

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\
 Data File : VX019643.D
 Acq On : 25 Nov 2020 06:37
 Operator : JC/MD
 Sample : L4835-14MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:55:00 AM

Quant Time: Nov 25 07:53:00 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	255155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	437059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168617	50.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.94%
35) Dibromofluoromethane	5.46	113	136203	49.65	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.30%
50) Toluene-d8	8.70	98	529520	49.67	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.34%
62) 4-Bromofluorobenzene	11.12	95	193187	50.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.74%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	122987	49.566	ug/l	99
3) Chloromethane	1.31	50	140829	49.461	ug/l	99
4) Vinyl Chloride	1.39	62	151663	49.482	ug/l	99
5) Bromomethane	1.62	94	54780	47.186	ug/l	98
6) Chloroethane	1.69	64	80311	112.880	ug/l	98
7) Trichlorofluoromethane	1.90	101	213765	48.321	ug/l	98
8) Diethyl Ether	2.17	74	90192	50.907	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	118796	48.134	ug/l	99
10) Methyl Iodide	2.48	142	165519	51.050	ug/l	98
11) Tert butyl alcohol	3.04	59	158953	253.879	ug/l	100
12) 1,1-Dichloroethene	2.35	96	122002	48.162	ug/l	96
13) Acrolein	2.28	56	84581	200.972	ug/l	99
14) Allyl chloride	2.70	41	191770	48.325	ug/l	99
15) Acrylonitrile	3.12	53	390087	264.187	ug/l	99
16) Acetone	2.42	43	309566	241.966	ug/l	100
17) Carbon Disulfide	2.54	76	304531	44.749	ug/l	100
18) Methyl Acetate	2.75	43	141140	45.057	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	466355	53.335	ug/l	100
20) Methylene Chloride	2.83	84	156404	48.912	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	142467	49.639	ug/l	97
22) Diisopropyl ether	3.82	45	433066	52.753	ug/l	98
23) Vinyl Acetate	3.78	43	1614126	234.410	ug/l	100
24) 1,1-Dichloroethane	3.67	63	257136	51.209	ug/l	100
25) 2-Butanone	4.63	43	492104	256.055	ug/l	100
26) 2,2-Dichloropropane	4.55	77	162247	37.019	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	172230	52.242	ug/l	98
28) Bromochloromethane	4.98	49	114188	47.565	ug/l	99
29) Tetrahydrofuran	5.09	42	316863	258.401	ug/l	100
30) Chloroform	5.18	83	273915	52.169	ug/l	99
31) Cyclohexane	5.54	56	213416	49.599	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	234571	52.009	ug/l	99
36) 1,1-Dichloropropene	5.76	75	196870	48.047	ug/l	99
37) Ethyl Acetate	4.79	43	173788	45.179	ug/l	99
38) Carbon Tetrachloride	5.75	117	194887	49.139	ug/l	99

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 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	7.44	83	215382	45.145	ug/l	100
40) Benzene	6.11	78	620469	49.285	ug/l	100
41) Methacrylonitrile	5.01	41	106205	50.068	ug/l	97
42) 1,2-Dichloroethane	6.16	62	215227	49.878	ug/l	100
43) Isopropyl Acetate	6.41	43	300523	46.476	ug/l	100
44) Trichloroethene	7.19	130	159291	48.305	ug/l	96
45) 1,2-Dichloropropane	7.49	63	156424	50.471	ug/l	99
46) Dibromomethane	7.63	93	107412	50.637	ug/l	99
47) Bromodichloromethane	7.87	83	213335	51.829	ug/l	98
48) Methyl methacrylate	7.74	41	159264	52.592	ug/l	99
49) 1,4-Dioxane	7.72	88	71417	1038.663	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	989964	262.545	ug/l	100
52) Toluene	8.76	92	398119	51.693	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	222341	50.016	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	241826	49.019	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	162322	51.752	ug/l	98
56) Ethyl methacrylate	9.16	69	240149	54.109	ug/l	100
57) 1,3-Dichloropropane	9.35	76	272721	51.934	ug/l	99
59) 2-Hexanone	9.48	43	734274	256.762	ug/l	99
60) Dibromochloromethane	9.56	129	162644	52.940	ug/l	100
61) 1,2-Dibromoethane	9.65	107	168712	52.183	ug/l	98
64) Tetrachloroethene	9.32	164	133080	41.479	ug/l	97
65) Chlorobenzene	10.12	112	413392	49.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	155454	50.927	ug/l	97
67) Ethyl Benzene	10.23	91	745826	50.731	ug/l	100
68) m/p-Xylenes	10.34	106	557423	101.771	ug/l	99
69) o-Xylene	10.68	106	268964	51.370	ug/l	100
70) Stvrene	10.69	104	448955	46.444	ug/l	100
71) Bromoform	10.84	173	114882	44.829	ug/l #	97
73) Isopropylbenzene	11.00	105	710598	53.450	ug/l	100
74) N-amyl acetate	10.88	43	243367	48.852	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	244598	51.448	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	217424m	51.841	ug/l	
77) Bromobenzene	11.24	156	177207	52.213	ug/l	100
78) n-propylbenzene	11.34	91	786157	51.546	ug/l	99
79) 2-Chlorotoluene	11.40	91	484443	52.375	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	587802	52.705	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	67608	44.086	ug/l	97
82) 4-Chlorotoluene	11.49	91	564402	51.834	ug/l	99
83) tert-Butylbenzene	11.76	119	580822	53.832	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	596992	52.905	ug/l	100
85) sec-Butylbenzene	11.93	105	652042	50.798	ug/l	100
86) p-Isopropyltoluene	12.05	119	587992	50.454	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	310213	49.770	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	307223	47.852	ug/l	98
89) n-Butylbenzene	12.37	91	490619	46.567	ug/l	99
90) Hexachloroethane	12.58	117	99821	51.187	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	310996	49.679	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49445	50.978	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	193028	48.028	ug/l	97

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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)
94) Hexachlorobutadiene	13.76	225	77962	42.582	ug/l	96
95) Naphthalene	13.82	128	675912	47.783	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	202960	50.486	ug/l	98

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

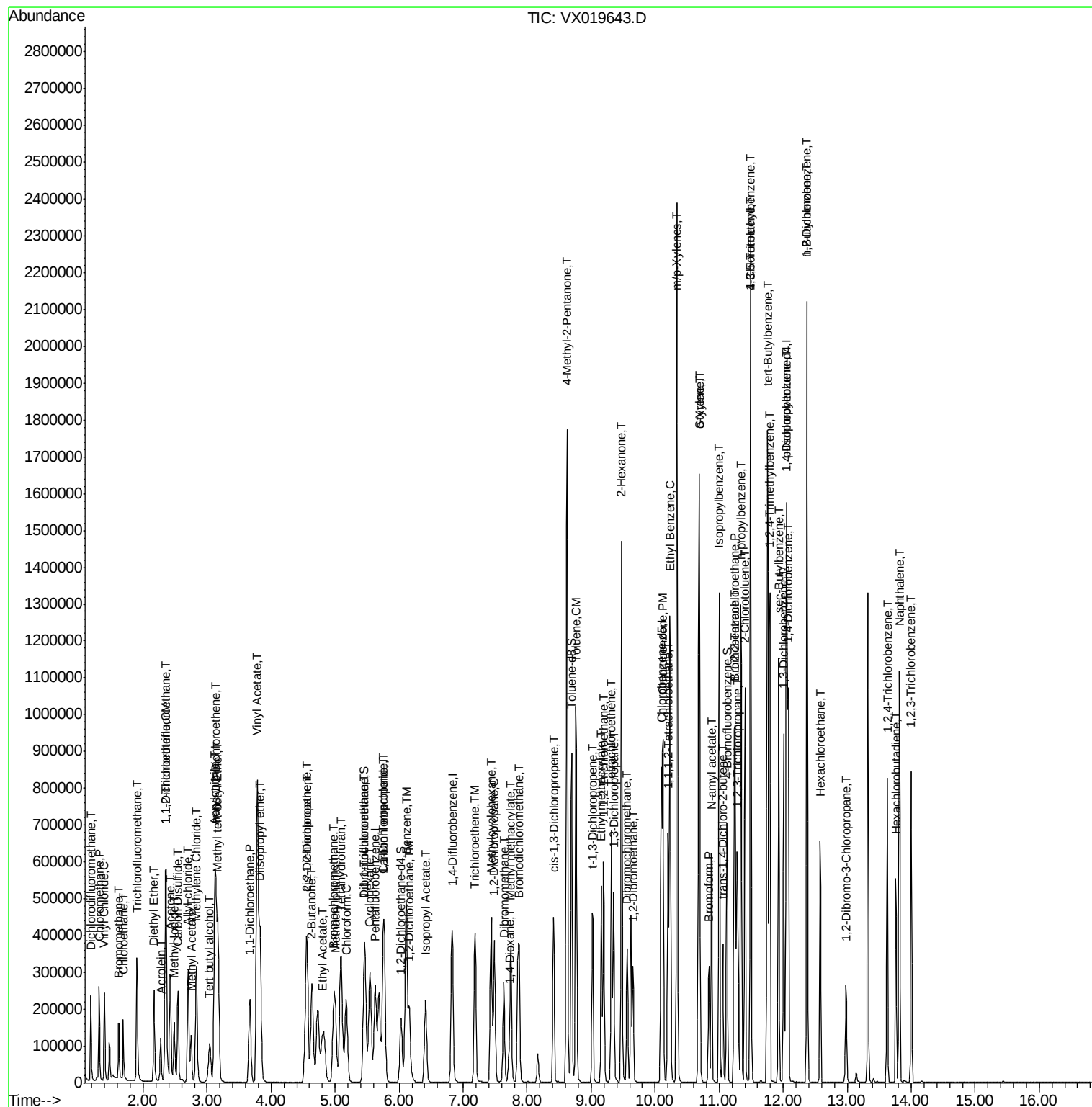
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 Data File : VX019643.D
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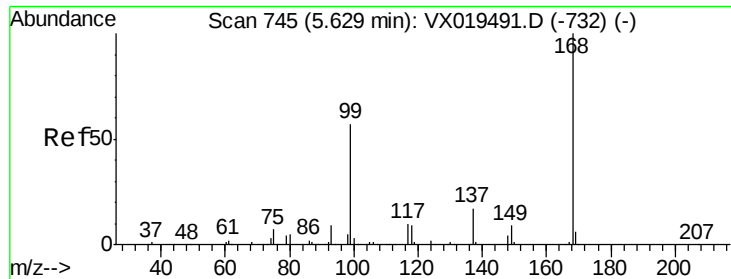
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion:168 Resp: 255155

Ion Ratio Lower Upper

168 100

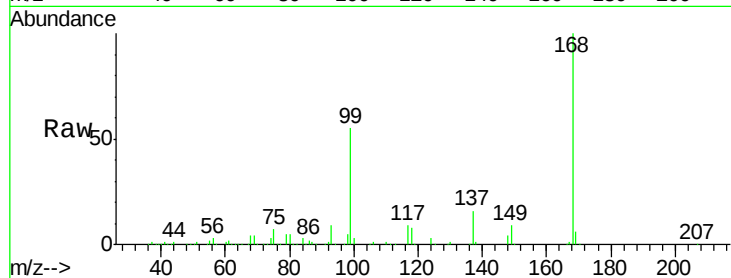
99 54.8 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

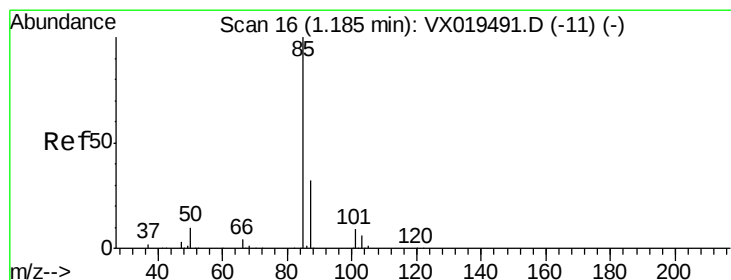
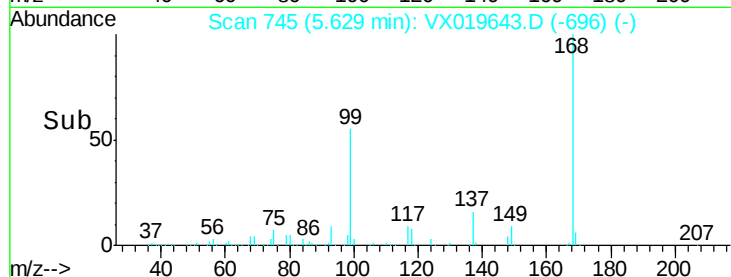
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.566 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019643.D

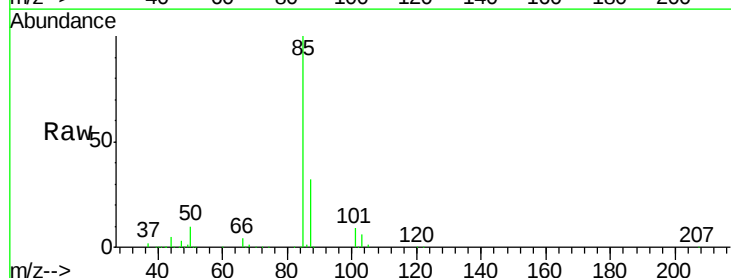
Acq: 25 Nov 2020 06:37

Tgt Ion: 85 Resp: 122987

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

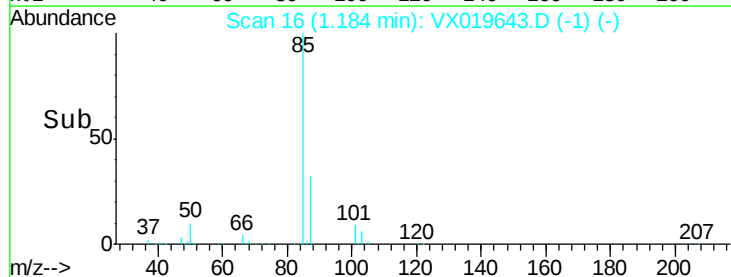
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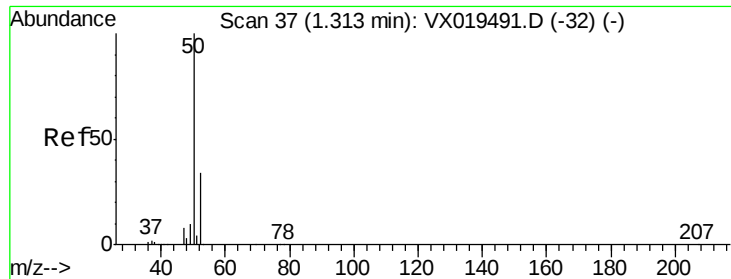
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.461 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion: 50 Resp: 140829

Ion Ratio Lower Upper

50 100

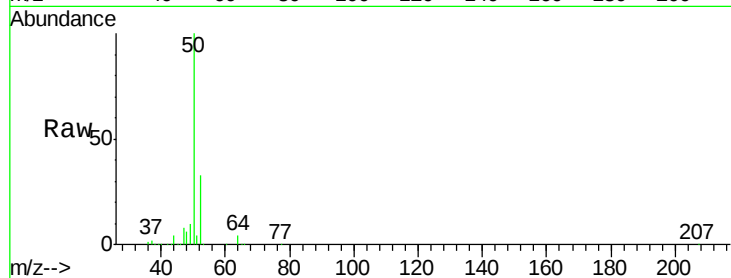
52 33.1 27.0 40.6

Manual Integrations

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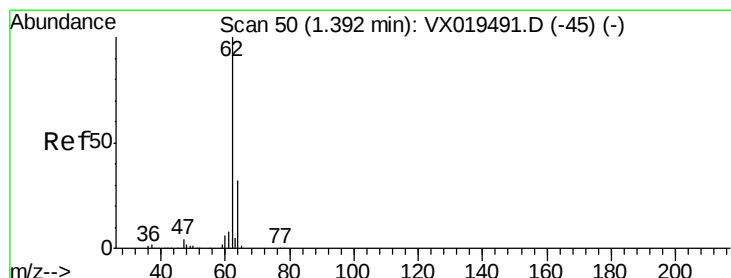
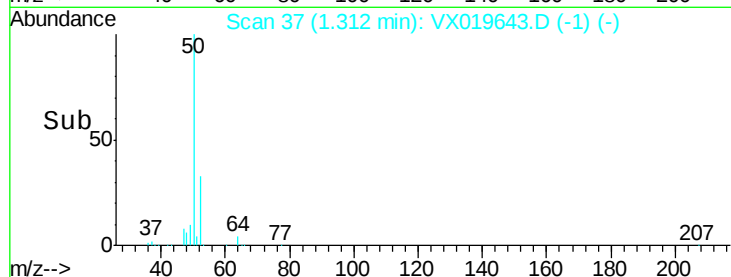
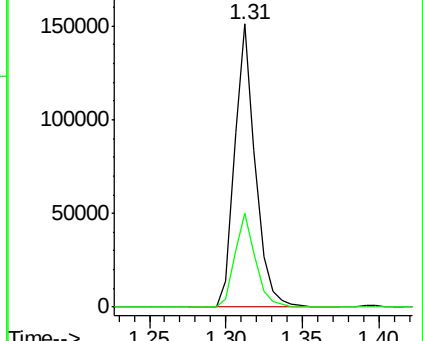
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.482 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019643.D

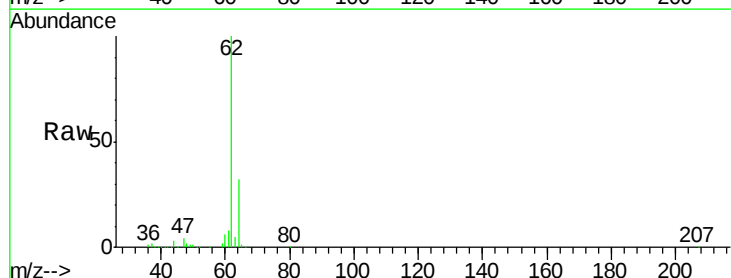
Acq: 25 Nov 2020 06:37

Tgt Ion: 62 Resp: 151663

Ion Ratio Lower Upper

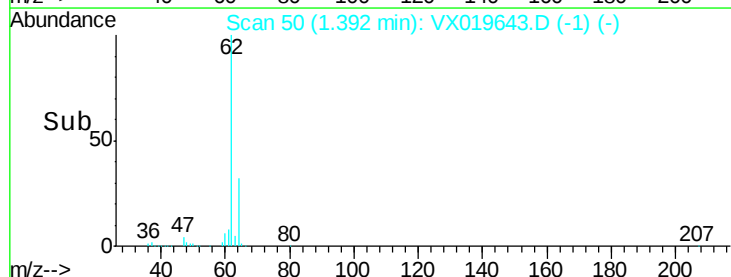
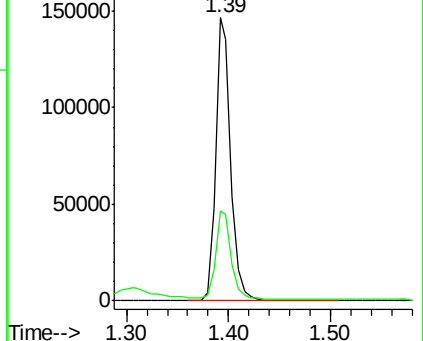
62 100

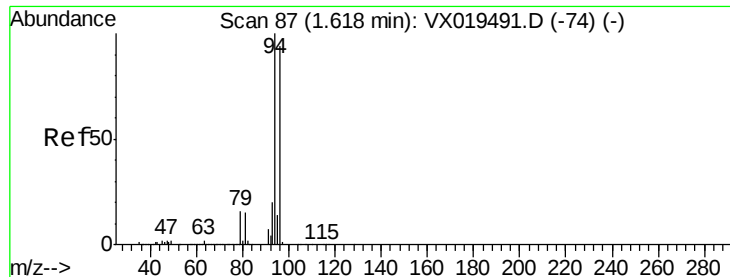
64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.186 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

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Tot Ion: 94 Resp: 54780

Ion Ratio Lower Upper

94 100

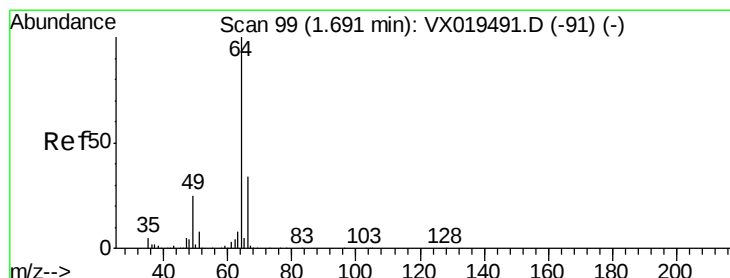
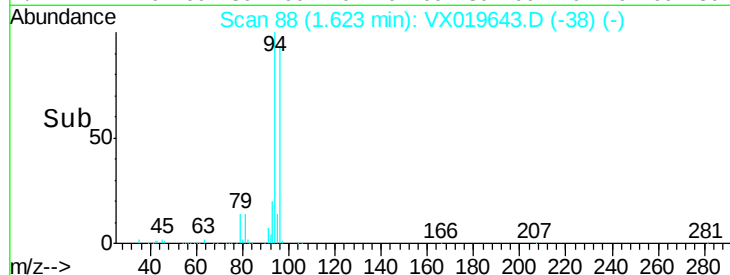
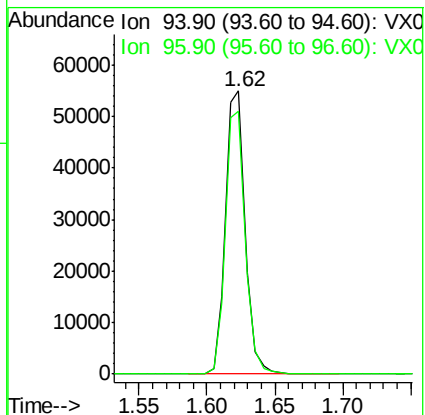
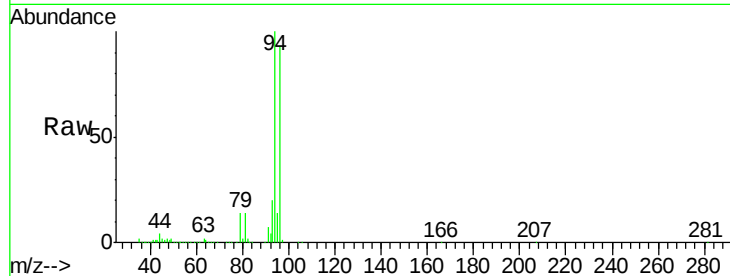
96 92.8 75.6 113.4

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#6

Chloroethane

Concen: 112.880 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019643.D

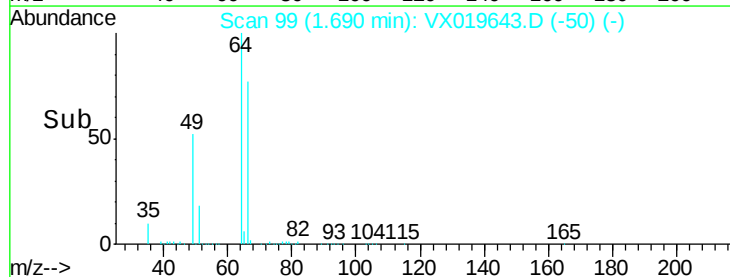
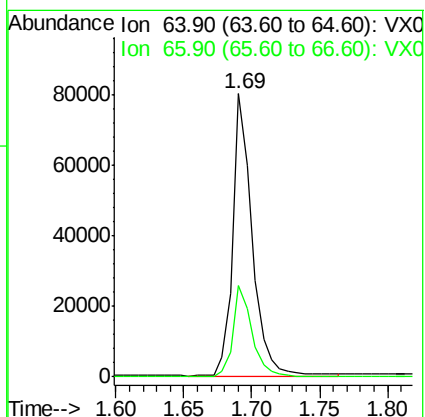
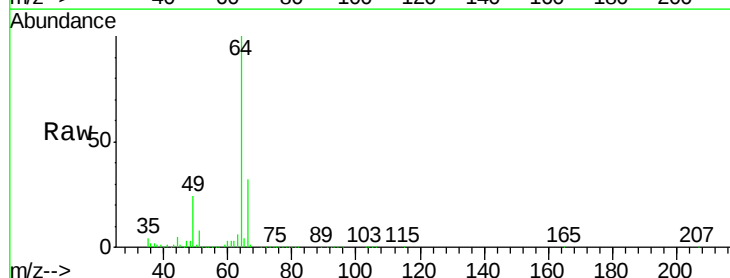
Acq: 25 Nov 2020 06:37

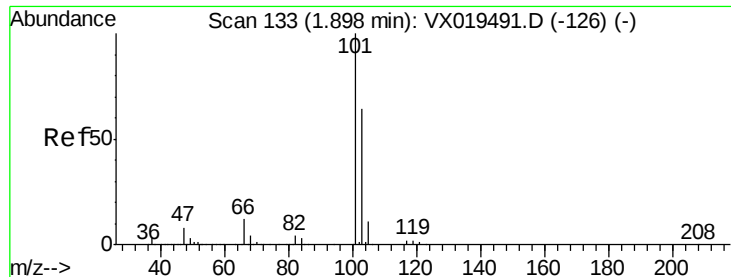
Tgt Ion: 64 Resp: 80311

Ion Ratio Lower Upper

64 100

66 32.5 27.1 40.7





#7

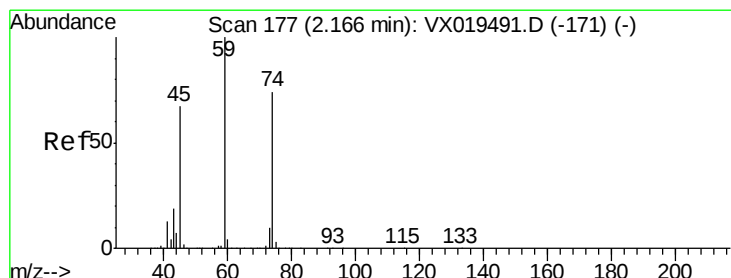
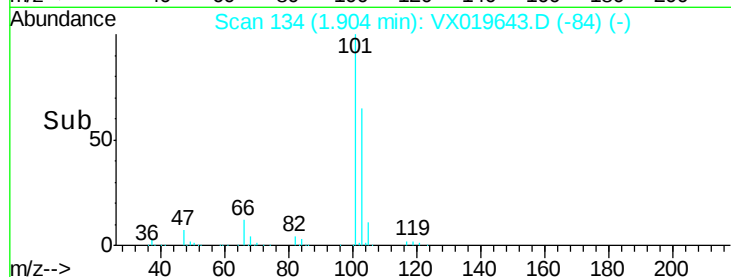
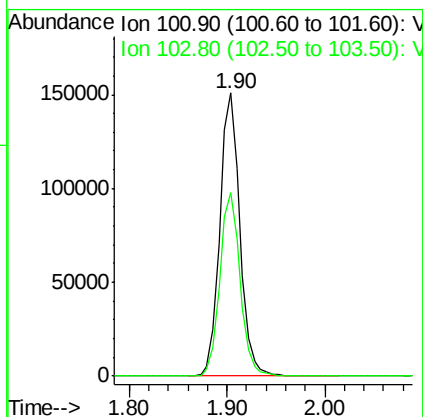
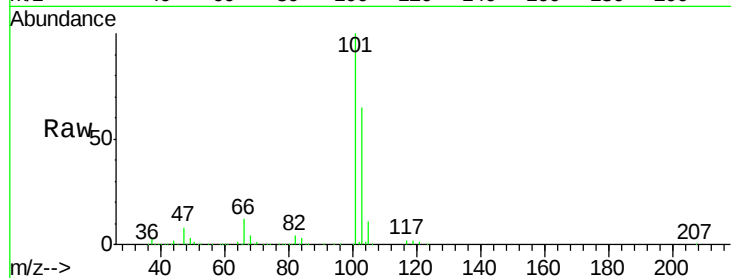
Trichlorofluoromethane
Concen: 48.321 ug/l
RT: 1.90 min Scan# 134
Delta R.T. 0.01 min
Lab File: VX019643.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		213765		
103	64.9	50.9	76.3		

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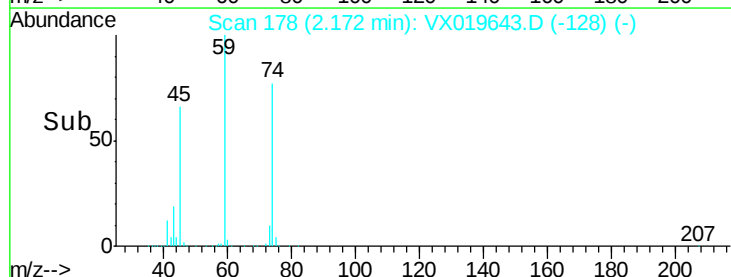
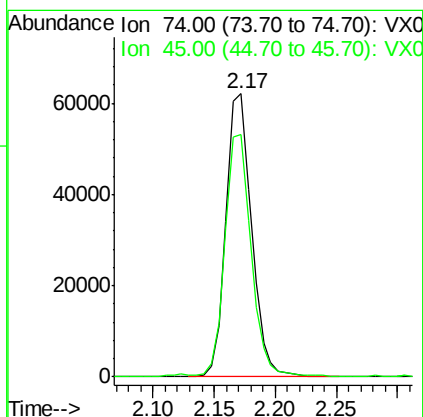
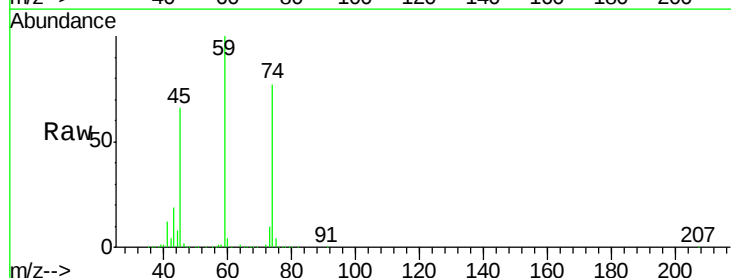
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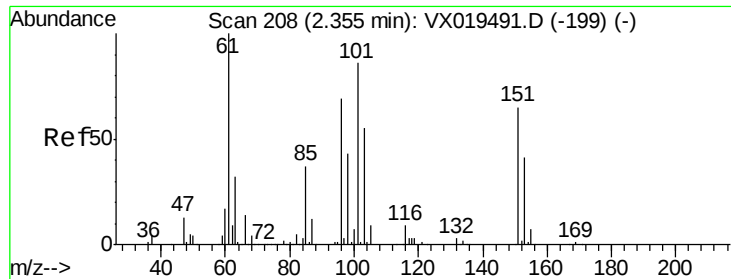


#8

Diethyl Ether
Concen: 50.907 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019643.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		90192		
45	86.3	44.4	133.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.134 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

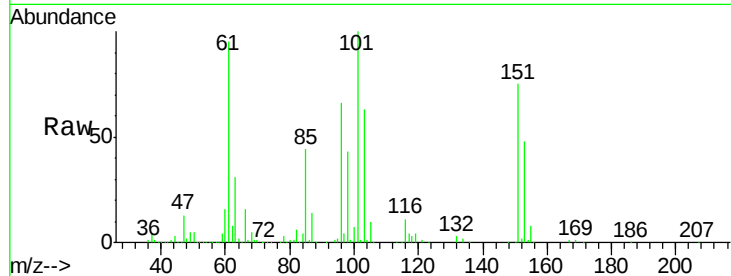
ClientSampleId :

GR-OF-20201119MS

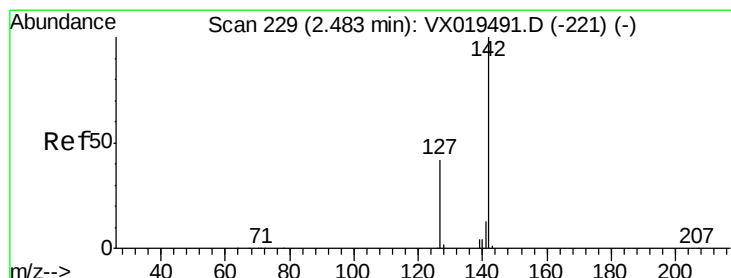
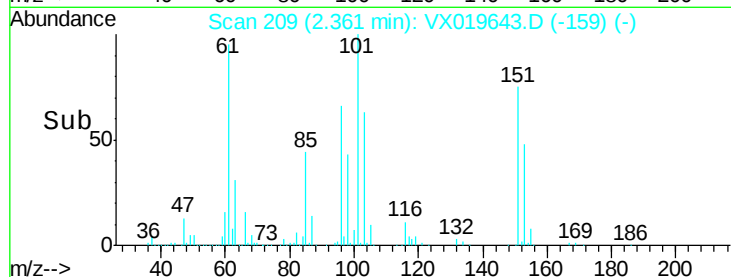
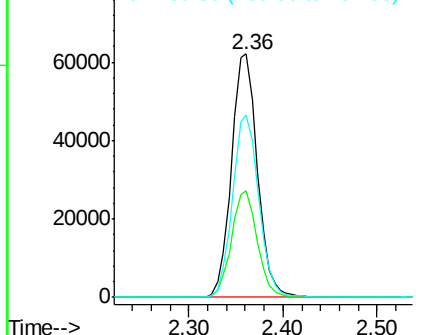
Tot Ion:	101	Resp:	118796
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.9	50.9
151	76.1	60.9	91.3

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.050 ug/l

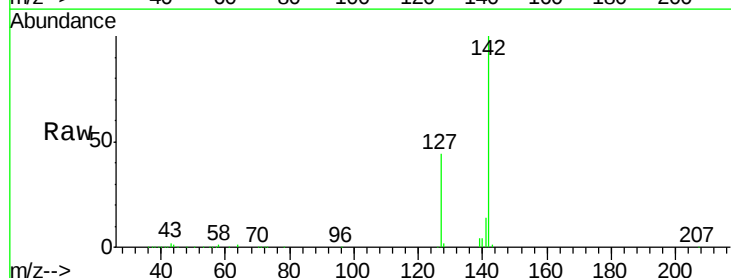
RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

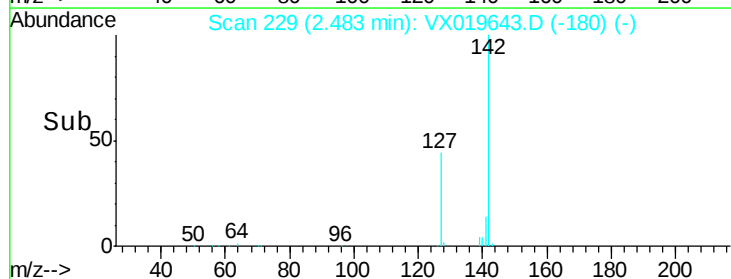
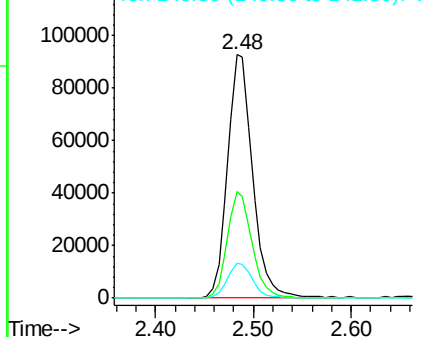
Lab File: VX019643.D

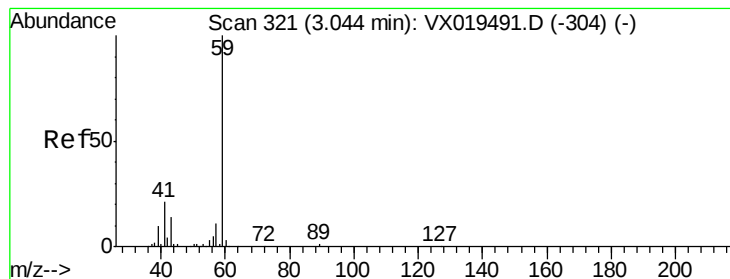
Acq: 25 Nov 2020 06:37

Tgt Ion:	142	Resp:	165519
Ion Ratio	Lower	Upper	
142	100		
127	43.3	33.8	50.6
141	14.5	11.0	16.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

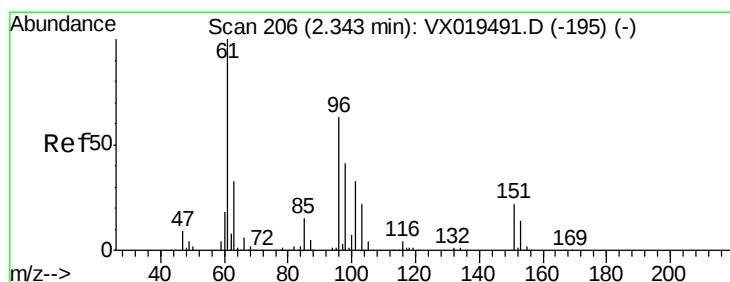
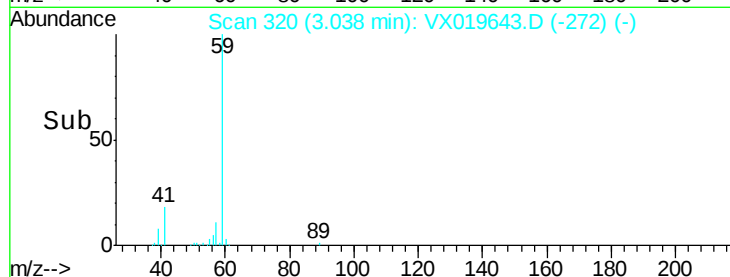
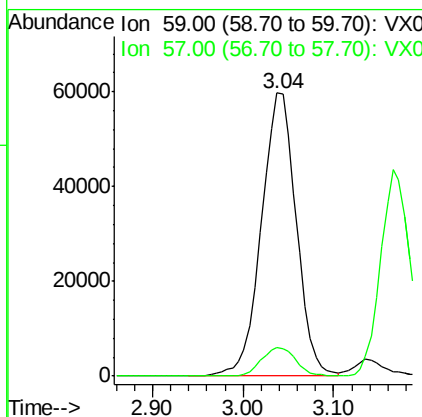
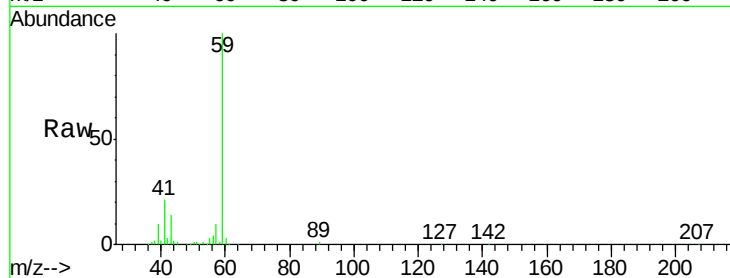
Tert butyl alcohol
Concen: 253.879 ug/l
RT: 3.04 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	59	Resp	158953
Ion Ratio	100	Lower	Upper
59	100		
57	10.1	7.9	11.9

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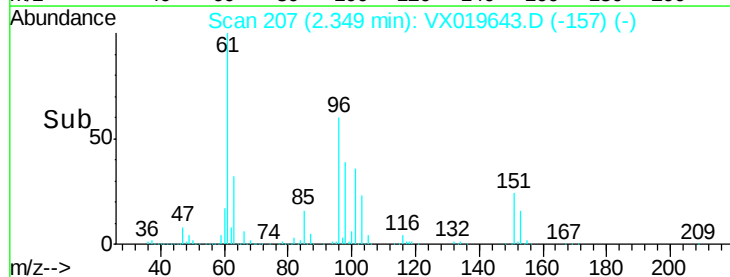
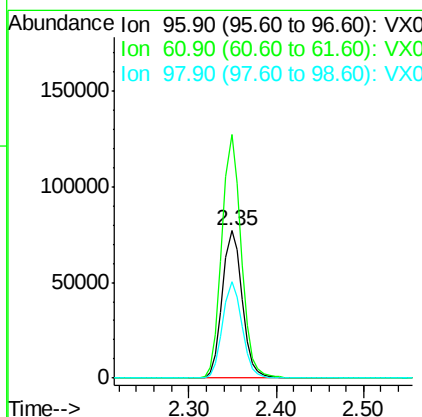
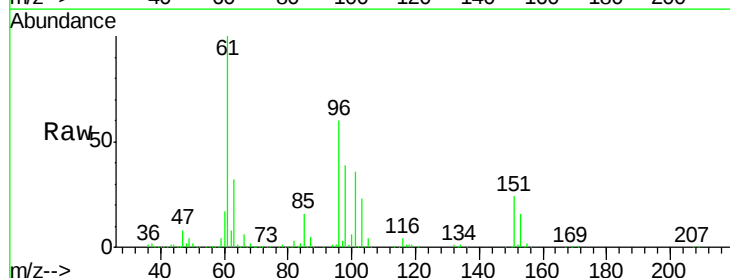
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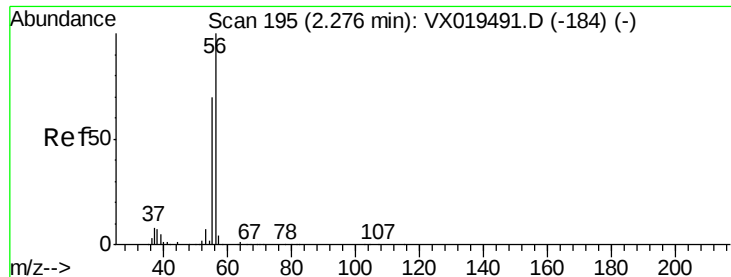


#12

1,1-Dichloroethene
Concen: 48.162 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	96	Resp	122002
Ion Ratio	100	Lower	Upper
96	100		
61	165.4	126.0	189.0
98	65.2	52.0	78.0





#13

Acrolein

Concen: 200.972 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion: 56 Resp: 84581

Ion Ratio Lower Upper

56 100

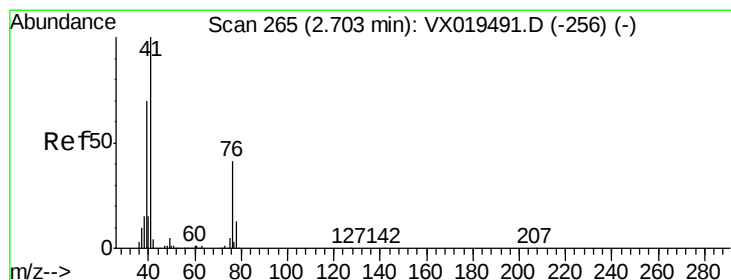
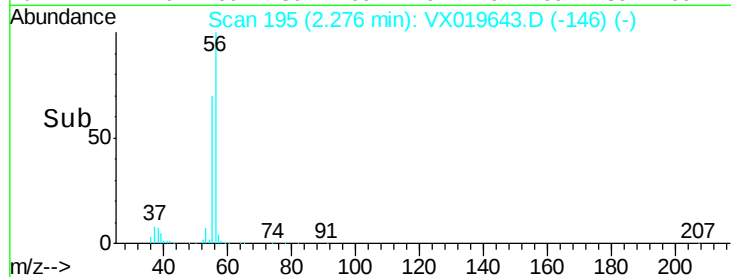
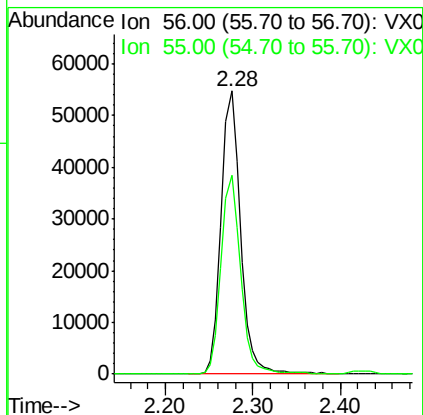
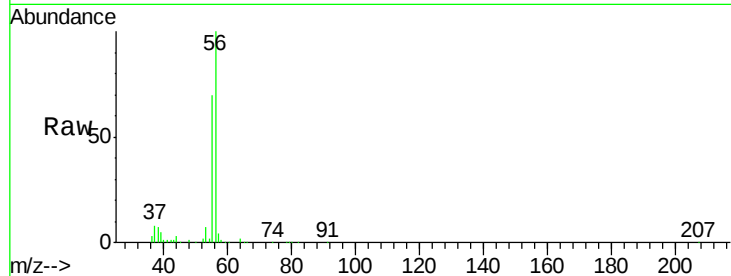
55 70.3 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 48.325 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

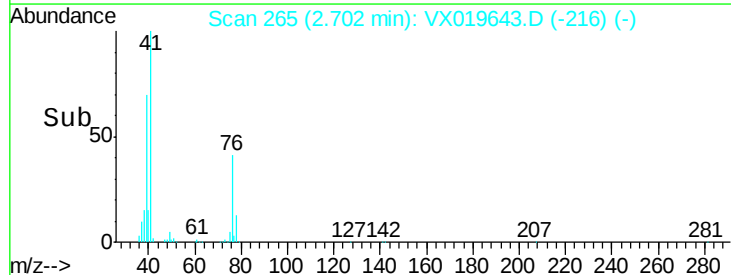
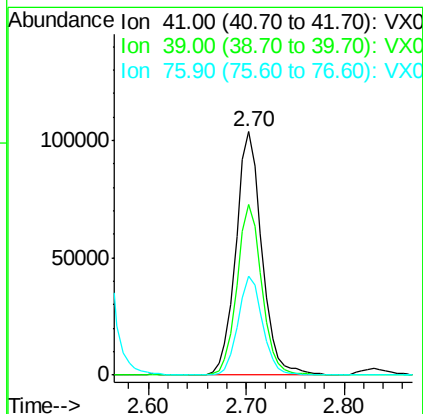
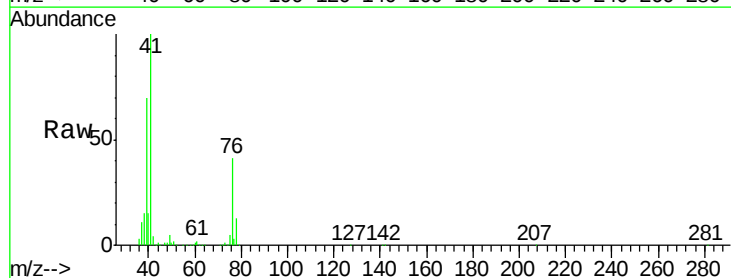
Tgt Ion: 41 Resp: 191770

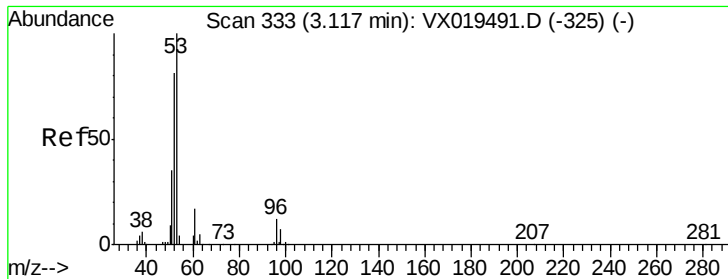
Ion Ratio Lower Upper

41 100

39 66.6 53.0 79.4

76 38.2 31.0 46.6





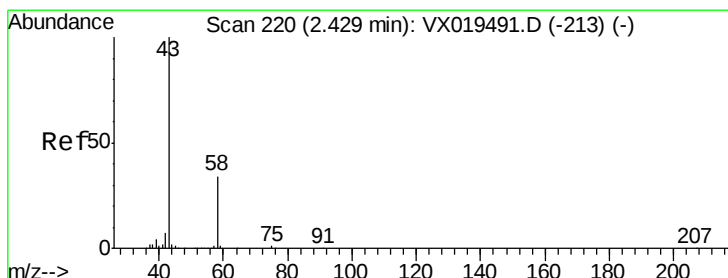
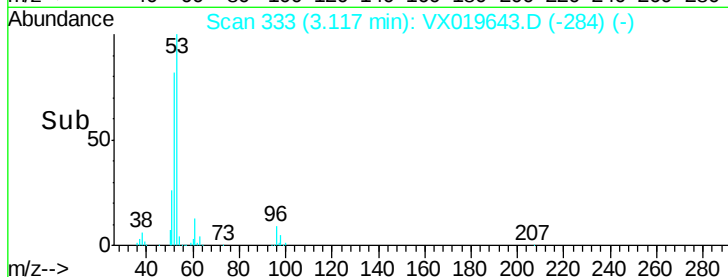
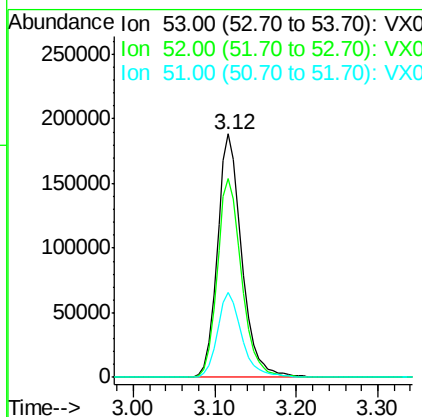
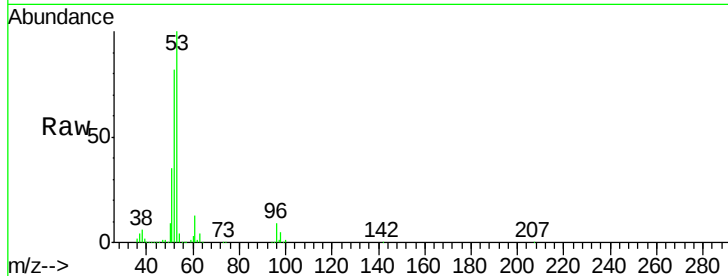
#15
 Acrylonitrile
 Concen: 264.187 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Tot Ion:	53	Resp:	390087
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.2	99.2
51	35.3	28.5	42.7

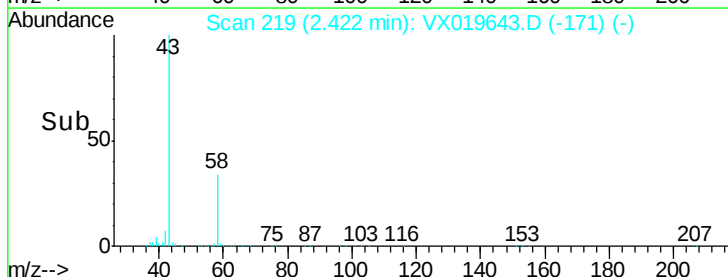
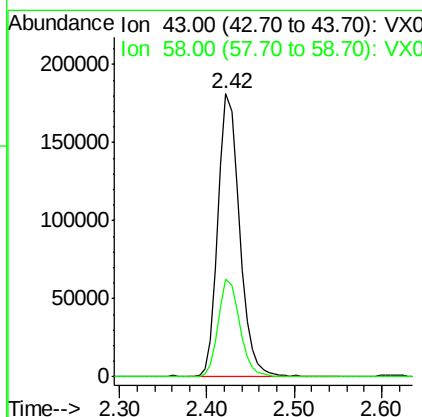
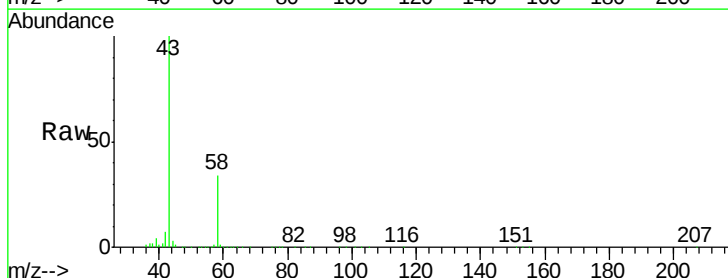
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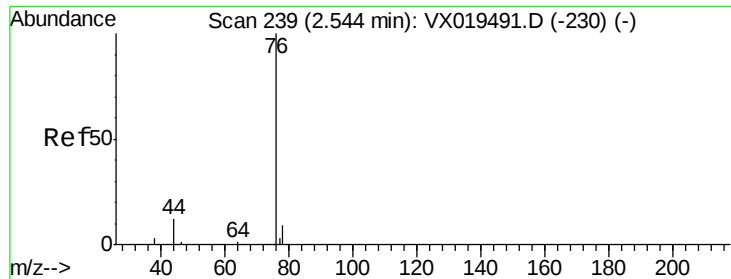
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 11/25/2020 9:55:00 AM



#16
 Acetone
 Concen: 241.966 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion:	43	Resp:	309566
Ion Ratio	Lower	Upper	
43	100		
58	34.4	27.4	41.2





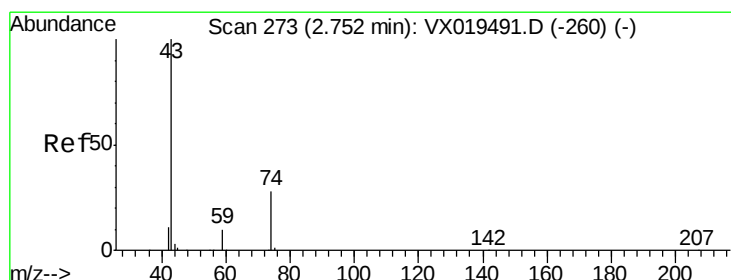
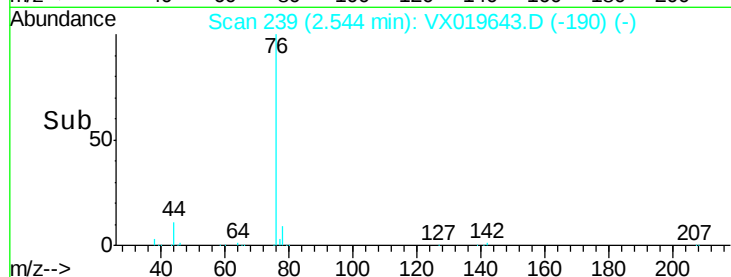
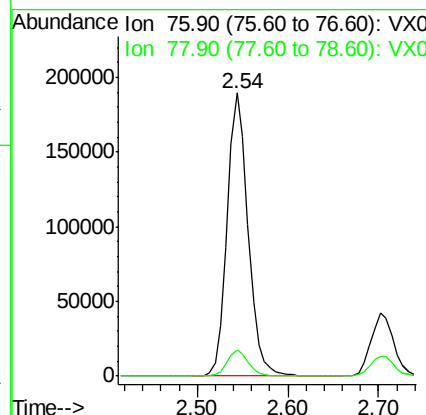
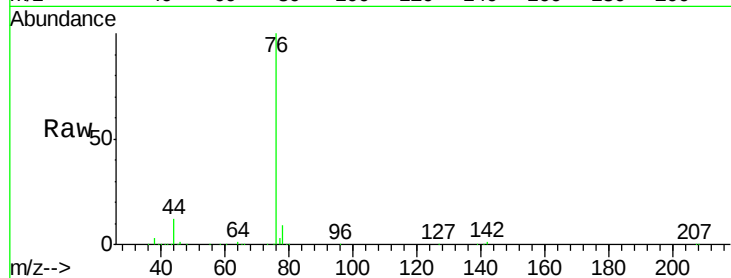
#17
Carbon Disulfide
Concen: 44.749 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

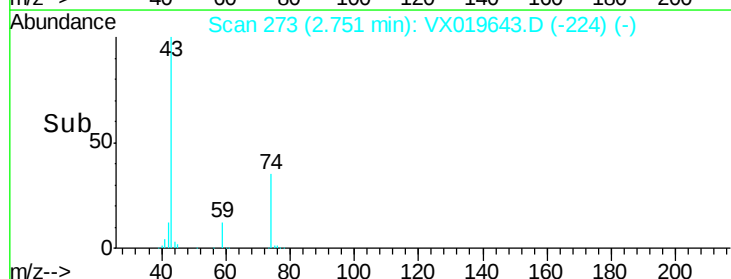
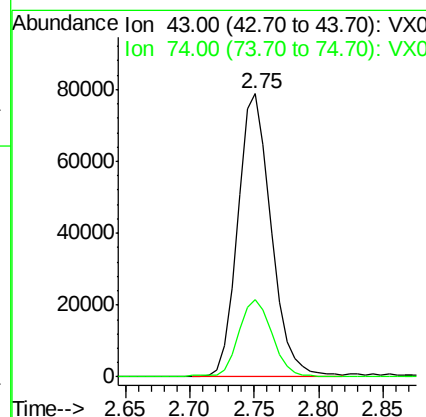
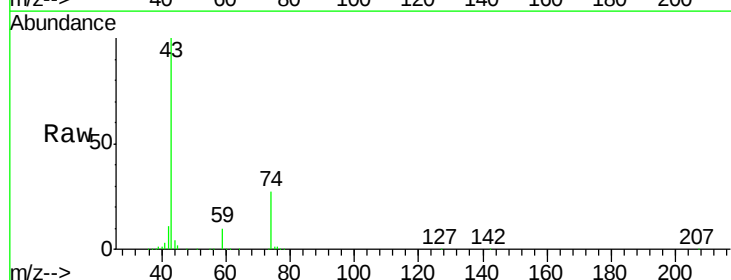
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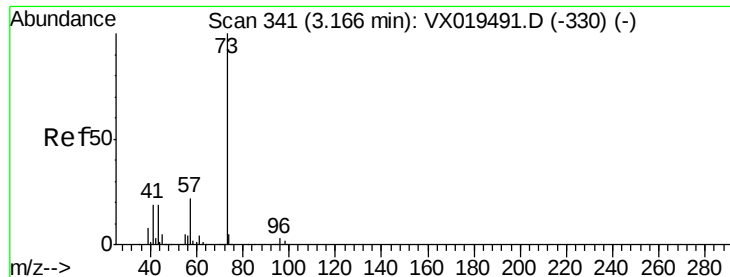
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#18
Methyl Acetate
Concen: 45.057 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	22.2	33.4





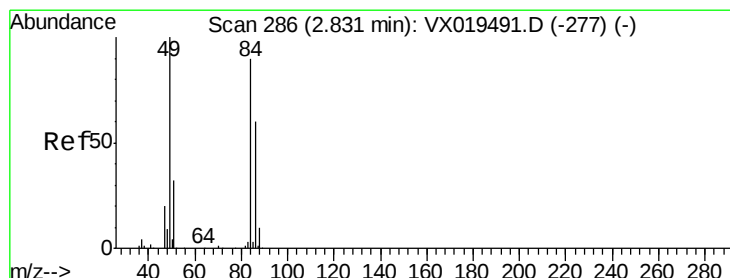
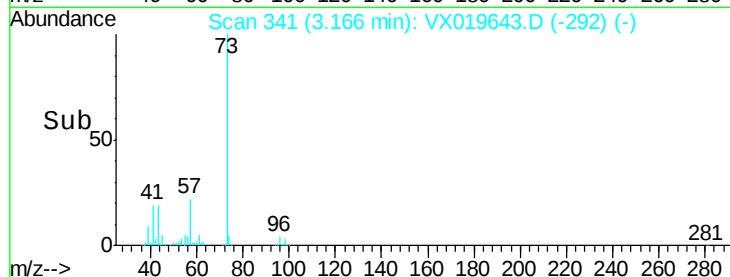
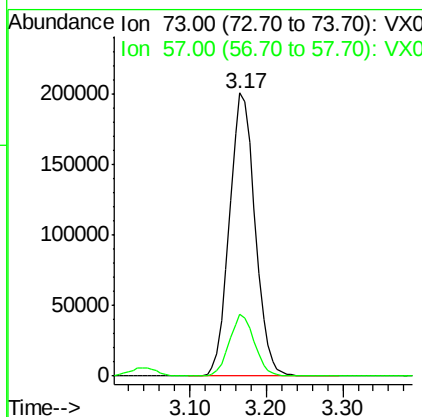
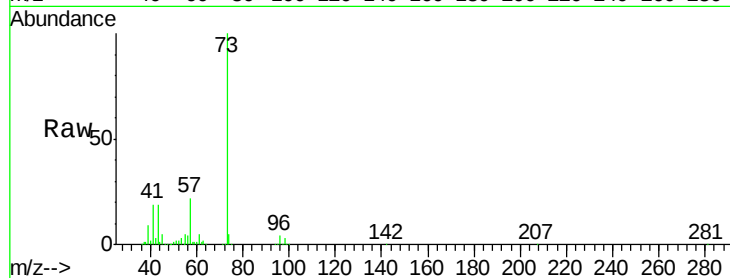
#19
Methyl tert-butyl Ether
Concen: 53.335 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.3	25.9

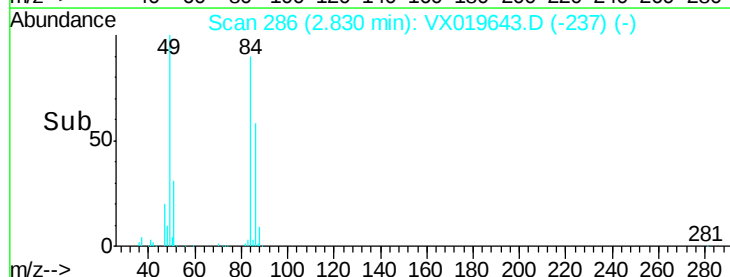
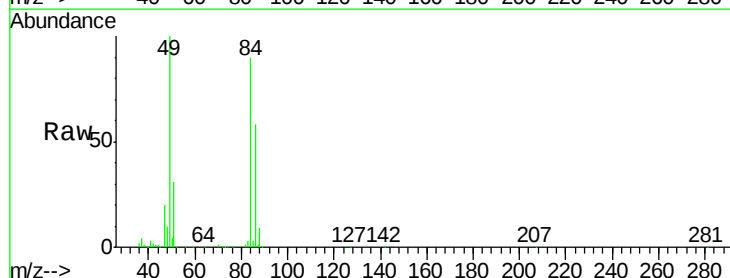
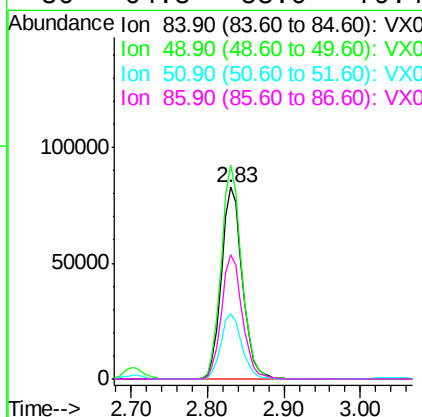
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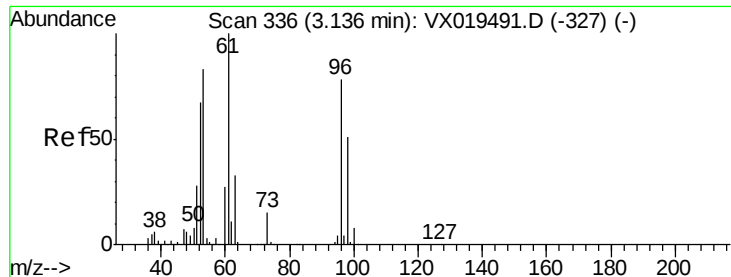
MMDadoda
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#20
Methylene Chloride
Concen: 48.912 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.5	88.5	132.7
51	34.1	28.0	42.0
86	64.8	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 49.639 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion: 96 Resp: 142467

Ion Ratio Lower Upper

96 100

61 133.3 102.9 154.3

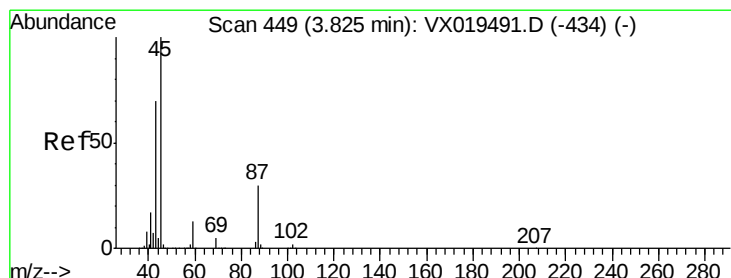
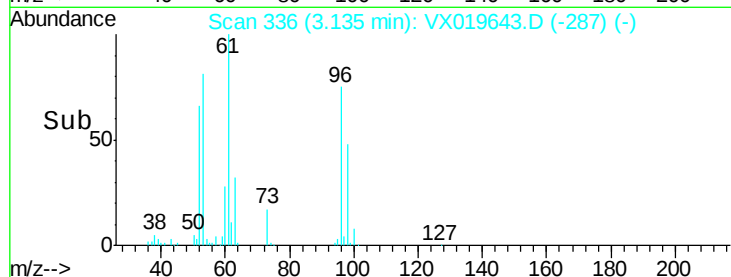
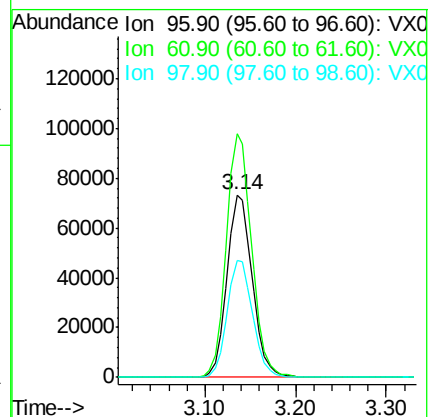
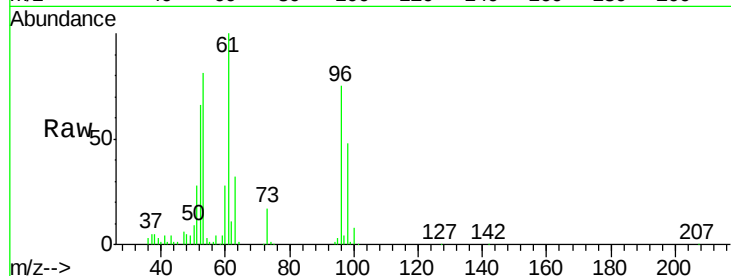
98 64.0 52.1 78.1

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#22

Diisopropyl ether

Concen: 52.753 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Tgt Ion: 45 Resp: 433066

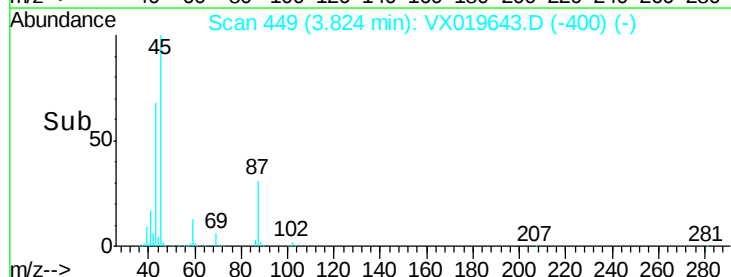
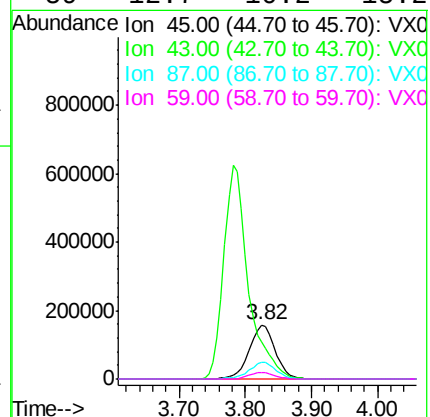
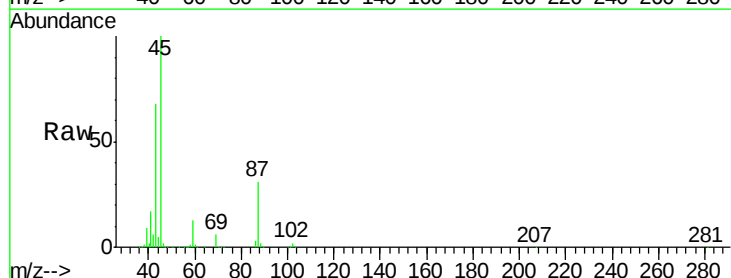
Ion Ratio Lower Upper

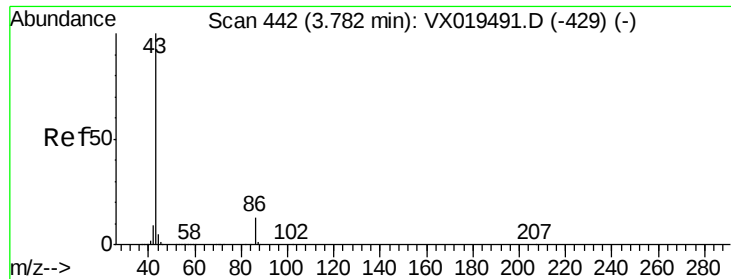
45 100

43 67.7 56.1 84.1

87 31.5 24.2 36.2

59 12.7 10.2 15.2





#23

Vinyl Acetate

Concen: 234.410 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion: 43 Resp: 1614126

Ion Ratio Lower Upper

43 100

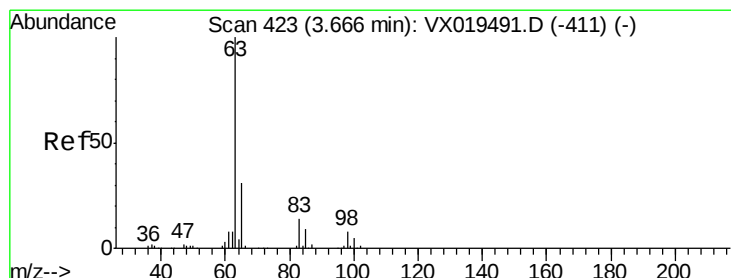
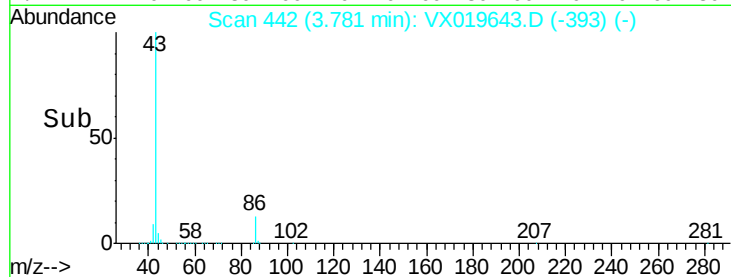
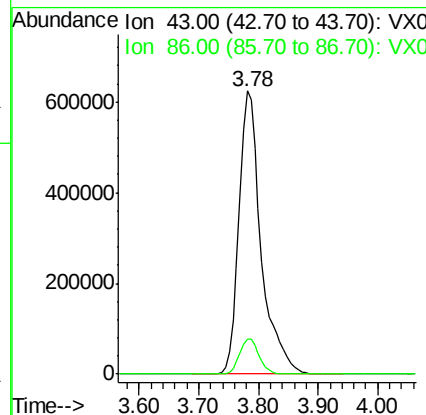
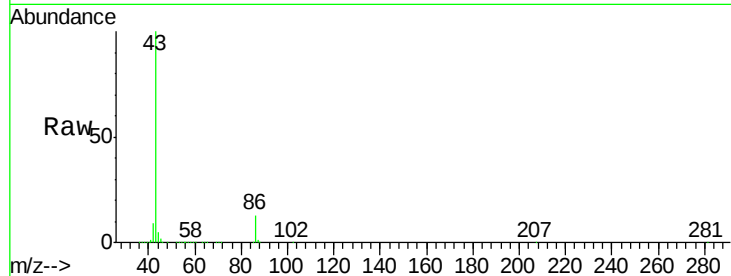
86 12.6 10.2 15.2

Manual Integrations

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11/25/2020 9:55:00 AM



#24

1,1-Dichloroethane

Concen: 51.209 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

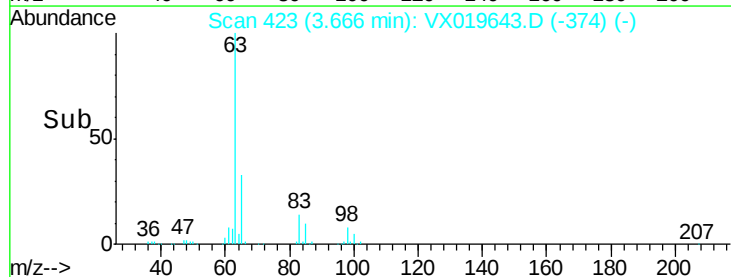
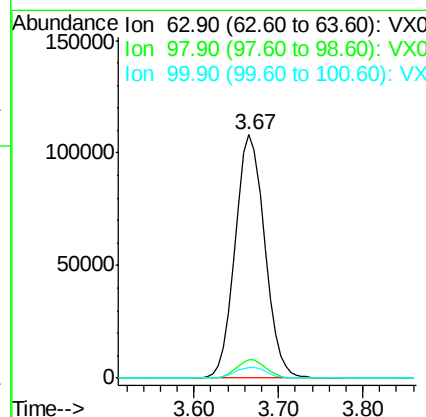
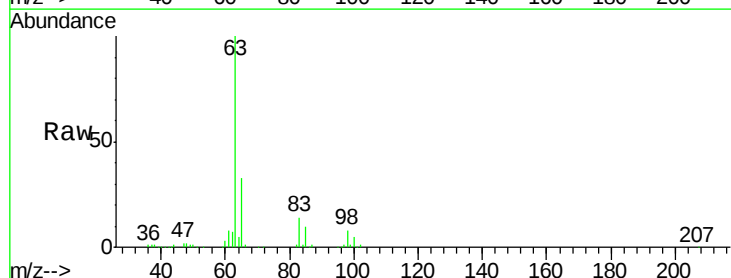
Tgt Ion: 63 Resp: 257136

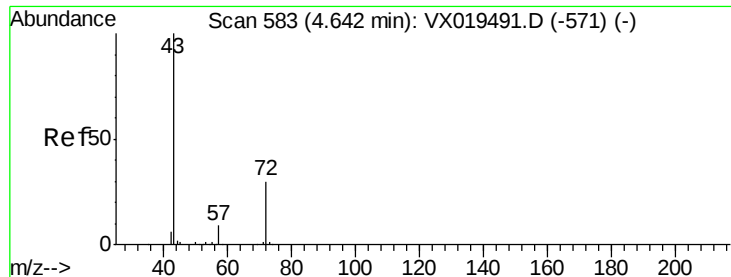
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 256.055 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion: 43 Resp: 492104

Ion Ratio Lower Upper

43 100

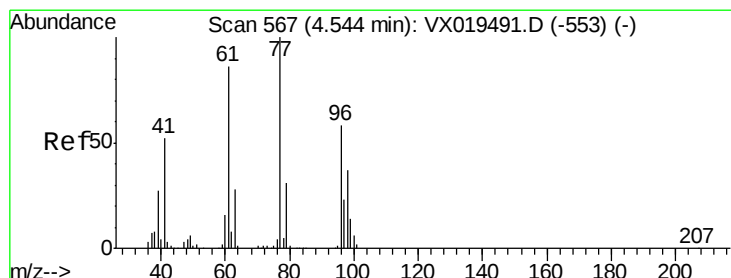
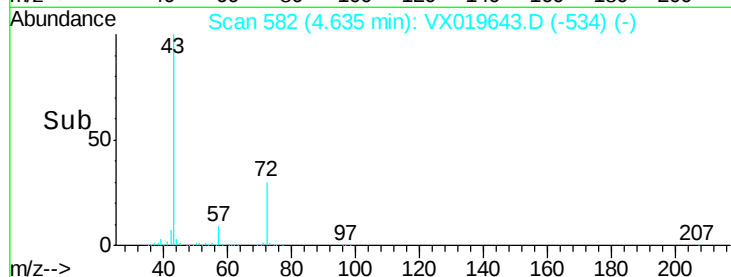
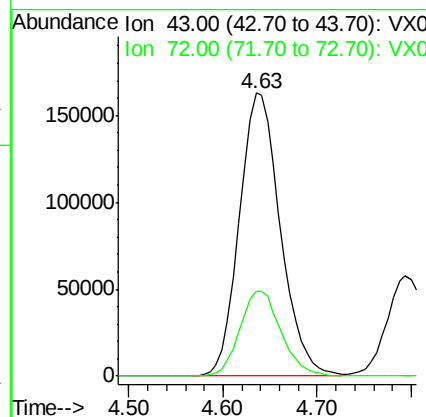
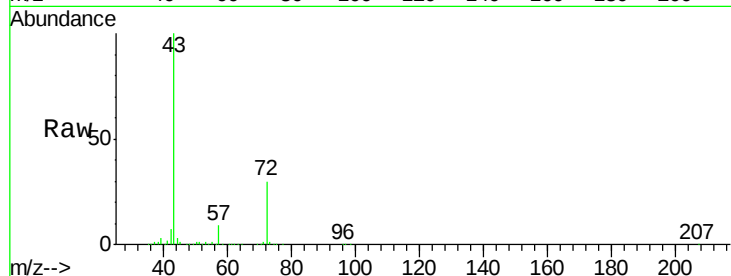
72 30.0 24.0 36.0

Manual Integrations

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11/25/2020 9:55:00 AM



#26

2,2-Dichloropropane

Concen: 37.019 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019643.D

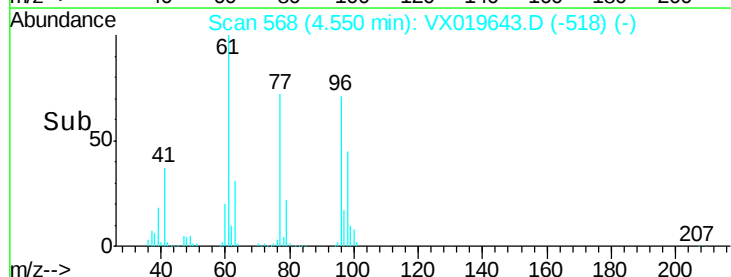
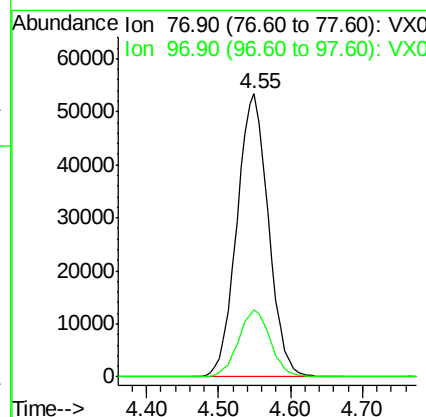
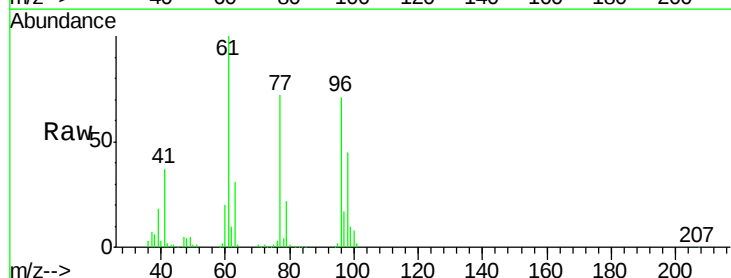
Acq: 25 Nov 2020 06:37

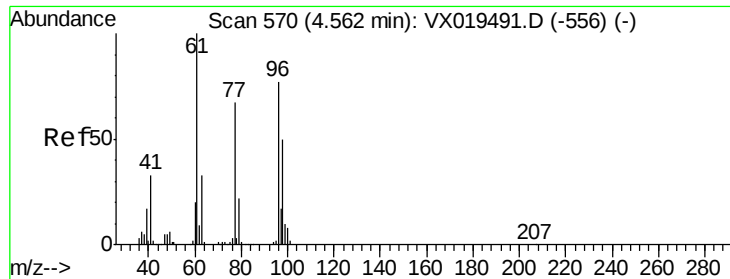
Tgt Ion: 77 Resp: 162247

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8





#27

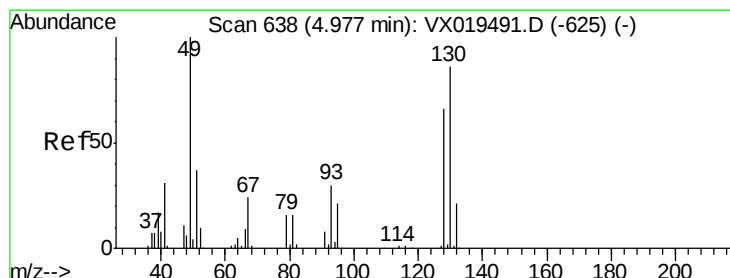
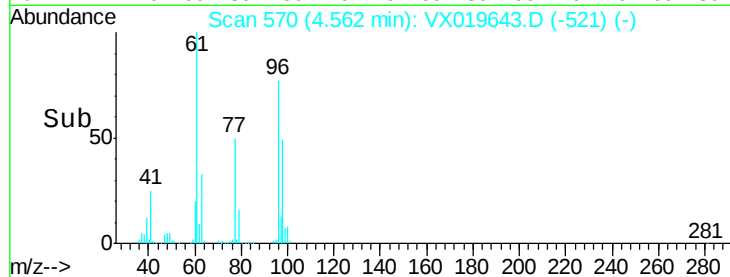
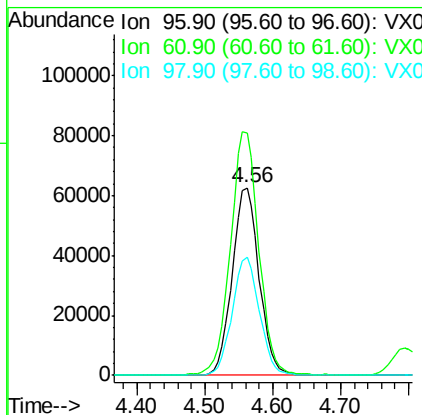
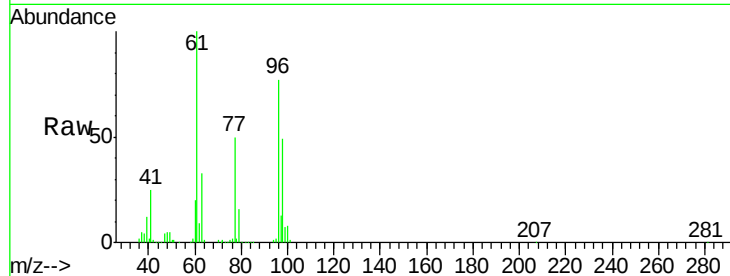
cis-1,2-Dichloroethene
Concen: 52.242 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	279.2
98	63.5	0.0	129.8

Manual Integrations
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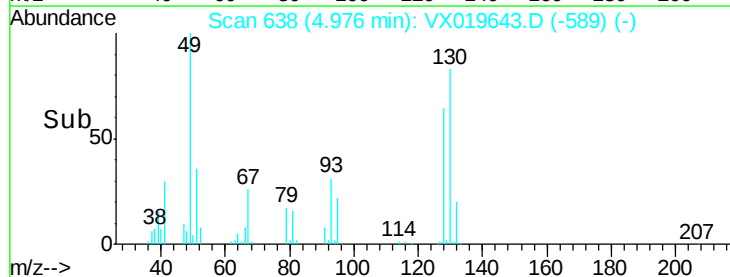
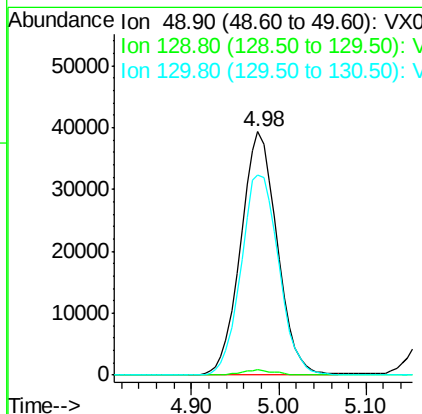
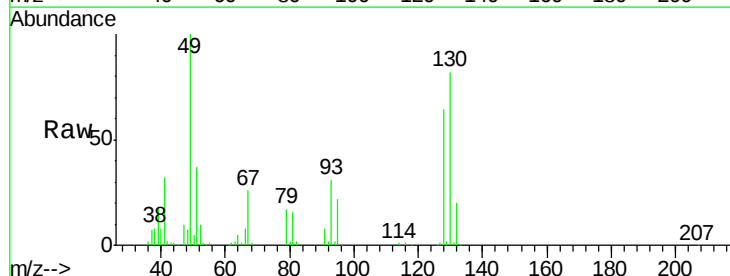
MMDadoda
11/25/2020 9:55:00 AM

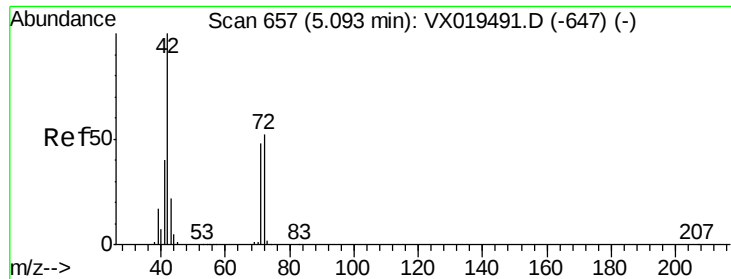


#28

Bromochloromethane
Concen: 47.565 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	85.5	69.0	103.6





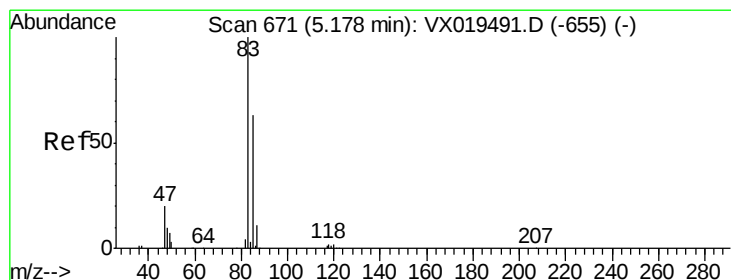
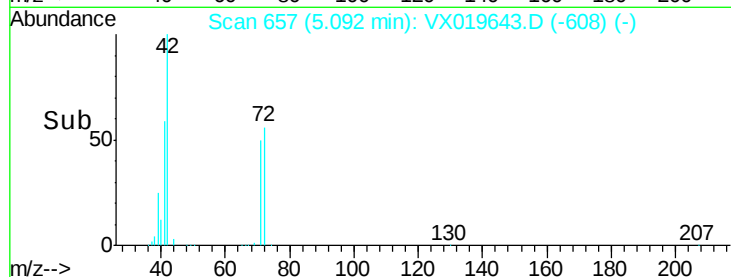
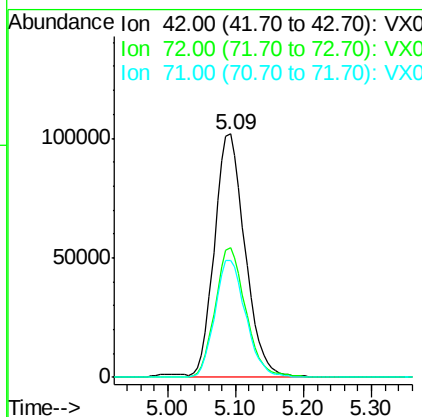
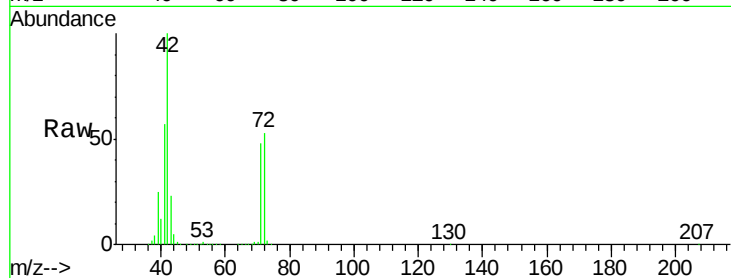
#29
Tetrahydrofuran
Concen: 258.401 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.3	42.6	63.8
71	48.6	39.0	58.6

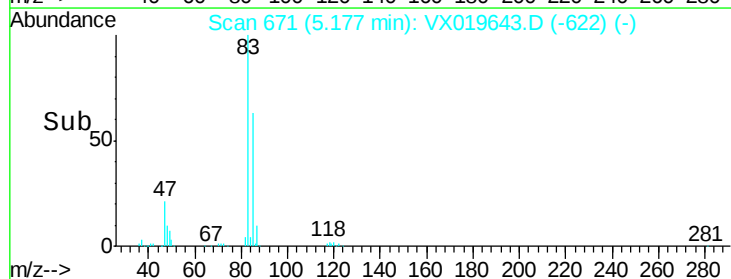
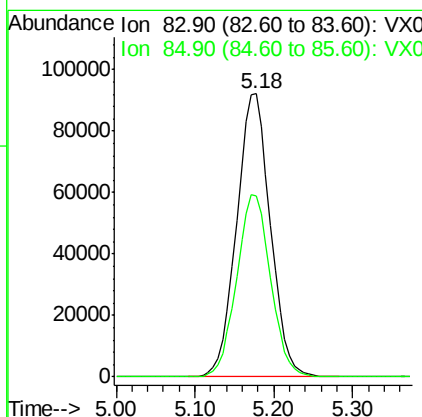
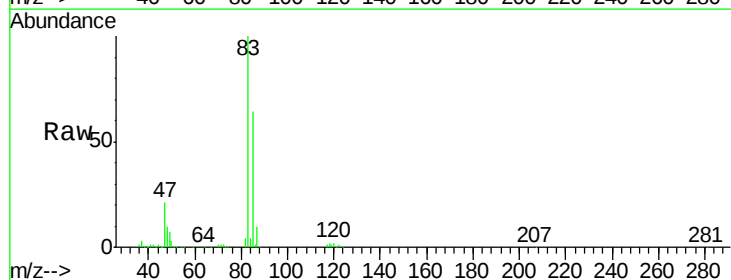
Manual Integrations
APPROVED

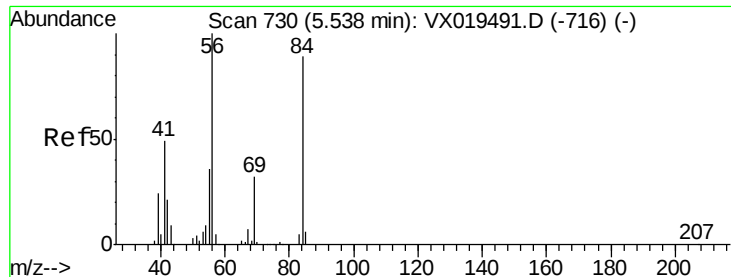
MMDadoda
11/25/2020 9:55:00 AM



#30
Chloroform
Concen: 52.169 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.5	75.7





#31

Cyclohexane

Concen: 49.599 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

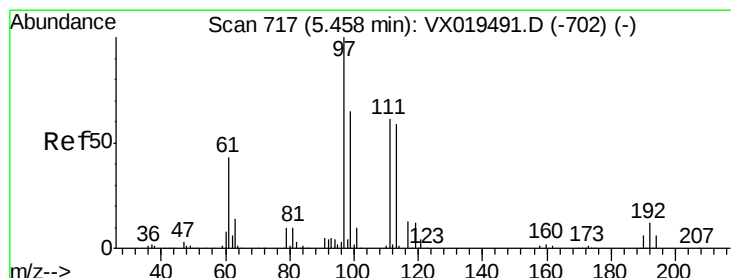
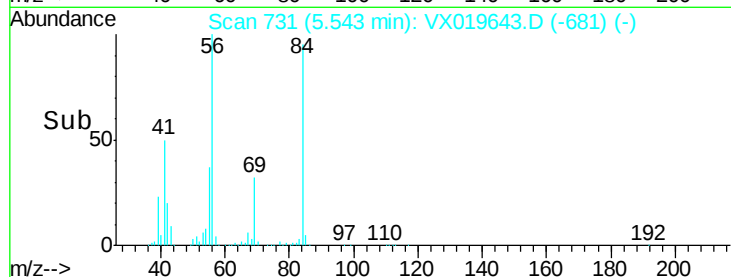
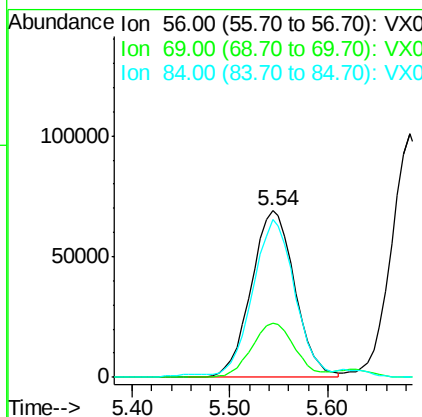
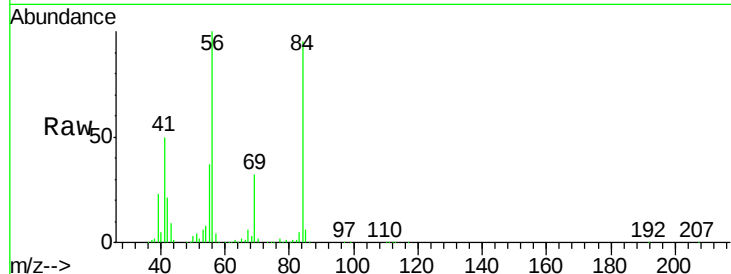
ClientSampleId :

GR-OF-20201119MS

Tot Ion:	56	Resp:	213416
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.5	38.3
84	93.6	71.1	106.7

Manual Integrations
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11/25/2020 9:55:00 AM



#32

1,1,1-Trichloroethane

Concen: 52.009 ug/l

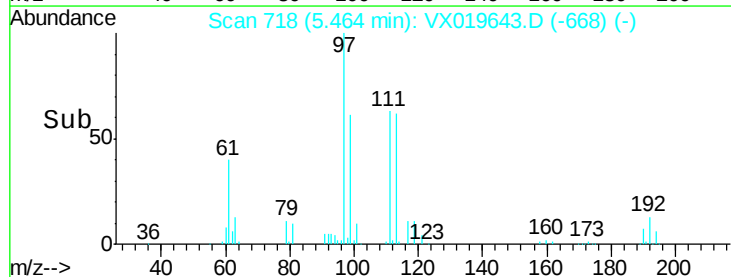
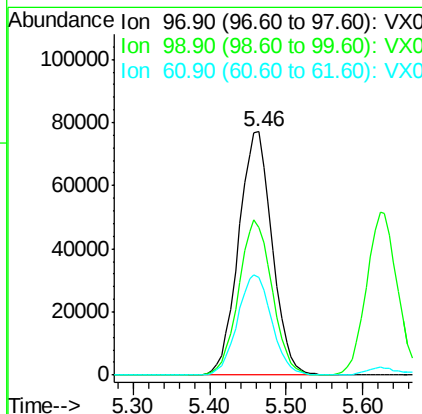
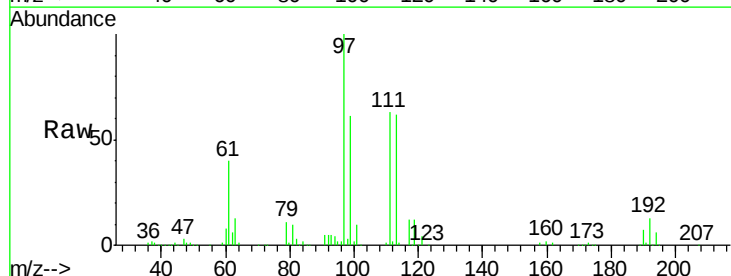
RT: 5.46 min Scan# 718

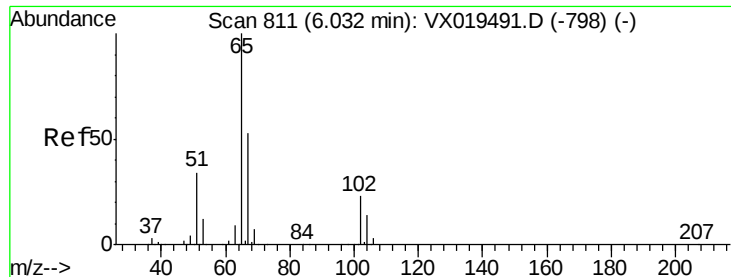
Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Tgt Ion:	97	Resp:	234571
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	42.1	34.2	51.2





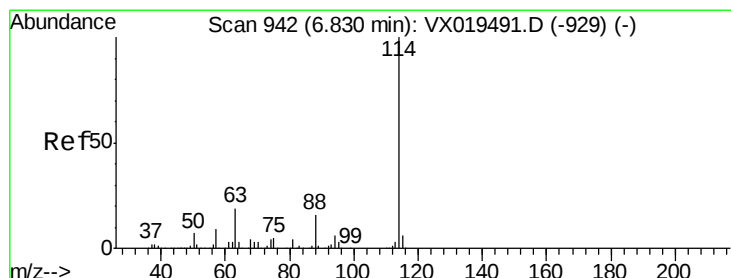
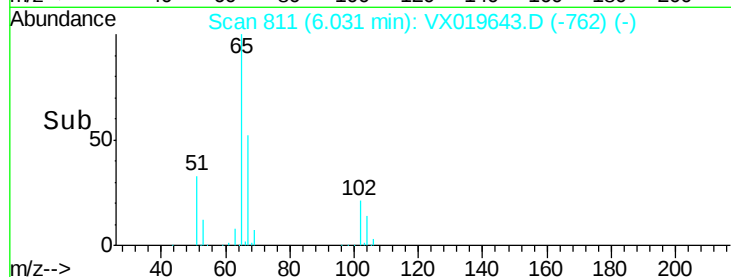
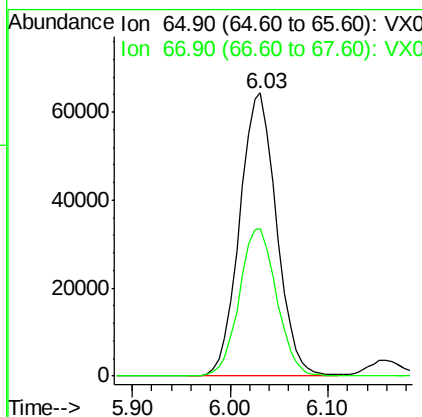
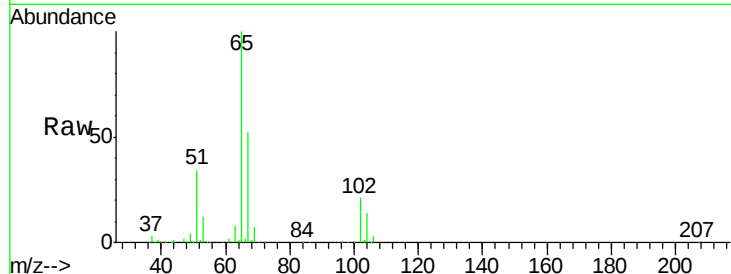
#33
 1,2-Dichloroethane-d4
 Concen: 50.968 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168617		
67	52.8	0.0	0.0	105.0

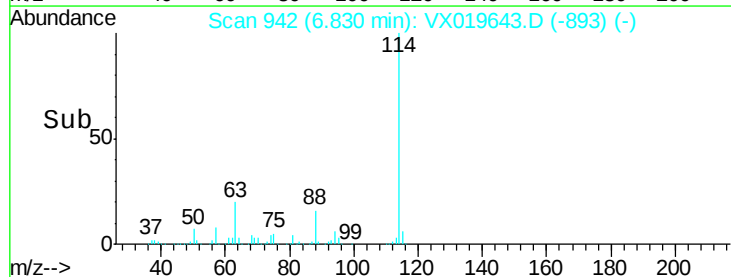
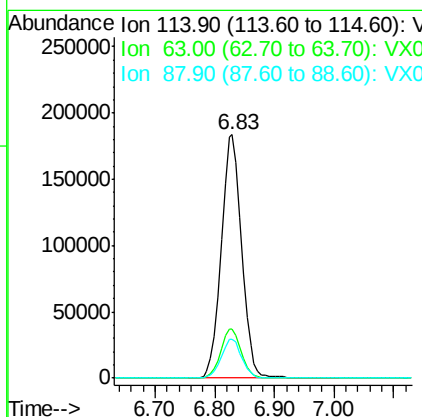
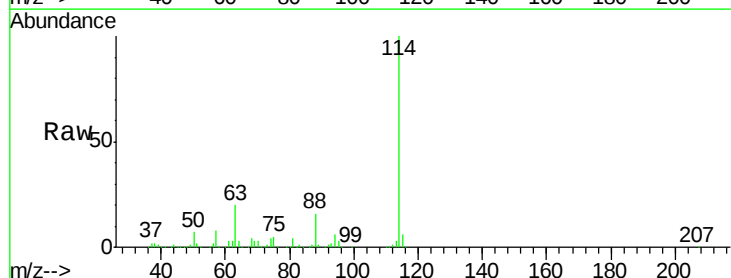
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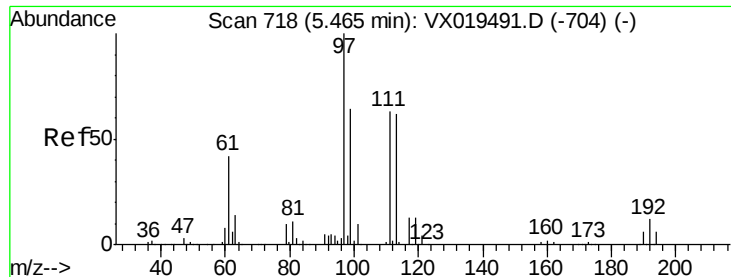
MMDadoda
 11/25/2020 9:55:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	437059		
63	20.0	0.0	0.0	38.8
88	16.0	0.0	0.0	31.6





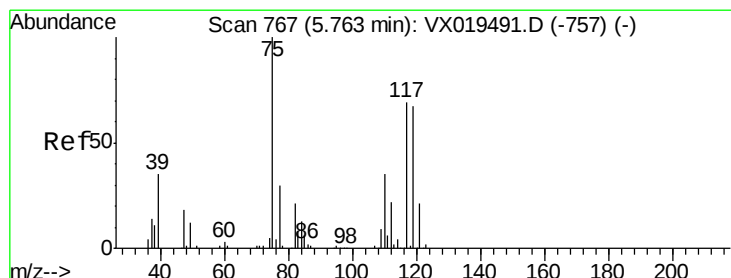
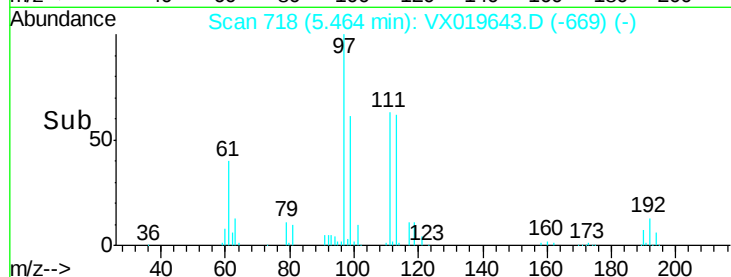
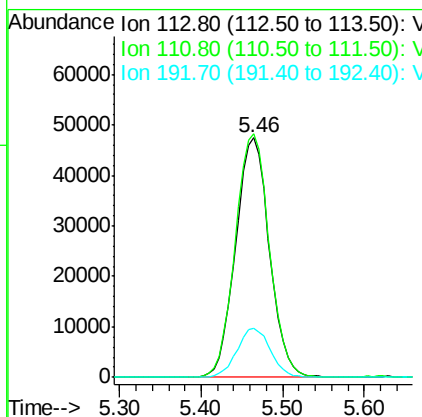
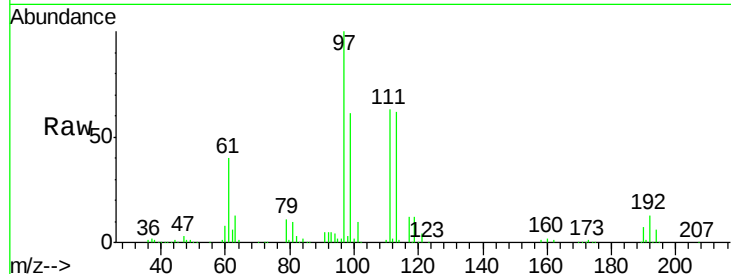
#35
 Dibromofluoromethane
 Concen: 49.647 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136203		
111	102.5	81.5	122.3	
192	20.3	16.2	24.2	

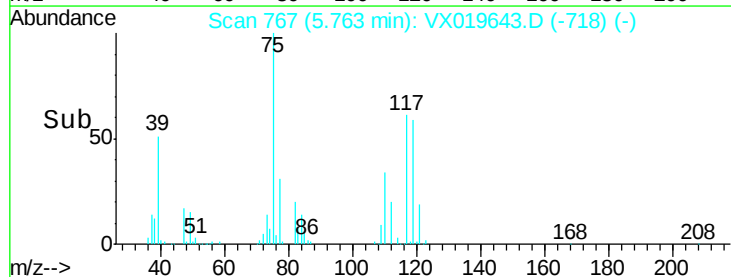
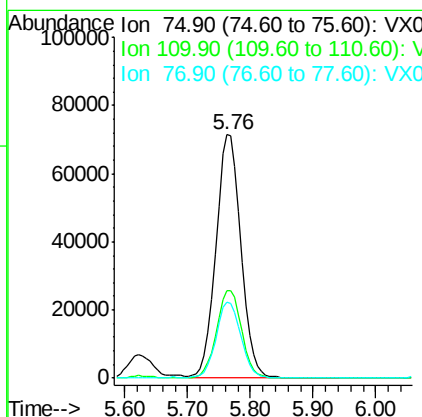
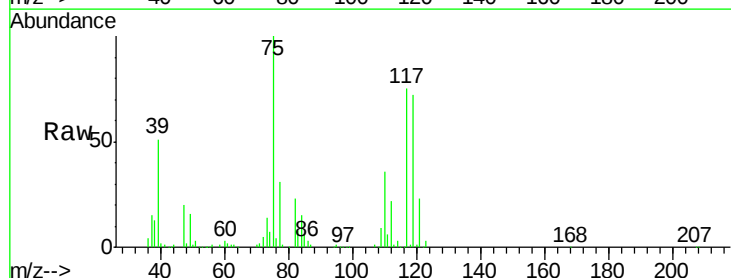
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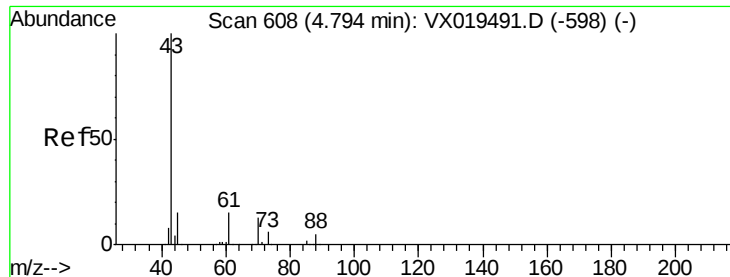
MMDadoda
 11/25/2020 9:55:00 AM



#36
 1,1-Dichloropropene
 Concen: 48.047 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	196870		
110	36.2	18.1	54.3	
77	31.0	24.2	36.4	





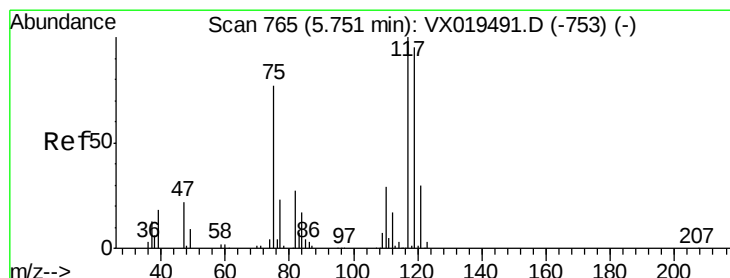
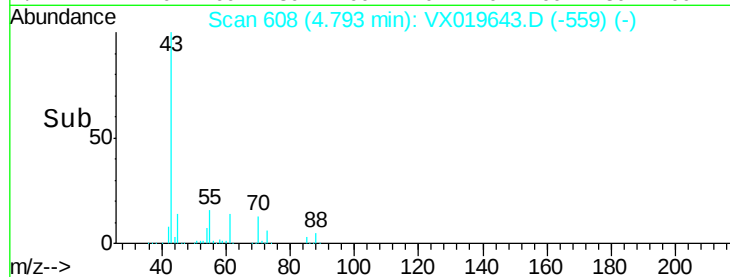
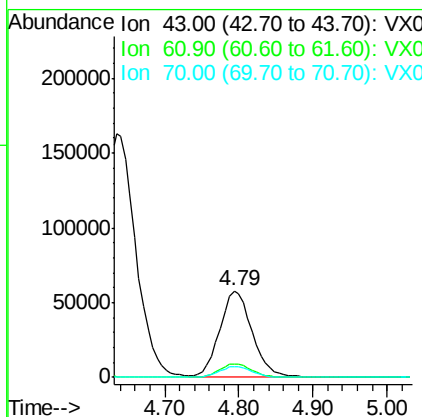
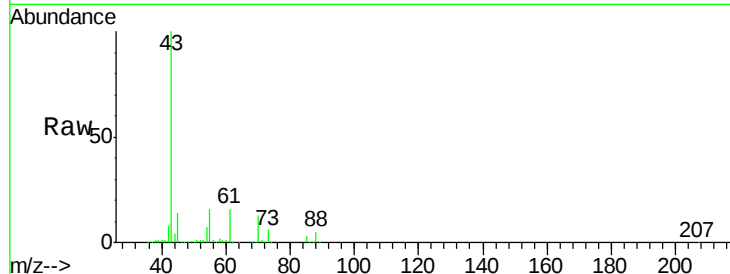
#37
Ethyl Acetate
Concen: 45.179 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.7	19.1
70	13.0	10.2	15.2

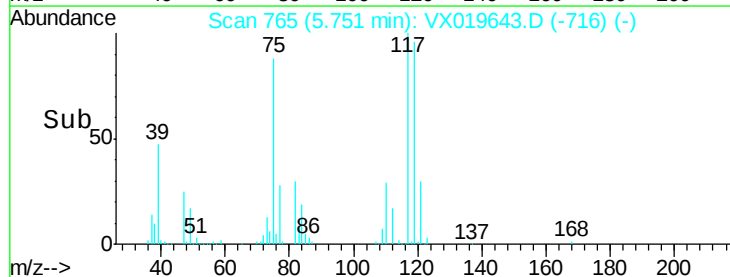
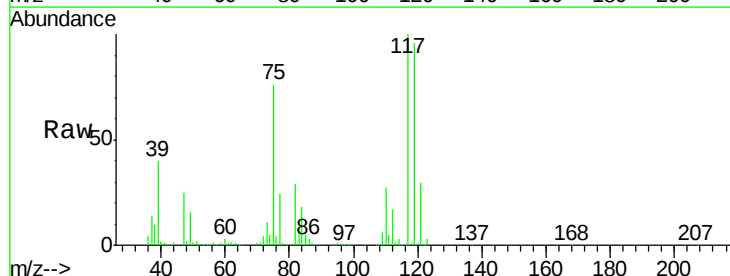
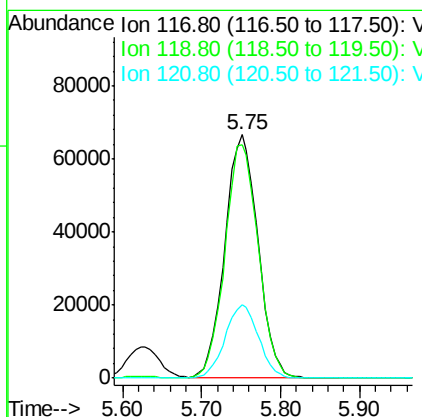
Manual Integrations
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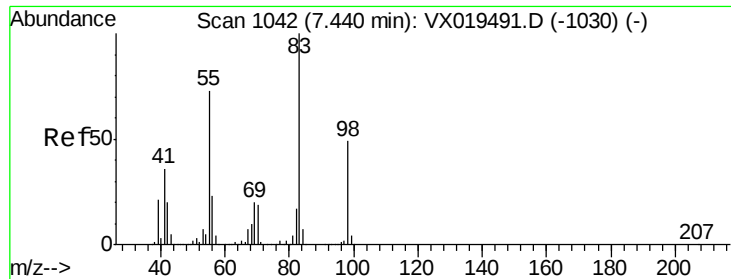
MMDadoda
11/25/2020 9:55:00 AM



#38
Carbon Tetrachloride
Concen: 49.139 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.9	113.9
121	30.1	24.0	36.0





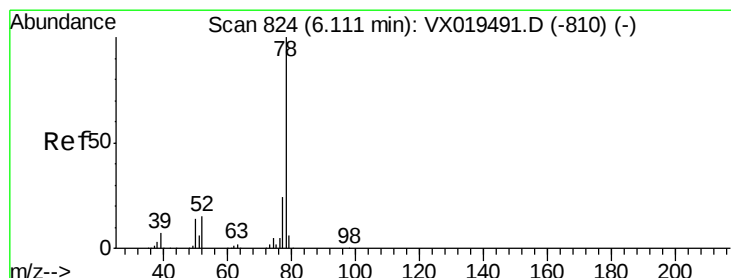
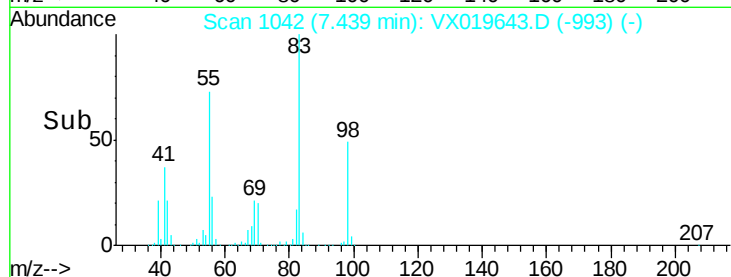
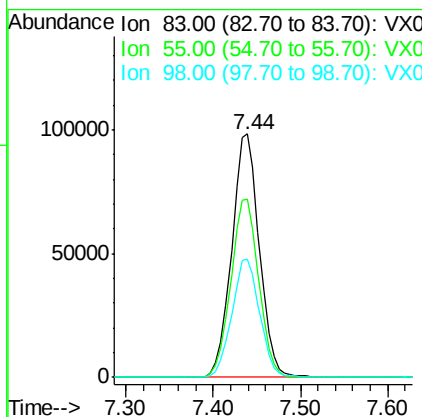
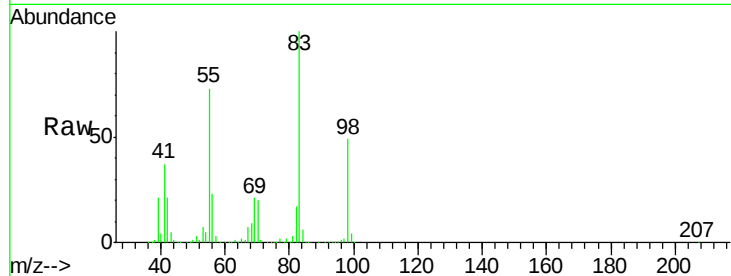
#39
Methvlcvclohexane
Concen: 45.145 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	215382		
55	73.3		58.3	87.5
98	48.7		38.9	58.3

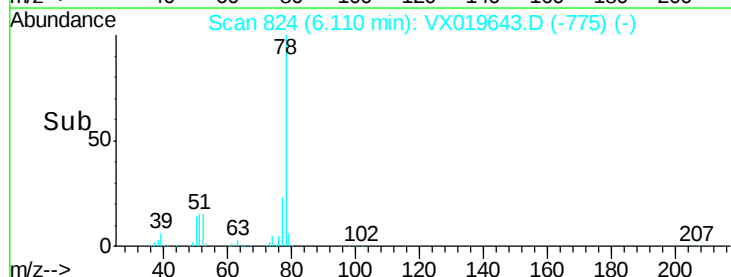
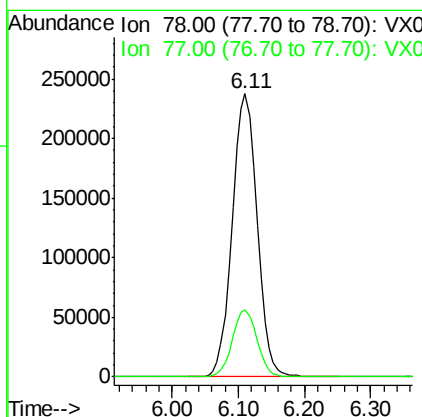
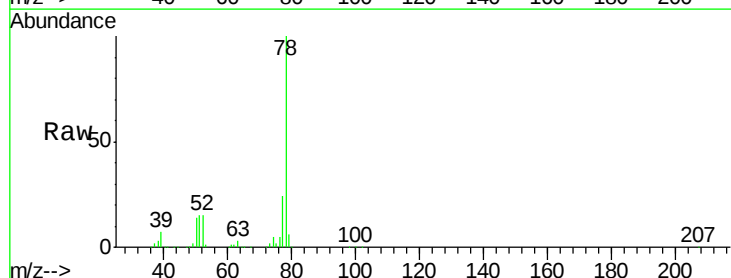
Manual Integrations
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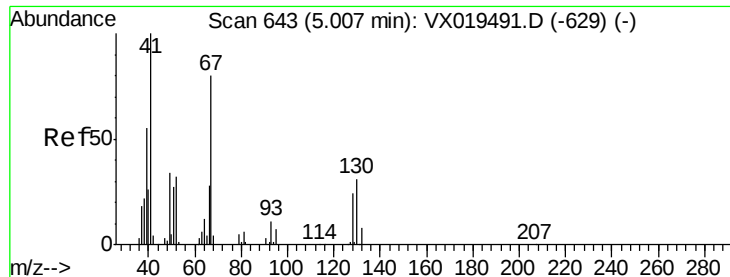
MMDadoda
11/25/2020 9:55:00 AM



#40
Benzene
Concen: 49.285 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	620469		
77	23.6		18.9	28.3





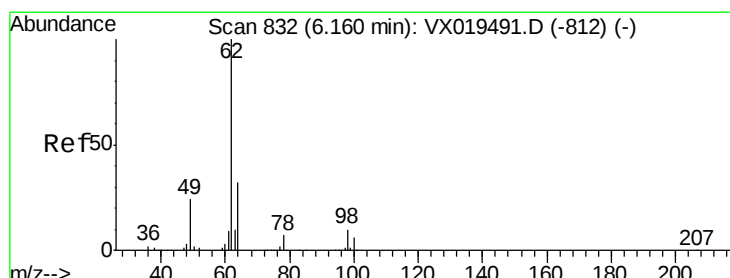
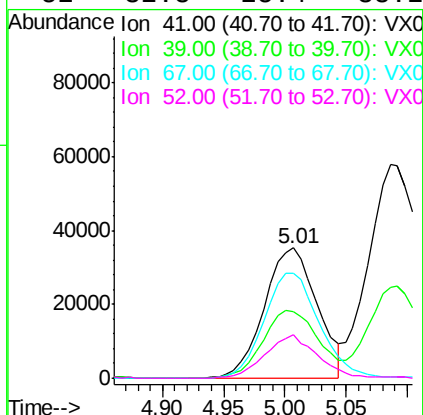
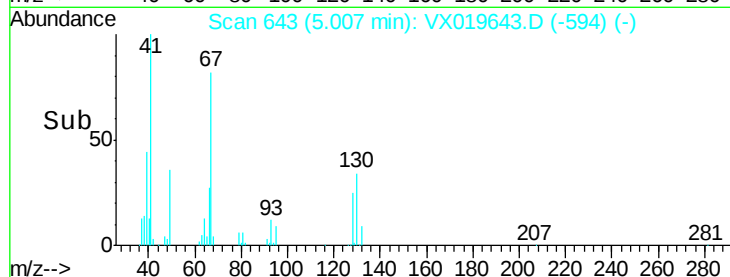
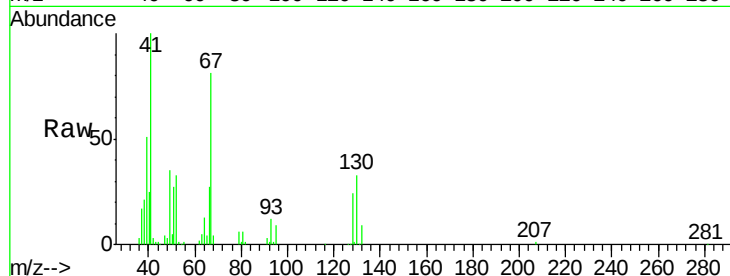
#41
Methacrylonitrile
Concen: 50.068 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	43.3	64.9	
67	85.2	66.0	99.0	
52	32.8	25.4	38.2	

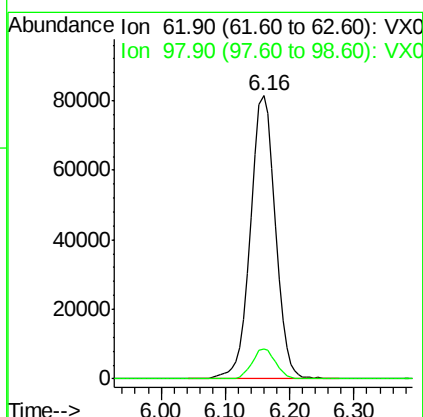
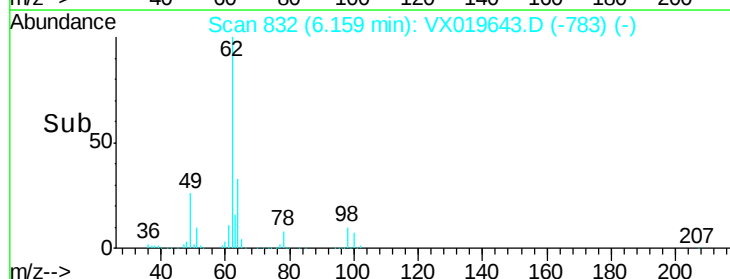
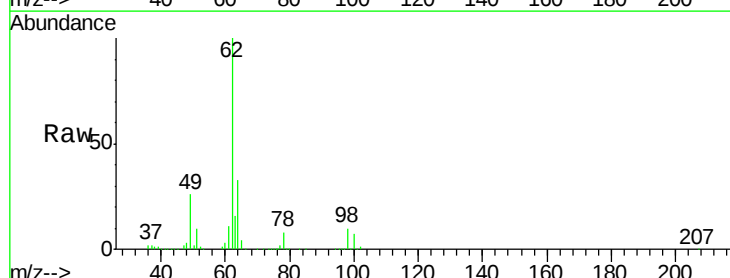
Manual Integrations
APPROVED

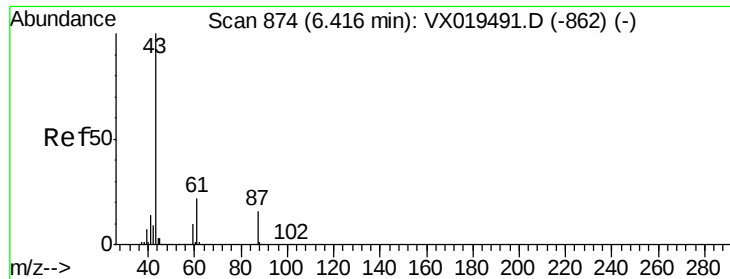
MMDadoda
11/25/2020 9:55:00 AM



#42
1,2-Dichloroethane
Concen: 49.878 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.0	





#43

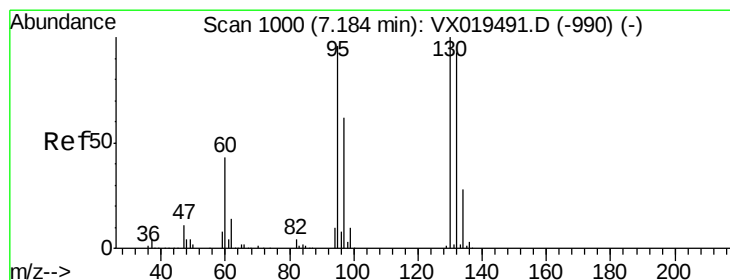
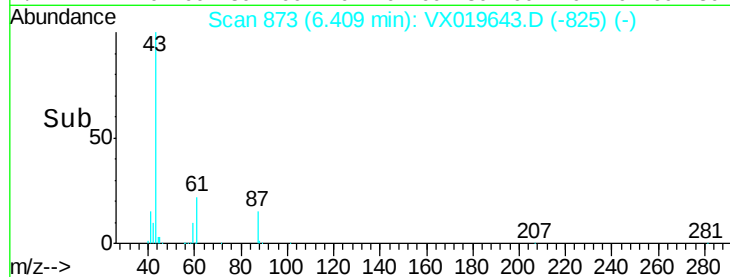
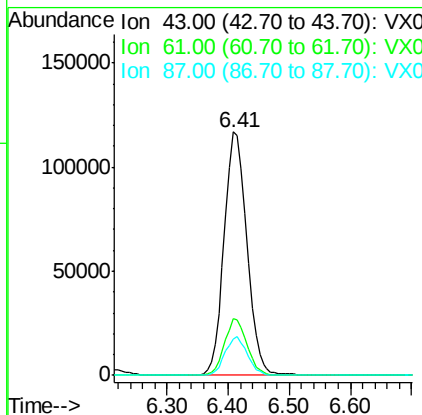
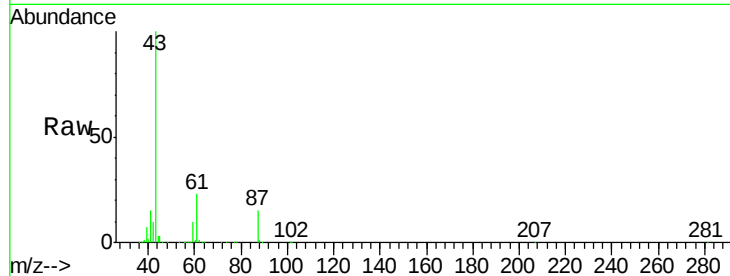
Isopropyl Acetate
 Concen: 46.476 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	15.6	12.6	18.8

Manual Integrations
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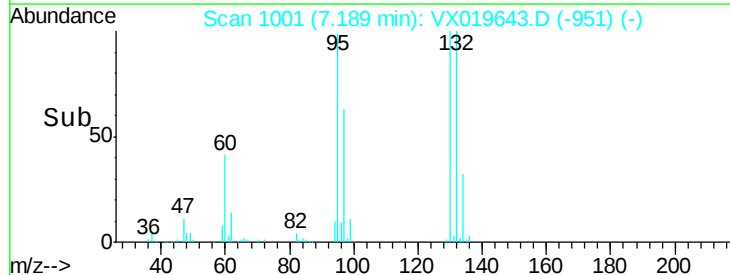
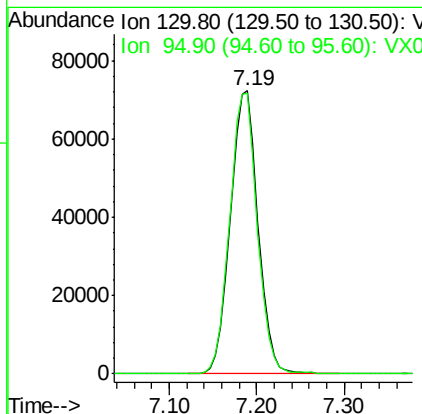
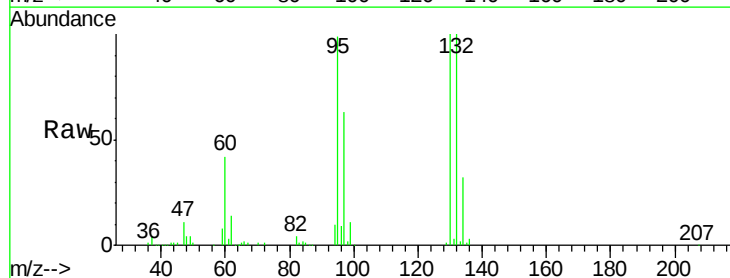
MMDadoda
 11/25/2020 9:55:00 AM

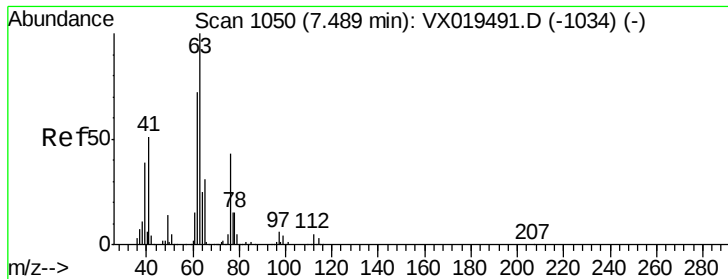


#44

Trichloroethene
 Concen: 48.305 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	191.2





#45

1,2-Dichloropropane

Concen: 50.471 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion: 63 Resp: 156424

Ion Ratio Lower Upper

63 100

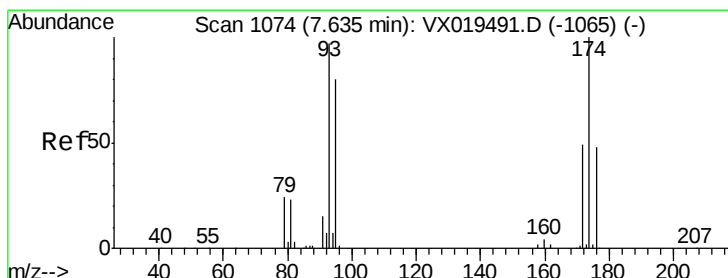
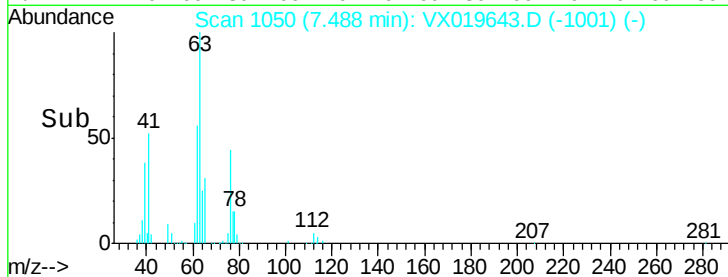
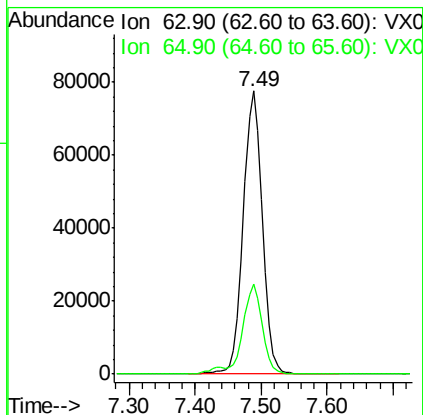
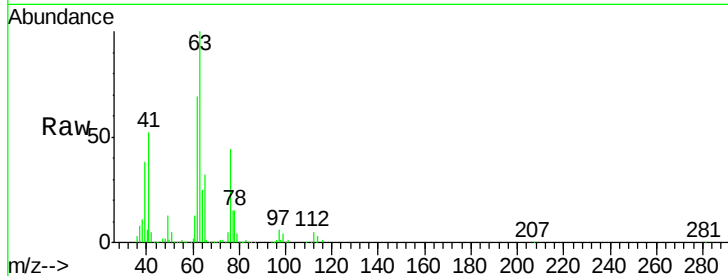
65 31.8 25.0 37.4

Manual Integrations

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11/25/2020 9:55:00 AM



#46

Dibromomethane

Concen: 50.637 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

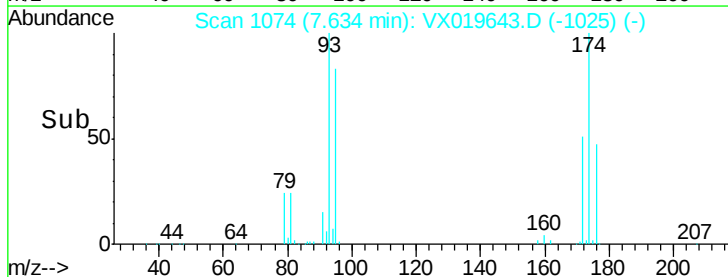
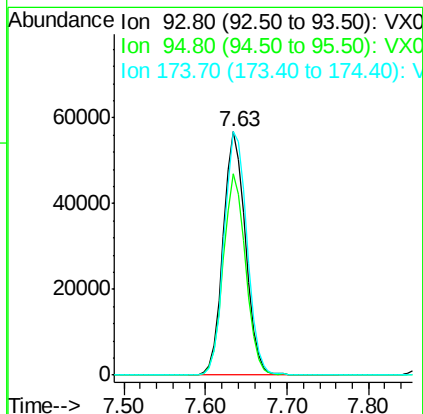
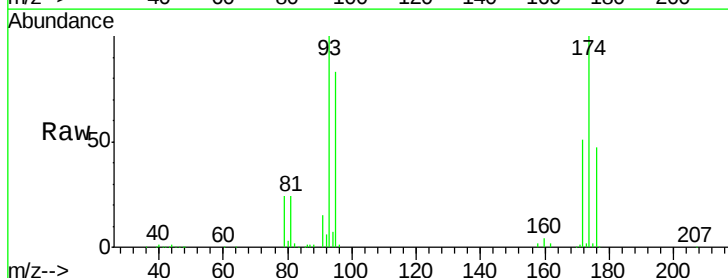
Tgt Ion: 93 Resp: 107412

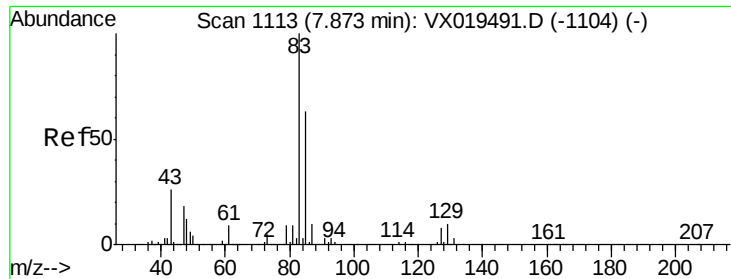
Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 102.2 83.0 124.4





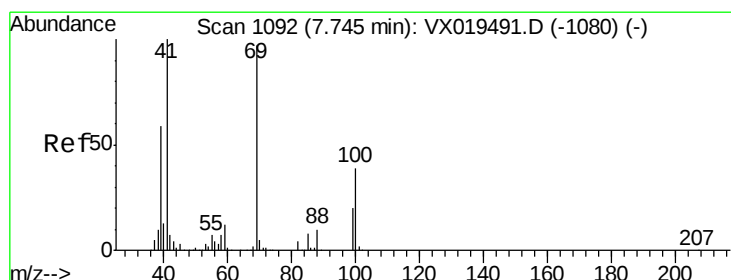
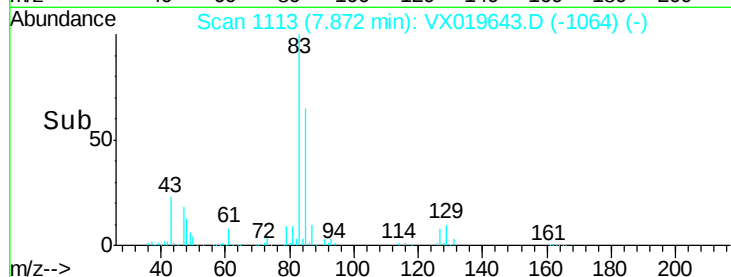
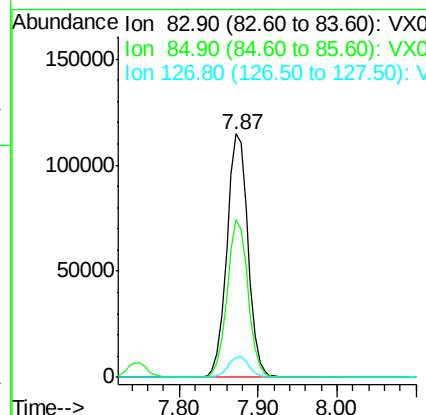
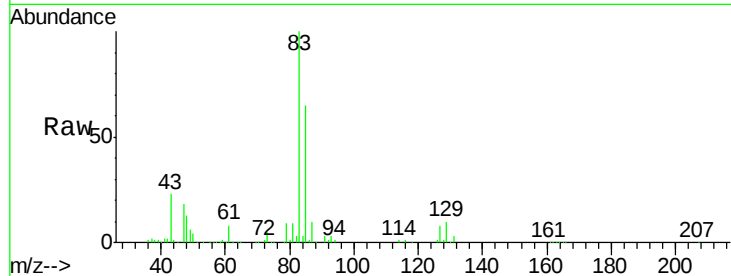
#47
Bromodichloromethane
Concen: 51.829 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.2	75.2
127	7.9	6.4	9.6

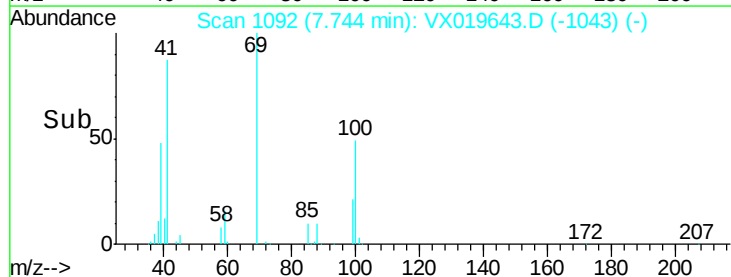
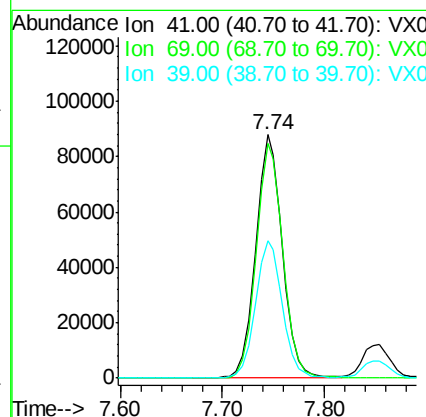
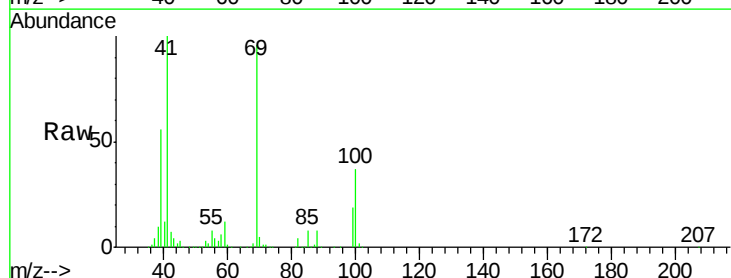
Manual Integrations
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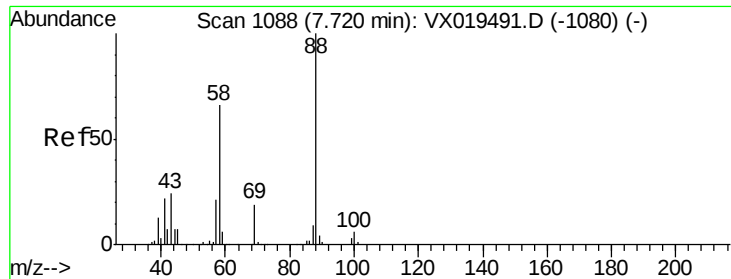
MMDadoda
11/25/2020 9:55:00 AM



#48
Methyl methacrylate
Concen: 52.592 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
41	100		
69	97.5	77.0	115.6
39	57.2	45.6	68.4





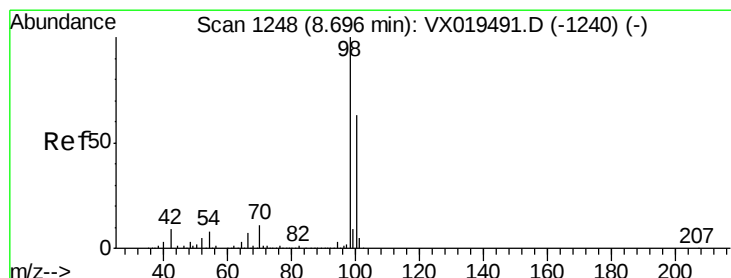
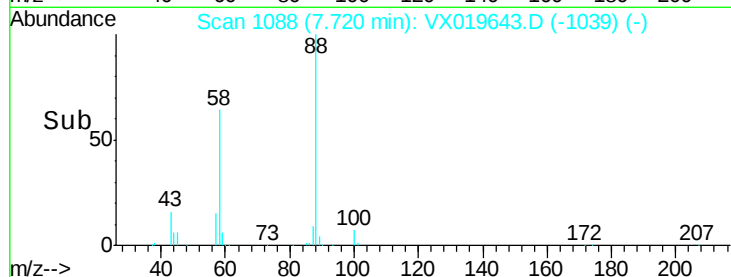
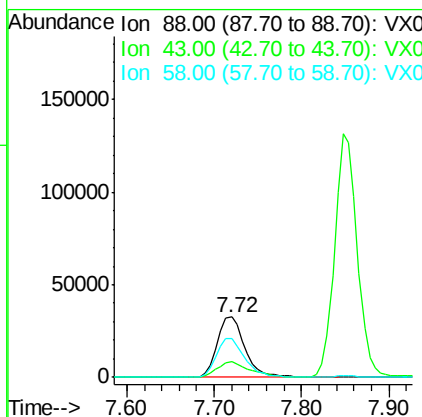
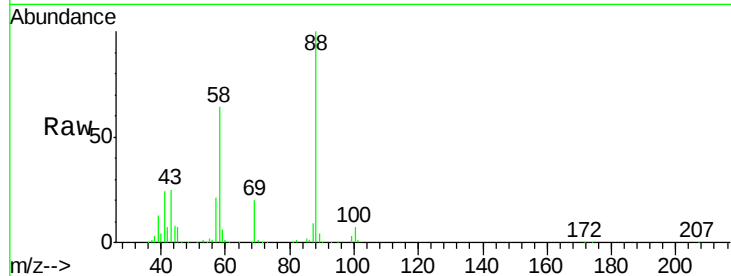
#49
1,4-Dioxane
Concen: 1038.663 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.8	35.6
58	66.9	54.2	81.2

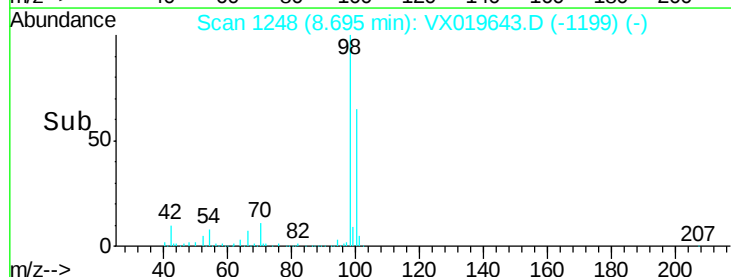
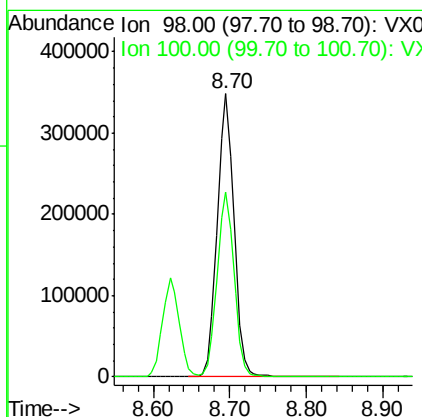
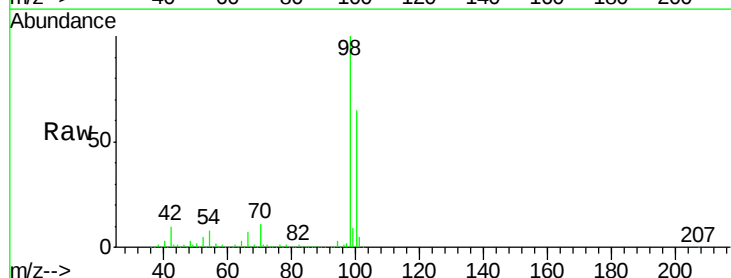
Manual Integrations
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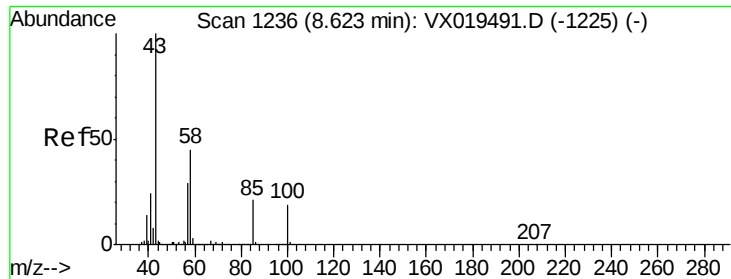
MMDadoda
11/25/2020 9:55:00 AM



#50
Toluene-d8
Concen: 49.671 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 262.545 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion: 43 Resp: 989964

Ion Ratio Lower Upper

43 100

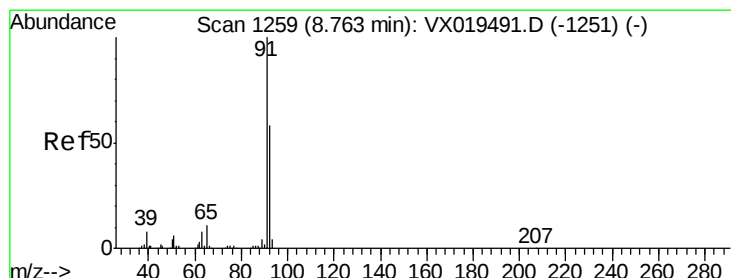
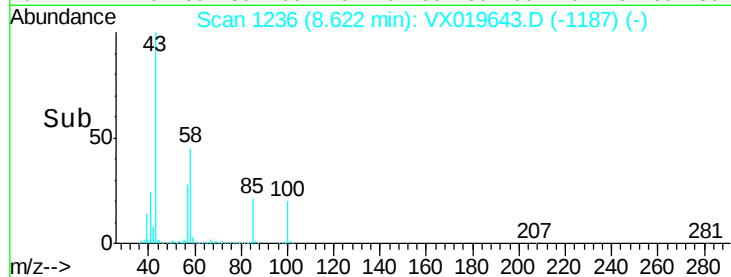
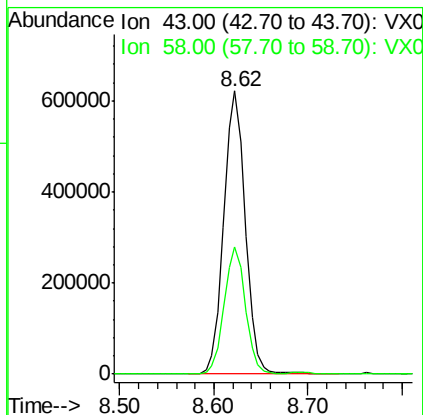
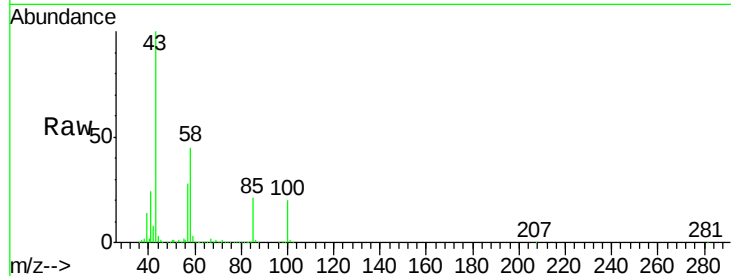
58 44.1 35.1 52.7

Manual Integrations

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MMDadoda

11/25/2020 9:55:00 AM



#52

Toluene

Concen: 51.693 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019643.D

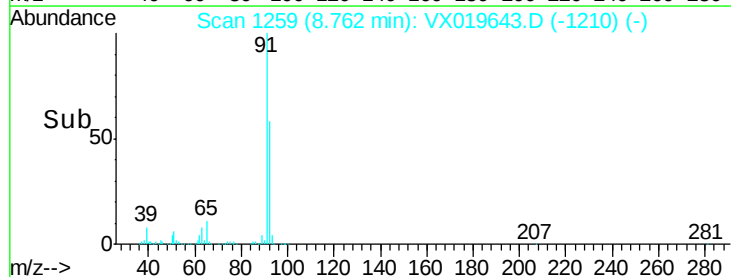
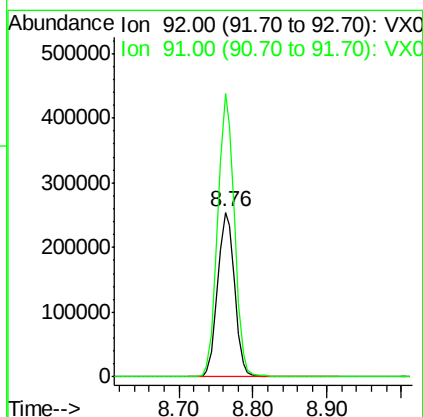
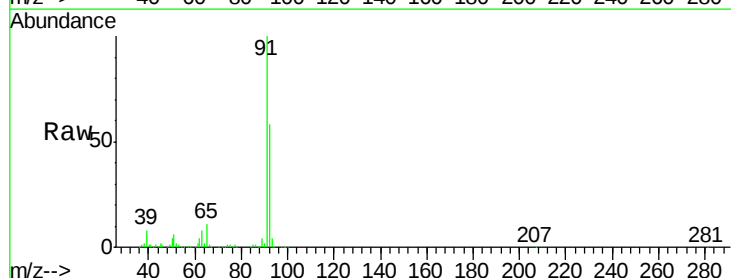
Acq: 25 Nov 2020 06:37

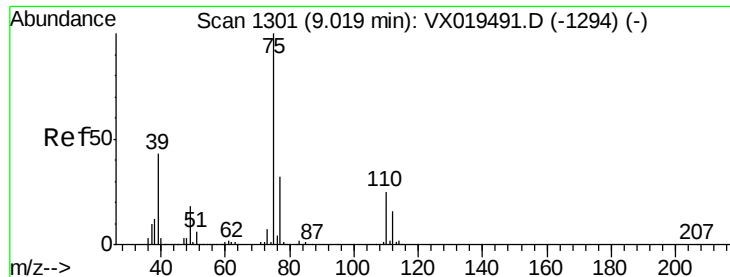
Tgt Ion: 92 Resp: 398119

Ion Ratio Lower Upper

92 100

91 169.5 138.1 207.1





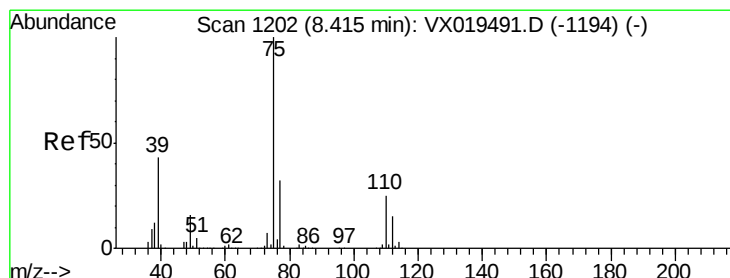
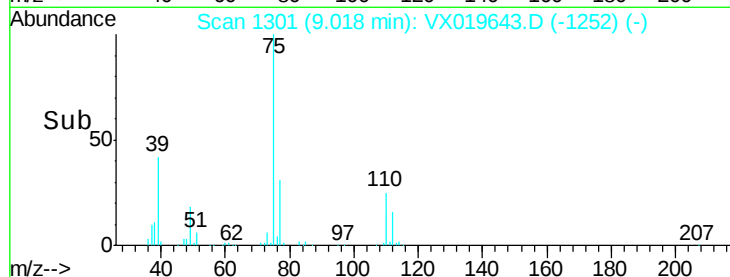
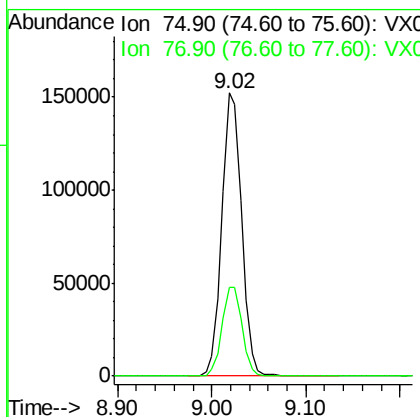
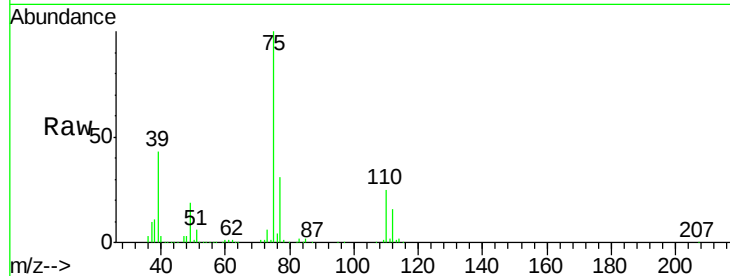
#53
t-1,3-Dichloropropene
Concen: 50.016 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion: 75 Resp: 222341
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9

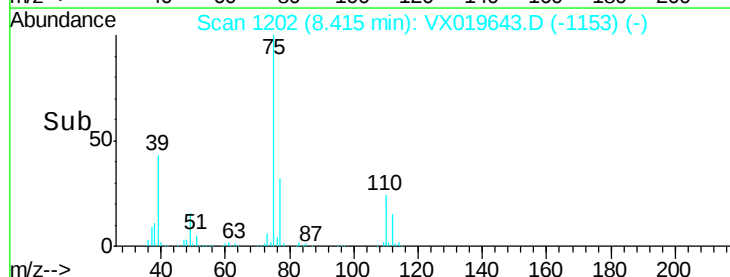
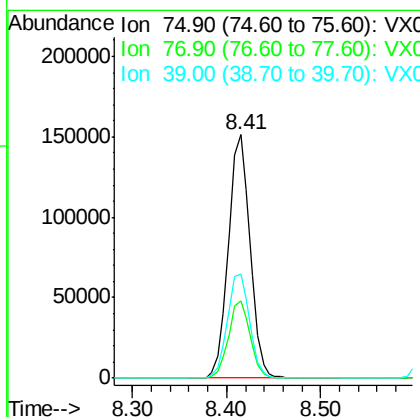
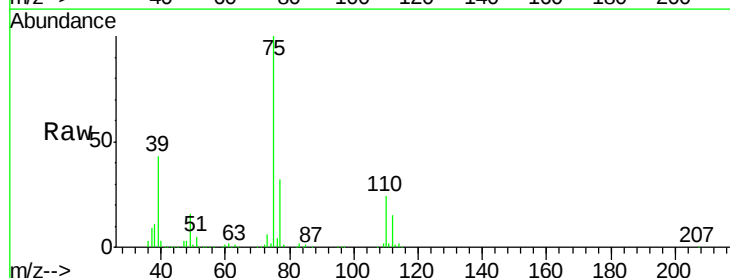
Manual Integrations
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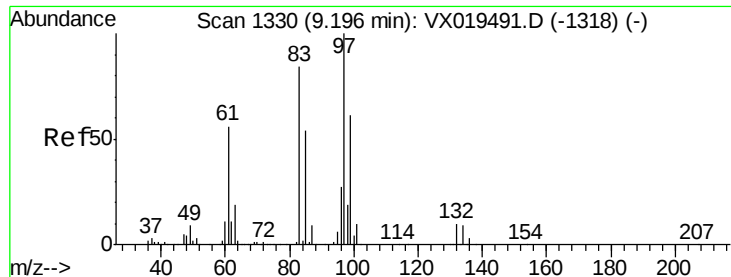
MMDadoda
11/25/2020 9:55:00 AM



#54
cis-1,3-Dichloropropene
Concen: 49.019 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion: 75 Resp: 241826
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
39 42.9 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 51.752 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

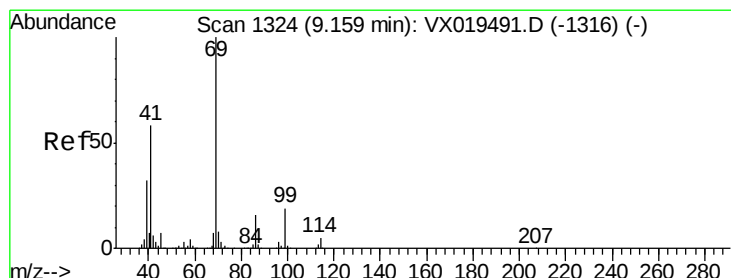
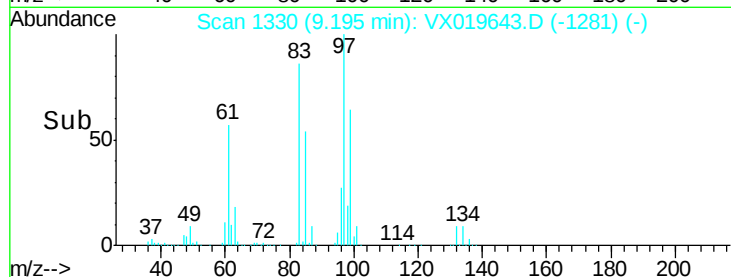
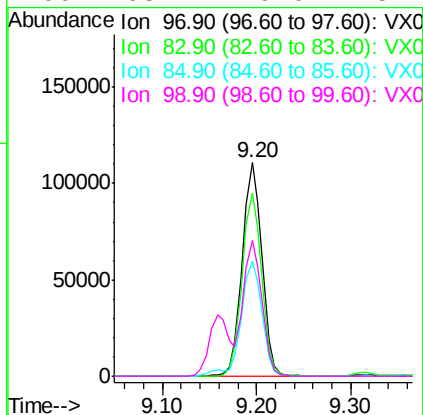
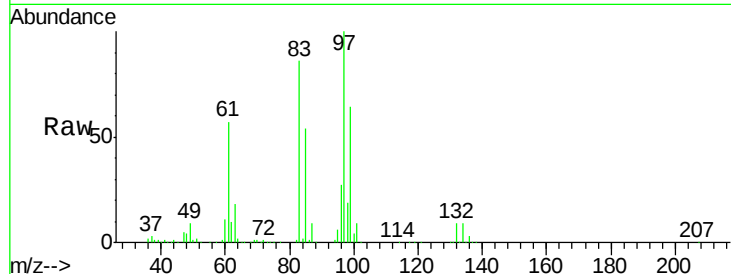
ClientSampleId :

GR-OF-20201119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		162322		
83	86.0	67.0	100.6		
85	54.2	43.4	65.0		
99	63.7	49.0	73.4		

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#56

Ethyl methacrylate

Concen: 54.109 ug/l

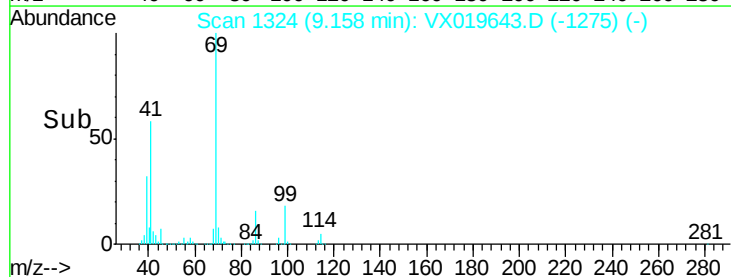
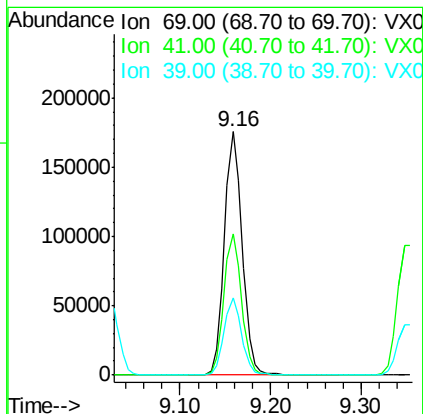
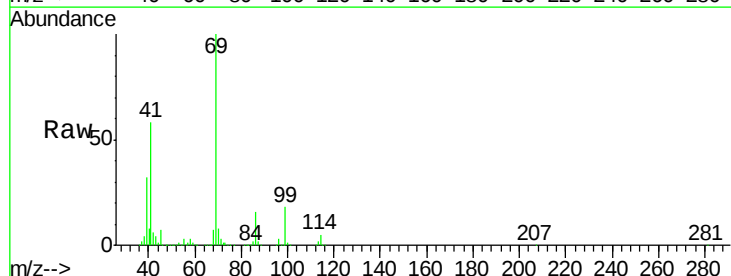
RT: 9.16 min Scan# 1324

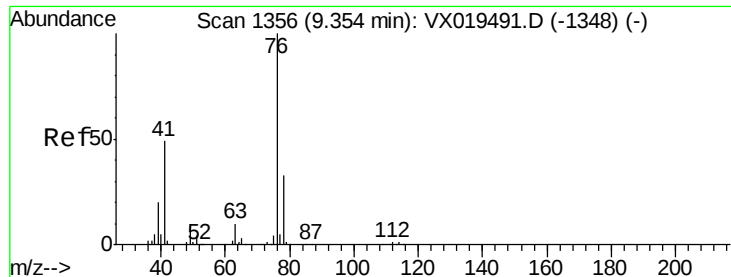
Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		240149		
41	57.8	46.2	69.2		
39	31.7	25.5	38.3		





#57

1,3-Dichloropropane

Concen: 51.934 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion: 76 Resp: 272721

Ion Ratio Lower Upper

76 100

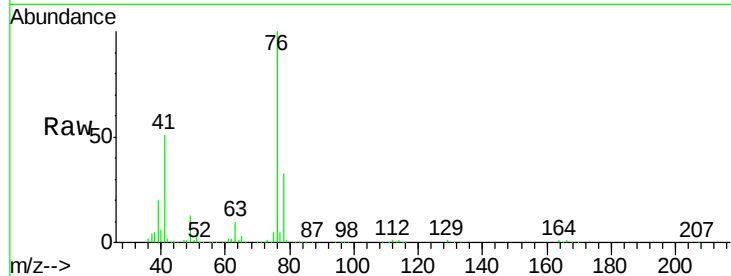
78 32.6 25.7 38.5

Manual Integrations

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11/25/2020 9:55:00 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

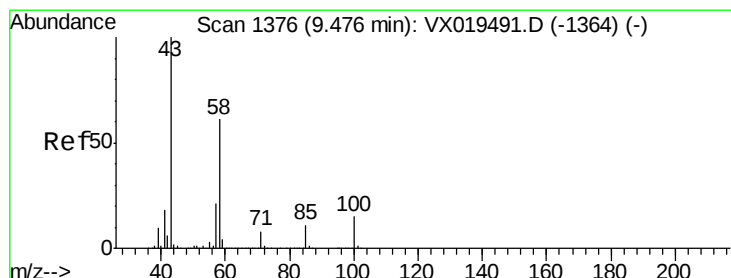
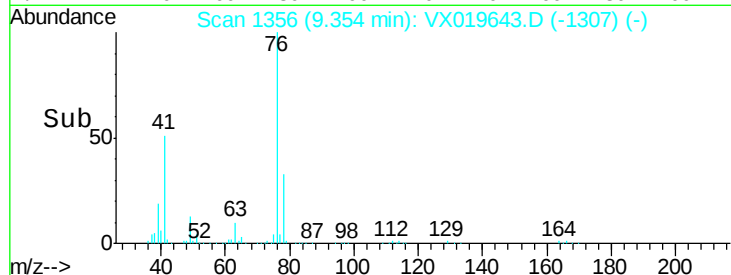
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 256.762 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX019643.D

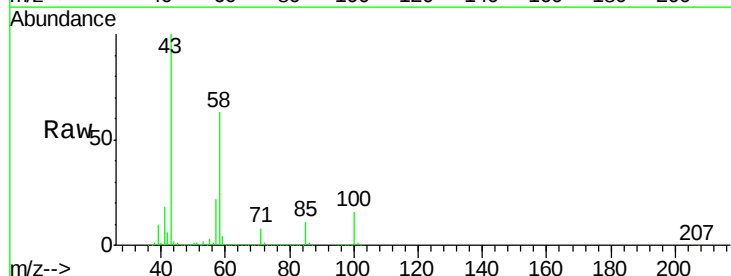
Acq: 25 Nov 2020 06:37

Tgt Ion: 43 Resp: 734274

Ion Ratio Lower Upper

43 100

58 62.0 30.6 91.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

600000

500000

400000

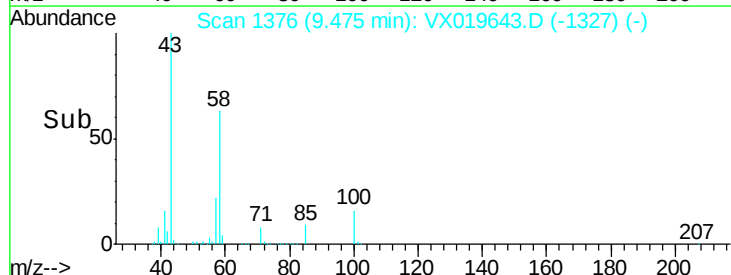
300000

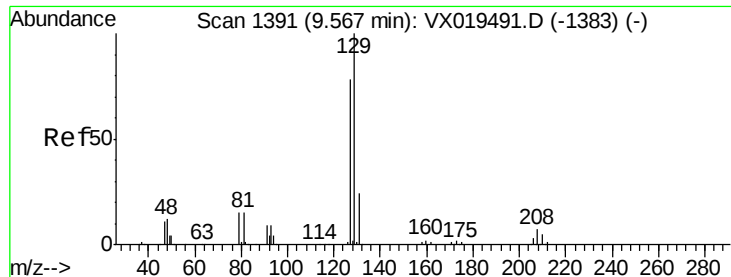
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 52.940 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion:129 Resp: 162644

Ion Ratio Lower Upper

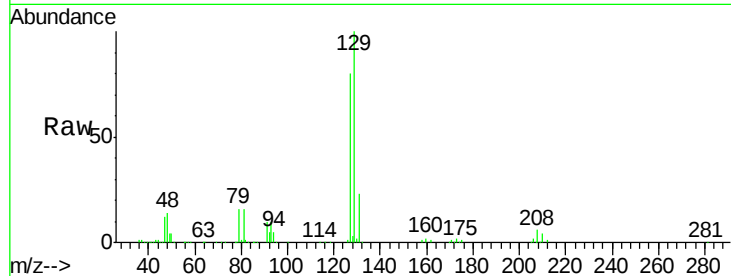
129 100

127 78.1 39.0 116.9

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.56

120000

100000

80000

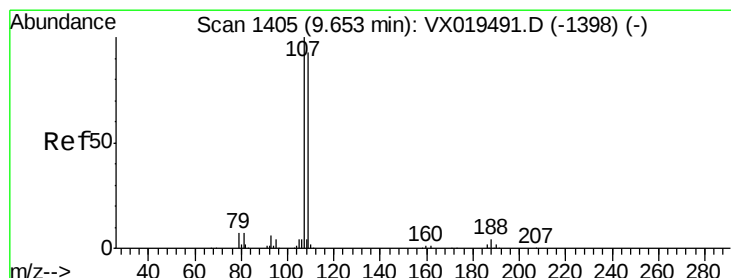
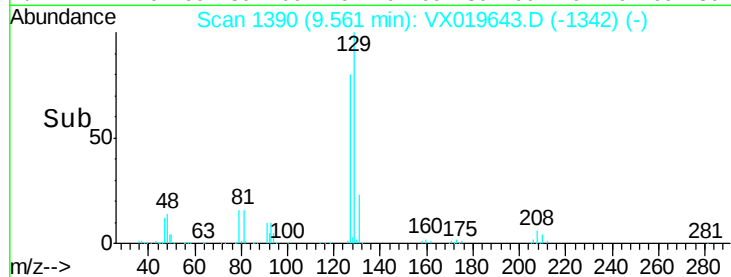
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.183 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019643.D

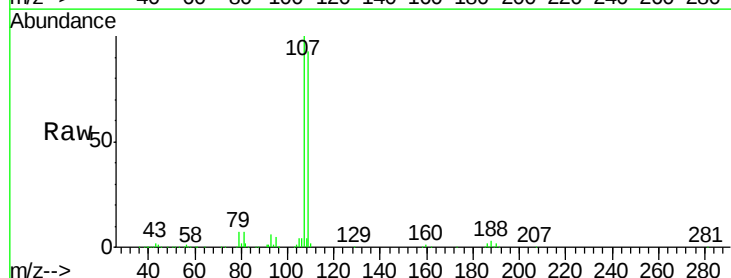
Acq: 25 Nov 2020 06:37

Tgt Ion:107 Resp: 168712

Ion Ratio Lower Upper

107 100

109 95.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

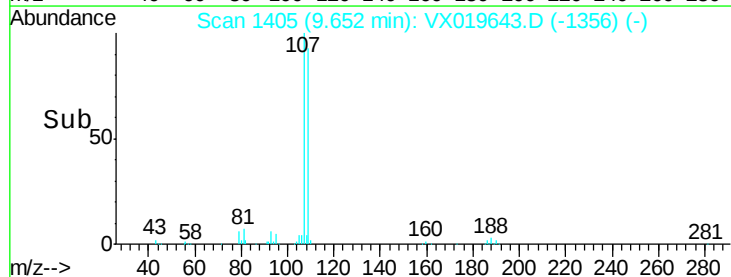
9.65

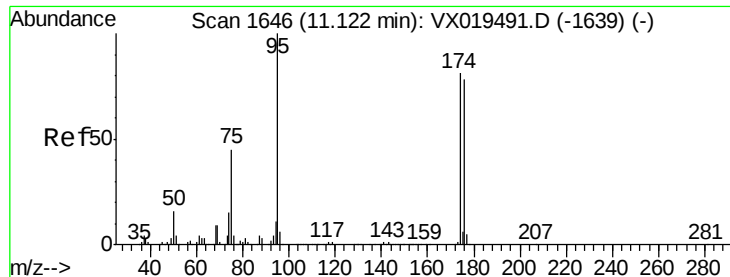
100000

50000

0

Time-->





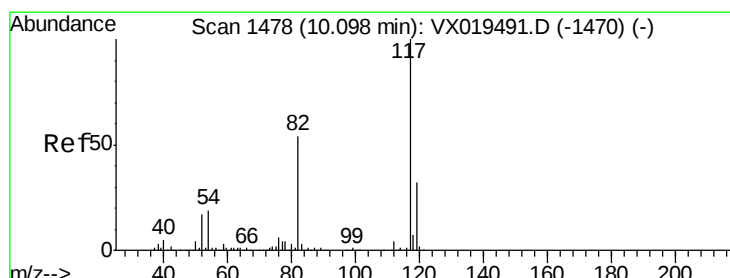
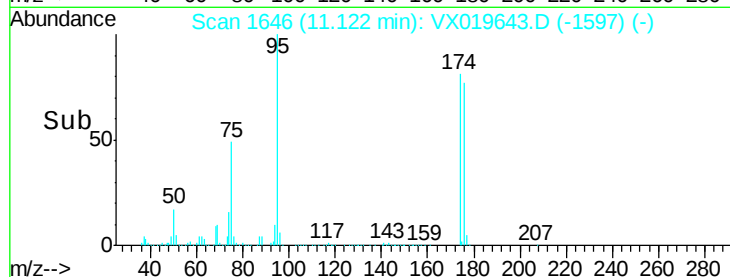
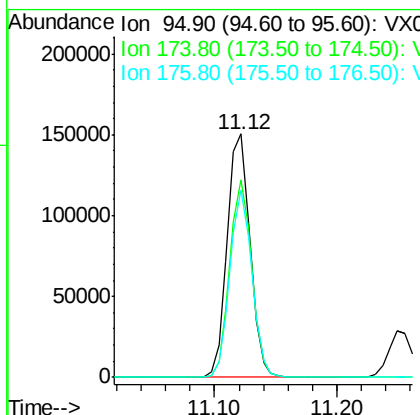
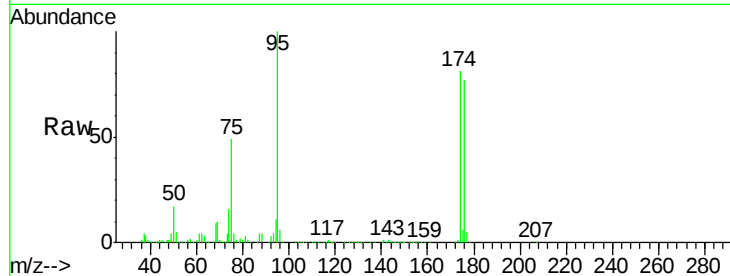
#62
4-Bromofluorobenzene
Concen: 50.367 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	193187		
174	78.2	0.0	156.2	
176	74.4	0.0	151.4	

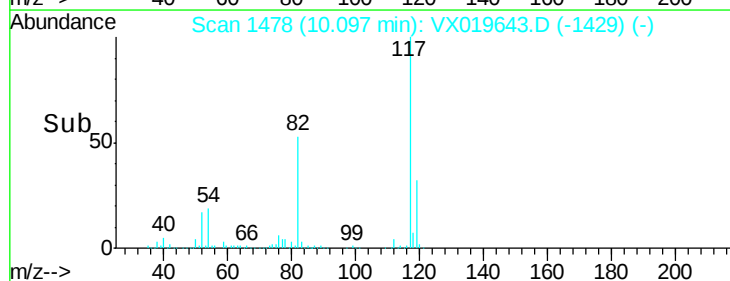
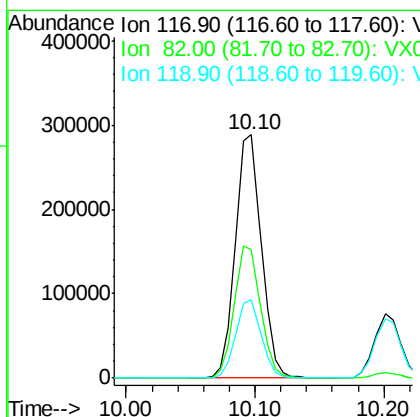
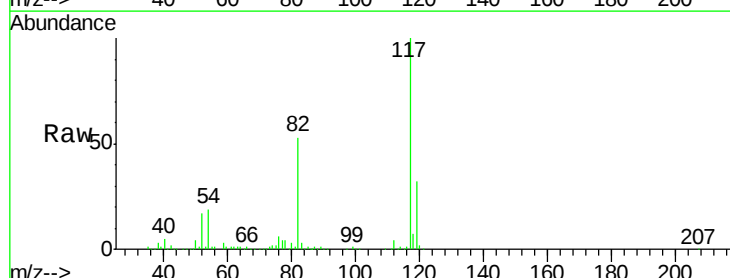
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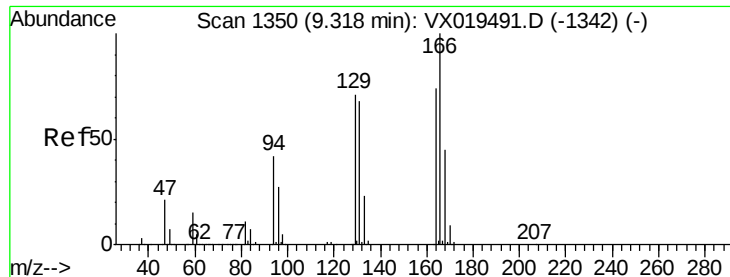
MMDadoda
11/25/2020 9:55:00 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	408167		
82	52.9	43.0	64.4	
119	32.1	25.6	38.4	





#64

Tetrachloroethene

Concen: 41.479 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion:164 Resp: 133080

Ion Ratio Lower Upper

164 100

166 126.3 107.4 161.0

129 94.9 76.6 114.8

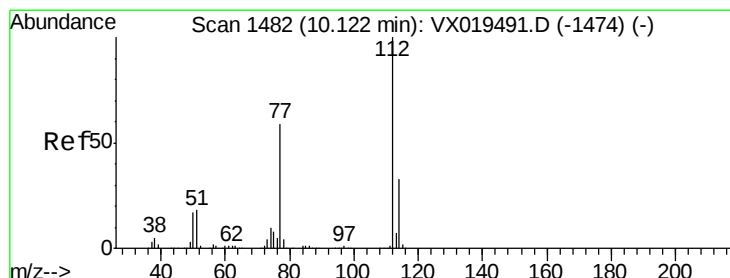
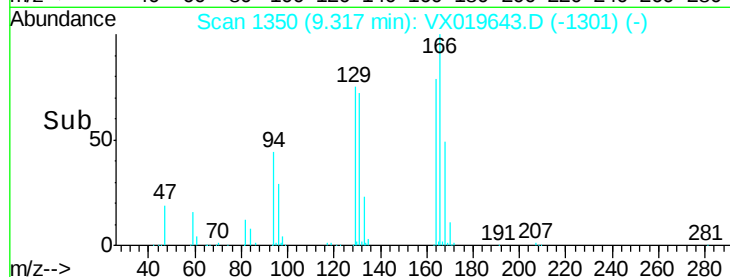
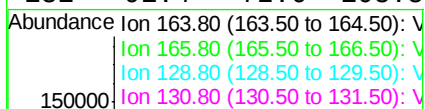
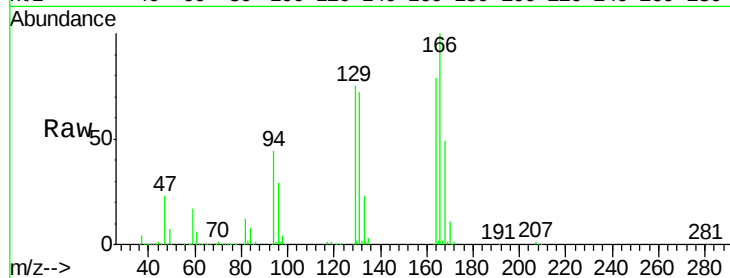
131 91.4 72.6 108.8

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11/25/2020 9:55:00 AM



#65

Chlorobenzene

Concen: 49.260 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019643.D

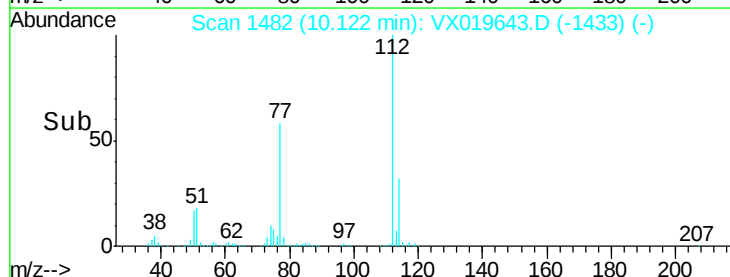
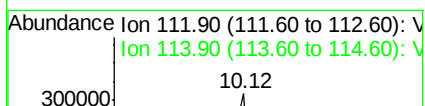
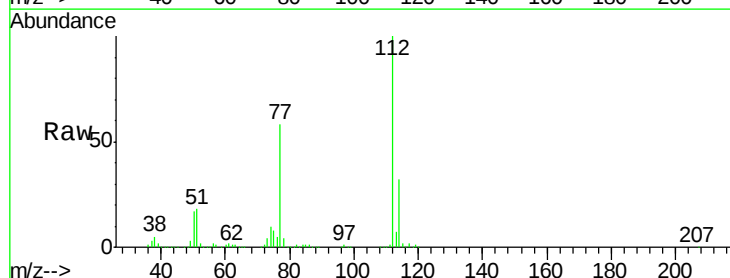
Acq: 25 Nov 2020 06:37

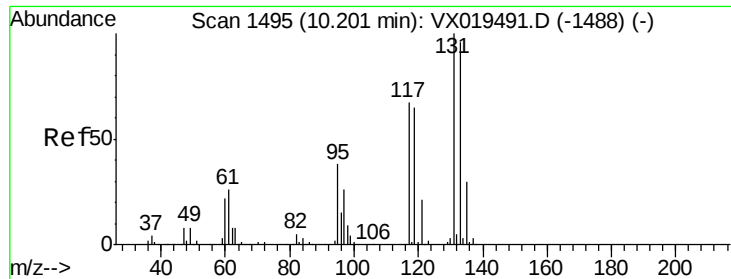
Tgt Ion:112 Resp: 413392

Ion Ratio Lower Upper

112 100

114 31.7 26.0 39.0





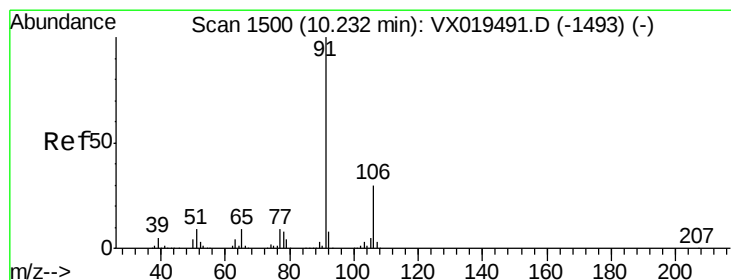
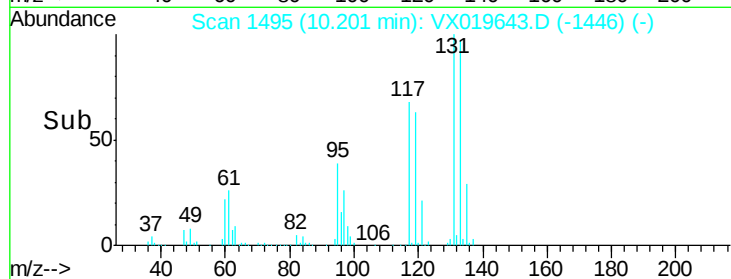
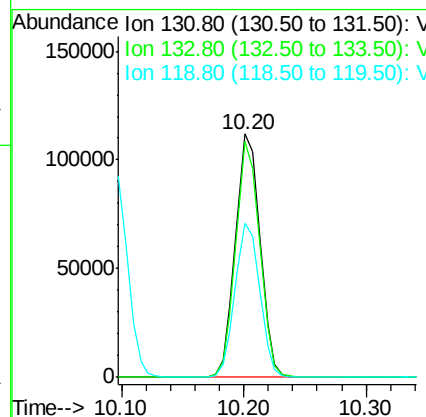
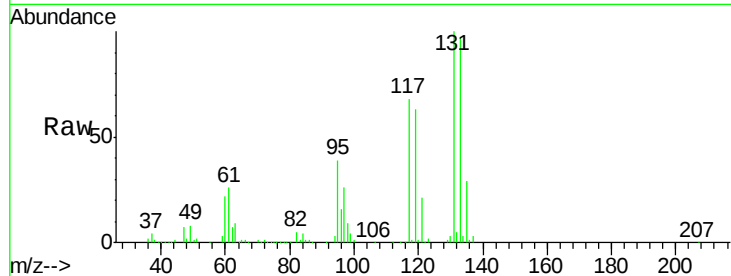
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.927 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	155454		
133	94.5	48.5	145.5	
119	63.7	33.0	99.0	

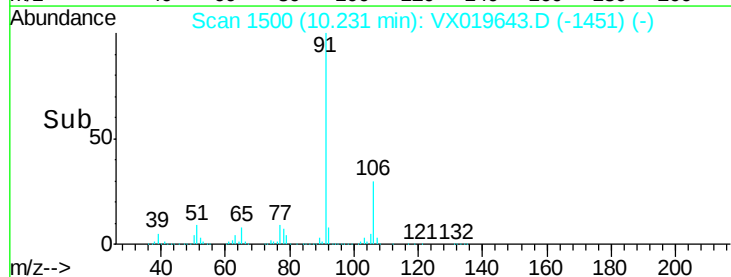
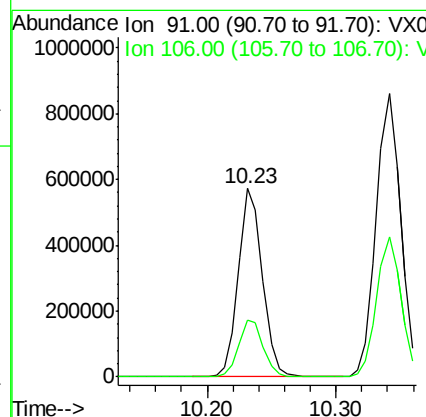
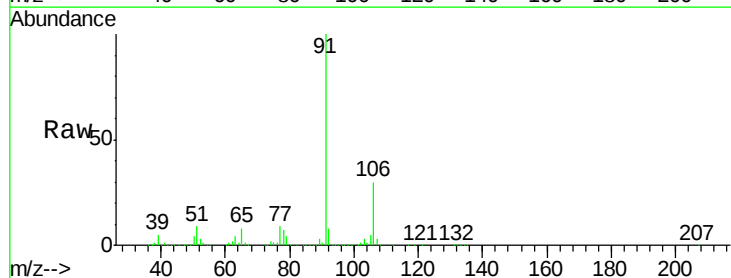
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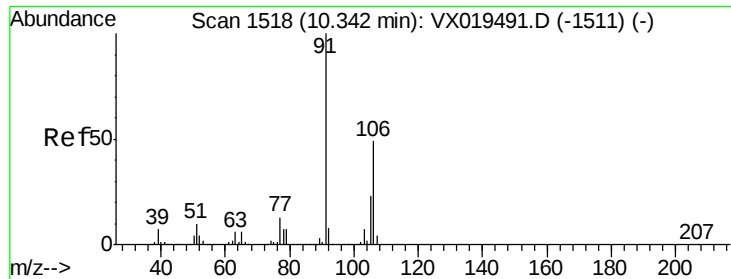
MMDadoda
 11/25/2020 9:55:00 AM



#67
 Ethyl Benzene
 Concen: 50.731 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	745826		
106	30.0	24.0	36.0	





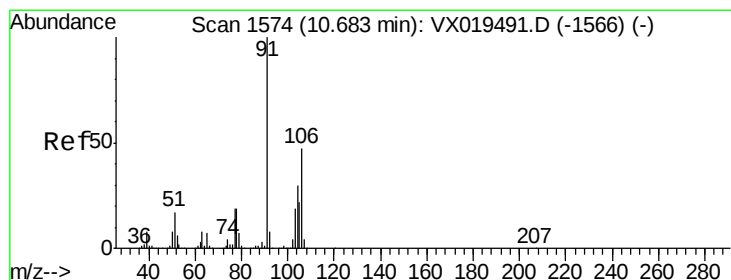
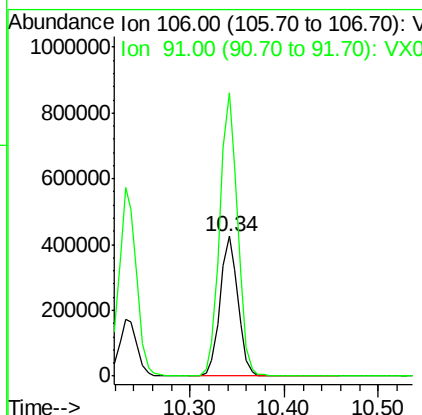
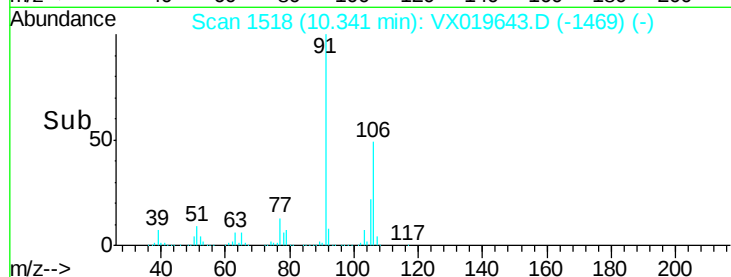
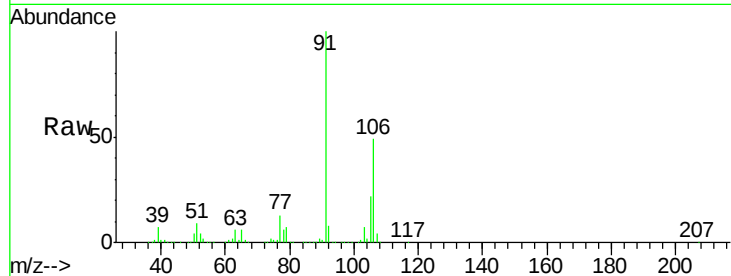
#68
m/p-Xvlenes
Concen: 101.771 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	203.3	163.3	244.9		

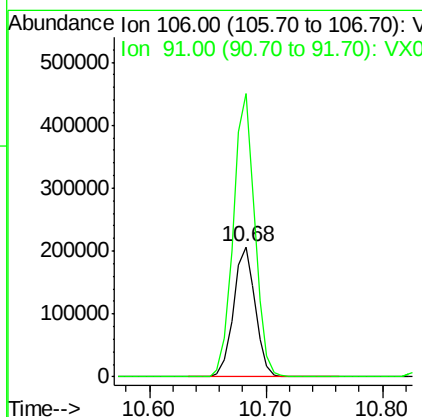
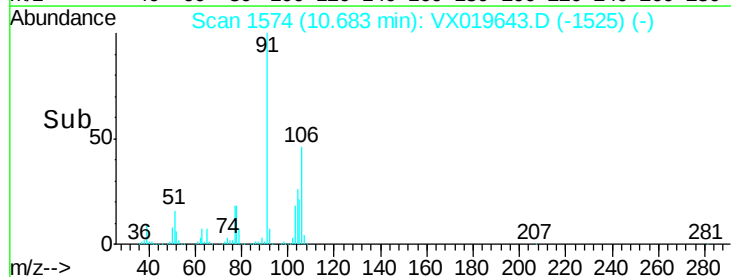
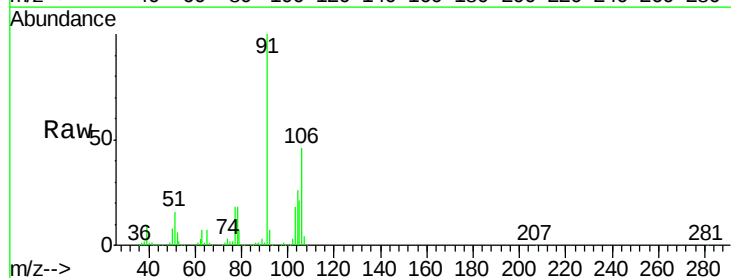
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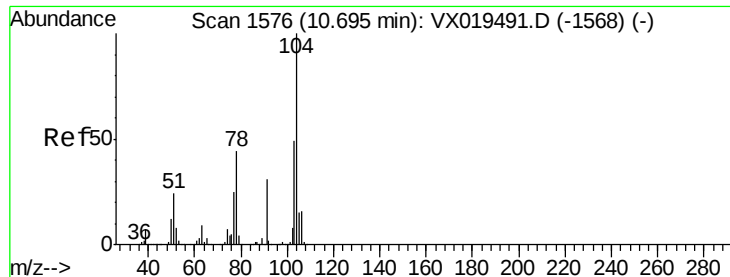
MMDadoda
11/25/2020 9:55:00 AM



#69
o-Xylene
Concen: 51.370 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.3	108.0	324.0		





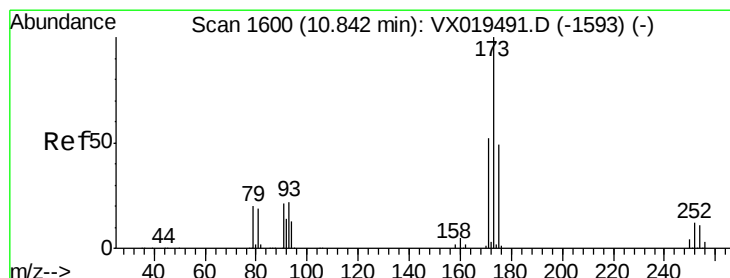
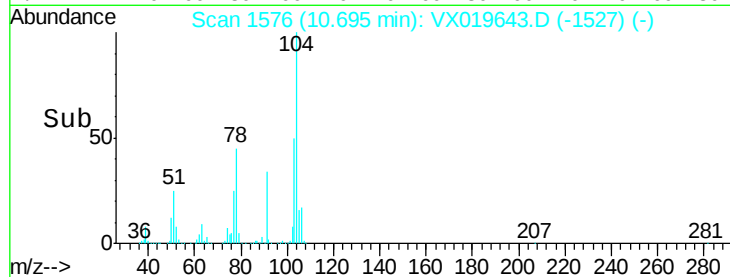
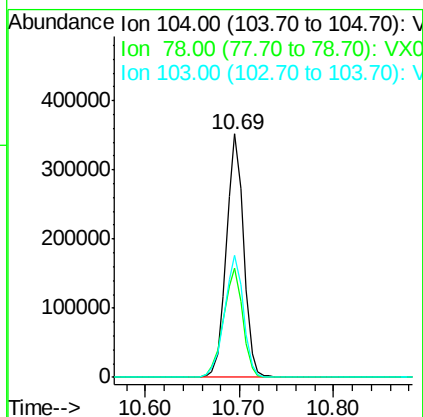
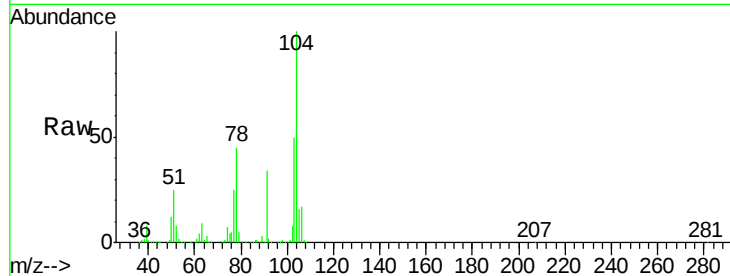
#70
Stvrene
Concen: 46.444 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	448955		
78	49.9	39.5	59.3	
103	54.6	43.6	65.4	

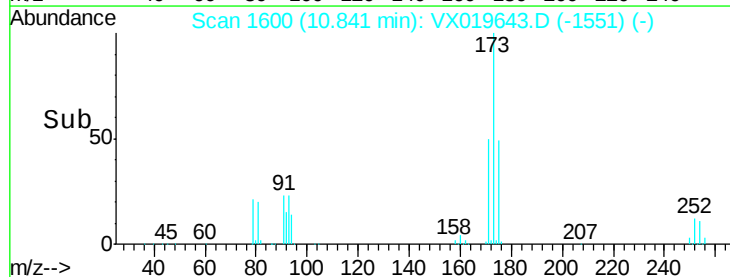
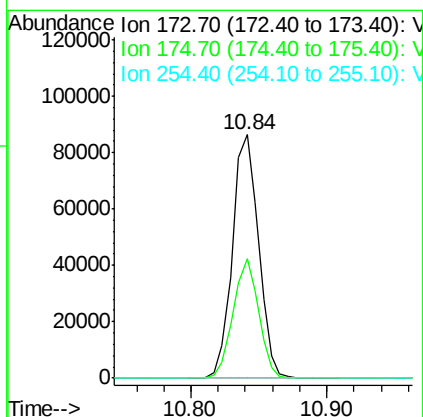
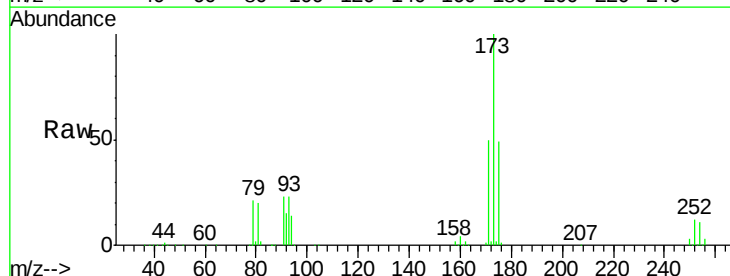
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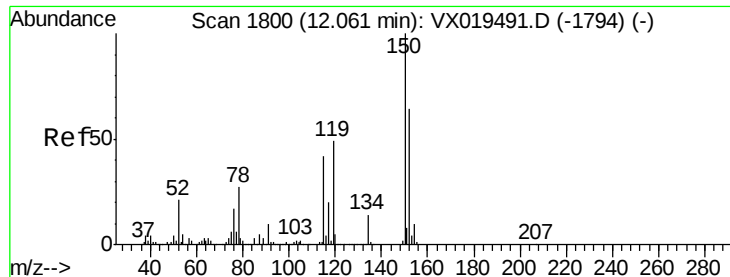
MMDadoda
11/25/2020 9:55:00 AM



#71
Bromoform
Concen: 44.829 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	114882		
175	47.9	24.9	74.8	
254	0.1	0.1	0.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

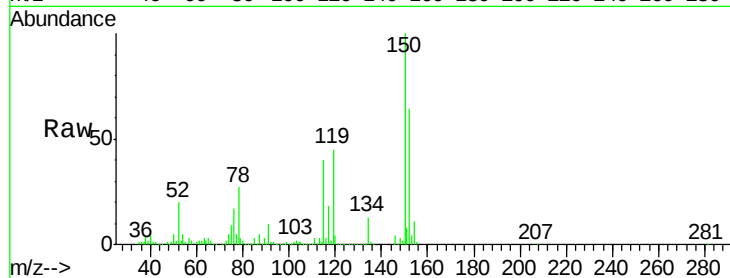
ClientSampleId :

GR-OF-20201119MS

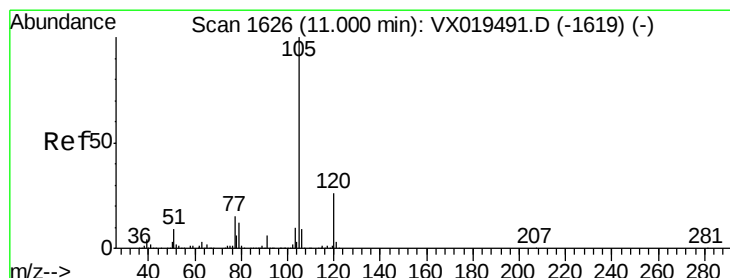
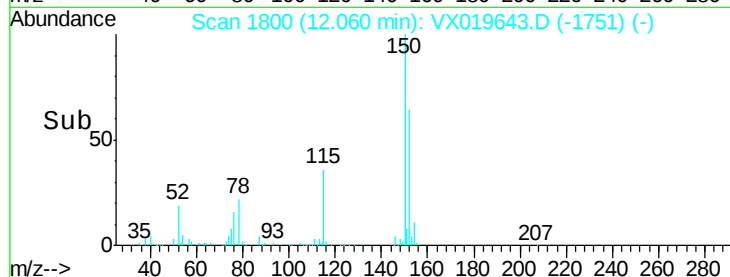
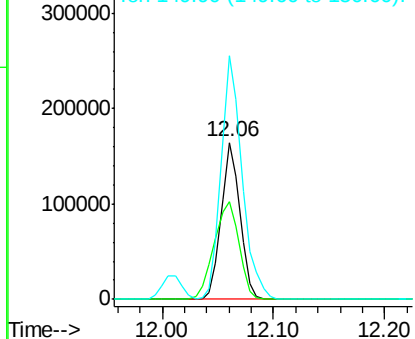
Tot Ion:	152	Resp:	192181
Ion Ratio	Lower	Upper	
152	100		
115	82.5	41.8	125.4
150	174.6	0.0	348.2

Manual Integrations
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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: 53.450 ug/l

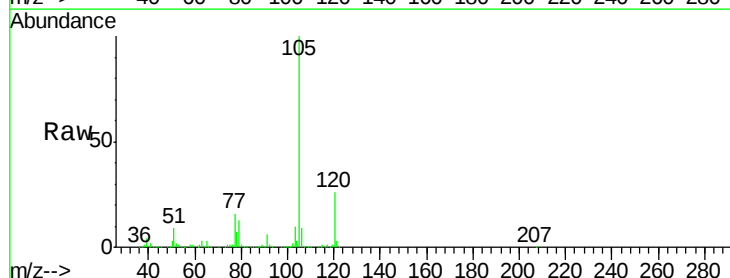
RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

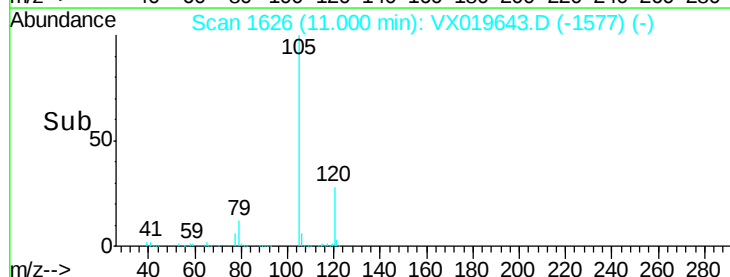
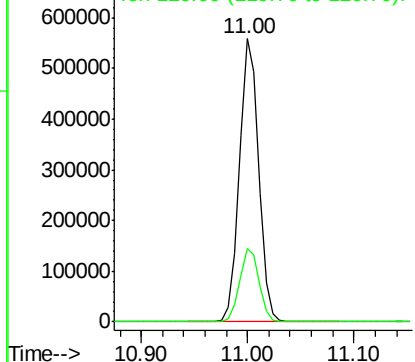
Lab File: VX019643.D

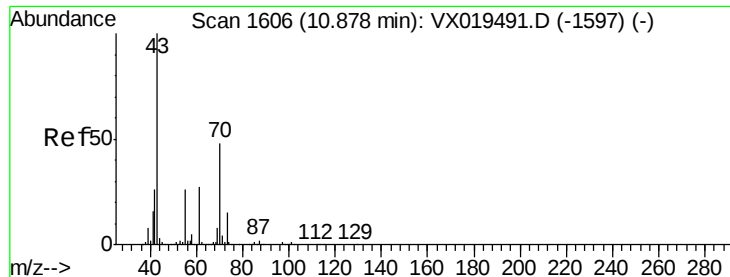
Acq: 25 Nov 2020 06:37

Tgt Ion:	105	Resp:	710598
Ion Ratio	Lower	Upper	
105	100		
120	26.1	13.0	39.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.852 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

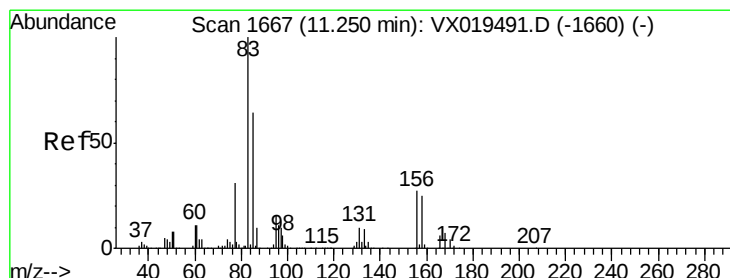
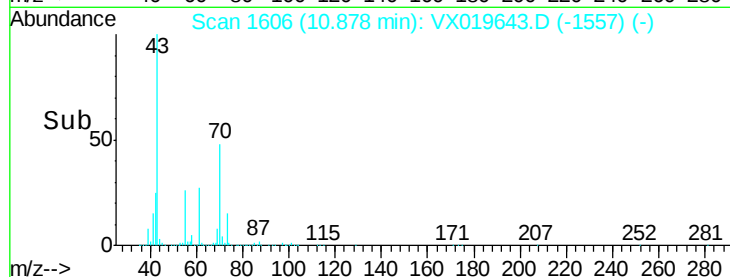
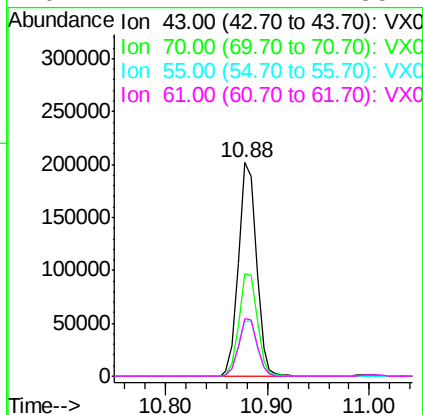
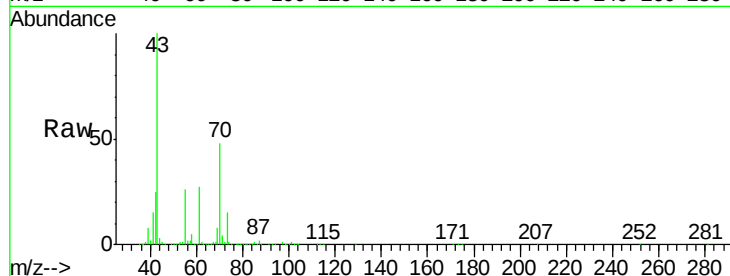
ClientSampleId :

GR-OF-20201119MS

Tot Ion:	43	Resp:	243367
Ion	Ratio	Lower	Upper
43	100		
70	49.2	39.7	59.5
55	27.1	21.8	32.6
61	27.7	22.2	33.4

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MMDadoda
11/25/2020 9:55:00 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 51.448 ug/l

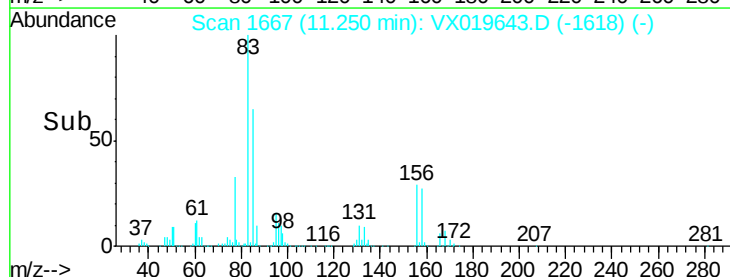
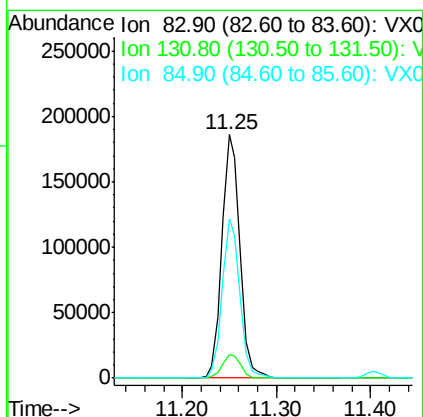
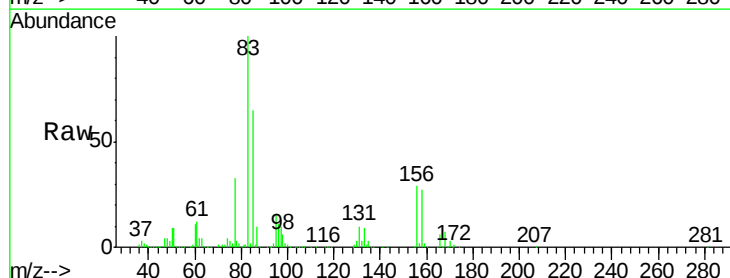
RT: 11.25 min Scan# 1667

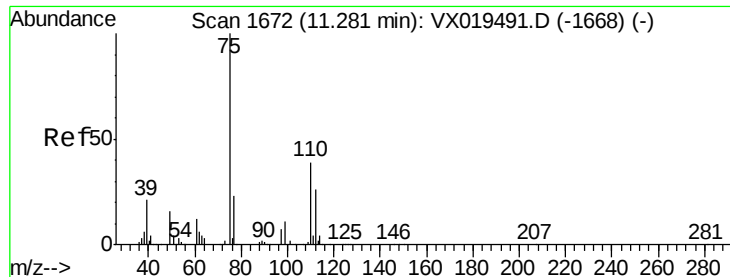
Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Tgt Ion:	83	Resp:	244598
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	64.8	32.4	97.2





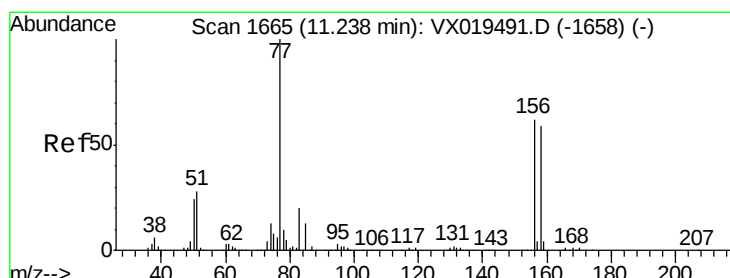
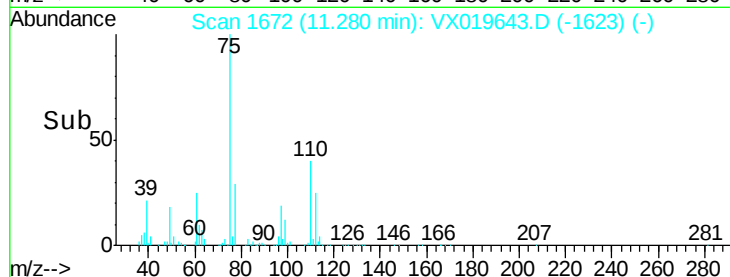
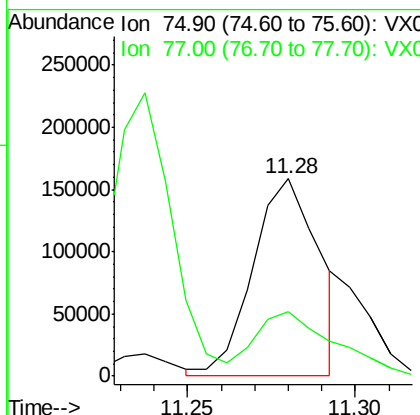
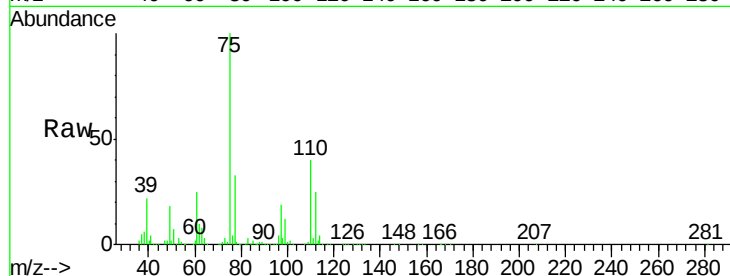
#76
1,2,3-Trichloropropane
Concen: 51.841 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion: 75 Resp: 217424
Ion Ratio Lower Upper
75 100
77 39.0 20.0 60.0

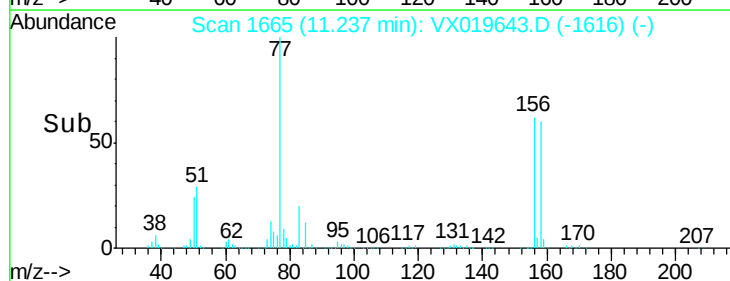
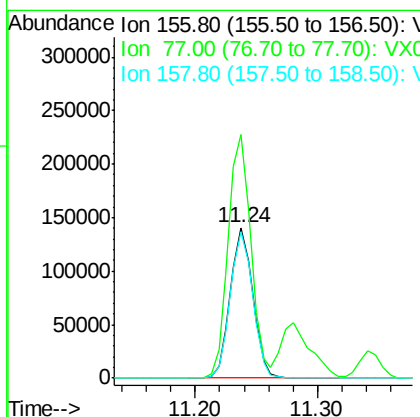
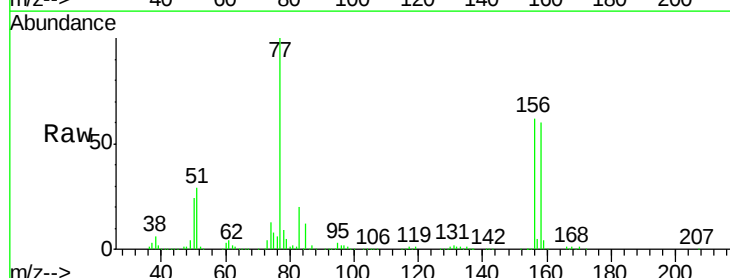
Manual Integrations
APPROVED

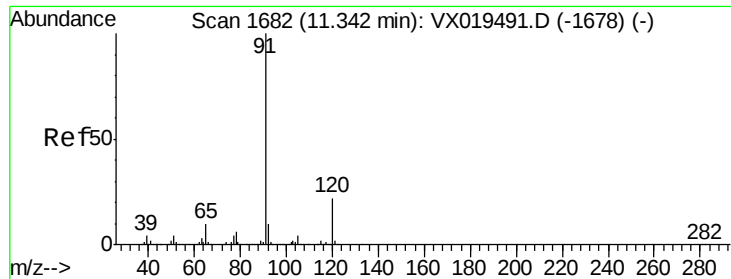
MMDadoda
11/25/2020 9:55:00 AM



#77
Bromobenzene
Concen: 52.213 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion: 156 Resp: 177207
Ion Ratio Lower Upper
156 100
77 164.8 82.5 247.3
158 97.5 48.9 146.7





#78

n-propylbenzene

Concen: 51.546 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion: 91 Resp: 786157

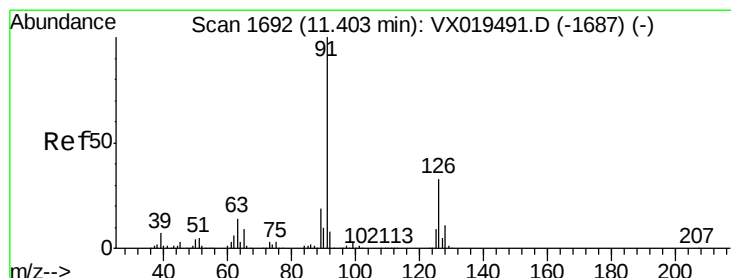
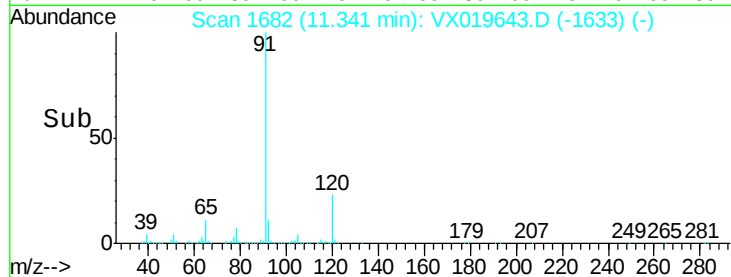
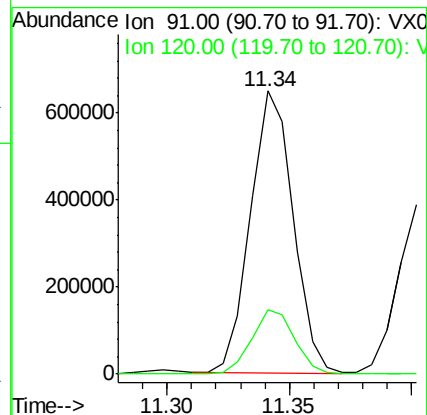
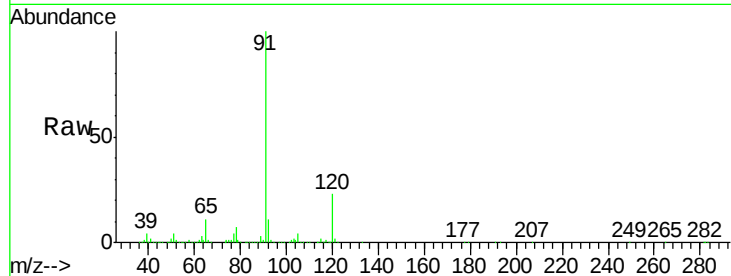
Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

Manual Integrations
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#79

2-Chlorotoluene

Concen: 52.375 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019643.D

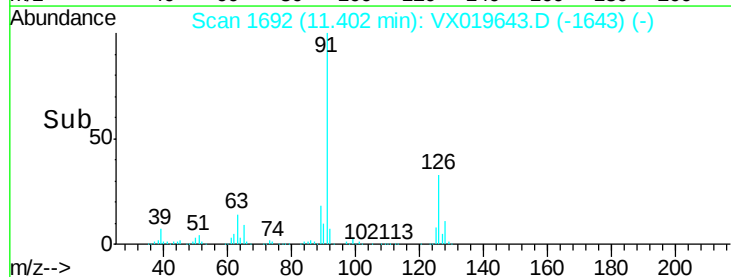
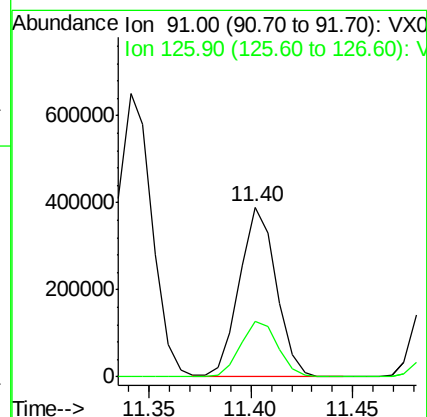
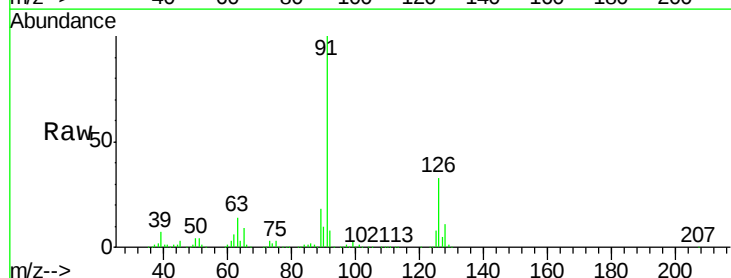
Acq: 25 Nov 2020 06:37

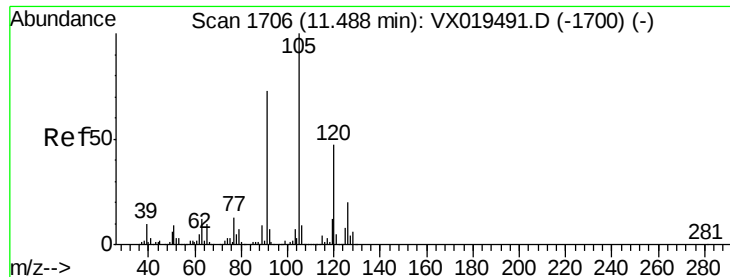
Tgt Ion: 91 Resp: 484443

Ion Ratio Lower Upper

91 100

126 33.7 16.7 50.0





#80

1,3,5-Trimethylbenzene

Concen: 52.705 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion:105 Resp: 587802

Ion Ratio Lower Upper

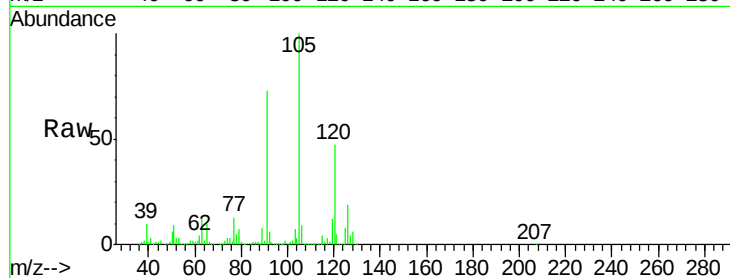
105 100

120 48.8 24.1 72.3

Manual Integrations
APPROVED

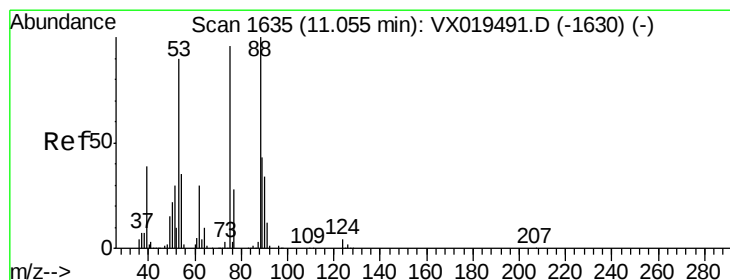
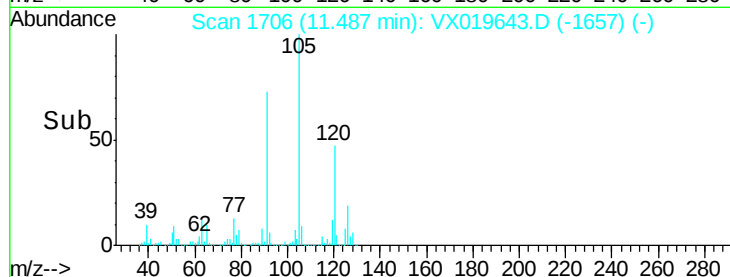
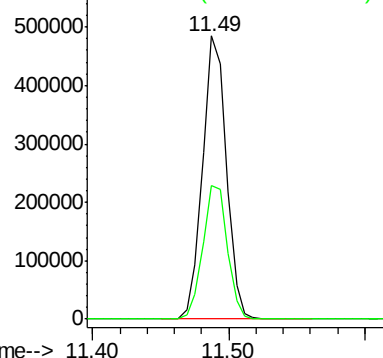
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 44.086 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

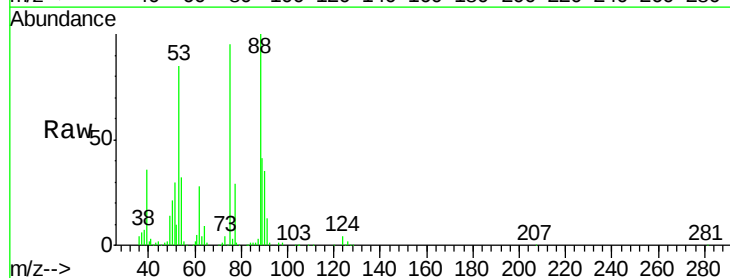
Tgt Ion: 75 Resp: 67608

Ion Ratio Lower Upper

75 100

53 95.7 73.9 110.9

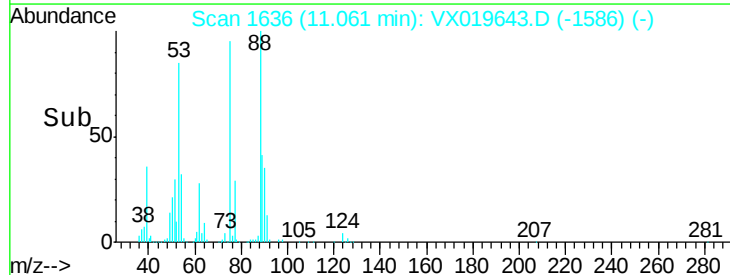
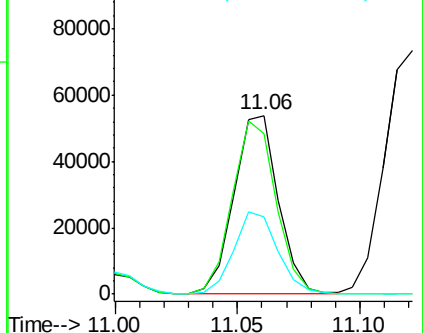
89 45.8 37.3 55.9

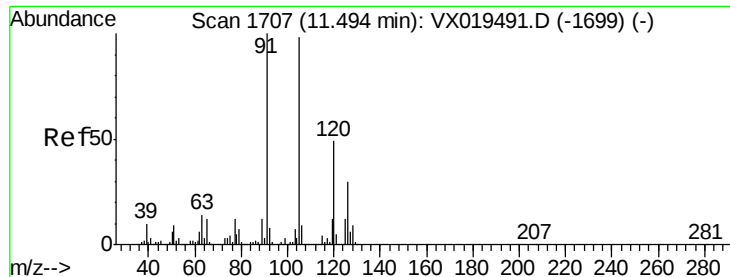


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 51.834 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion: 91 Resp: 564402

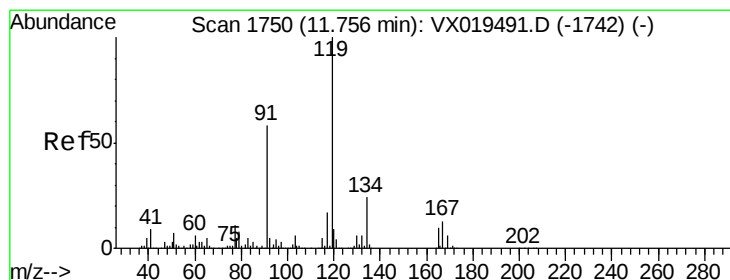
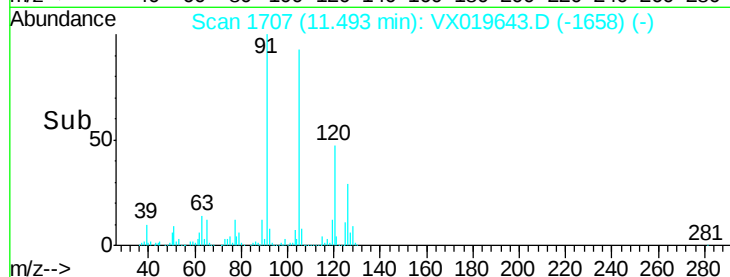
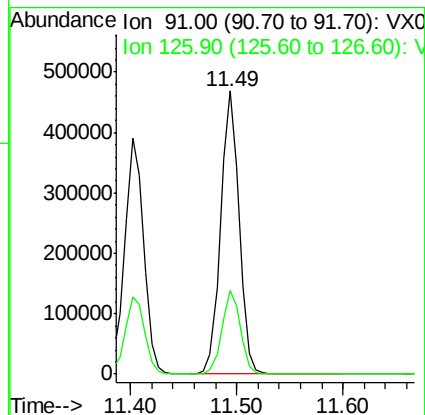
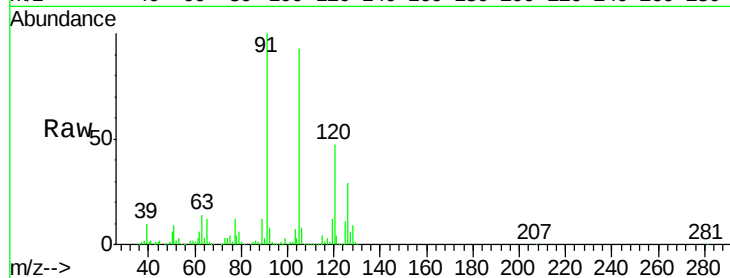
Ion Ratio Lower Upper

91 100

126 29.5 14.9 44.7

Manual Integrations
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#83

tert-Butylbenzene

Concen: 53.832 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

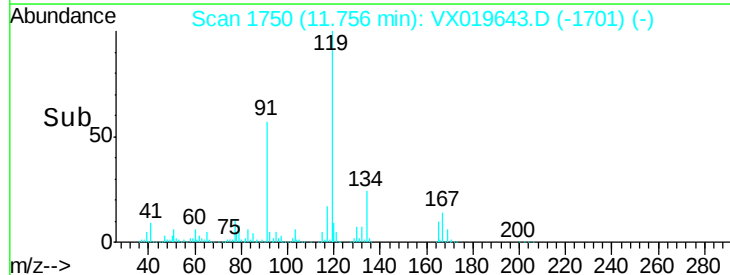
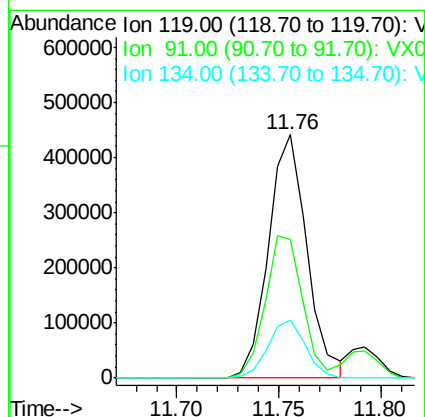
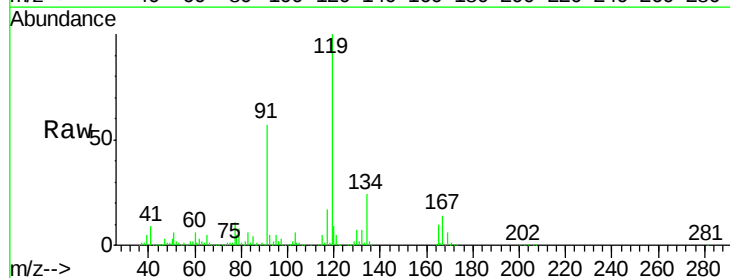
Tgt Ion: 119 Resp: 580822

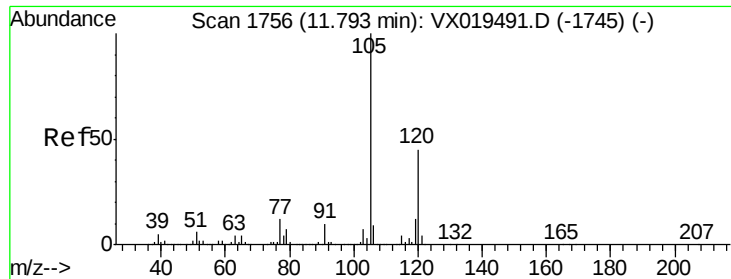
Ion Ratio Lower Upper

119 100

91 56.9 28.9 86.8

134 23.2 11.7 35.0





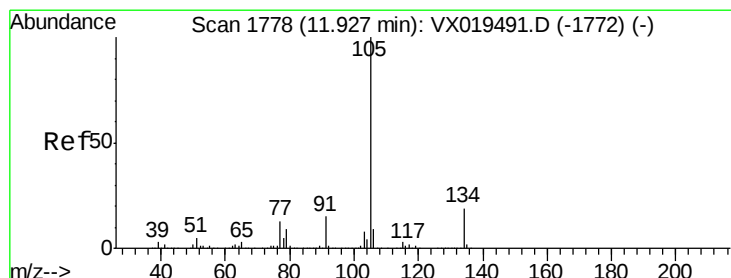
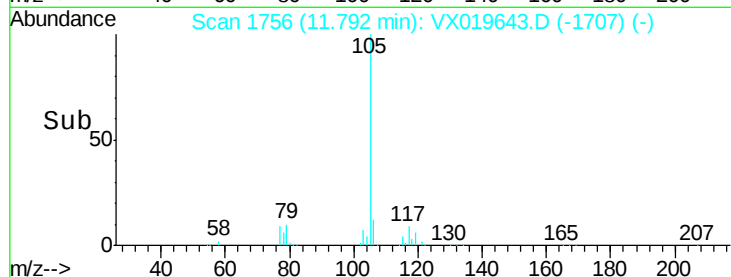
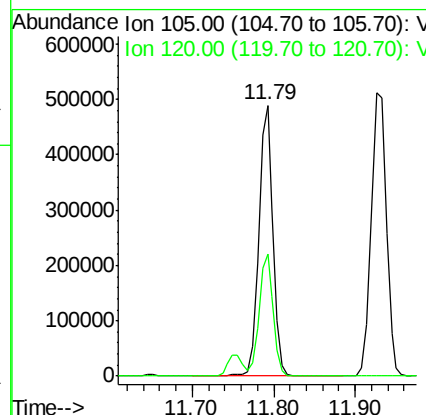
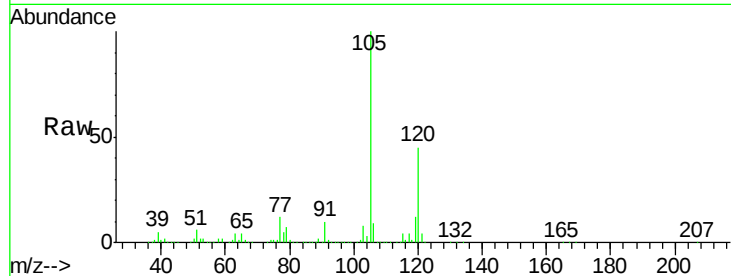
#84
 1,2,4-Trimethylbenzene
 Concen: 52.905 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.2	66.6

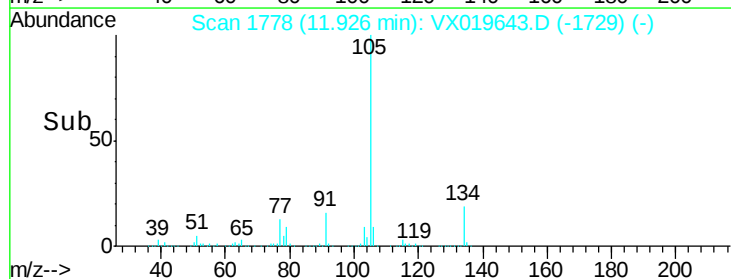
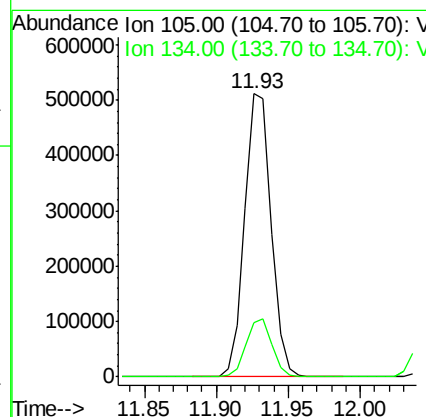
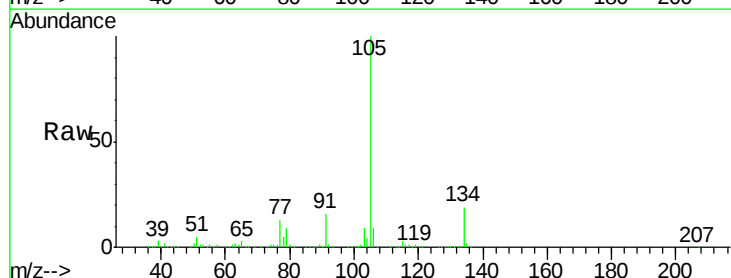
Manual Integrations
 APPROVED

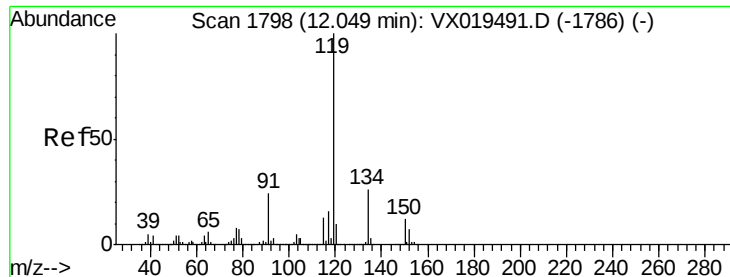
MMDadoda
 11/25/2020 9:55:00 AM



#85
 sec-Butylbenzene
 Concen: 50.798 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.3





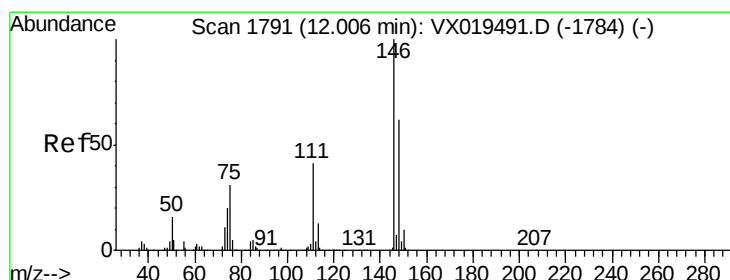
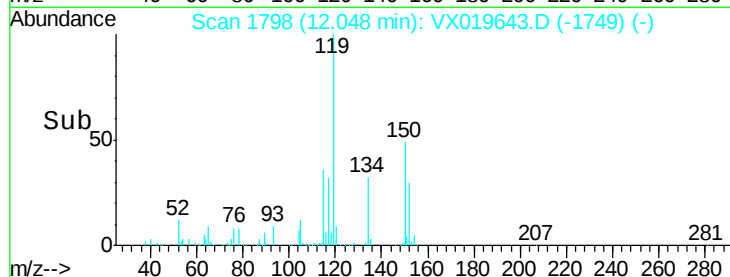
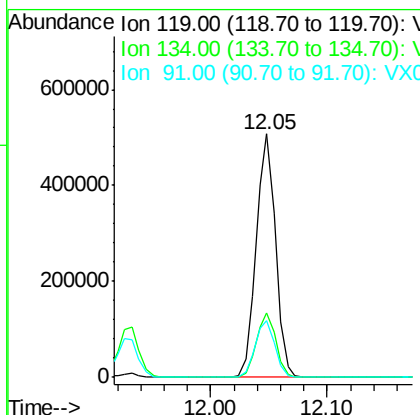
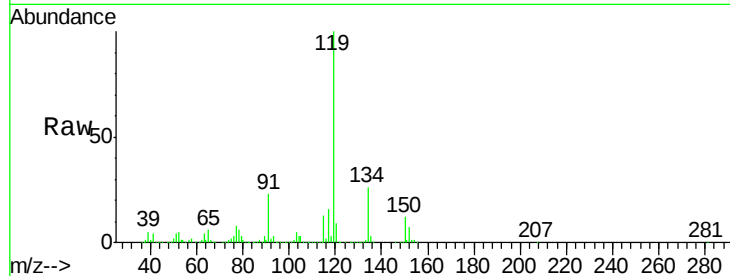
#86
 p-Isopropyltoluene
 Concen: 50.454 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	587992		
134	26.6		13.1	39.3
91	23.9		11.8	35.4

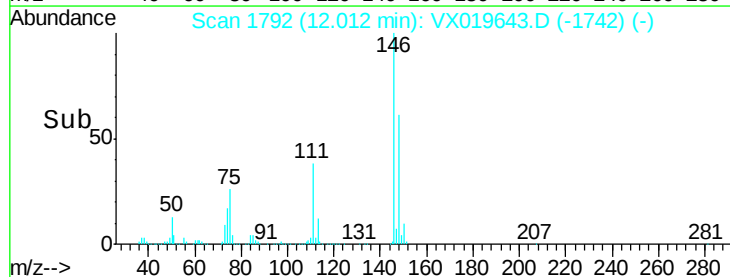
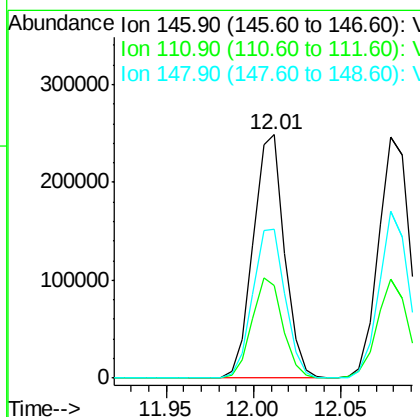
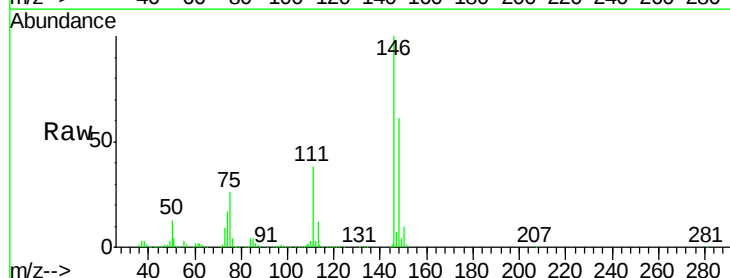
Manual Integrations
 APPROVED

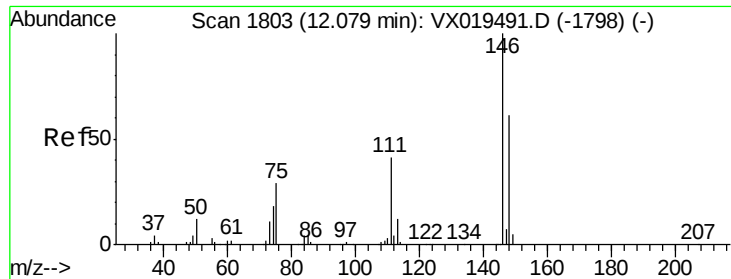
MMDadoda
 11/25/2020 9:55:00 AM



#87
 1,3-Dichlorobenzene
 Concen: 49.770 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	310213		
111	40.5		20.2	60.6
148	63.7		31.4	94.2





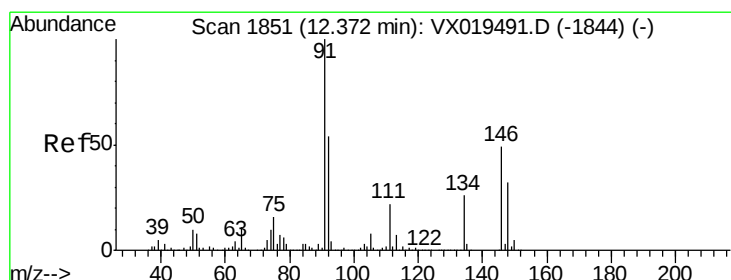
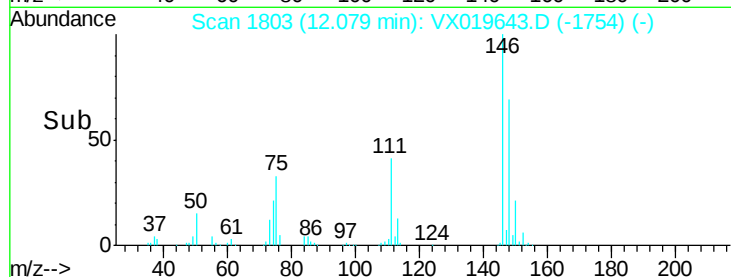
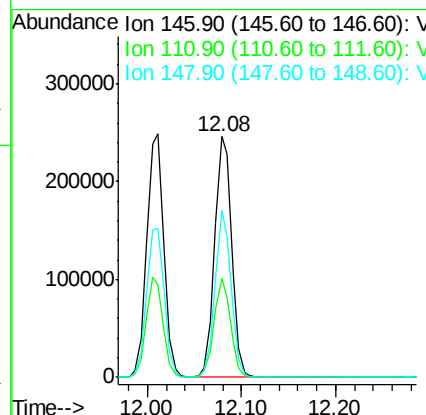
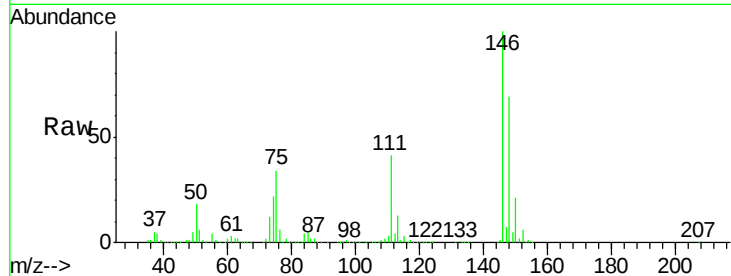
#88
 1,4-Dichlorobenzene
 Concen: 47.852 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.6
148	65.5	31.7	95.1

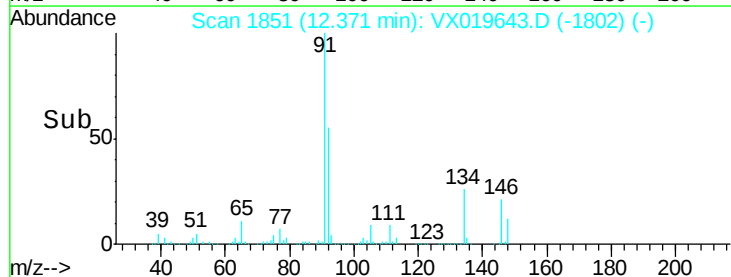
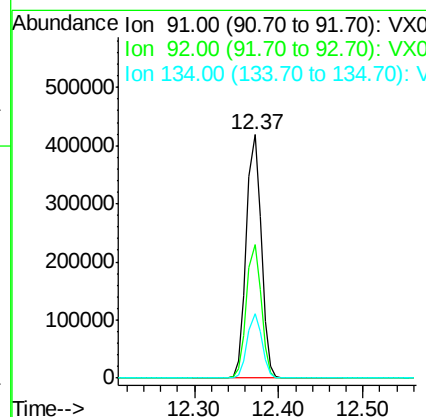
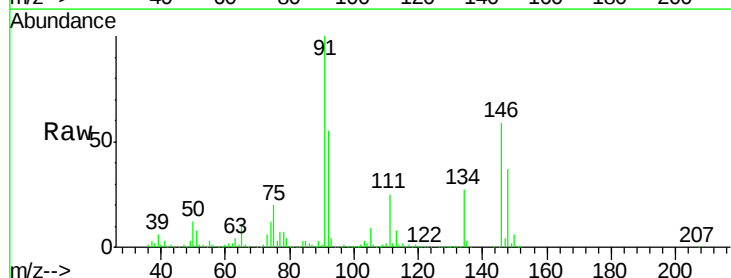
Manual Integrations
 APPROVED

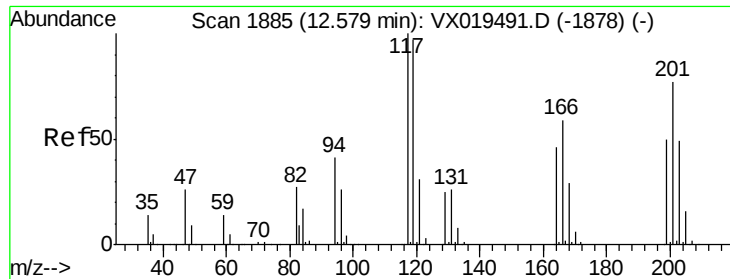
MMDadoda
 11/25/2020 9:55:00 AM



#89
 n-Butylbenzene
 Concen: 46.567 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.6
134	26.0	12.9	38.6





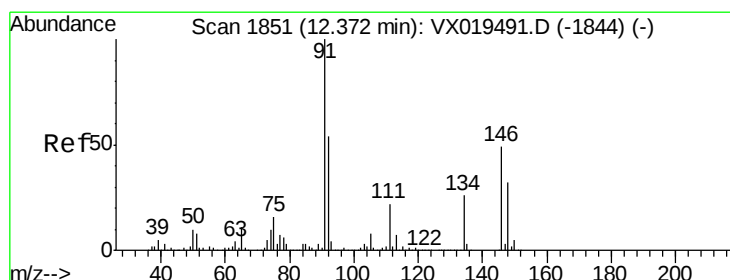
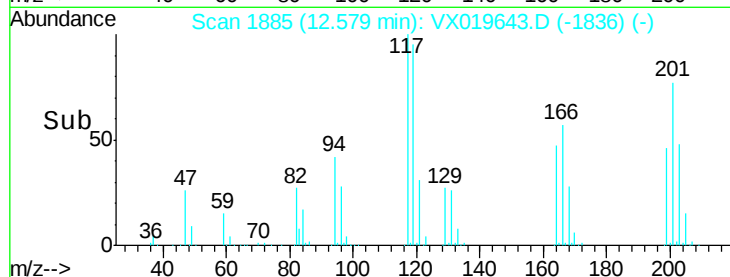
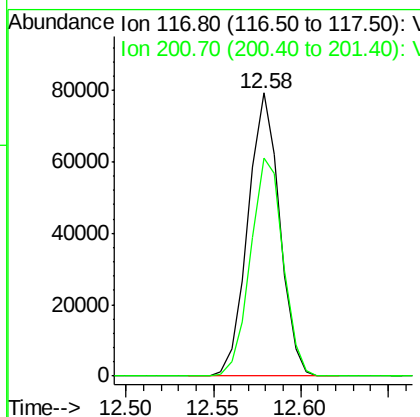
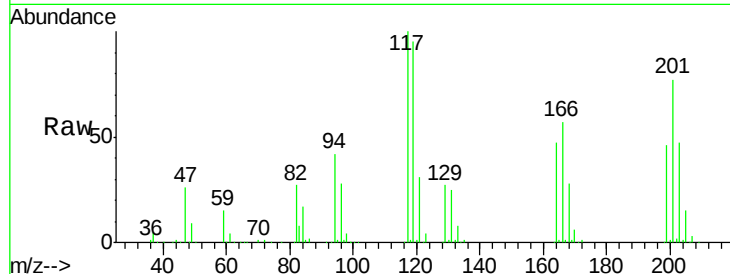
#90
Hexachloroethane
Concen: 51.187 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion:117 Resp: 99821
Ion Ratio Lower Upper
117 100
201 79.4 39.4 118.2

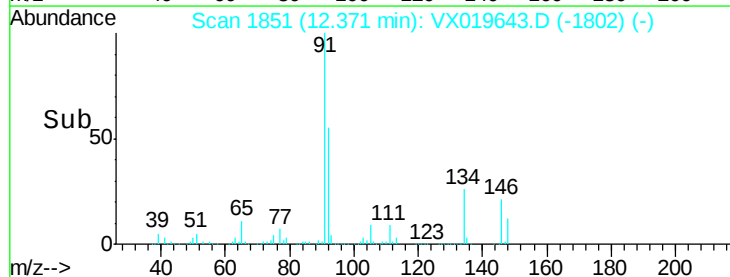
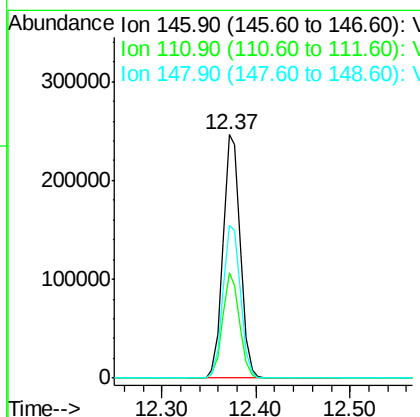
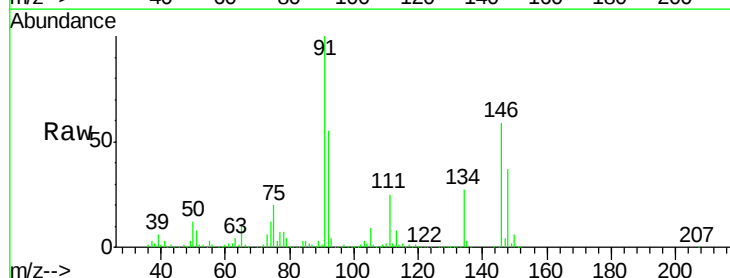
Manual Integrations
APPROVED

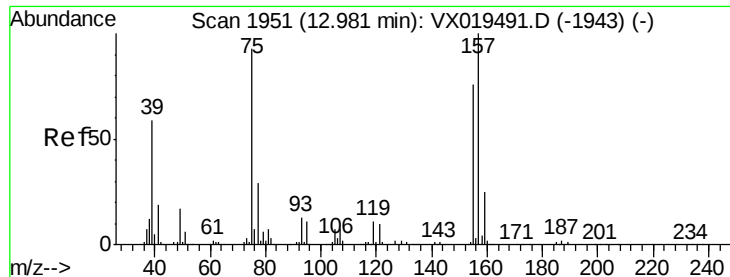
MMDadoda
11/25/2020 9:55:00 AM



#91
1,2-Dichlorobenzene
Concen: 49.679 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion:146 Resp: 310996
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.3
148 63.8 32.4 97.0





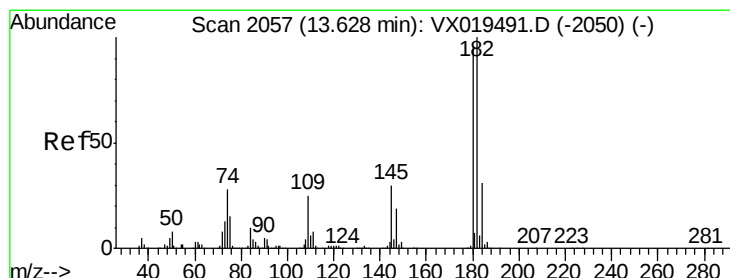
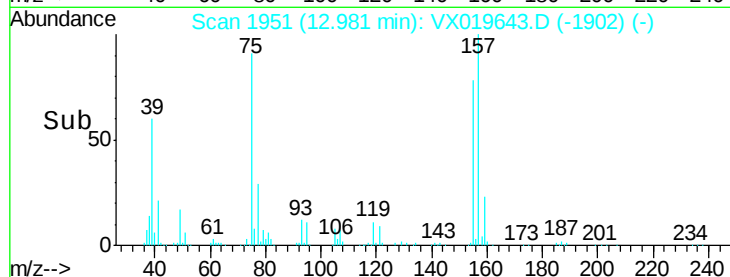
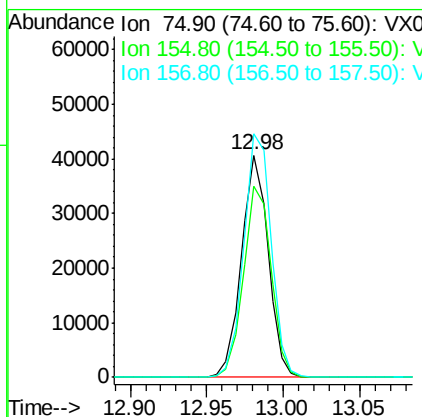
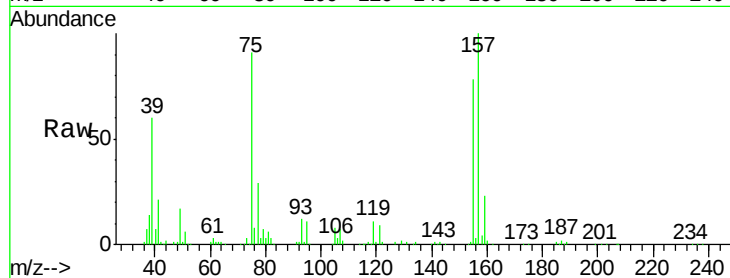
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.978 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	89.1	43.6	130.9
157	112.2	57.0	170.8

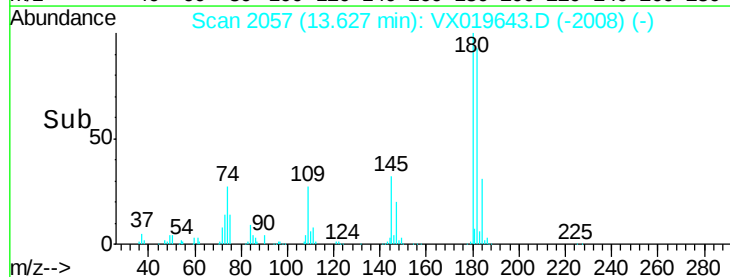
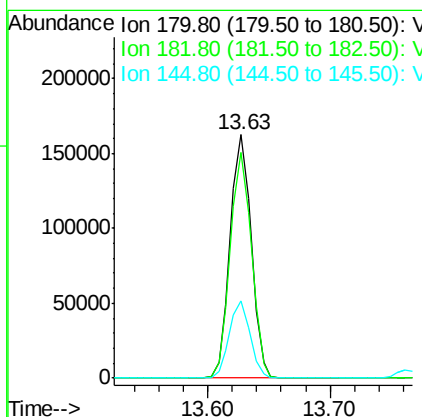
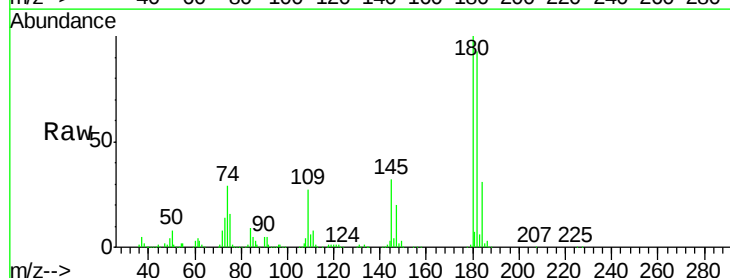
Manual Integrations
 APPROVED

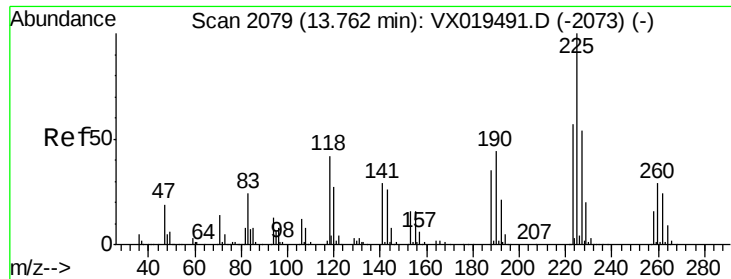
MMDadoda
 11/25/2020 9:55:00 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.028 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.6	145.9
145	31.3	15.9	47.7





#94

Hexachlorobutadiene

Concen: 42.582 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

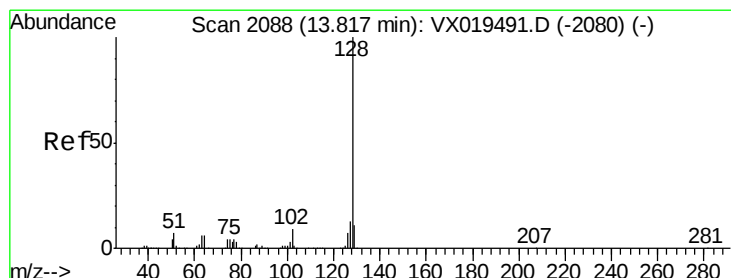
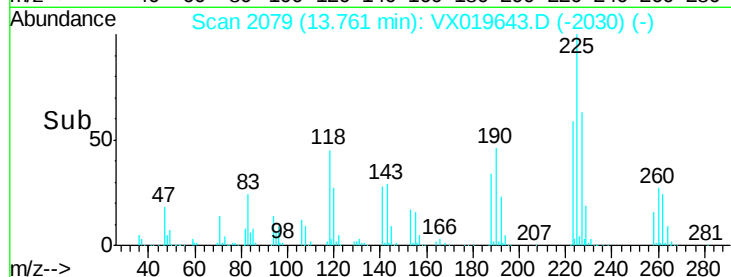
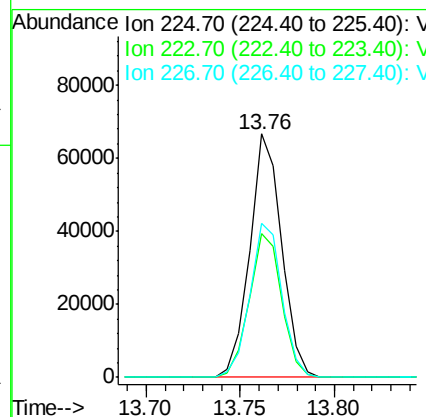
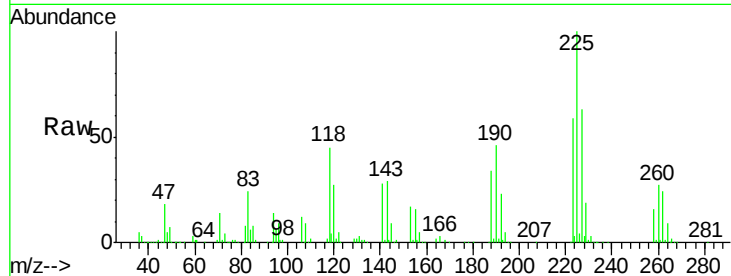
ClientSampleId :

GR-OF-20201119MS

Tot Ion:	225	Resp:	77962
Ion Ratio	Lower	Upper	
225	100		
223	60.2	32.5	97.5
227	63.5	32.8	98.3

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11/25/2020 9:55:00 AM



#95

Naphthalene

Concen: 47.783 ug/l

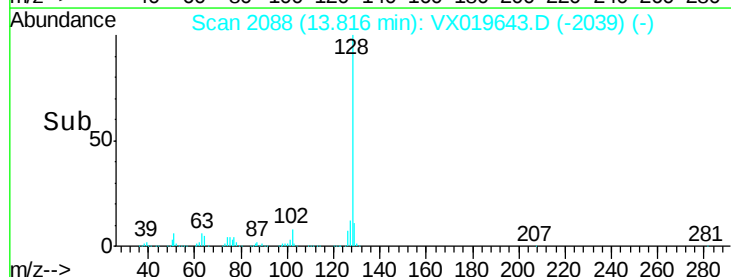
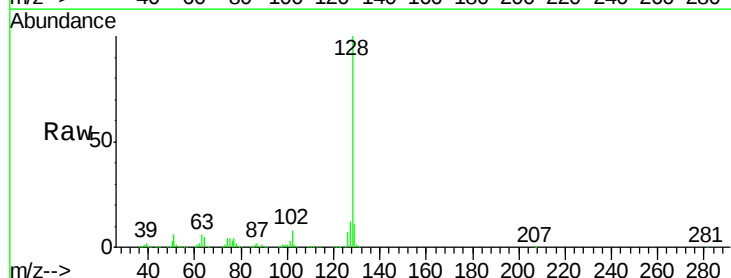
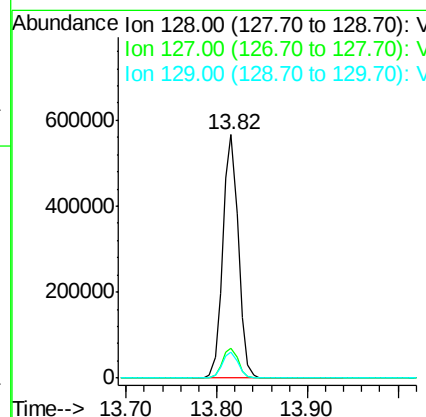
RT: 13.82 min Scan# 2088

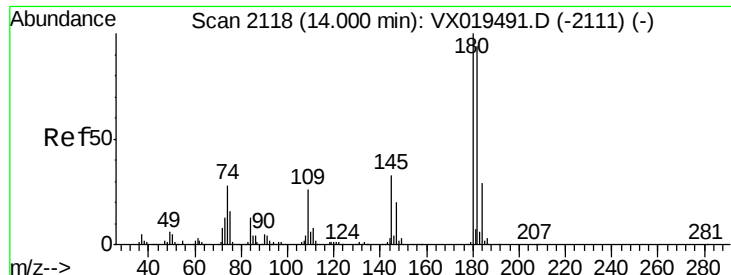
Delta R.T. 0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Tgt Ion:	128	Resp:	675912
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 50.486 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	202960		
182	94.9	48.1	144.3	
145	31.5	16.6	49.8	

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:55:00 AM

