

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120120\
 Data File : VX019699.D
 Acq On : 01 Dec 2020 16:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:44:03 PM

Quant Time: Dec 02 03:22:55 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	5.63	168	266329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	392048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199056	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170767	49.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.90%
35) Dibromofluoromethane	5.46	113	138451	49.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.12%
50) Toluene-d8	8.70	98	519087	47.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.66%
62) 4-Bromofluorobenzene	11.12	95	193197	48.97	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.94%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	123151	47.550	ug/l	100
3) Chloromethane	1.31	50	134988	45.420	ug/l	99
4) Vinyl Chloride	1.39	62	155894	48.728	ug/l	99
5) Bromomethane	1.62	94	50479	41.657	ug/l	99
6) Chloroethane	1.69	64	36533	46.585	ug/l	96
7) Trichlorofluoromethane	1.90	101	221898	48.055	ug/l	99
8) Diethyl Ether	2.17	74	93946	50.801	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133134	51.680	ug/l	99
10) Methyl Iodide	2.48	142	178529	52.752	ug/l	98
11) Tert butyl alcohol	3.05	59	189326	289.703	ug/l	100
12) 1,1-Dichloroethene	2.34	96	134357	50.814	ug/l	99
13) Acrolein	2.28	56	117055	266.464	ug/l	100
14) Allyl chloride	2.70	41	214947	51.892	ug/l	99
15) Acrylonitrile	3.12	53	422107	273.878	ug/l	100
16) Acetone	2.43	43	347990	260.587	ug/l	100
17) Carbon Disulfide	2.54	76	318569	44.848	ug/l	99
18) Methyl Acetate	2.75	43	185053	56.435	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	497662	54.527	ug/l	99
20) Methylene Chloride	2.83	84	163554	49.002	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	152036	50.751	ug/l	97
22) Diisopropyl ether	3.83	45	456181	53.237	ug/l	93
23) Vinyl Acetate	3.79	43	1965269	273.430	ug/l	100
24) 1,1-Dichloroethane	3.67	63	275830	52.627	ug/l	99
25) 2-Butanone	4.64	43	536193	267.290	ug/l	99
26) 2,2-Dichloropropane	4.54	77	231521	50.608	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	179233	52.085	ug/l	99
28) Bromochloromethane	4.98	49	117582	46.924	ug/l	99
29) Tetrahydrofuran	5.09	42	343299	268.214	ug/l	99
30) Chloroform	5.17	83	285388	52.074	ug/l	98
31) Cyclohexane	5.54	56	223220	49.701	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	244249	51.883	ug/l	99
36) 1,1-Dichloropropene	5.76	75	205243	48.694	ug/l	99
37) Ethyl Acetate	4.80	43	209105	52.844	ug/l	99
38) Carbon Tetrachloride	5.75	117	206438	50.600	ug/l	100

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Manual Integrations
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MMDadoda
 12/2/2020 12:44:03 PM

Quant Time: Dec 02 03:22:55 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)
39) Methylcyclohexane	7.43	83	233188	47.515	ug/l	100
40) Benzene	6.11	78	637653	49.238	ug/l	99
41) Methacrylonitrile	5.01	41	114301	52.382	ug/l	99
42) 1,2-Dichloroethane	6.16	62	221493	49.899	ug/l	100
43) Isopropyl Acetate	6.42	43	342921	51.554	ug/l	99
44) Trichloroethene	7.18	130	164318	48.439	ug/l	95
45) 1,2-Dichloropropane	7.49	63	161745	50.733	ug/l	99
46) Dibromomethane	7.63	93	109432	50.151	ug/l	99
47) Bromodichloromethane	7.87	83	217584	51.387	ug/l	98
48) Methyl methacrylate	7.74	41	165483	53.122	ug/l	99
49) 1,4-Dioxane	7.72	88	79609	1125.517	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1039274	267.936	ug/l	100
52) Toluene	8.76	92	393735	49.698	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	235085	51.408	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	262691	51.764	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	162639	50.407	ug/l	98
56) Ethyl methacrylate	9.16	69	245369	53.743	ug/l	99
57) 1,3-Dichloropropane	9.35	76	273910	50.706	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	650280	243.075	ug/l	100
59) 2-Hexanone	9.48	43	792453	269.379	ug/l	100
60) Dibromochloromethane	9.56	129	164324	51.995	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169763	51.043	ug/l	100
64) Tetrachloroethene	9.32	164	133020	43.164	ug/l	98
65) Chlorobenzene	10.12	112	407202	50.518	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	155762	53.126	ug/l	98
67) Ethyl Benzene	10.23	91	736800	52.178	ug/l	99
68) m/p-Xylenes	10.34	106	551189	104.770	ug/l	100
69) o-Xylene	10.68	106	266120	52.916	ug/l	100
70) Styrene	10.70	104	460992	49.536	ug/l	100
71) Bromoform	10.84	173	120011	48.441	ug/l	97
73) Isopropylbenzene	11.00	105	715138	51.933	ug/l	100
74) N-amyl acetate	10.88	43	293125	56.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	257399	52.270	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	227949m	52.474	ug/l	
77) Bromobenzene	11.24	156	176673	50.258	ug/l	99
78) n-propylbenzene	11.34	91	807963	51.146	ug/l	100
79) 2-Chlorotoluene	11.40	91	492985	51.458	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	599758	51.920	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	80238	49.897	ug/l	99
82) 4-Chlorotoluene	11.49	91	576467	51.114	ug/l	99
83) tert-Butylbenzene	11.76	119	597209	53.439	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	616193	52.720	ug/l	99
85) sec-Butylbenzene	11.93	105	672416	50.576	ug/l	100
86) p-Isopropyltoluene	12.05	119	622955	51.608	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322935	50.022	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	326011	49.025	ug/l	99
89) n-Butylbenzene	12.37	91	534124	48.945	ug/l	99
90) Hexachloroethane	12.58	117	104983	51.975	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	327696	50.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55208	54.954	ug/l	99

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ClientSampleId :
VSTDCCC050EC

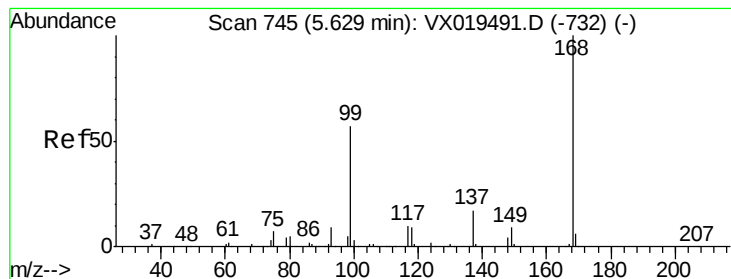
Manual Integrations
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12/2/2020 12:44:03 PM

Quant Time: Dec 02 03:22:55 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)
93) 1,2,4-Trichlorobenzene	13.63	180	210857	50.652	ug/l	97
94) Hexachlorobutadiene	13.77	225	82714	43.617	ug/l	99
95) Naphthalene	13.82	128	748563	50.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	212953	51.142	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:168 Resp: 266329

Ion Ratio Lower Upper

168 100

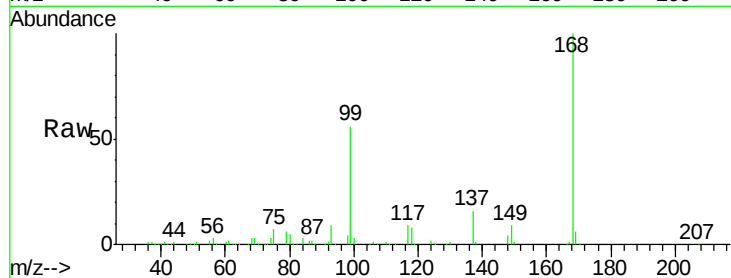
99 55.4 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

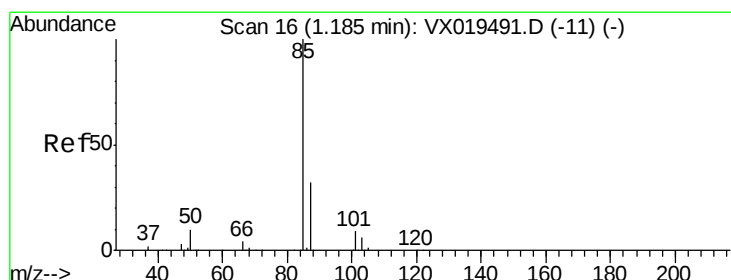
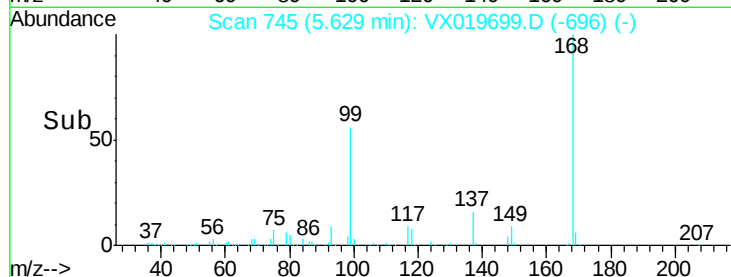
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.550 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019699.D

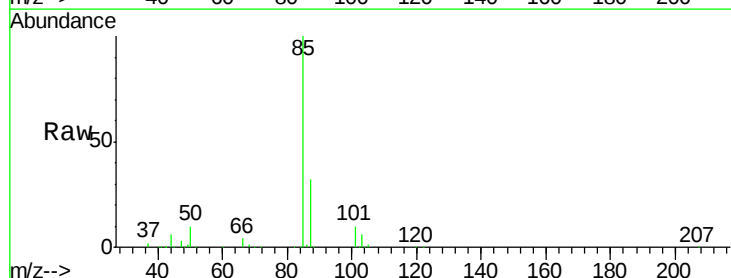
Acq: 01 Dec 2020 16:44

Tgt Ion: 85 Resp: 123151

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

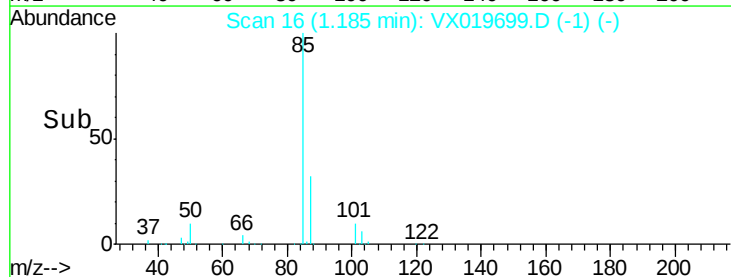
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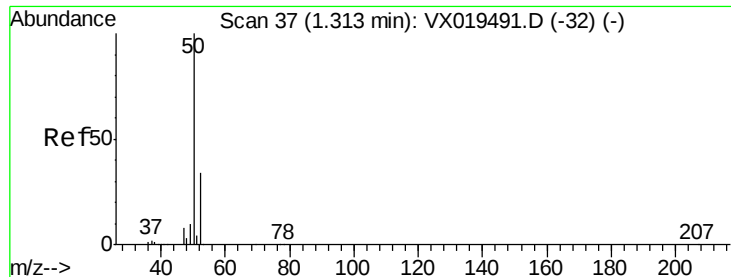
100000

50000

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Time-->





#3

Chloromethane

Concen: 45.420 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 134988

Ion Ratio Lower Upper

50 100

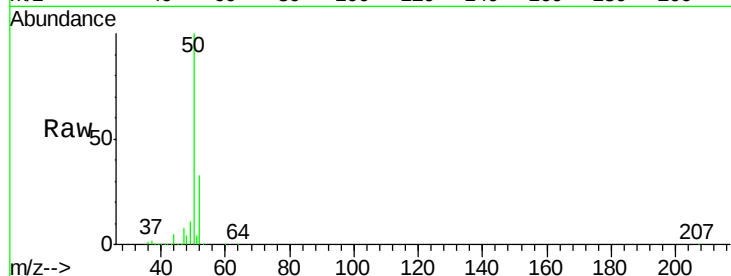
52 33.3 27.0 40.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

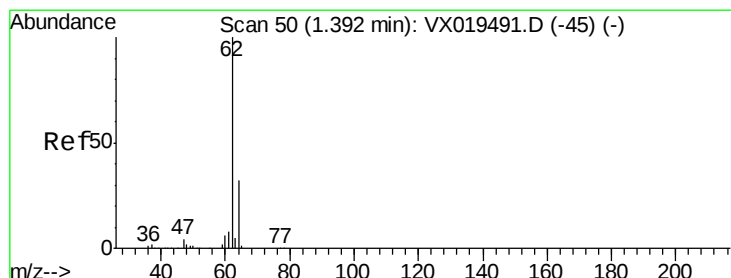
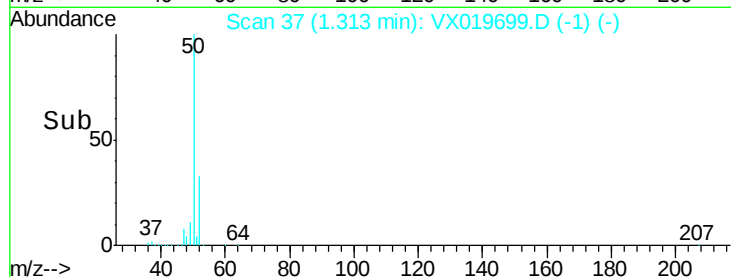
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.728 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019699.D

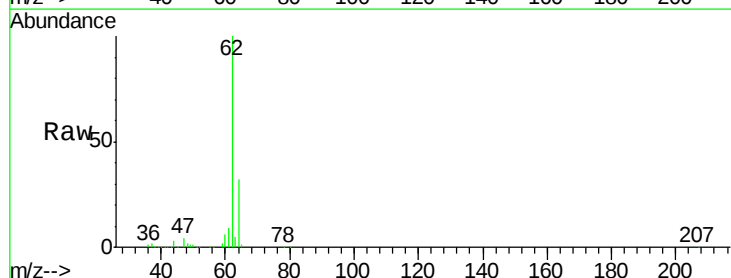
Acq: 01 Dec 2020 16:44

Tgt Ion: 62 Resp: 155894

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

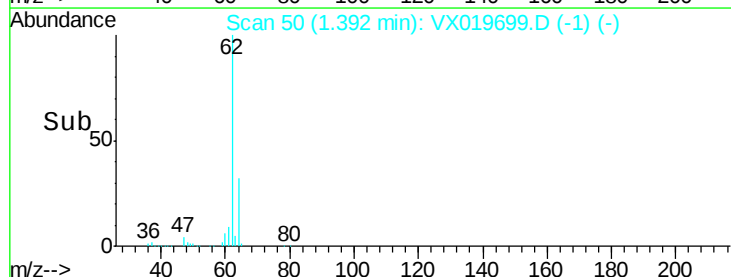
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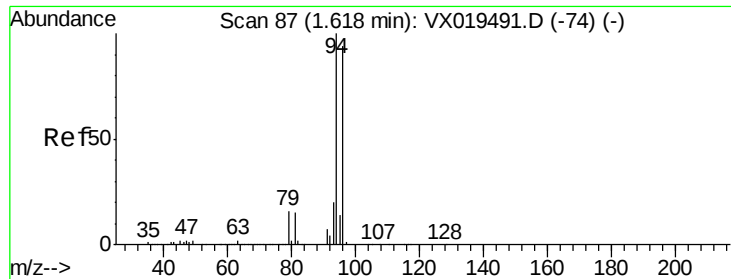
100000

50000

0

Time-->





#5

Bromomethane

Concen: 41.657 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 50479

Ion Ratio Lower Upper

94 100

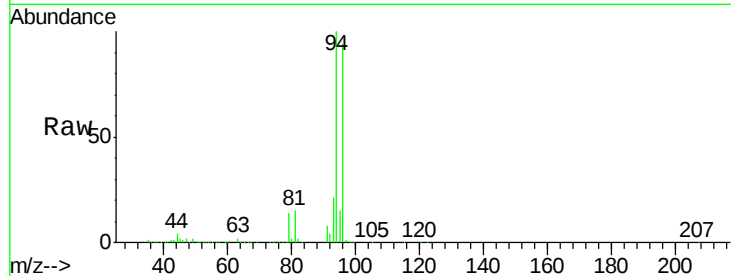
96 93.9 75.6 113.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

60000

50000

40000

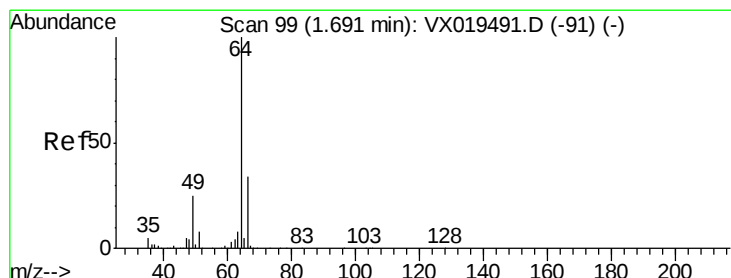
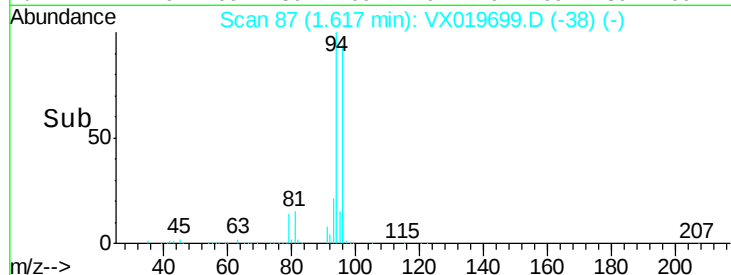
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 46.585 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019699.D

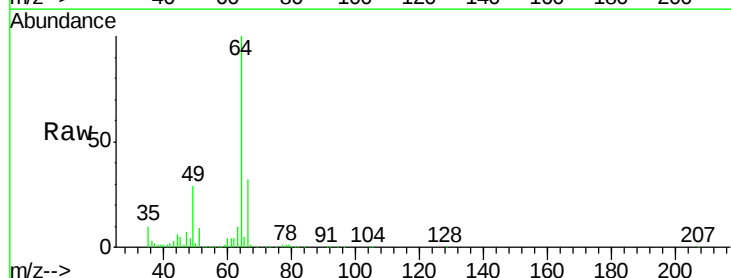
Acq: 01 Dec 2020 16:44

Tgt Ion: 64 Resp: 36533

Ion Ratio Lower Upper

64 100

66 31.7 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.69

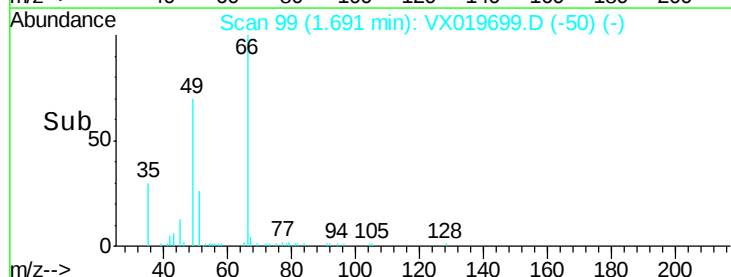
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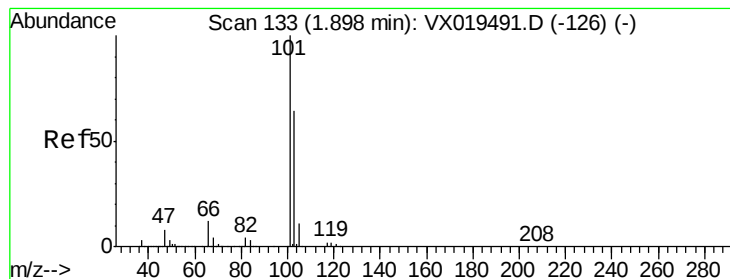
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10000

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Time-->





#7

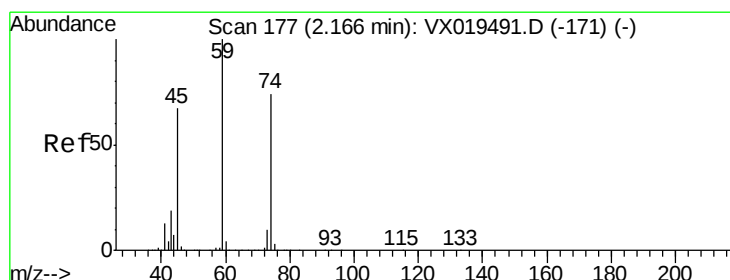
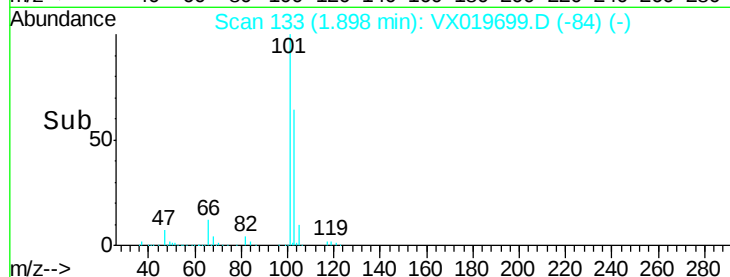
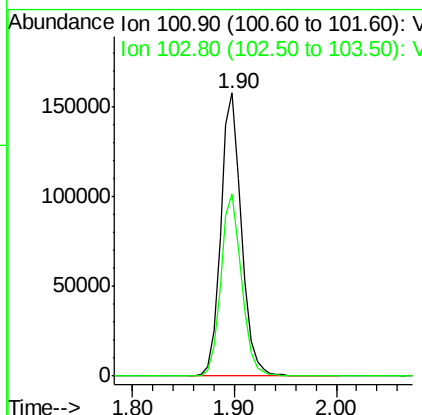
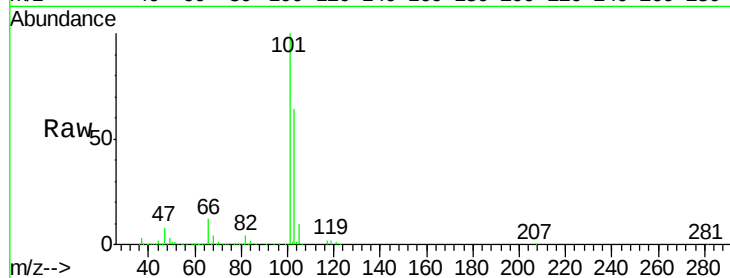
Trichlorofluoromethane
Concen: 48.055 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.9	76.3

Manual Integrations
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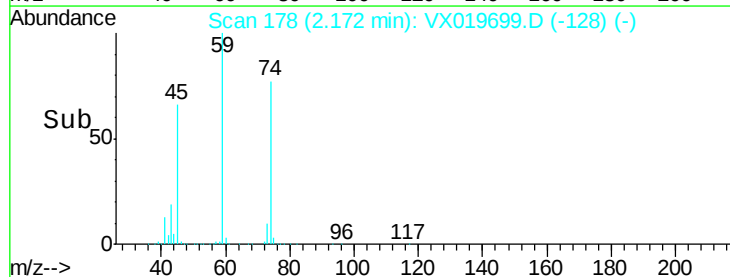
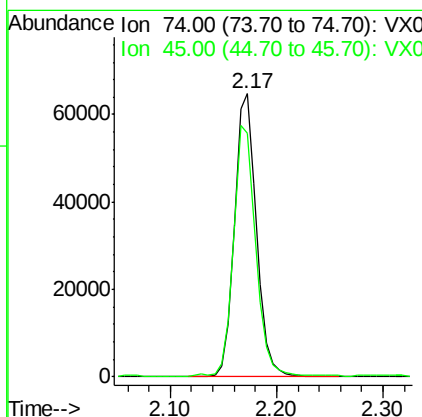
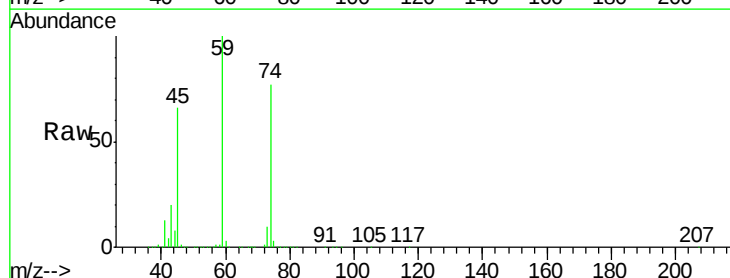
MMDadoda
12/2/2020 12:44:03 PM

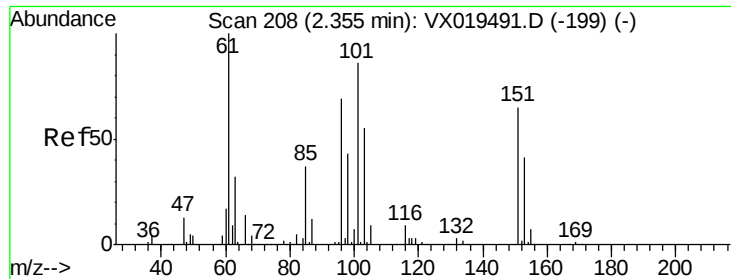


#8

Diethyl Ether
Concen: 50.801 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.9	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.680 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

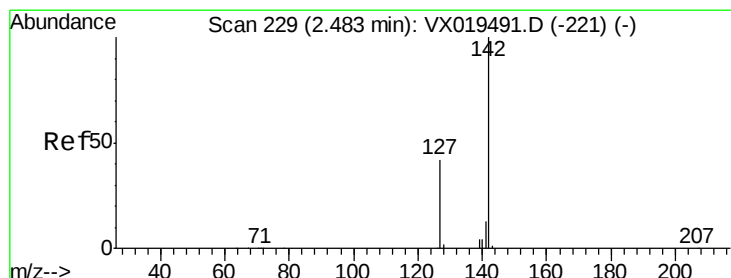
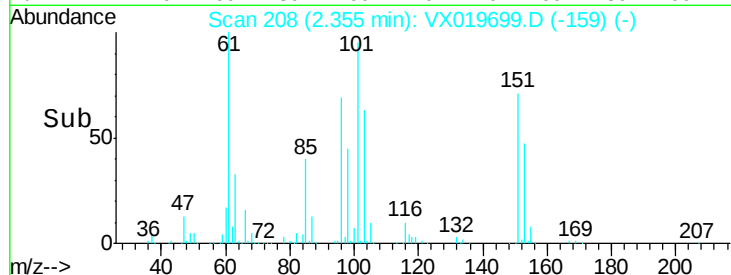
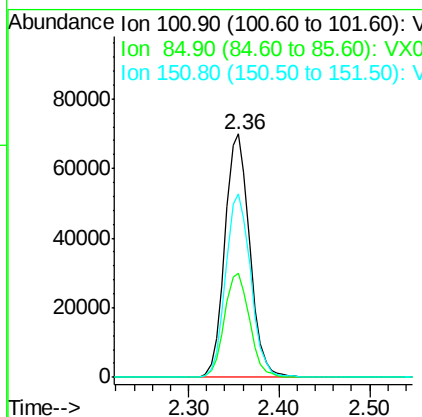
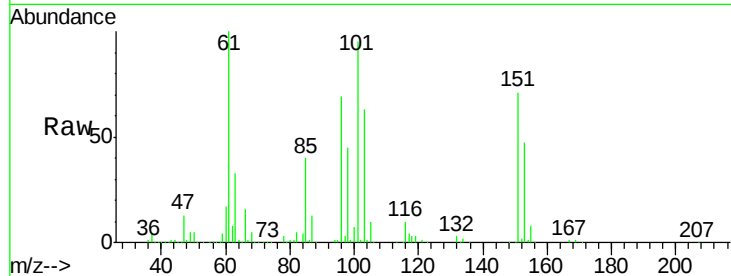
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	133134
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.9	50.9
151	76.3	60.9	91.3

Manual Integrations
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12/2/2020 12:44:03 PM



#10

Methyl Iodide

Concen: 52.752 ug/l

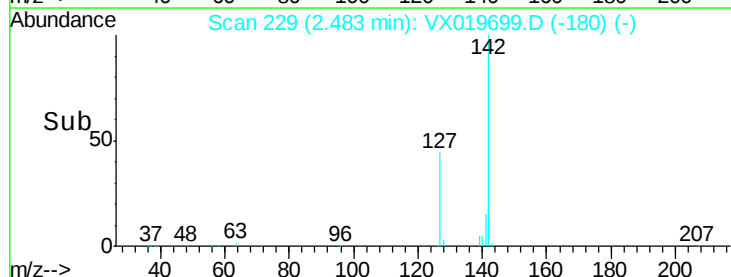
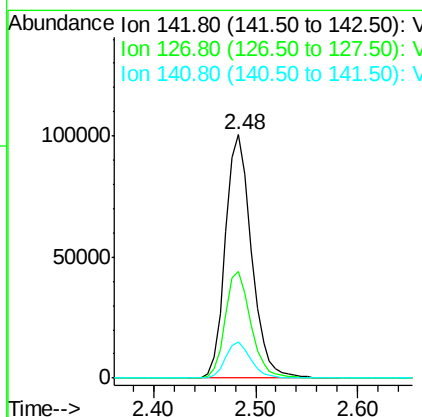
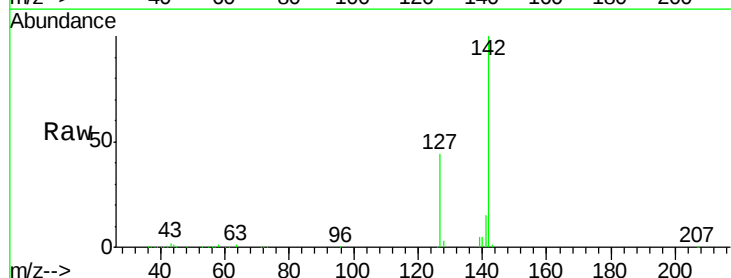
RT: 2.48 min Scan# 229

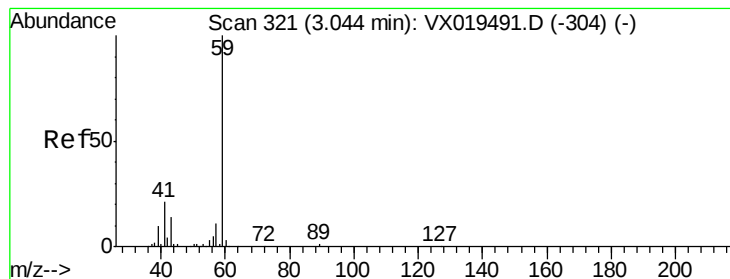
Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion:	142	Resp:	178529
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.8	50.6
141	14.4	11.0	16.6





#11

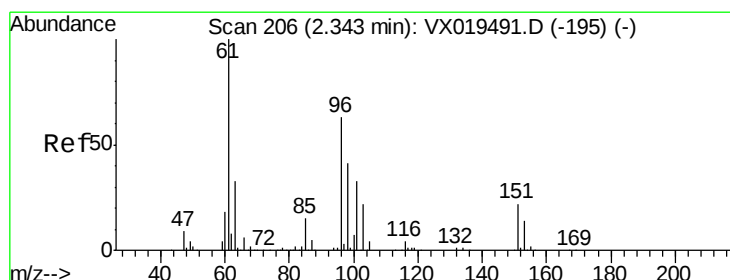
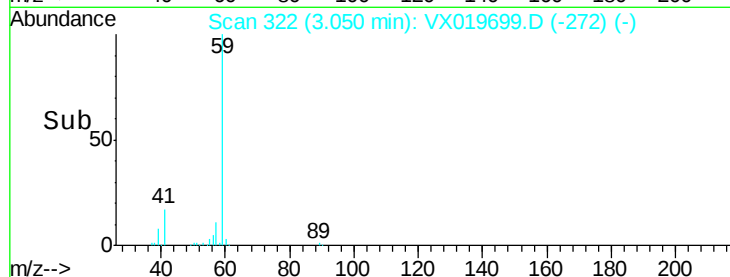
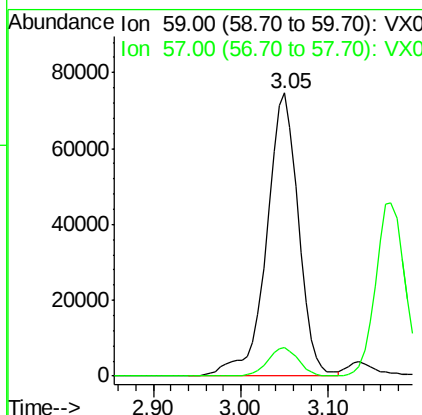
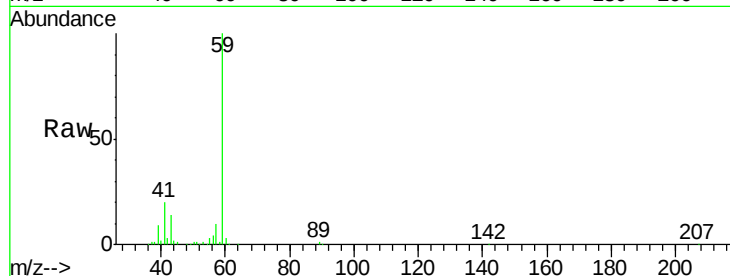
Tert butyl alcohol
 Concen: 289.703 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	189326		
57	9.8		7.9	11.9

Manual Integrations
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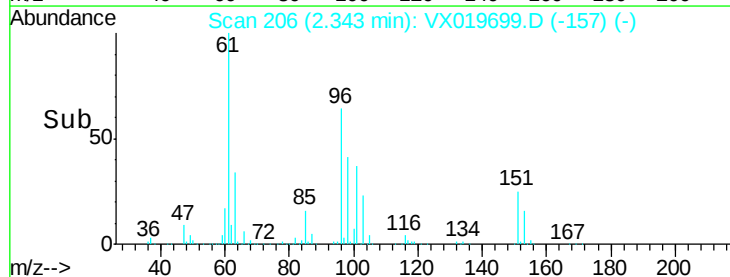
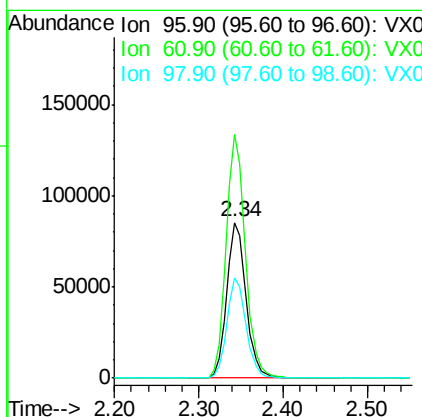
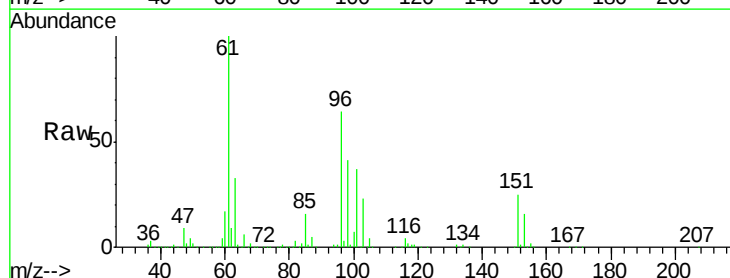
MMDadoda
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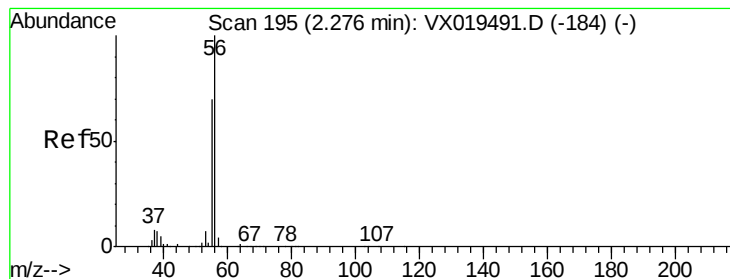


#12

1,1-Dichloroethene
 Concen: 50.814 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	134357		
61	156.5		126.0	189.0
98	64.1		52.0	78.0





#13

Acrolein

Concen: 266.464 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 117055

Ion Ratio Lower Upper

56 100

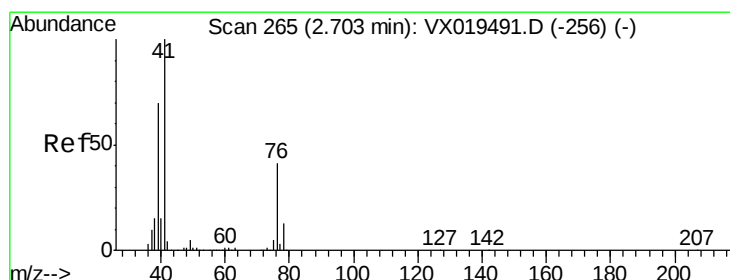
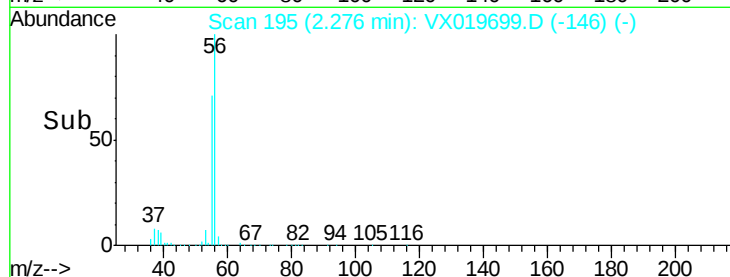
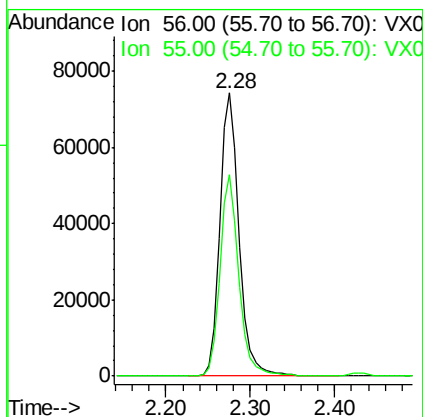
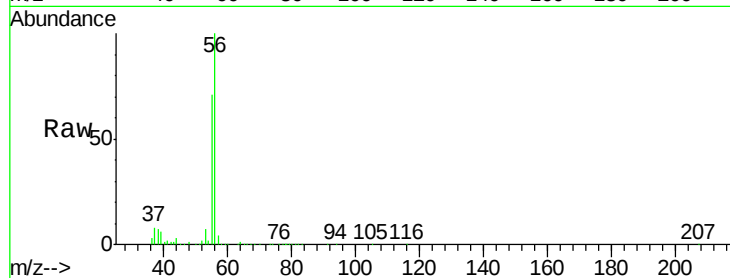
55 69.6 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 51.892 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

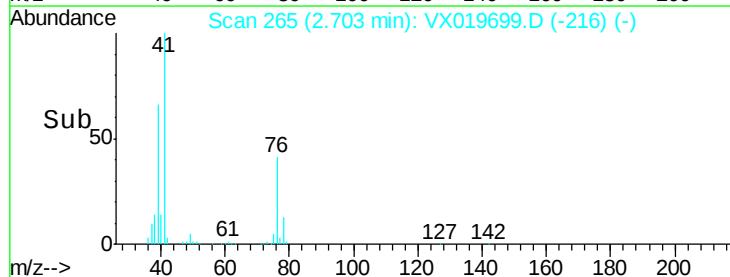
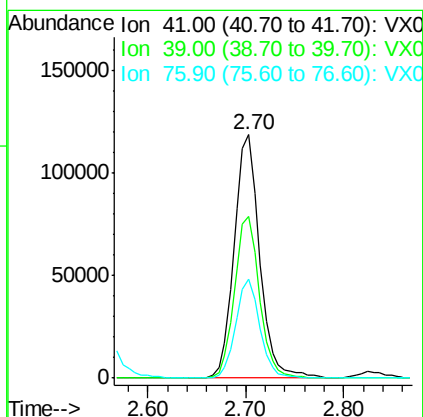
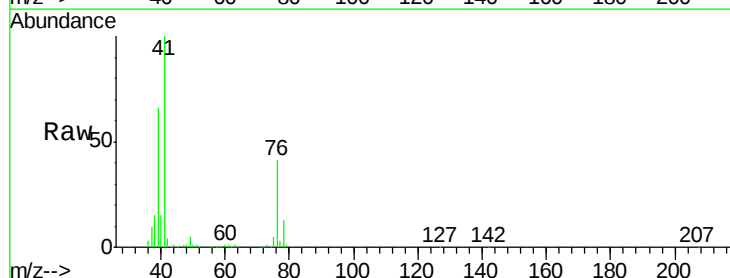
Tgt Ion: 41 Resp: 214947

Ion Ratio Lower Upper

41 100

39 65.0 53.0 79.4

76 38.5 31.0 46.6





#15

Acrylonitrile

Concen: 273.878 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

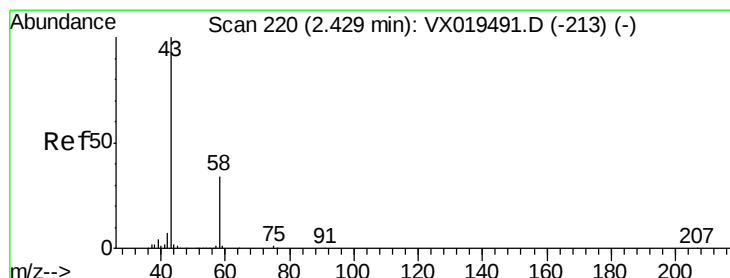
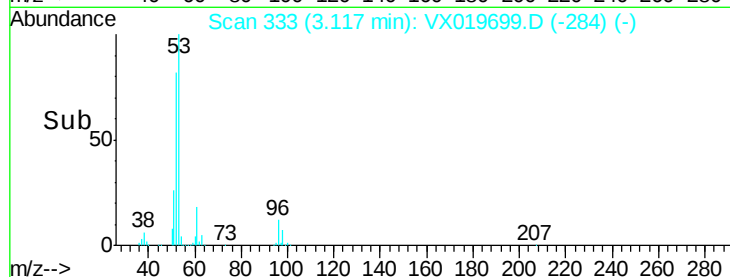
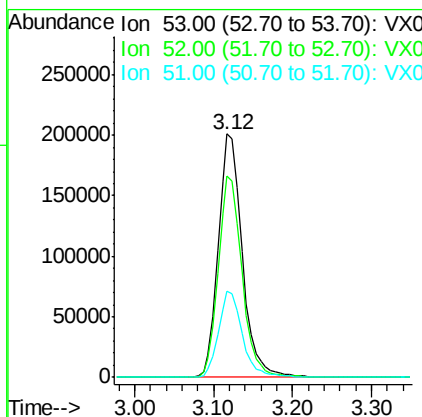
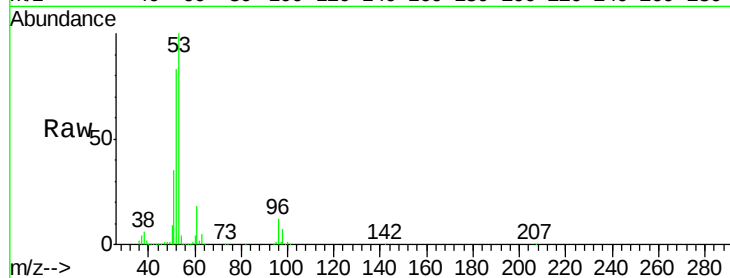
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	422107
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.2	99.2
51	35.3	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 260.587 ug/l

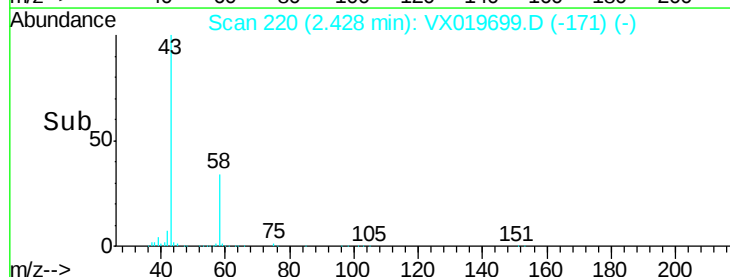
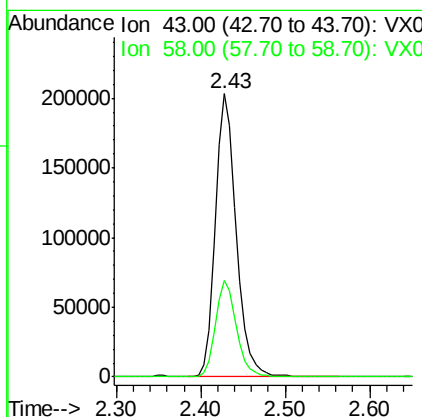
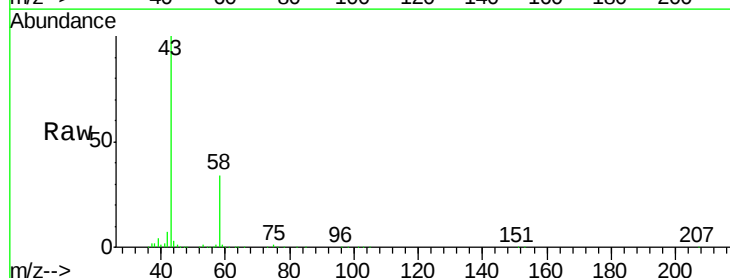
RT: 2.43 min Scan# 220

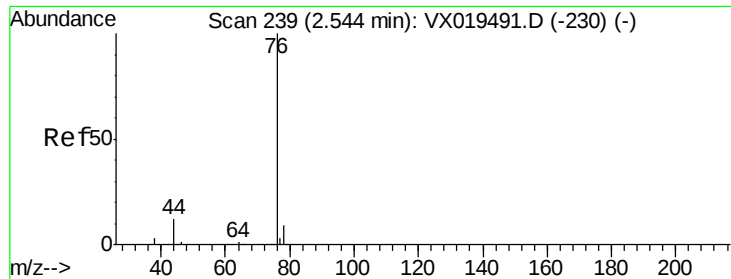
Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion:	43	Resp:	347990
Ion Ratio		Lower	Upper
43	100		
58	34.2	27.4	41.2





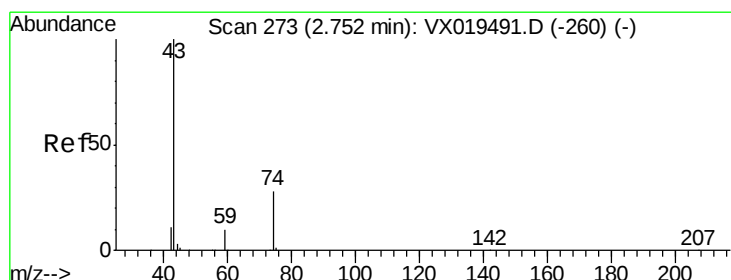
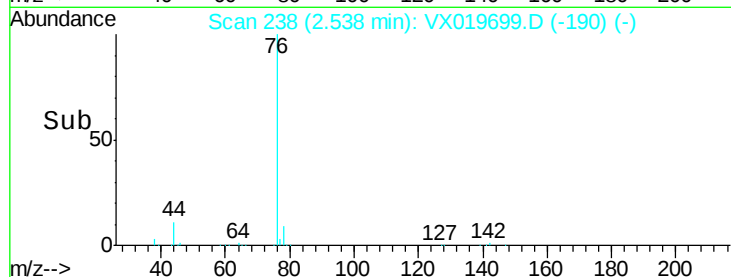
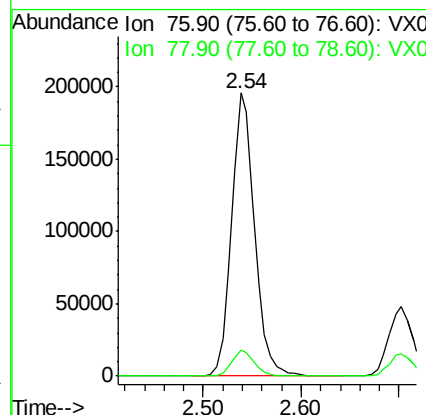
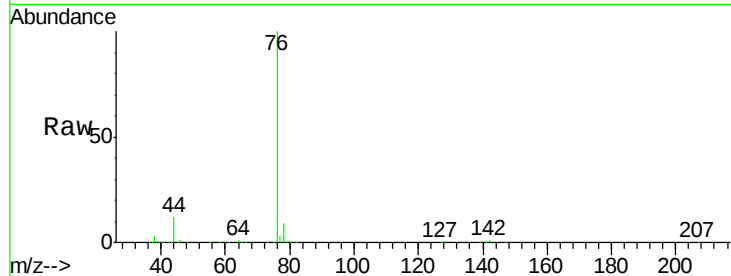
#17
Carbon Disulfide
Concen: 44.848 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

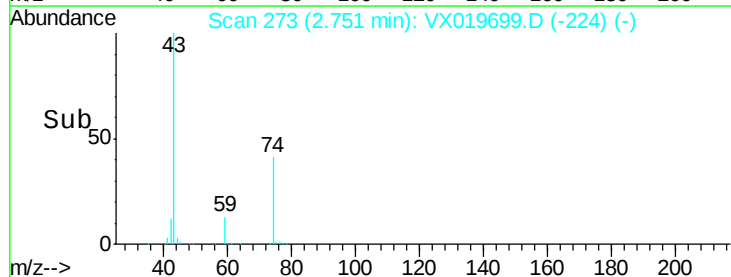
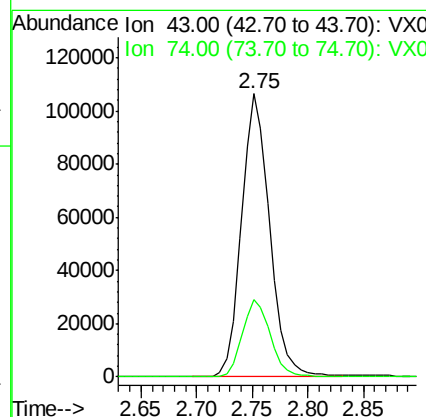
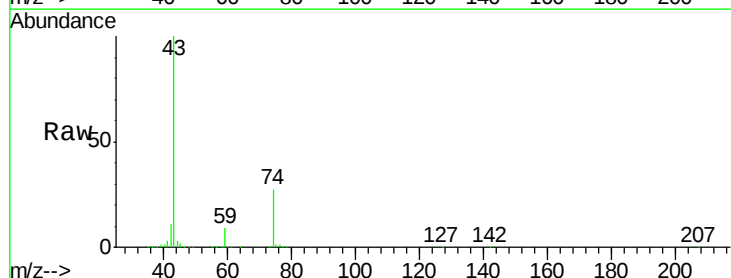
Manual Integrations
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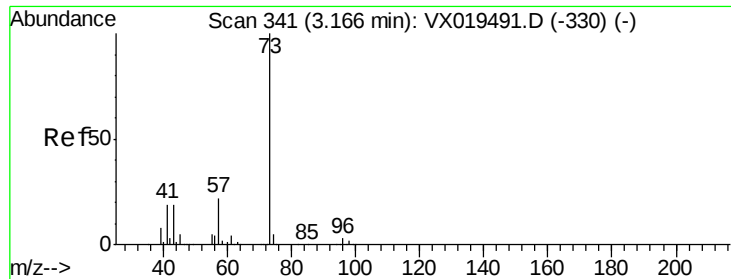
MMDadoda
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#18
Methyl Acetate
Concen: 56.435 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	22.2	33.4





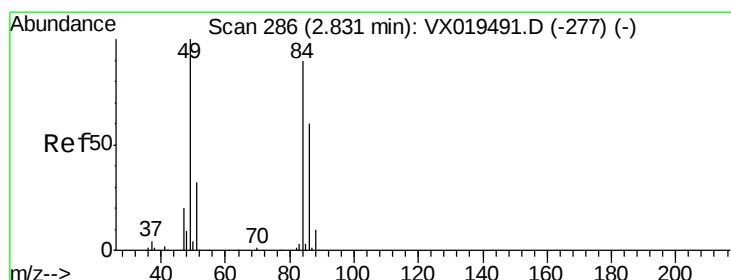
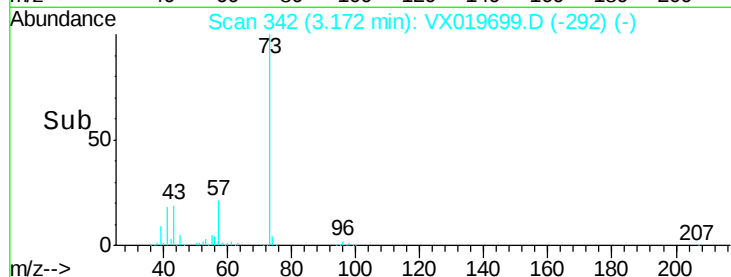
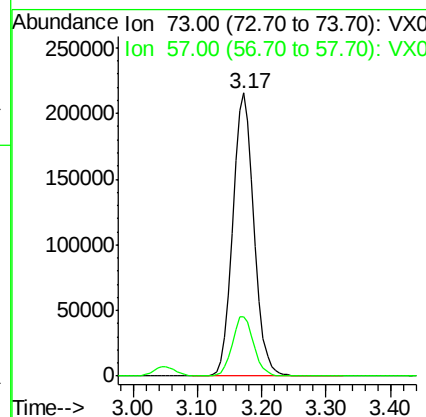
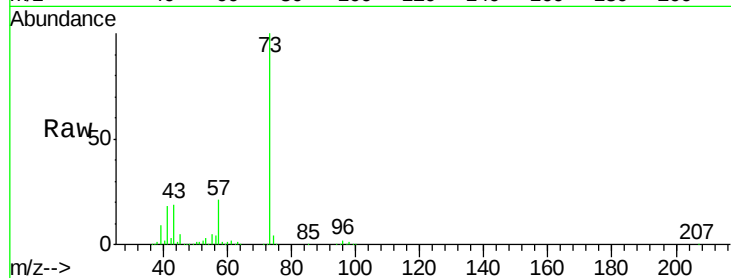
#19
Methvl tert-butvl Ether
Concen: 54.527 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.3	25.9

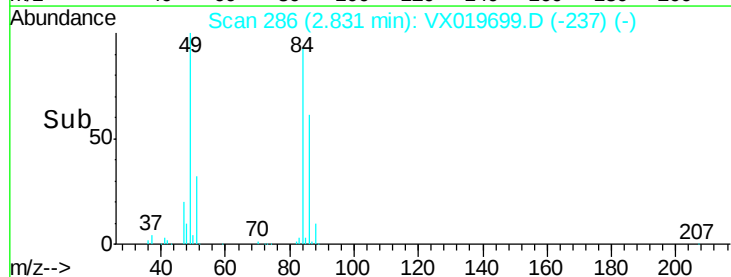
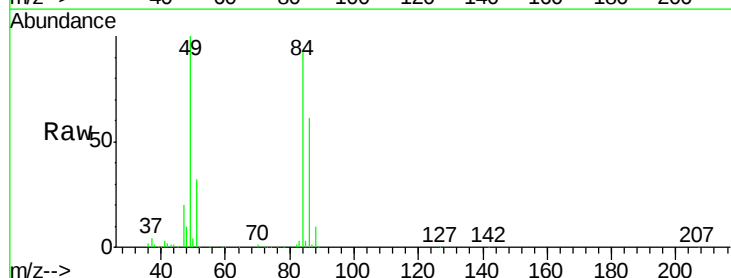
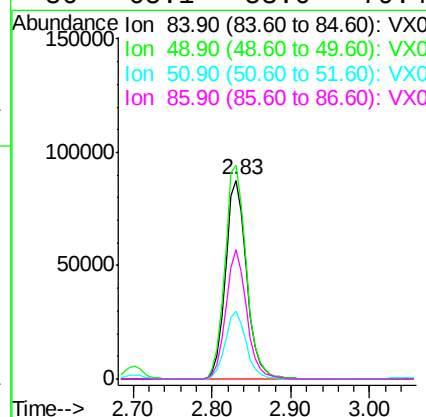
Manual Integrations
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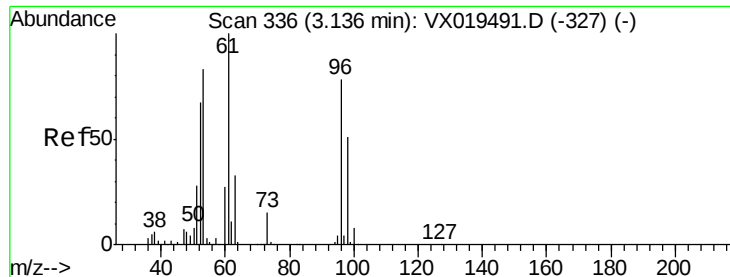
MMDadoda
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#20
Methylene Chloride
Concen: 49.002 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.5	88.5	132.7
51	34.2	28.0	42.0
86	65.1	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 50.751 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 152036

Ion Ratio Lower Upper

96 100

61 132.2 102.9 154.3

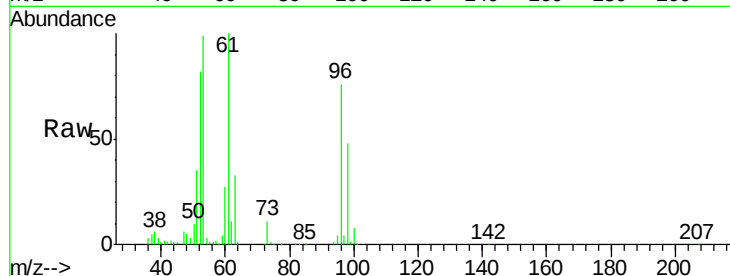
98 63.1 52.1 78.1

Manual Integrations

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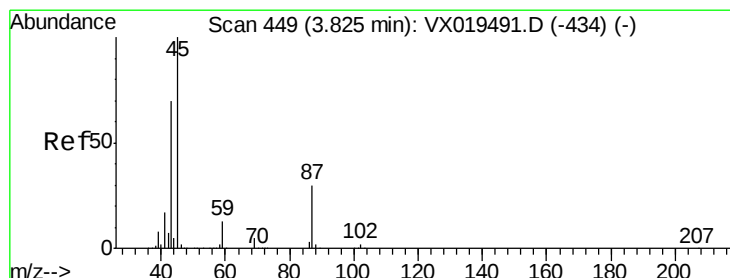
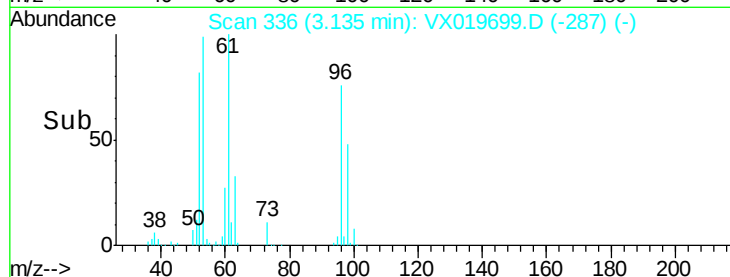
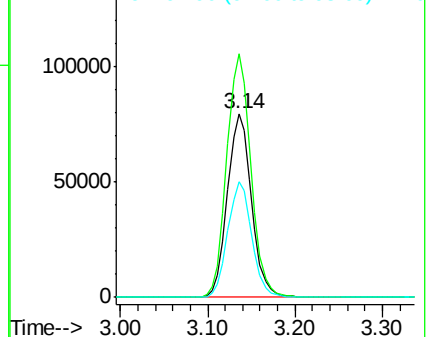
12/2/2020 12:44:03 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.237 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion: 45 Resp: 456181

Ion Ratio Lower Upper

45 100

43 62.0 56.1 84.1

87 31.2 24.2 36.2

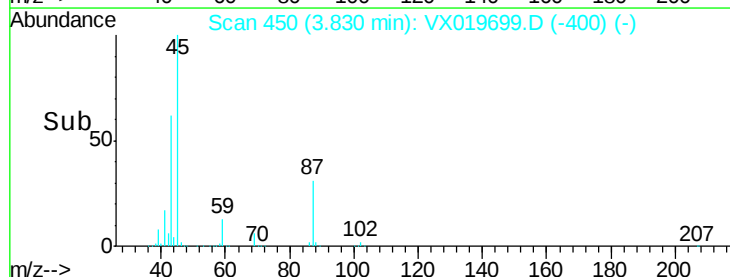
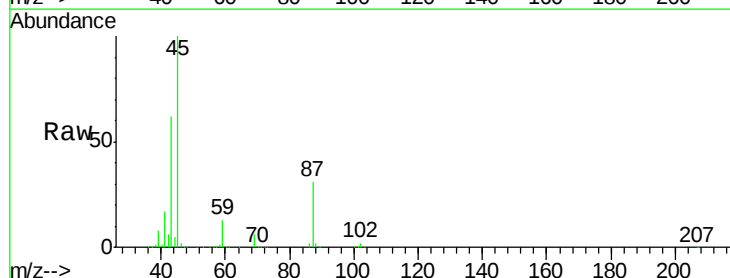
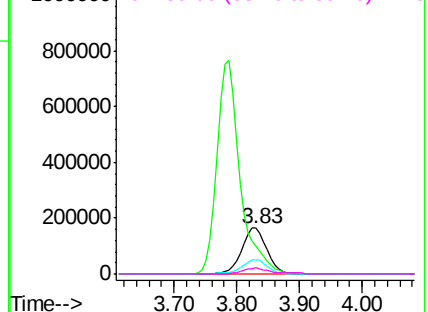
59 12.8 10.2 15.2

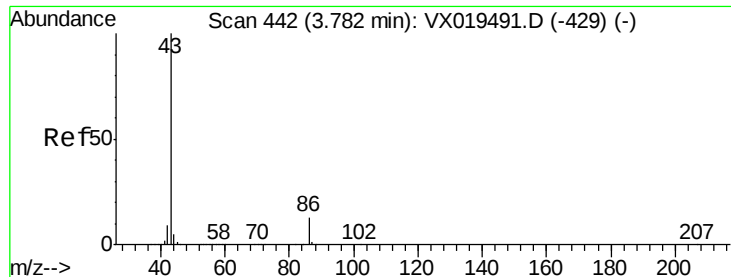
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 273.430 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tot Ion: 43 Resp: 1965269

Ion Ratio Lower Upper

43 100

86 12.7 10.2 15.2

Instrument :

MSVOA_X

ClientSampleId :

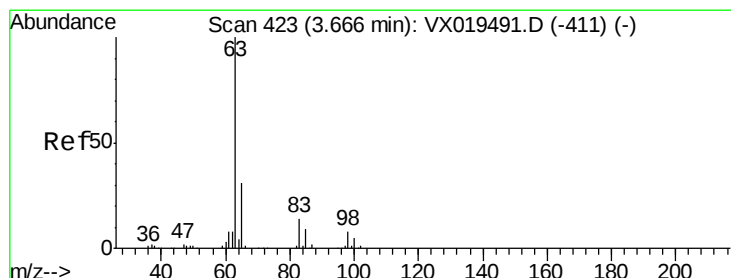
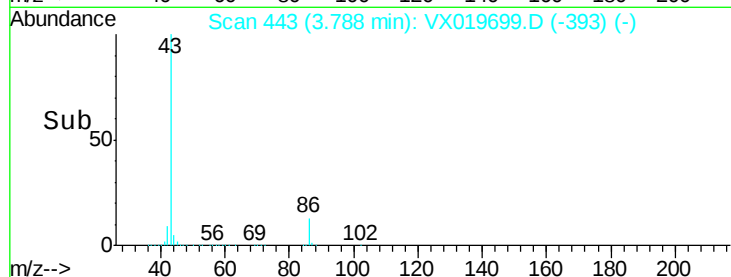
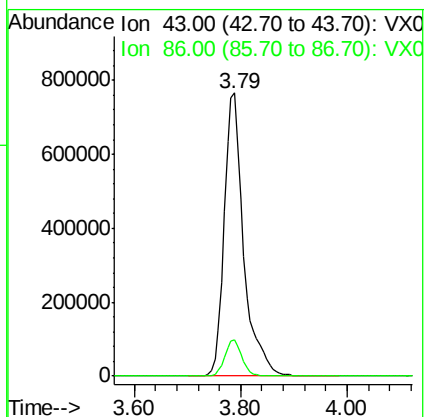
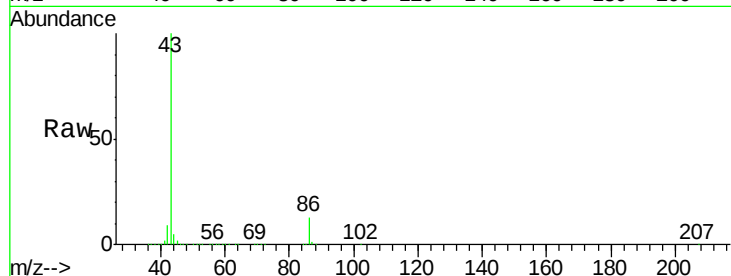
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 52.627 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

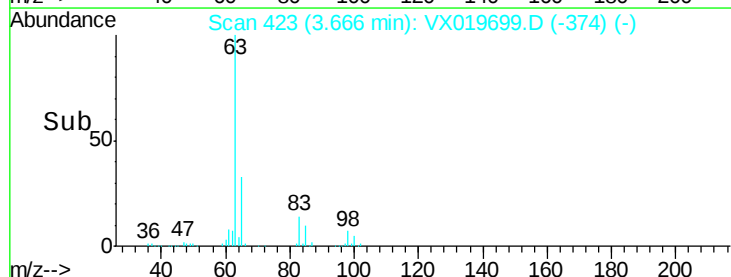
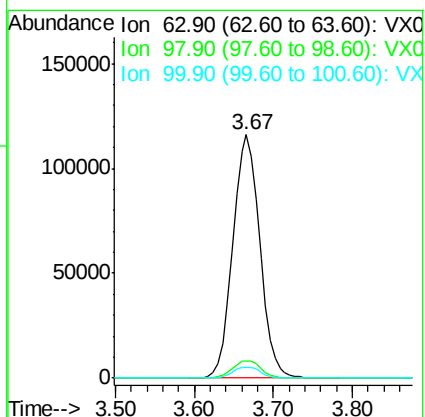
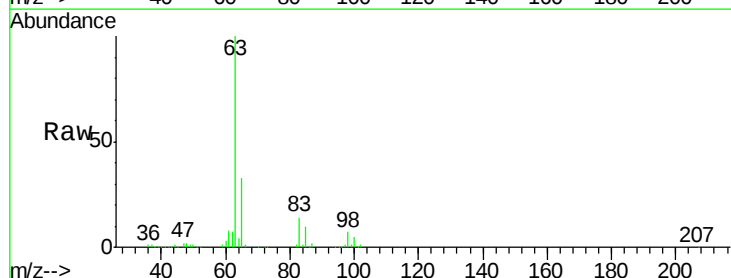
Tgt Ion: 63 Resp: 275830

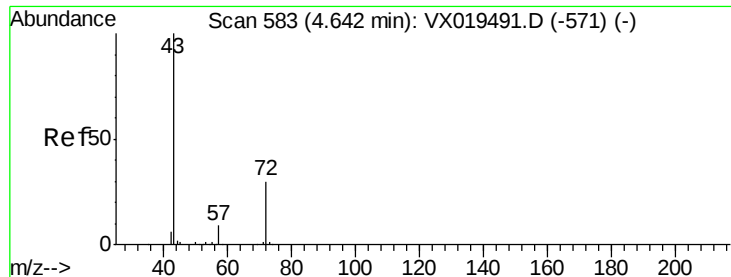
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 267.290 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tot Ion: 43 Resp: 536193

Ion Ratio Lower Upper

43 100

72 30.4 24.0 36.0

Instrument :

MSVOA_X

ClientSampleId :

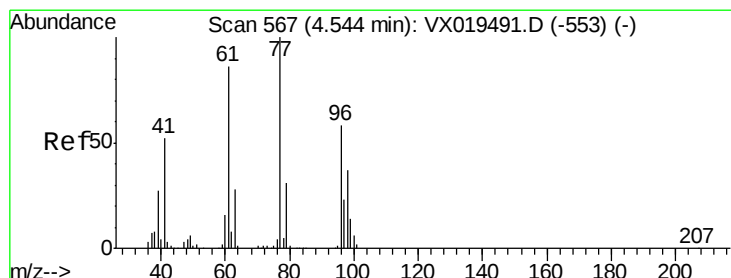
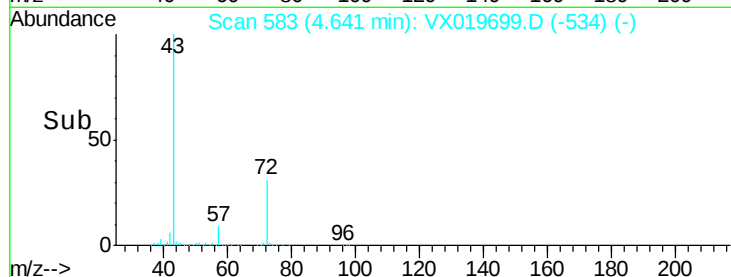
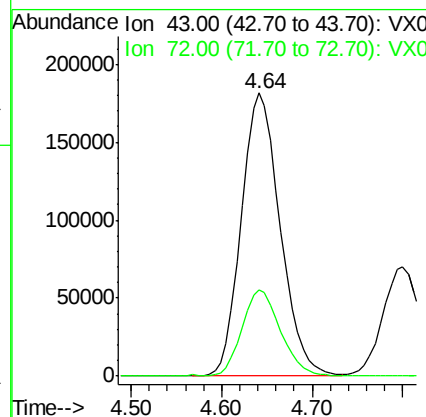
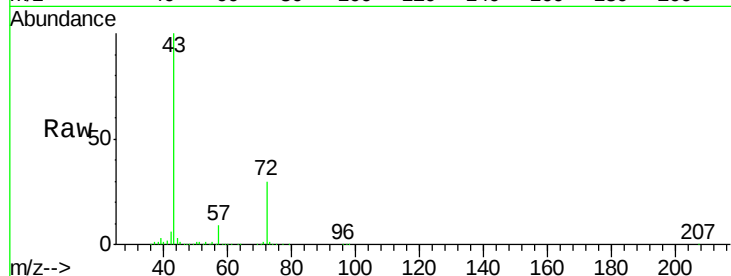
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.608 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019699.D

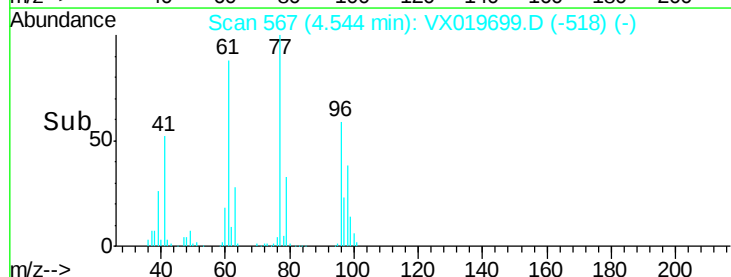
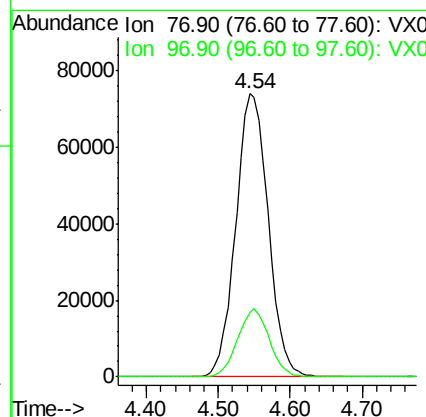
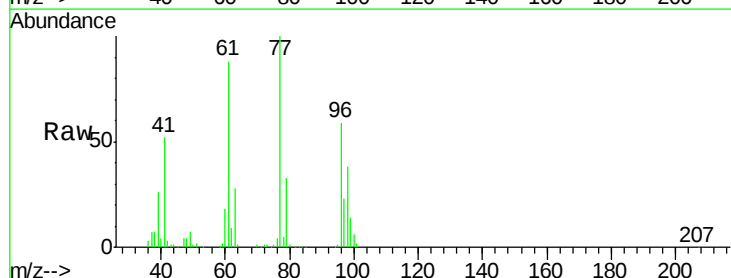
Acq: 01 Dec 2020 16:44

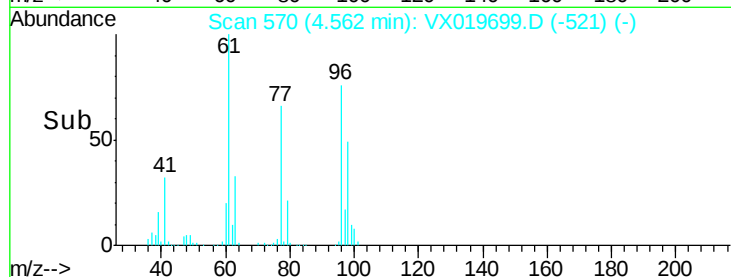
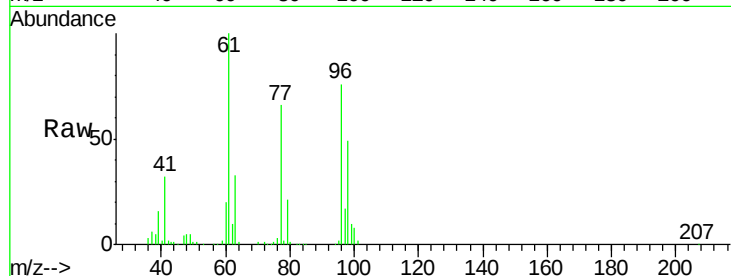
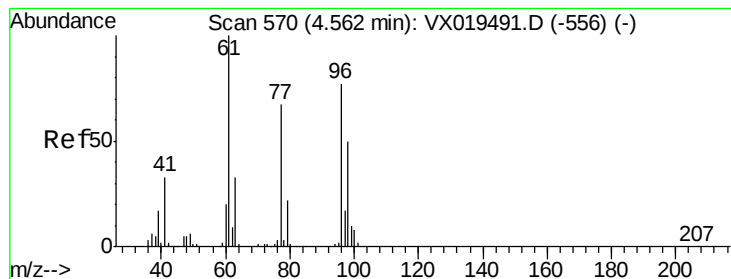
Tgt Ion: 77 Resp: 231521

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





#27

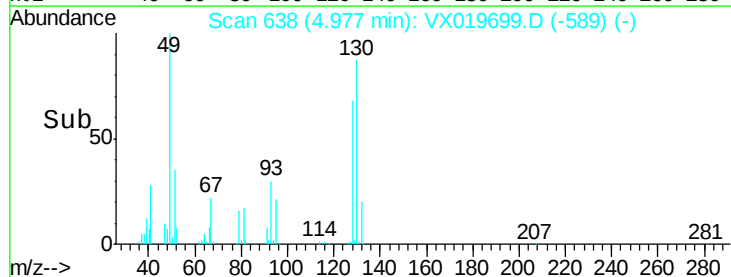
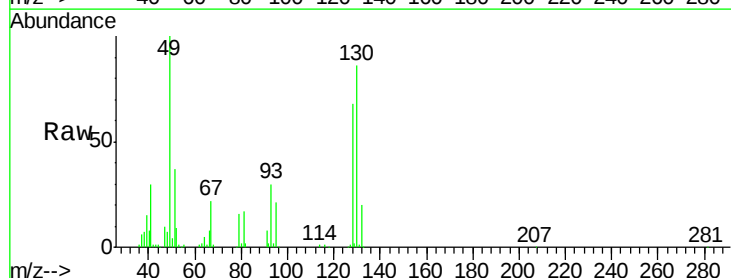
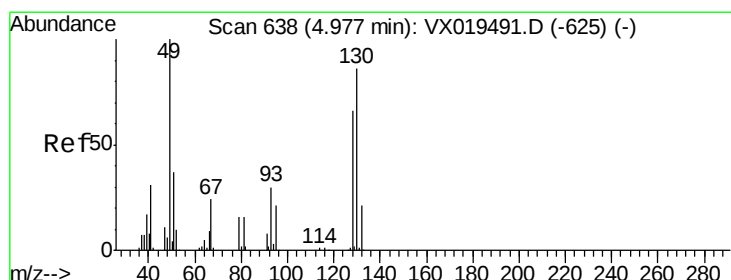
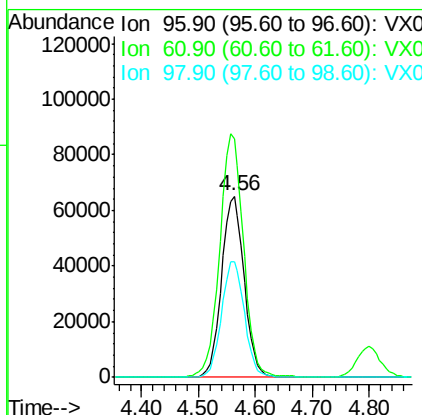
cis-1,2-Dichloroethene
Concen: 52.085 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tot Ion	Ratio	Resp	Lower	Upper
96	100	179233		
61	141.7	0.0	279.2	
98	64.9	0.0	129.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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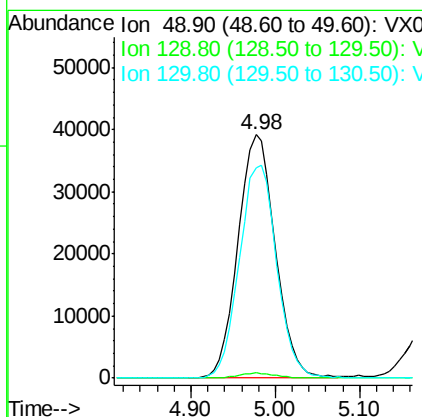
MMDadoda
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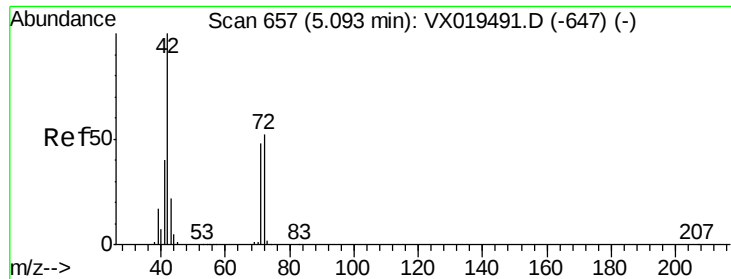


#28

Bromochloromethane
Concen: 46.924 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	117582		
129	2.0	0.0	4.2	
130	87.7	69.0	103.6	





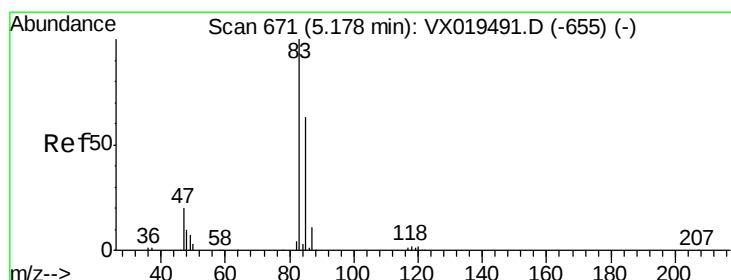
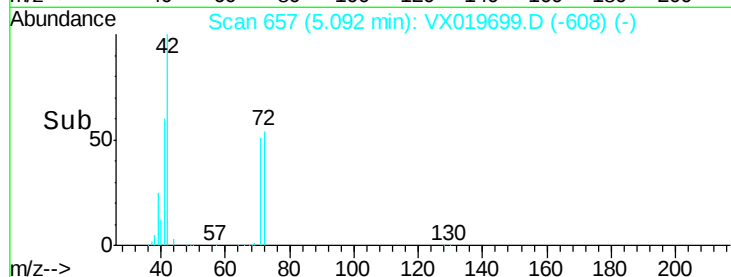
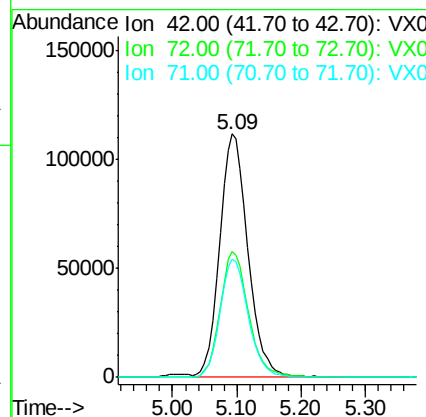
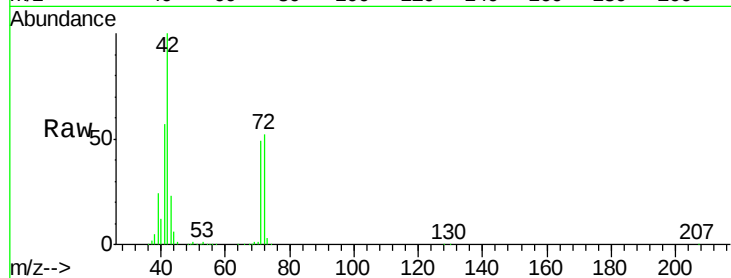
#29
Tetrahydrofuran
Concen: 268.214 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.4	42.6	63.8
71	48.8	39.0	58.6

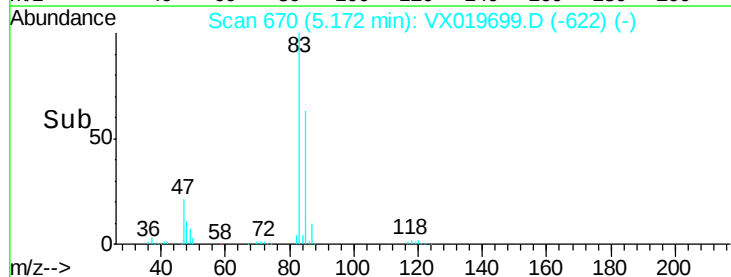
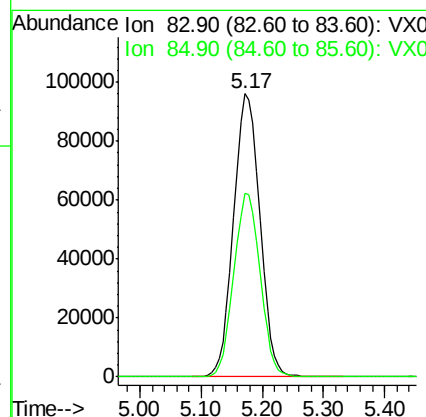
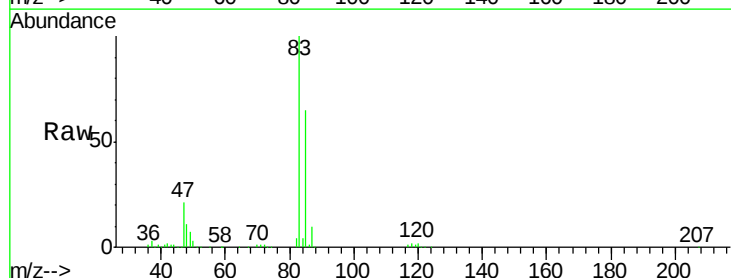
Manual Integrations
APPROVED

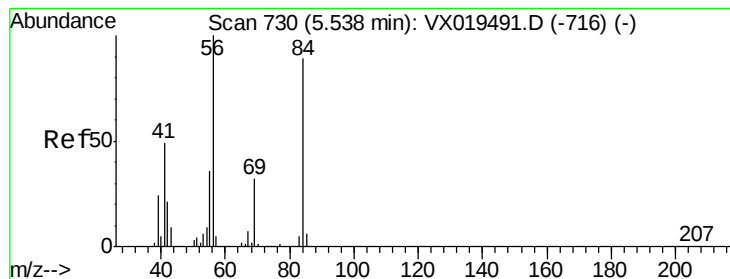
MMDadoda
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#30
Chloroform
Concen: 52.074 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.5	75.7





#31

Cyclohexane

Concen: 49.701 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

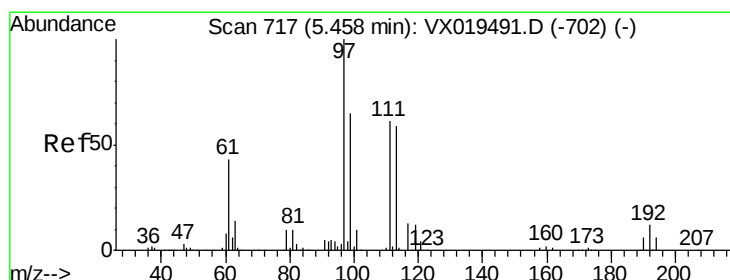
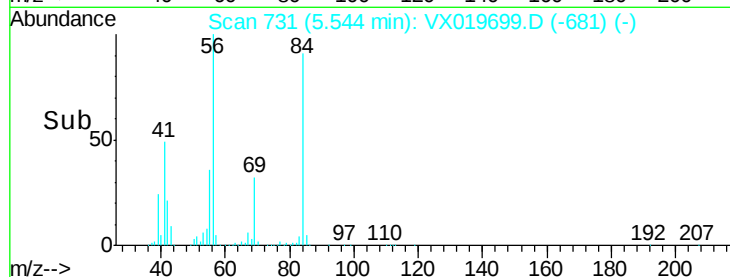
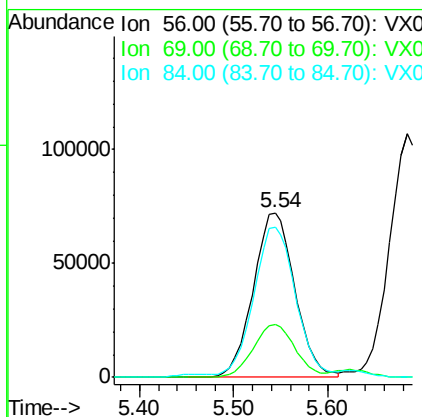
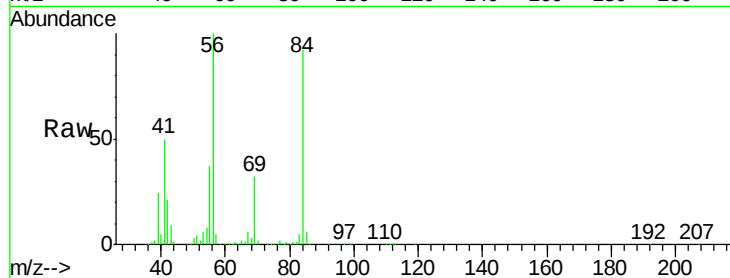
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	223220
Ion Ratio	Lower	Upper	
56	100		
69	32.4	25.5	38.3
84	89.9	71.1	106.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.883 ug/l

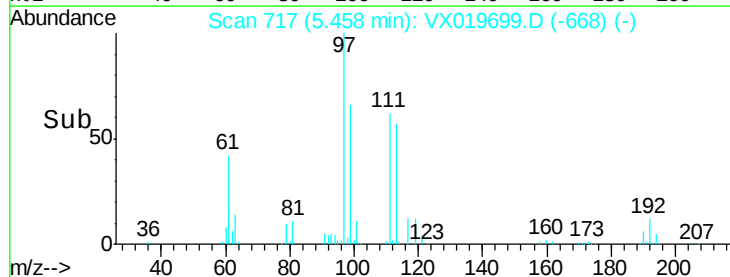
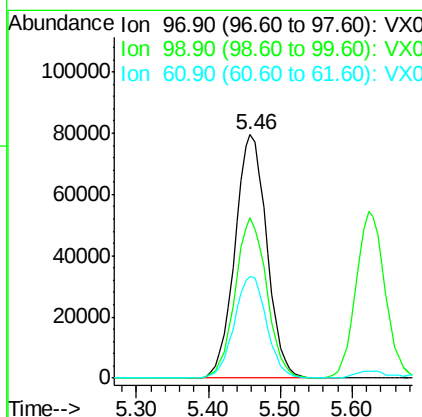
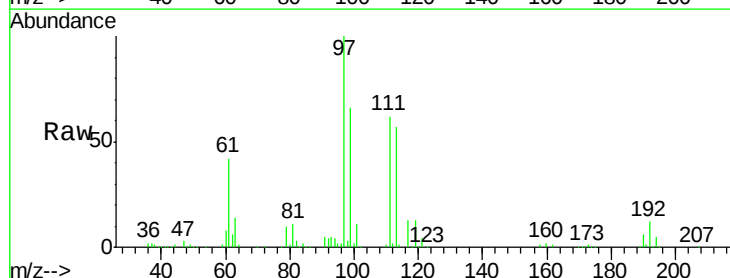
RT: 5.46 min Scan# 717

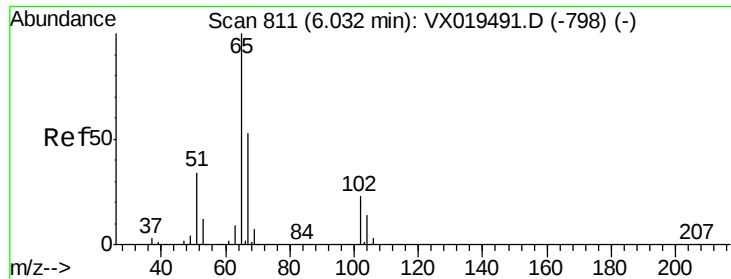
Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion:	97	Resp:	244249
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.4	77.0
61	42.6	34.2	51.2





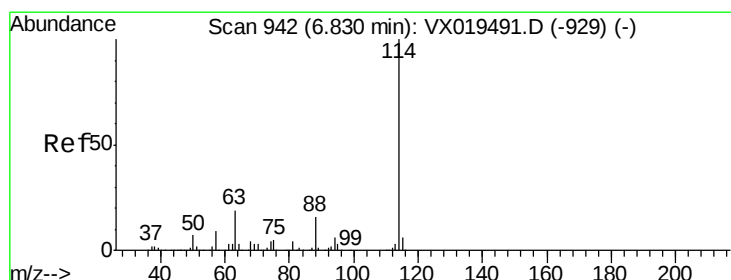
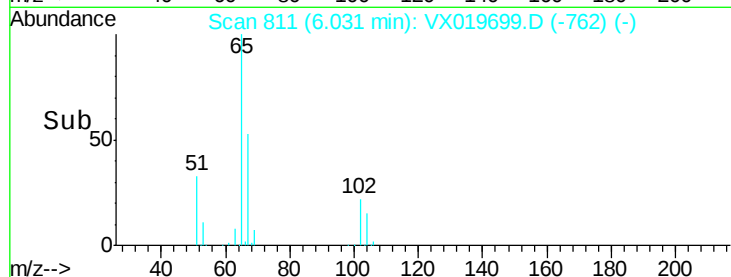
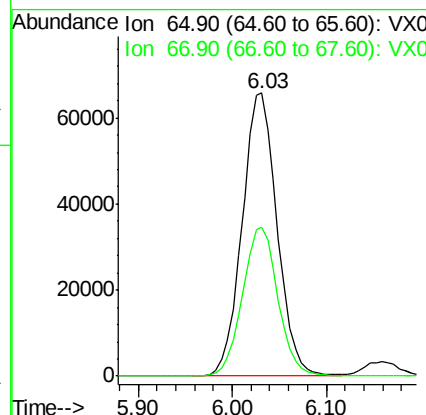
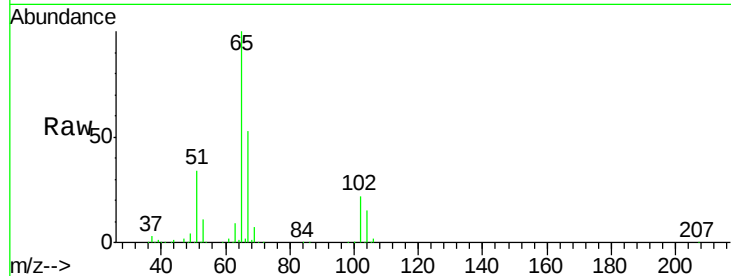
#33
 1,2-Dichloroethane-d4
 Concen: 49.452 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170767		
67	53.3	0.0	105.0	

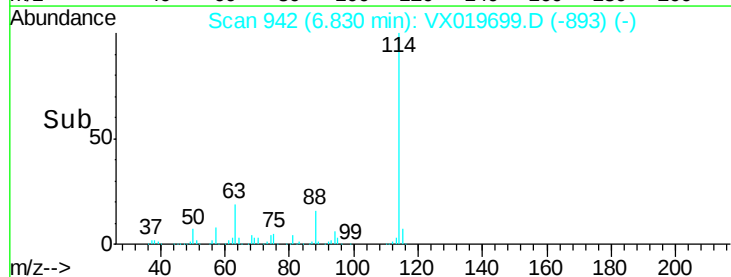
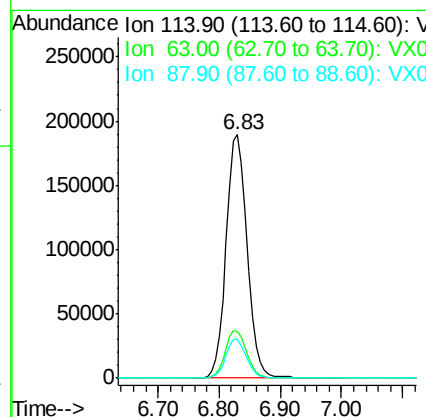
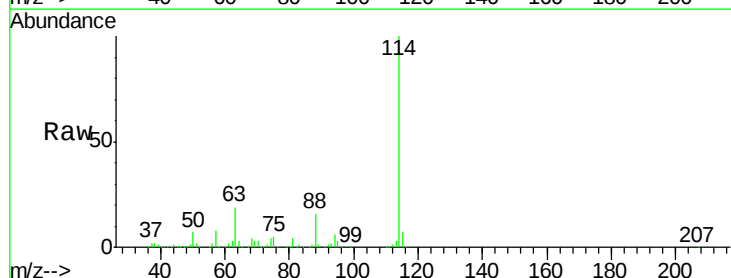
Manual Integrations
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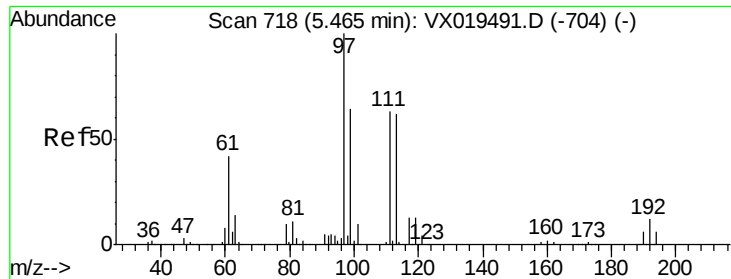
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	449597		
63	19.2	0.0	38.8	
88	15.8	0.0	31.6	





#35

Dibromofluoromethane

Concen: 49.059 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

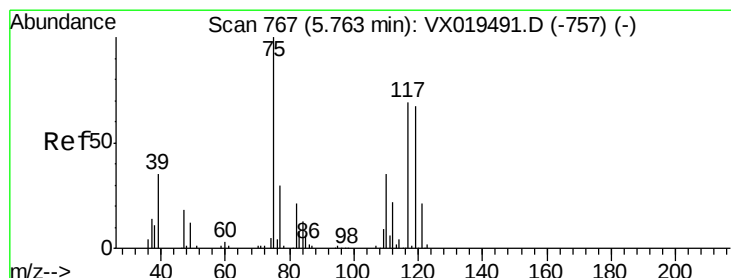
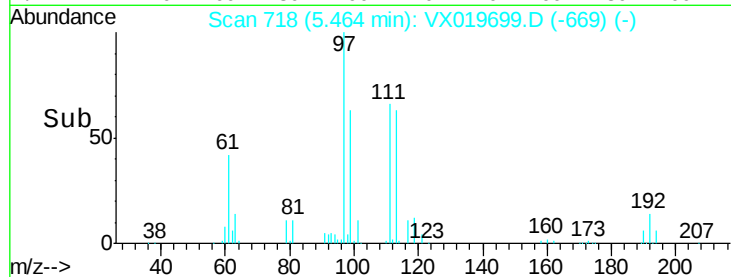
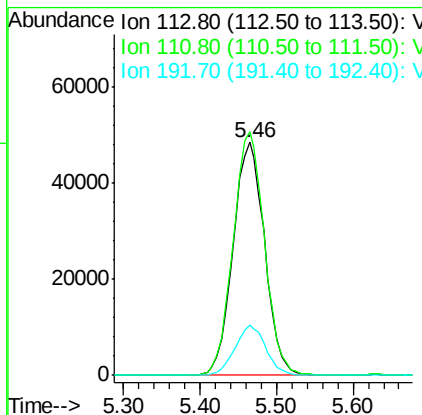
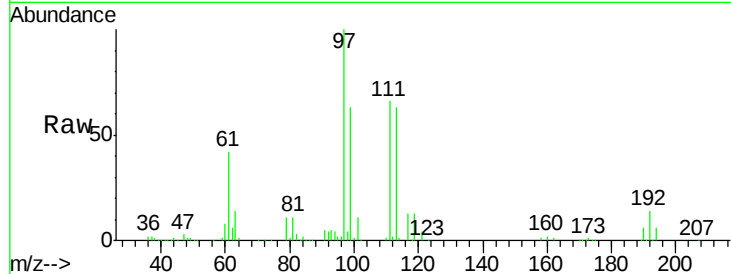
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	138451
Ion Ratio	Lower	Upper	
113	100		
111	104.0	81.5	122.3
192	20.9	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.694 ug/l

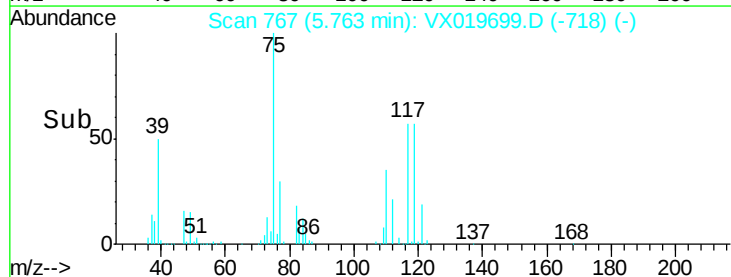
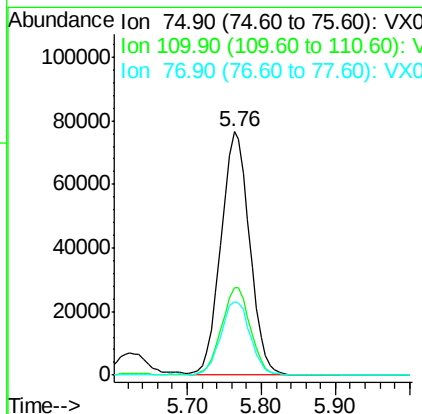
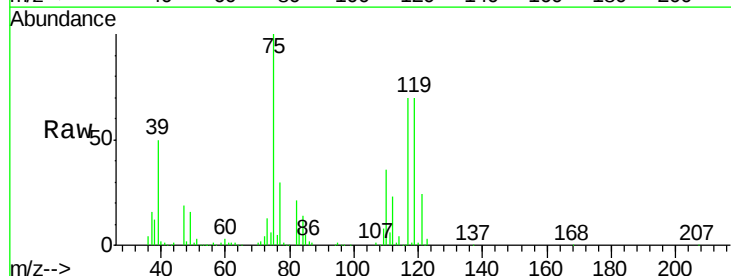
RT: 5.76 min Scan# 767

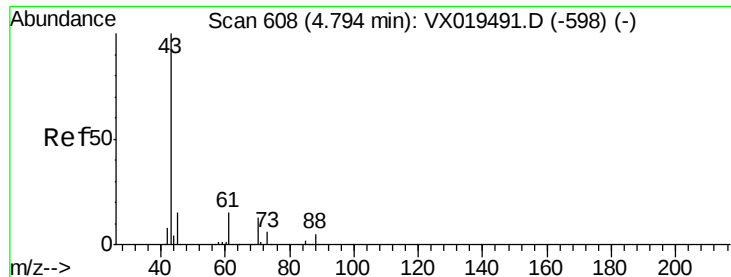
Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion:	75	Resp:	205243
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.3
77	31.0	24.2	36.4





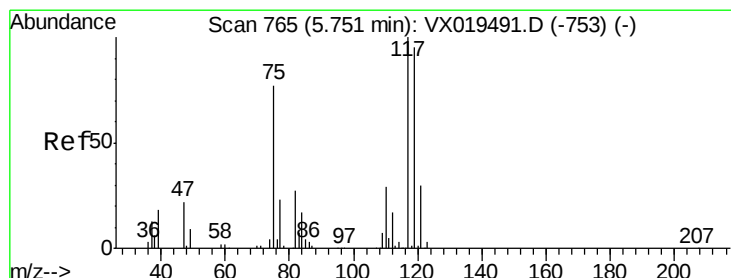
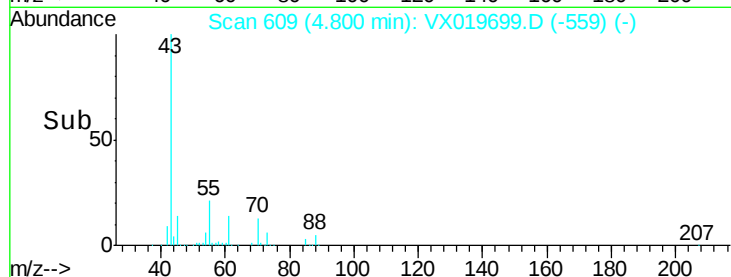
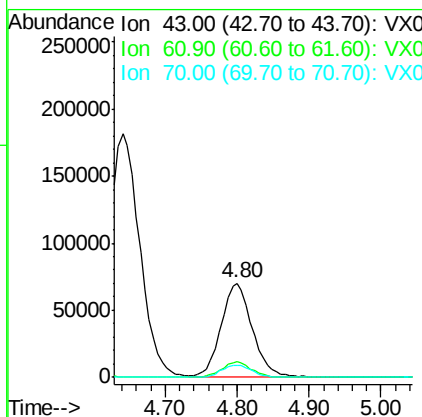
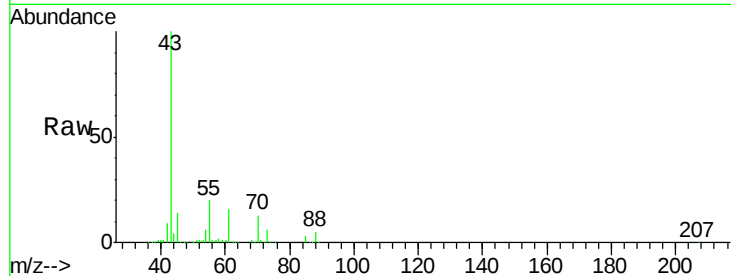
#37
Ethyl Acetate
Concen: 52.844 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.7	19.1
70	13.1	10.2	15.2

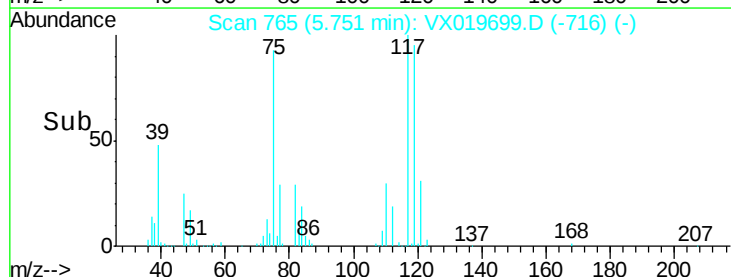
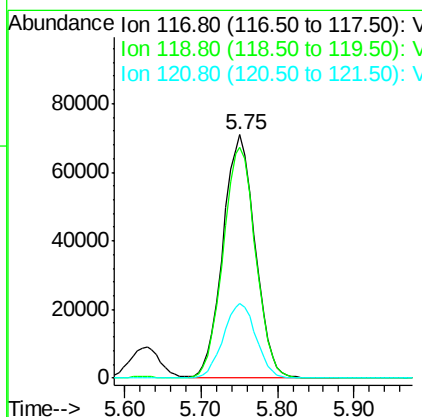
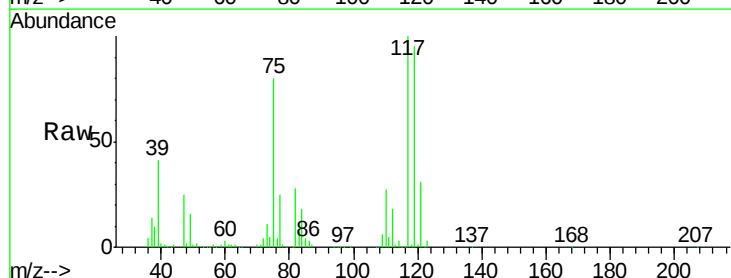
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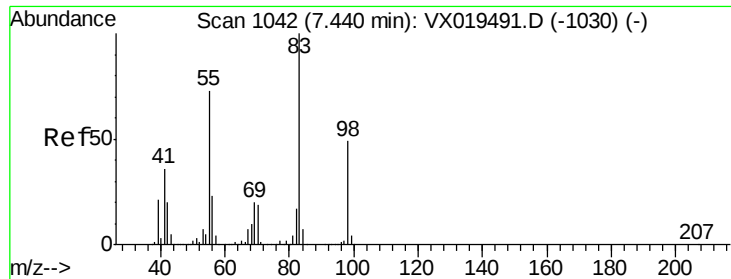
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.600 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.9	113.9
121	30.9	24.0	36.0





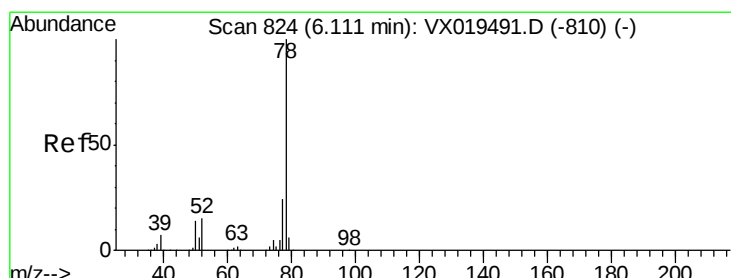
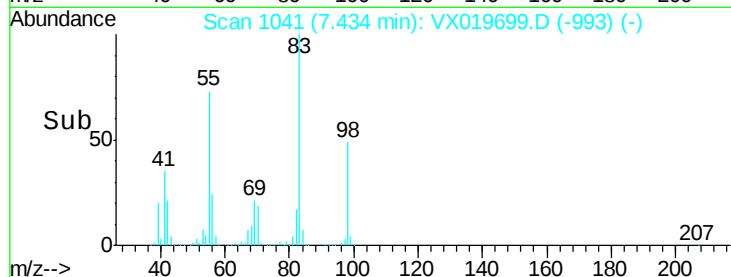
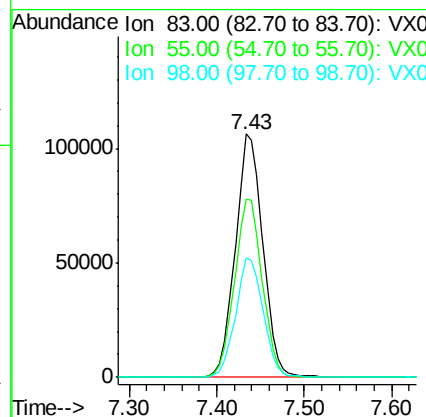
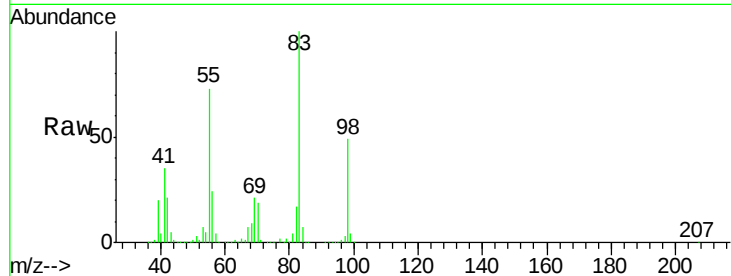
#39
Methvlcvclohexane
Concen: 47.515 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	233188		
55	73.0		58.3	87.5
98	49.3		38.9	58.3

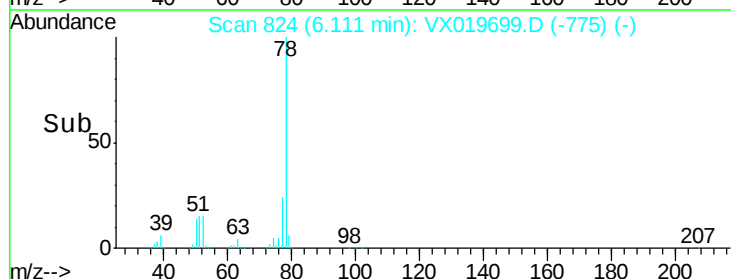
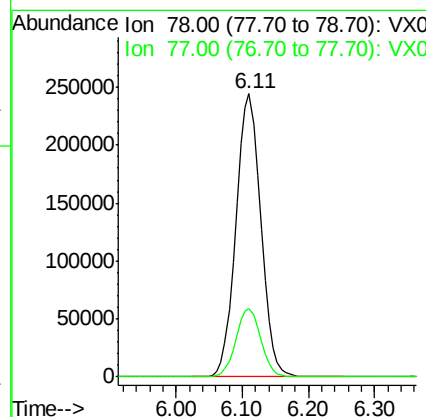
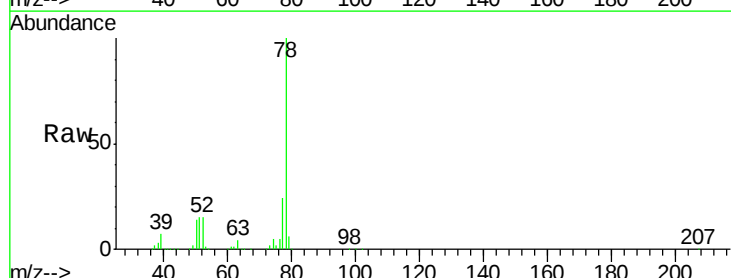
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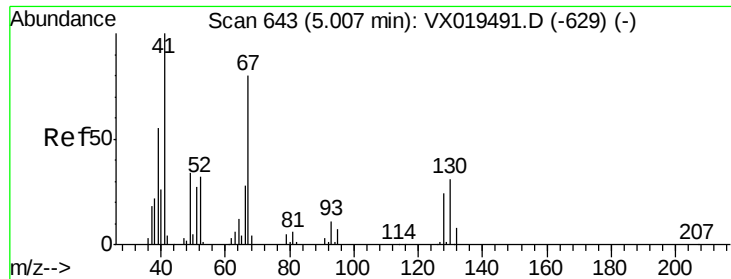
MMDadoda
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#40
Benzene
Concen: 49.238 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	637653		
77	24.1		18.9	28.3





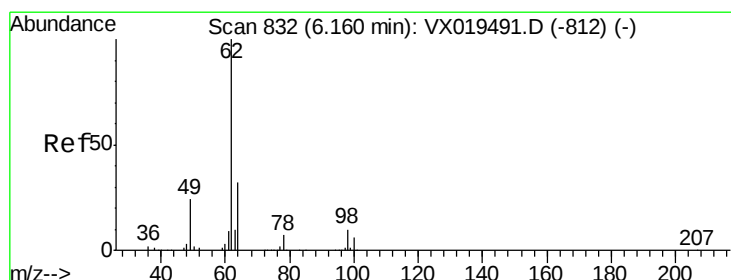
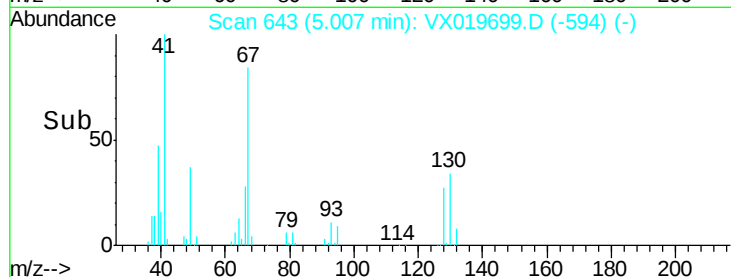
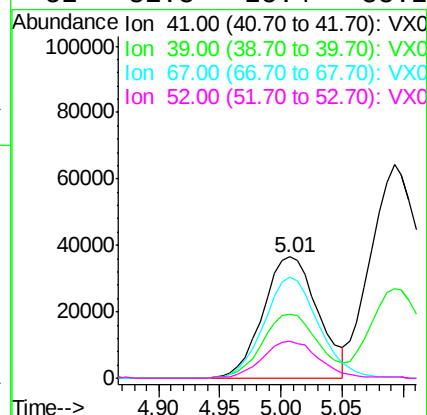
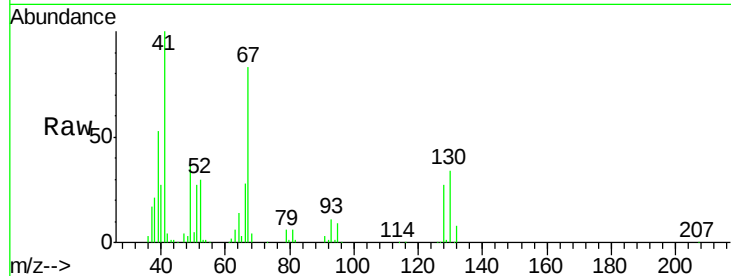
#41
Methacrylonitrile
Concen: 52.382 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.7	43.3	64.9		
67	83.3	66.0	99.0		
52	31.3	25.4	38.2		

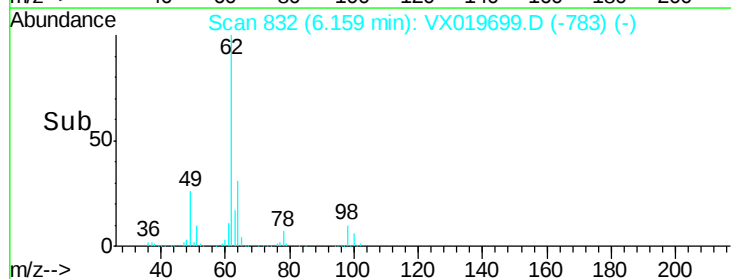
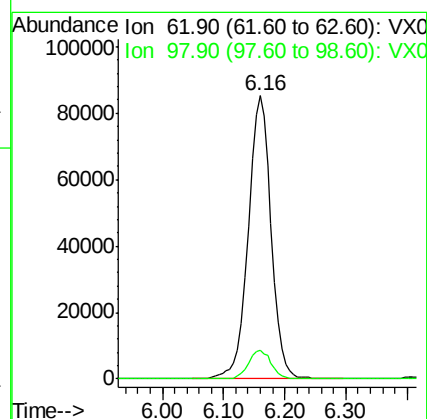
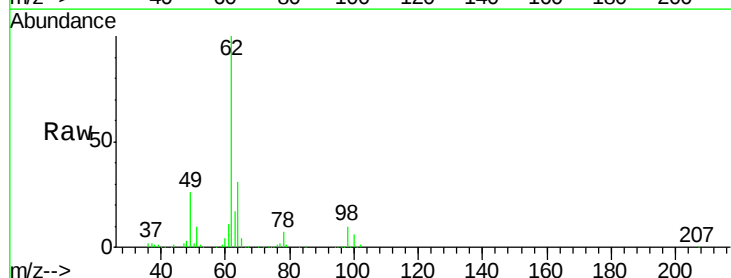
Manual Integrations
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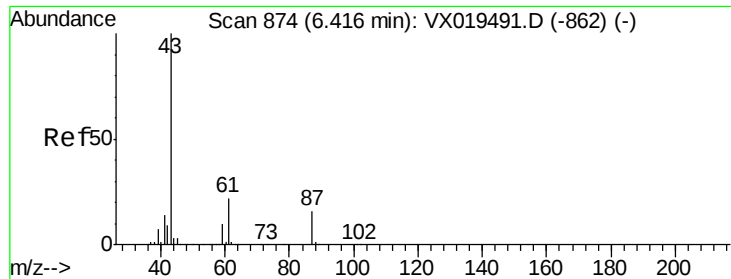
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.899 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

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





#43

Isopropyl Acetate

Concen: 51.554 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

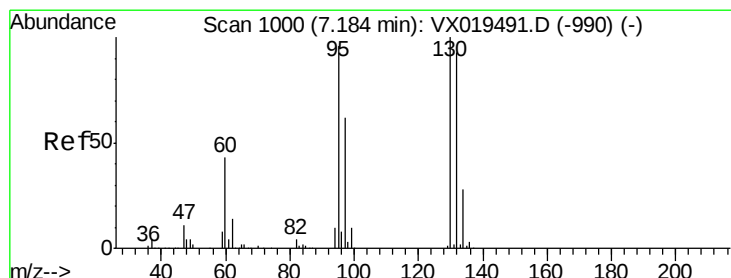
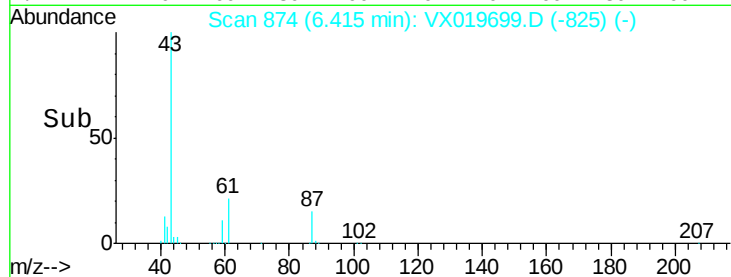
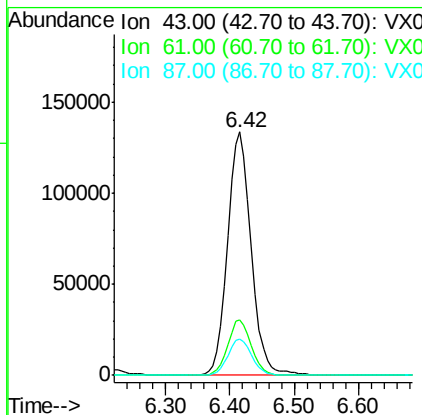
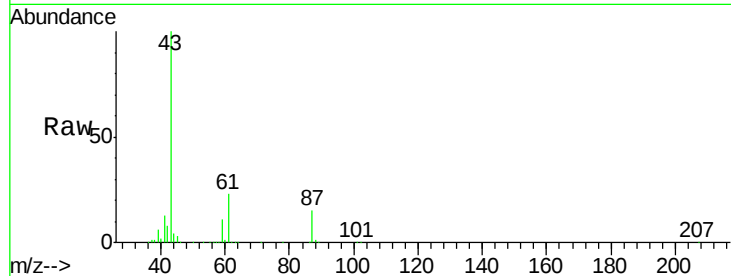
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	342921
Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.2
87	15.2	12.6	18.8

Manual Integrations
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#44

Trichloroethene

Concen: 48.439 ug/l

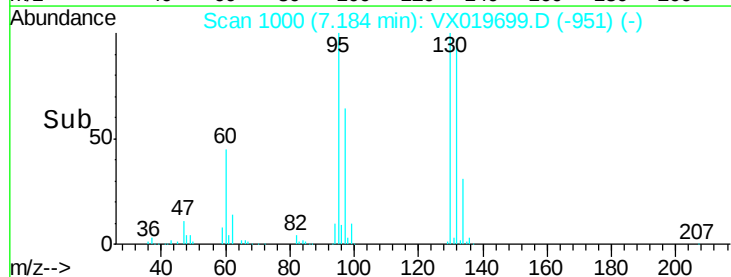
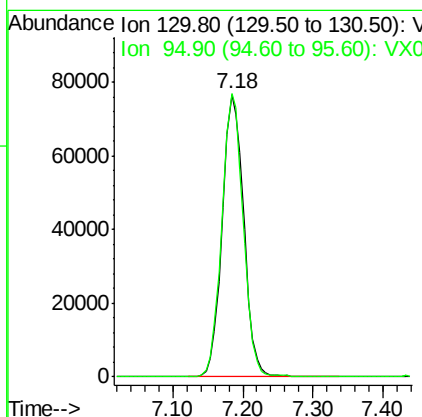
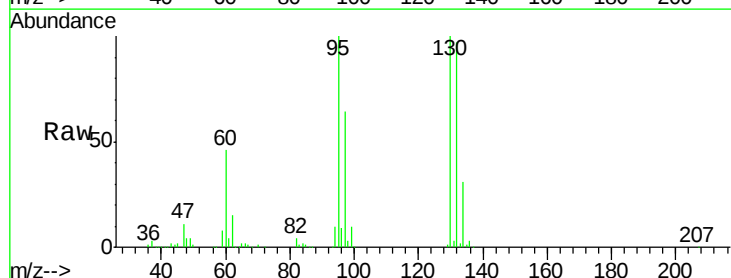
RT: 7.18 min Scan# 1000

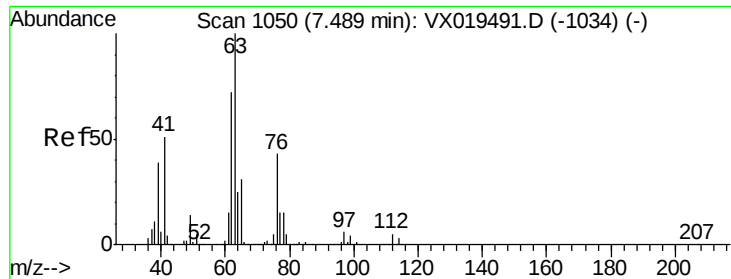
Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion:	130	Resp:	164318
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	191.2





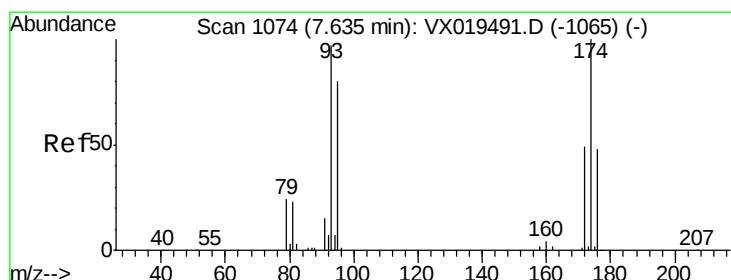
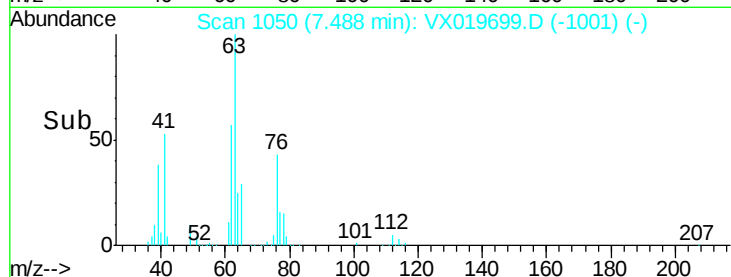
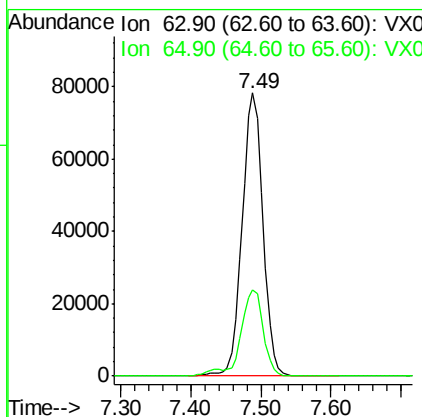
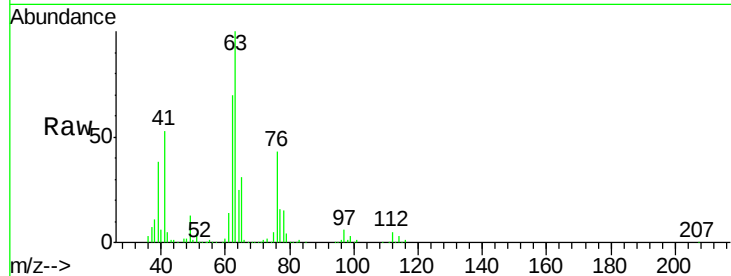
#45
 1,2-Dichloropropane
 Concen: 50.733 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 161745
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4

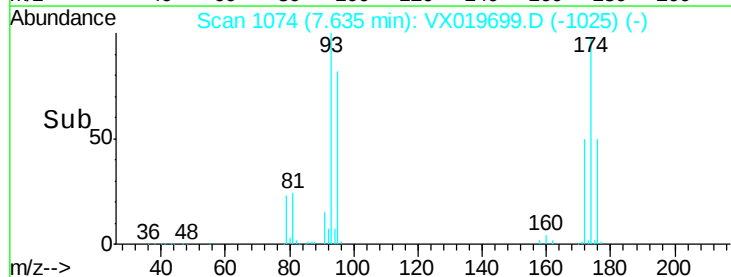
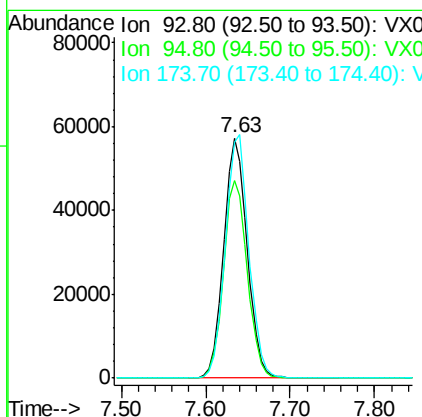
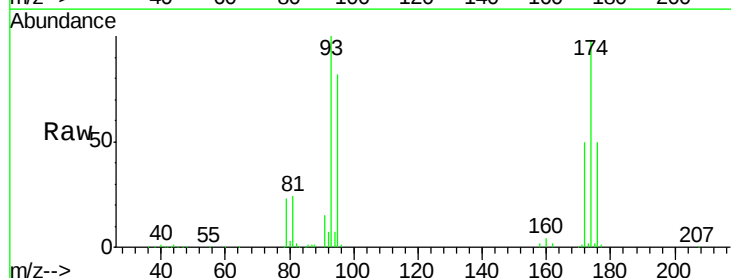
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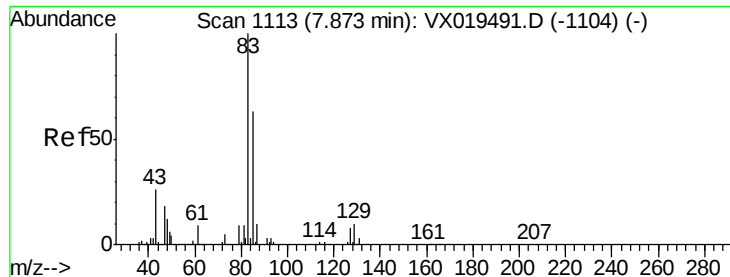
MMDadoda
 12/2/2020 12:44:03 PM



#46
 Dibromomethane
 Concen: 50.151 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion: 93 Resp: 109432
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 101.6 83.0 124.4





#47

Bromodichloromethane

Concen: 51.387 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

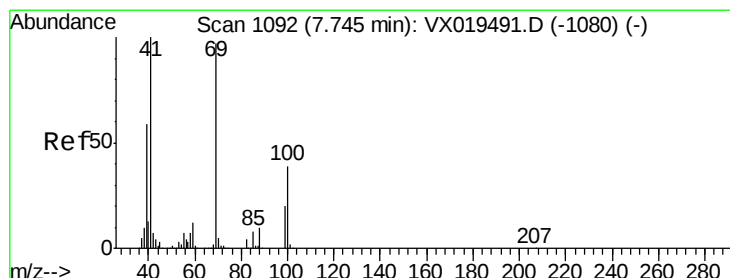
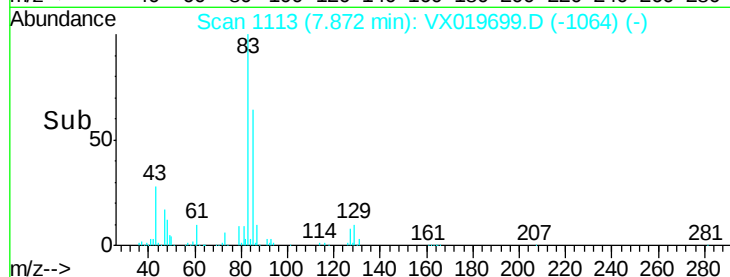
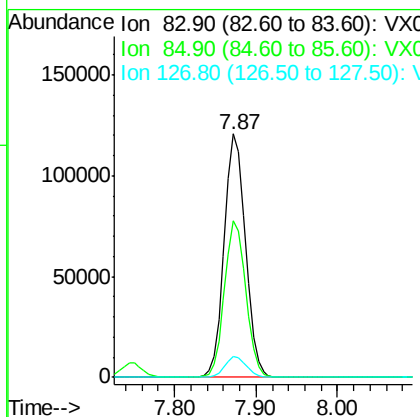
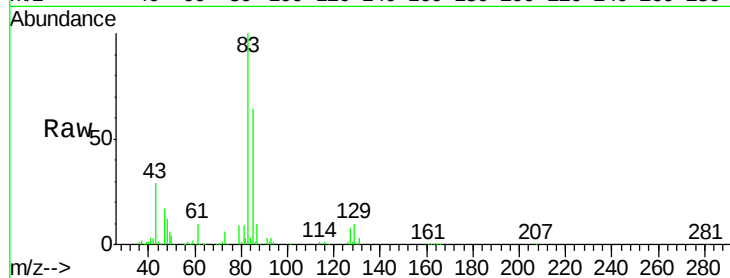
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	217584
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.2	75.2
127	8.4	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.122 ug/l

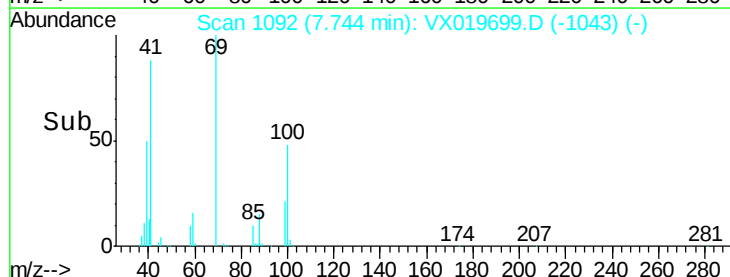
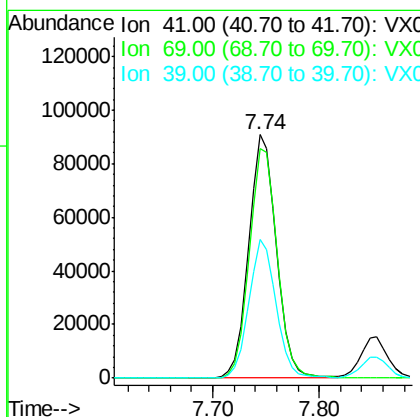
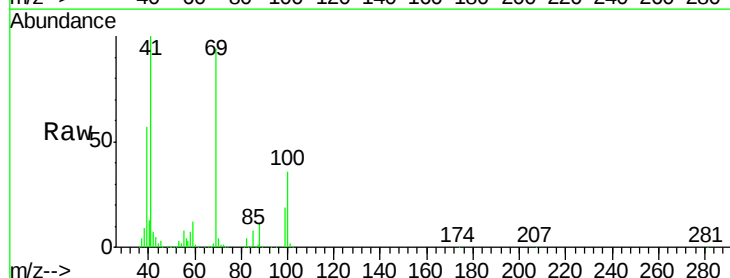
RT: 7.74 min Scan# 1092

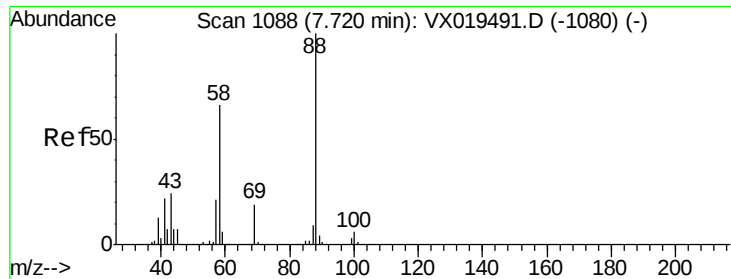
Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion:	41	Resp:	165483
Ion Ratio	Lower	Upper	
41	100		
69	95.6	77.0	115.6
39	56.5	45.6	68.4





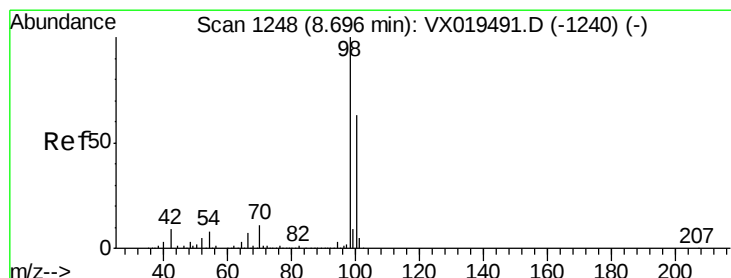
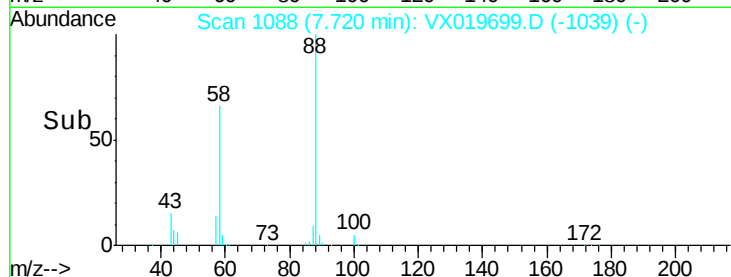
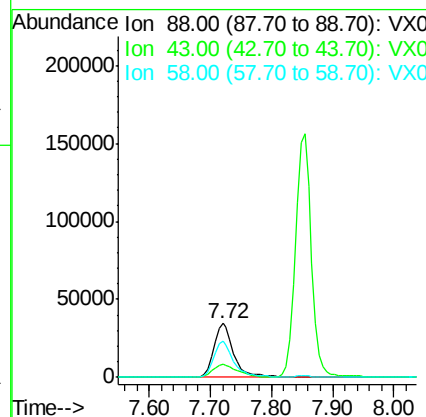
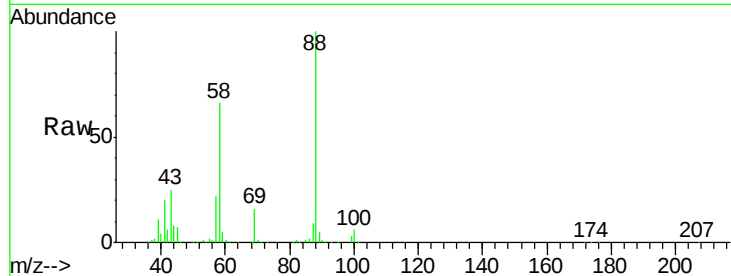
#49
1,4-Dioxane
Concen: 1125.517 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	23.8	35.6
58	67.3	54.2	81.2

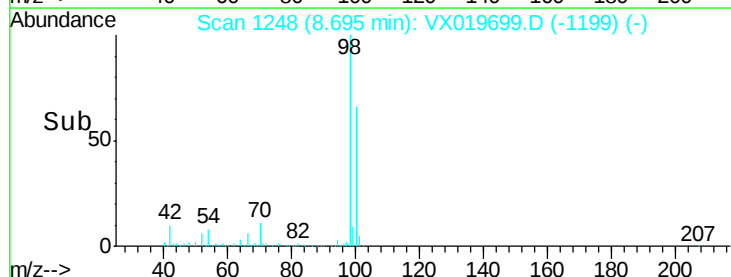
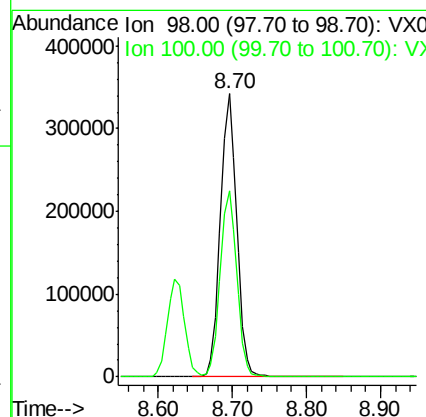
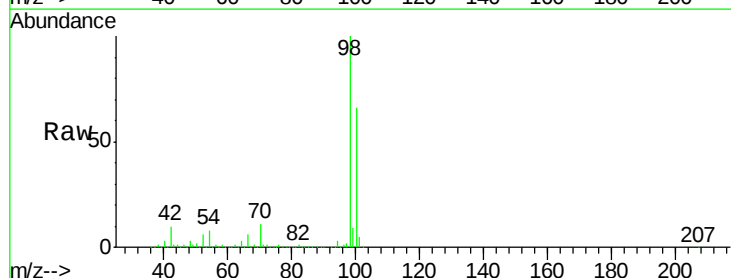
Manual Integrations
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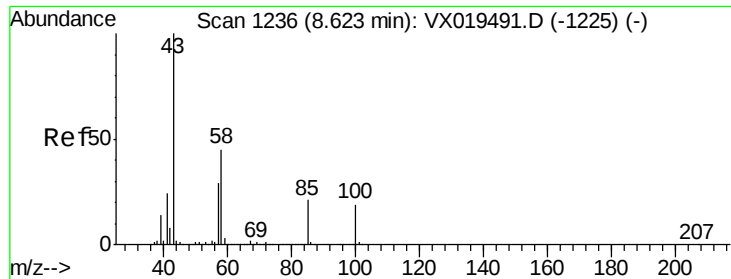
MMDadoda
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#50
Toluene-d8
Concen: 47.334 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 267.936 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1039274

Ion Ratio Lower Upper

43 100

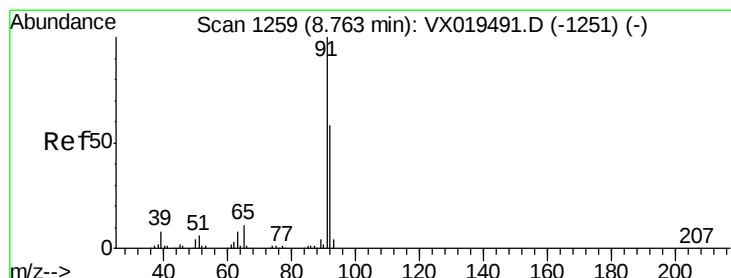
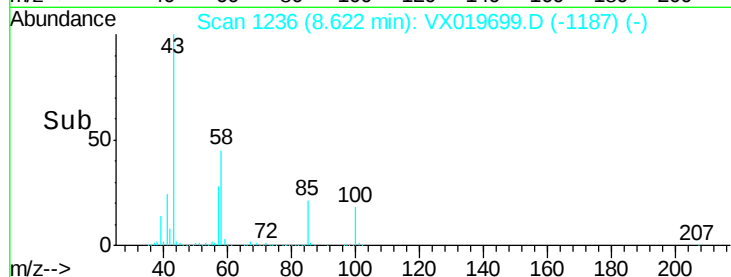
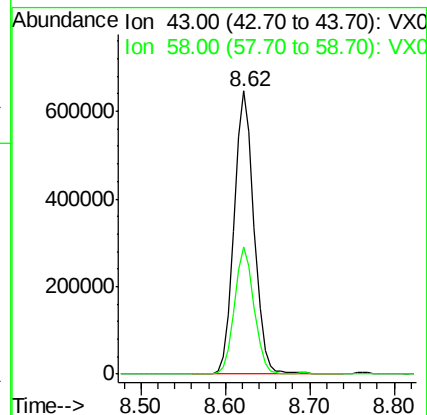
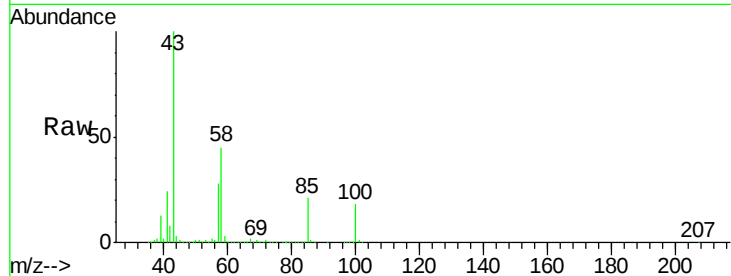
58 44.2 35.1 52.7

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#52

Toluene

Concen: 49.698 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019699.D

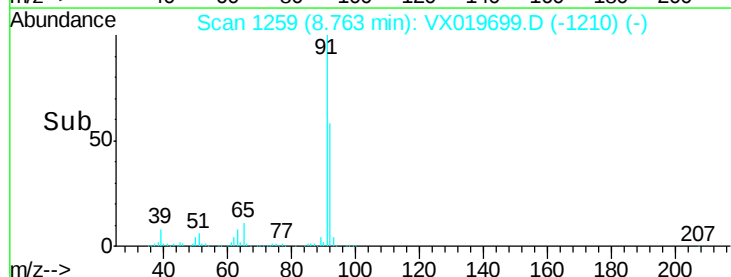
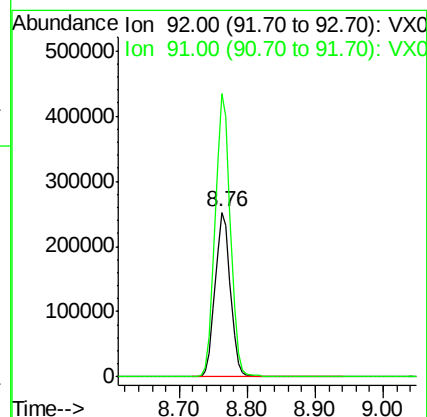
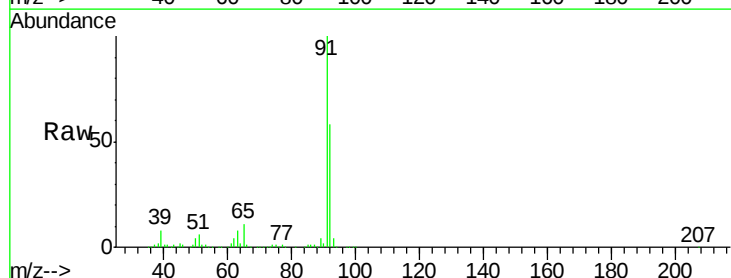
Acq: 01 Dec 2020 16:44

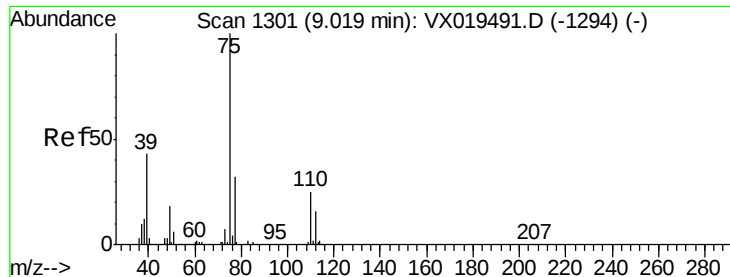
Tgt Ion: 92 Resp: 393735

Ion Ratio Lower Upper

92 100

91 171.6 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 51.408 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tot Ion: 75 Resp: 235085

Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9

Instrument :

MSVOA_X

ClientSampleId :

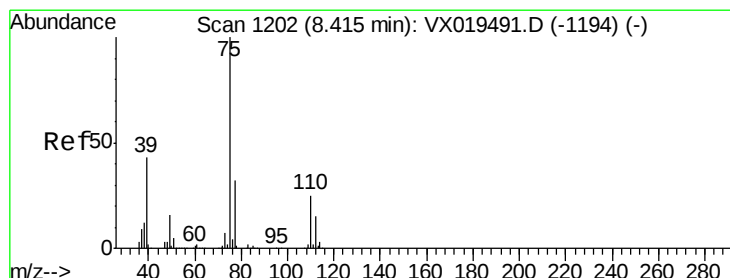
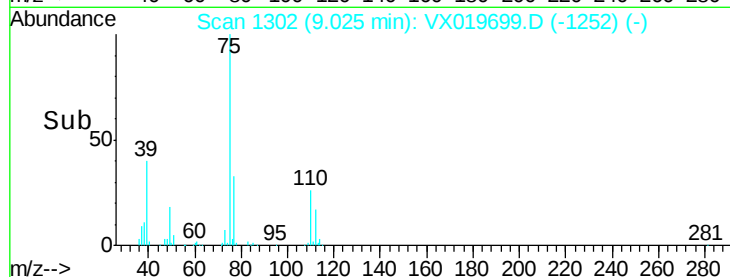
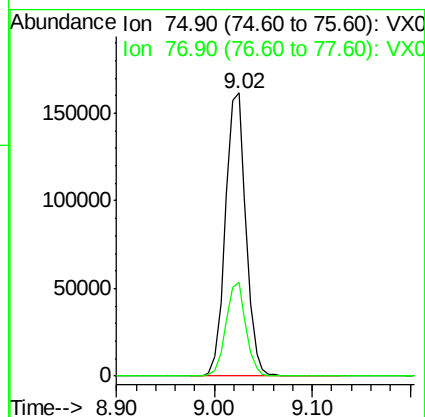
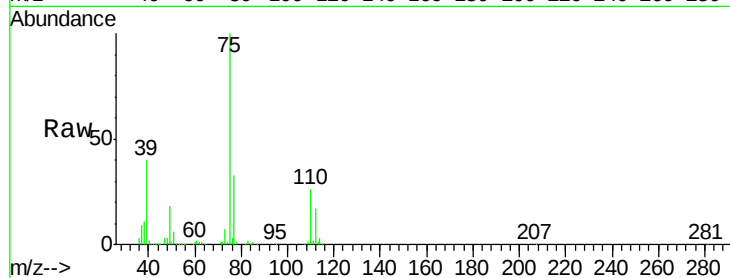
VSTDCCC050EC

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.764 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

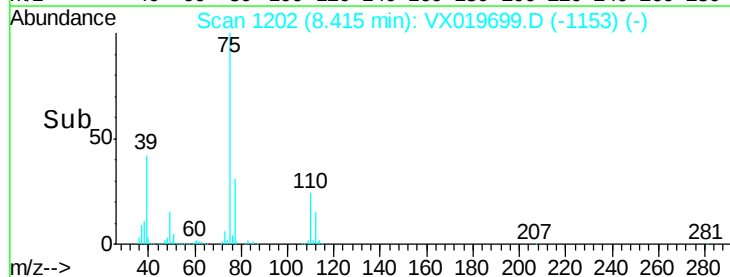
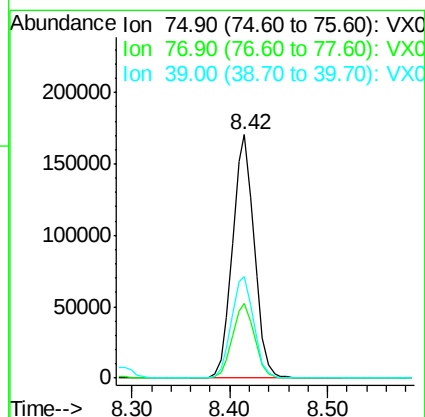
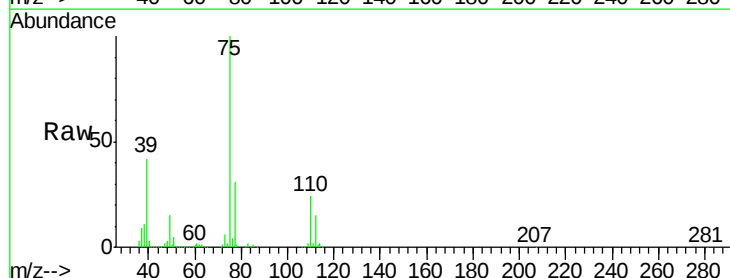
Tgt Ion: 75 Resp: 262691

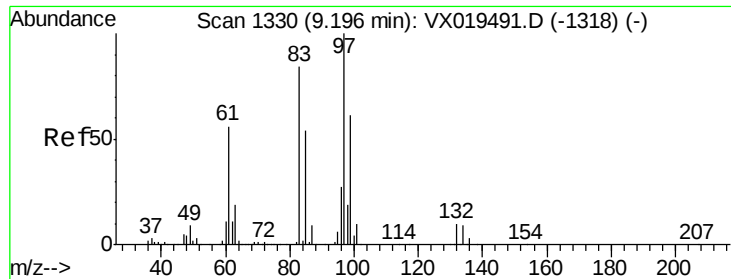
Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6

39 41.8 34.6 51.8





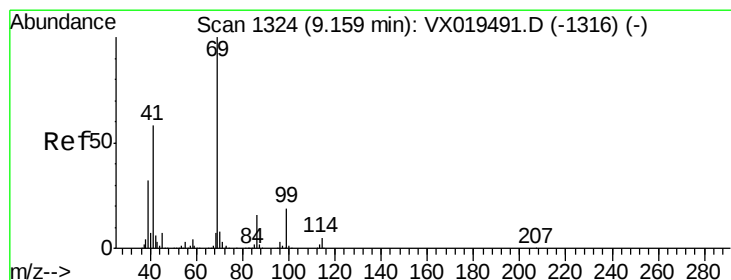
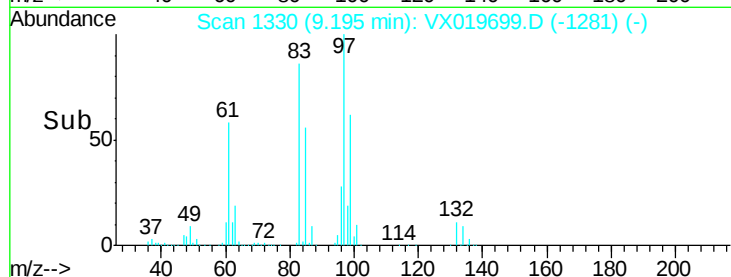
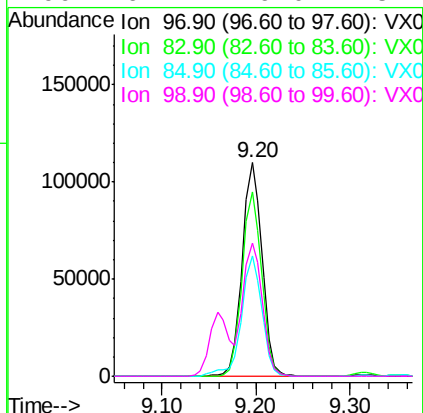
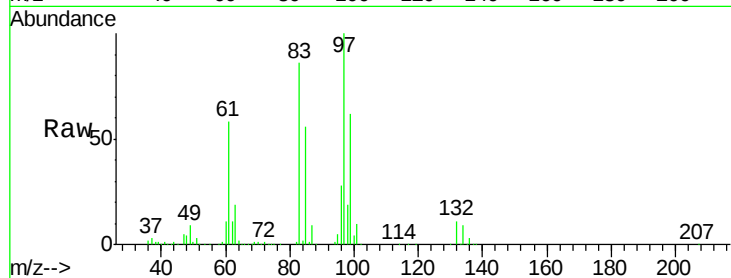
#55
 1,1,2-Trichloroethane
 Concen: 50.407 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.0	100.6
85	56.5	43.4	65.0
99	62.4	49.0	73.4

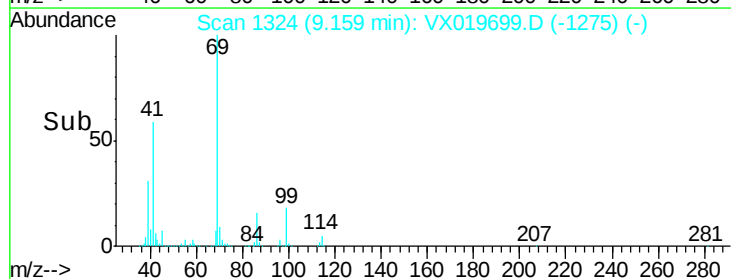
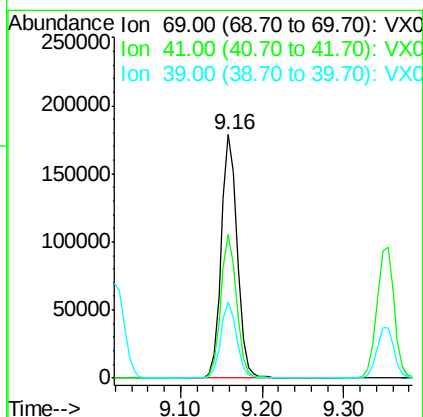
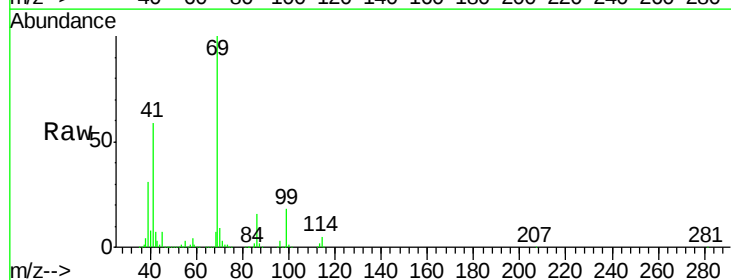
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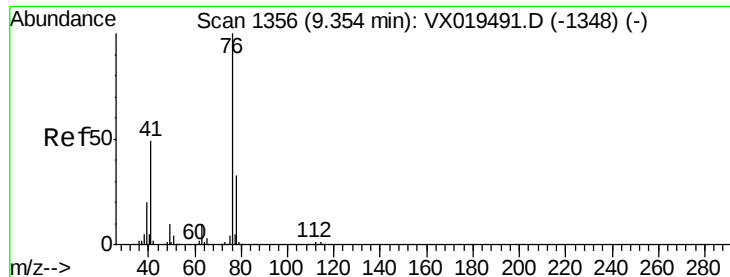
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 53.743 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.6	46.2	69.2
39	30.9	25.5	38.3





#57

1,3-Dichloropropane

Concen: 50.706 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 273910

Ion Ratio Lower Upper

76 100

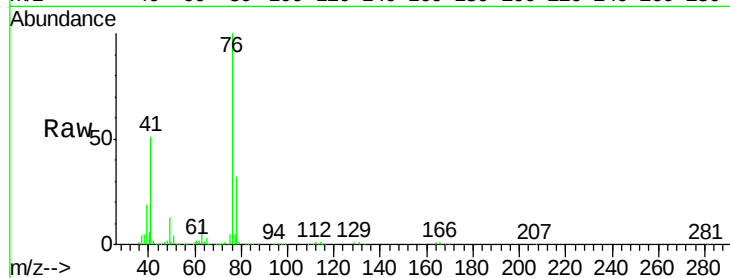
78 32.0 25.7 38.5

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

9.35

200000

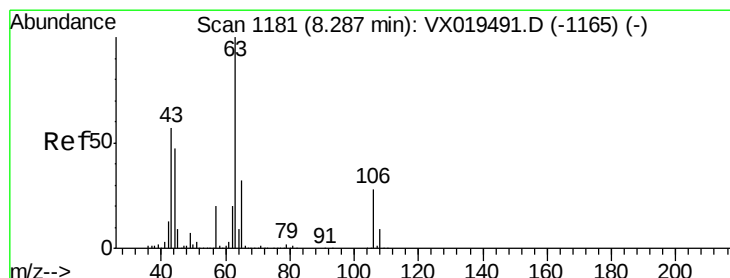
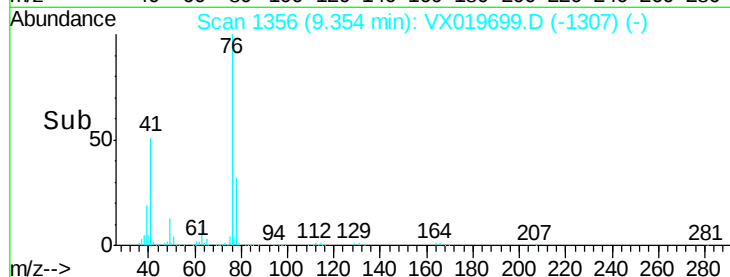
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.075 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019699.D

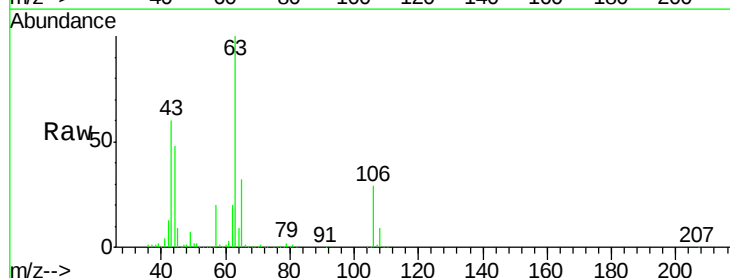
Acq: 01 Dec 2020 16:44

Tgt Ion: 63 Resp: 650280

Ion Ratio Lower Upper

63 100

106 29.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

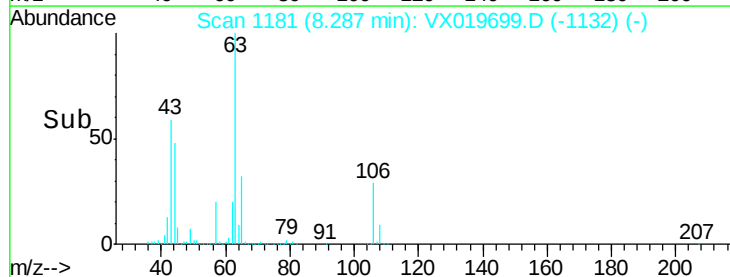
300000

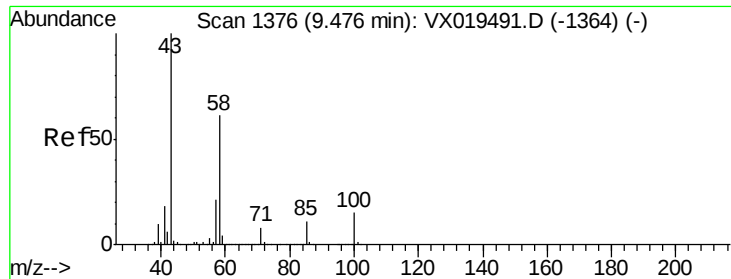
200000

100000

0

Time-->





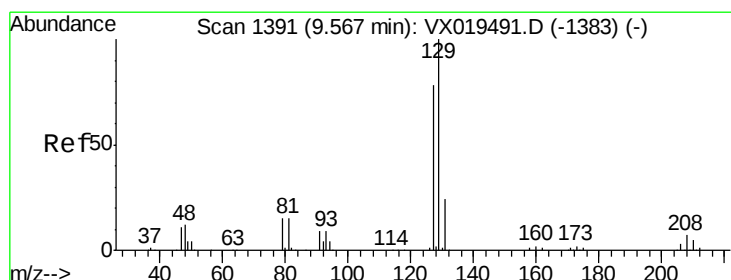
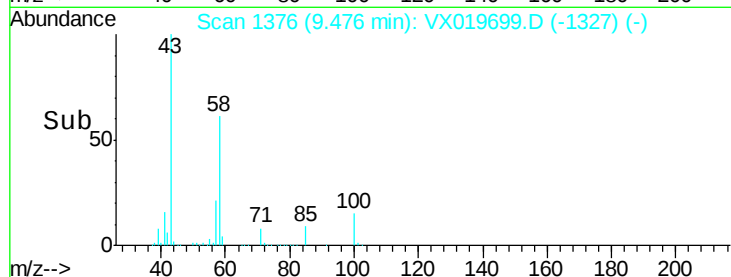
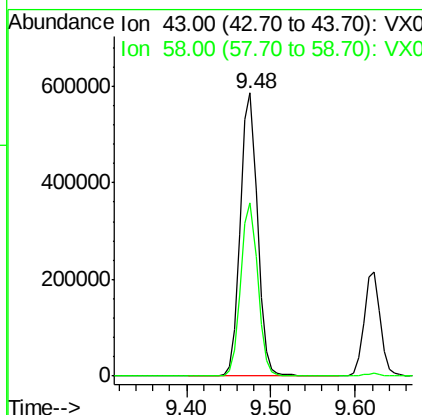
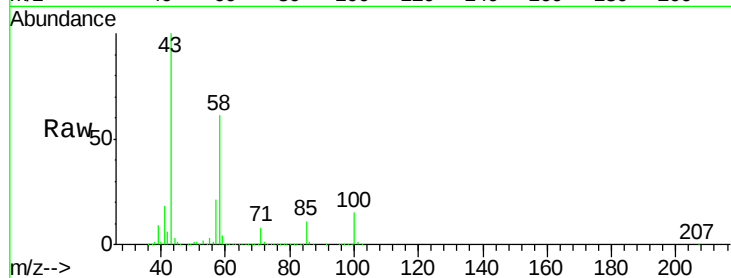
#59
2-Hexanone
Concen: 269.379 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 792453
Ion Ratio Lower Upper
43 100
58 61.1 30.6 91.6

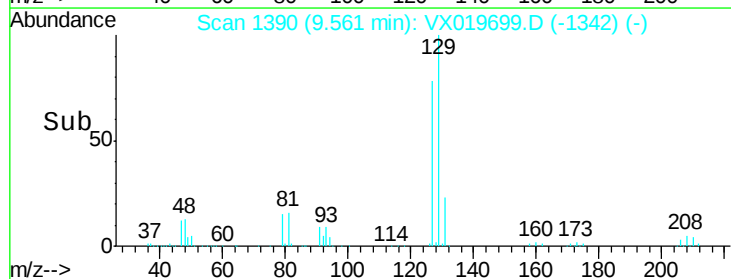
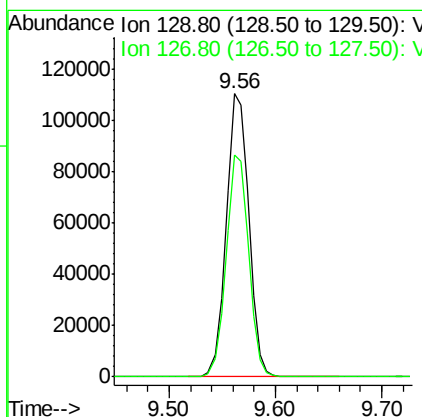
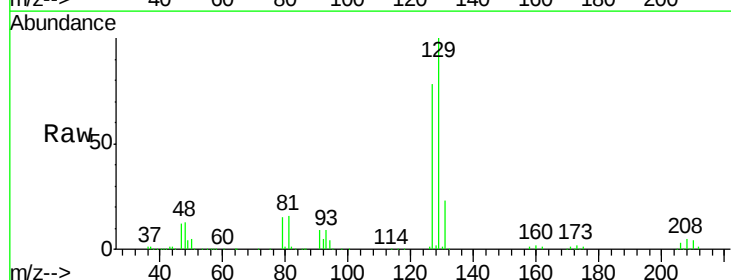
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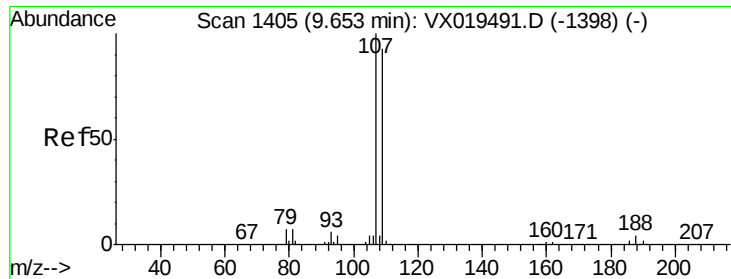
MMDadoda
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#60
Dibromochloromethane
Concen: 51.995 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 129 Resp: 164324
Ion Ratio Lower Upper
129 100
127 78.1 39.0 116.9





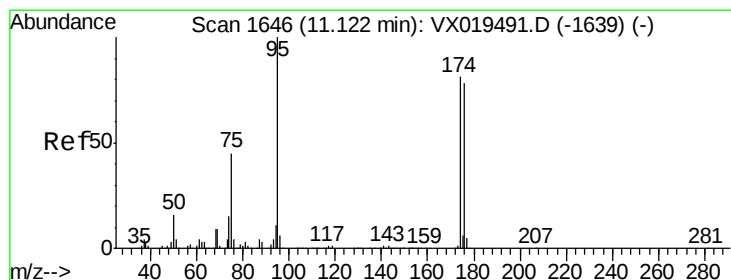
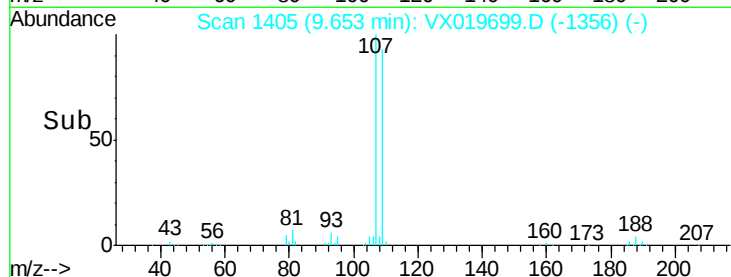
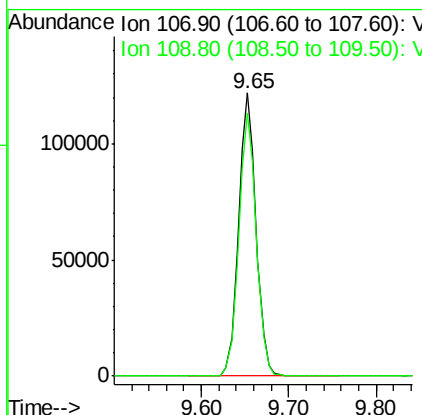
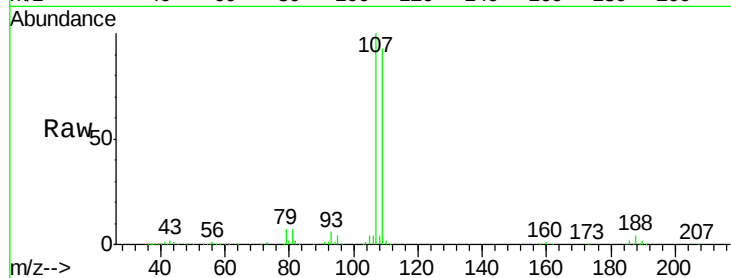
#61
 1,2-Dibromoethane
 Concen: 51.043 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	74.8	112.2

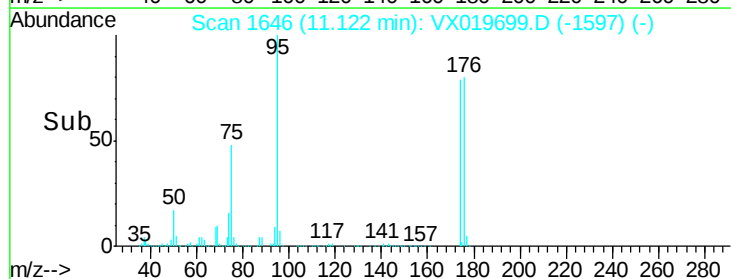
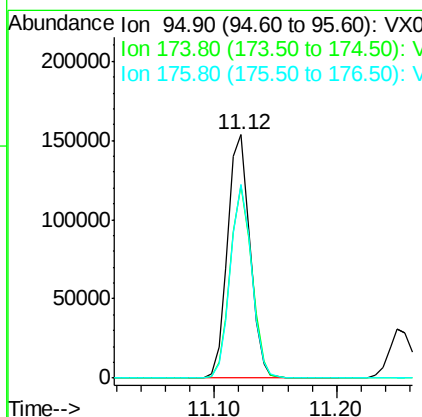
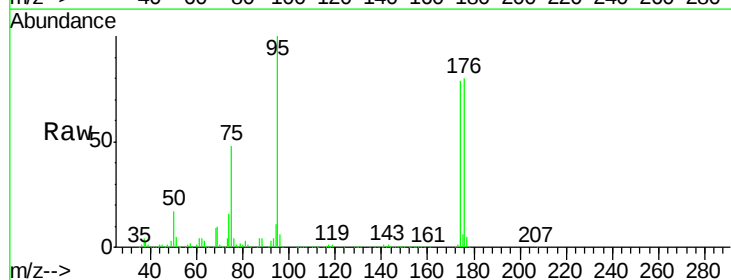
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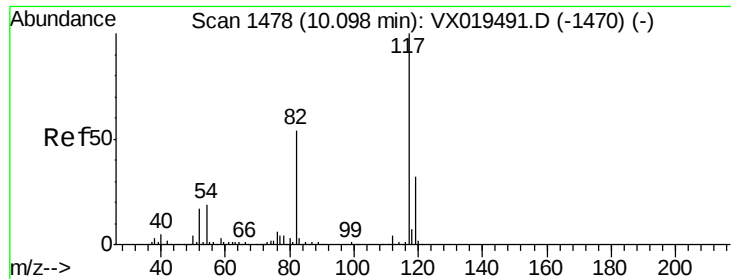
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 48.965 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	156.2
176	76.0	0.0	151.4





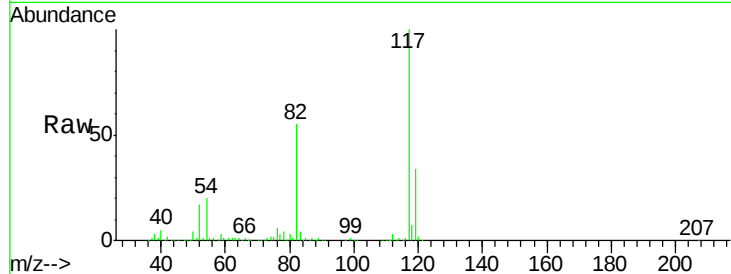
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	392048		
82	54.8	43.0	64.4	
119	33.7	25.6	38.4	

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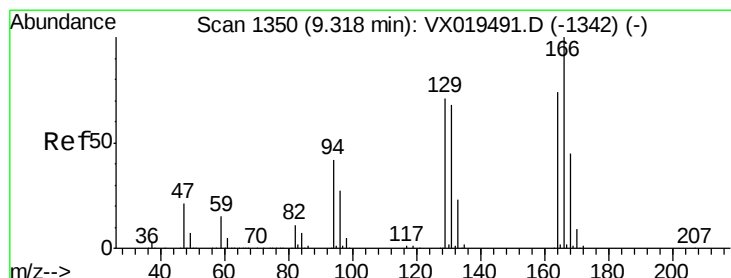
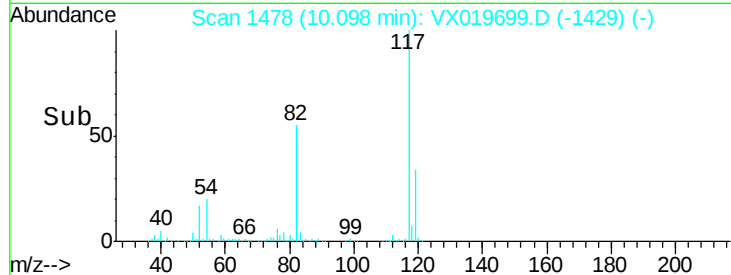
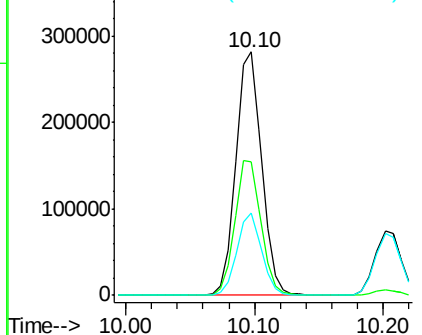


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 43.164 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133020		
166	132.1	107.4	161.0	
129	92.4	76.6	114.8	
131	91.6	72.6	108.8	

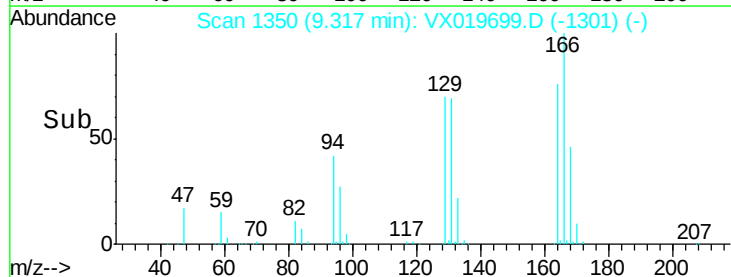
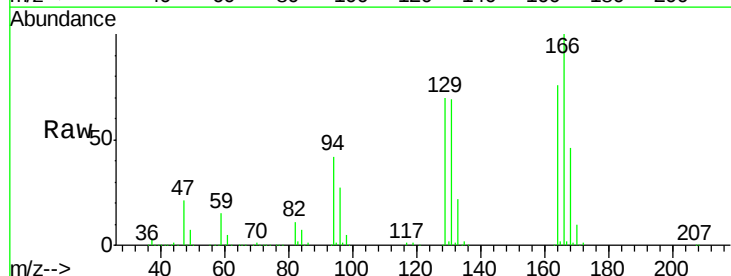
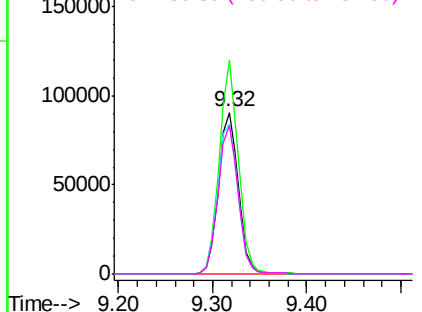
Abundance

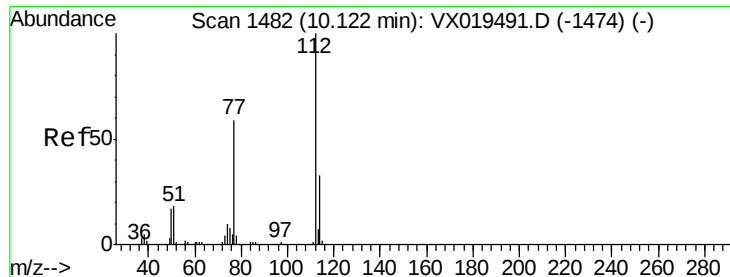
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





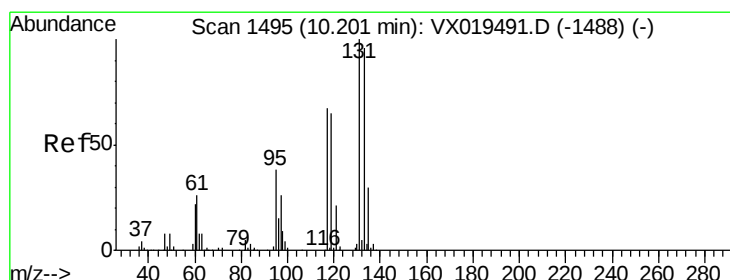
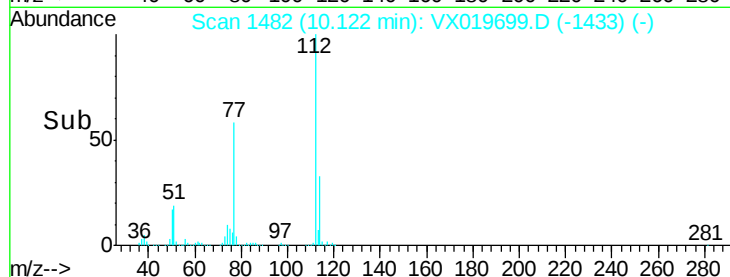
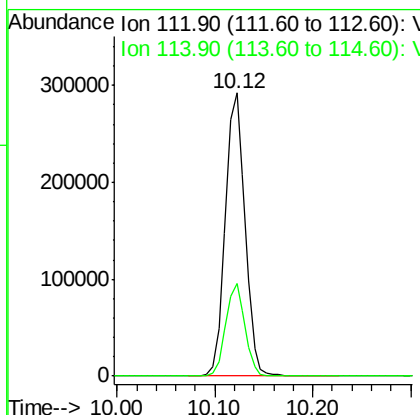
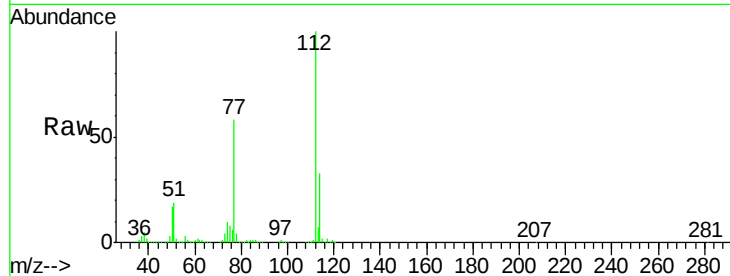
#65
Chlorobenzene
Concen: 50.518 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 407202
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

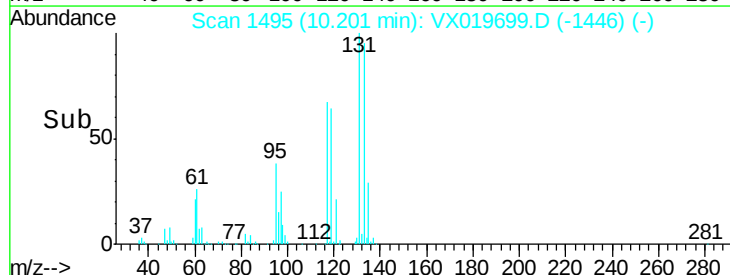
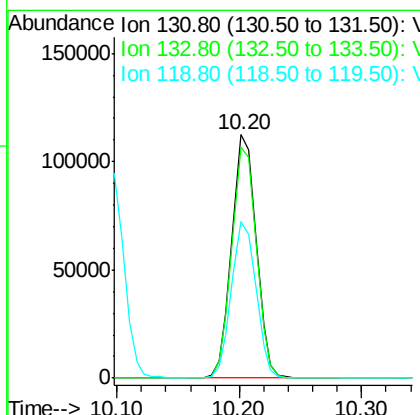
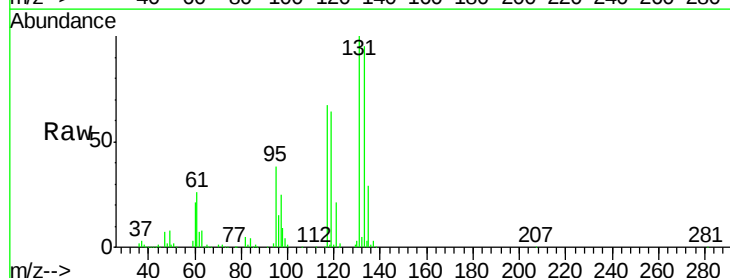
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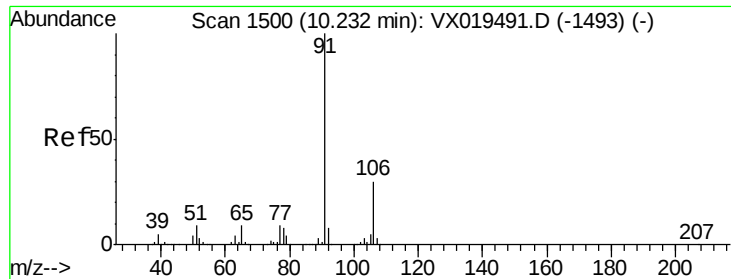
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.126 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion:131 Resp: 155762
Ion Ratio Lower Upper
131 100
133 95.6 48.5 145.5
119 64.5 33.0 99.0





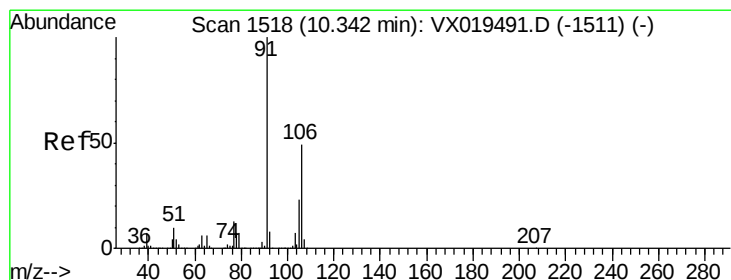
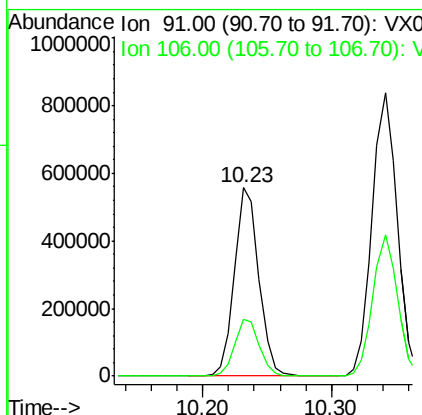
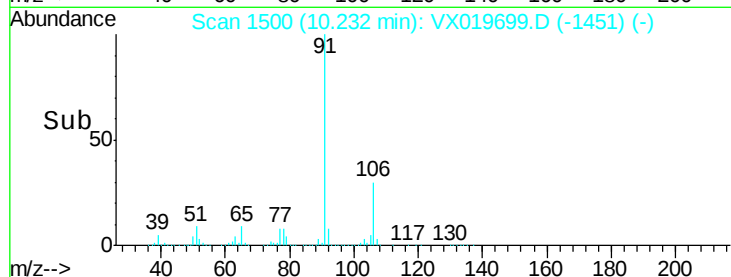
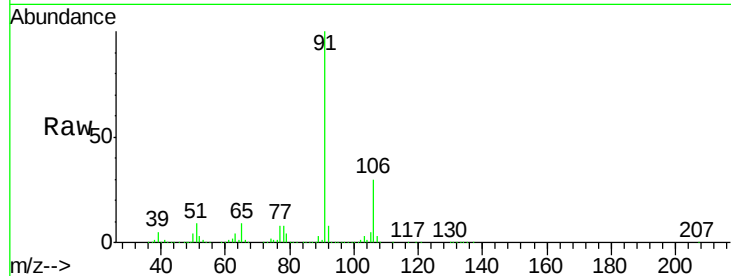
#67
Ethyl Benzene
Concen: 52.178 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 736800
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0

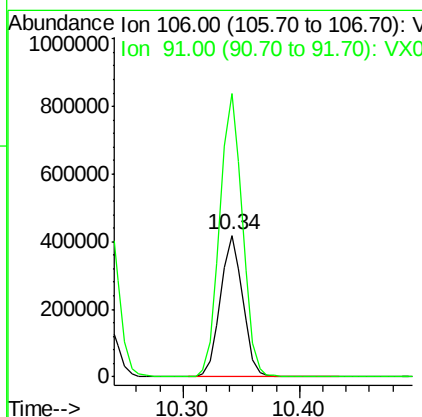
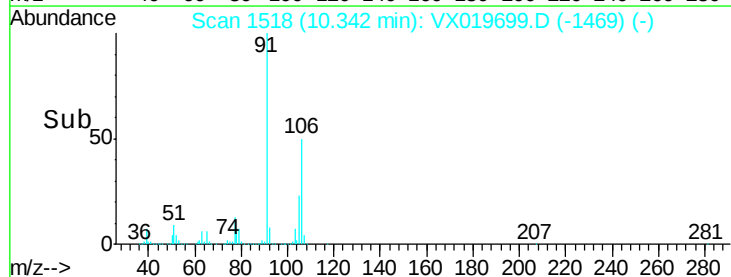
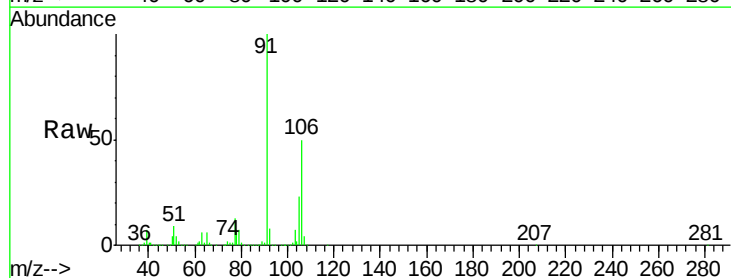
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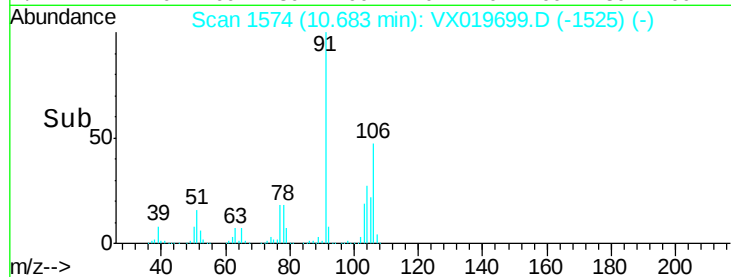
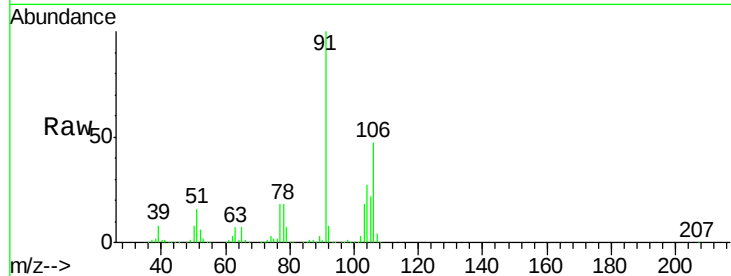
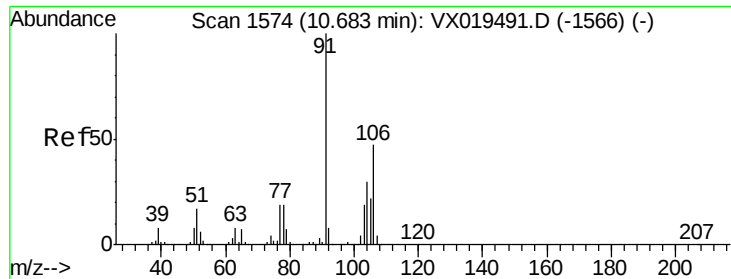
MMDadoda
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#68
m/p-Xylenes
Concen: 104.770 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 106 Resp: 551189
Ion Ratio Lower Upper
106 100
91 204.1 163.3 244.9





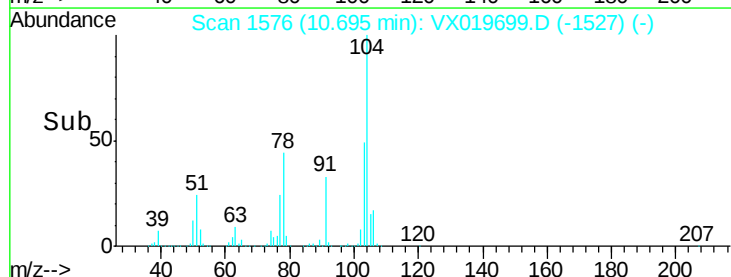
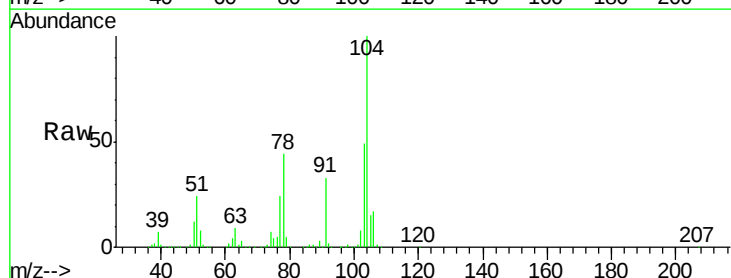
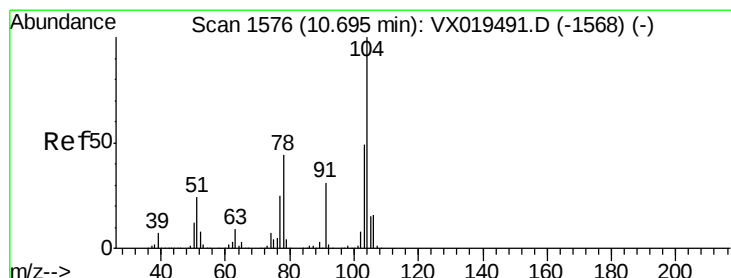
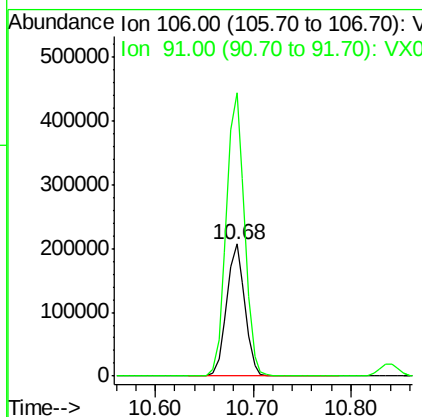
#69
o-Xylene
Concen: 52.916 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tot Ion:106 Resp: 266120
Ion Ratio Lower Upper
106 100
91 216.0 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

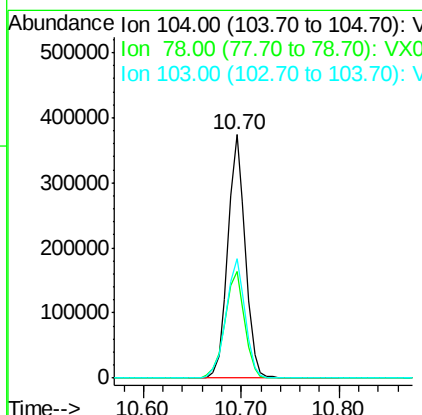
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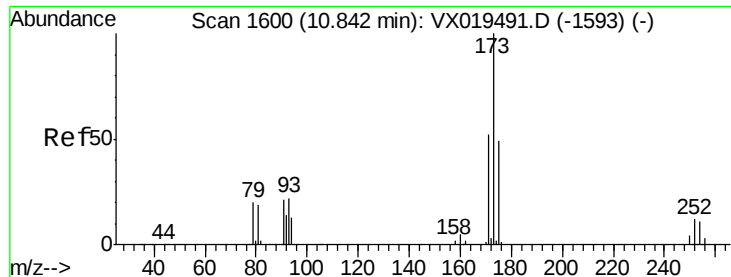
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#70
Styrene
Concen: 49.536 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion:104 Resp: 460992
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 54.3 43.6 65.4





#71

Bromoform

Concen: 48.441 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

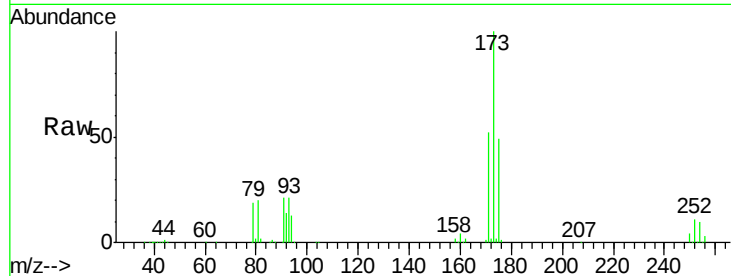
ClientSampleId :

VSTDCCC050EC

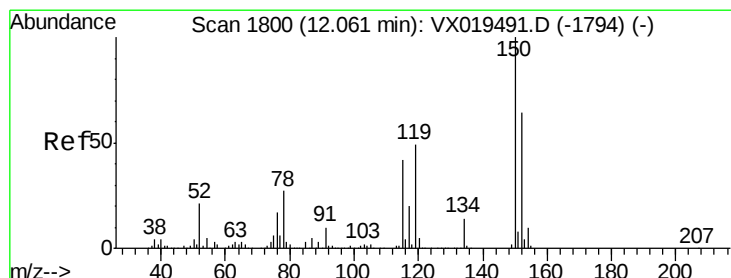
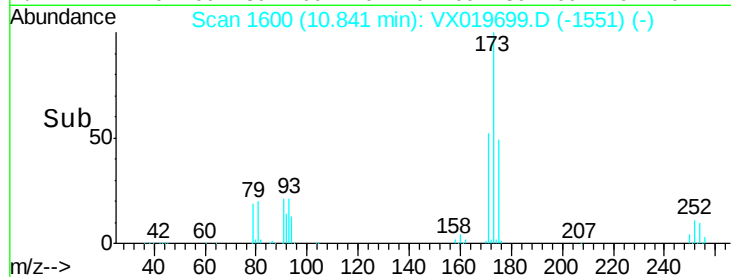
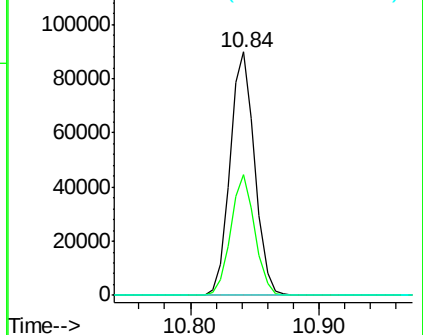
Tot Ion:	173	Resp:	120011
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.9	74.8
254	0.1	0.1	0.1

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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

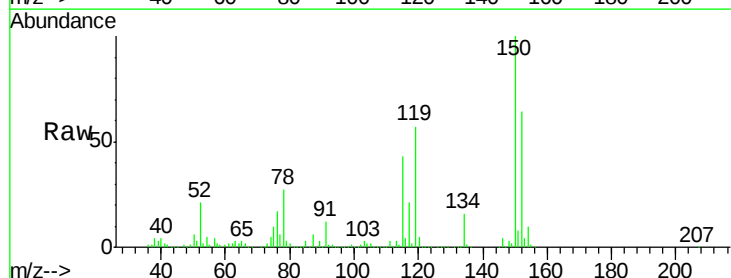
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

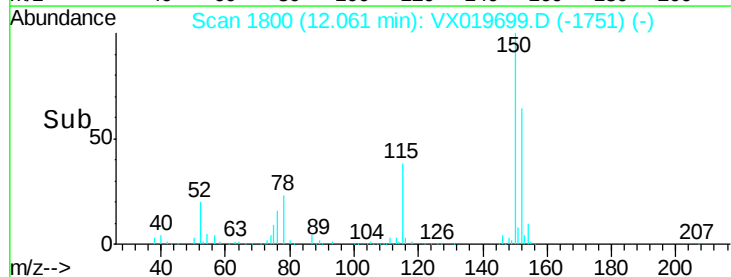
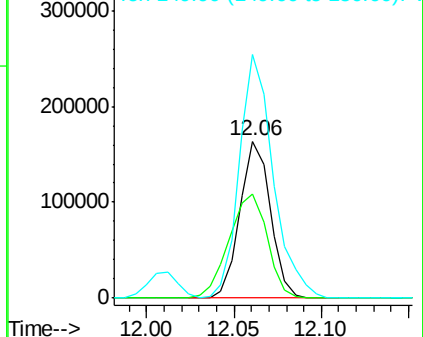
Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion:	152	Resp:	199056
Ion Ratio	Lower	Upper	
152	100		
115	83.2	41.8	125.4
150	172.2	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: 51.933 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 715138

Ion Ratio Lower Upper

105 100

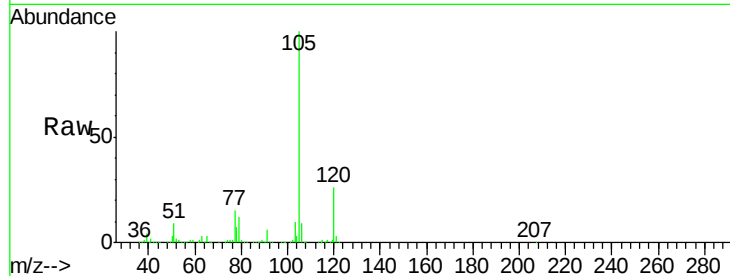
120 26.0 13.0 39.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

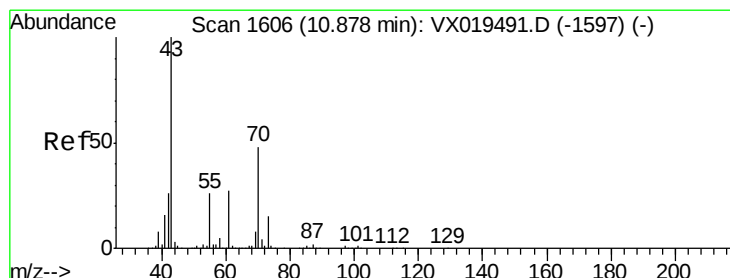
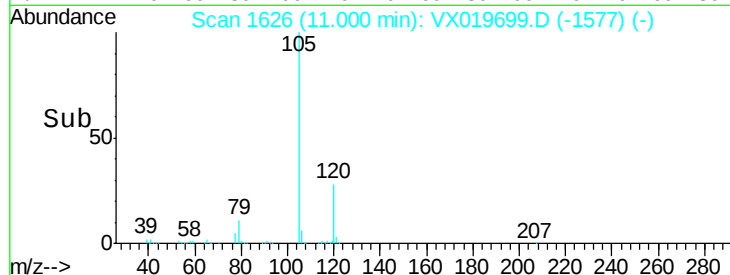
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 56.808 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion: 43 Resp: 293125

Ion Ratio Lower Upper

43 100

70 49.1 39.7 59.5

55 27.1 21.8 32.6

61 28.0 22.2 33.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

100000

0

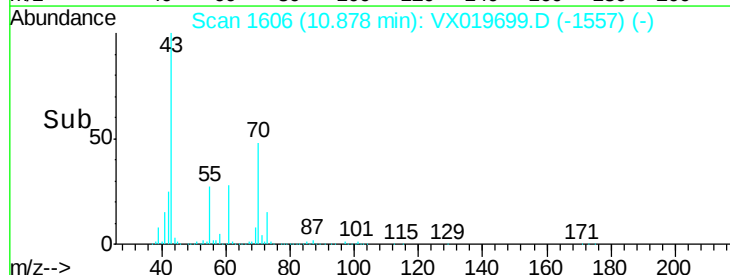
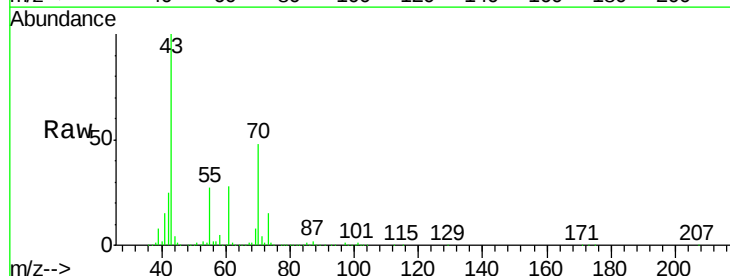
10.88

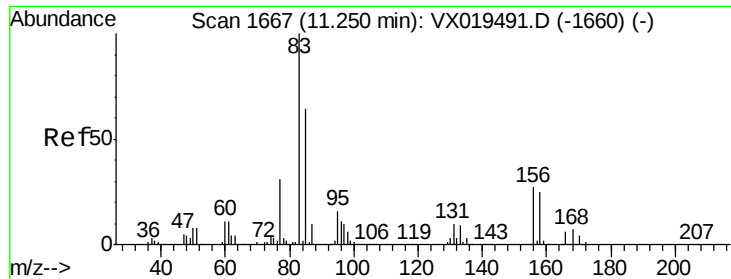
10.80

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.270 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

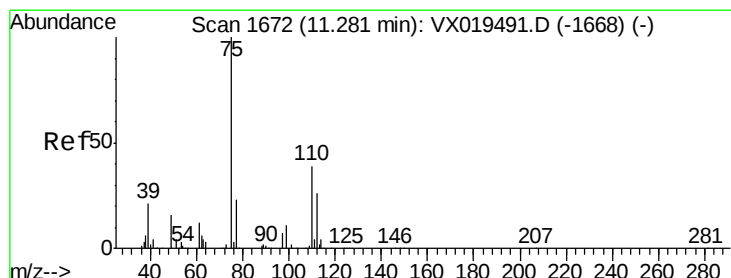
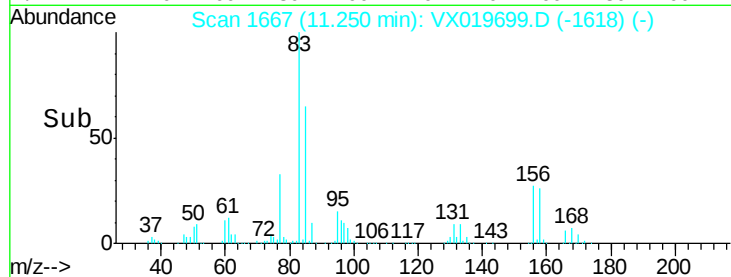
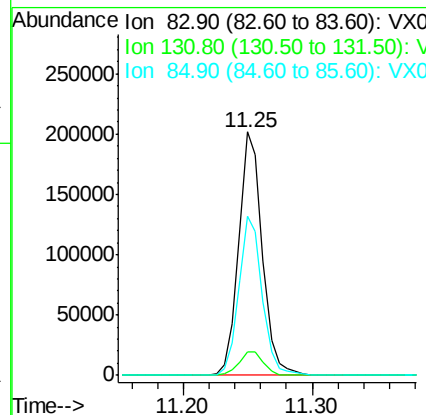
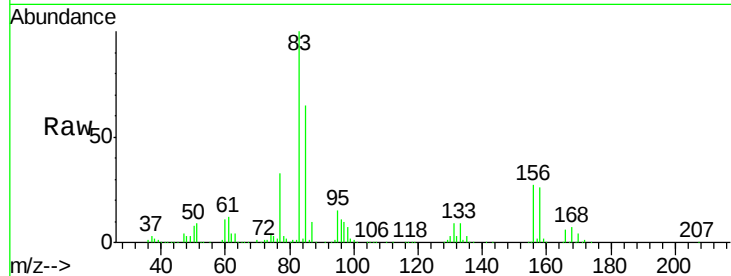
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	257399		
131	10.1	5.0	15.0	
85	65.2	32.4	97.2	

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#76

1,2,3-Trichloropropane

Concen: 52.474 ug/l m

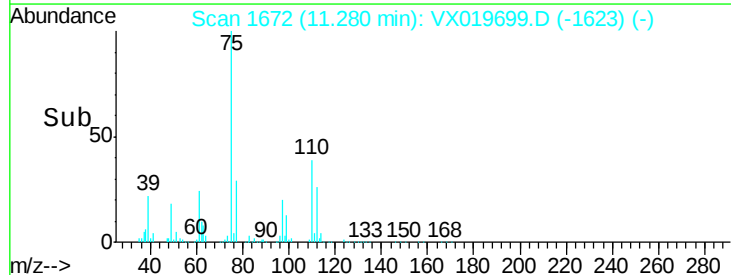
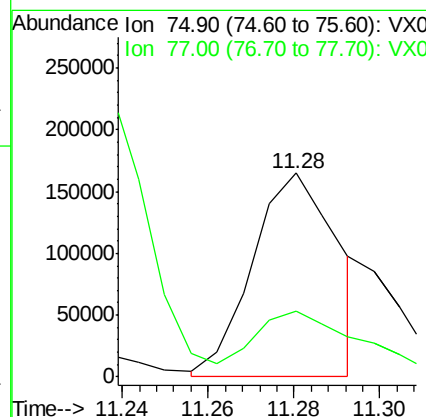
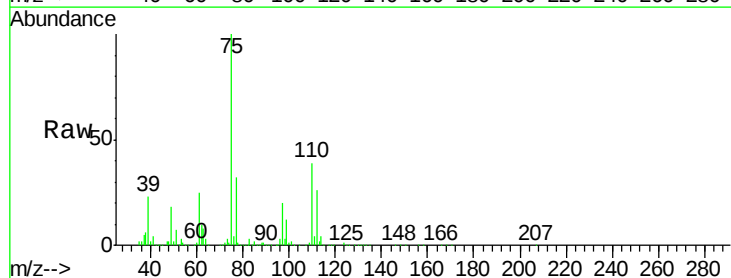
RT: 11.28 min Scan# 1672

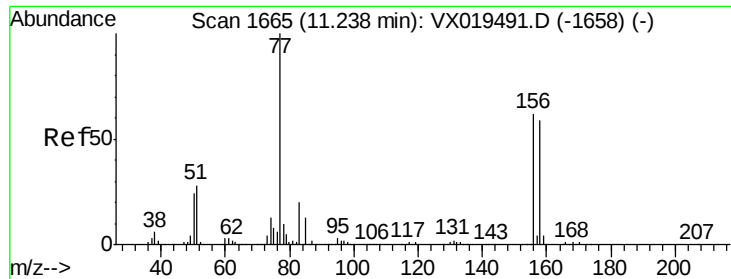
Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	227949		
77	40.6	20.0	60.0	





#77

Bromobenzene

Concen: 50.258 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

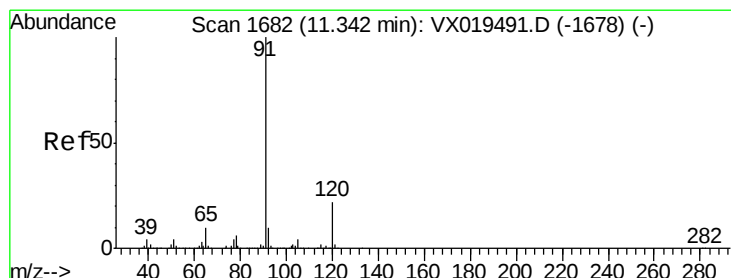
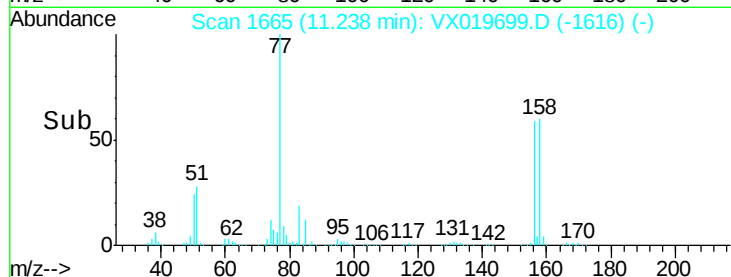
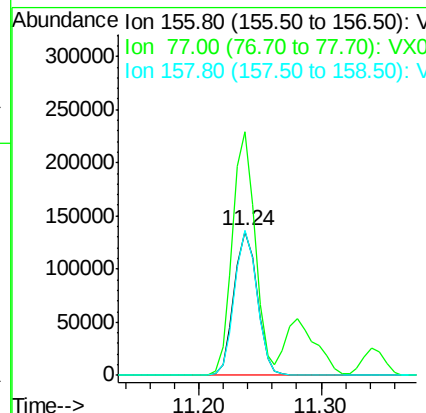
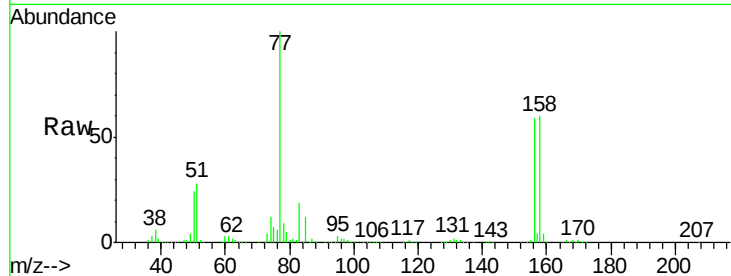
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	176673
Ion Ratio	Lower	Upper	
156	100		
77	167.0	82.5	247.3
158	98.2	48.9	146.7

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#78

n-propylbenzene

Concen: 51.146 ug/l

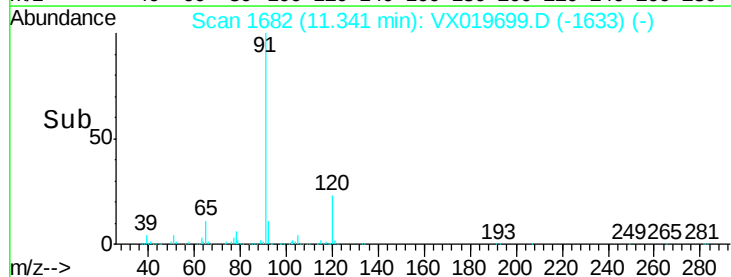
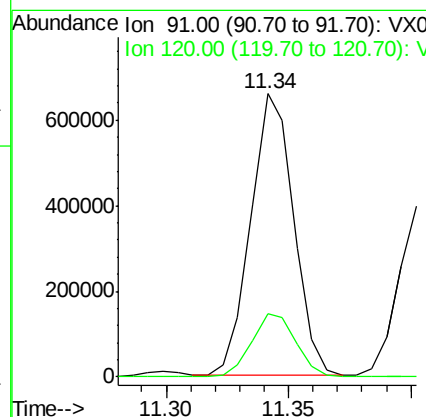
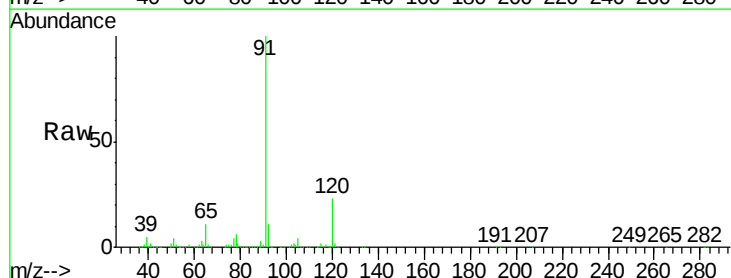
RT: 11.34 min Scan# 1682

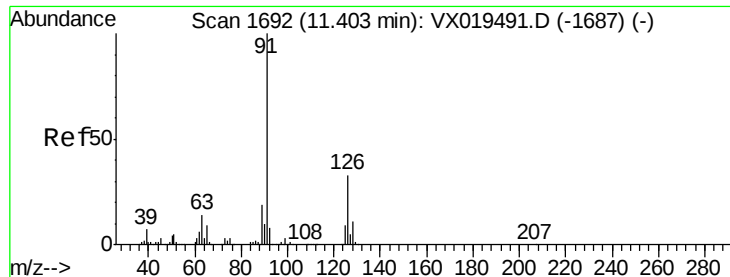
Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion:	91	Resp:	807963
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 51.458 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 492985

Ion Ratio Lower Upper

91 100

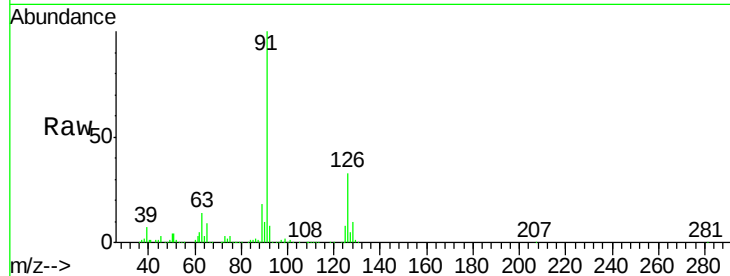
126 33.2 16.7 50.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019491.D (-1687) (-)

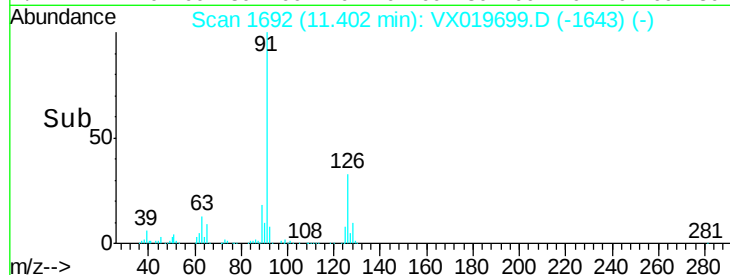
600000

400000

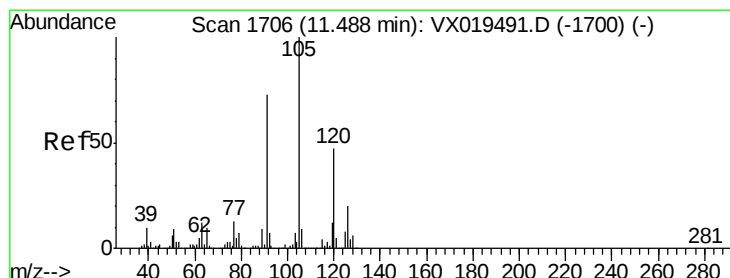
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.920 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019699.D

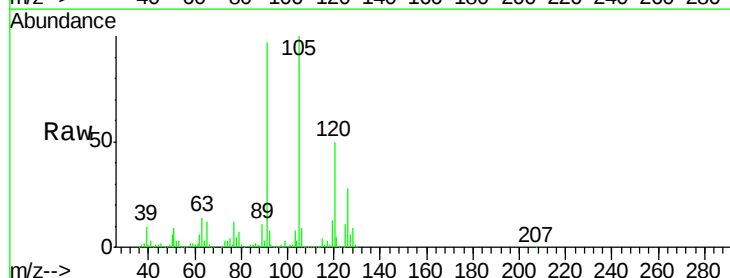
Acq: 01 Dec 2020 16:44

Tgt Ion: 105 Resp: 599758

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019491.D (-1700) (-)

500000

400000

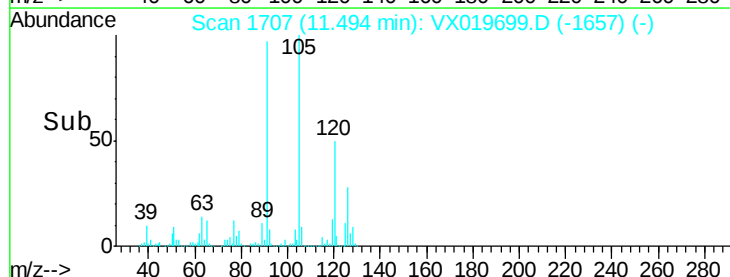
300000

200000

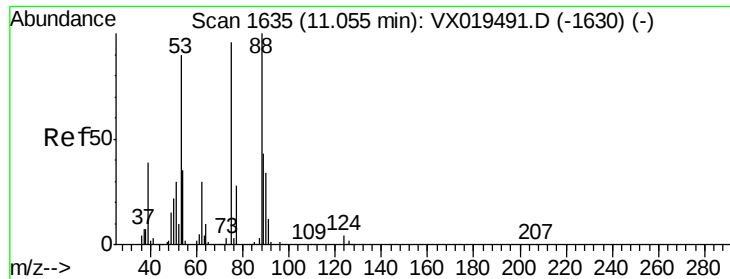
100000

0

11.45 11.50 11.55



Time-->



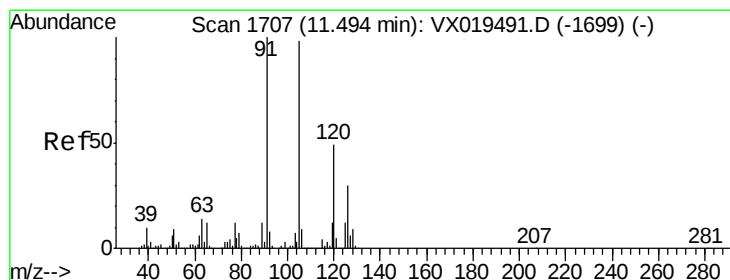
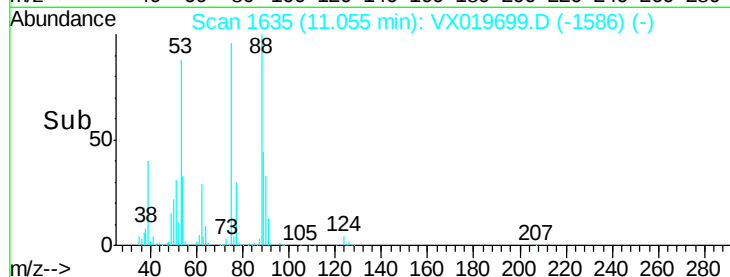
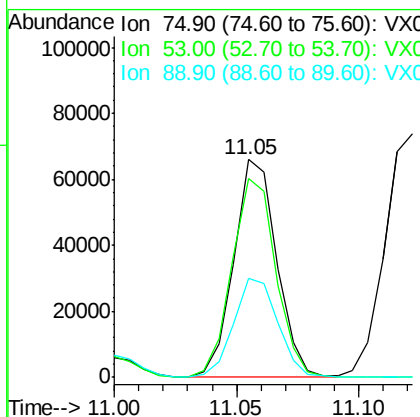
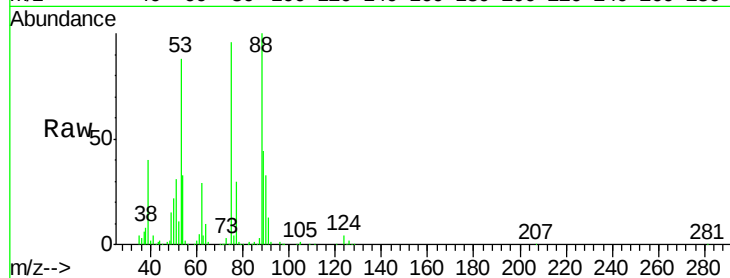
#81
trans-1,4-Dichloro-2-butene
Concen: 49.897 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.8	73.9	110.9
89	47.2	37.3	55.9

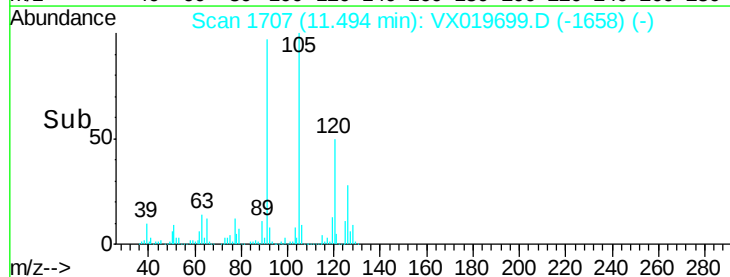
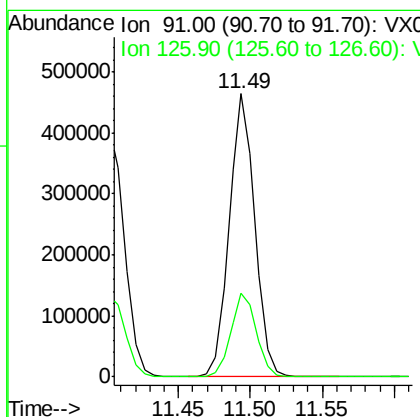
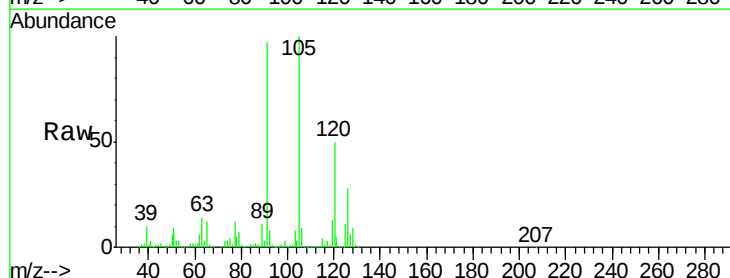
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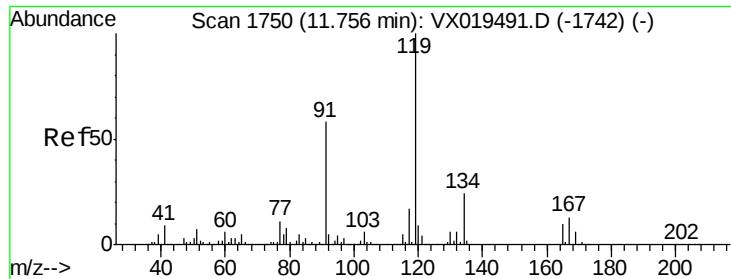
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.114 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.9	44.7





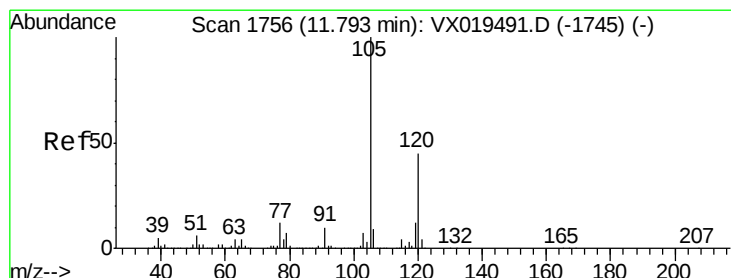
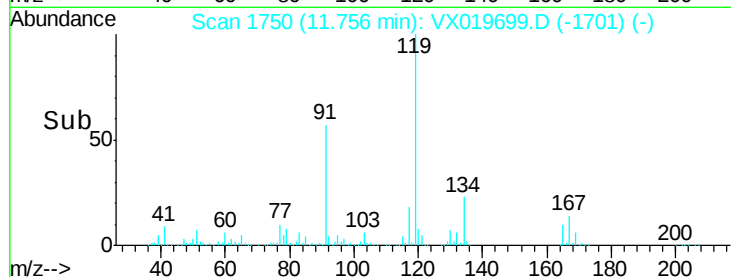
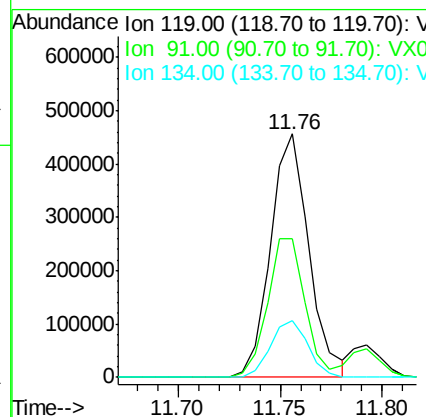
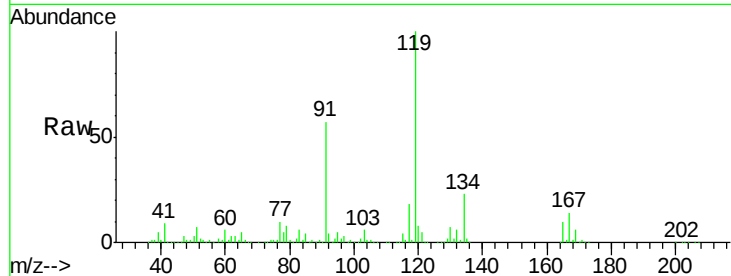
#83
 tert-Butylbenzene
 Concen: 53.439 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	597209		
91	55.9		28.9	86.8
134	23.0		11.7	35.0

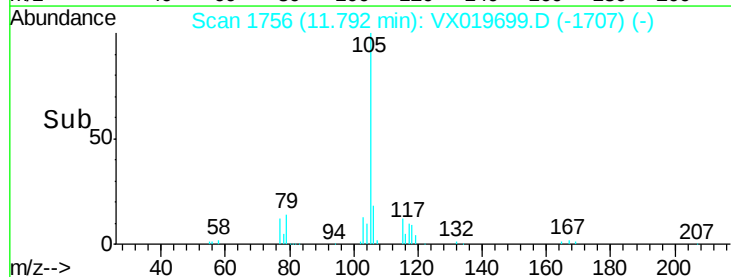
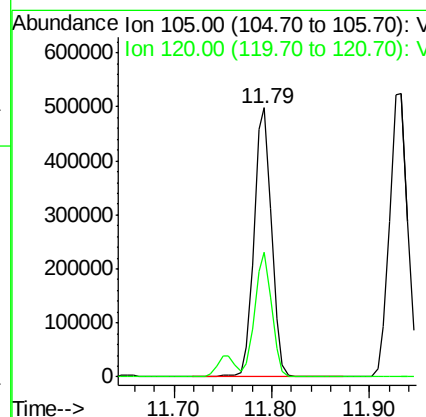
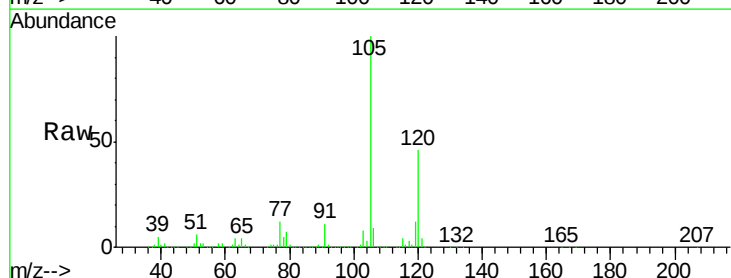
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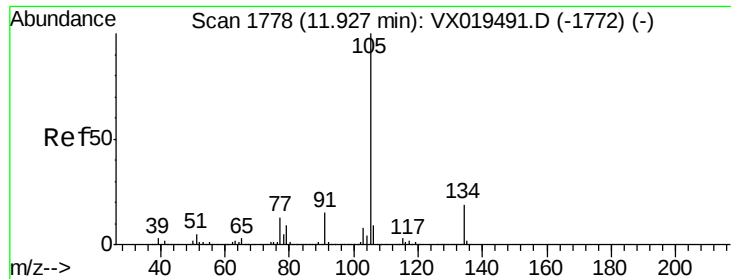
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.720 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	616193		
120	44.9		22.2	66.6





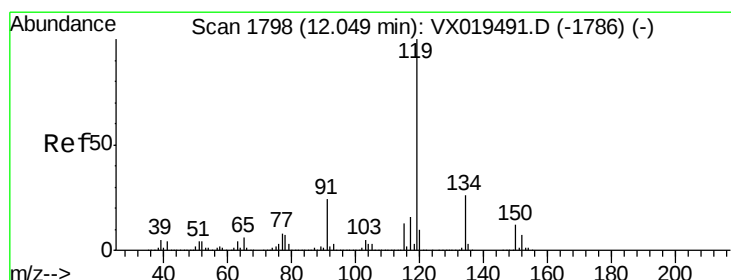
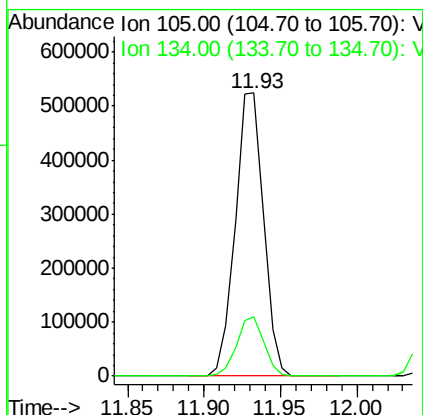
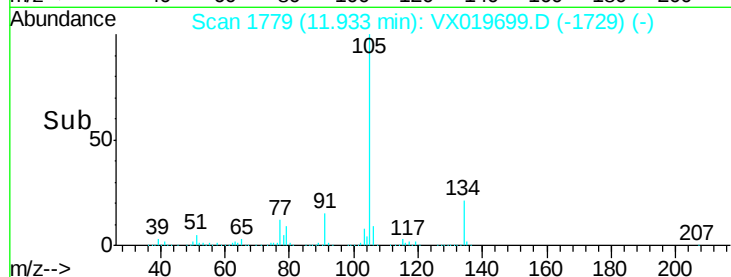
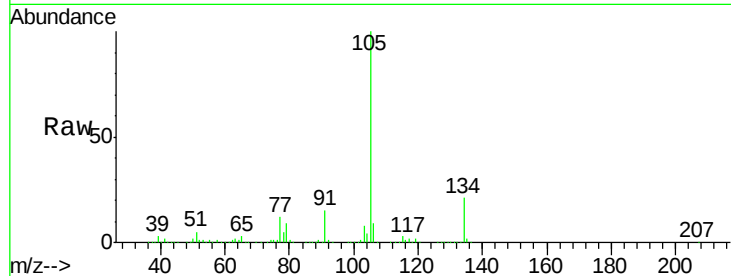
#85
 sec-Butylbenzene
 Concen: 50.576 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

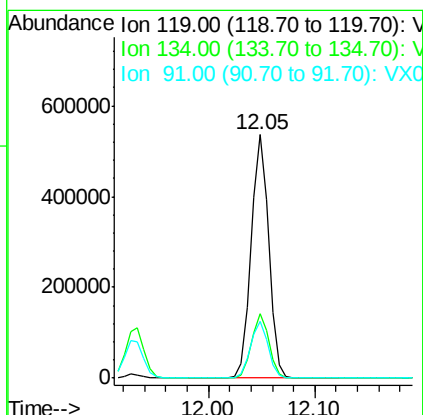
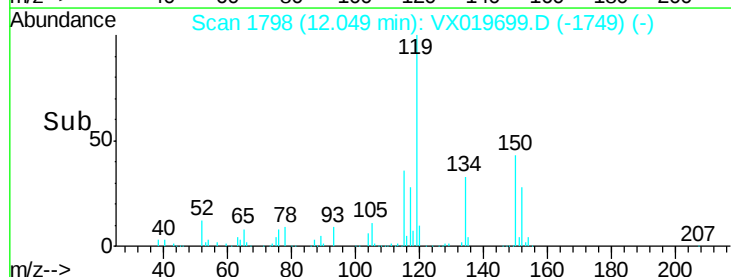
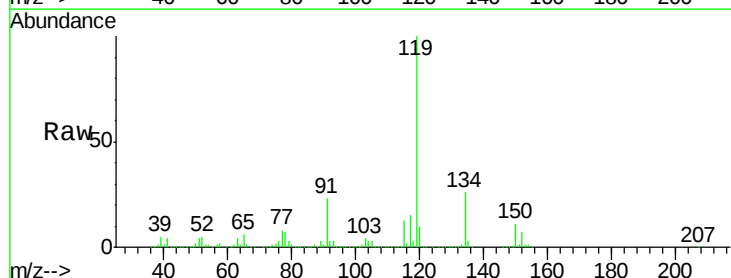
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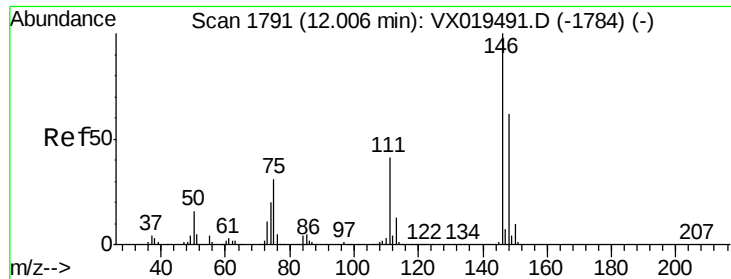
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#86
 p-Isopropyltoluene
 Concen: 51.608 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.3
91	23.5	11.8	35.4





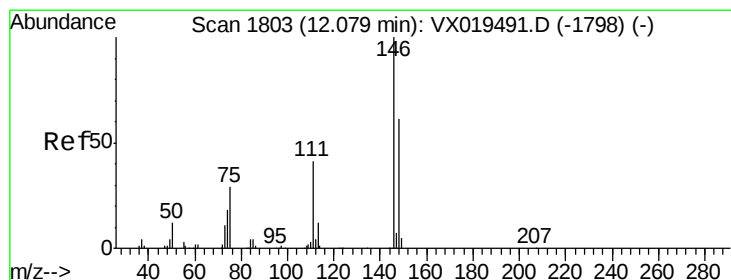
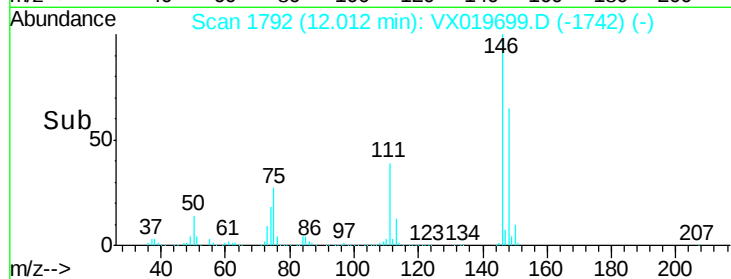
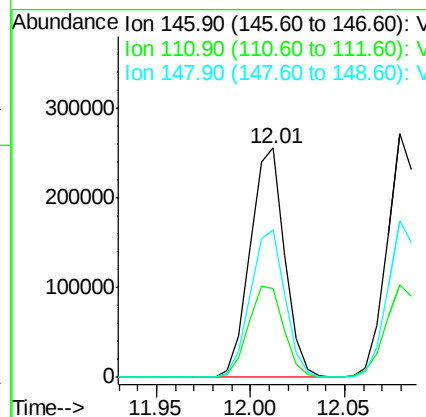
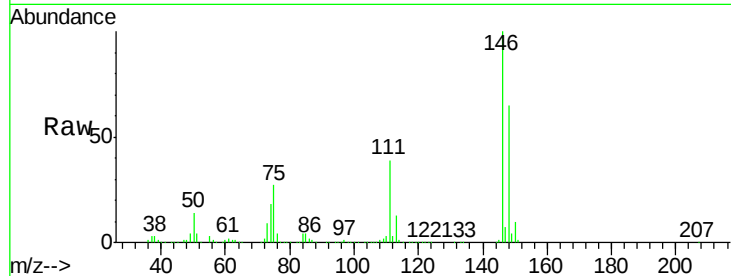
#87
 1,3-Dichlorobenzene
 Concen: 50.022 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.6
148	64.9	31.4	94.2

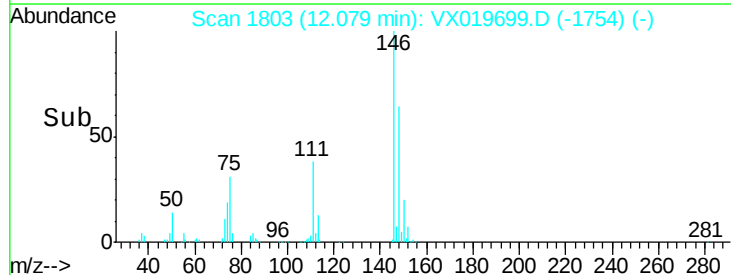
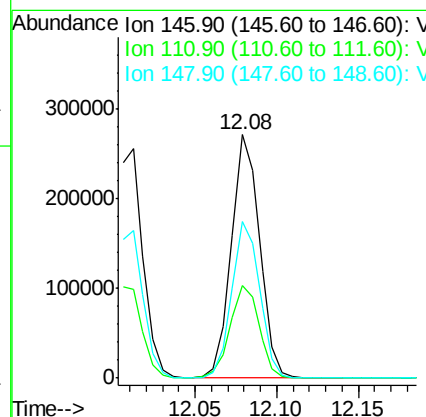
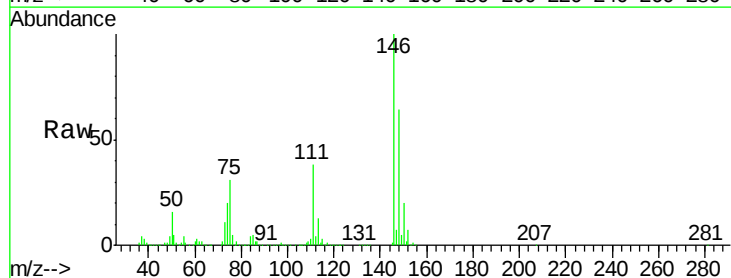
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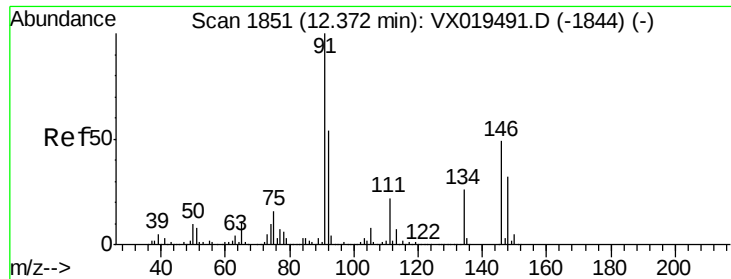
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#88
 1,4-Dichlorobenzene
 Concen: 49.025 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.6
148	64.2	31.7	95.1





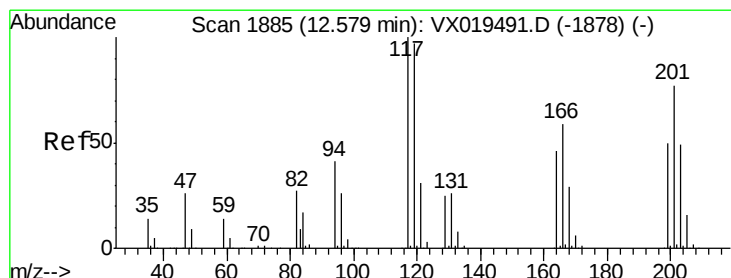
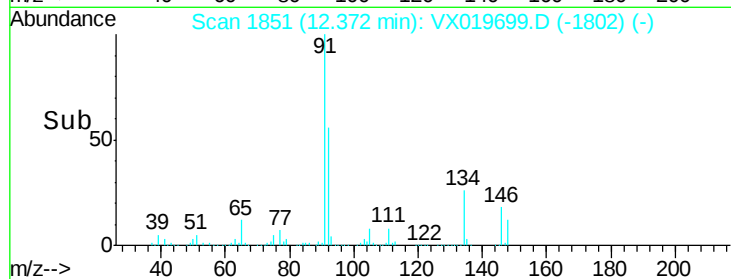
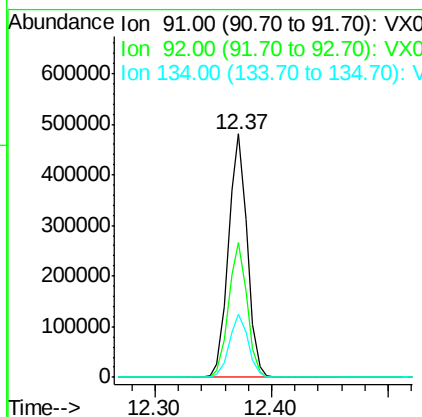
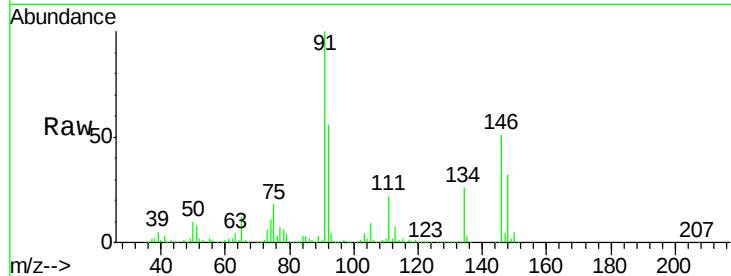
#89
n-Butylbenzene
Concen: 48.945 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	26.9	80.6
134	25.9	12.9	38.6

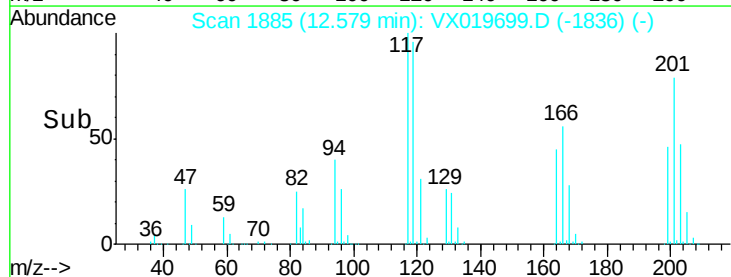
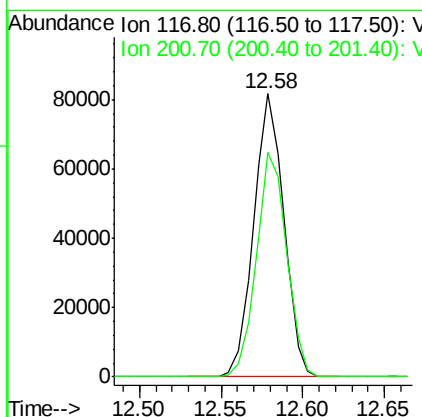
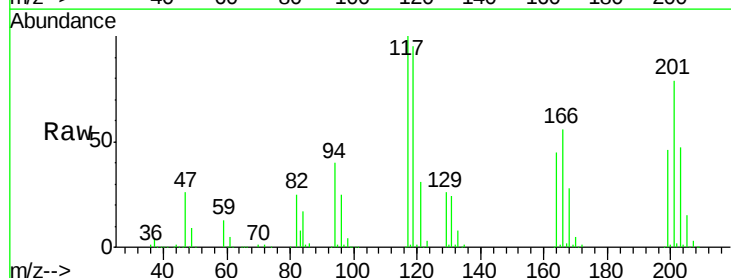
Manual Integrations
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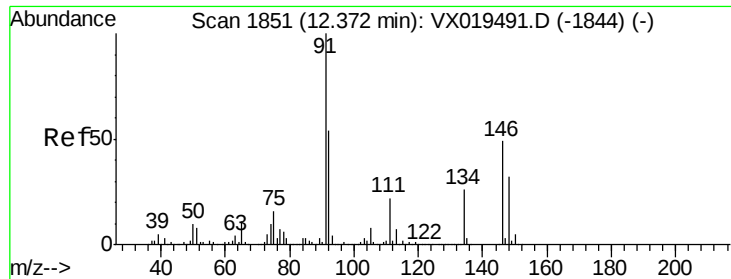
MMDadoda
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#90
Hexachloroethane
Concen: 51.975 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.8	39.4	118.2





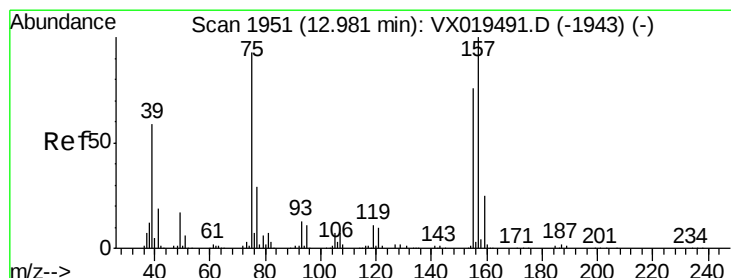
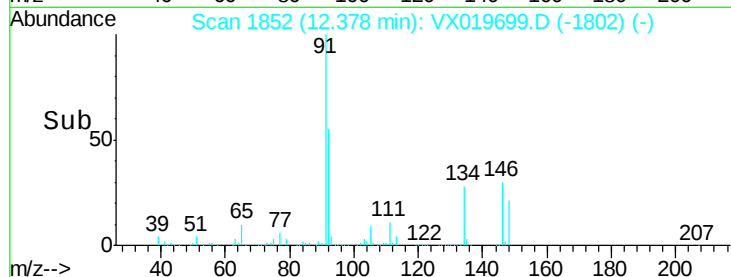
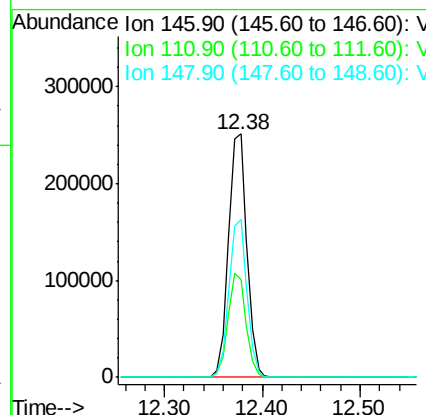
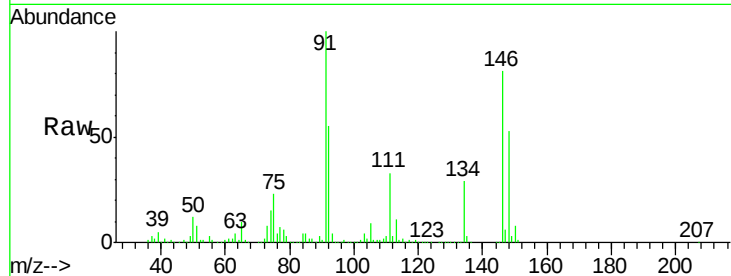
#91
 1,2-Dichlorobenzene
 Concen: 50.539 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.3
148	63.5	32.4	97.0

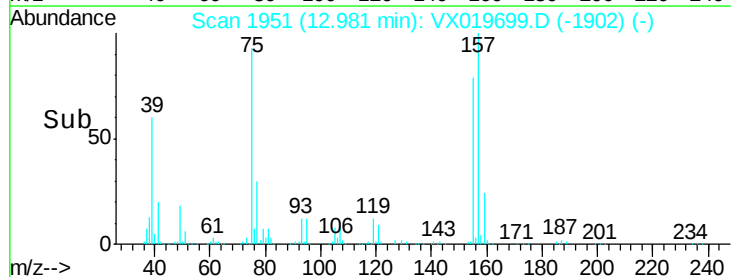
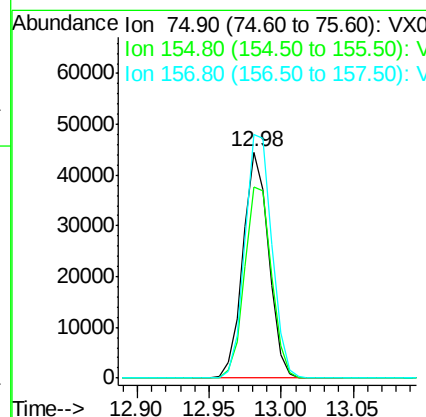
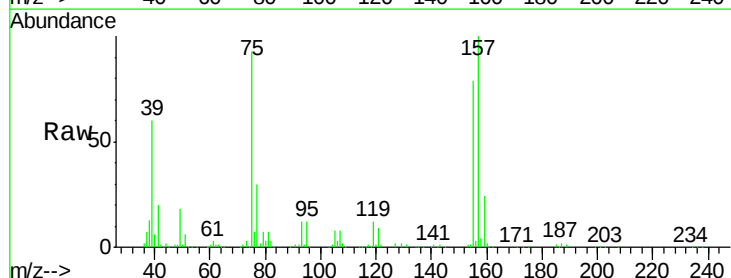
Manual Integrations
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 12/2/2020 12:44:03 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.954 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	43.6	130.9
157	112.5	57.0	170.8





#93

1,2,4-Trichlorobenzene

Concen: 50.652 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

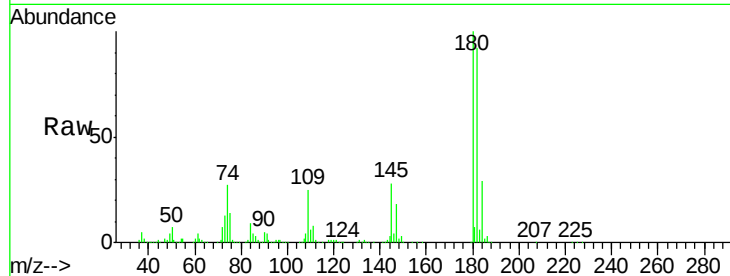
ClientSampleId :

VSTDCCC050EC

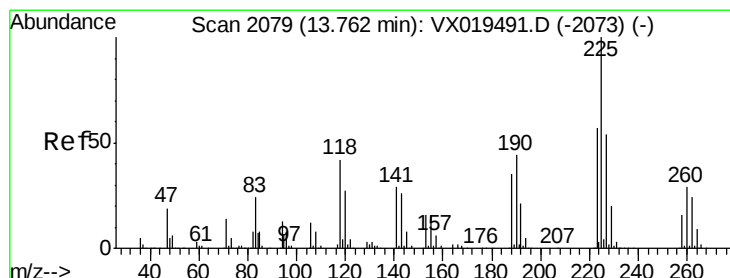
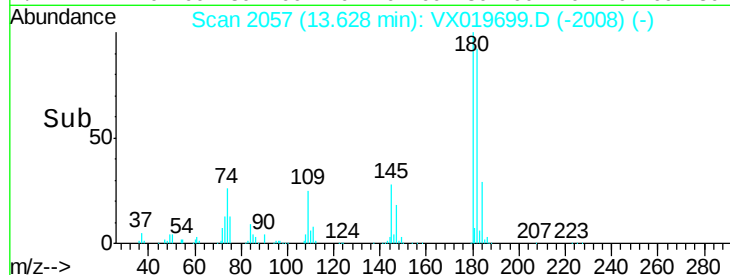
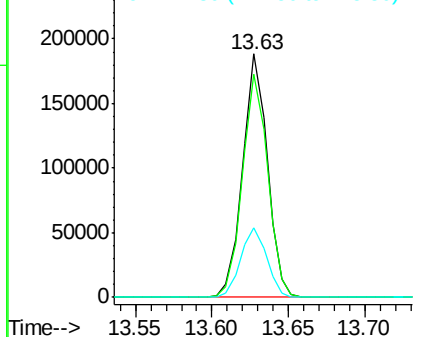
Tot Ion:	180	Resp:	210857
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.6	145.9
145	30.2	15.9	47.7

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:44:03 PM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 43.617 ug/l

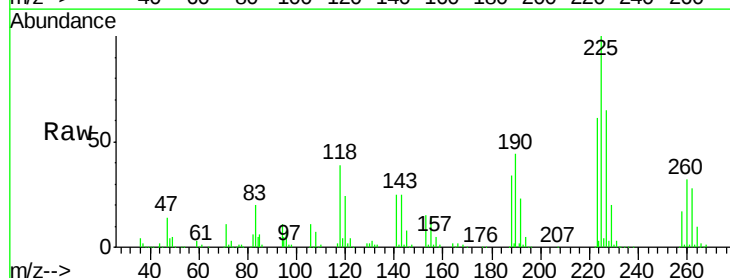
RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

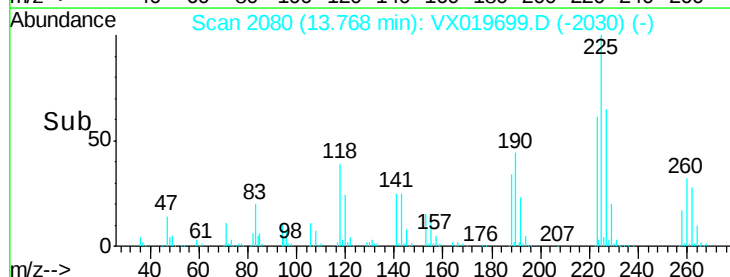
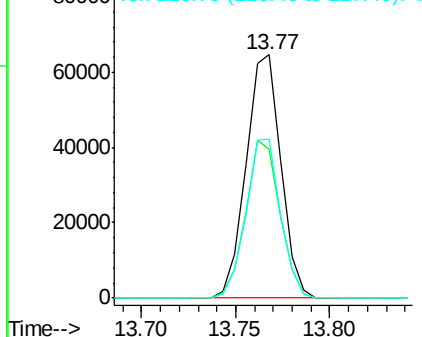
Lab File: VX019699.D

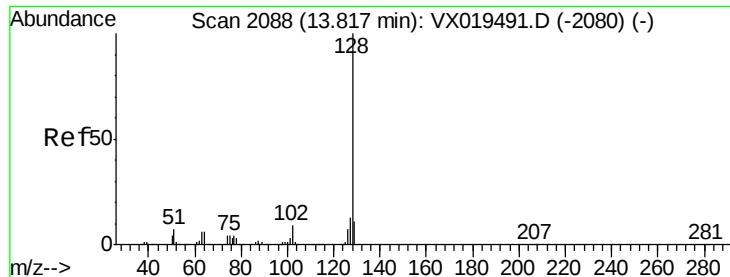
Acq: 01 Dec 2020 16:44

Tgt Ion:	225	Resp:	82714
Ion Ratio	Lower	Upper	
225	100		
223	63.5	32.5	97.5
227	64.7	32.8	98.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





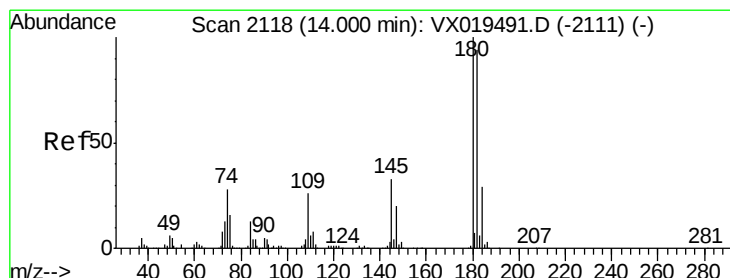
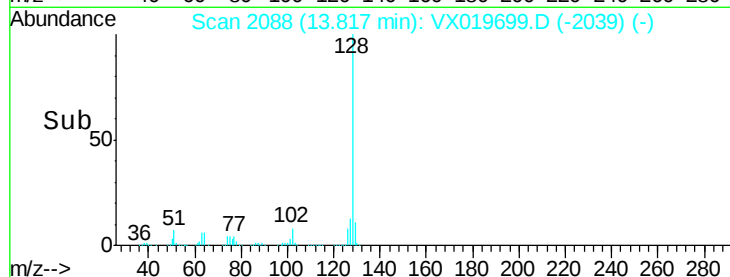
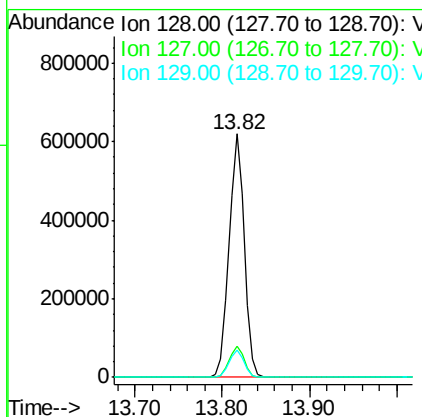
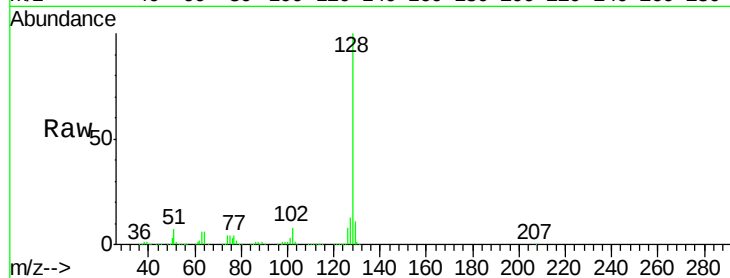
#95
Naphthalene
Concen: 50.941 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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12/2/2020 12:44:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.142 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.1	144.3
145	33.0	16.6	49.8

