
 1,3-Dichlorobenzene
 Concen: 48.547 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.2	60.6
148	64.6	31.4	94.2

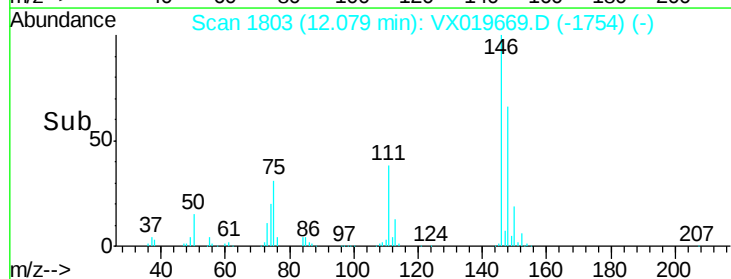
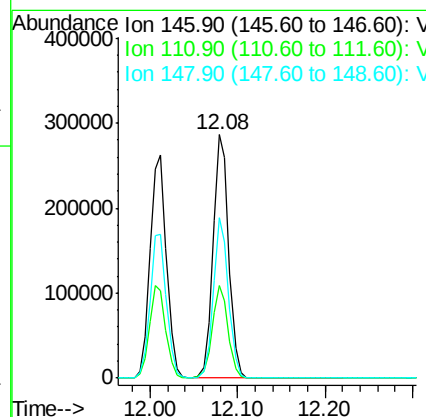
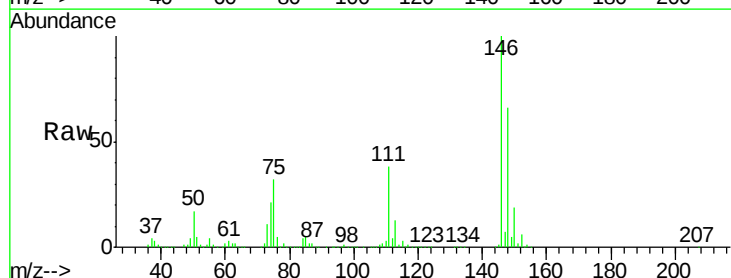
Manual Integrations
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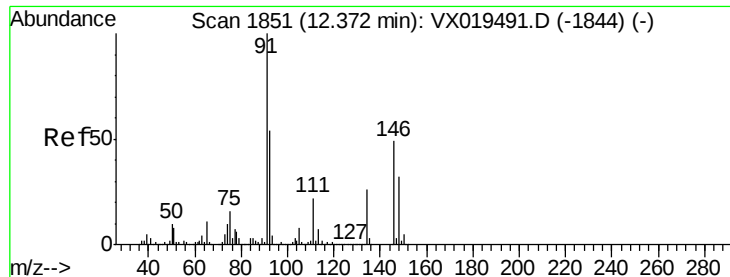
MMDadoda
 12/1/2020 9:35:52 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.066 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.9	59.6
148	63.3	31.7	95.1





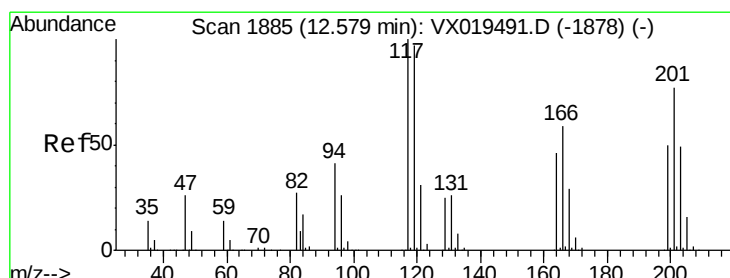
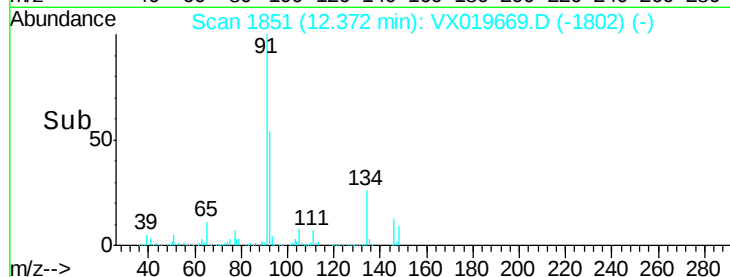
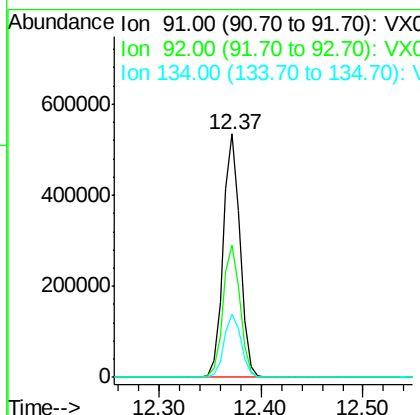
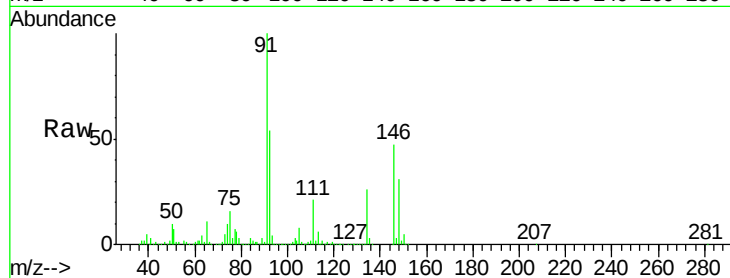
#89
n-Butylbenzene
Concen: 51.117 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	26.9	80.6
134	26.1	12.9	38.6

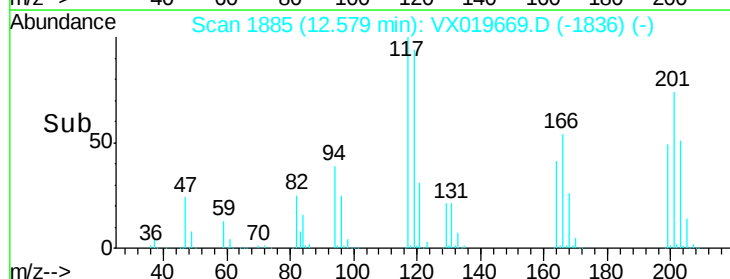
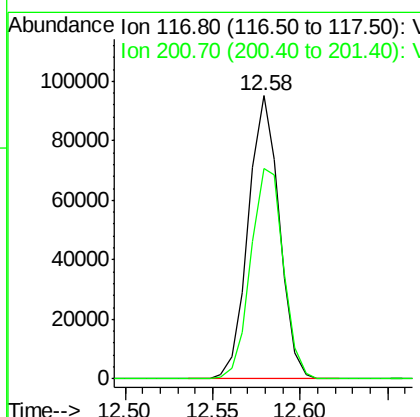
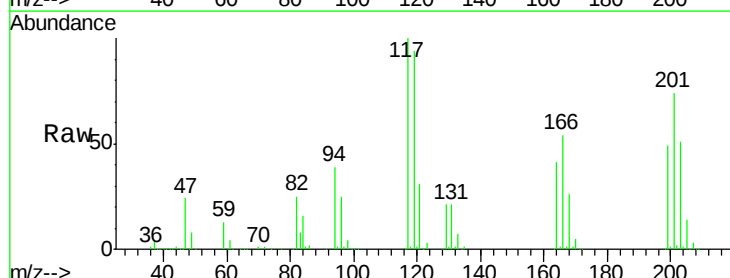
Manual Integrations
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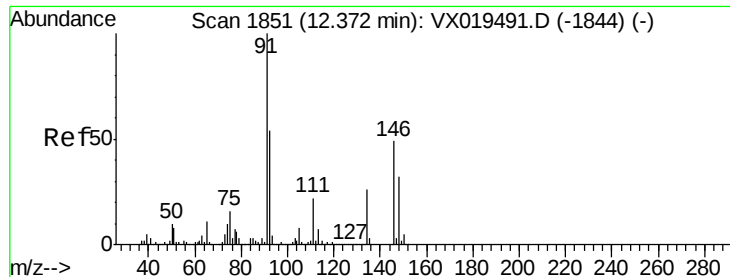
MMDadoda
12/1/2020 9:35:52 AM



#90
Hexachloroethane
Concen: 53.014 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.7	39.4	118.2





#91

1,2-Dichlorobenzene

Concen: 48.125 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

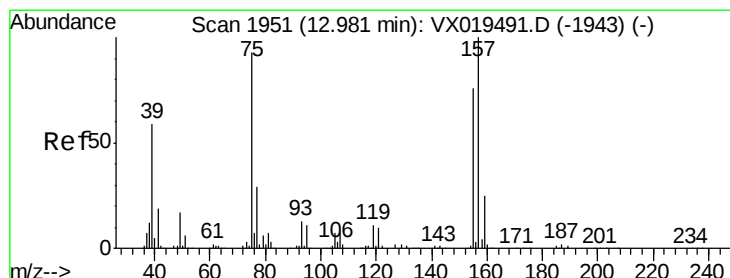
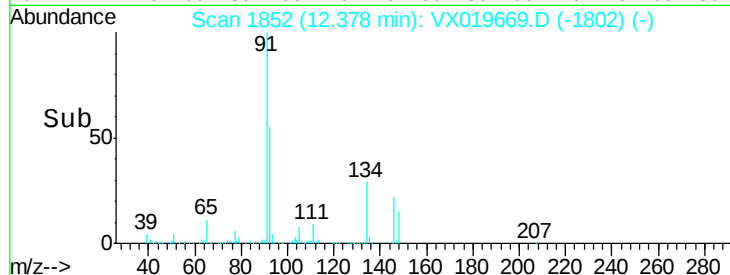
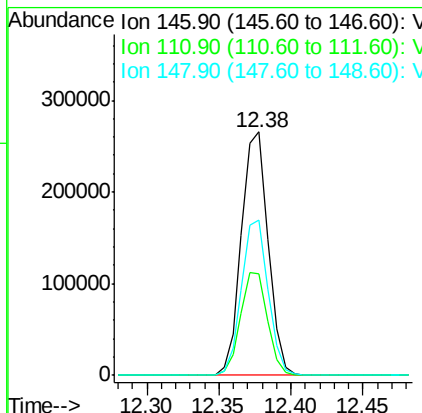
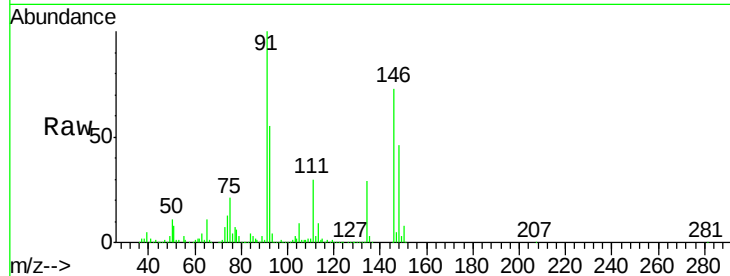
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	342423
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.1	63.3
148	63.6	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 51.285 ug/l

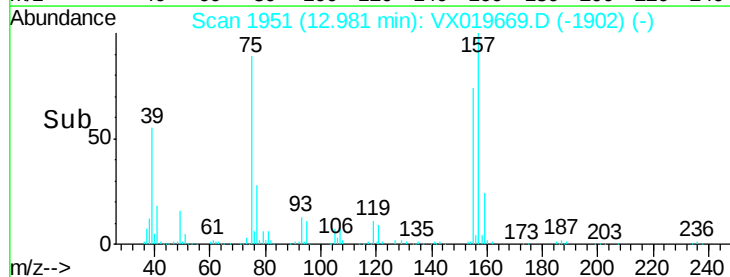
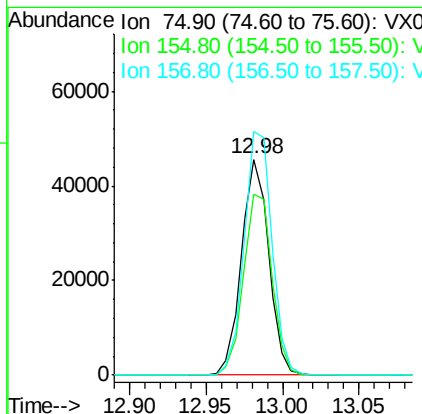
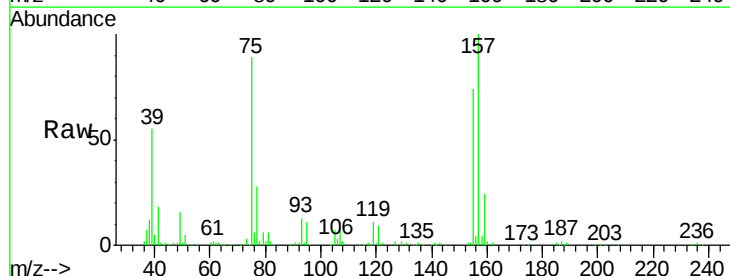
RT: 12.98 min Scan# 1951

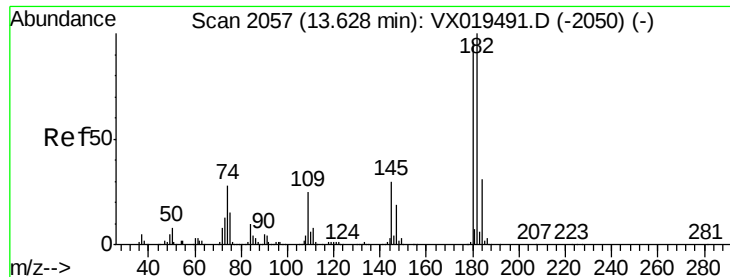
Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion:	75	Resp:	56537
Ion Ratio	Lower	Upper	
75	100		
155	87.7	43.6	130.9
157	115.2	57.0	170.8





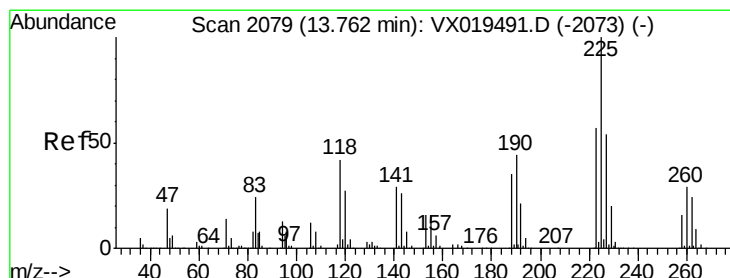
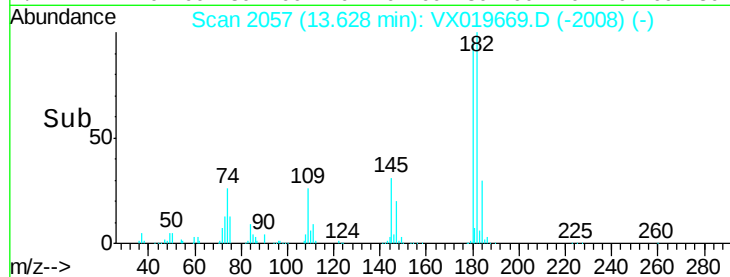
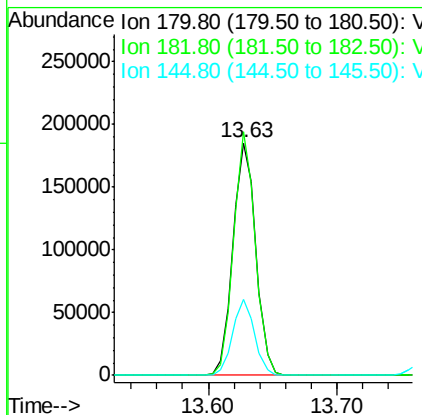
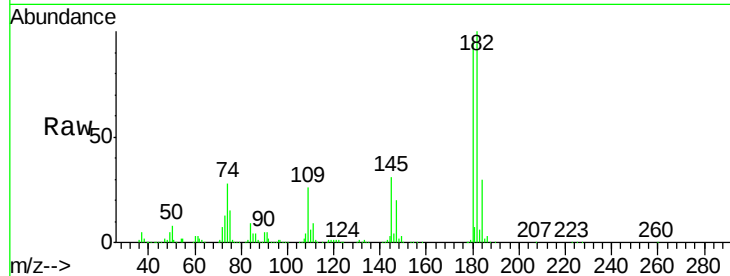
#93
 1,2,4-Trichlorobenzene
 Concen: 50.282 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.6	48.6	145.9	
145	31.3	15.9	47.7	

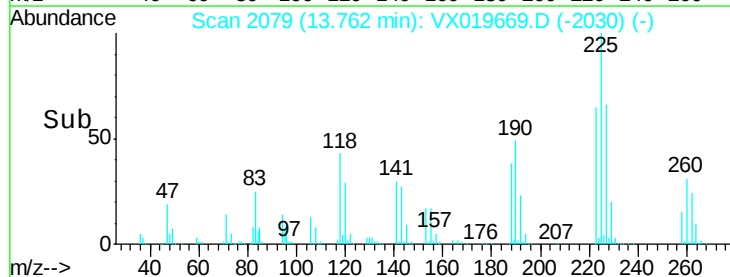
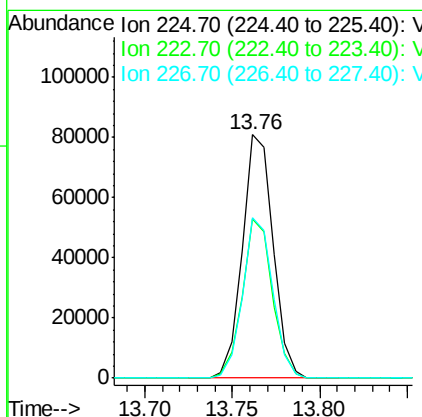
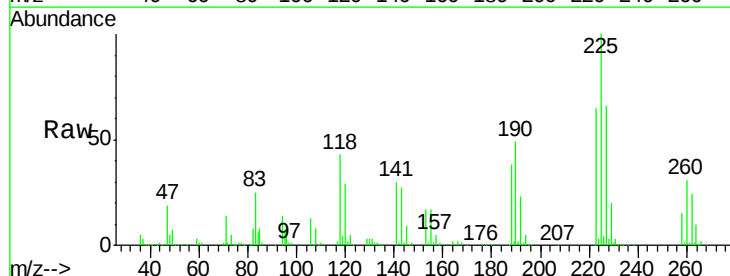
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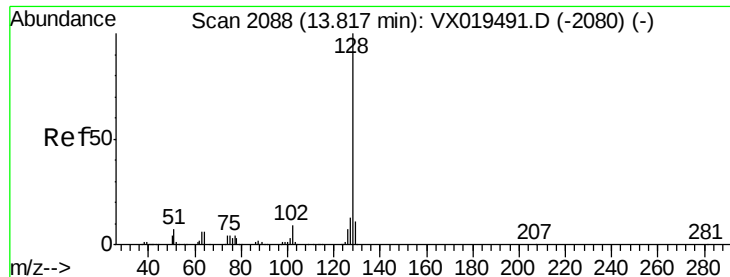
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#94
 Hexachlorobutadiene
 Concen: 47.408 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	32.5	97.5	
227	64.5	32.8	98.3	





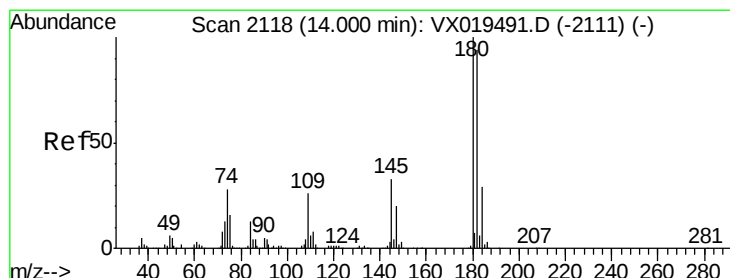
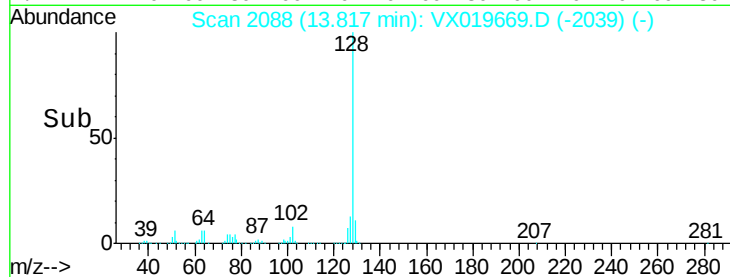
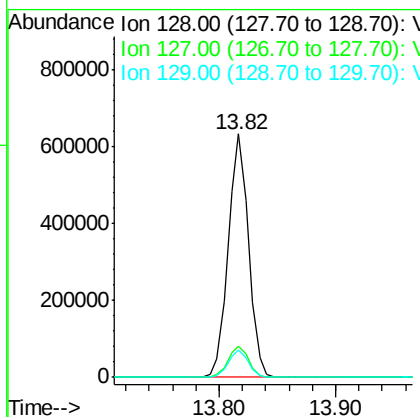
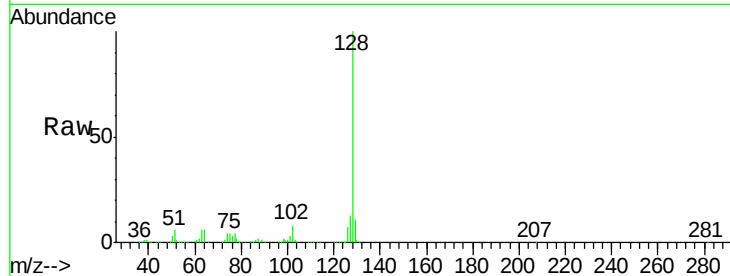
#95
Naphthalene
Concen: 47.611 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.890 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.1	144.3
145	32.6	16.6	49.8

