

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX083120\
 Data File : VX018158.D
 Acq On : 31 Aug 2020 19:19
 Operator : JC/SP
 Sample : L3831-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:35 AM

Quant Time: Sep 01 06:48:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	428883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	669567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	671130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	360702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	319065	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
35) Dibromofluoromethane	5.46	113	252676	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	8.70	98	891119	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.12	95	368497	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	265870	50.916	ug/l	95
3) Chloromethane	1.31	50	264343	48.017	ug/l	96
4) Vinyl Chloride	1.39	62	253185	46.200	ug/l	96
5) Bromomethane	1.62	94	156824	59.329	ug/l	95
6) Chloroethane	1.70	64	151407	51.440	ug/l	95
7) Trichlorofluoromethane	1.91	101	423821	56.717	ug/l	98
8) Diethyl Ether	2.17	74	130968	51.681	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	212047	52.489	ug/l	98
10) Methyl Iodide	2.49	142	221880	51.193	ug/l	98
11) Tert butyl alcohol	3.02	59	280422	242.229	ug/l	100
12) 1,1-Dichloroethene	2.35	96	211005	50.344	ug/l	97
13) Acrolein	2.28	56	147679	307.651	ug/l	98
14) Allyl chloride	2.70	41	377385	50.117	ug/l	97
15) Acrylonitrile	3.12	53	648470	246.938	ug/l	99
16) Acetone	2.42	43	577745	249.024	ug/l	95
17) Carbon Disulfide	2.54	76	587334	46.355	ug/l	100
18) Methyl Acetate	2.75	43	285456	50.988	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	764494	53.186	ug/l	100
20) Methylene Chloride	2.83	84	238243	50.228	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	232120	49.988	ug/l	97
22) Diisopropyl ether	3.83	45	763075	51.344	ug/l	96
23) Vinyl Acetate	3.79	43	3271666	247.394	ug/l	100
24) 1,1-Dichloroethane	3.67	63	429243	50.737	ug/l	99
25) 2-Butanone	4.64	43	910944	238.911	ug/l	99
26) 2,2-Dichloropropane	4.55	77	332810	48.348	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	263496	49.250	ug/l	98
28) Bromochloromethane	4.98	49	204770	50.143	ug/l	98
29) Tetrahydrofuran	5.09	42	581646	239.635	ug/l	97
30) Chloroform	5.18	83	453840	51.807	ug/l	93
31) Cyclohexane	5.55	56	350464	49.177	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	426111	53.005	ug/l	100
36) 1,1-Dichloropropene	5.77	75	324635	52.566	ug/l	99
37) Ethyl Acetate	4.79	43	340084	47.413	ug/l	100
38) Carbon Tetrachloride	5.76	117	395356	56.806	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	344959	51.082	ug/l	98
40) Benzene	6.11	78	935206	51.536	ug/l	98
41) Methacrylonitrile	5.00	41	198590	50.425	ug/l	98
42) 1,2-Dichloroethane	6.17	62	379008	54.513	ug/l	98
43) Isopropyl Acetate	6.42	43	569287	49.139	ug/l	99
44) Trichloroethene	7.19	130	274029	53.443	ug/l	99
45) 1,2-Dichloropropane	7.49	63	256026	52.348	ug/l	96
46) Dibromomethane	7.64	93	176684	51.372	ug/l	98
47) Bromodichloromethane	7.88	83	376825	54.873	ug/l	99
48) Methyl methacrylate	7.74	41	289495	50.196	ug/l	97
49) 1,4-Dioxane	7.72	88	104909	1004.213	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1824046	254.885	ug/l	99
52) Toluene	8.76	92	602870	52.393	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	395002	51.899	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	400944	49.729	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	255269	52.016	ug/l	99
56) Ethyl methacrylate	9.16	69	382034	52.365	ug/l	99
57) 1,3-Dichloropropane	9.35	76	417290	51.553	ug/l	99
59) 2-Hexanone	9.48	43	1429543	262.707	ug/l	100
60) Dibromochloromethane	9.57	129	314983	54.713	ug/l	99
61) 1,2-Dibromoethane	9.65	107	285586	53.601	ug/l	96
64) Tetrachloroethene	9.32	164	246980	50.078	ug/l	92
65) Chlorobenzene	10.12	112	675075	50.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	276125	52.267	ug/l	99
67) Ethyl Benzene	10.23	91	1188495	52.139	ug/l	97
68) m/p-Xylenes	10.34	106	903514	106.195	ug/l	98
69) o-Xylene	10.68	106	434623	52.697	ug/l	99
70) Stvrene	10.70	104	747136	53.194	ug/l	98
71) Bromoform	10.84	173	242478	53.811	ug/l #	97
73) Isopropylbenzene	11.00	105	1177037	49.471	ug/l	99
74) N-amyl acetate	10.88	43	518829	45.960	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	380915	45.384	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	367521m	45.803	ug/l	
77) Bromobenzene	11.24	156	317445	48.268	ug/l	97
78) n-propylbenzene	11.34	91	1355610	50.180	ug/l	99
79) 2-Chlorotoluene	11.40	91	826234	49.503	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1023130	52.330	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	133467	44.924	ug/l	96
82) 4-Chlorotoluene	11.49	91	975728	49.176	ug/l	99
83) tert-Butylbenzene	11.76	119	1001396	51.900	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1054199	52.739	ug/l	99
85) sec-Butylbenzene	11.93	105	1142476	52.068	ug/l	99
86) p-Isopropyltoluene	12.05	119	1062868	52.735	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	560585	48.549	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	558183	48.280	ug/l	98
89) n-Butylbenzene	12.37	91	906221	49.262	ug/l	99
90) Hexachloroethane	12.58	117	214620	54.123	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	542381	49.901	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	99683	47.500	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	350705	48.387	ug/l	99

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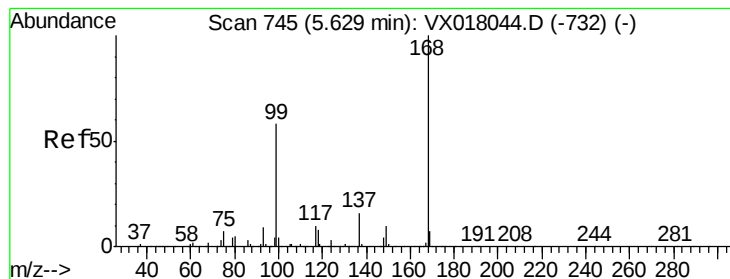
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	126527	44.259	ug/l	91
95) Naphthalene	13.82	128	1170516	49.072	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	346175	48.337	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion:168 Resp: 428883

Ion Ratio Lower Upper

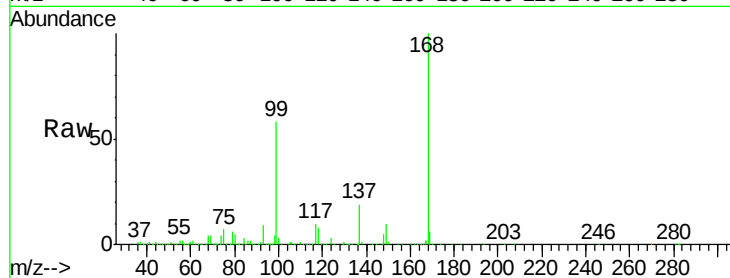
168 100

99 58.0 46.3 69.5

Manual Integrations
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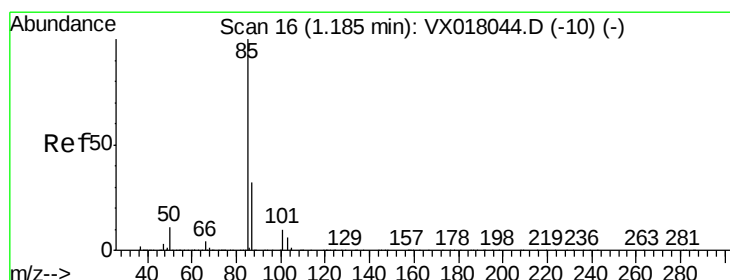
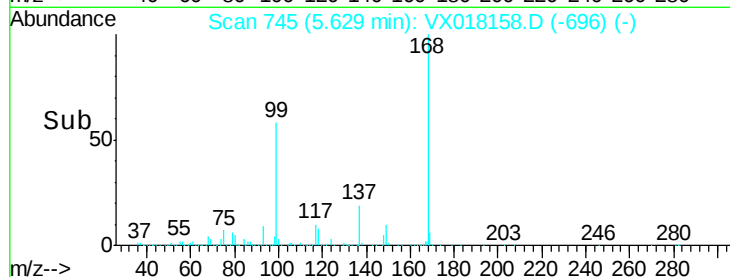
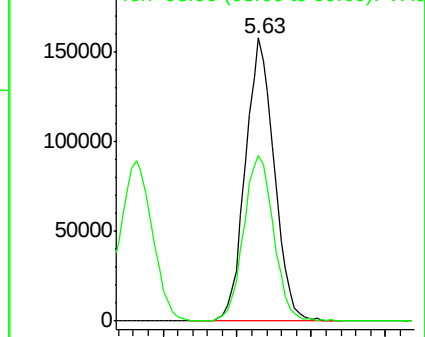
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.916 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018158.D

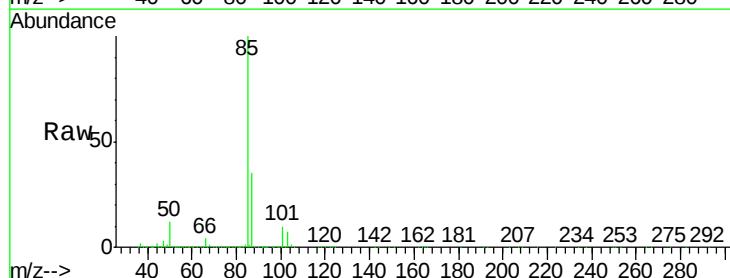
Acq: 31 Aug 2020 19:19

Tgt Ion: 85 Resp: 265870

Ion Ratio Lower Upper

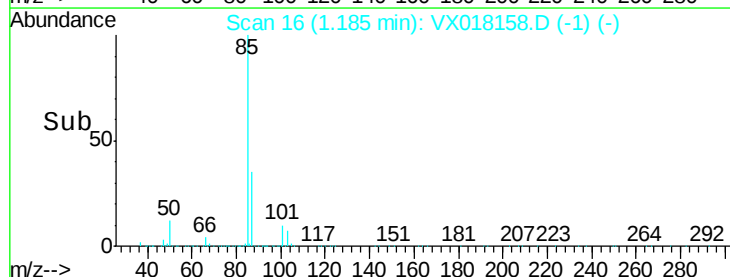
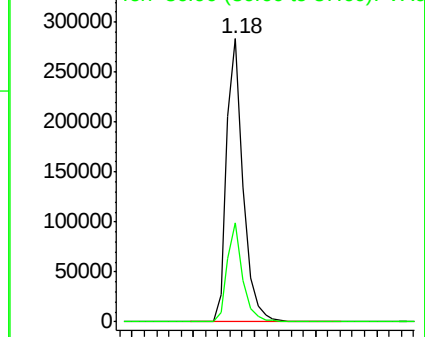
85 100

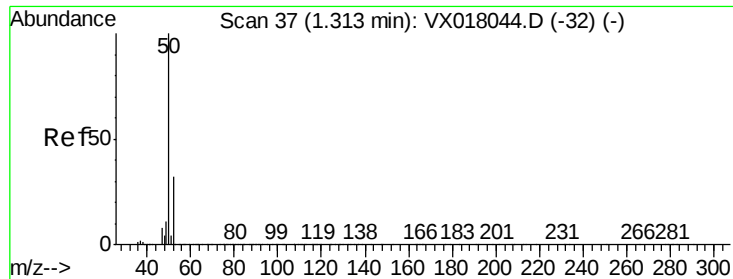
87 34.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





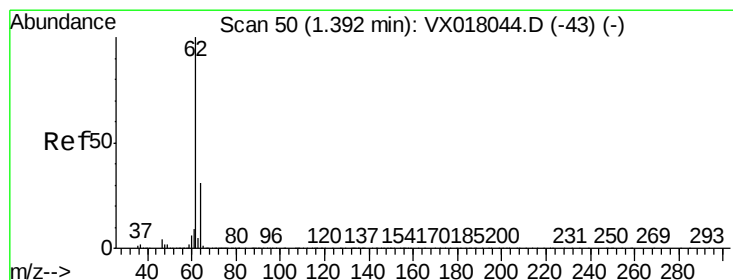
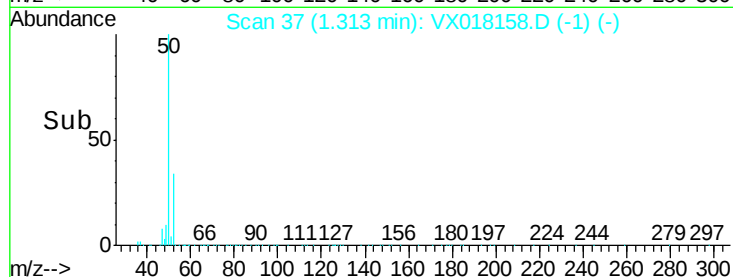
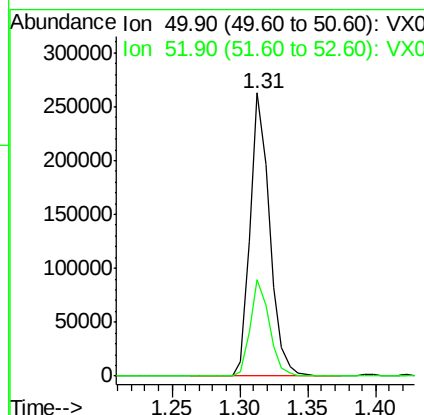
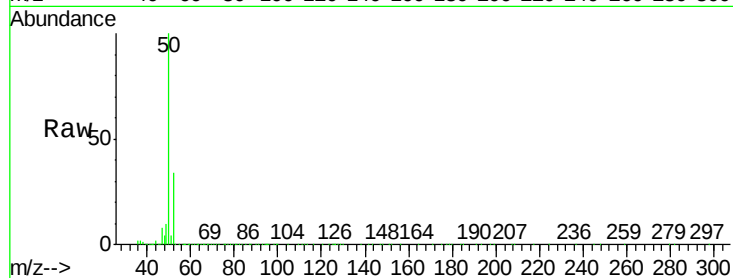
#3
Chloromethane
Concen: 48.017 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
50	100		
52	34.1	25.4	38.2

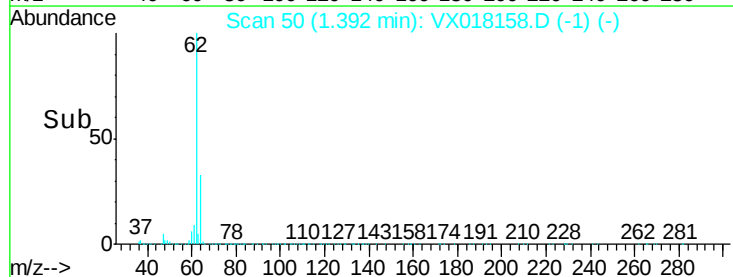
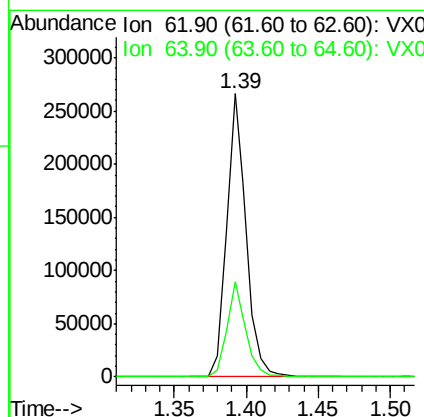
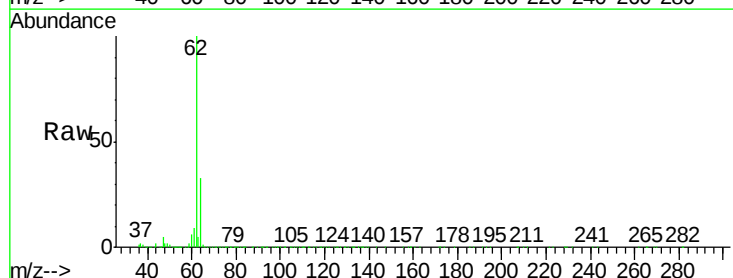
Manual Integrations
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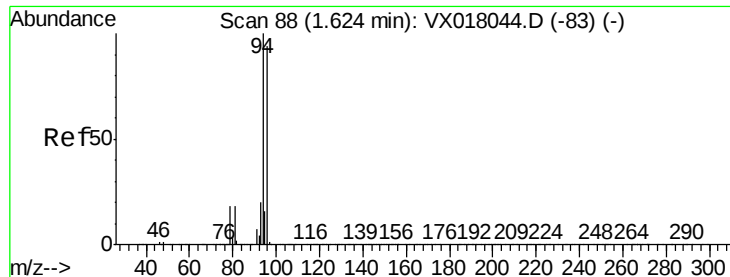
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#4
Vinyl Chloride
Concen: 46.200 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.1	37.7





#5

Bromomethane

Concen: 59.329 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion: 94 Resp: 156824

Ion Ratio Lower Upper

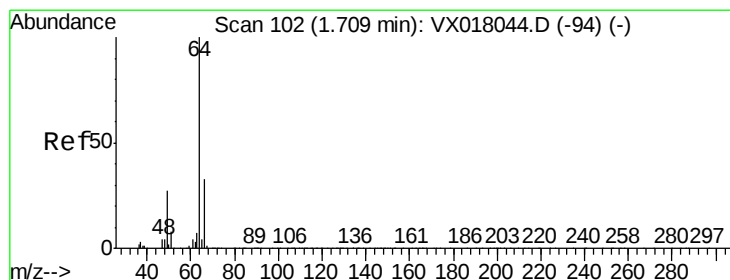
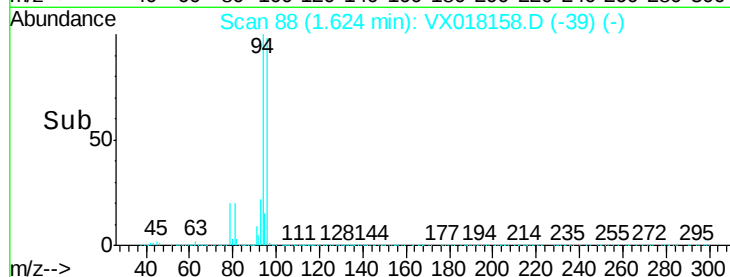
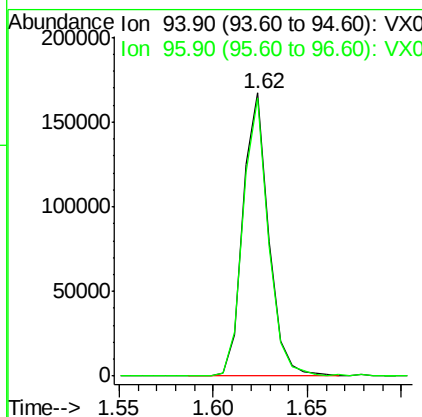
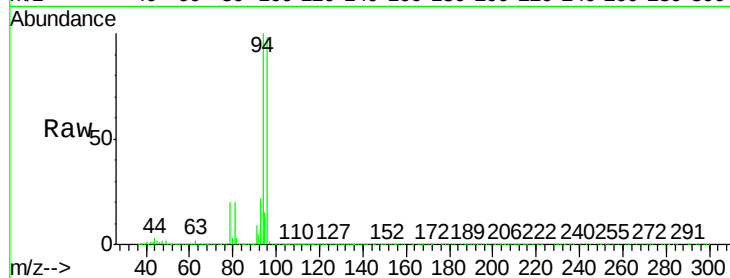
94 100

96 98.5 74.8 112.2

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 51.440 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018158.D

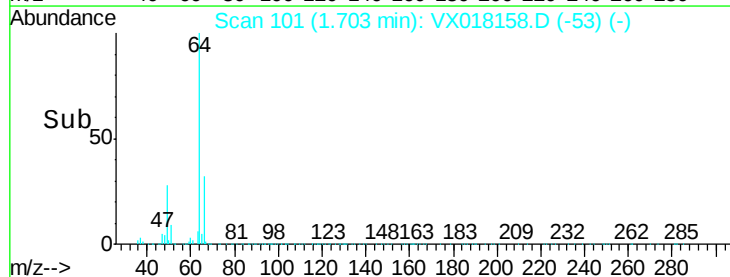
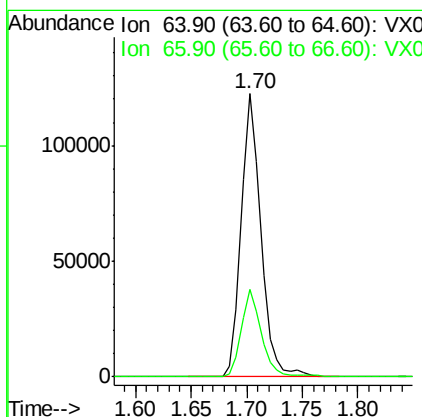
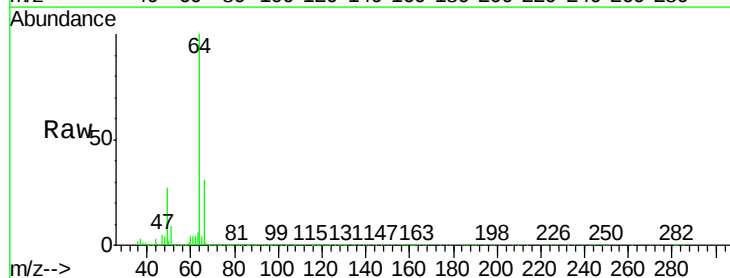
Acq: 31 Aug 2020 19:19

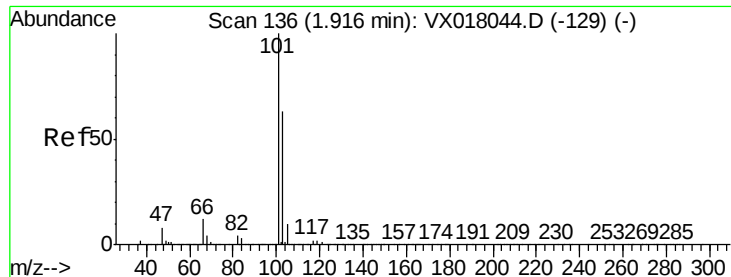
Tgt Ion: 64 Resp: 151407

Ion Ratio Lower Upper

64 100

66 30.6 26.6 39.8





#7

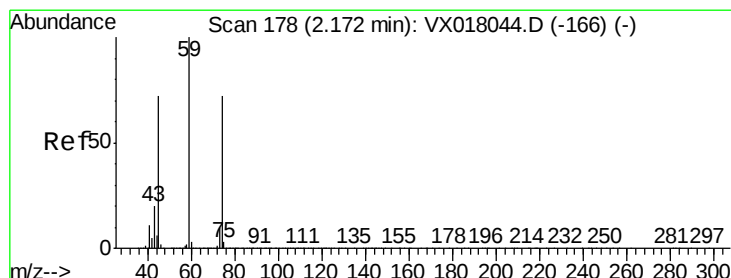
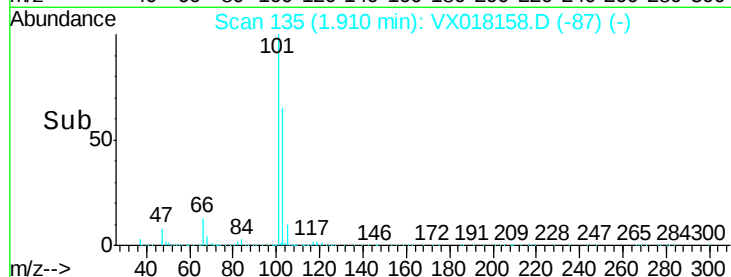
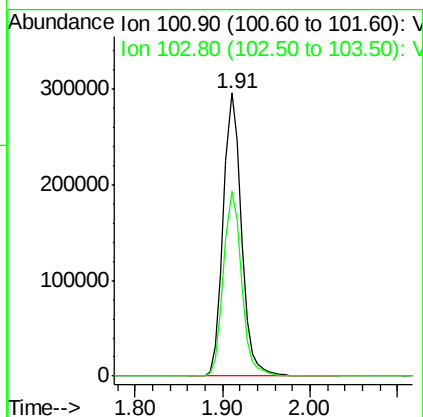
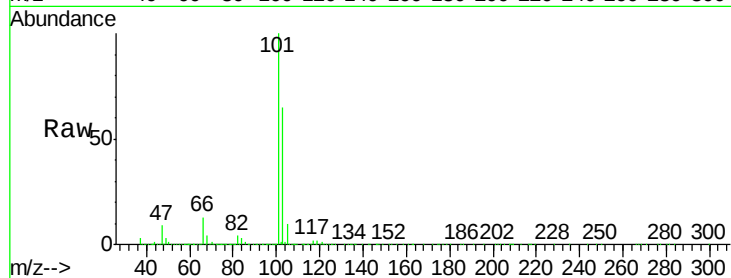
Trichlorofluoromethane
Concen: 56.717 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.7	76.1

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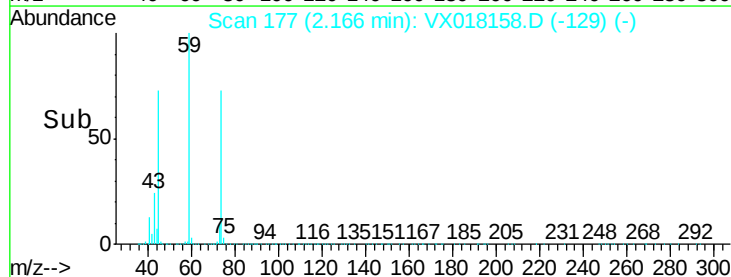
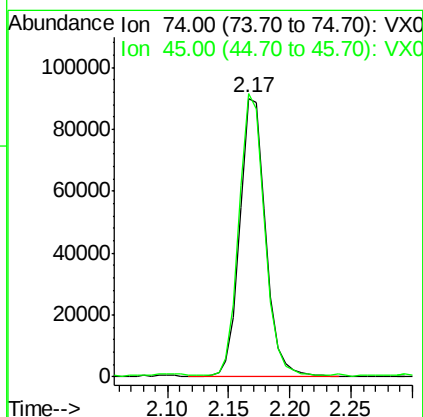
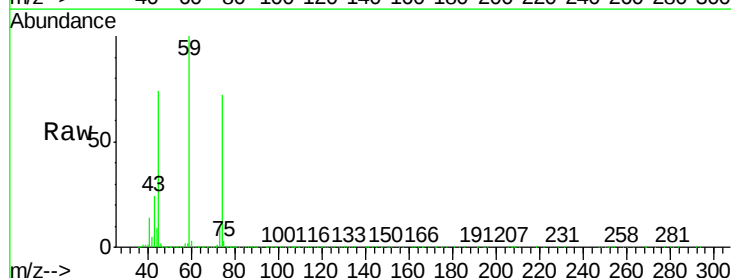
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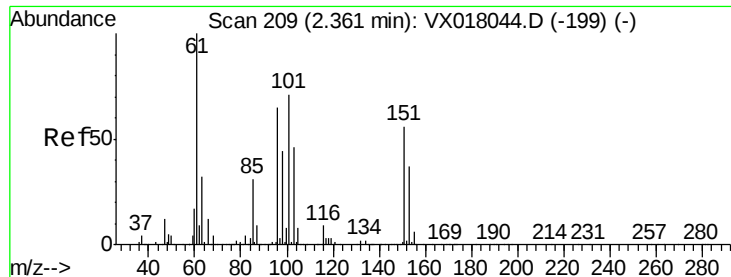


#8

Diethyl Ether
Concen: 51.681 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.3	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.489 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

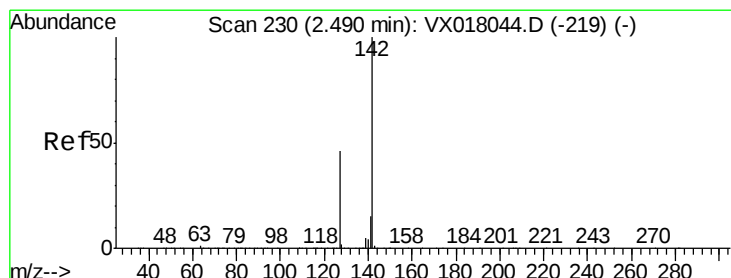
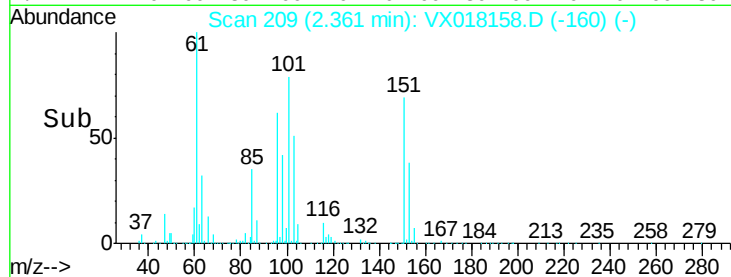
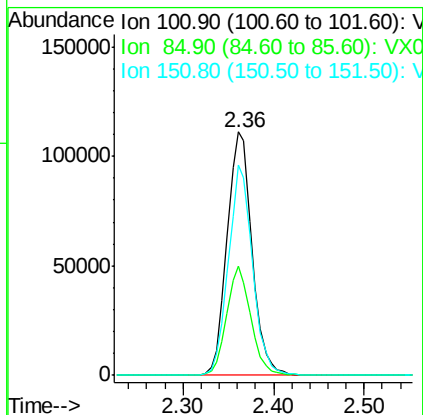
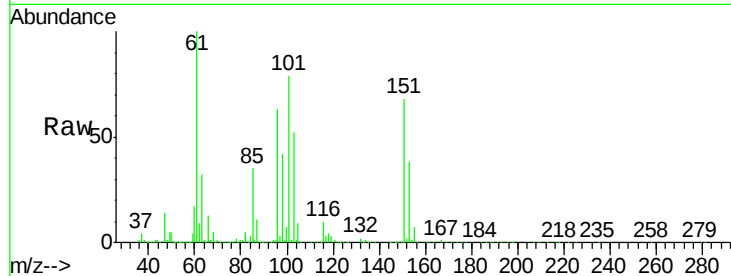
ClientSampleId :

GR-OF-20200827MS

Tot Ion:	101	Resp:	212047
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.0	51.0
151	83.6	65.2	97.8

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#10

Methyl Iodide

Concen: 51.193 ug/l

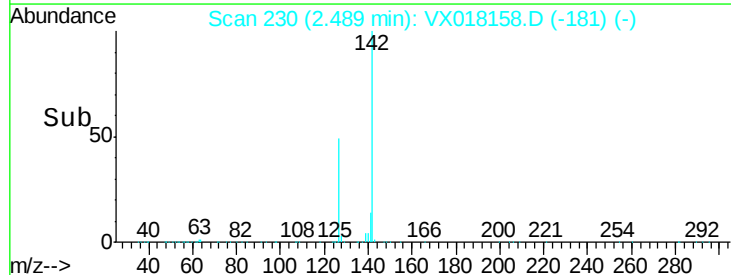
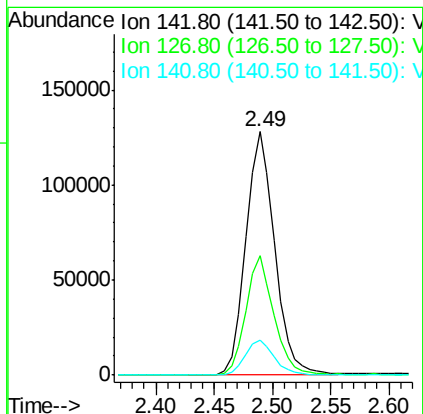
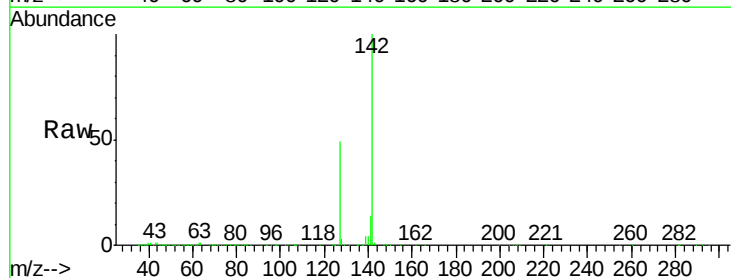
RT: 2.49 min Scan# 230

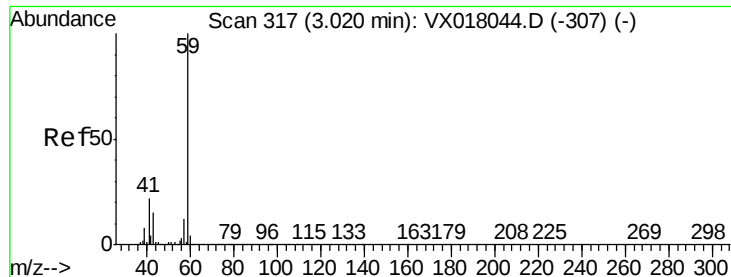
Delta R.T. 0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion:	142	Resp:	221880
Ion Ratio	Lower	Upper	
142	100		
127	47.7	37.0	55.6
141	14.5	11.5	17.3





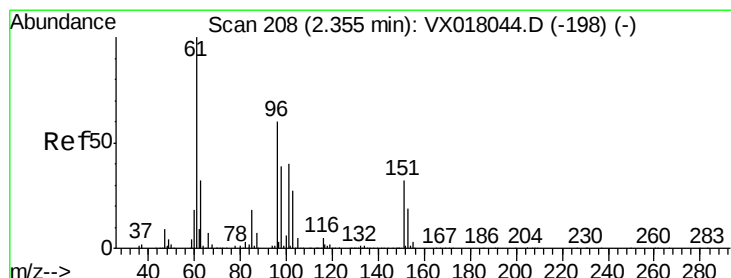
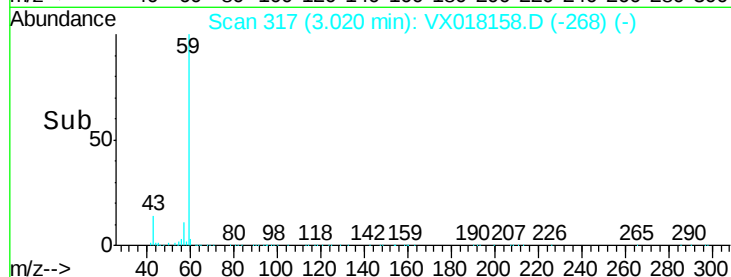
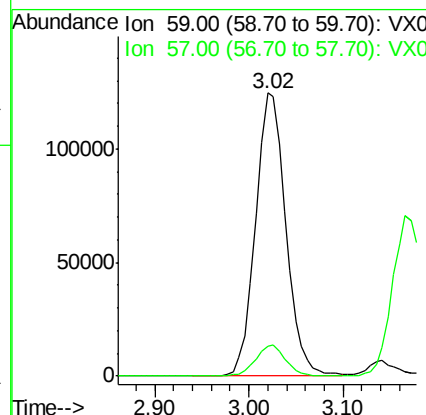
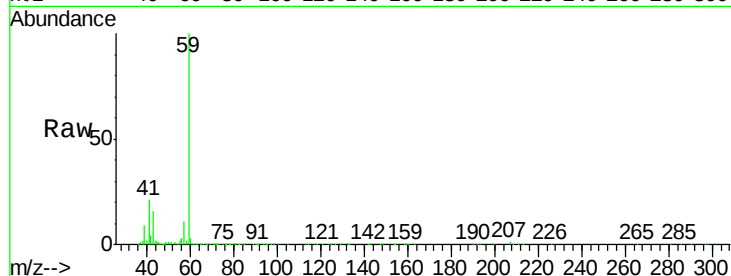
#11
Tert butyl alcohol
Concen: 242.229 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	280422		
57	57	11.2		8.9	13.3

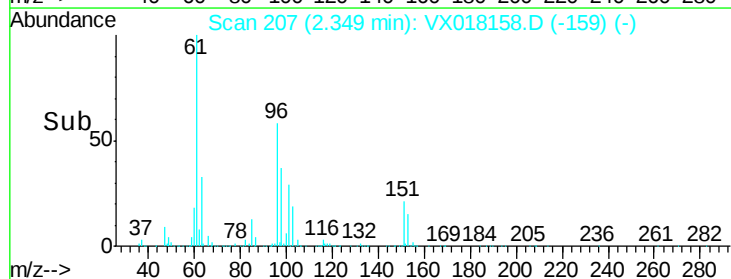
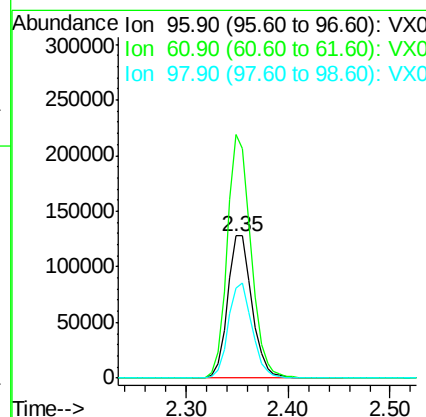
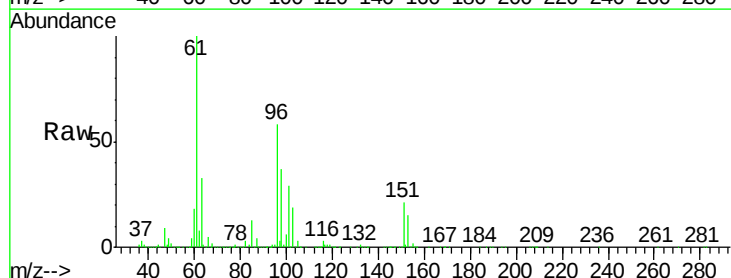
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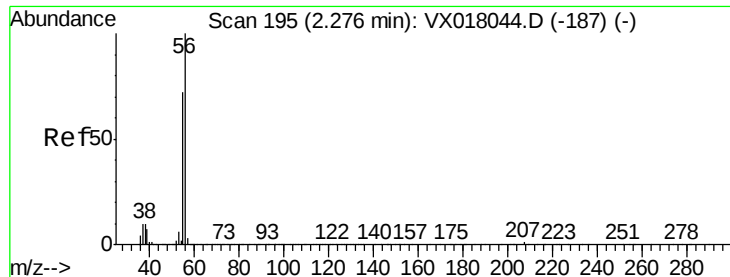
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#12
1,1-Dichloroethene
Concen: 50.344 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	211005		
61	61	171.0		133.0	199.4
98	98	63.0		51.6	77.4





#13

Acrolein

Concen: 307.651 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion: 56 Resp: 147679

Ion Ratio Lower Upper

56 100

55 73.3

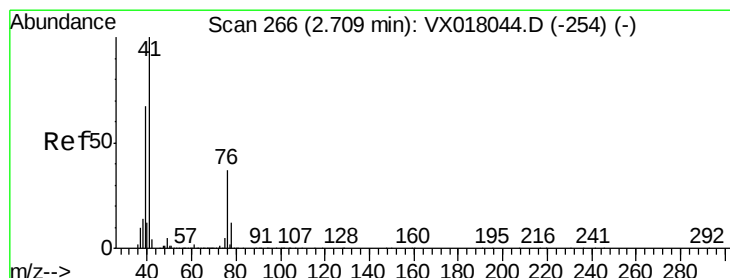
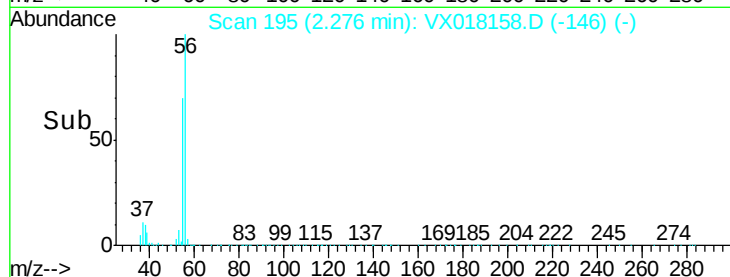
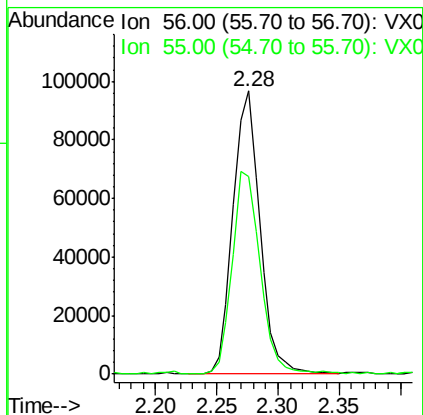
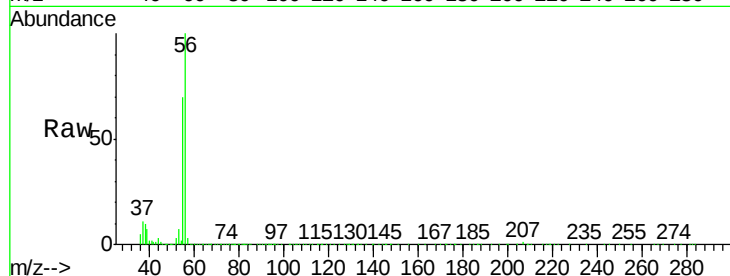
57.0

85.6

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#14

Allyl chloride

Concen: 50.117 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion: 41 Resp: 377385

Ion Ratio Lower Upper

41 100

39 66.6

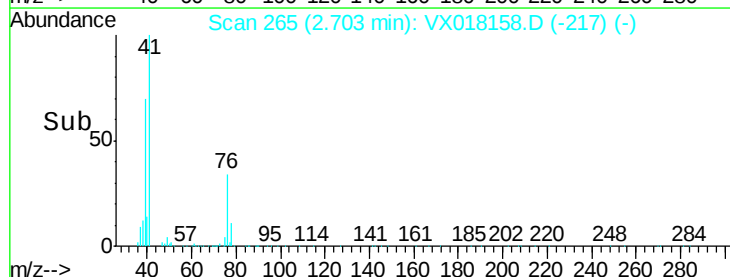
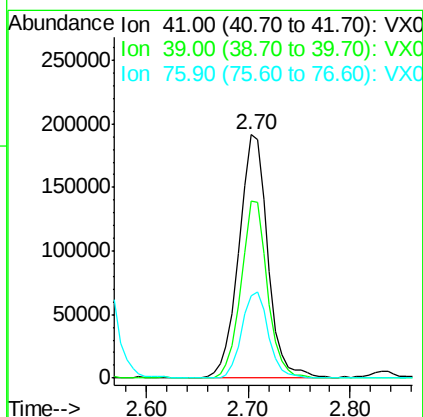
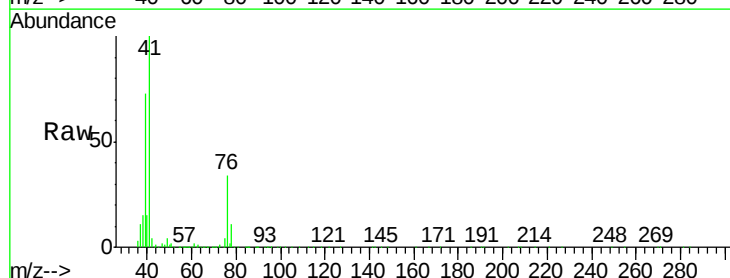
50.6

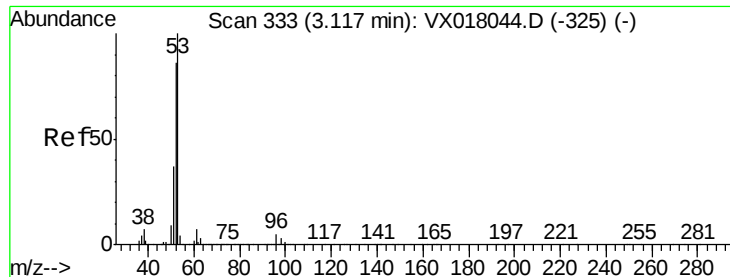
76.0

76 32.6

26.2

39.2





#15

Acrylonitrile

Concen: 246.938 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

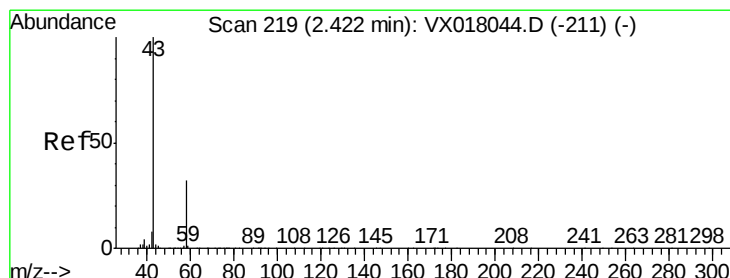
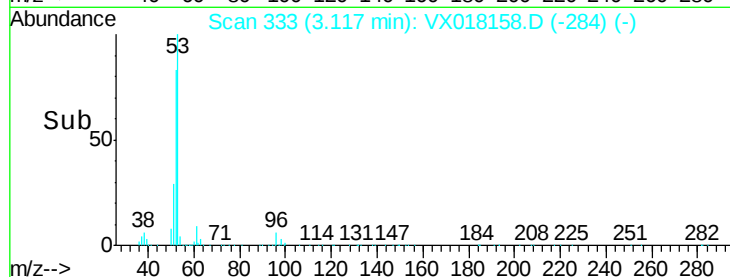
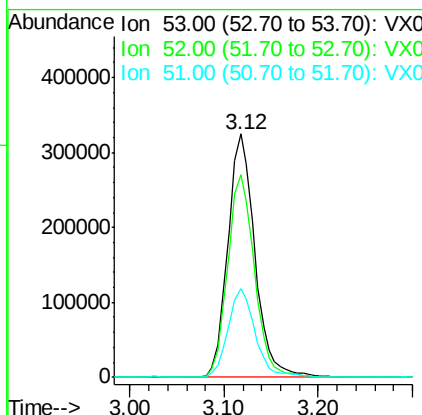
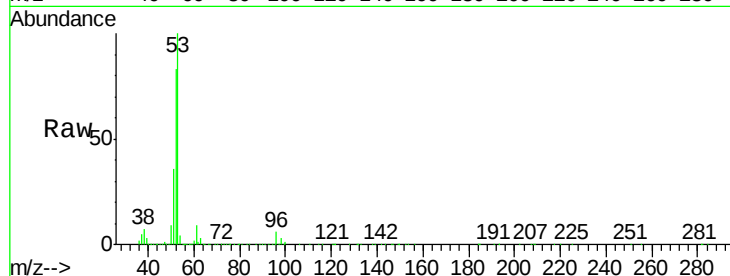
ClientSampleId :

GR-OF-20200827MS

Tot Ion:	53	Resp:	648470
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.9	100.3
51	36.8	28.7	43.1

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#16

Acetone

Concen: 249.024 ug/l

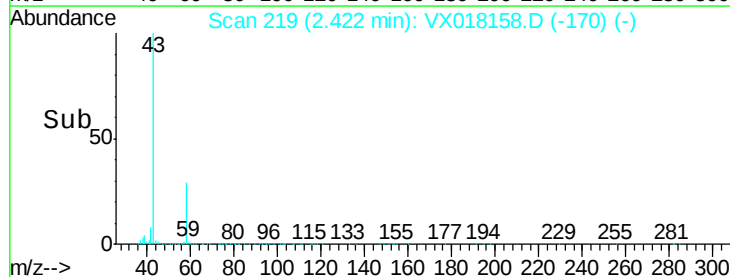
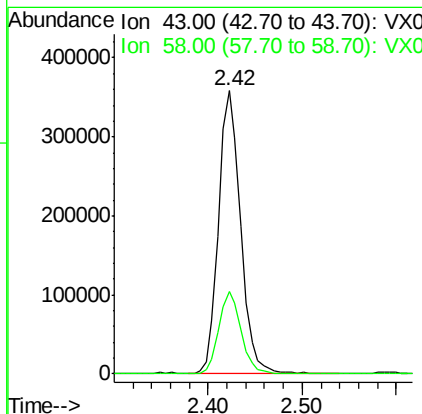
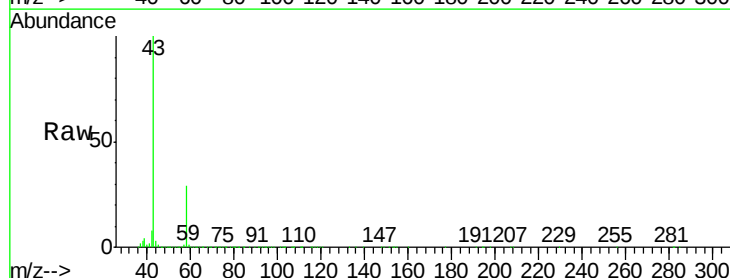
RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion:	43	Resp:	577745
Ion Ratio	Lower	Upper	
43	100		
58	28.9	25.5	38.3





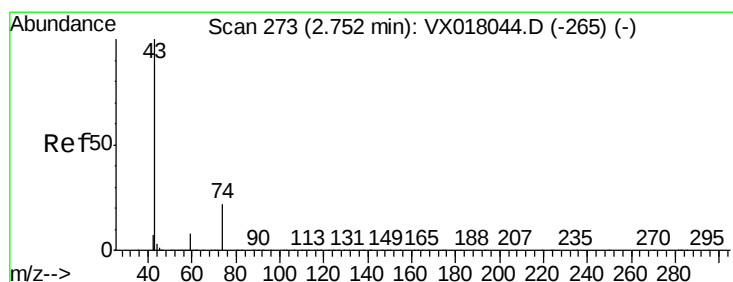
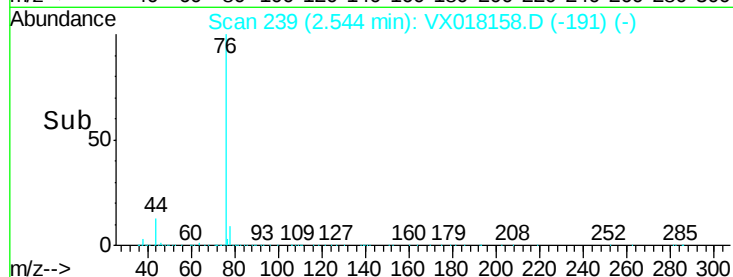
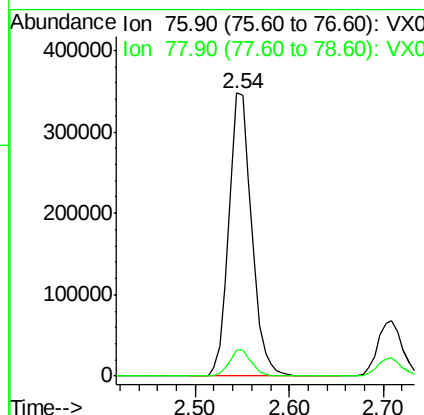
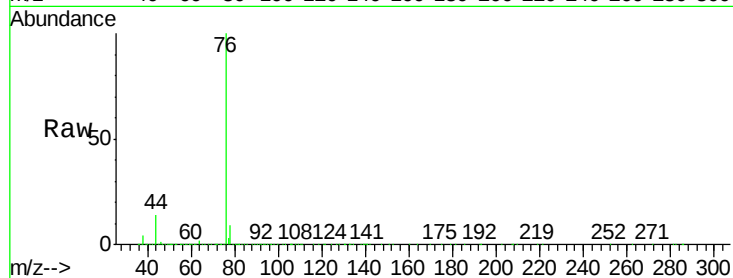
#17
Carbon Disulfide
Concen: 46.355 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

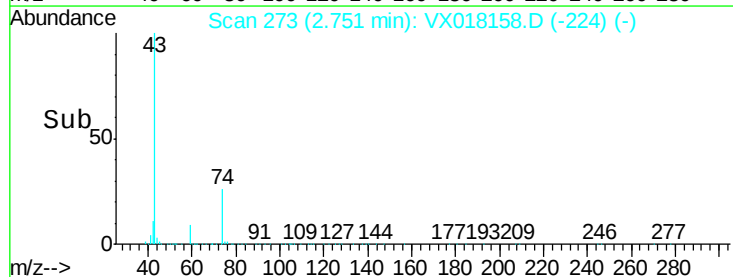
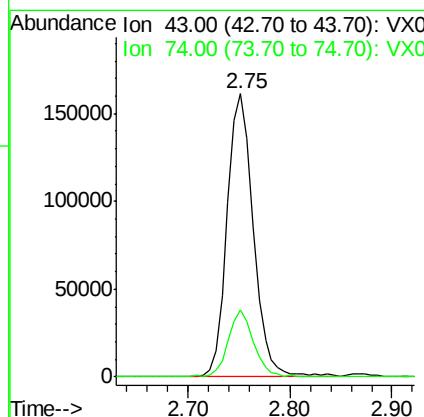
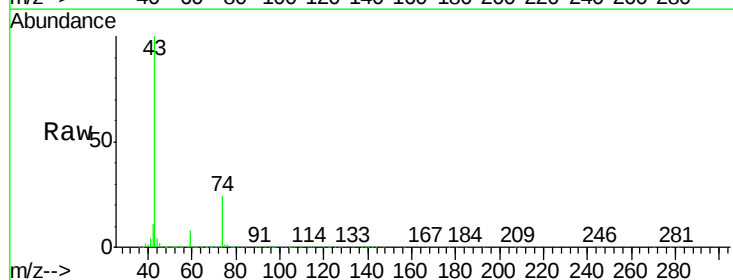
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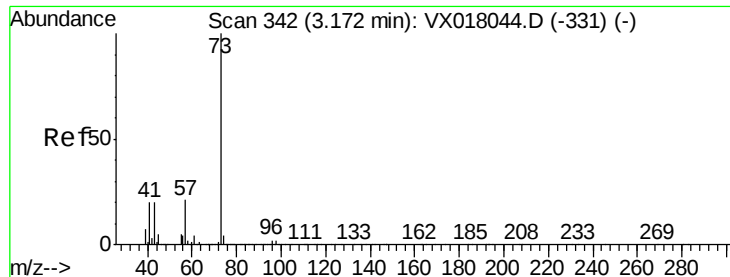
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#18
Methyl Acetate
Concen: 50.988 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.2	27.4





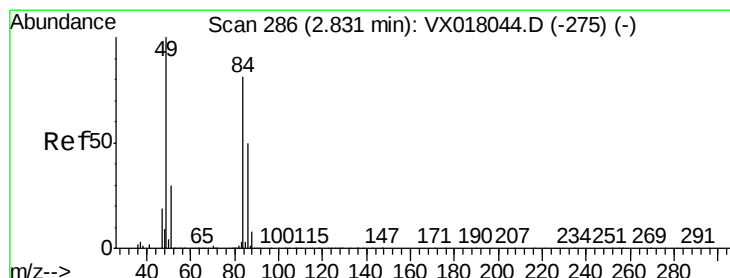
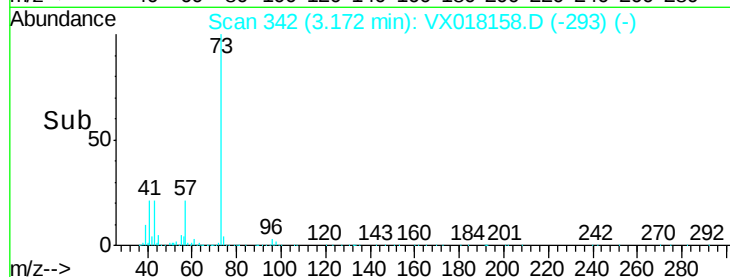
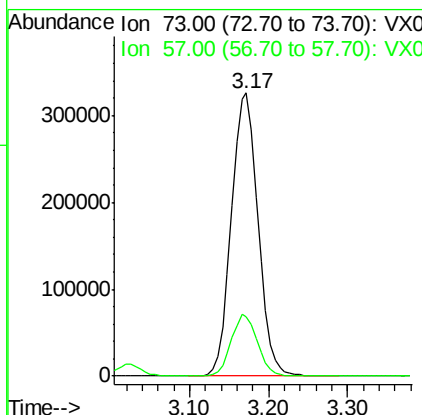
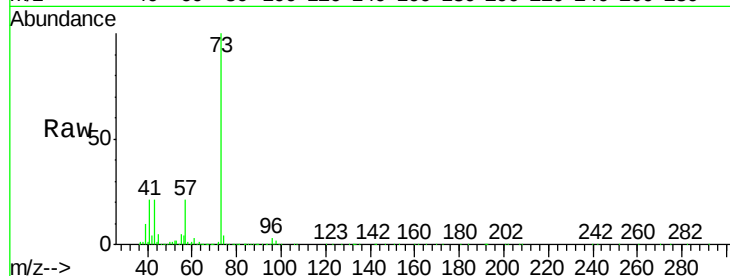
#19
Methyl tert-butyl Ether
Concen: 53.186 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	16.8	25.2

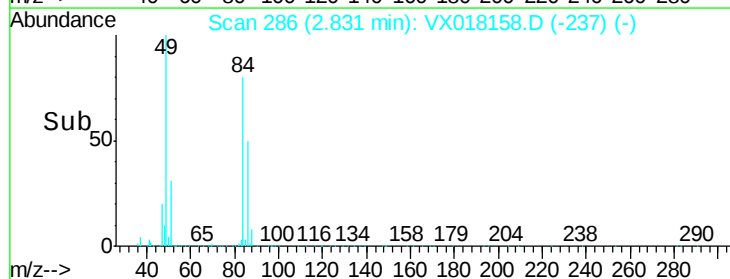
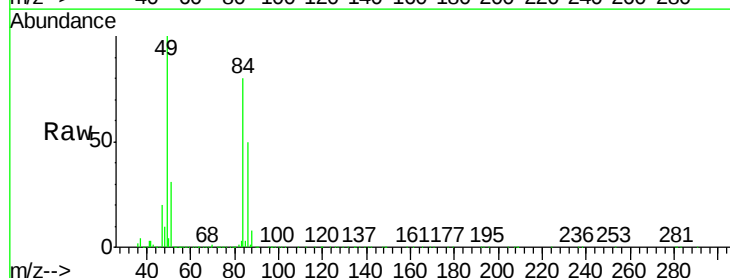
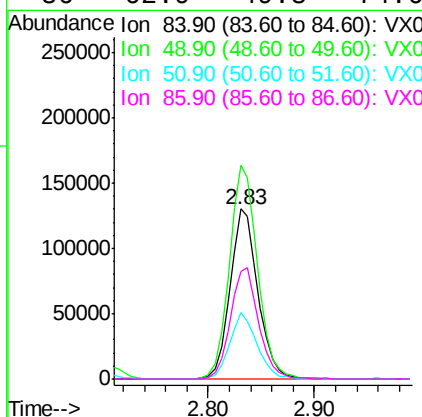
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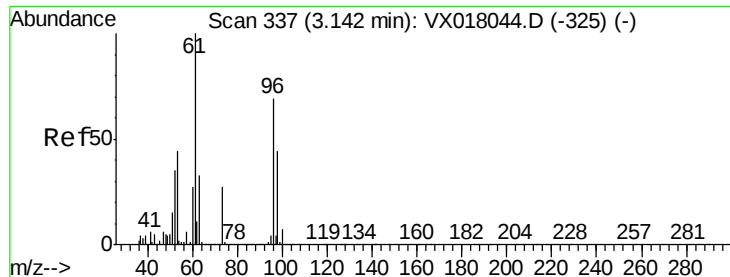
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#20
Methylene Chloride
Concen: 50.228 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.4	98.6	148.0
51	39.3	29.6	44.4
86	62.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 49.988 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

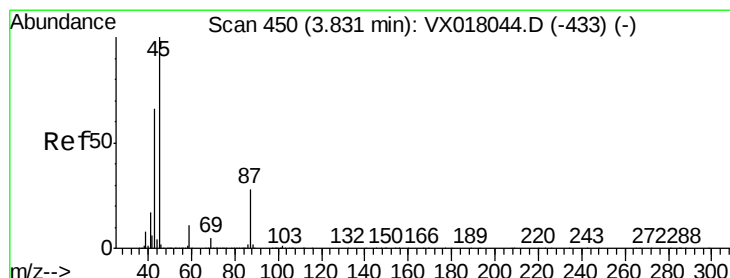
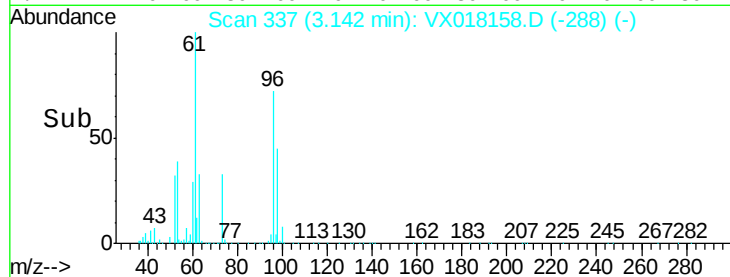
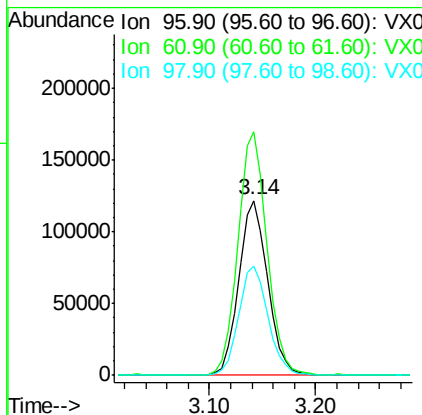
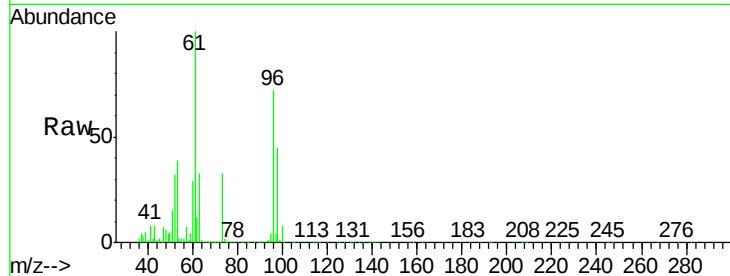
ClientSampleId :

GR-OF-20200827MS

Tot Ion:	96	Resp:	232120
Ion	Ratio	Lower	Upper
96	100		
61	139.2	115.4	173.0
98	62.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 51.344 ug/l

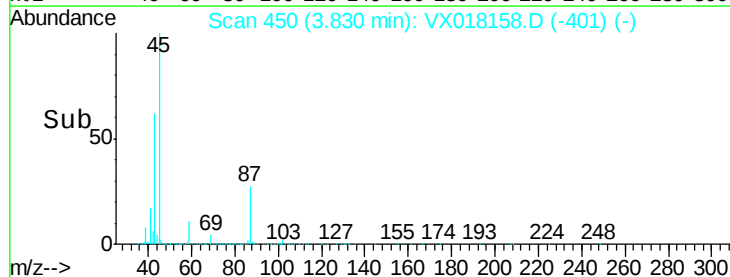
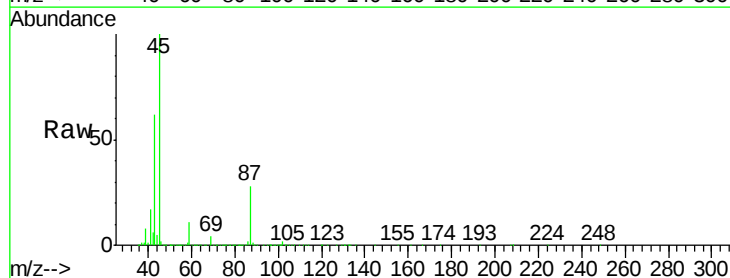
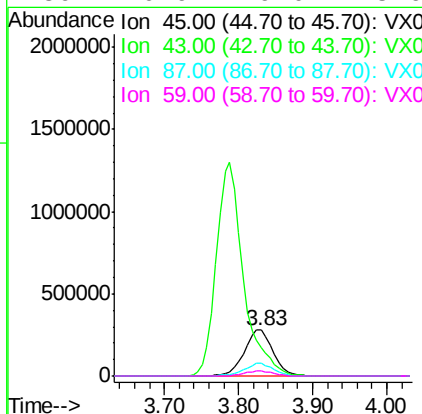
RT: 3.83 min Scan# 450

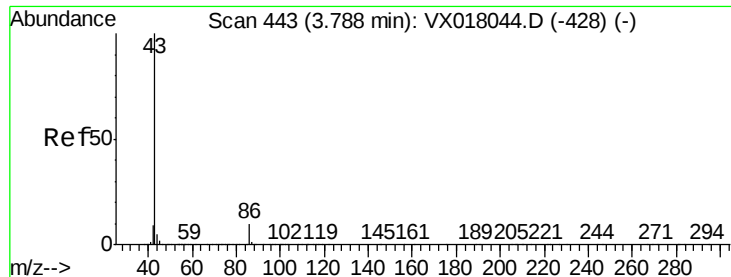
Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion:	45	Resp:	763075
Ion	Ratio	Lower	Upper
45	100		
43	61.6	52.8	79.2
87	27.5	22.5	33.7
59	10.9	9.0	13.6





#23

Vinyl Acetate

Concen: 247.394 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion: 43 Resp: 3271666

Ion Ratio Lower Upper

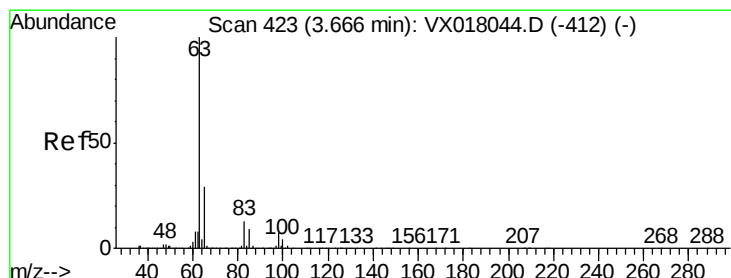
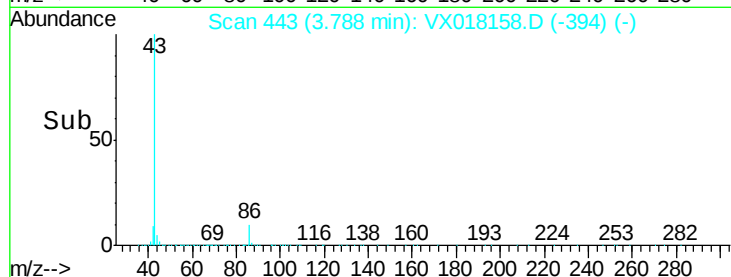
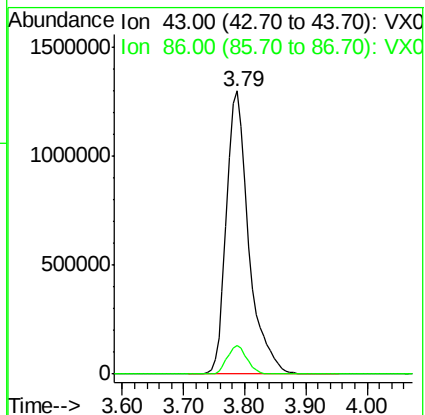
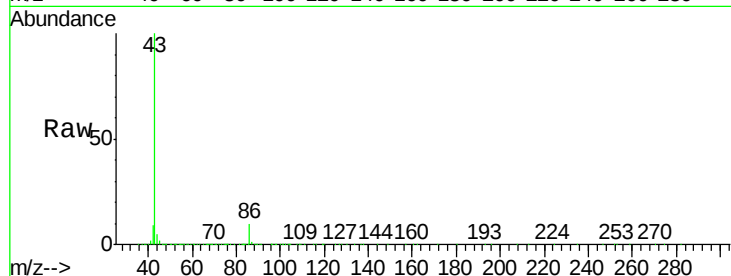
43 100

86 10.0 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 50.737 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

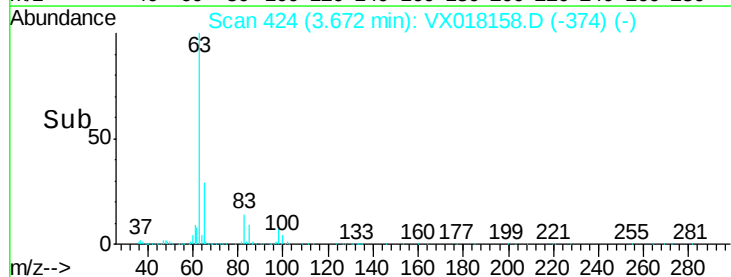
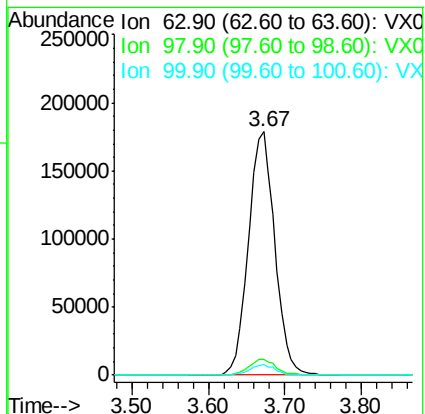
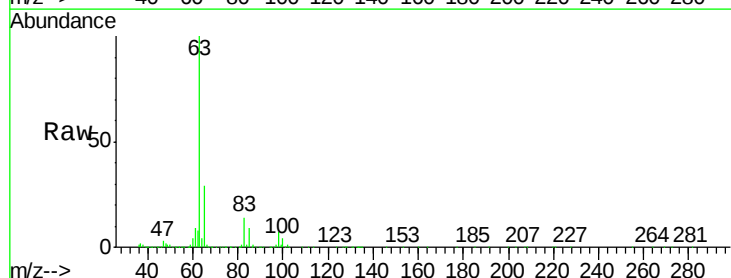
Tgt Ion: 63 Resp: 429243

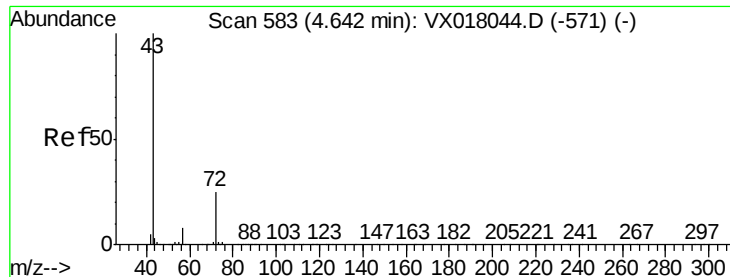
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 238.911 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion: 43 Resp: 910944

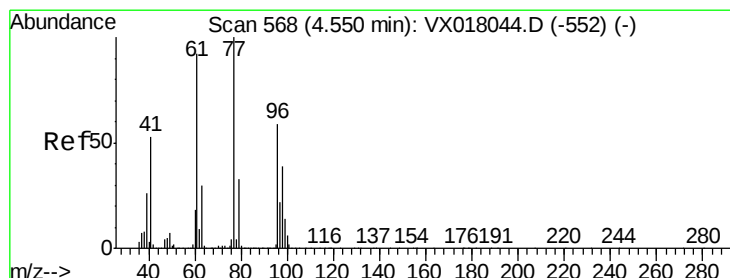
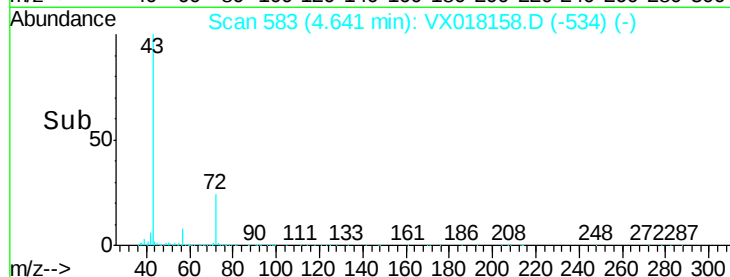
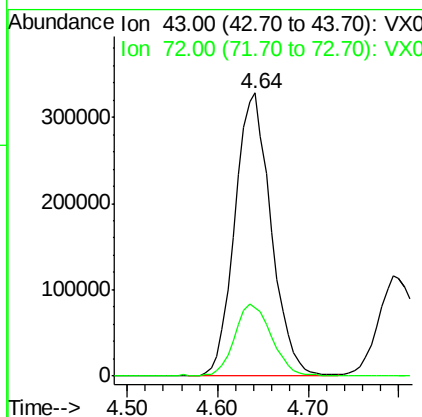
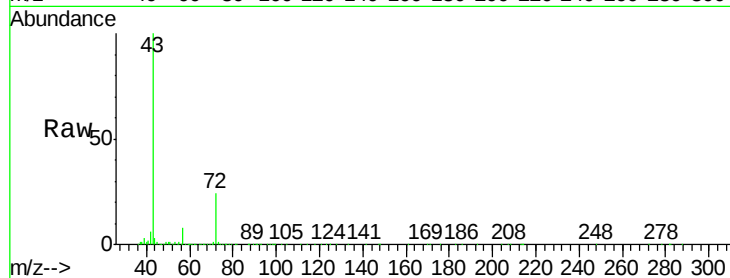
Ion Ratio Lower Upper

43 100

72 24.1 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 48.348 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018158.D

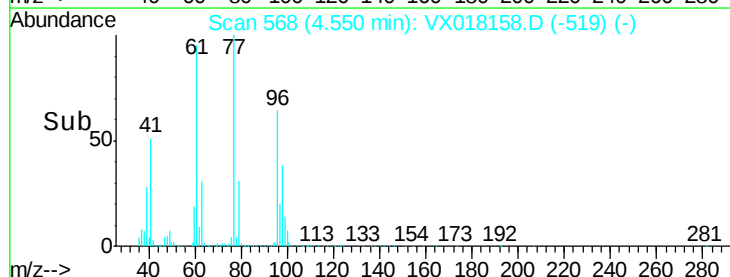
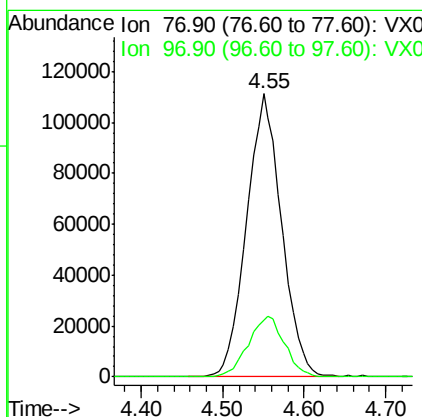
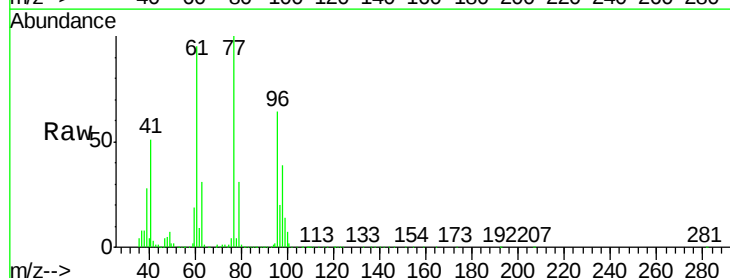
Acq: 31 Aug 2020 19:19

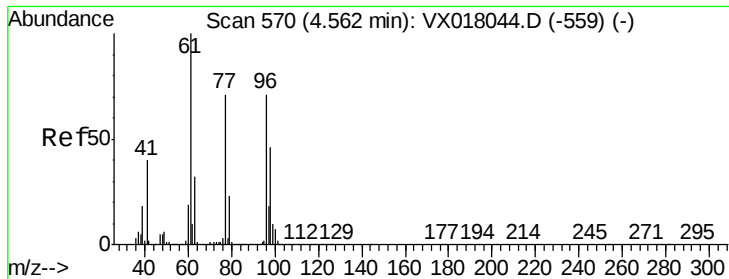
Tgt Ion: 77 Resp: 332810

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5





#27

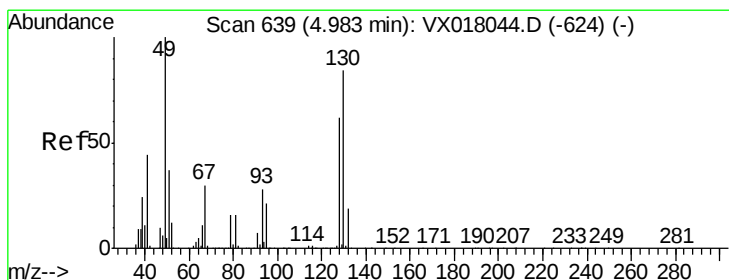
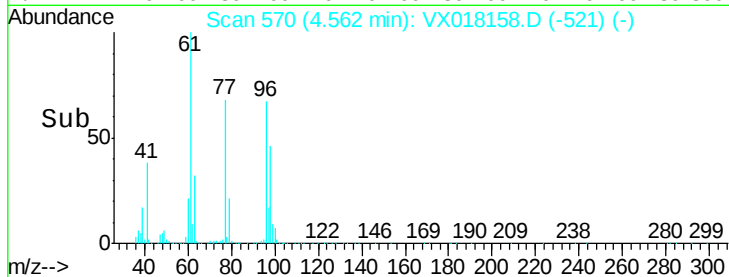
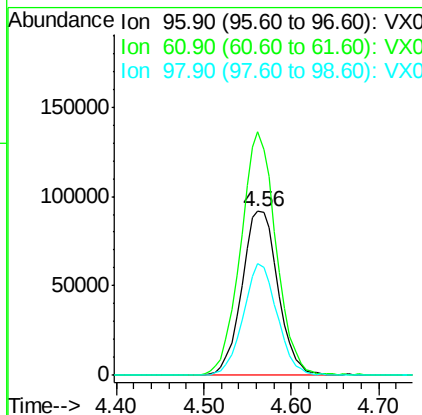
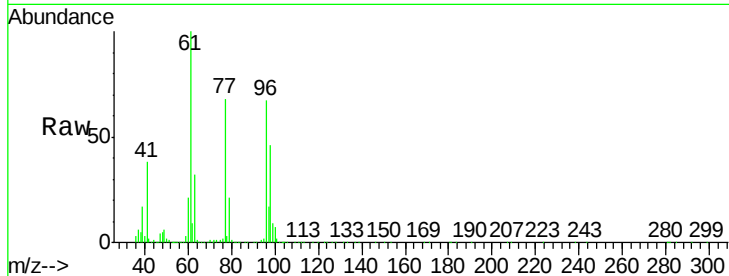
cis-1,2-Dichloroethene
Concen: 49.250 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	263496		
61	144.9	0.0	296.6	
98	64.0	0.0	130.2	

Manual Integrations
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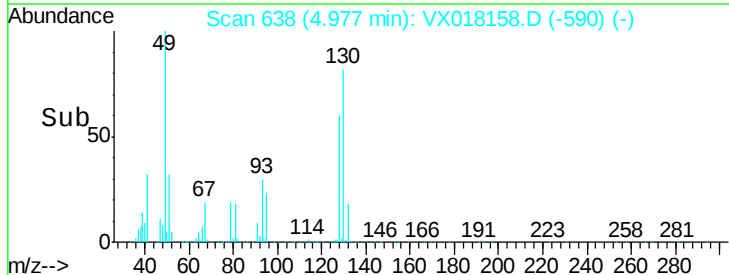
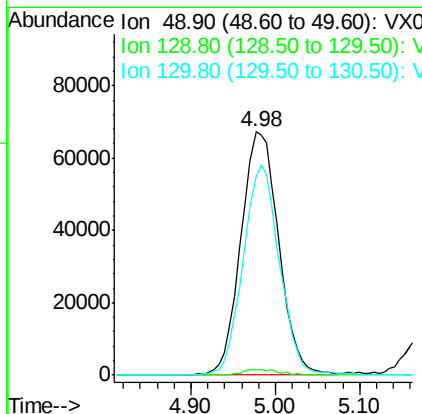
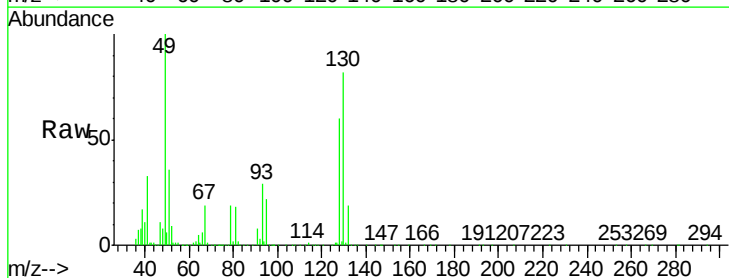
MMDadoda
9/1/2020 9:08:35 AM

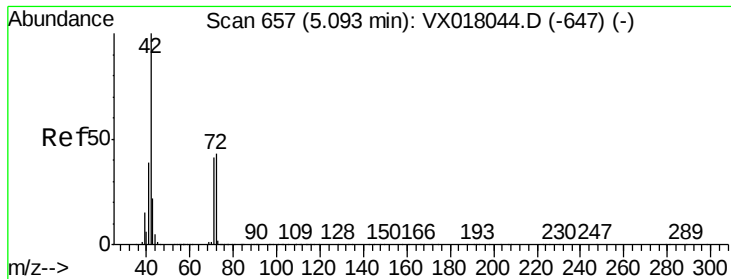


#28

Bromochloromethane
Concen: 50.143 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	204770		
129	2.3	0.0	4.6	
130	82.9	64.6	96.8	





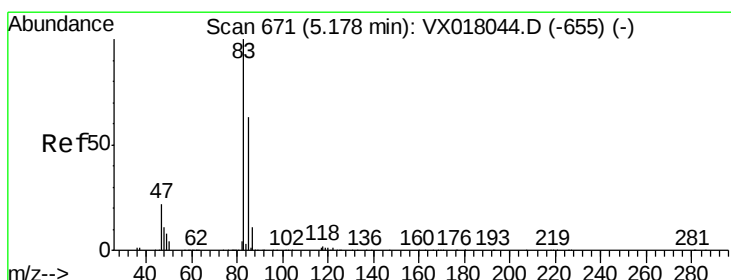
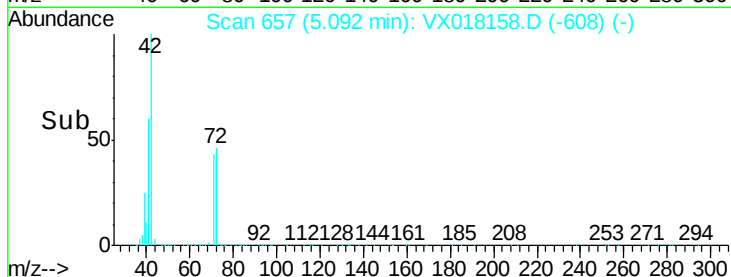
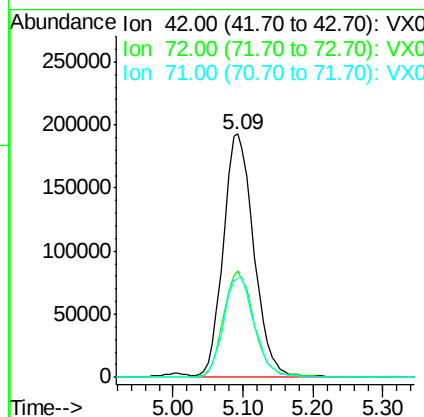
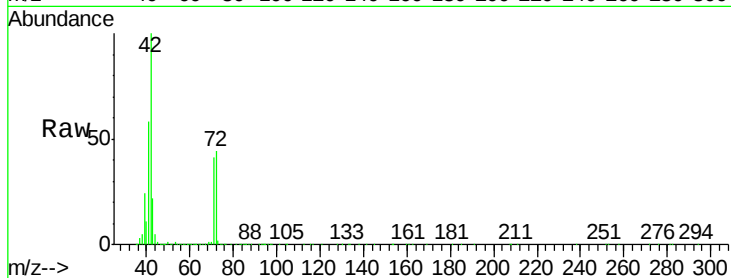
#29
Tetrahydrofuran
Concen: 239.635 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Resp	Lower	Upper
42	100	581646		
72	44.2		34.2	51.4
71	41.9		32.1	48.1

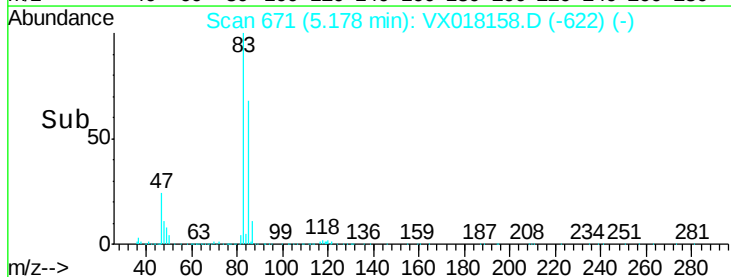
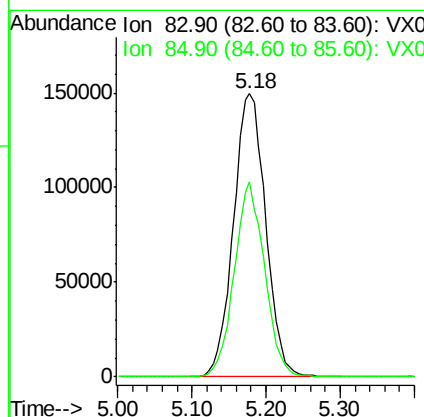
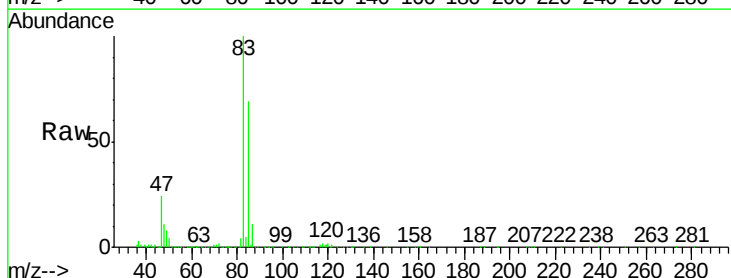
Manual Integrations
APPROVED

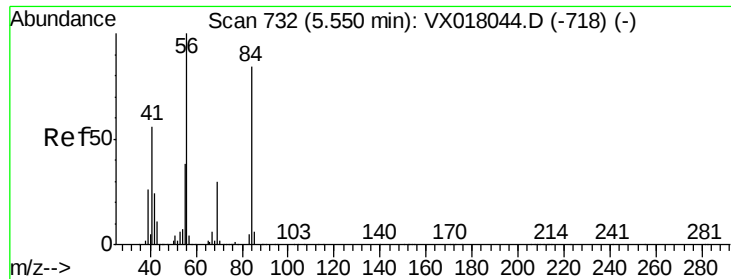
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9/1/2020 9:08:35 AM



#30
Chloroform
Concen: 51.807 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	453840		
85	68.9		50.7	76.1





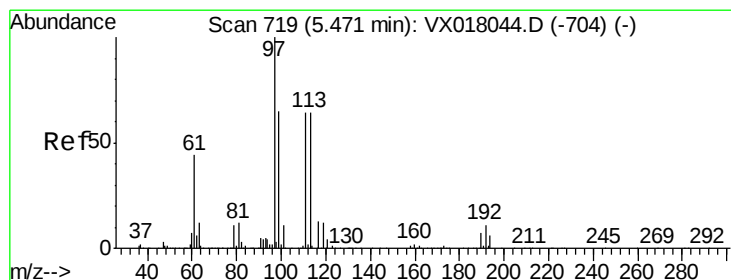
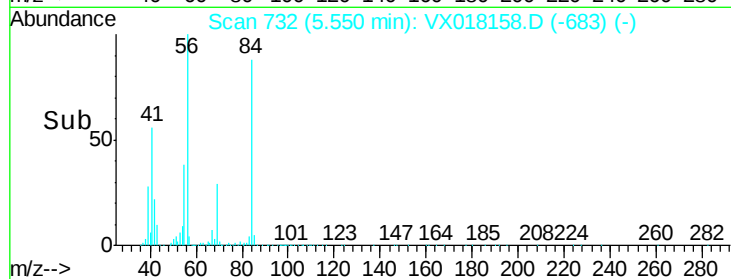
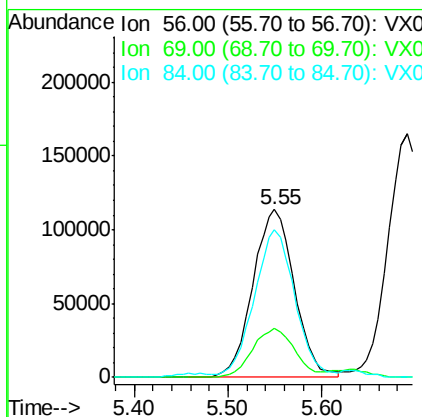
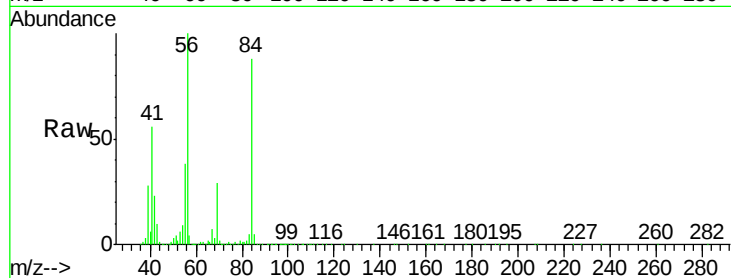
#31
Cyclohexane
Concen: 49.177 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.9	35.9
84	85.9	67.0	100.4

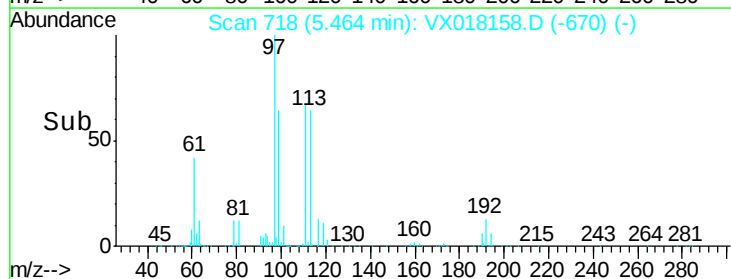
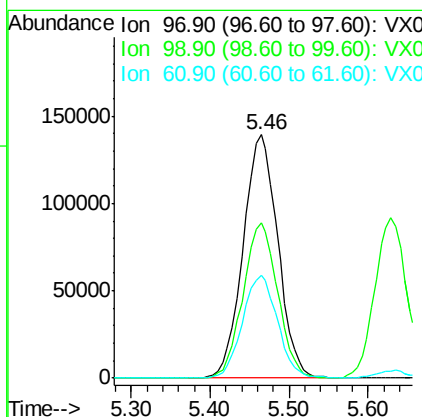
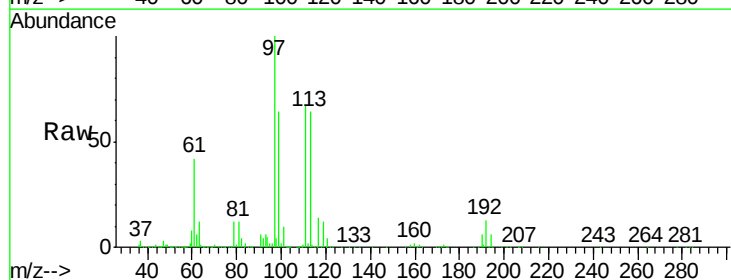
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 53.005 ug/l
RT: 5.46 min Scan# 719
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	42.9	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 53.588 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion: 65 Resp: 319065

Ion Ratio Lower Upper

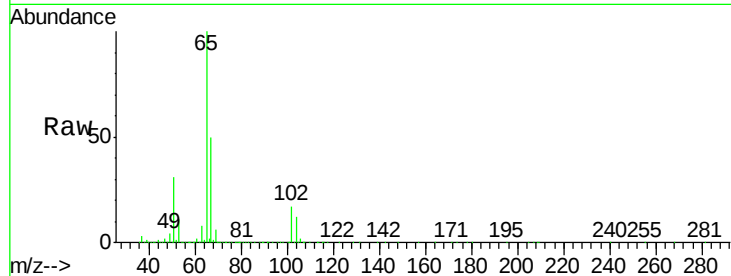
65 100

67 51.7 0.0 105.8

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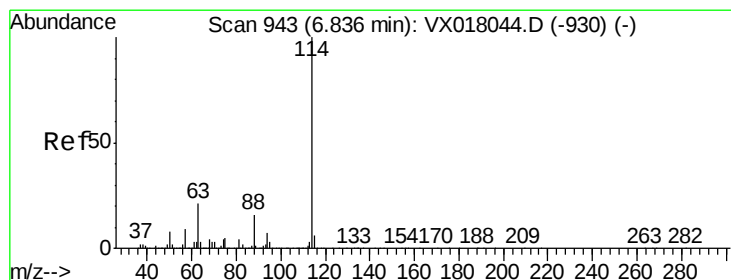
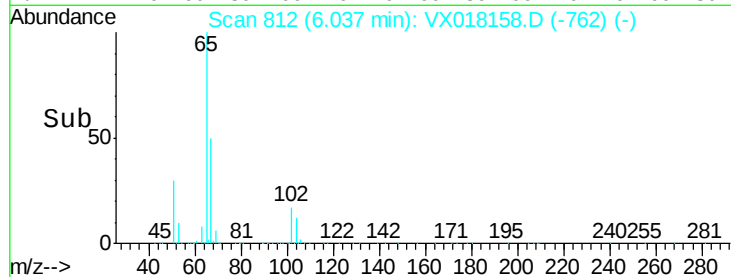
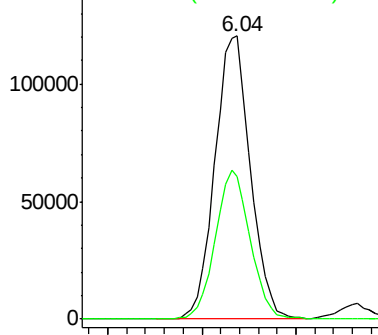
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

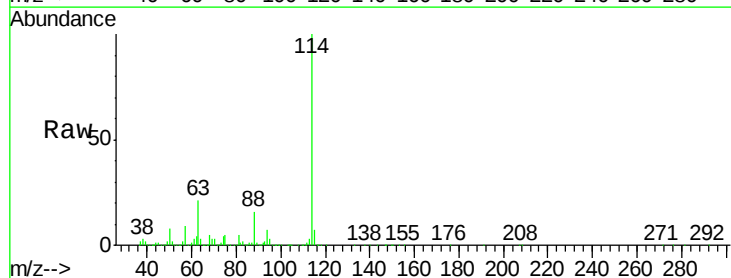
Tgt Ion: 114 Resp: 669567

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

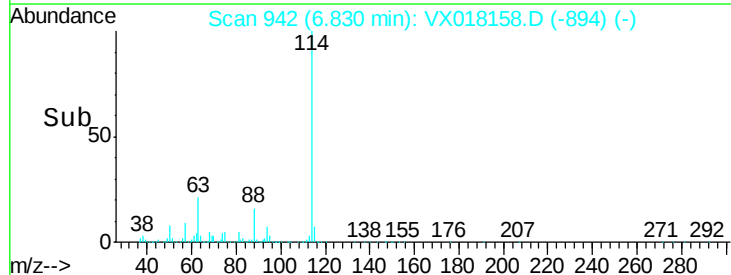
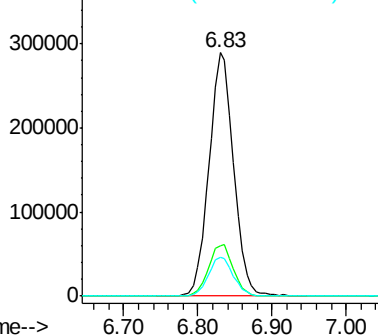
88 15.8 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 55.410 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

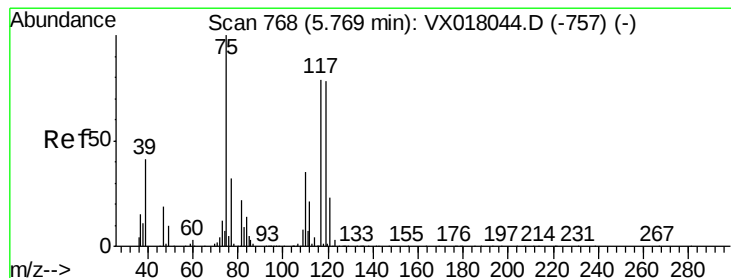
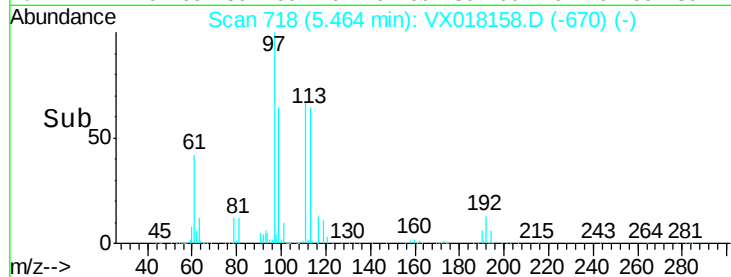
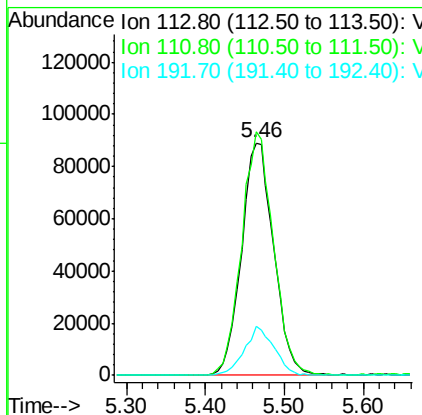
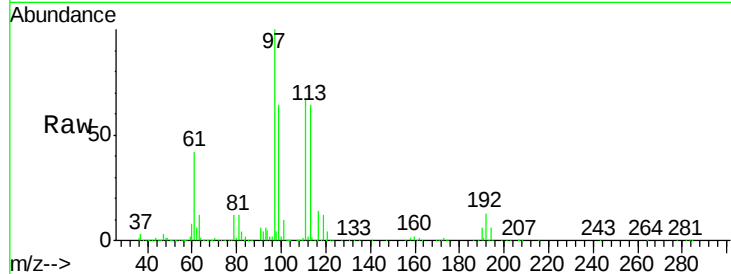
ClientSampleId :

GR-OF-20200827MS

Tot Ion:	113	Resp:	252676
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.6	122.4
192	19.4	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.566 ug/l

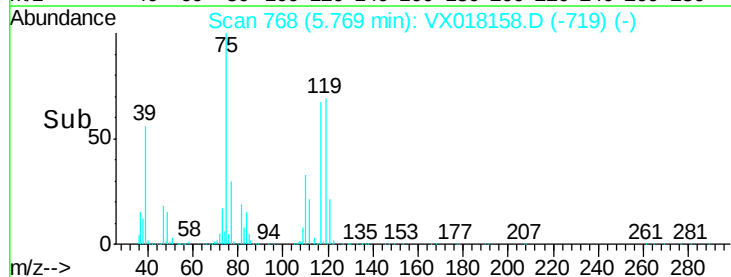
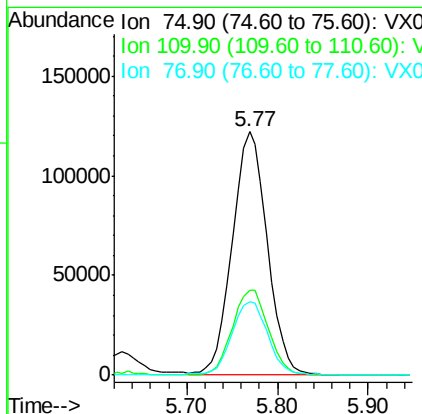
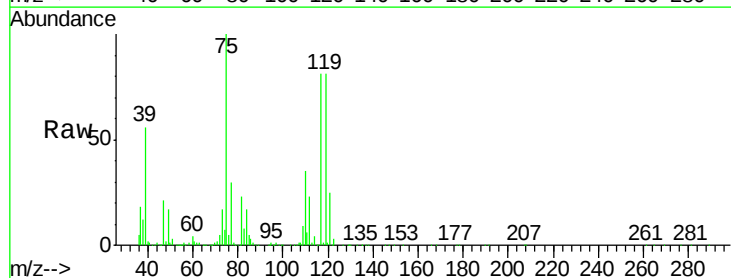
RT: 5.77 min Scan# 768

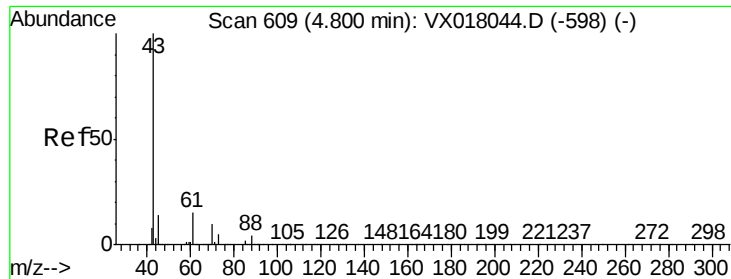
Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion:	75	Resp:	324635
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.0	54.0
77	31.8	24.4	36.6





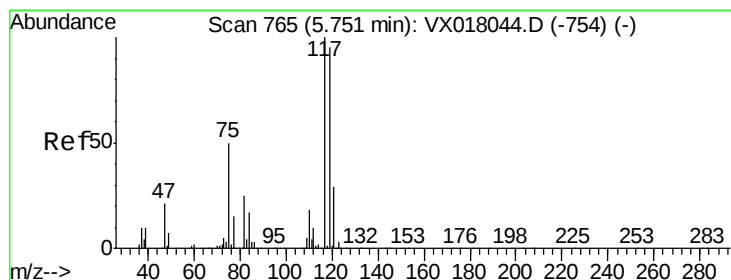
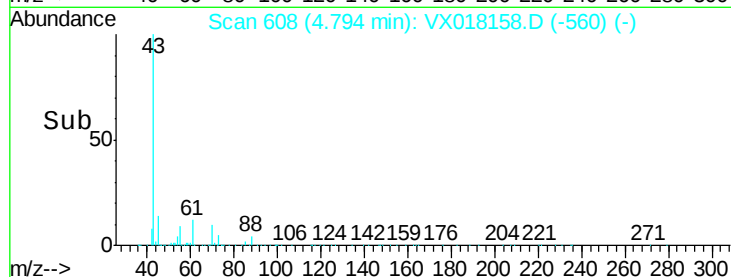
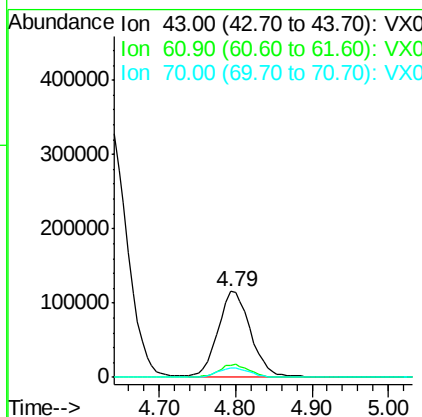
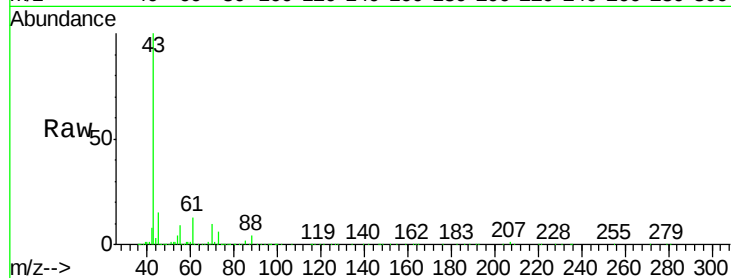
#37
Ethyl Acetate
Concen: 47.413 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion:	43	Resp:	340084
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.3	16.9
70	10.6	8.2	12.4

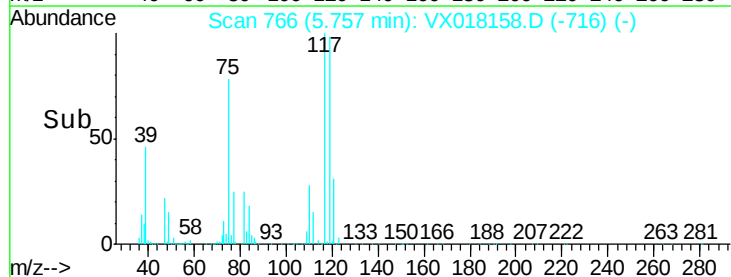
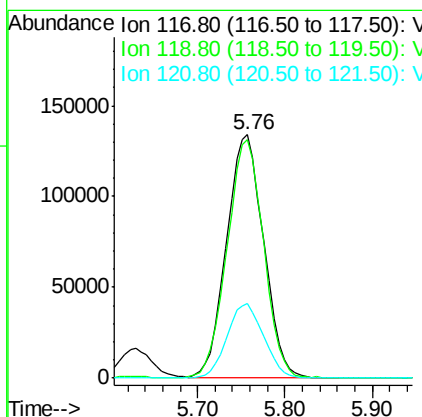
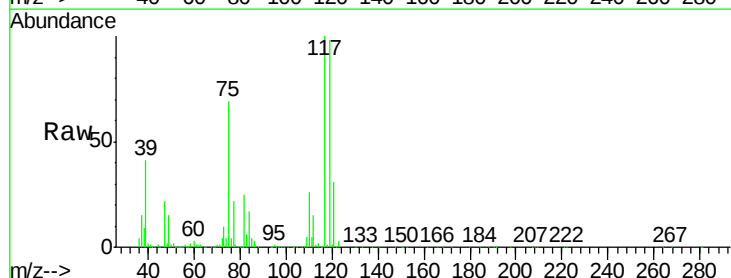
Manual Integrations
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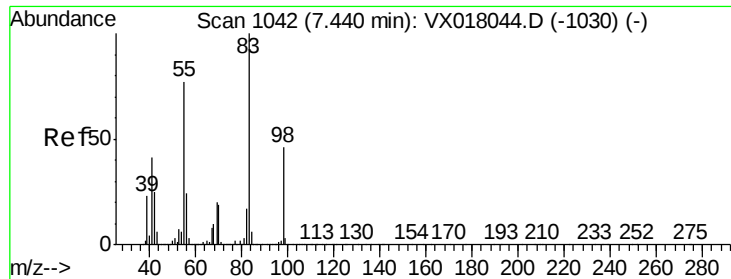
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#38
Carbon Tetrachloride
Concen: 56.806 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion:	117	Resp:	395356
Ion Ratio	Lower	Upper	
117	100		
119	97.9	75.8	113.6
121	30.8	23.4	35.0





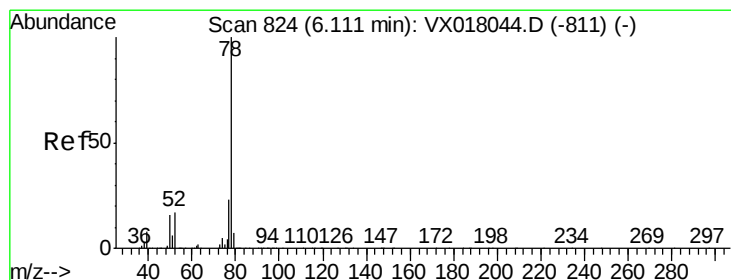
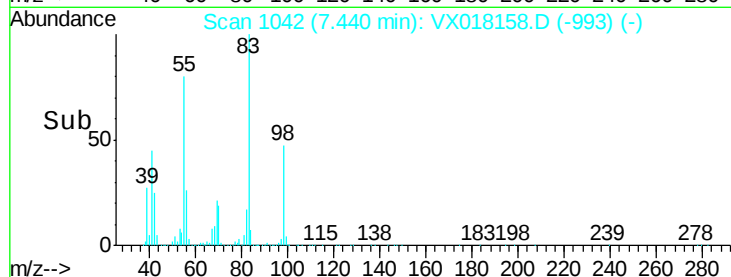
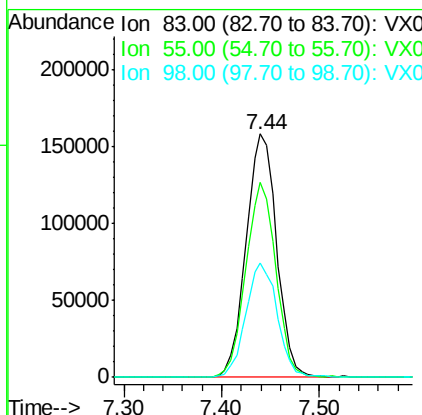
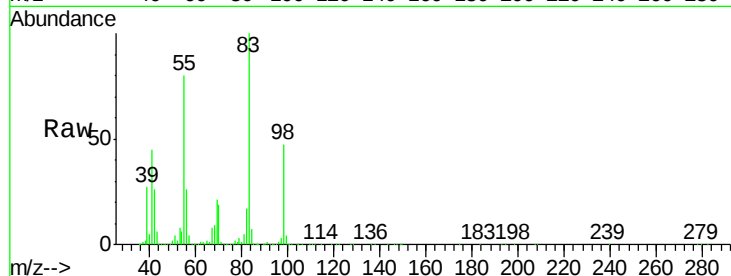
#39
Methvlcvclohexane
Concen: 51.082 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.8	61.8	92.6
98	46.7	36.6	55.0

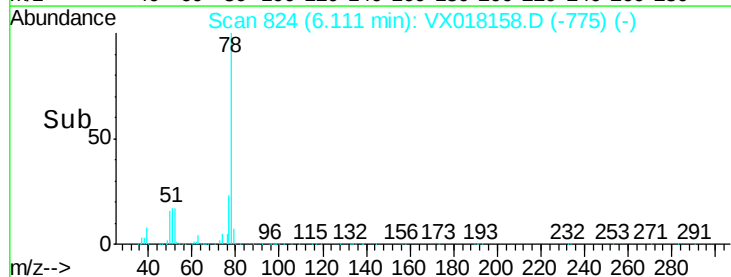
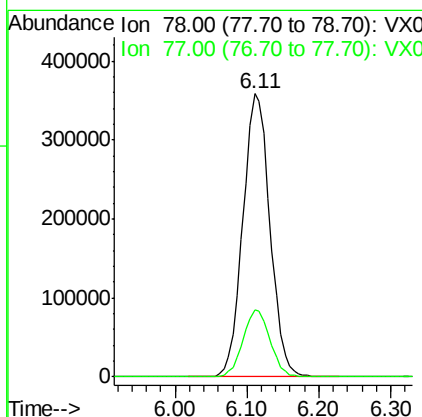
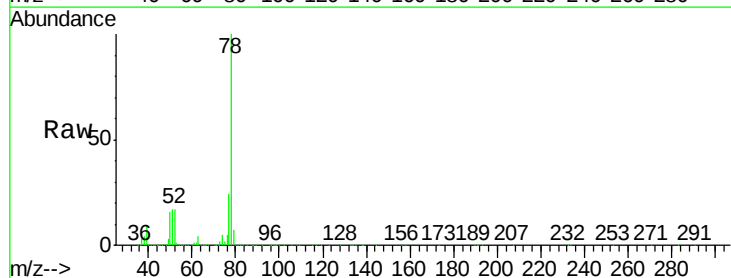
Manual Integrations
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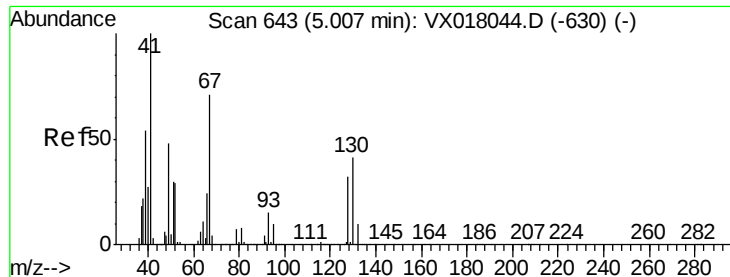
MMDadoda
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#40
Benzene
Concen: 51.536 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.2	27.2





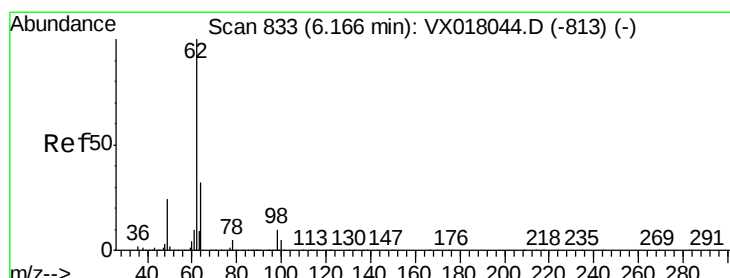
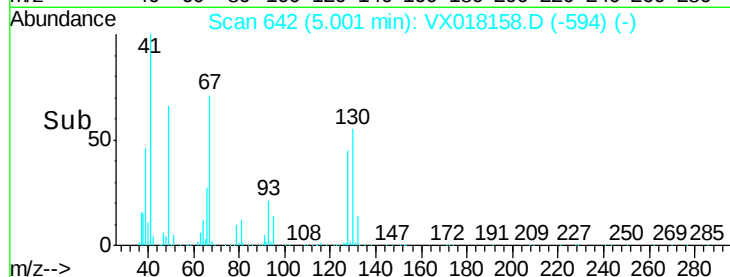
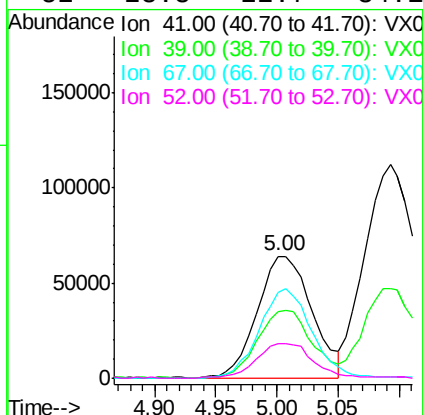
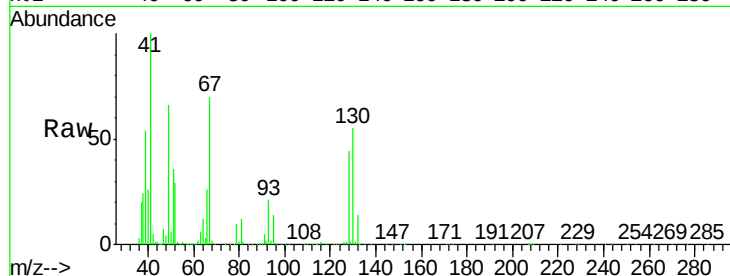
#41
Methacrylonitrile
Concen: 50.425 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		198590		
39	55.9	43.1	64.7		
67	71.0	56.0	84.0		
52	28.8	22.7	34.1		

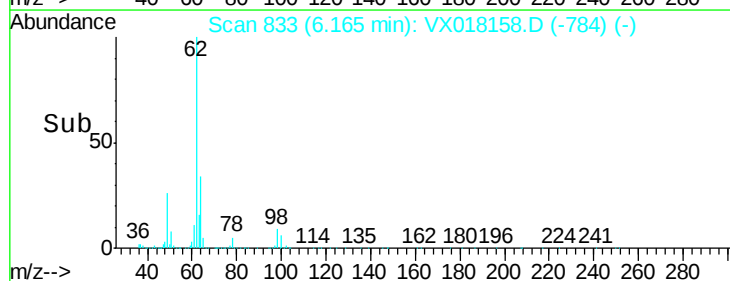
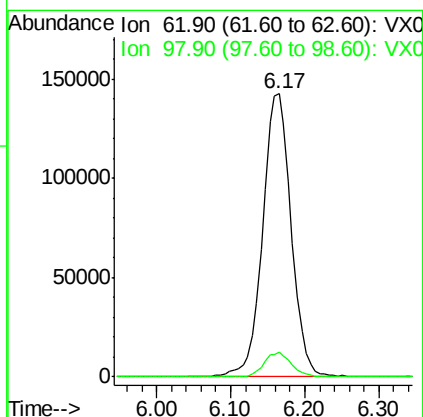
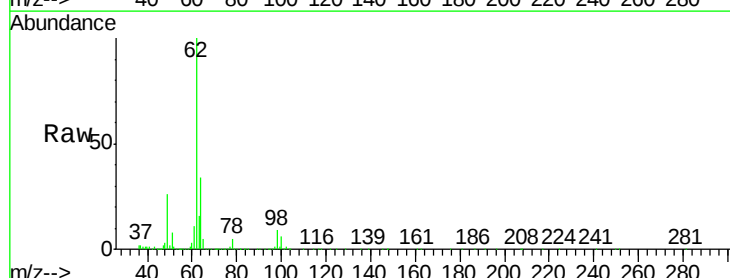
Manual Integrations
APPROVED

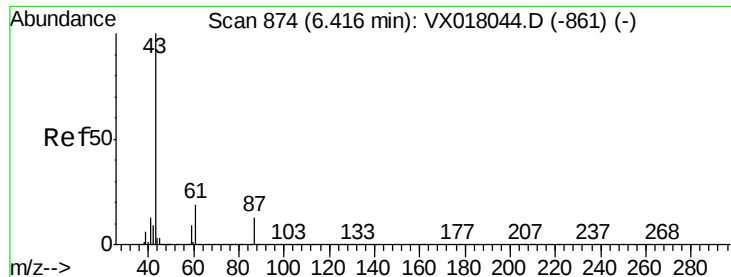
MMDadoda
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#42
1,2-Dichloroethane
Concen: 54.513 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		379008		
98	8.4	0.0	18.2		





#43

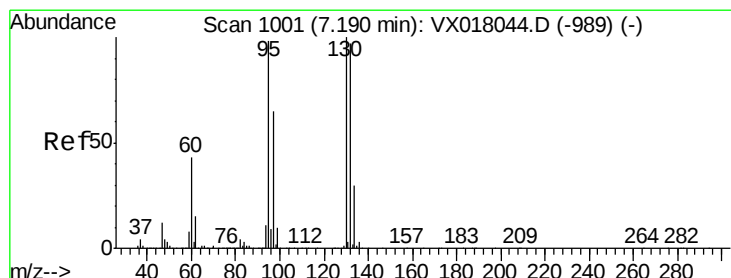
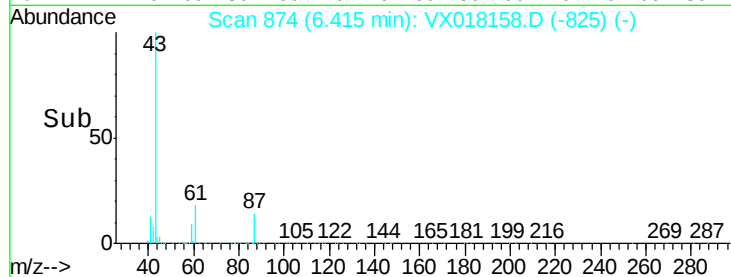
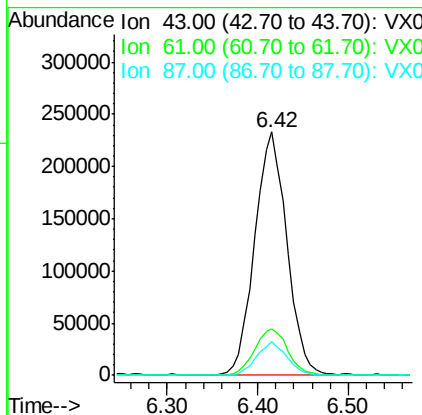
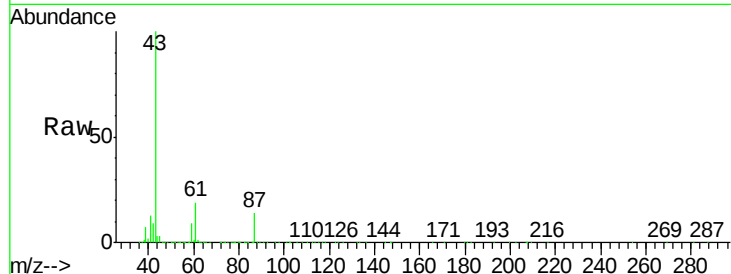
Isopropyl Acetate
 Concen: 49.139 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.7	23.5
87	13.2	10.3	15.5

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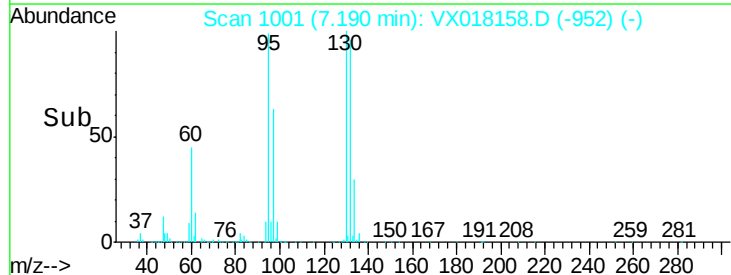
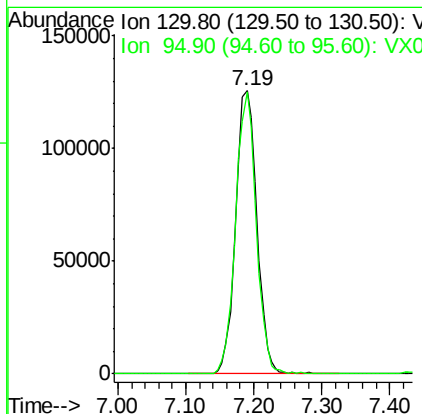
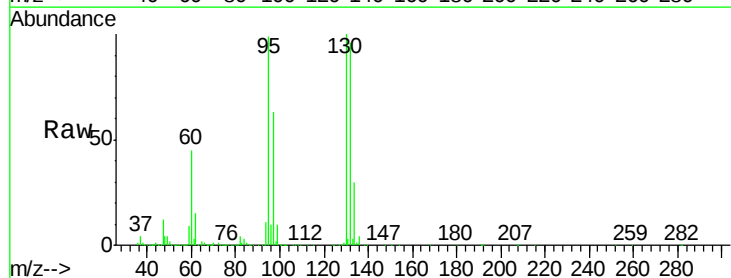
MMDadoda
 9/1/2020 9:08:35 AM



#44

Trichloroethene
 Concen: 53.443 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	196.4





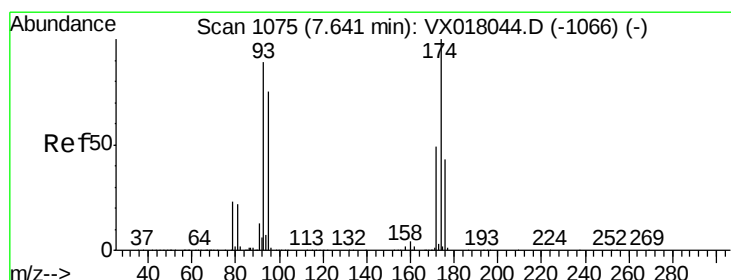
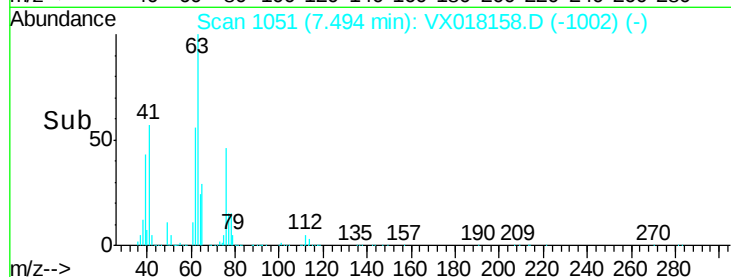
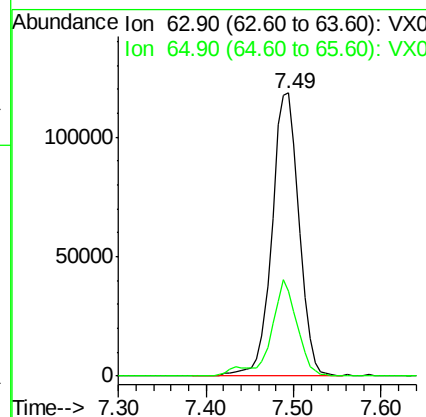
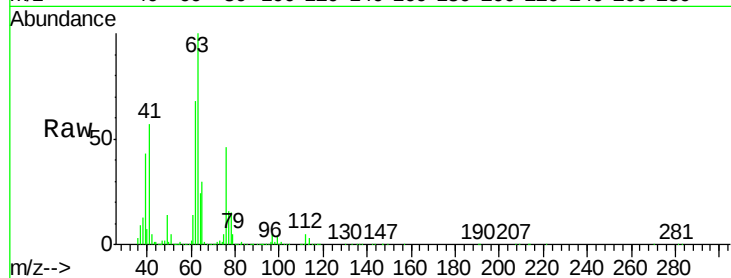
#45
 1,2-Dichloropropane
 Concen: 52.348 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

Tot Ion	Ratio	Resp	Lower	Upper
63	100	256026		
65	29.8		25.7	38.5

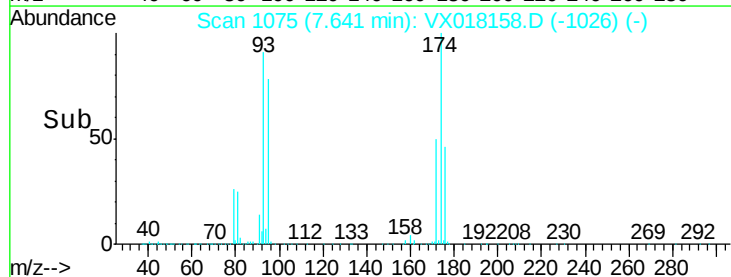
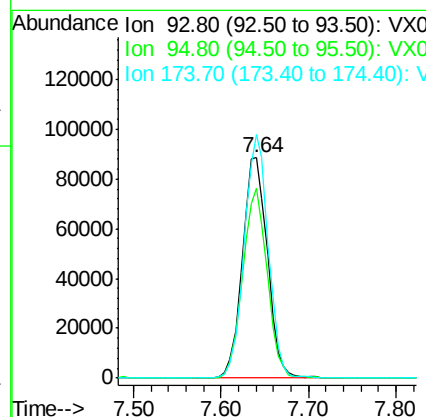
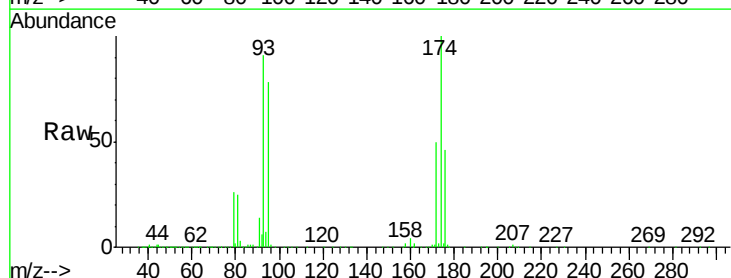
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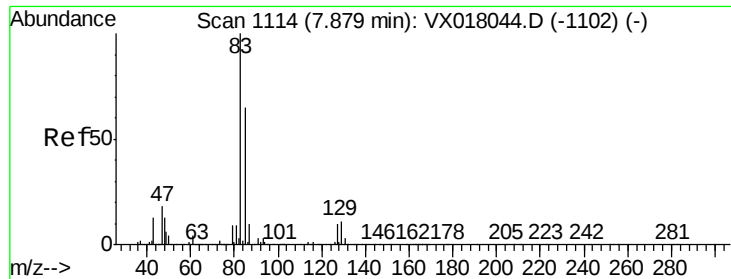
MMDadoda
 9/1/2020 9:08:35 AM



#46
 Dibromomethane
 Concen: 51.372 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	176684		
95	83.9		67.3	100.9
174	105.8		82.2	123.2





#47

Bromodichloromethane

Concen: 54.873 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

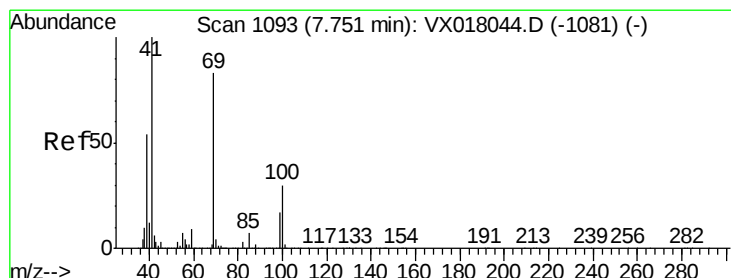
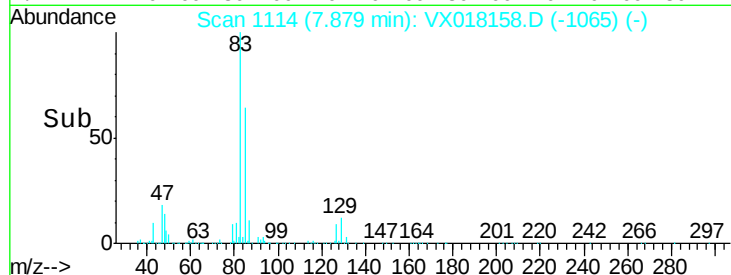
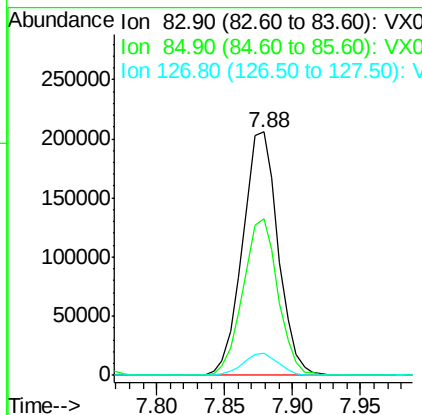
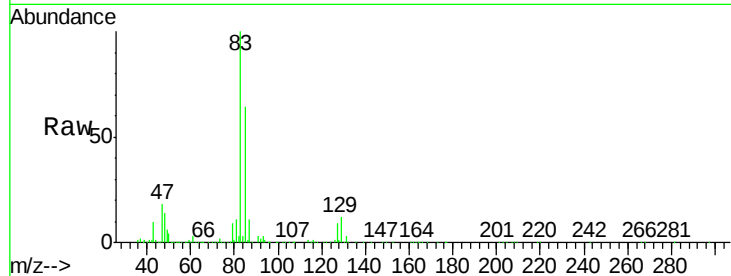
ClientSampleId :

GR-OF-20200827MS

Tot Ion:	83	Resp:	376825
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.8	77.6
127	8.9	7.7	11.5

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#48

Methyl methacrylate

Concen: 50.196 ug/l

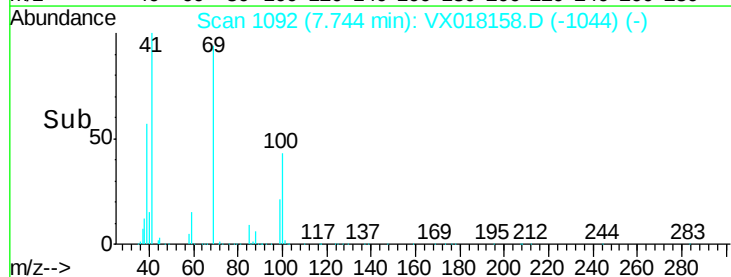
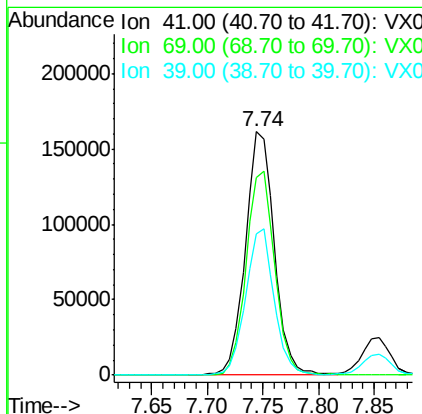
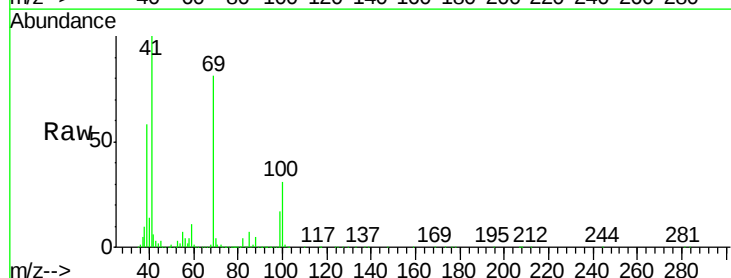
RT: 7.74 min Scan# 1092

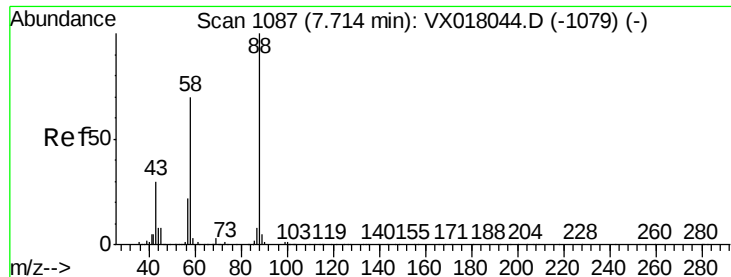
Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion:	41	Resp:	289495
Ion Ratio	Lower	Upper	
41	100		
69	83.8	65.5	98.3
39	59.1	44.5	66.7





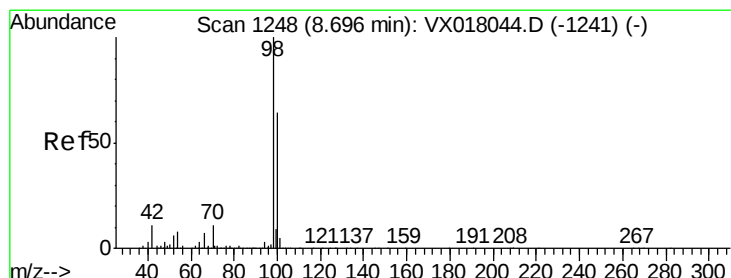
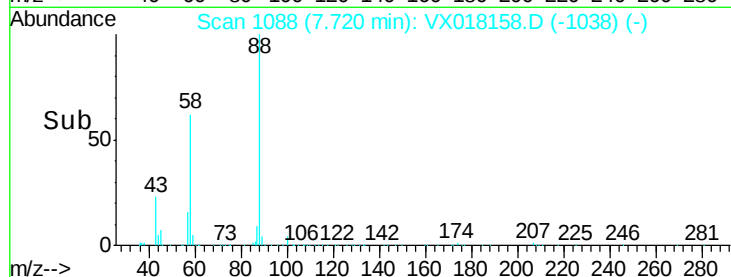
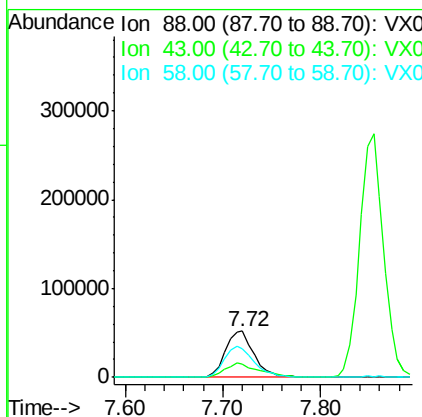
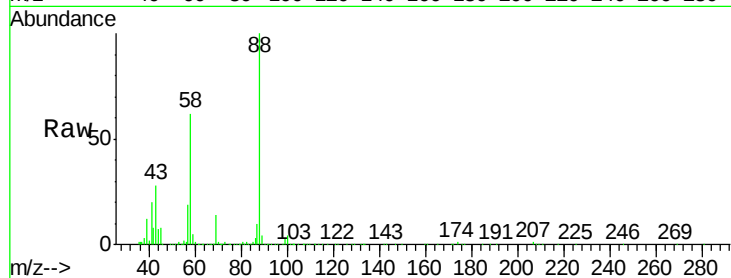
#49
1,4-Dioxane
Concen: 1004.213 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	27.4	41.0
58	71.5	56.4	84.6

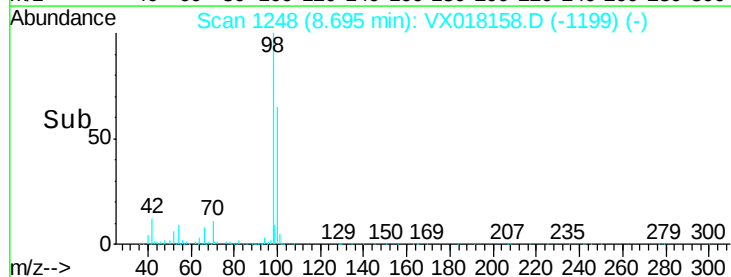
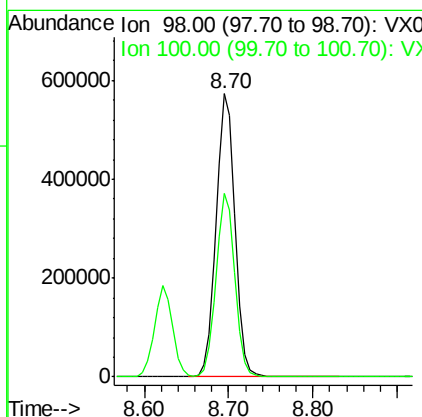
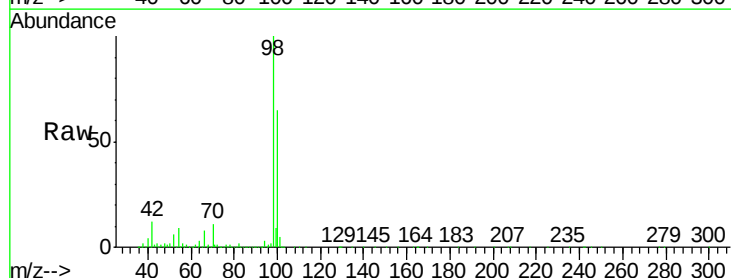
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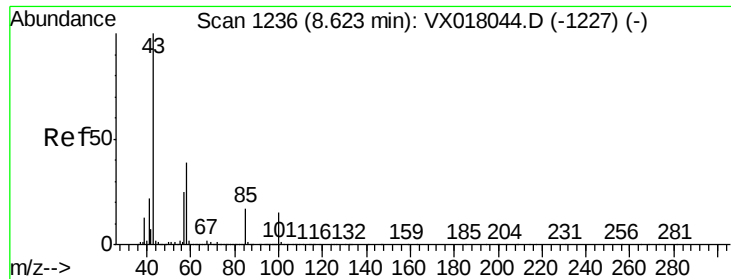
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#50
Toluene-d8
Concen: 52.467 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.4





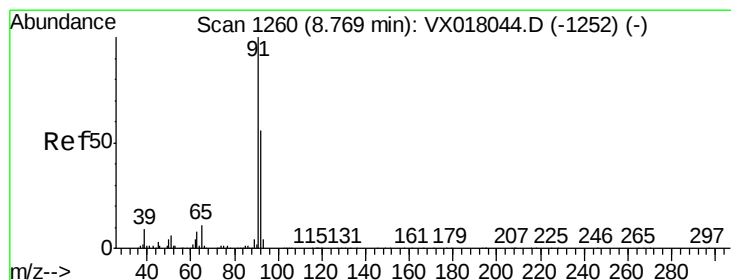
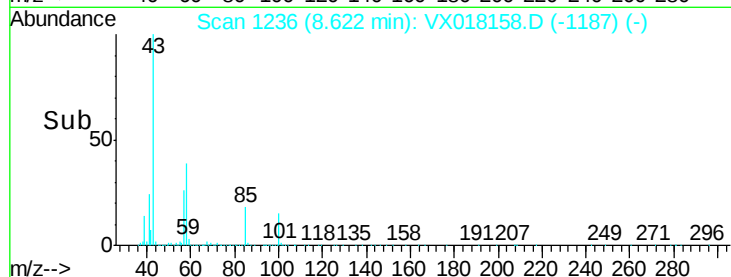
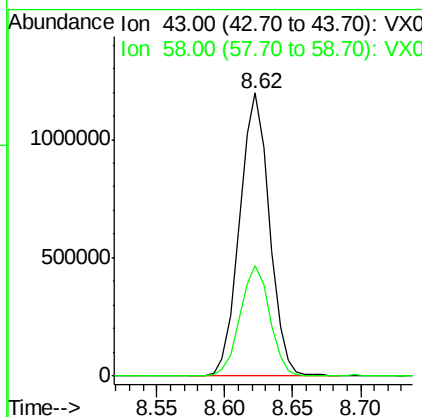
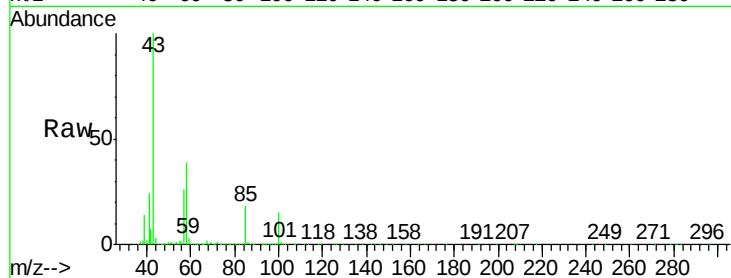
#51
4-Methyl-2-Pentanone
Concen: 254.885 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion: 43 Resp: 1824046
Ion Ratio Lower Upper
43 100
58 38.7 30.7 46.1

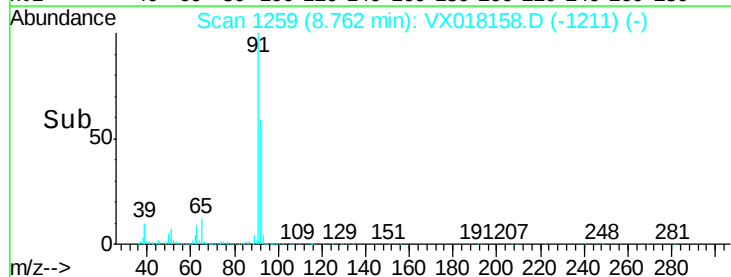
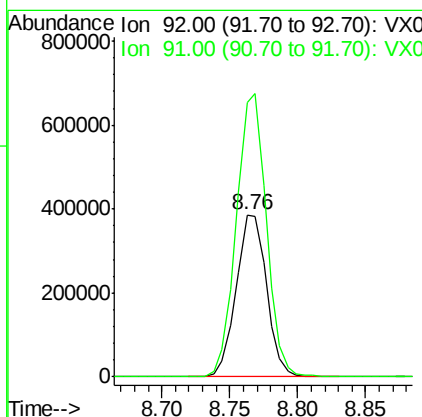
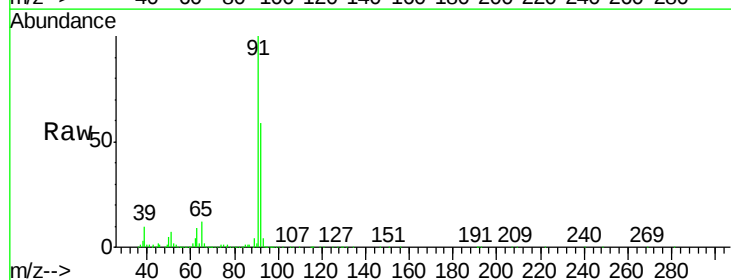
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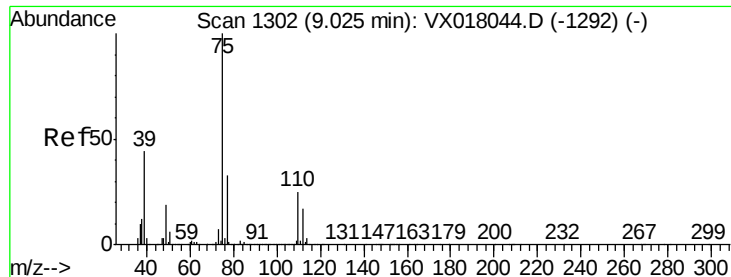
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#52
Toluene
Concen: 52.393 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion: 92 Resp: 602870
Ion Ratio Lower Upper
92 100
91 172.7 140.3 210.5





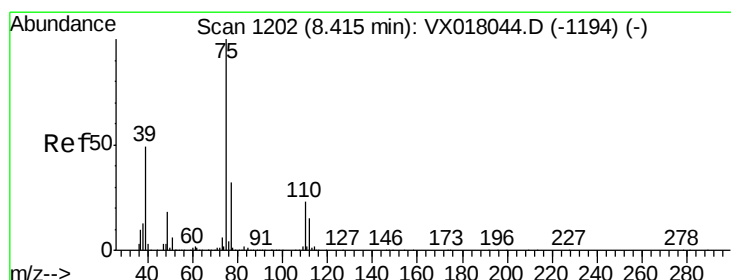
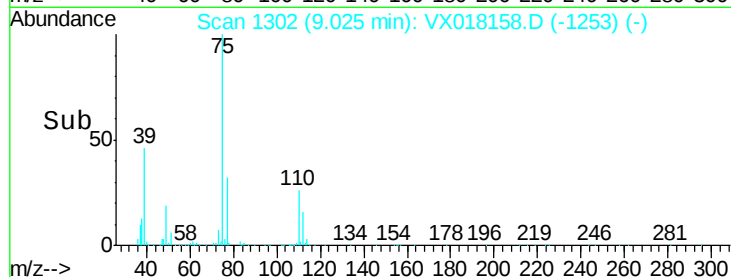
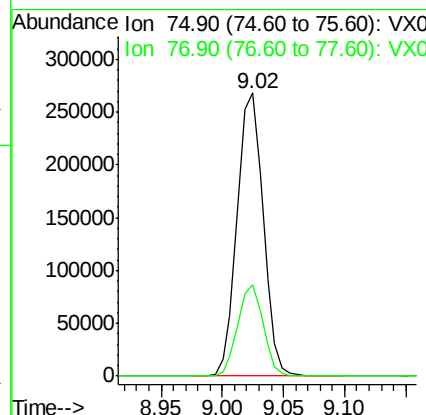
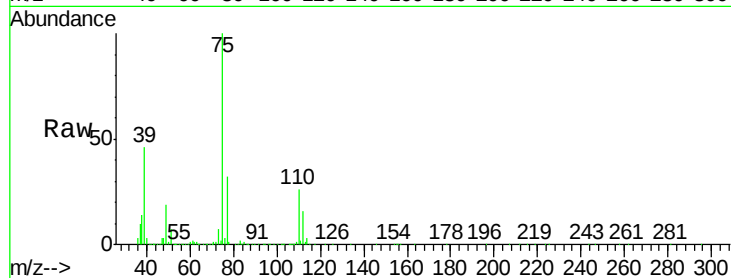
#53
t-1,3-Dichloropropene
Concen: 51.899 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.6	39.8

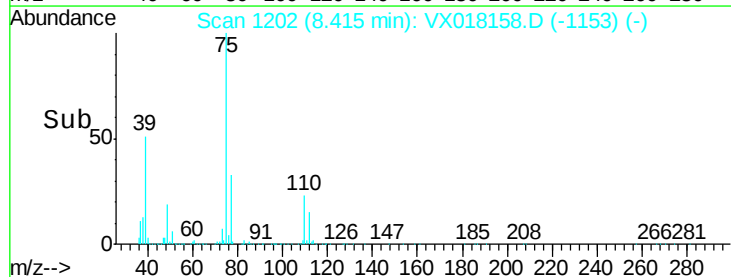
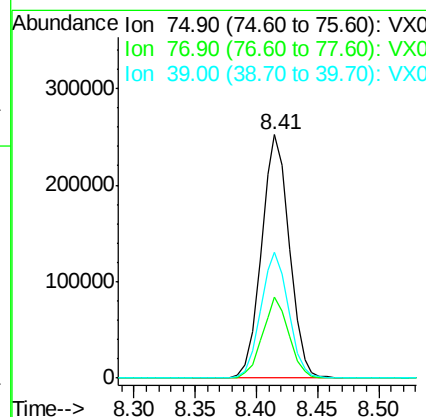
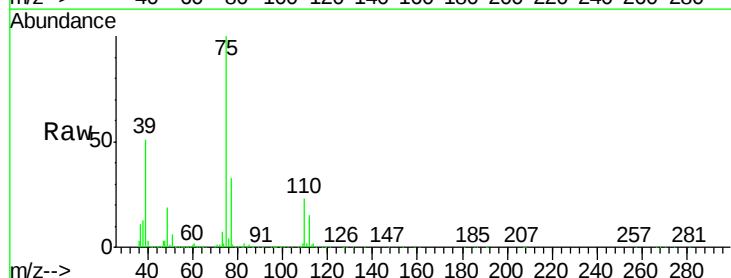
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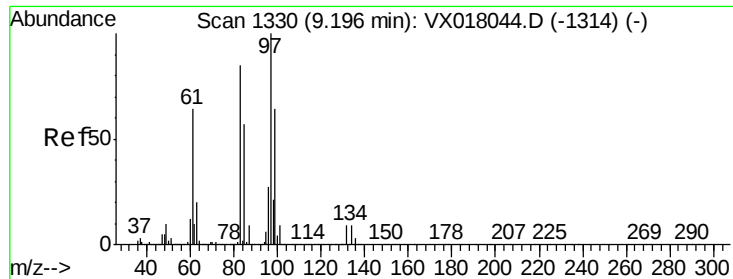
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#54
cis-1,3-Dichloropropene
Concen: 49.729 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.8	38.8
39	51.4	38.8	58.2





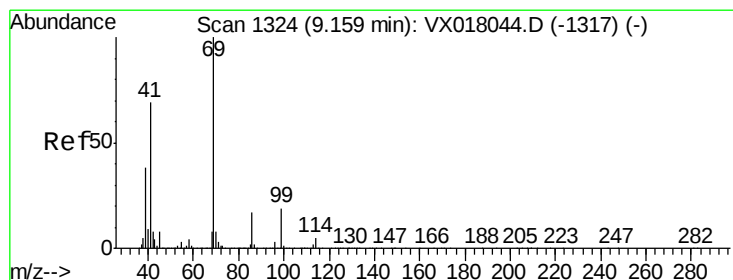
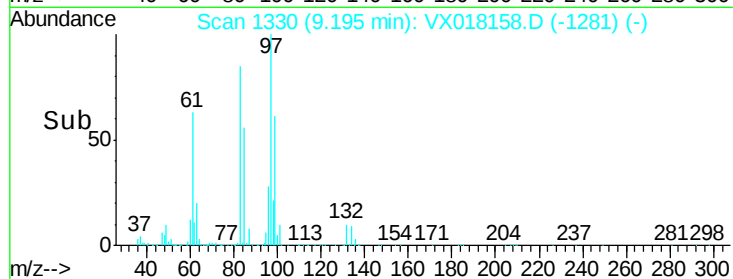
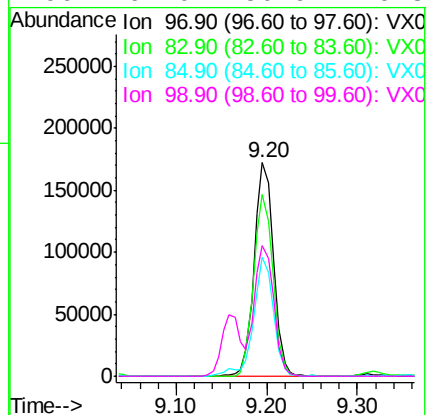
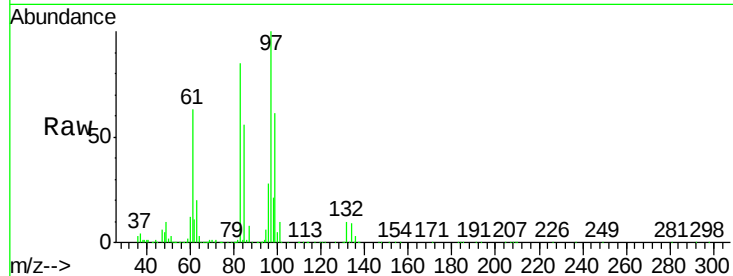
#55
 1,1,2-Trichloroethane
 Concen: 52.016 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		255269		
83	85.0	67.8	101.6		
85	56.0	45.3	67.9		
99	61.0	50.9	76.3		

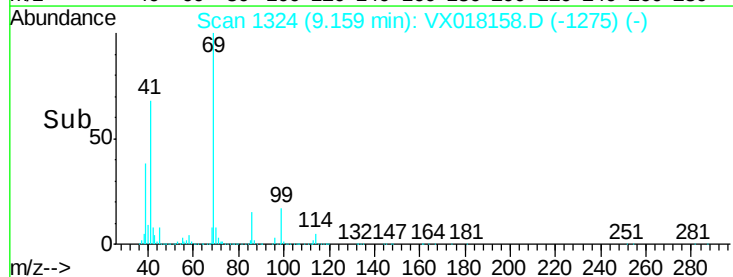
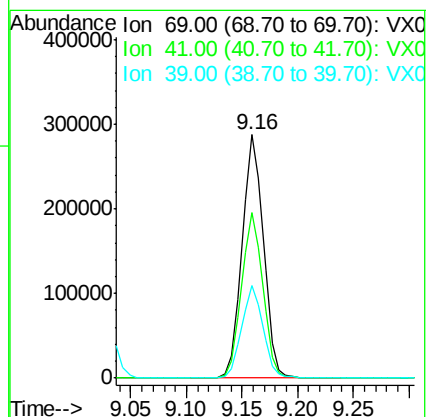
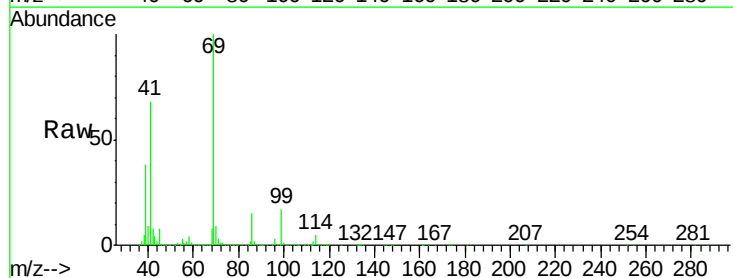
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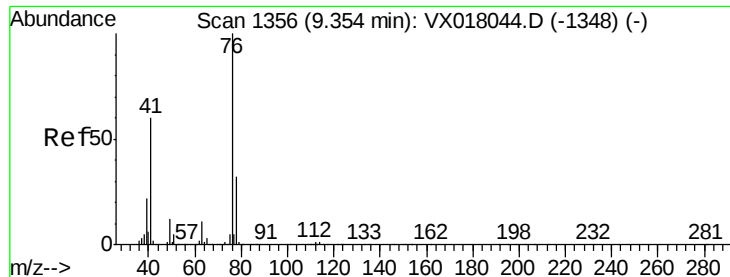
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#56
 Ethyl methacrylate
 Concen: 52.365 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		382034		
41	68.6	54.6	81.8		
39	38.2	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 51.553 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion: 76 Resp: 417290

Ion Ratio Lower Upper

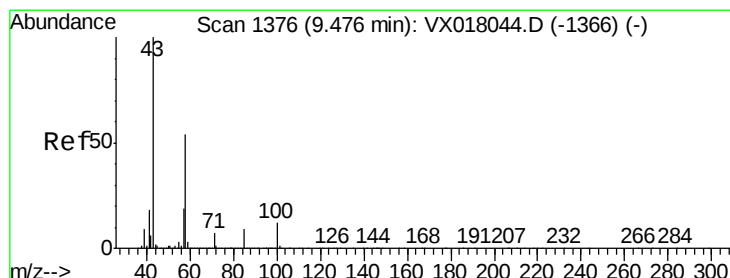
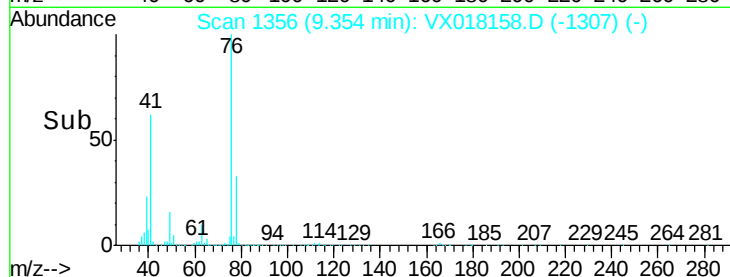
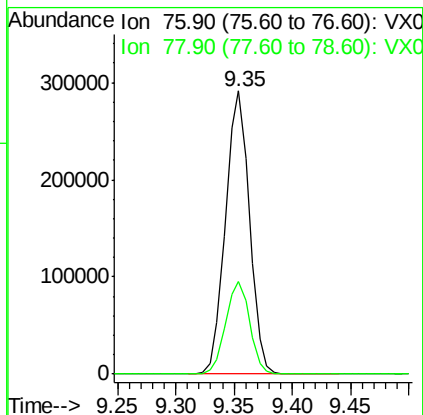
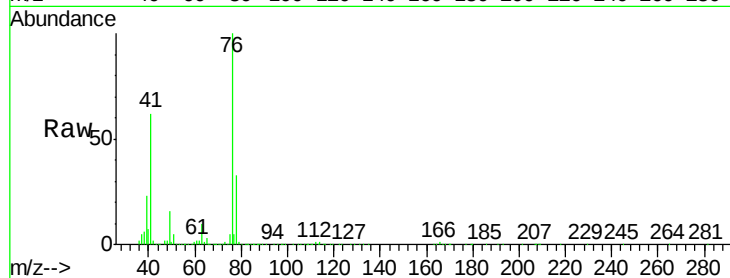
76 100

78 32.8 25.8 38.6

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#59

2-Hexanone

Concen: 262.707 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018158.D

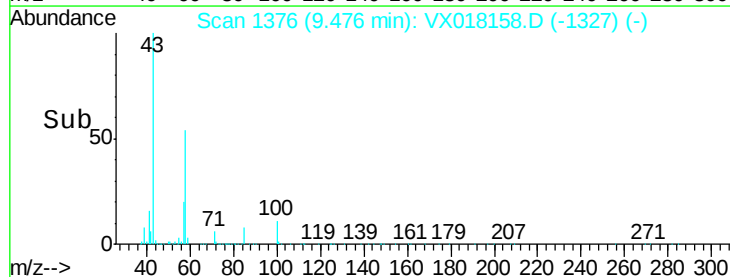
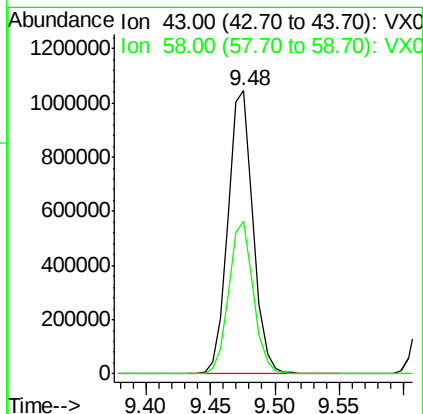
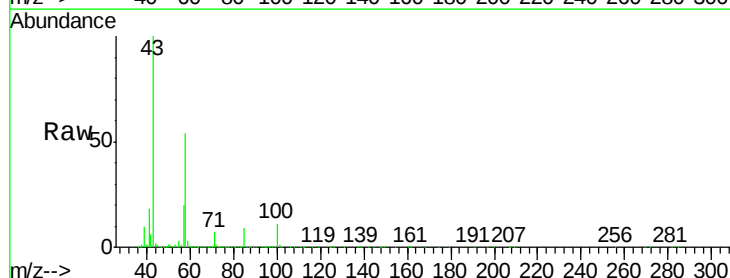
Acq: 31 Aug 2020 19:19

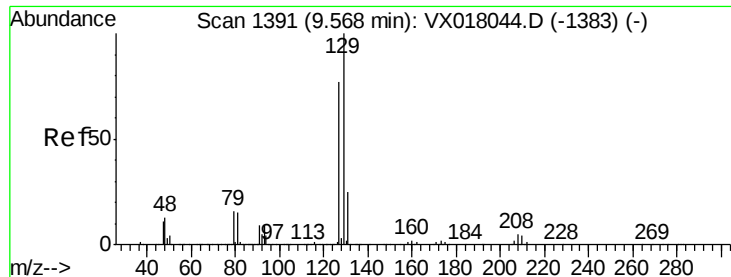
Tgt Ion: 43 Resp: 1429543

Ion Ratio Lower Upper

43 100

58 53.0 26.6 79.7





#60

Dibromochloromethane

Concen: 54.713 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion:129 Resp: 314983

Ion Ratio Lower Upper

129 100

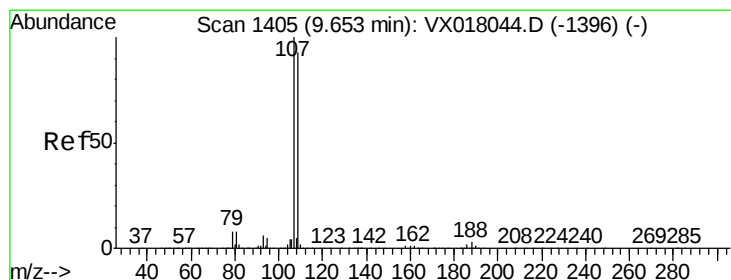
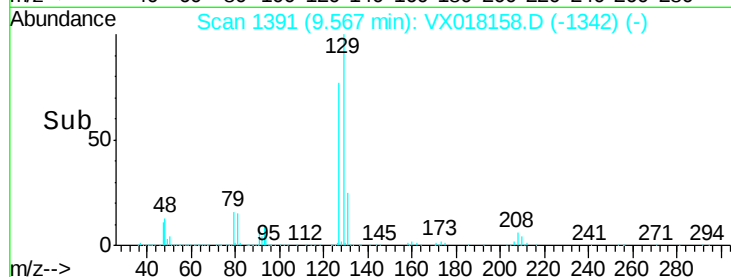
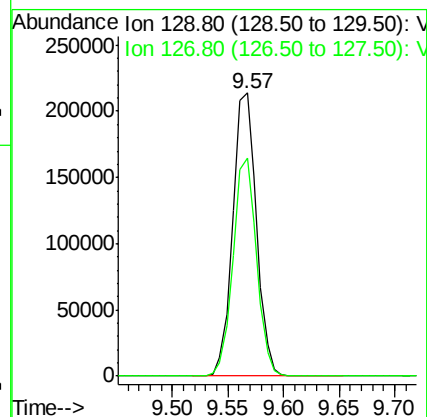
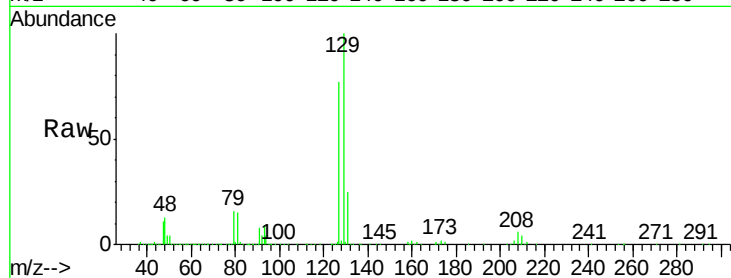
127 76.5 38.9 116.6

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#61

1,2-Dibromoethane

Concen: 53.601 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018158.D

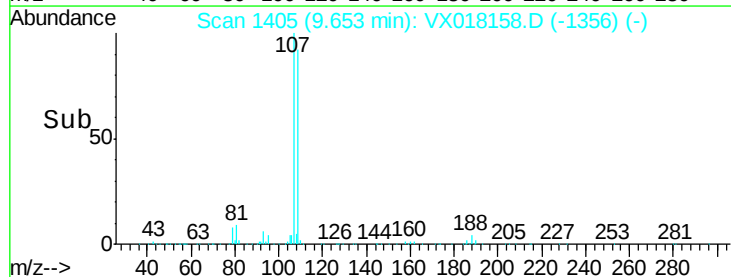
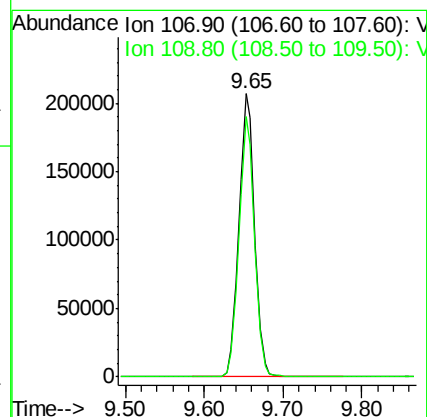
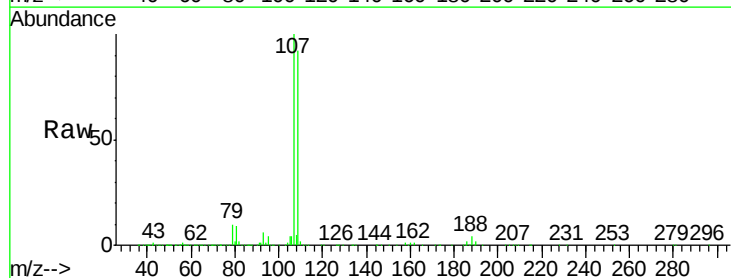
Acq: 31 Aug 2020 19:19

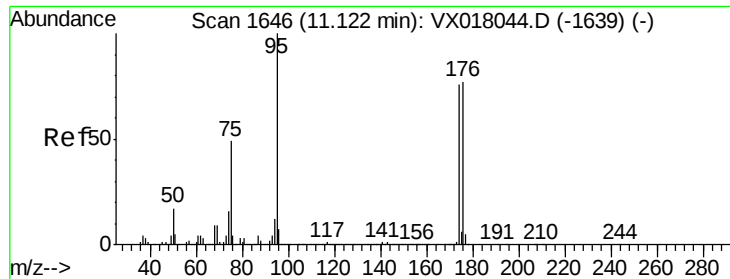
Tgt Ion:107 Resp: 285586

Ion Ratio Lower Upper

107 100

109 91.2 75.9 113.9





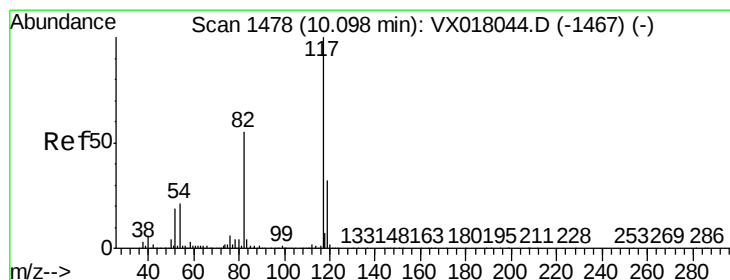
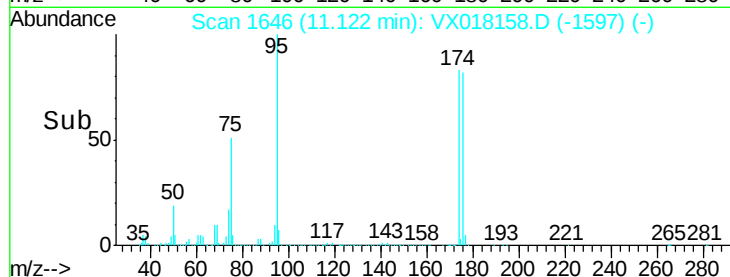
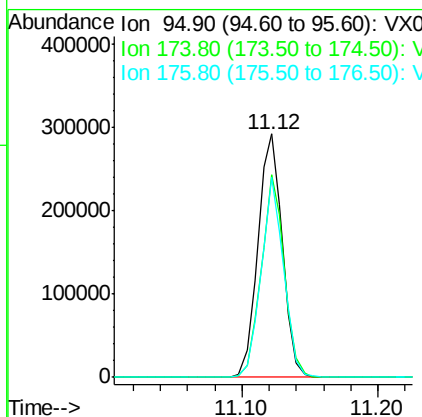
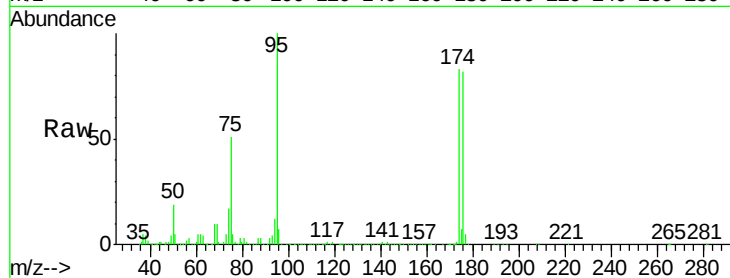
#62
4-Bromofluorobenzene
Concen: 55.145 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	368497		
174	78.7	0.0	160.2	
176	76.1	0.0	155.8	

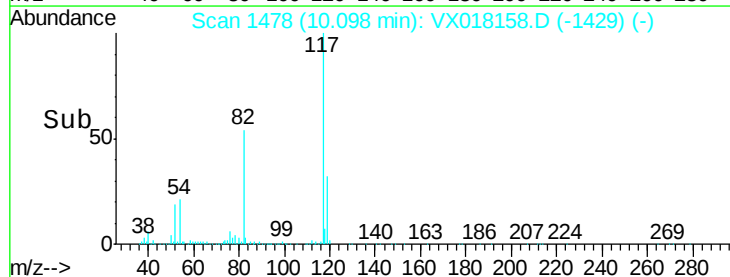
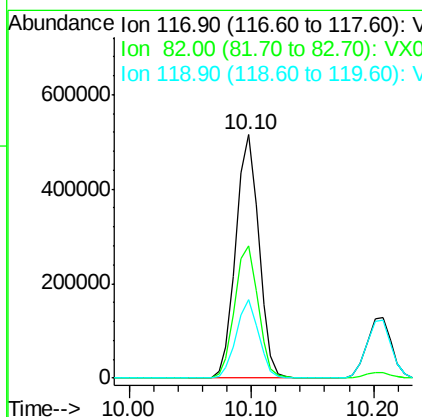
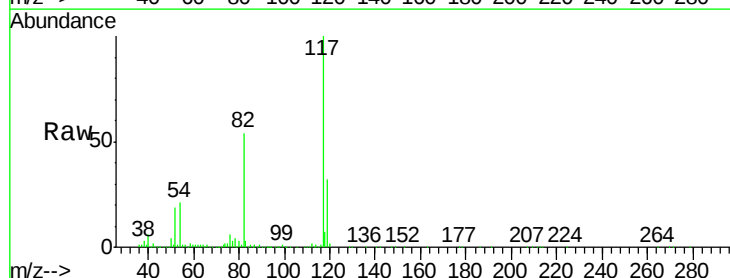
Manual Integrations
APPROVED

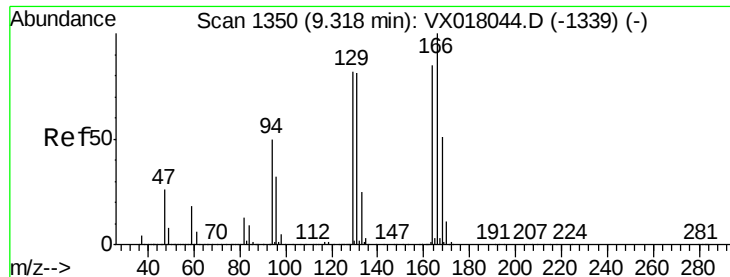
MMDadoda
9/1/2020 9:08:35 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	671130		
82	54.5	44.2	66.2	
119	32.1	25.7	38.5	





#64

Tetrachloroethene

Concen: 50.078 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

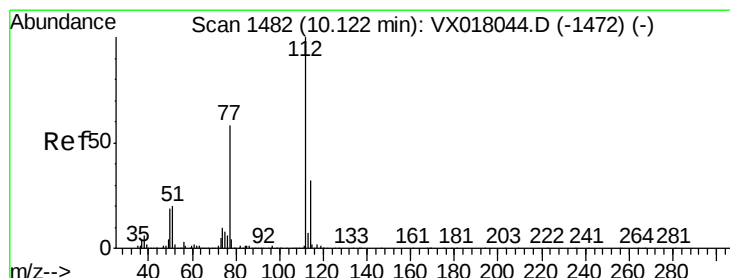
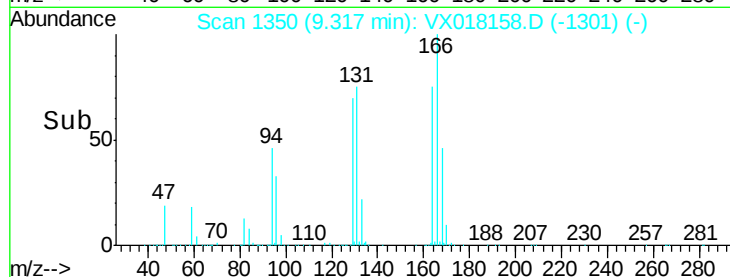
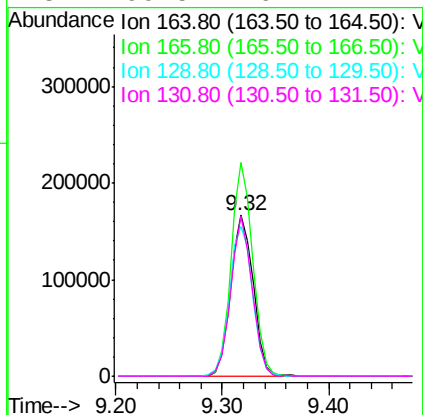
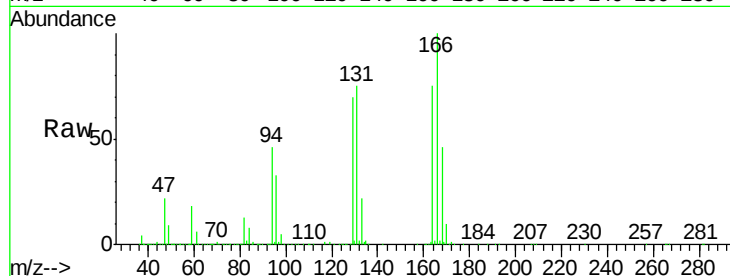
ClientSampleId :

GR-OF-20200827MS

Tot Ion:	164	Resp:	246980
Ion Ratio	Lower	Upper	
164	100		
166	132.9	94.2	141.2
129	93.0	76.9	115.3
131	99.5	76.1	114.1

Manual Integrations
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#65

Chlorobenzene

Concen: 50.364 ug/l

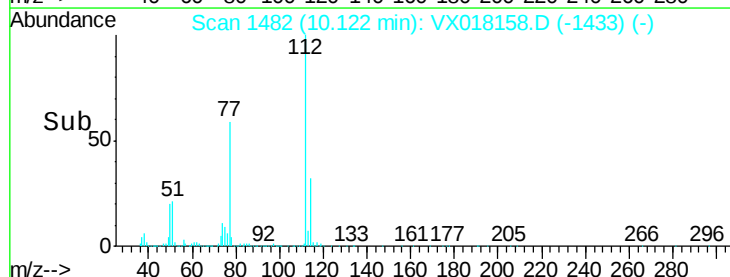
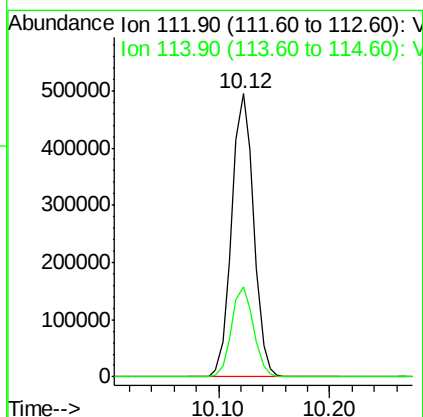
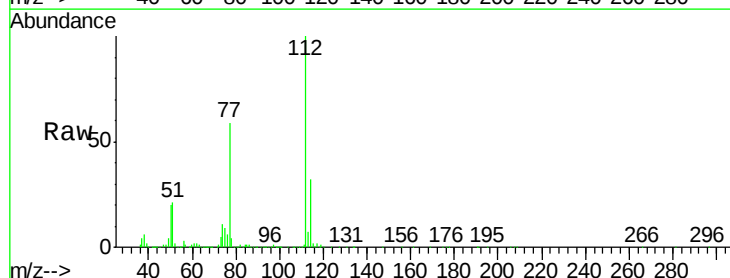
RT: 10.12 min Scan# 1482

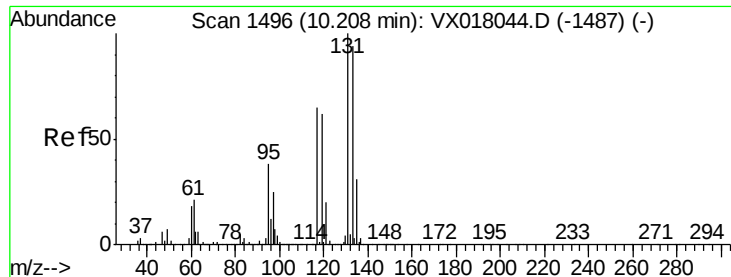
Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion:	112	Resp:	675075
Ion Ratio	Lower	Upper	
112	100		
114	31.7	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 52.267 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

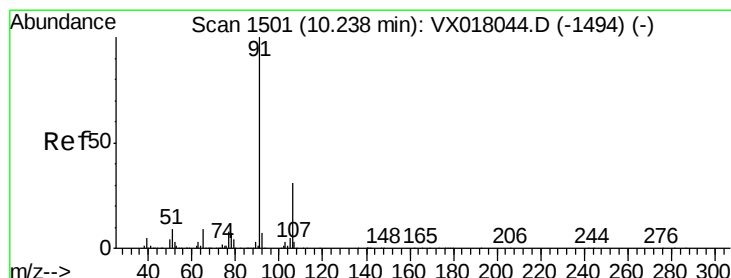
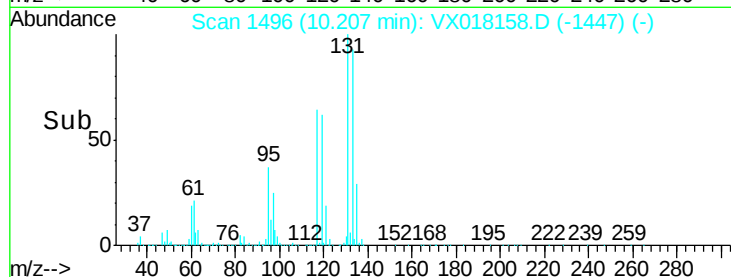
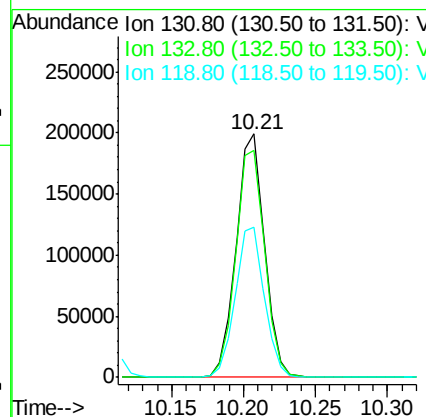
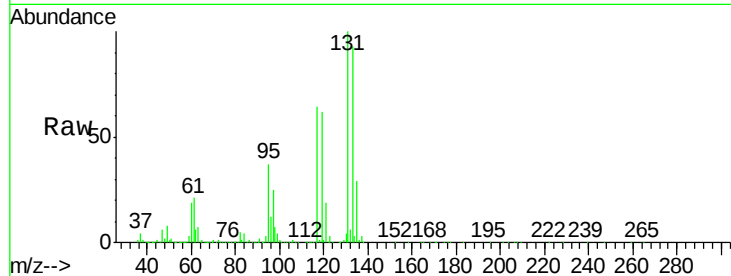
ClientSampleId :

GR-OF-20200827MS

Tot Ion:	131	Resp:	276125
Ion Ratio	Lower	Upper	
131	100		
133	94.9	46.7	140.1
119	62.9	31.8	95.4

Manual Integrations
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#67

Ethyl Benzene

Concen: 52.139 ug/l

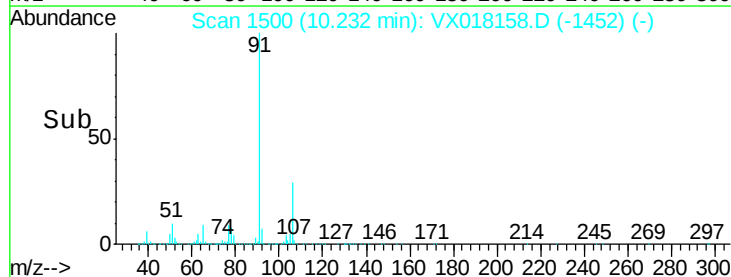
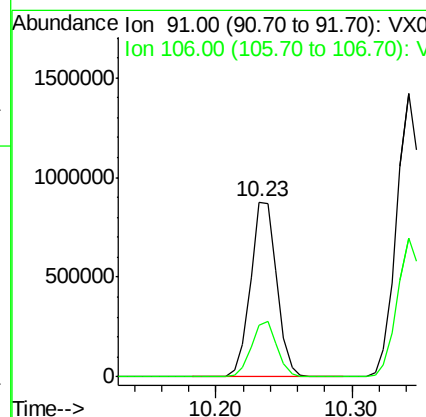
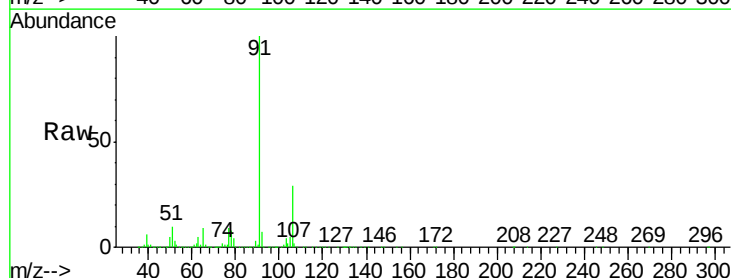
RT: 10.23 min Scan# 1500

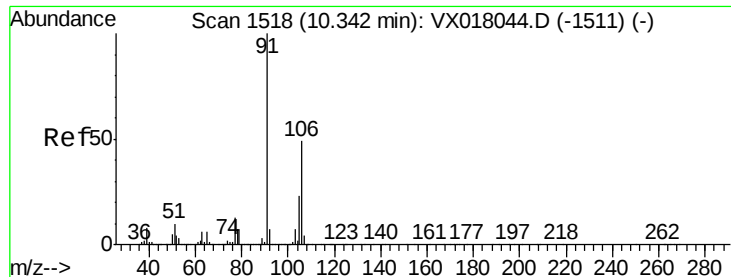
Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion:	91	Resp:	1188495
Ion Ratio	Lower	Upper	
91	100		
106	29.4	24.9	37.3





#68

m/p-Xylenes

Concen: 106.195 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion:106 Resp: 903514

Ion Ratio Lower Upper

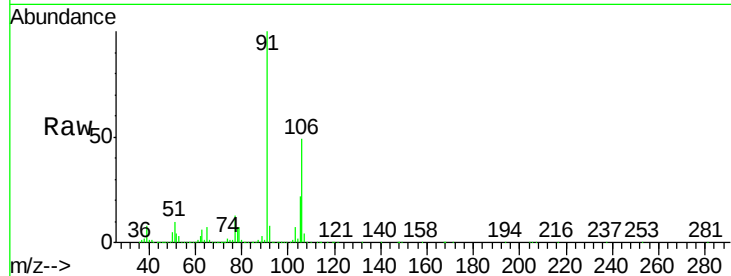
106 100

91 205.3 162.2 243.2

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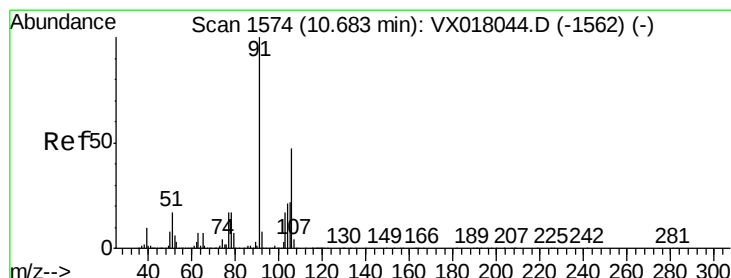
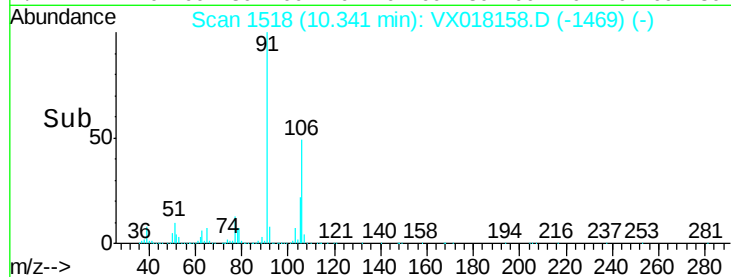
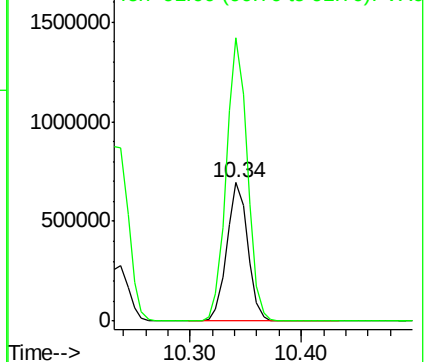
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 52.697 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018158.D

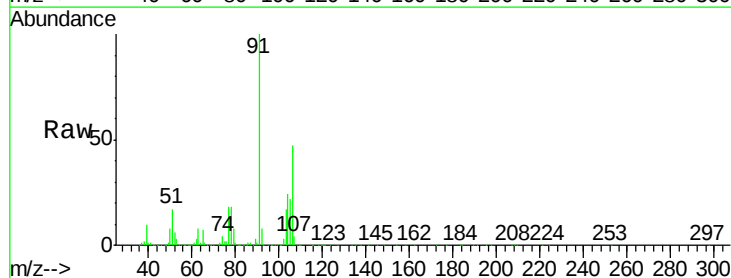
Acq: 31 Aug 2020 19:19

Tgt Ion:106 Resp: 434623

Ion Ratio Lower Upper

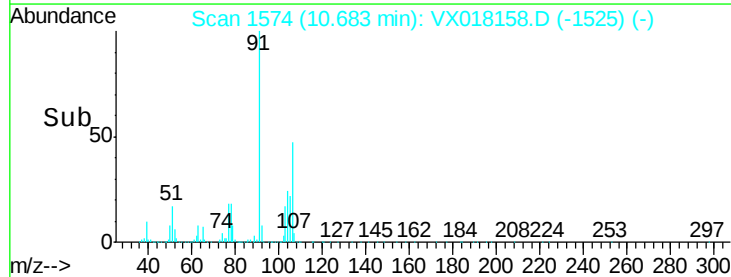
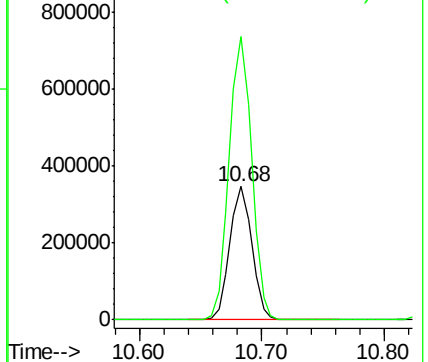
106 100

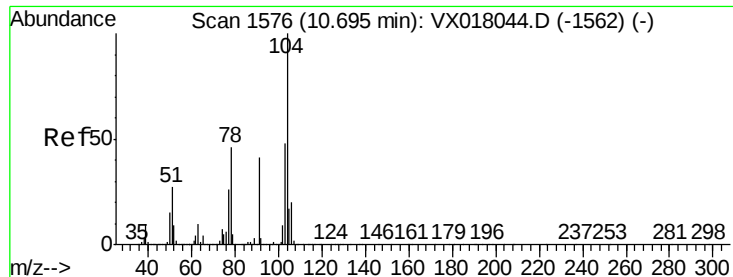
91 216.1 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





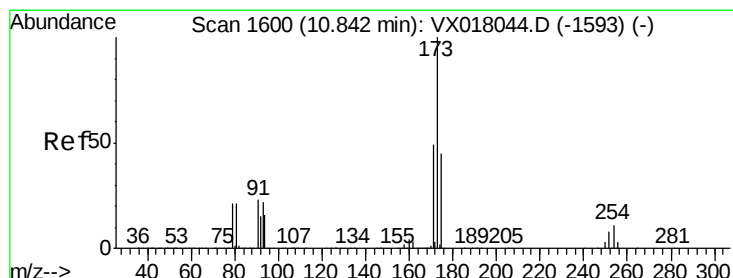
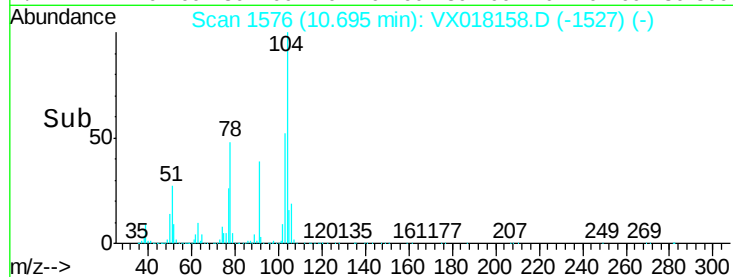
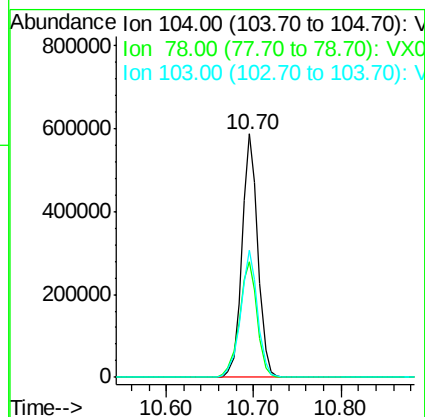
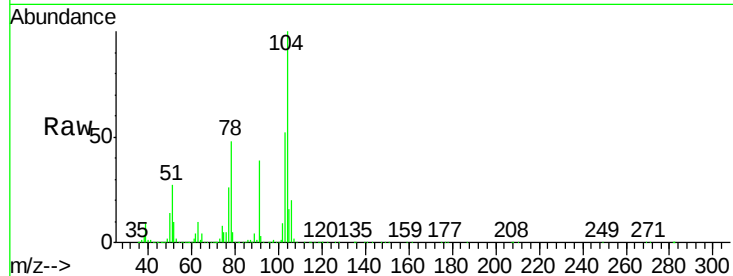
#70
Stvrene
Concen: 53.194 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Resp Lower	Upper
104	100		
78	52.9	40.9	61.3
103	55.6	43.6	65.4

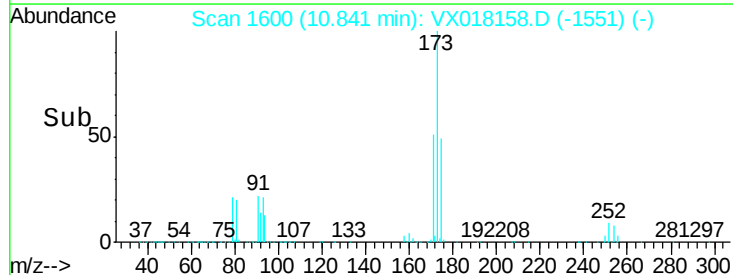
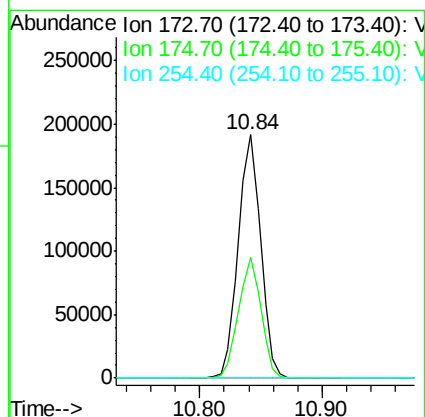
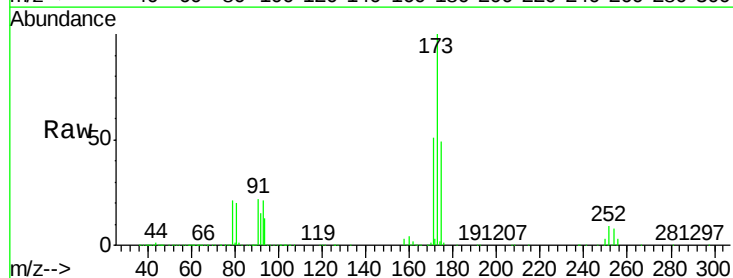
Manual Integrations
APPROVED

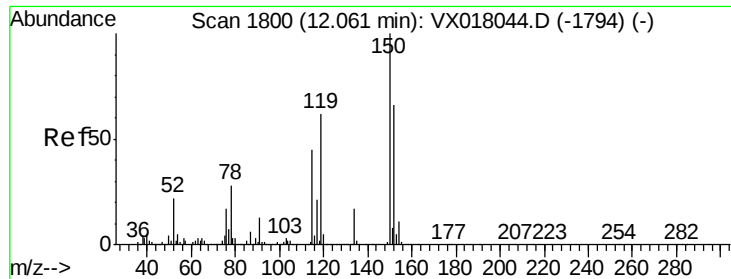
MMDadoda
9/1/2020 9:08:35 AM



#71
Bromoform
Concen: 53.811 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Resp Lower	Upper
173	100		
175	49.8	23.9	71.8
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

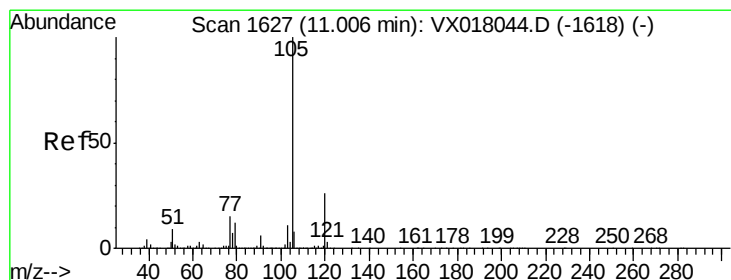
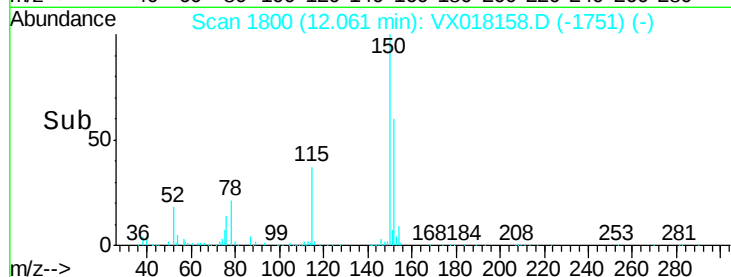
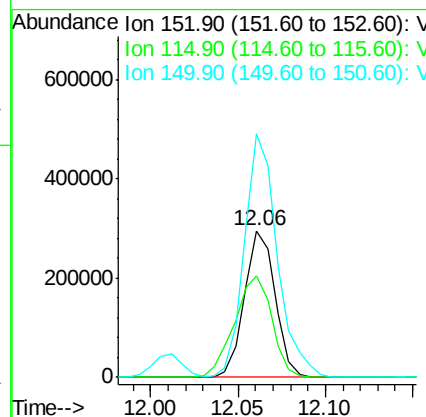
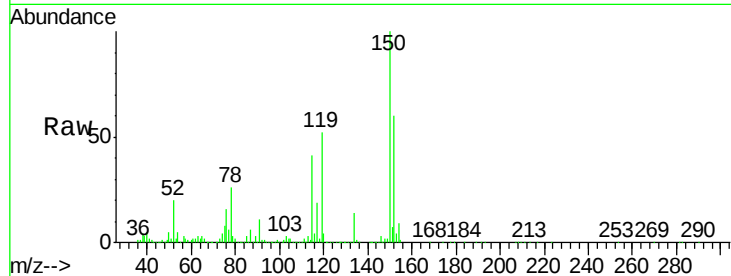
ClientSampleId :

GR-OF-20200827MS

Tot Ion:	152	Resp:	360702
Ion Ratio	Lower	Upper	
152	100		
115	83.6	41.5	124.5
150	177.0	0.0	343.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 49.471 ug/l

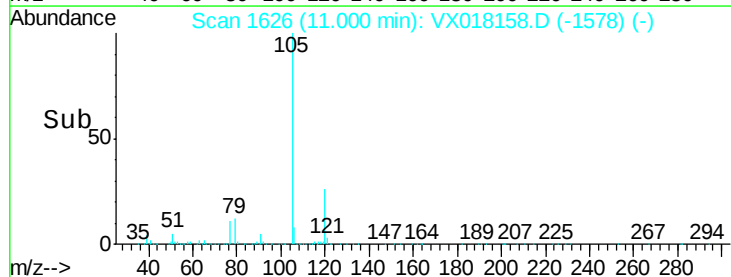
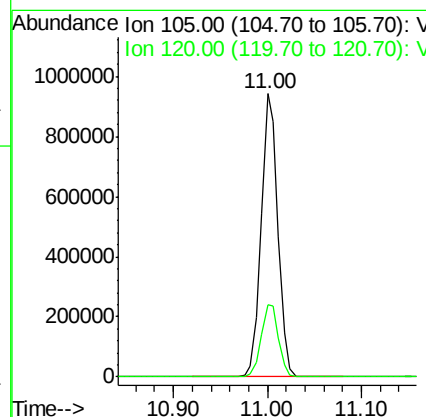
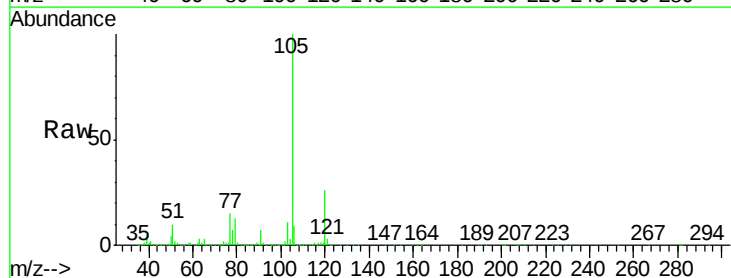
RT: 11.00 min Scan# 1626

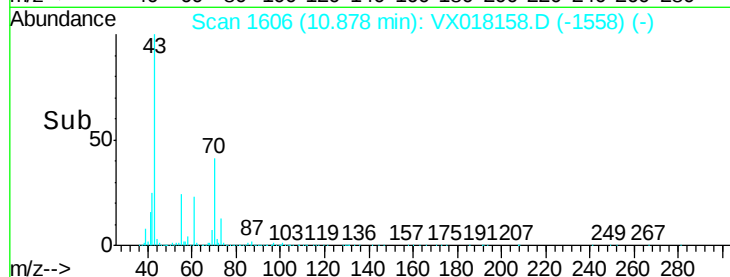
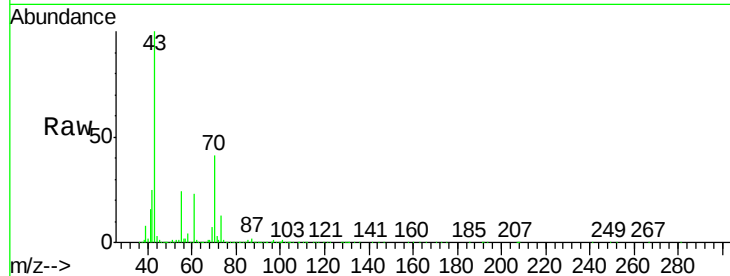
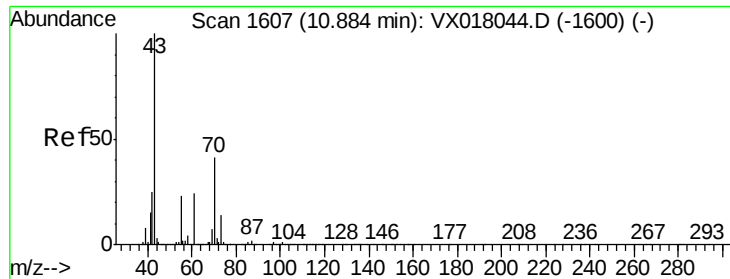
Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion:	105	Resp:	1177037
Ion Ratio	Lower	Upper	
105	100		
120	26.7	13.2	39.5





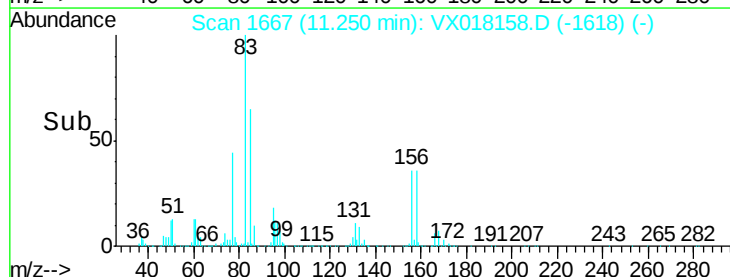
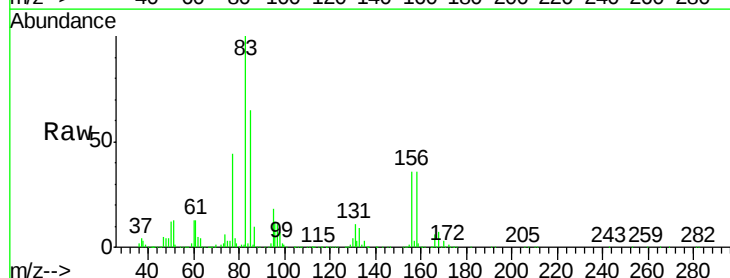
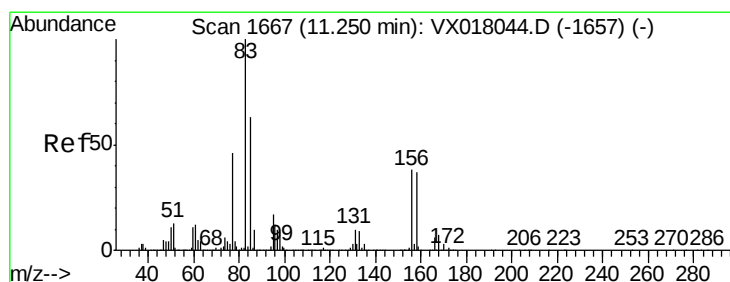
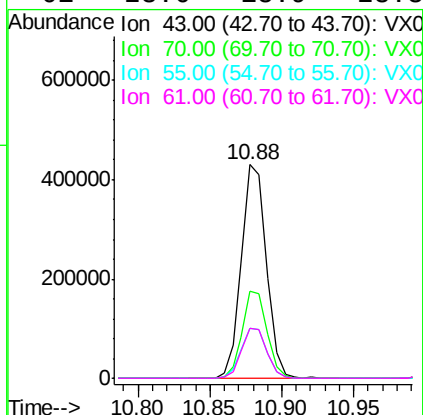
#74
N-amvl acetate
Concen: 45.960 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		518829		
70	40.4	32.3	48.5		
55	24.1	18.2	27.2		
61	23.6	18.9	28.3		

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

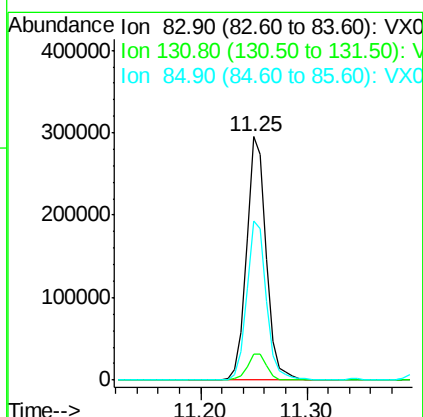
Manual Integrations
APPROVED

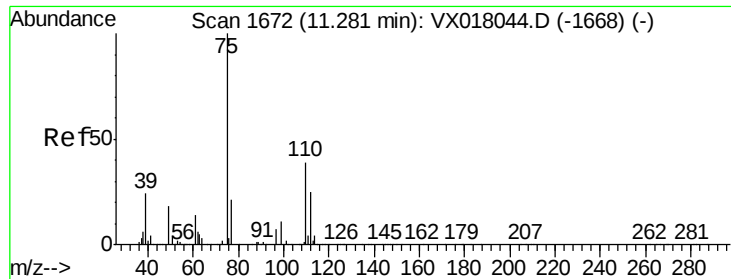
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#75
1,1,2,2-Tetrachloroethane
Concen: 45.384 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		380915		
131	10.8	5.1	15.4		
85	65.7	32.2	96.6		





#76

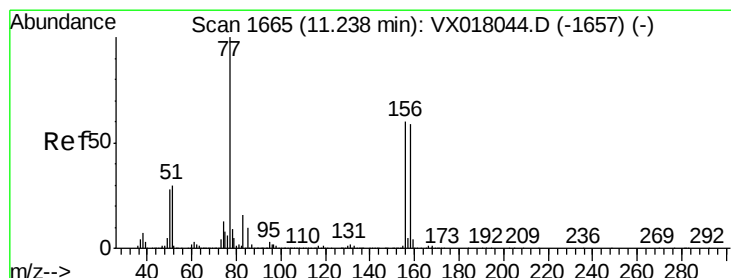
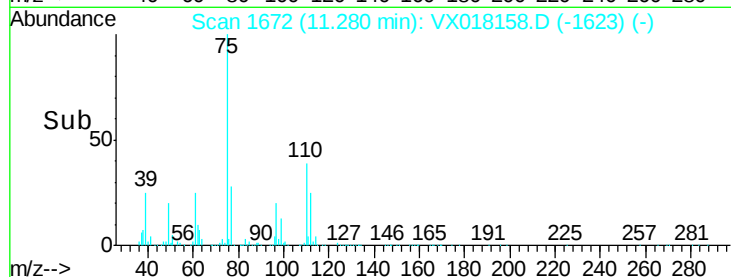
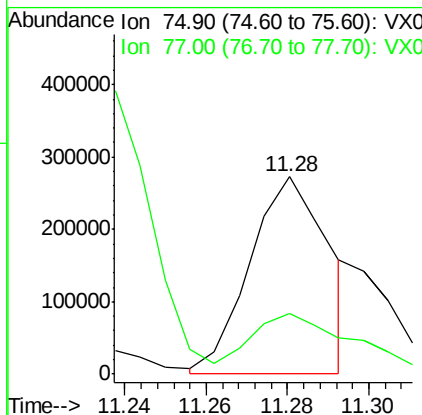
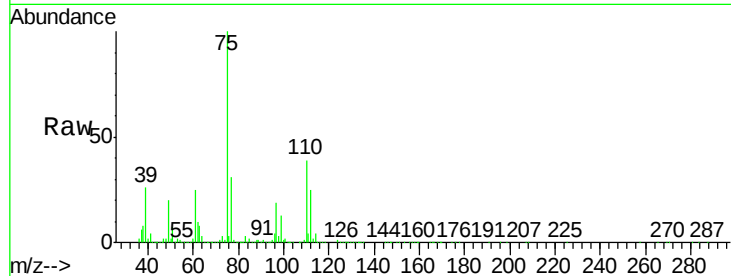
1,2,3-Trichloropropane
Concen: 45.803 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	40.3	20.8	62.2

Manual Integrations
APPROVED

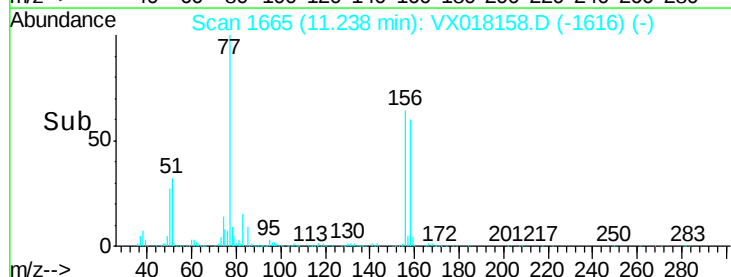
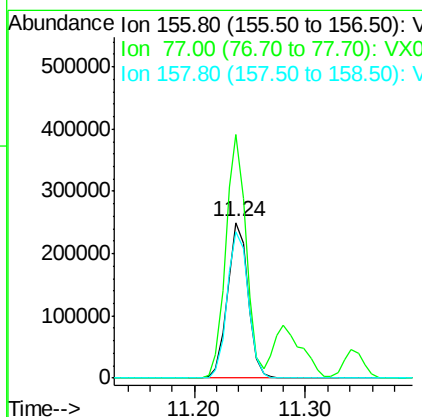
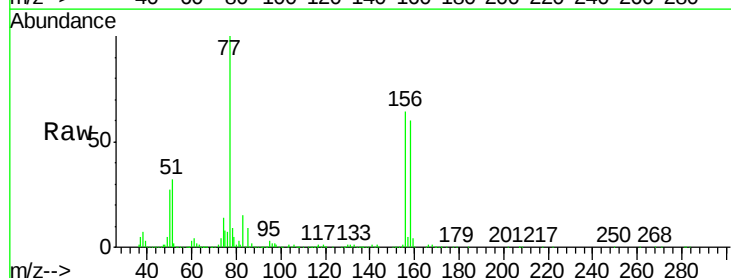
MMDadoda
9/1/2020 9:08:35 AM

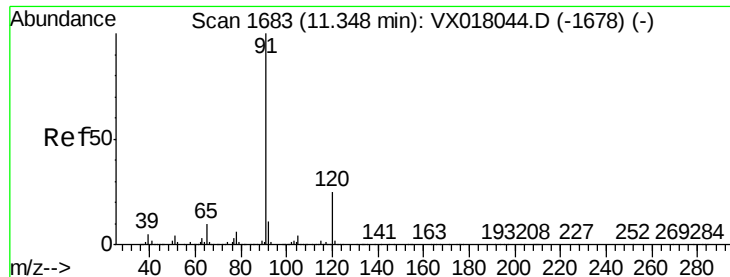


#77

Bromobenzene
Concen: 48.268 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
156	100		
77	155.6	80.0	240.2
158	96.9	49.5	148.7





#78

n-propylbenzene

Concen: 50.180 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion: 91 Resp: 1355610

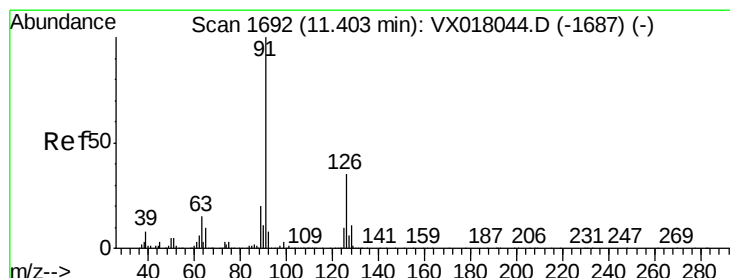
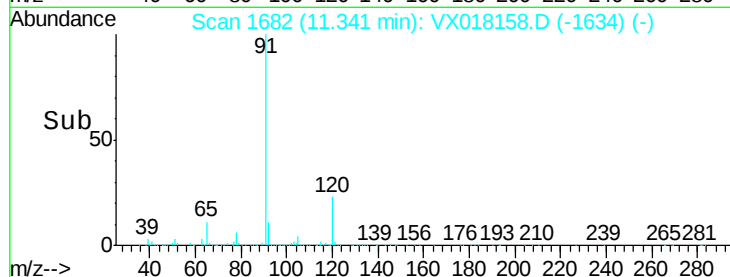
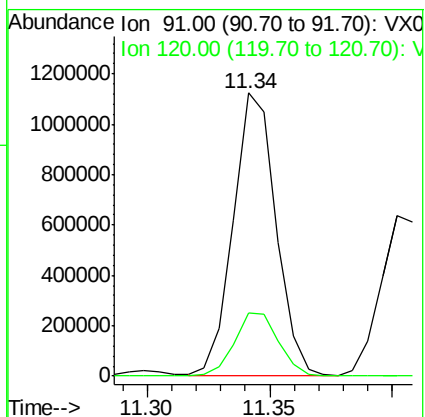
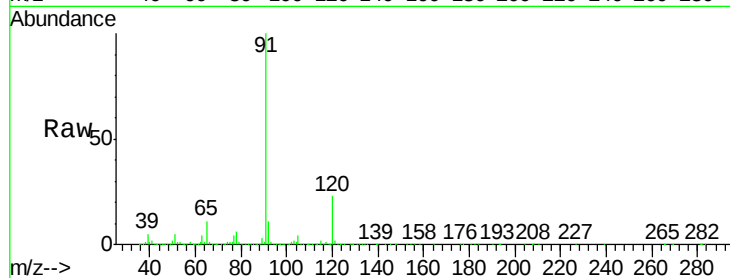
Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9

Manual Integrations
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9/1/2020 9:08:35 AM



#79

2-Chlorotoluene

Concen: 49.503 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018158.D

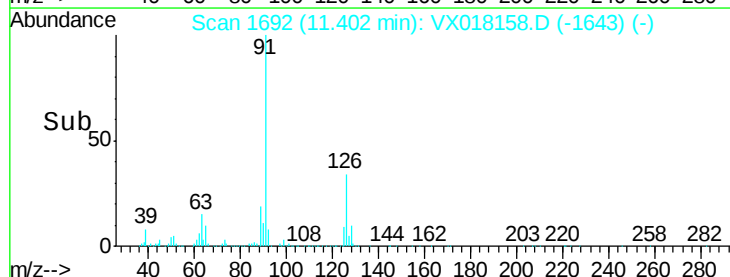
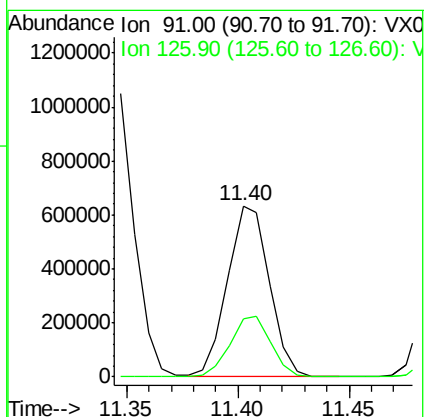
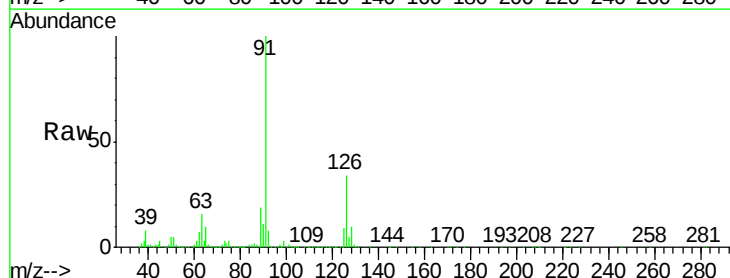
Acq: 31 Aug 2020 19:19

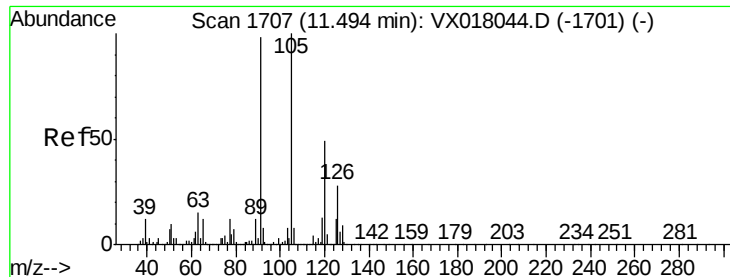
Tgt Ion: 91 Resp: 826234

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2





#80

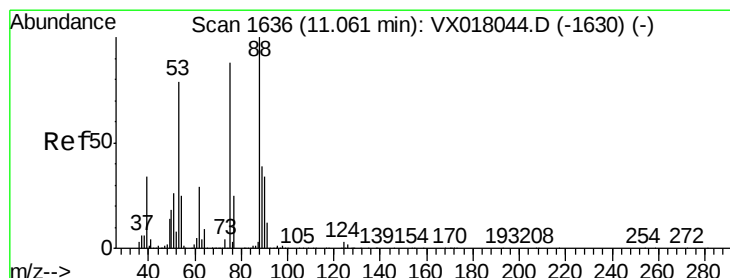
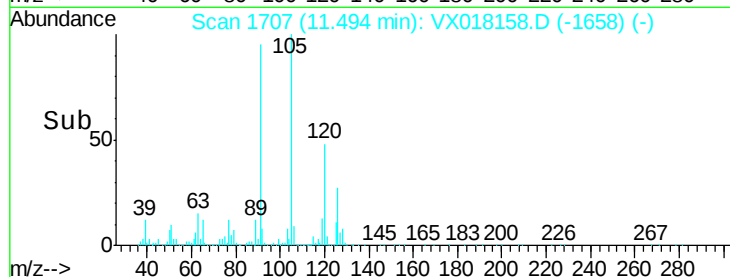
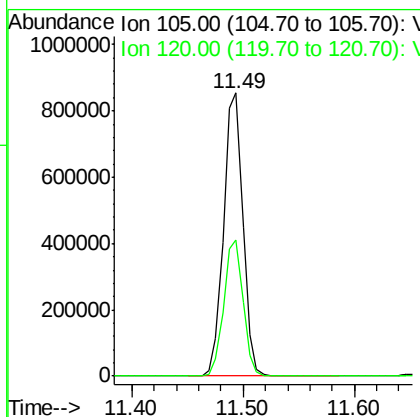
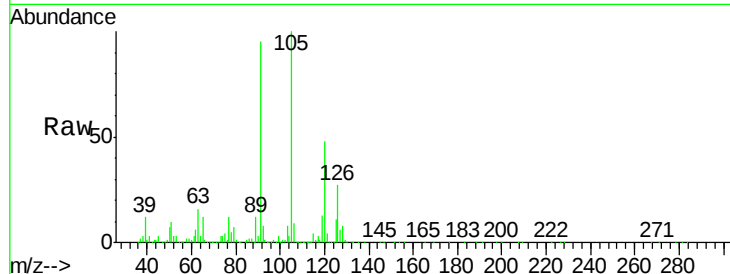
1,3,5-Trimethylbenzene
Concen: 52.330 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion: 105 Resp: 1023130
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.2

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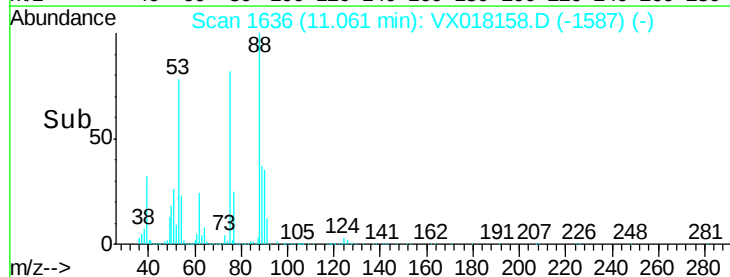
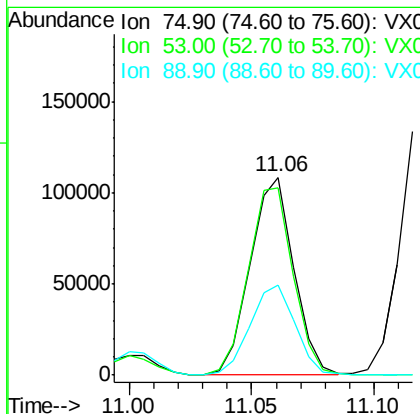
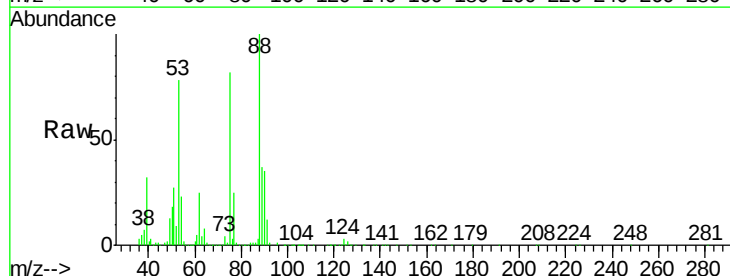
MMDadoda
9/1/2020 9:08:35 AM

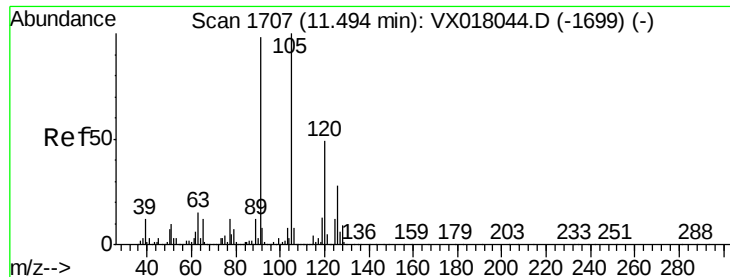


#81

trans-1,4-Dichloro-2-butene
Concen: 44.924 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion: 75 Resp: 133467
Ion Ratio Lower Upper
75 100
53 97.6 74.7 112.1
89 47.5 36.6 54.8





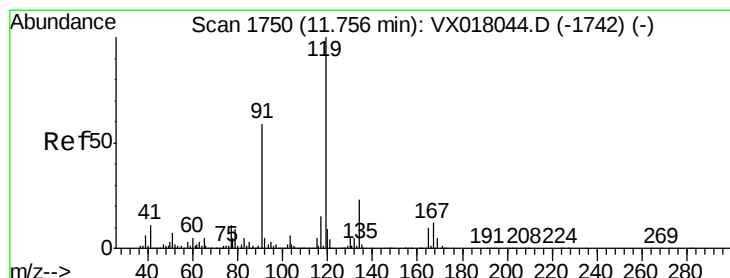
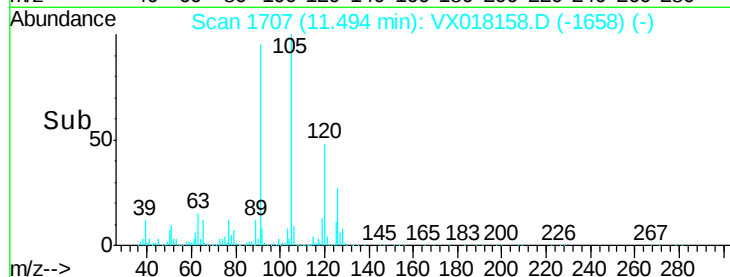
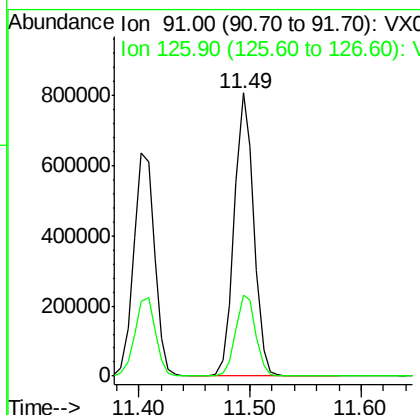
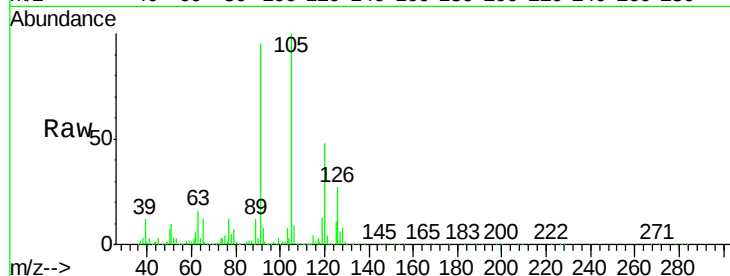
#82
4-Chlorotoluene
Concen: 49.176 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	975728		
126	29.4	15.1	45.3	

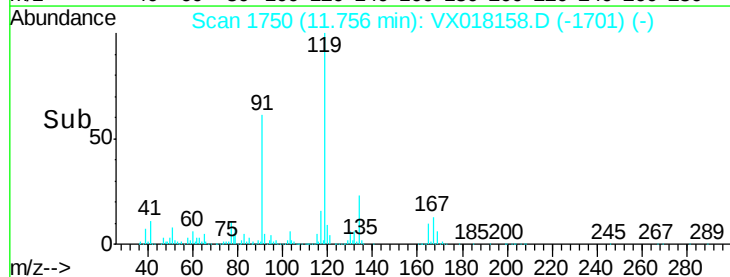
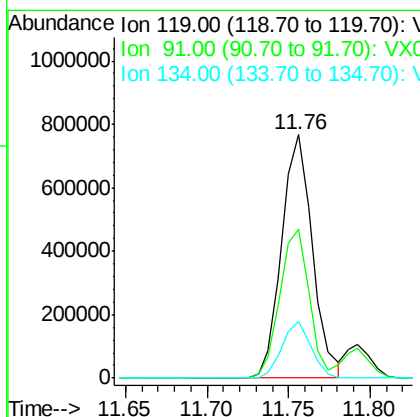
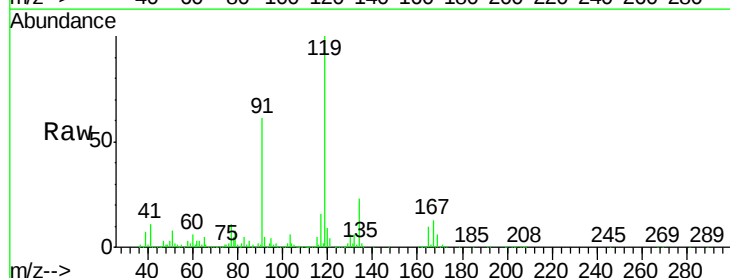
Manual Integrations
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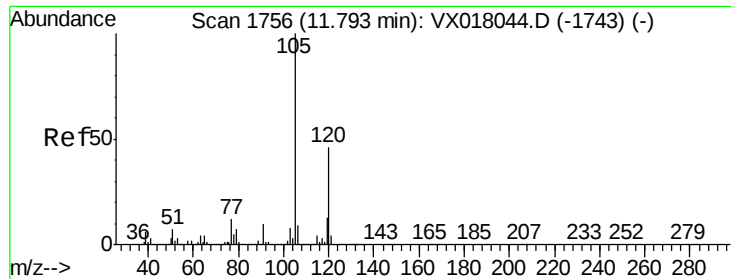
MMDadoda
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#83
tert-Butylbenzene
Concen: 51.900 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	1001396		
91	58.3	28.2	84.7	
134	22.0	11.3	33.8	





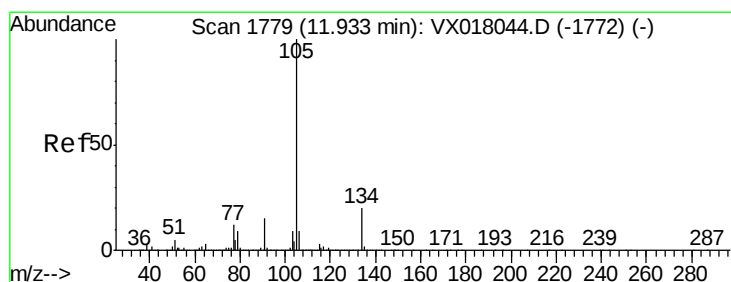
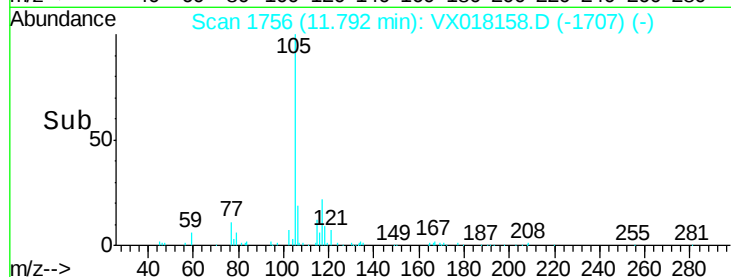
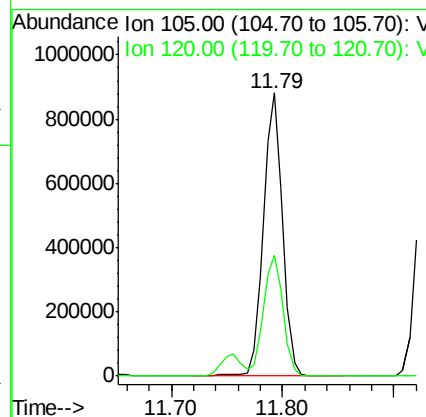
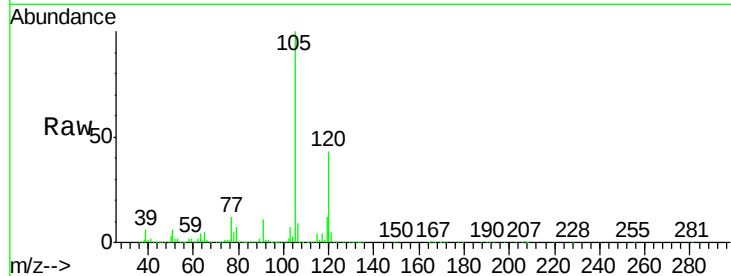
#84
 1,2,4-Trimethylbenzene
 Concen: 52.739 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

Tot Ion:105 Resp: 1054199
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.3 66.9

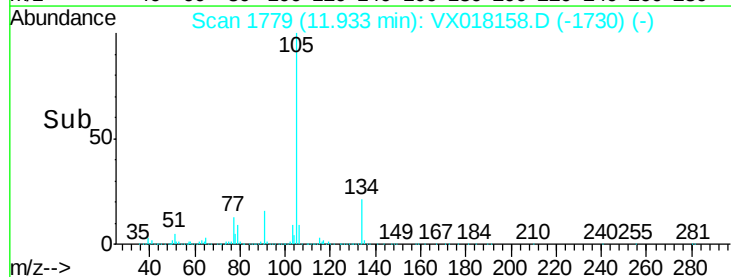
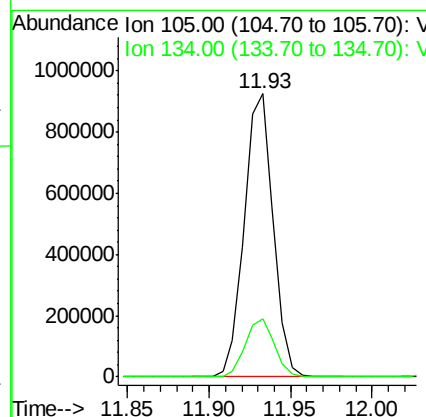
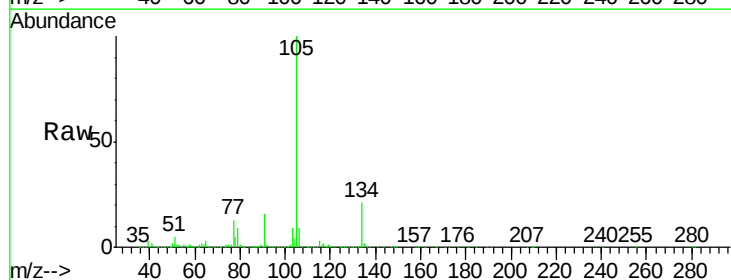
Manual Integrations
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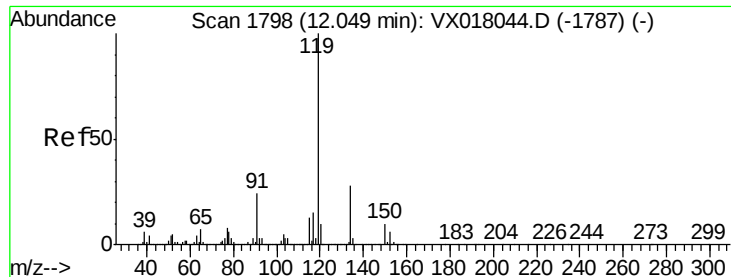
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#85
 sec-Butylbenzene
 Concen: 52.068 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion:105 Resp: 1142476
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.3





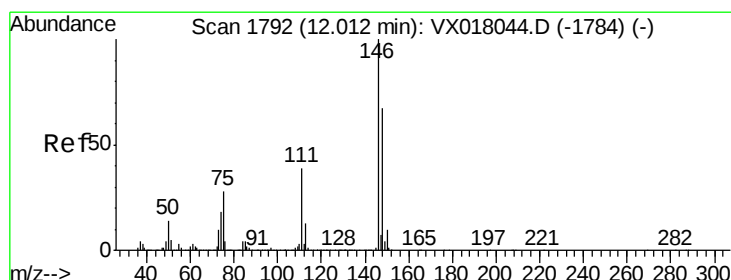
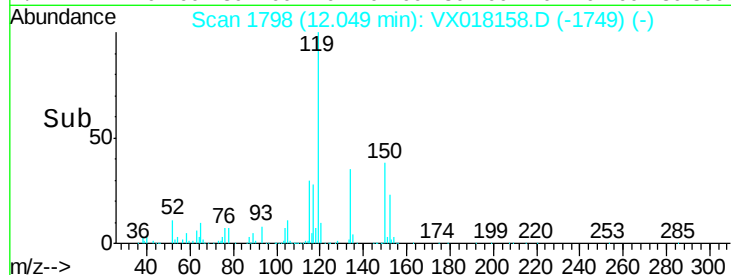
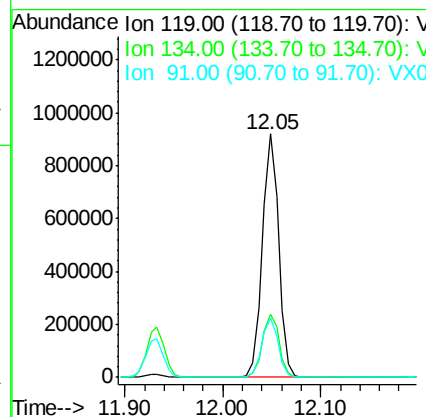
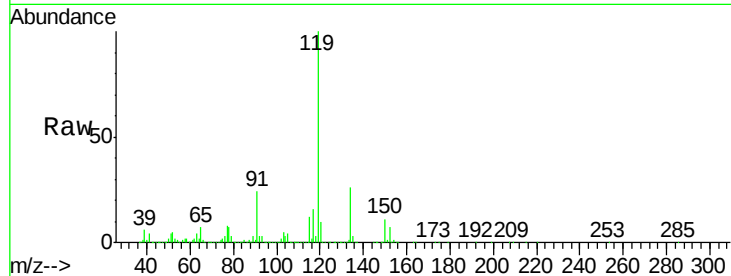
#86
p-Isopropyltoluene
Concen: 52.735 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.2	39.5
91	24.3	11.8	35.4

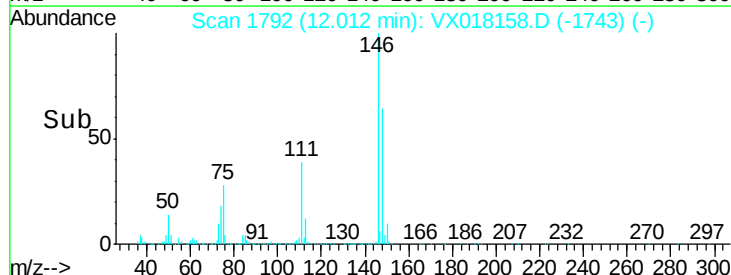
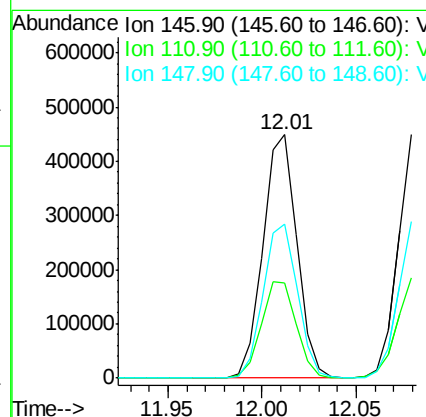
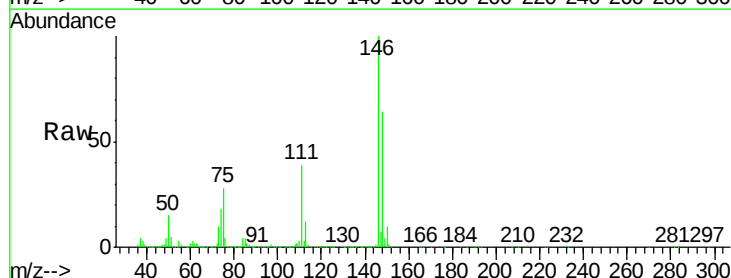
Manual Integrations
APPROVED

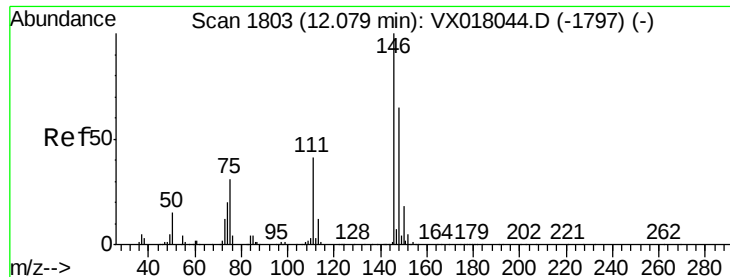
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 48.549 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.8
148	64.2	33.1	99.2





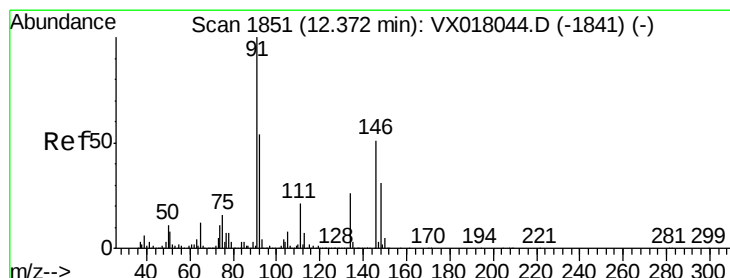
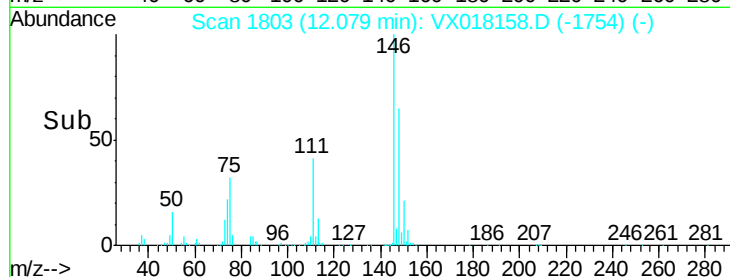
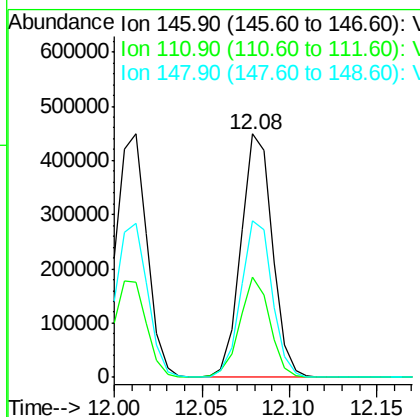
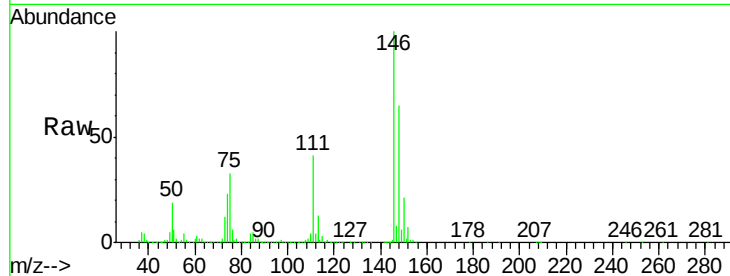
#88
 1,4-Dichlorobenzene
 Concen: 48.280 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	558183		
111	39.6	20.3	60.8	
148	64.0	33.1	99.2	

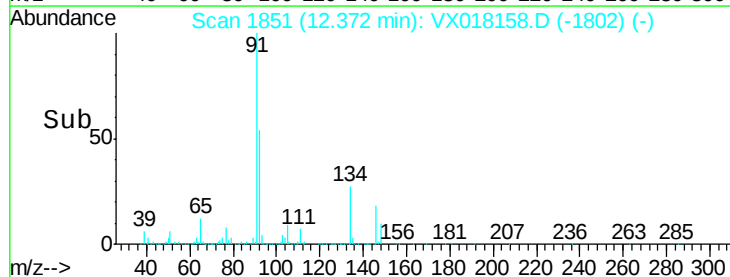
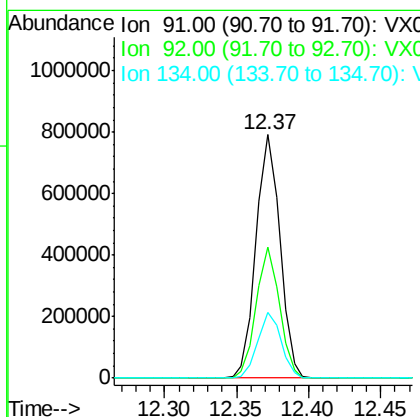
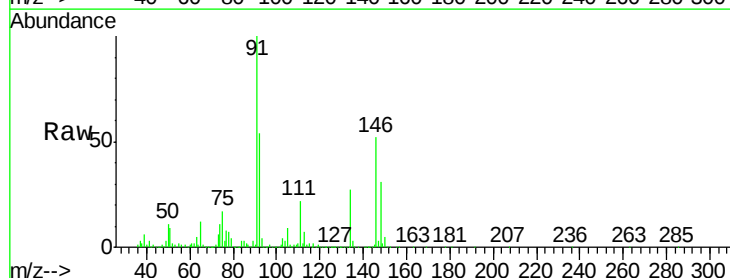
Manual Integrations
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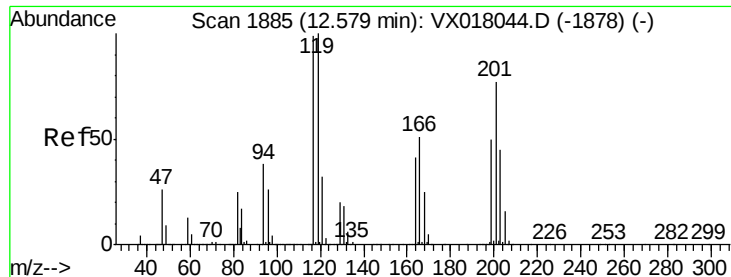
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 9/1/2020 9:08:35 AM



#89
 n-Butylbenzene
 Concen: 49.262 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	906221		
92	52.4	26.4	79.2	
134	26.4	12.9	38.7	





#90

Hexachloroethane

Concen: 54.123 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion:117 Resp: 214620

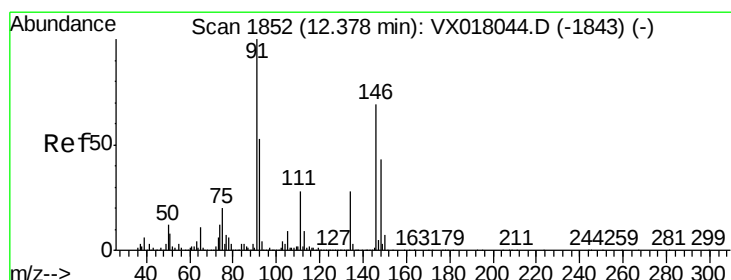
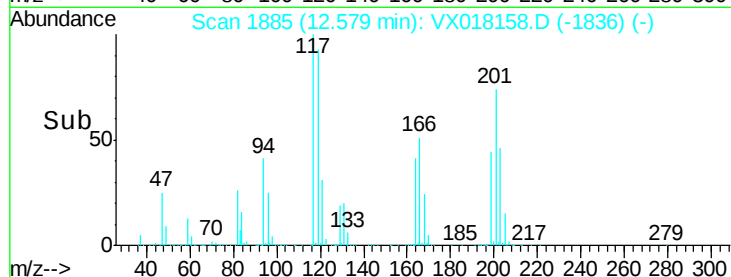
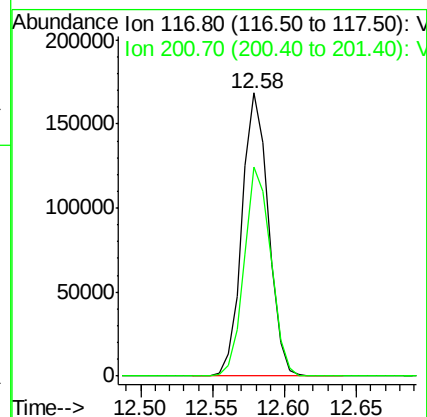
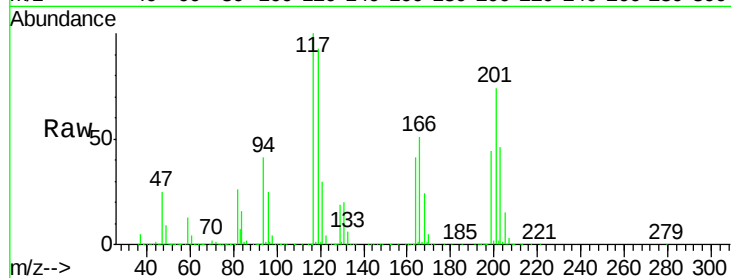
Ion Ratio Lower Upper

117 100

201 74.3 38.5 115.3

Manual Integrations
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#91

1,2-Dichlorobenzene

Concen: 49.901 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

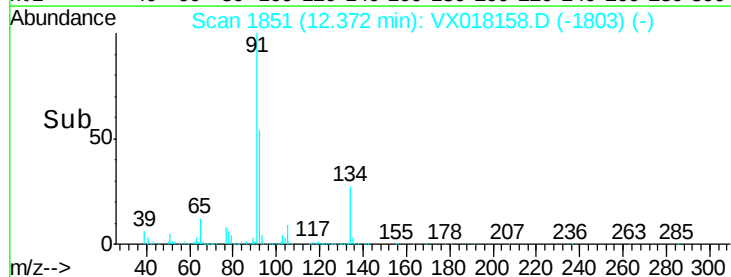
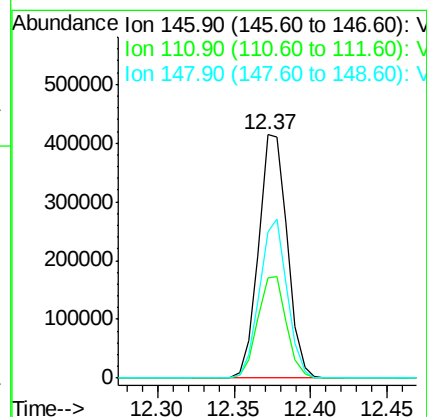
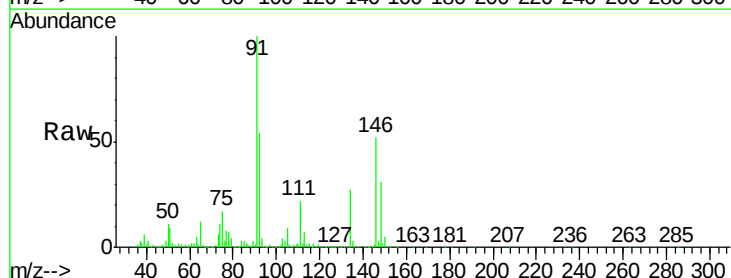
Tgt Ion:146 Resp: 542381

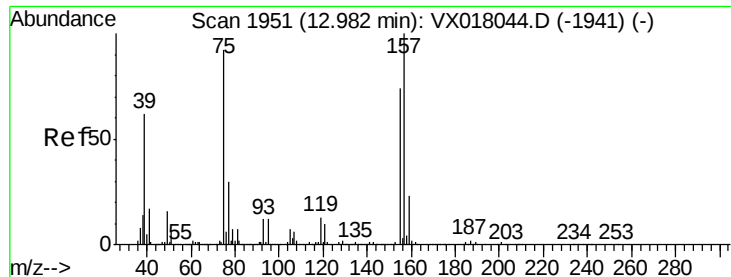
Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.5

148 62.9 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.500 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

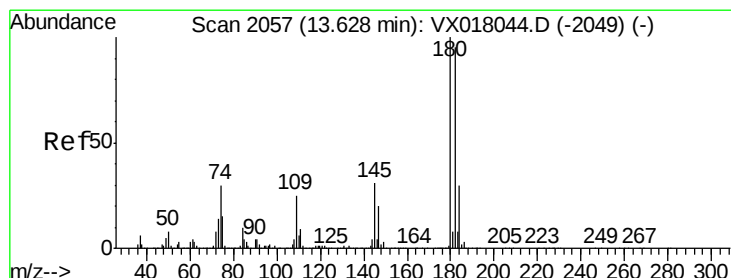
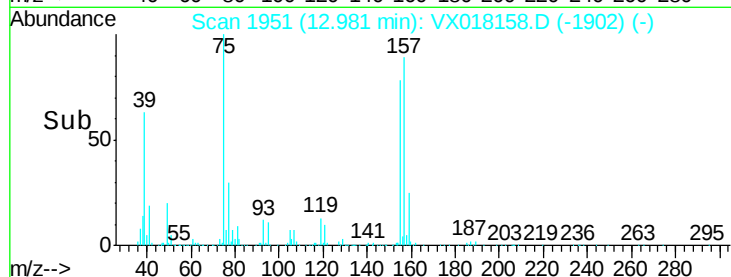
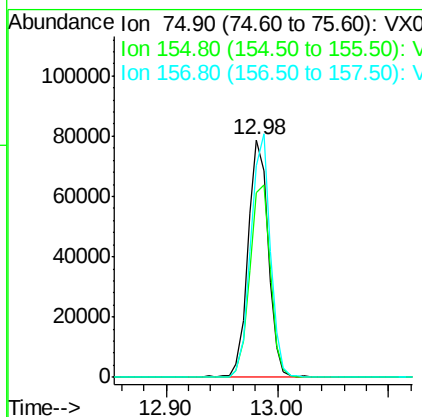
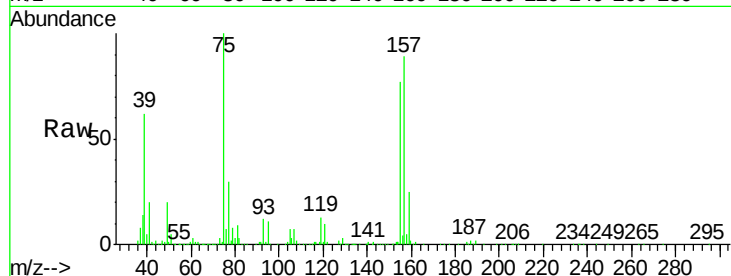
ClientSampleId :

GR-OF-20200827MS

Tot Ion:	75	Resp:	99683
Ion	Ratio	Lower	Upper
75	100		
155	82.5	40.2	120.6
157	99.0	55.0	165.2

Manual Integrations
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#93

1,2,4-Trichlorobenzene

Concen: 48.387 ug/l

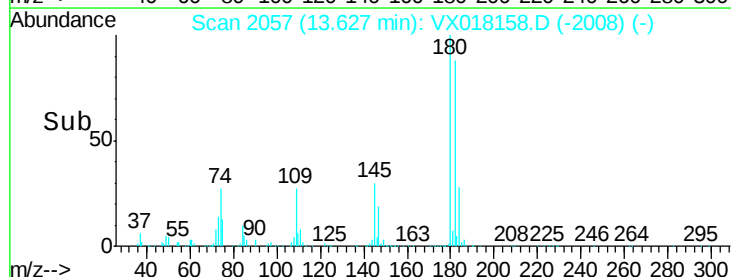
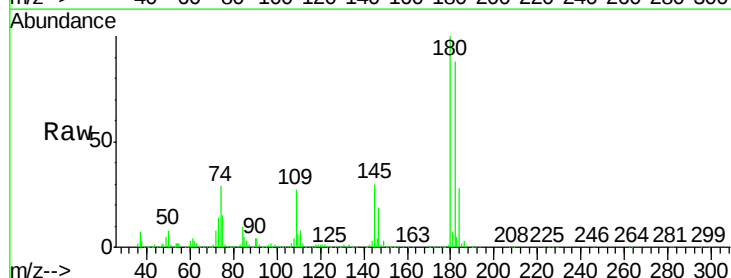
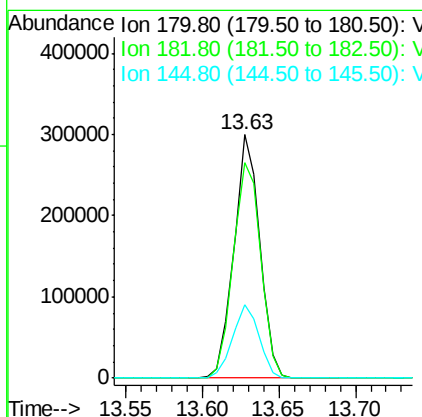
RT: 13.63 min Scan# 2057

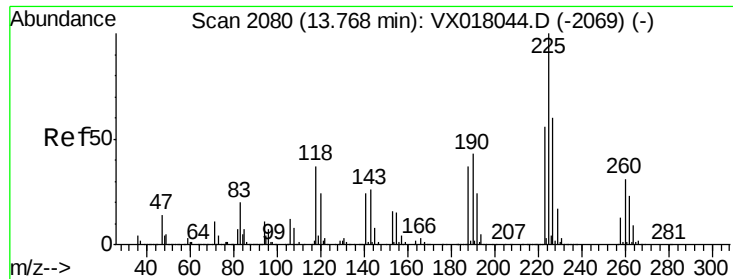
Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion:	180	Resp:	350705
Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.5	142.6
145	31.1	15.7	47.1





#94

Hexachlorobutadiene

Concen: 44.259 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

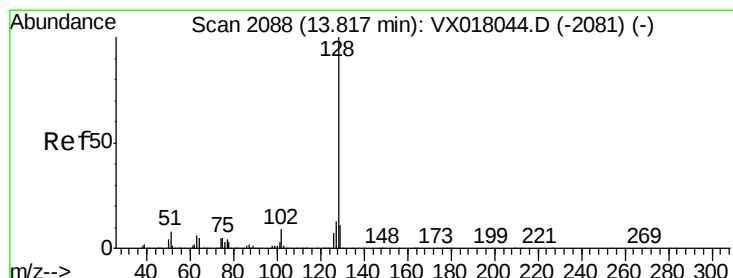
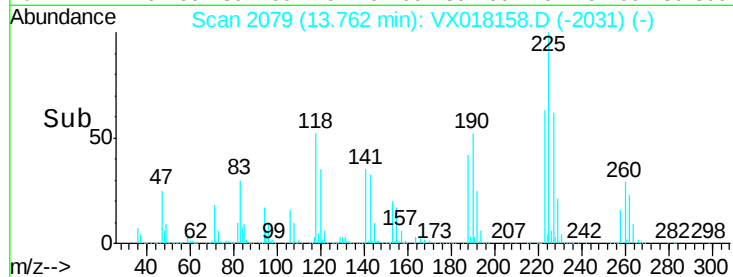
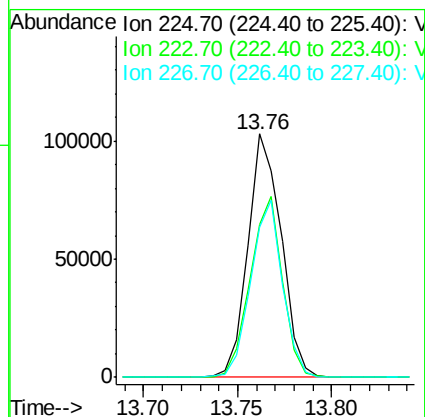
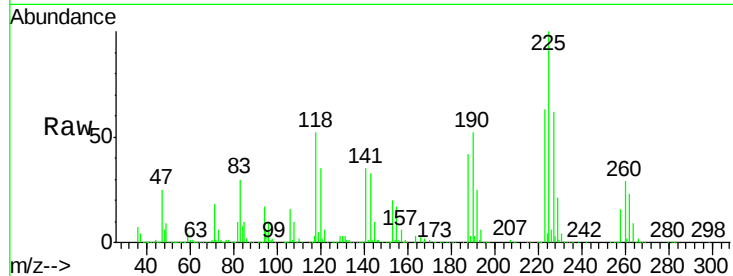
ClientSampleId :

GR-OF-20200827MS

Tot Ion:	225	Resp:	126527
Ion Ratio		Lower	Upper
225	100		
223	71.4	30.7	92.1
227	69.0	32.6	97.8

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:35 AM



#95

Naphthalene

Concen: 49.072 ug/l

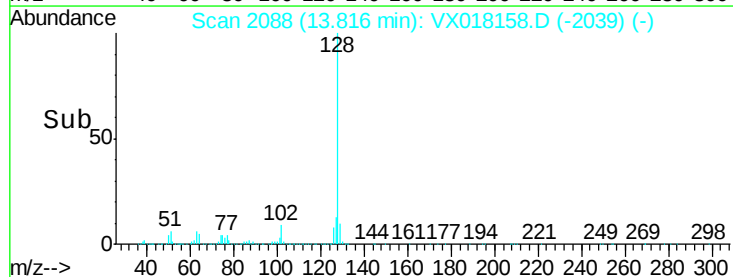
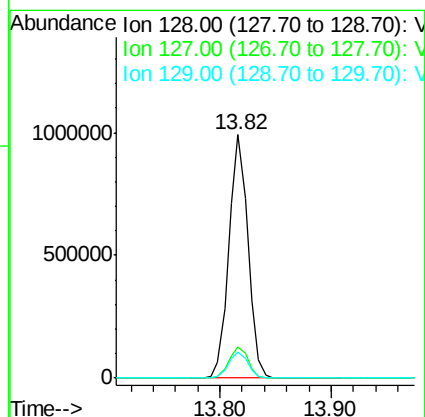
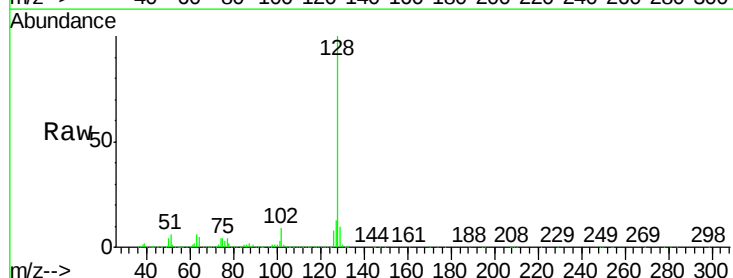
RT: 13.82 min Scan# 2088

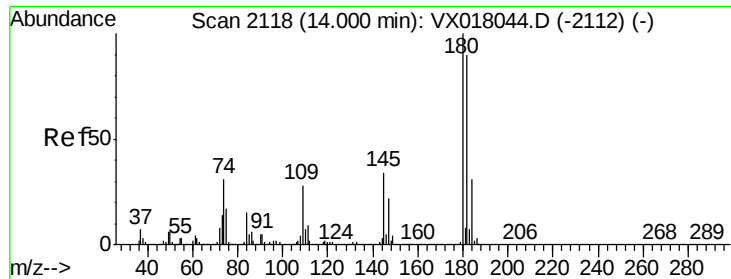
Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion:	128	Resp:	1170516
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 48.337 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	346175		
182	93.7	47.3	142.0	
145	34.1	17.5	52.6	

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:35 AM

