

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022620\
 Data File : VX015029.D
 Acq On : 26 Feb 2020 18:23
 Operator : JC/SP
 Sample : L1683-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MS

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:48:18 AM

Quant Time: Feb 27 03:52:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	394688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	606097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	581982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	230591	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.49	113	193676	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	8.71	98	739941	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.14	95	274904	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	175548	46.966	ug/l	99
3) Chloromethane	1.32	50	217094	51.230	ug/l	100
4) Vinyl Chloride	1.40	62	228591	50.074	ug/l	98
5) Bromomethane	1.63	94	122535	41.469	ug/l	96
6) Chloroethane	1.72	64	135714	46.462	ug/l	98
7) Trichlorofluoromethane	1.92	101	273888	42.942	ug/l	100
8) Diethyl Ether	2.18	74	121688	46.009	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	167080	45.130	ug/l	99
10) Methyl Iodide	2.50	142	179871	44.142	ug/l	99
11) Tert butyl alcohol	3.03	59	212085	269.664	ug/l	100
12) 1,1-Dichloroethene	2.37	96	168612	46.607	ug/l	93
13) Acrolein	2.28	56	132223	220.583	ug/l	100
14) Allyl chloride	2.72	41	311873	48.623	ug/l	92
15) Acrylonitrile	3.13	53	577736	289.768	ug/l	99
16) Acetone	2.43	43	441502	181.522	ug/l	96
17) Carbon Disulfide	2.56	76	422426	41.791	ug/l	97
18) Methyl Acetate	2.76	43	255917	57.045	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	615273	52.258	ug/l	100
20) Methylene Chloride	2.85	84	200159	46.712	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	193199	48.398	ug/l	99
22) Diisopropyl ether	3.84	45	680927	55.584	ug/l	96
23) Vinyl Acetate	3.80	43	2744675	271.788	ug/l	99
24) 1,1-Dichloroethane	3.69	63	370708	53.618	ug/l	98
25) 2-Butanone	4.66	43	805942	265.766	ug/l	100
26) 2,2-Dichloropropane	4.58	77	250344	42.016	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	371912	83.347	ug/l	94
28) Bromochloromethane	5.01	49	149958	55.957	ug/l	96
29) Tetrahydrofuran	5.11	42	547483	317.586	ug/l	99
30) Chloroform	5.20	83	363087	52.931	ug/l	98
31) Cyclohexane	5.58	56	312176	49.574	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	302708	50.448	ug/l	99
36) 1,1-Dichloropropene	5.79	75	265023	48.882	ug/l	99
37) Ethyl Acetate	4.82	43	299390	52.945	ug/l	99
38) Carbon Tetrachloride	5.78	117	256741	48.592	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	316742	46.713	ug/l	99
40) Benzene	6.14	78	834213	51.497	ug/l	99
41) Methacrylonitrile	5.03	41	180075	59.112	ug/l	98
42) 1,2-Dichloroethane	6.19	62	293193	50.077	ug/l	99
43) Isopropyl Acetate	6.44	43	495094	53.075	ug/l	100
44) Trichloroethene	7.21	130	244748	52.045	ug/l	100
45) 1,2-Dichloropropane	7.51	63	217673	52.689	ug/l	100
46) Dibromomethane	7.65	93	145246	51.433	ug/l	97
47) Bromodichloromethane	7.89	83	283655	50.659	ug/l	99
48) Methyl methacrylate	7.76	41	252916	55.093	ug/l	98
49) 1,4-Dioxane	7.73	88	96911	1129.068	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1617704	287.203	ug/l	99
52) Toluene	8.78	92	525173	51.044	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	306188	49.896	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	338395	49.918	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	219359	52.697	ug/l	99
56) Ethyl methacrylate	9.17	69	344485	55.058	ug/l	98
57) 1,3-Dichloropropane	9.37	76	364943	52.082	ug/l	99
59) 2-Hexanone	9.48	43	1225546	276.815	ug/l	98
60) Dibromochloromethane	9.57	129	230574	51.471	ug/l	96
61) 1,2-Dibromoethane	9.67	107	228691	50.918	ug/l	98
64) Tetrachloroethene	9.33	164	229973	42.264	ug/l	96
65) Chlorobenzene	10.14	112	572860	48.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	213462	49.811	ug/l	99
67) Ethyl Benzene	10.25	91	993240	49.476	ug/l	100
68) m/p-Xylenes	10.36	106	761405	98.454	ug/l	98
69) o-Xylene	10.70	106	369369	49.686	ug/l	100
70) Styrene	10.71	104	639999	50.888	ug/l	99
71) Bromoform	10.85	173	181466	50.731	ug/l #	98
73) Isopropylbenzene	11.01	105	993326	51.010	ug/l	100
74) N-amyl acetate	10.89	43	425020	52.528	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	342131	53.746	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	275287m	49.024	ug/l	
77) Bromobenzene	11.25	156	263255	48.435	ug/l	99
78) n-propylbenzene	11.35	91	1113782	49.451	ug/l	100
79) 2-Chlorotoluene	11.42	91	657628	49.666	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	822330	50.539	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	108254	49.347	ug/l	99
82) 4-Chlorotoluene	11.51	91	768122	48.986	ug/l	99
83) tert-Butylbenzene	11.76	119	811424	52.662	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	822070	50.134	ug/l	99
85) sec-Butylbenzene	11.94	105	960981	50.205	ug/l	99
86) p-Isopropyltoluene	12.06	119	893175	49.865	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	467308	47.926	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	472878	47.491	ug/l	99
89) n-Butylbenzene	12.39	91	772333	48.144	ug/l	99
90) Hexachloroethane	12.59	117	158414	50.643	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	469016	49.049	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73478	49.201	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	334502	47.394	ug/l	97

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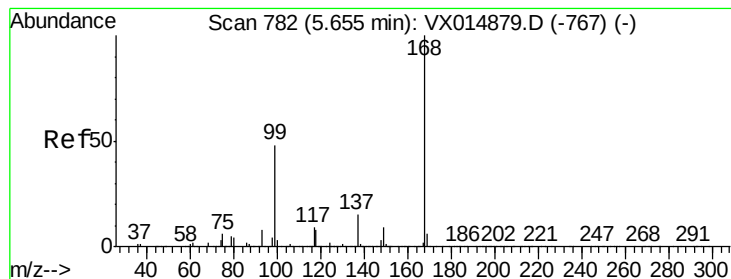
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QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	158620	46.465	ug/l	98
95) Naphthalene	13.83	128	997174	53.138	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	336451	49.341	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MS

Tot Ion:168 Resp: 394688

Ion Ratio Lower Upper

168 100

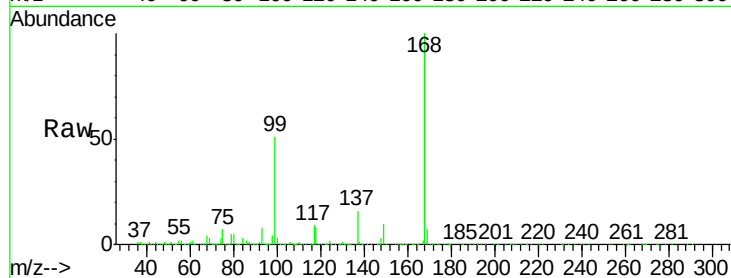
99 50.8 38.7 58.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

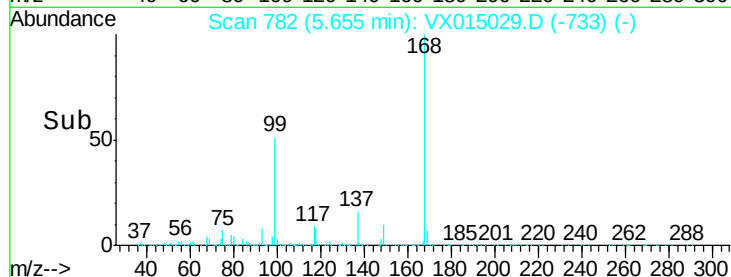
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100000

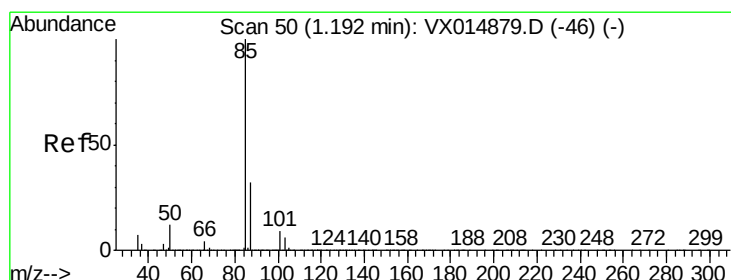
50000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 46.966 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015029.D

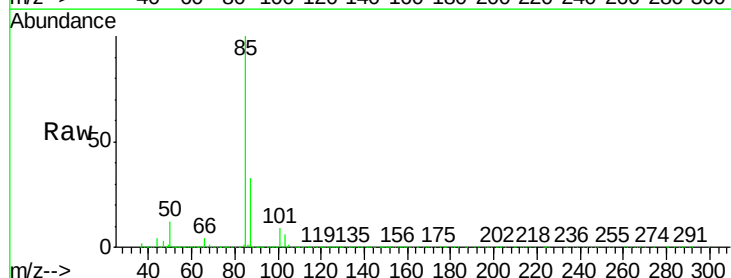
Acq: 26 Feb 2020 18:23

Tgt Ion: 85 Resp: 175548

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

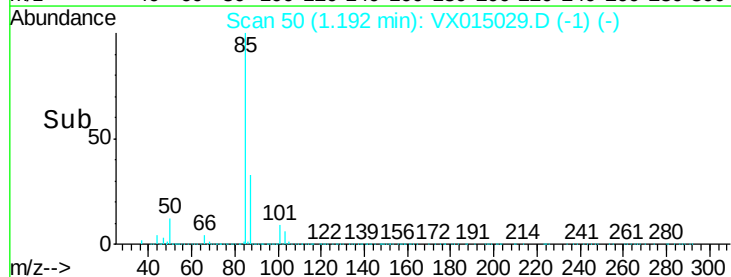
150000

100000

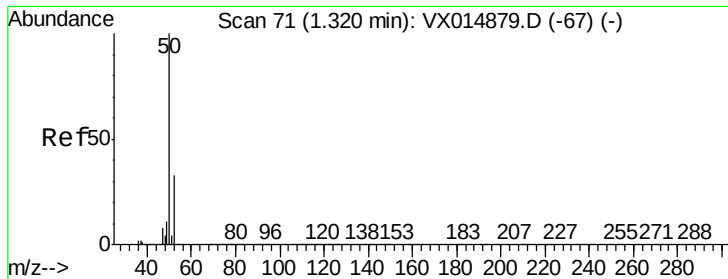
50000

0

1.10 1.20 1.30



Time-->



#3

Chloromethane

Concen: 51.230 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MS

Tot Ion: 50 Resp: 217094

Ion Ratio Lower Upper

50 100

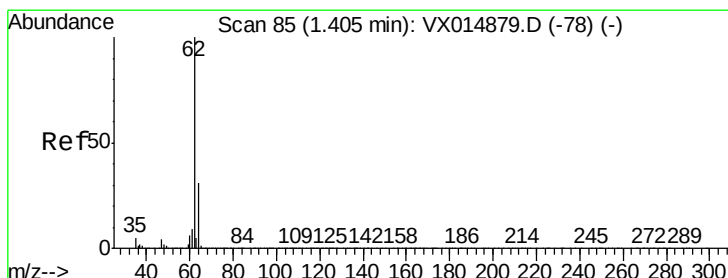
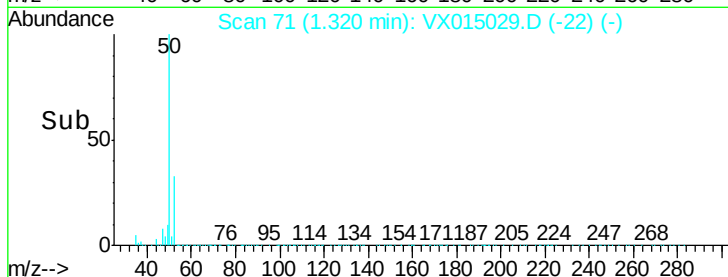
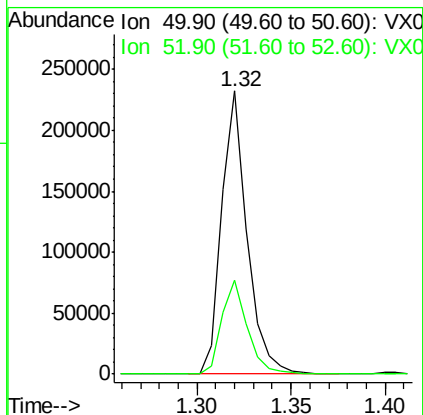
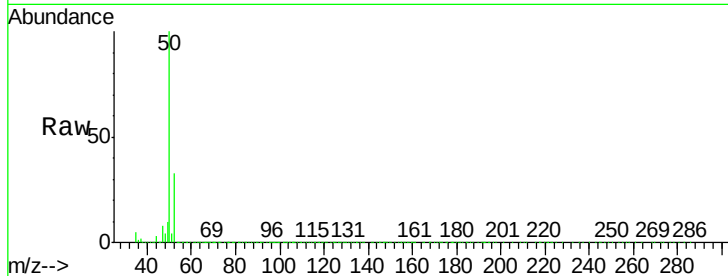
52 32.9 26.2 39.2

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#4

Vinyl Chloride

Concen: 50.074 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015029.D

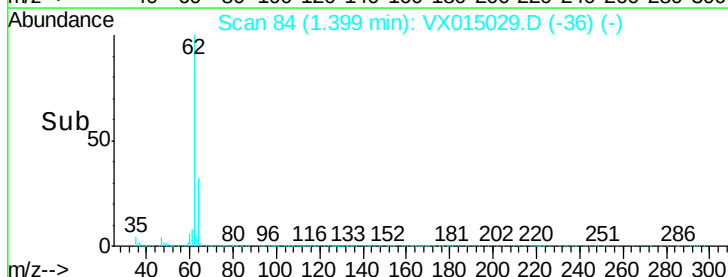
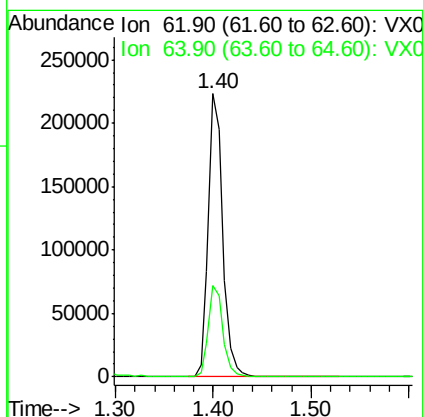
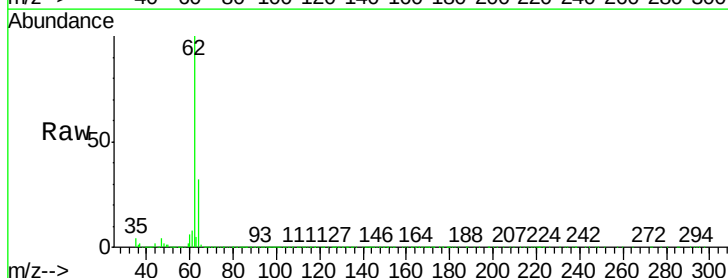
Acq: 26 Feb 2020 18:23

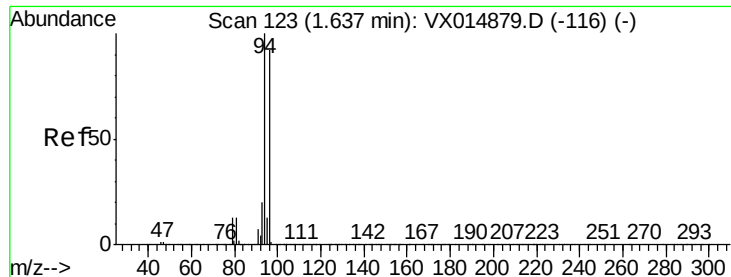
Tgt Ion: 62 Resp: 228591

Ion Ratio Lower Upper

62 100

64 32.0 24.8 37.2





#5

Bromomethane

Concen: 41.469 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

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ClientSampleId :

GR-OF-20200225MS

Tot Ion: 94 Resp: 122535

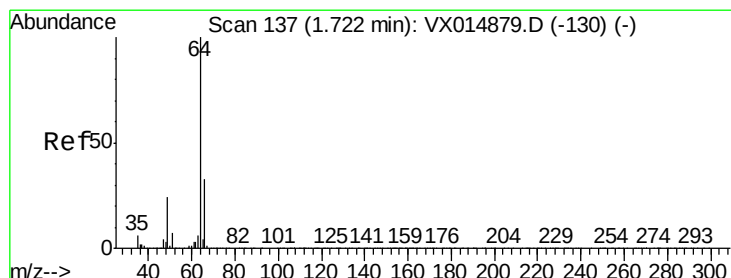
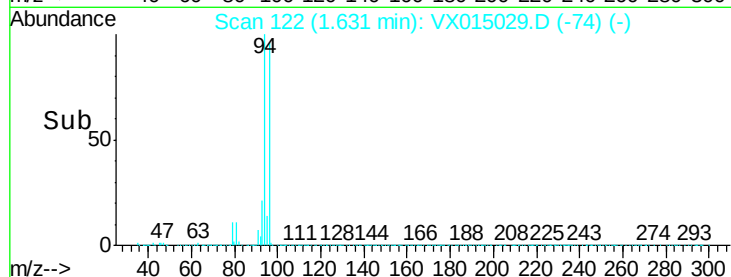
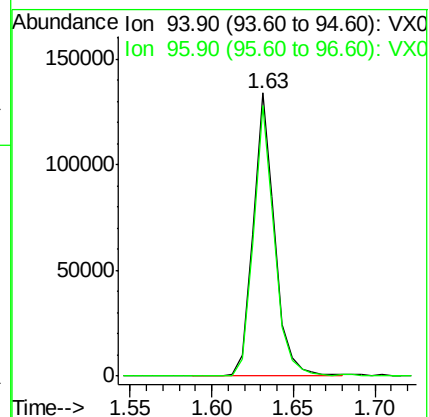
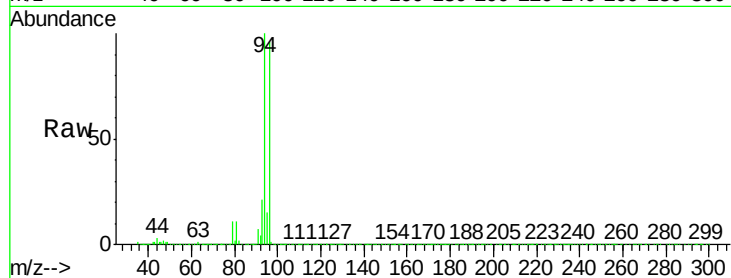
Ion Ratio Lower Upper

94 100

96 95.5 73.7 110.5

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2/27/2020 10:48:18 AM



#6

Chloroethane

Concen: 46.462 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015029.D

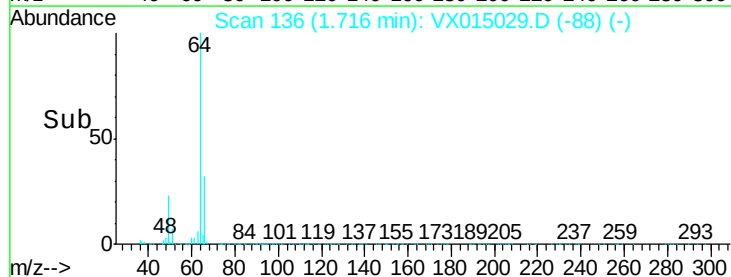
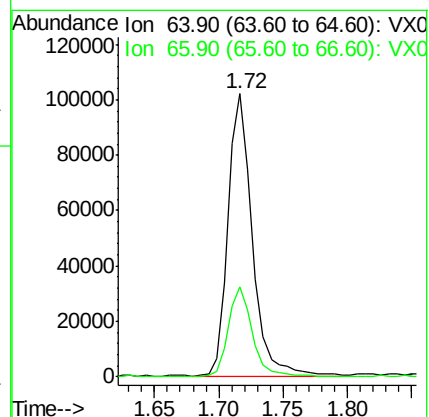
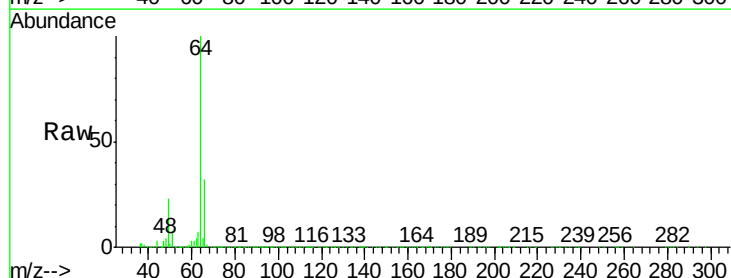
Acq: 26 Feb 2020 18:23

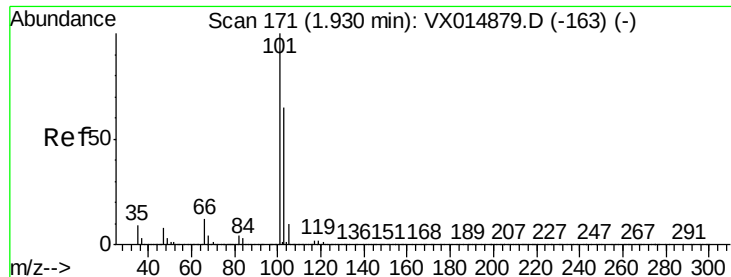
Tgt Ion: 64 Resp: 135714

Ion Ratio Lower Upper

64 100

66 31.7 26.2 39.4





#7

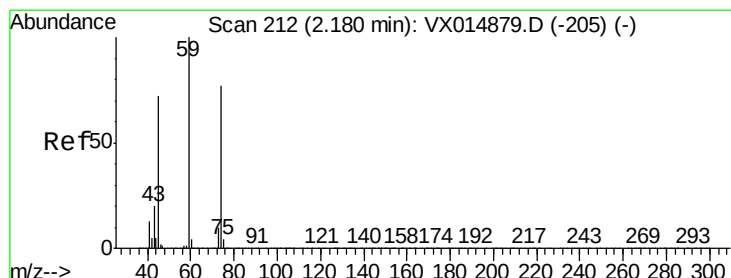
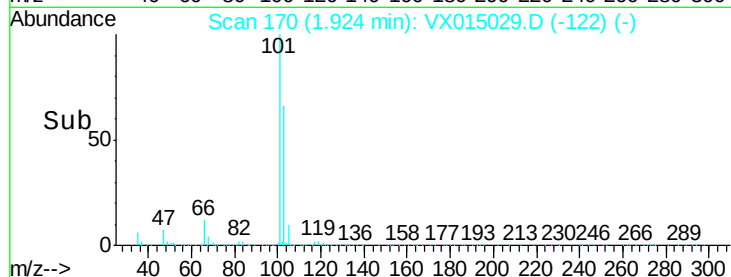
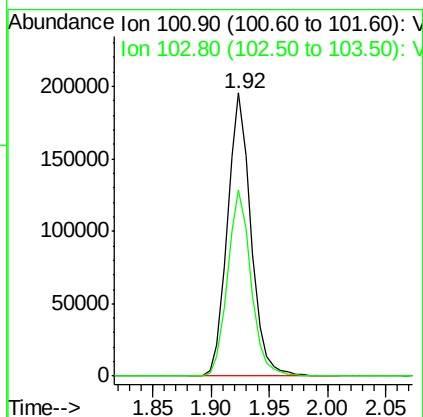
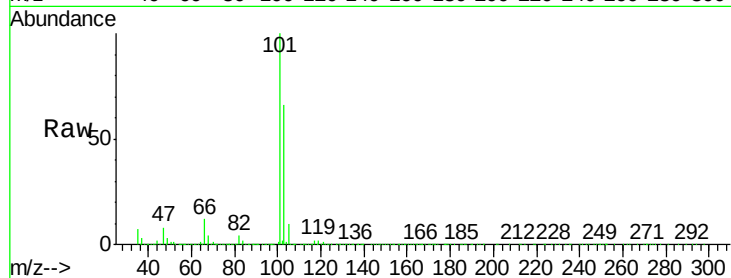
Trichlorofluoromethane
Concen: 42.942 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015029.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.4

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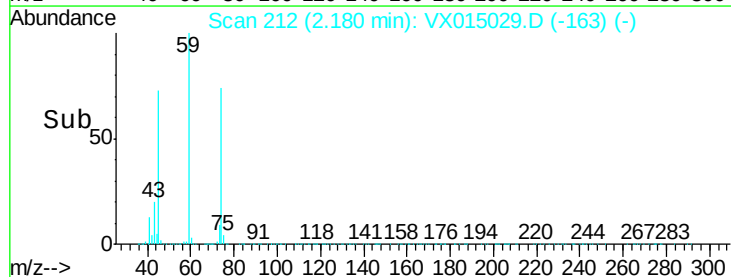
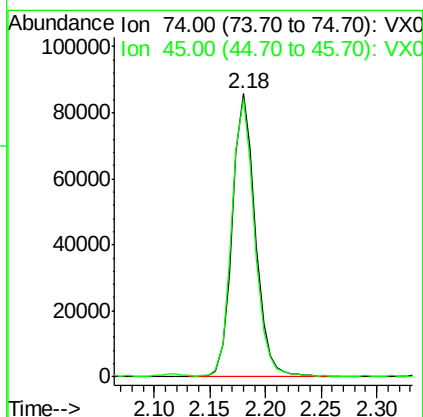
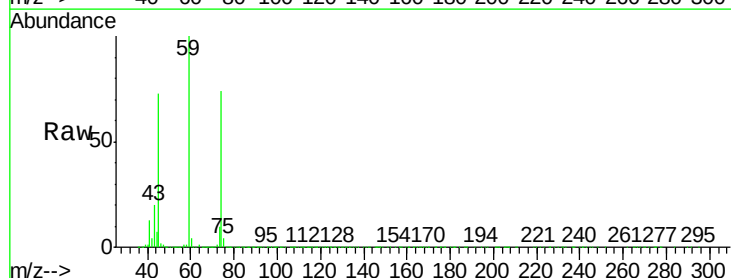
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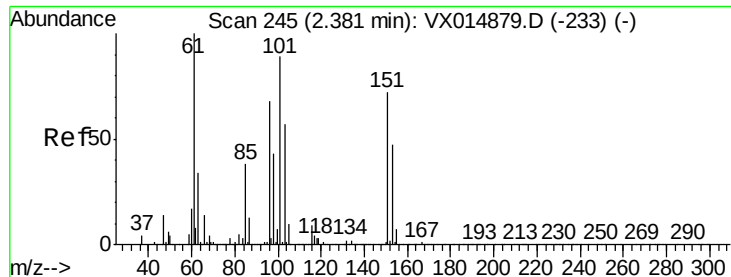


#8

Diethyl Ether
Concen: 46.009 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.130 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

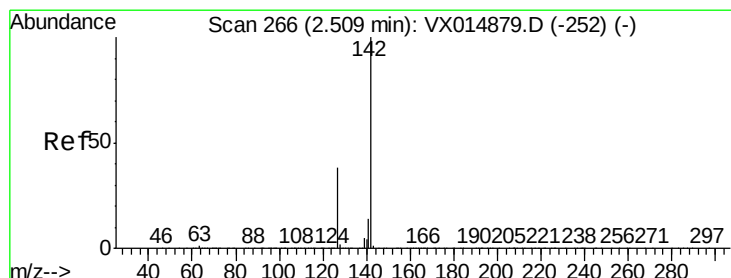
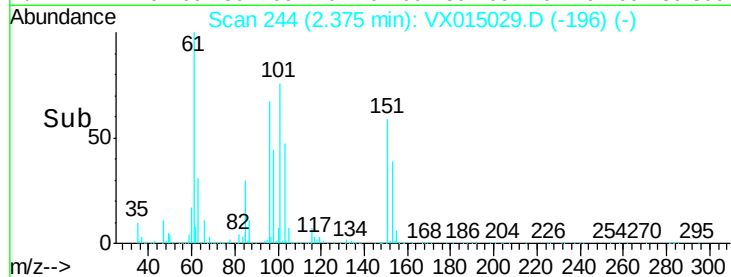
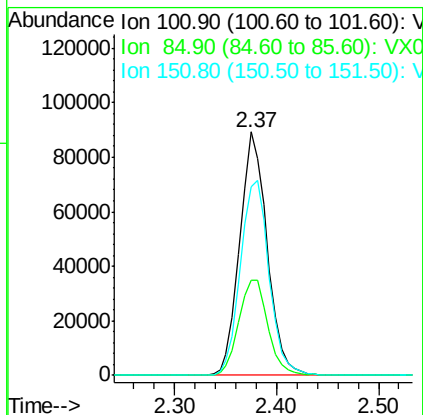
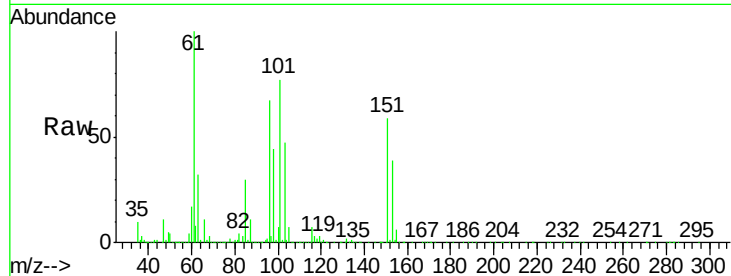
ClientSampleId :

GR-OF-20200225MS

Tot Ion:	101	Resp:	167080
Ion Ratio	Lower	Upper	
101	100		
85	41.8	34.1	51.1
151	83.2	67.3	100.9

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#10

Methyl Iodide

Concen: 44.142 ug/l

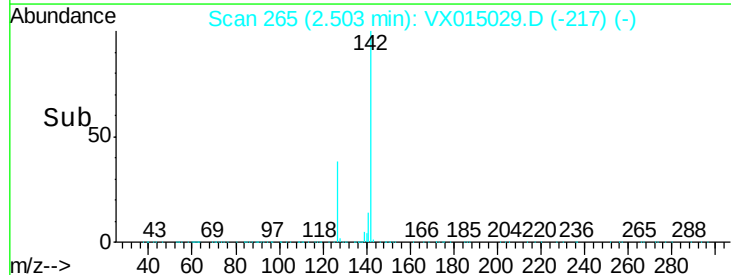
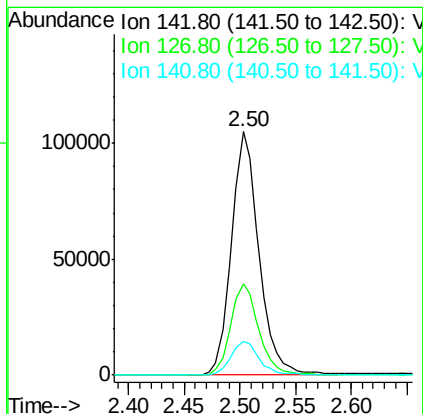
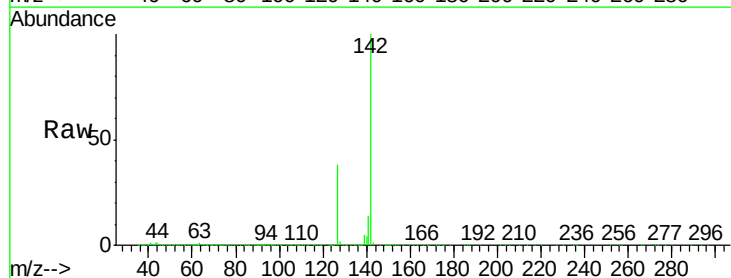
RT: 2.50 min Scan# 265

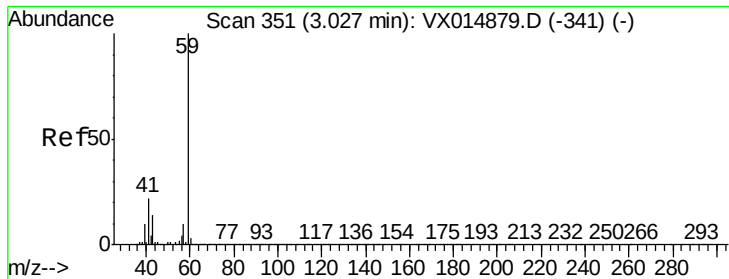
Delta R.T. -0.01 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Tgt Ion:	142	Resp:	179871
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.1	46.7
141	14.4	11.3	16.9





#11

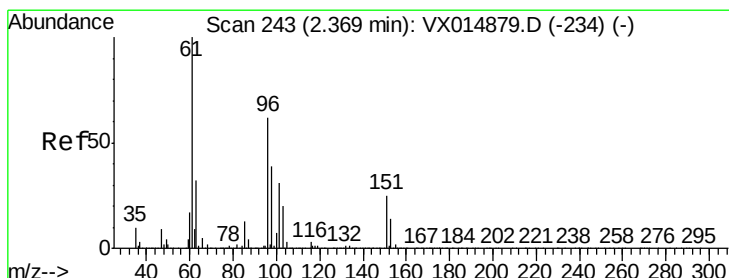
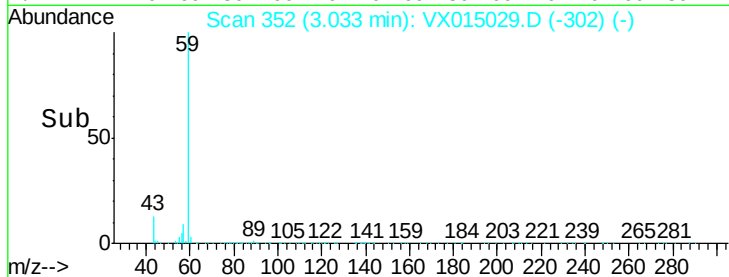
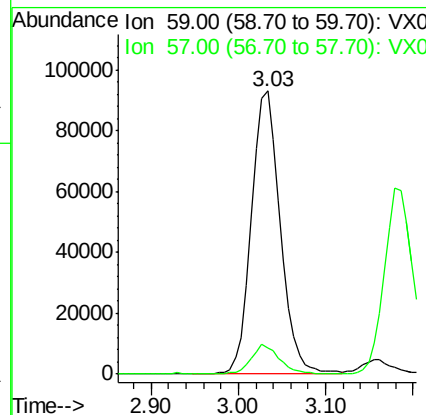
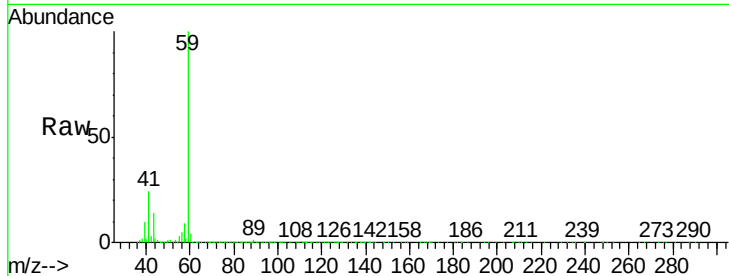
Tert butyl alcohol
Concen: 269.664 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
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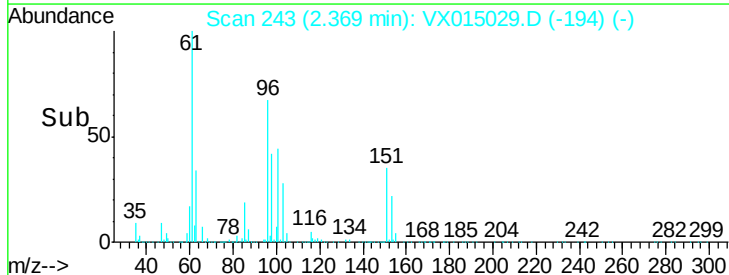
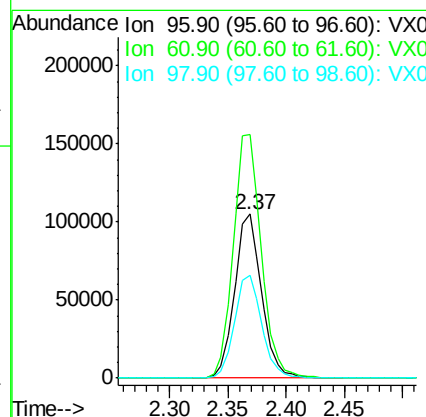
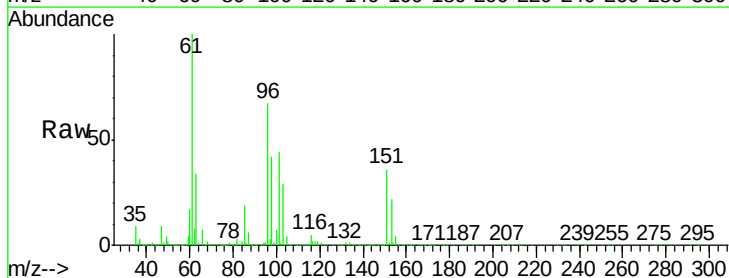
MMDadoda
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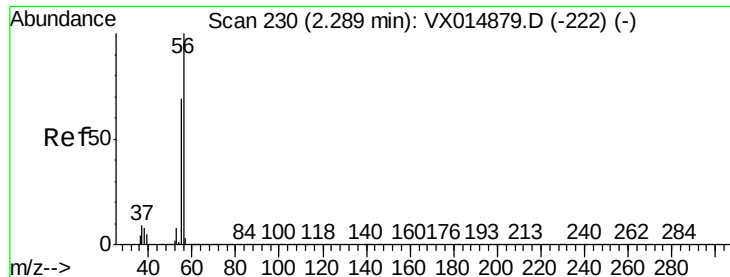


#12

1,1-Dichloroethene
Concen: 46.607 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.4	129.5	194.3
98	62.8	50.6	76.0





#13

Acrolein

Concen: 220.583 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MS

Tot Ion: 56 Resp: 132223

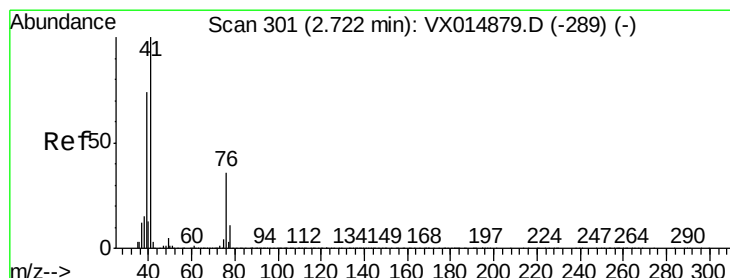
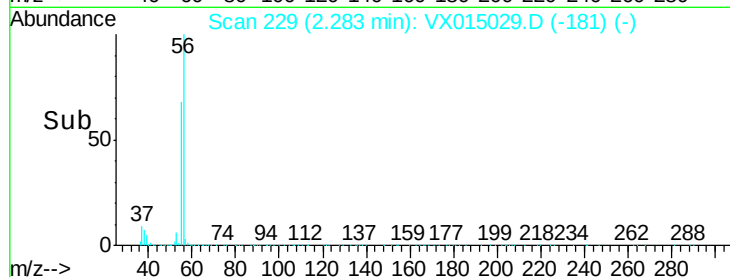
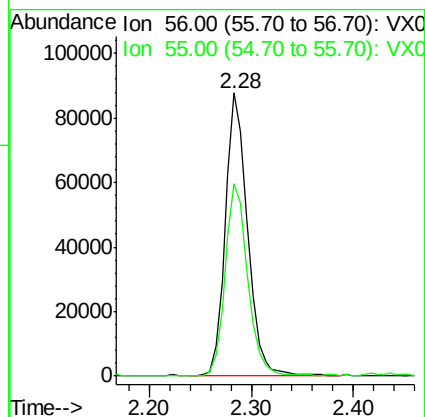
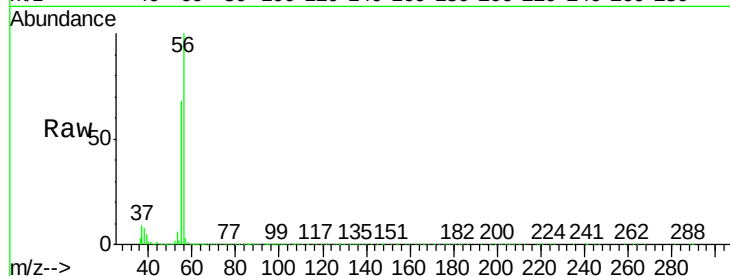
Ion Ratio Lower Upper

56 100

55 68.6 55.0 82.4

Manual Integrations
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#14

Allyl chloride

Concen: 48.623 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

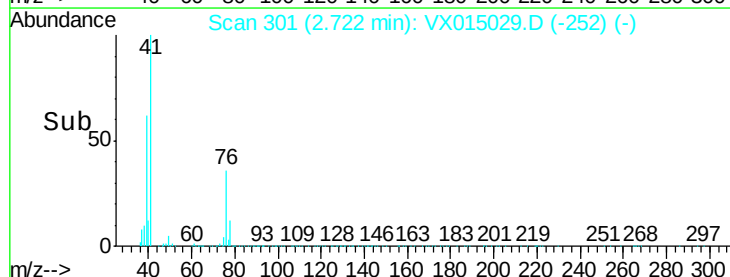
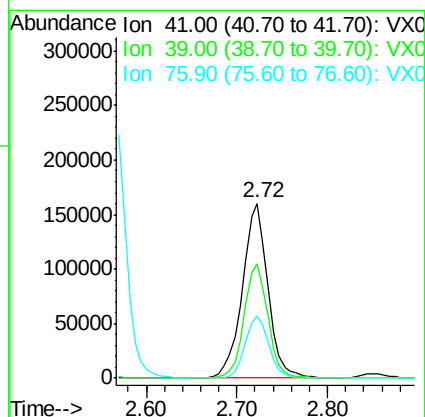
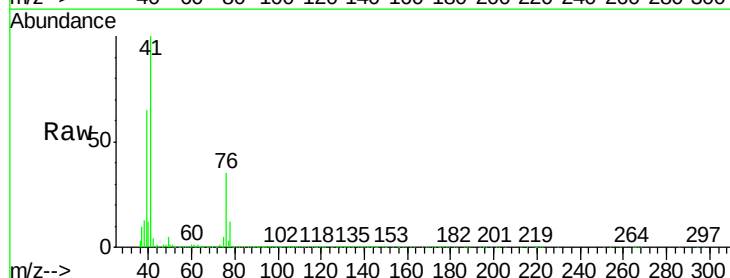
Tgt Ion: 41 Resp: 311873

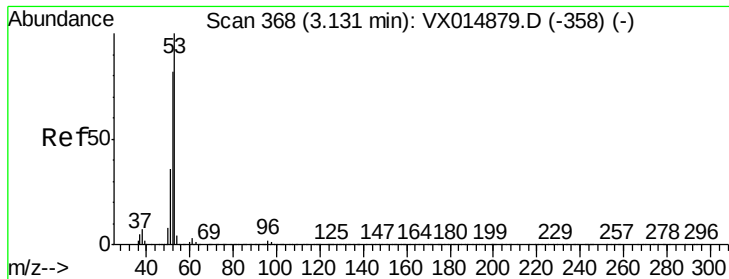
Ion Ratio Lower Upper

41 100

39 60.6 55.2 82.8

76 32.4 26.8 40.2





#15

Acrylonitrile

Concen: 289.768 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

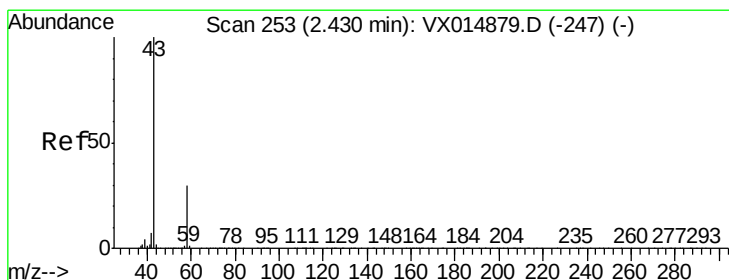
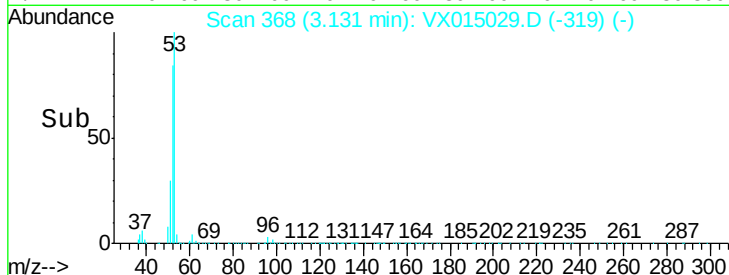
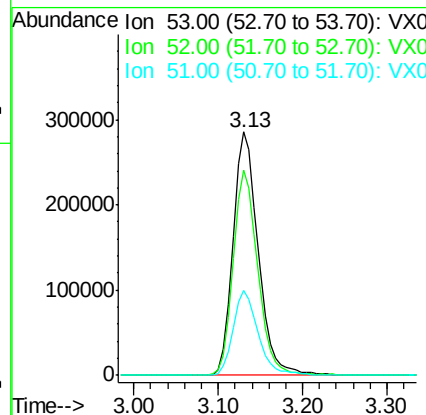
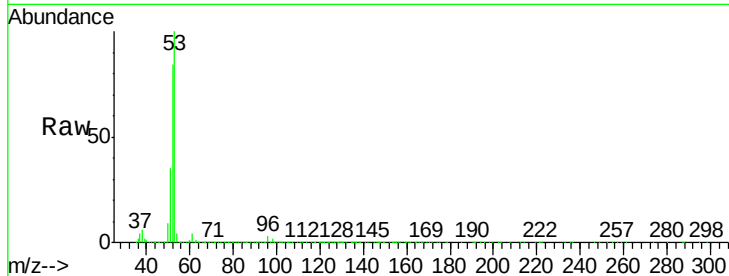
ClientSampleId :

GR-OF-20200225MS

Tot Ion:	53	Resp:	577736
Ion Ratio		Lower	Upper
53	100		
52	82.6	65.8	98.6
51	34.6	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 181.522 ug/l

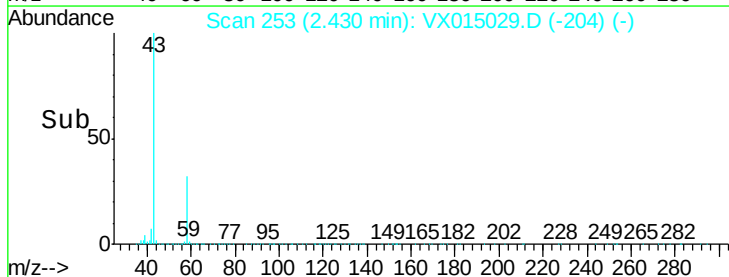
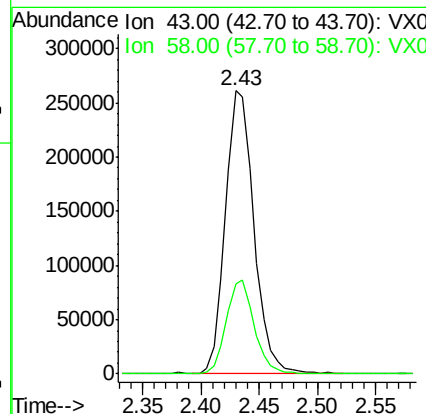
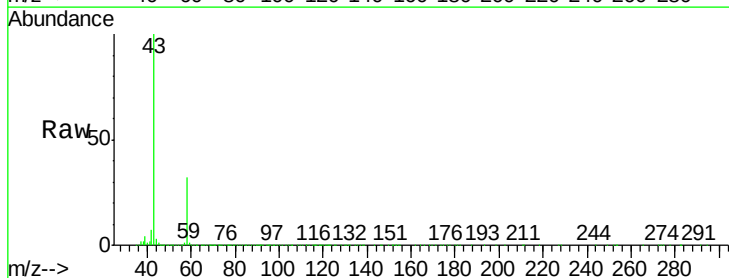
RT: 2.43 min Scan# 253

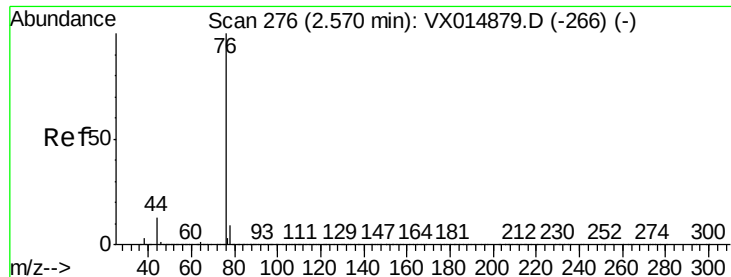
Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Tgt Ion:	43	Resp:	441502
Ion Ratio		Lower	Upper
43	100		
58	32.0	24.1	36.1





#17

Carbon Disulfide

Concen: 41.791 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MS

Tot Ion: 76 Resp: 422426

Ion Ratio Lower Upper

76 100

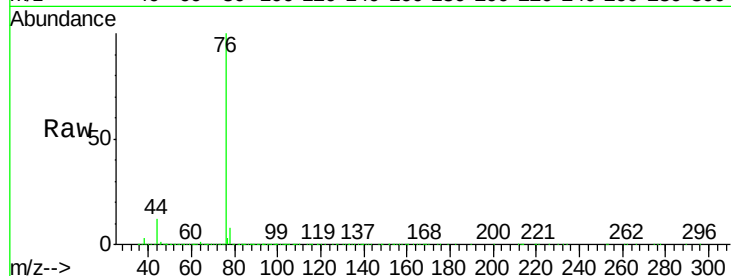
78 8.3 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

250000

200000

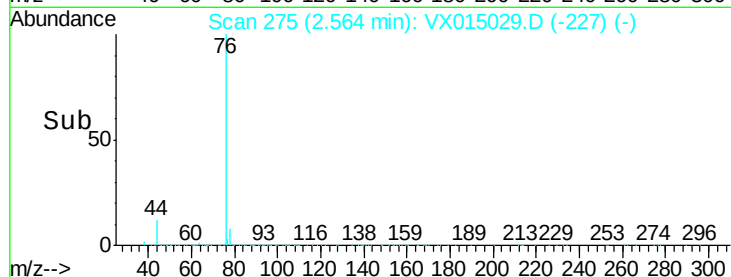
150000

100000

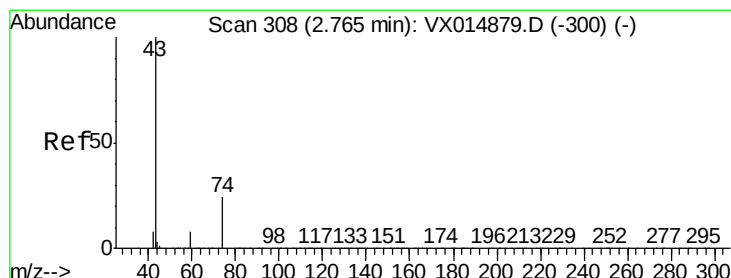
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 57.045 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015029.D

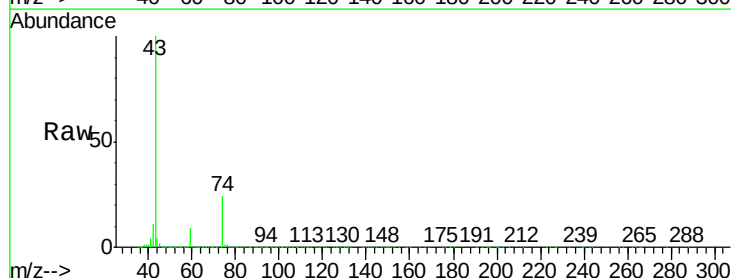
Acq: 26 Feb 2020 18:23

Tgt Ion: 43 Resp: 255917

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

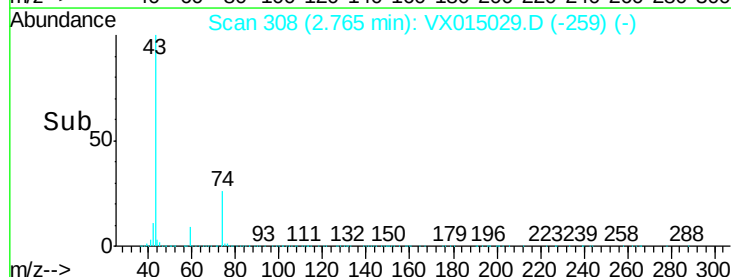
150000

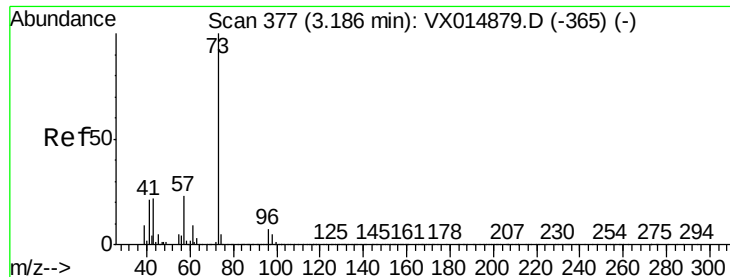
100000

50000

0

Time-->





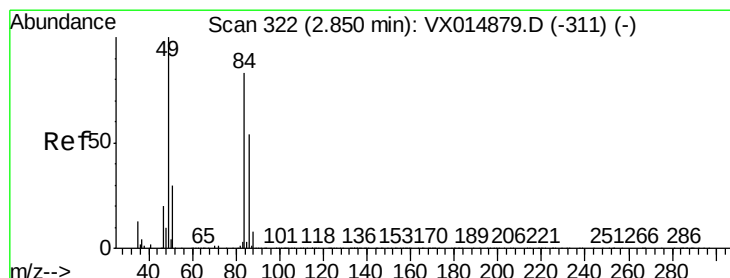
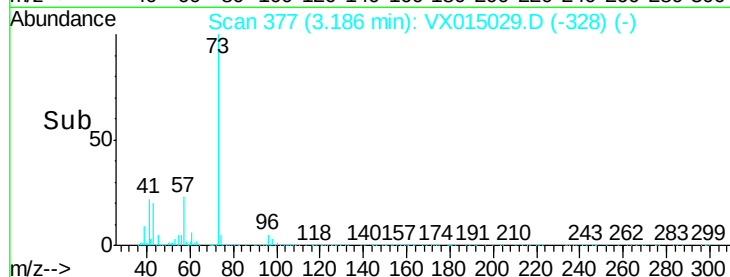
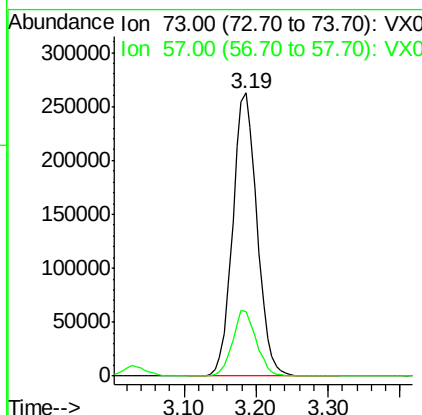
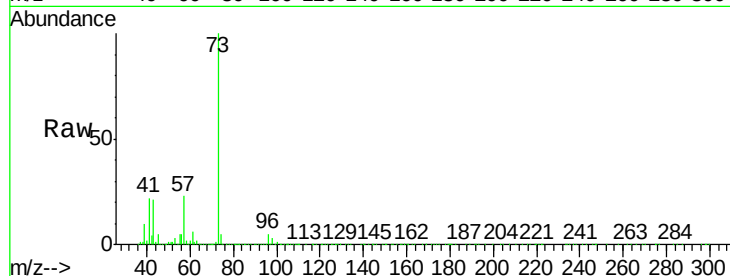
#19
Methyl tert-butyl Ether
Concen: 52.258 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.2	27.4

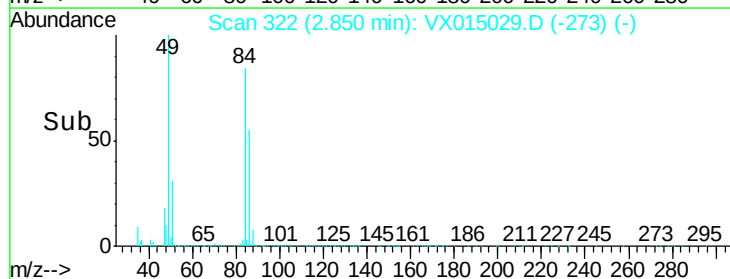
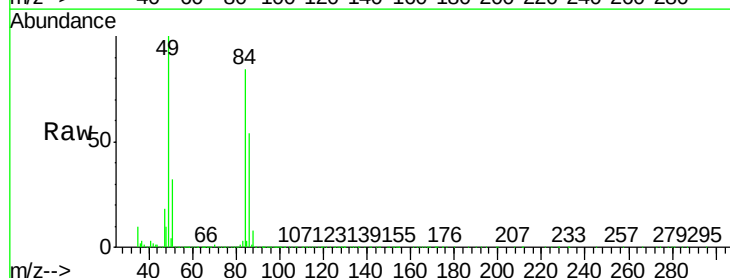
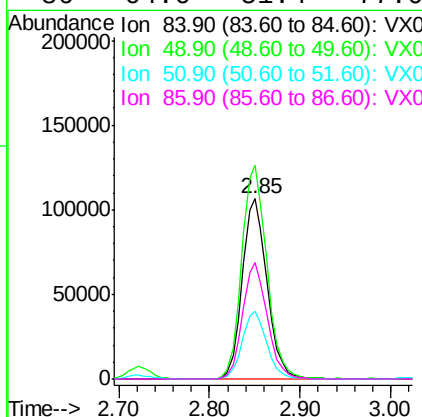
Manual Integrations
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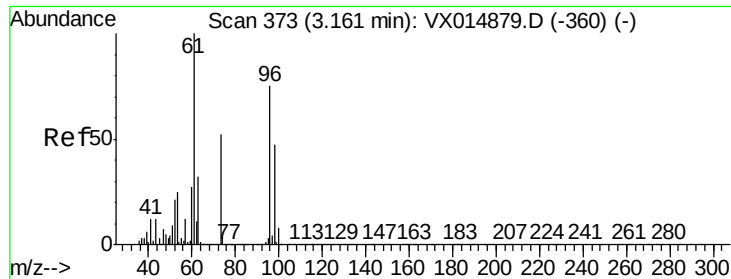
MMDadoda
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#20
Methylene Chloride
Concen: 46.712 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.3	95.6	143.4
51	37.1	29.0	43.6
86	64.6	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 48.398 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

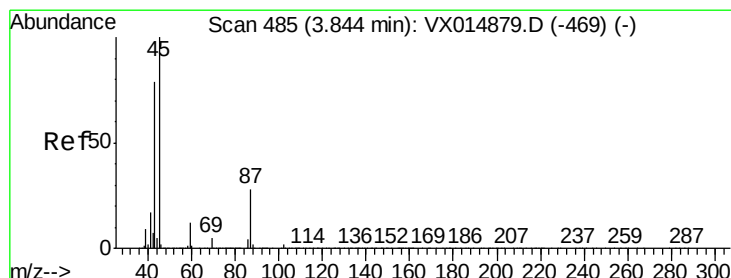
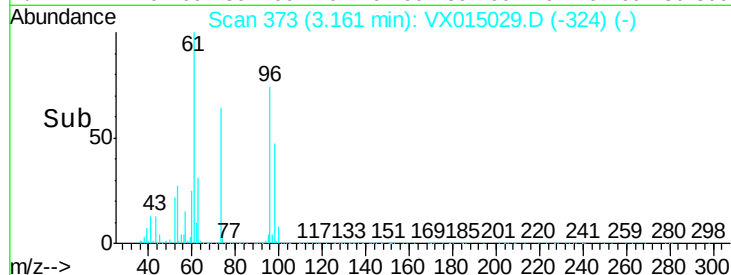
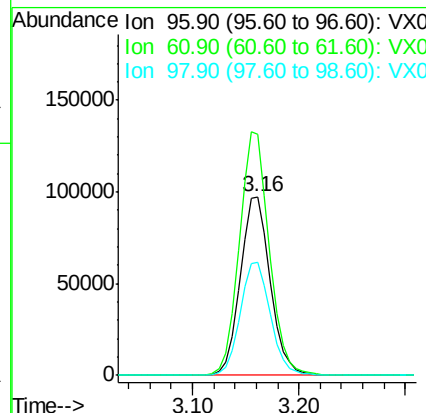
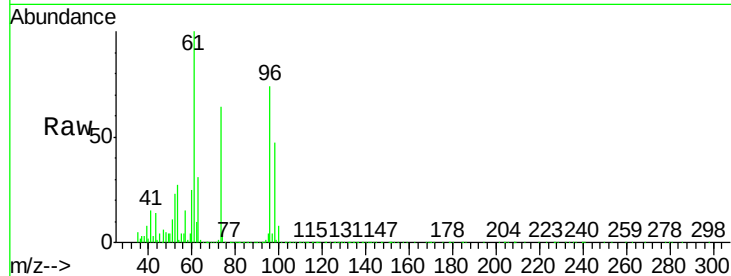
ClientSampleId :

GR-OF-20200225MS

Tot Ion:	96	Resp:	193199
Ion	Ratio	Lower	Upper
96	100		
61	134.5	106.9	160.3
98	62.9	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.584 ug/l

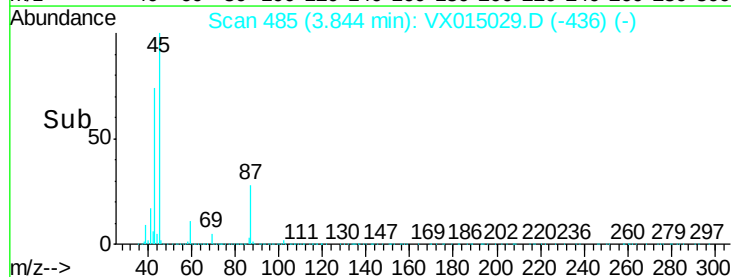
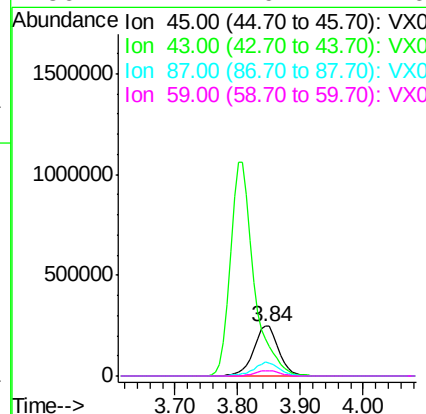
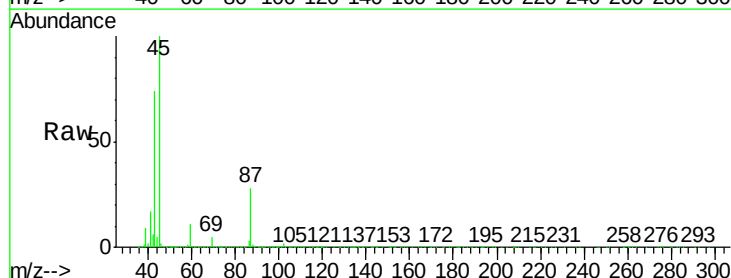
RT: 3.84 min Scan# 485

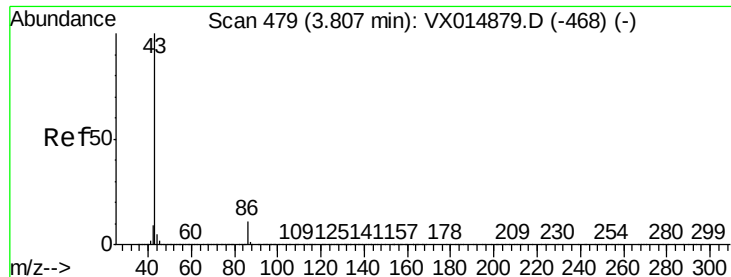
Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Tgt Ion:	45	Resp:	680927
Ion	Ratio	Lower	Upper
45	100		
43	74.1	63.5	95.3
87	27.6	22.2	33.4
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 271.788 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MS

Tot Ion: 43 Resp: 2744675

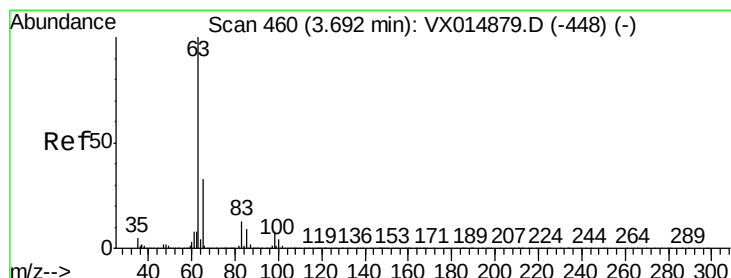
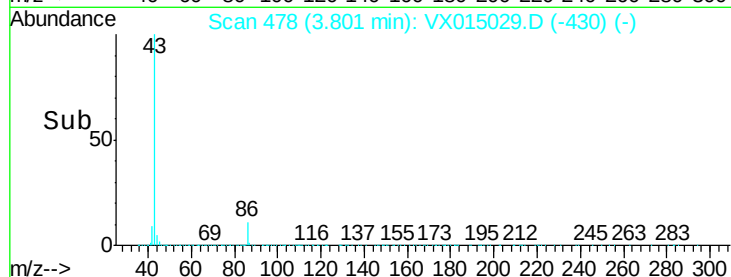
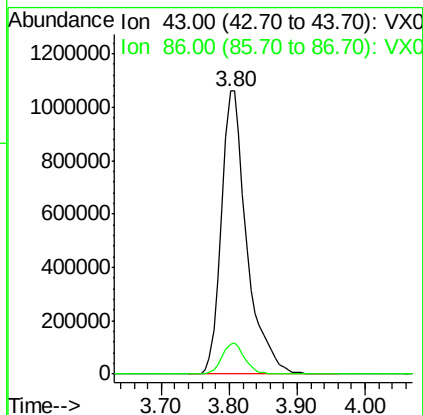
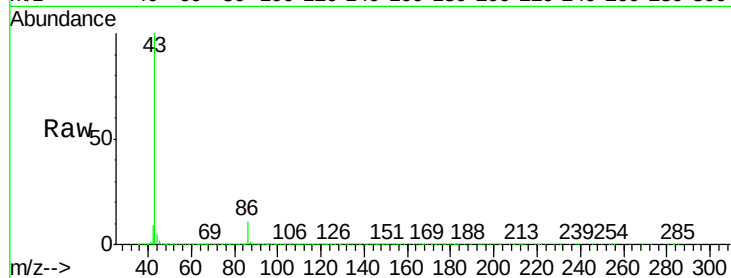
Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 53.618 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

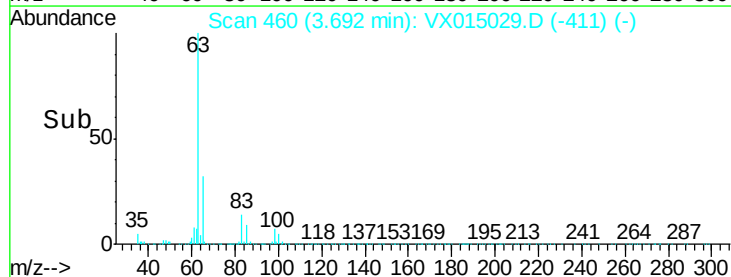
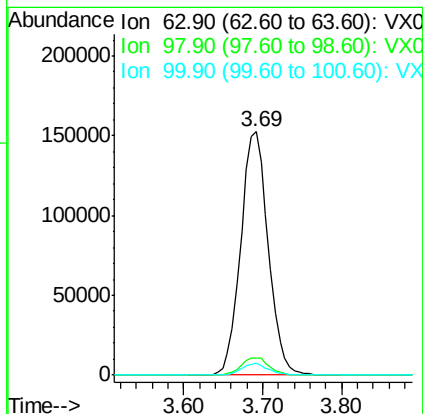
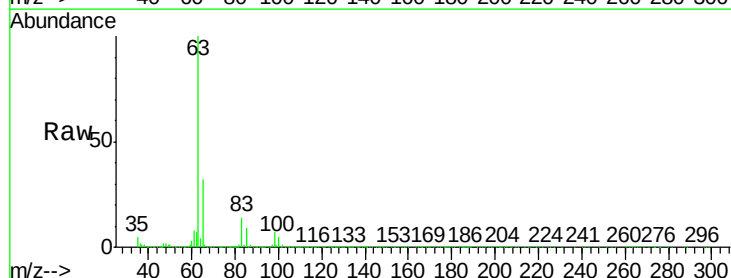
Tgt Ion: 63 Resp: 370708

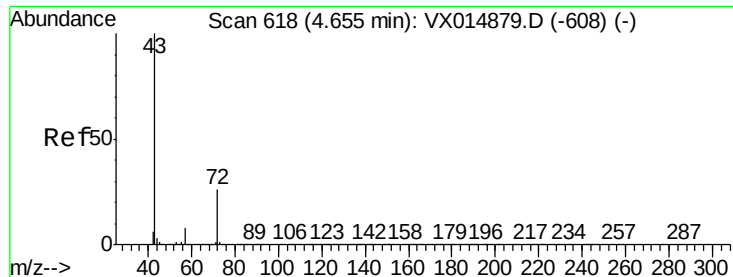
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 265.766 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MS

Tot Ion: 43 Resp: 805942

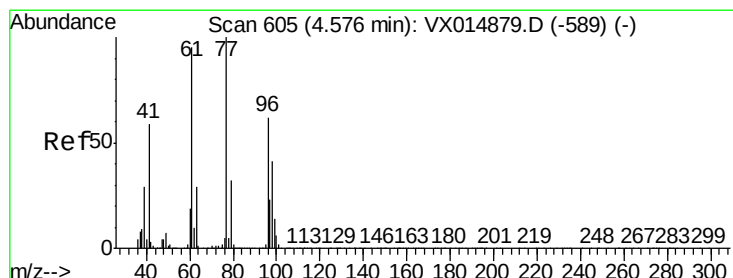
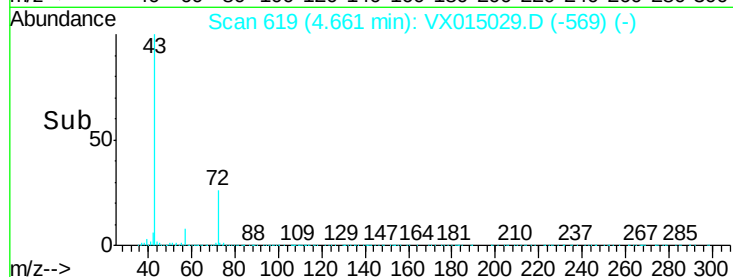
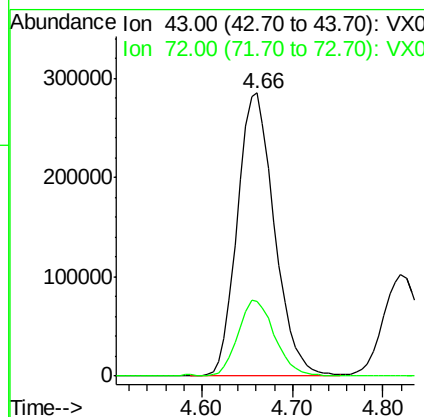
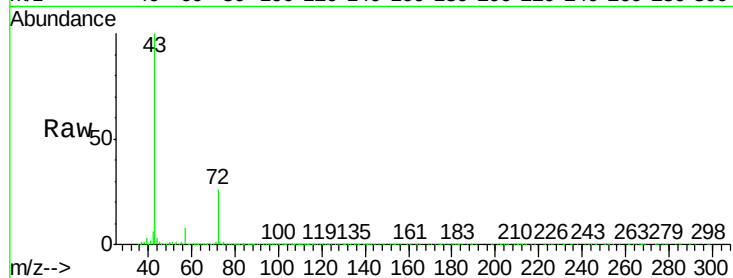
Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 42.016 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015029.D

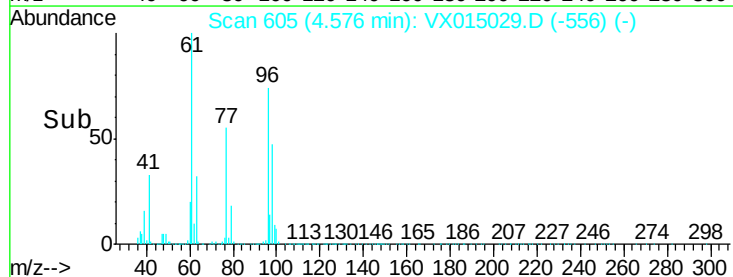
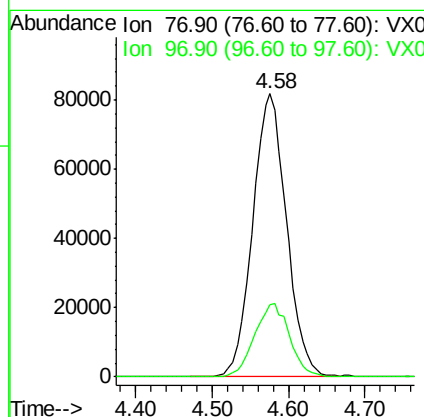
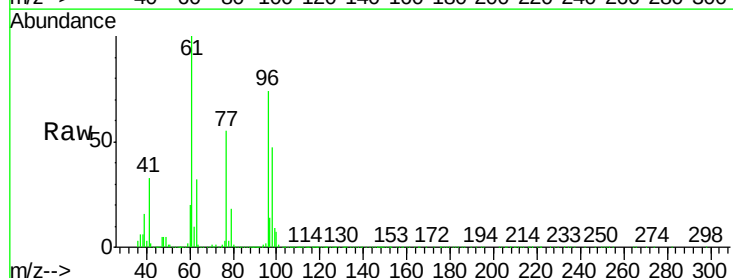
Acq: 26 Feb 2020 18:23

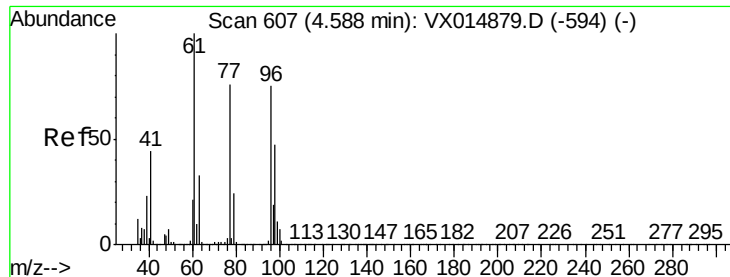
Tgt Ion: 77 Resp: 250344

Ion Ratio Lower Upper

77 100

97 26.5 11.9 35.5





#27

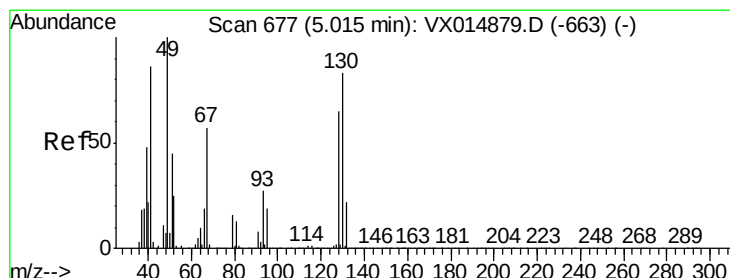
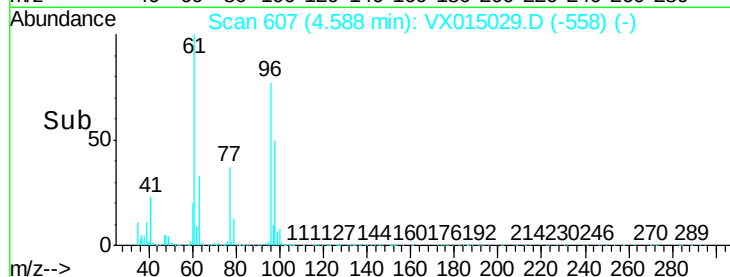
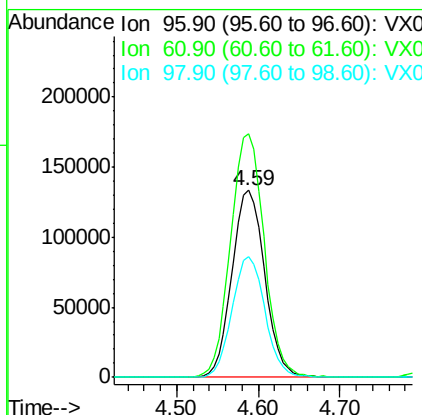
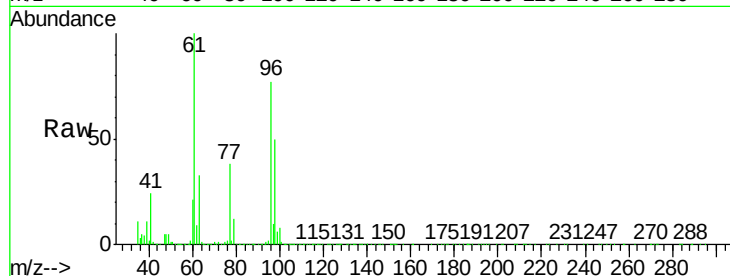
cis-1,2-Dichloroethene
Concen: 83.347 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	371912		
61	133.4	0.0	286.2	
98	65.2	0.0	131.0	

Manual Integrations
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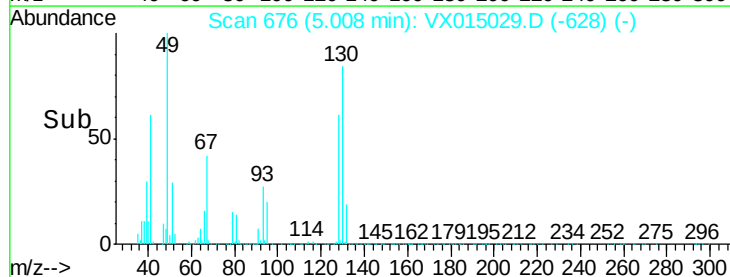
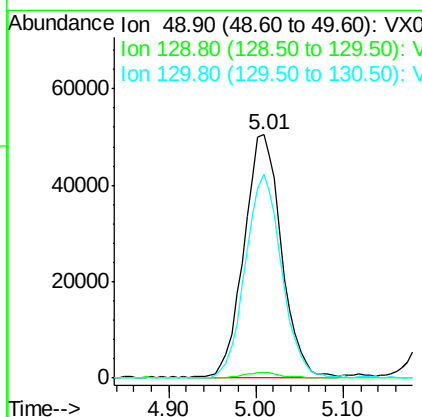
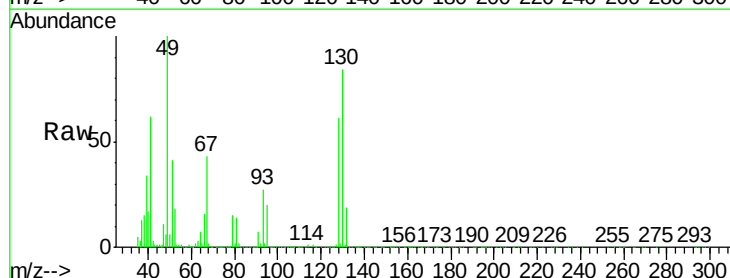
MMDadoda
2/27/2020 10:48:18 AM

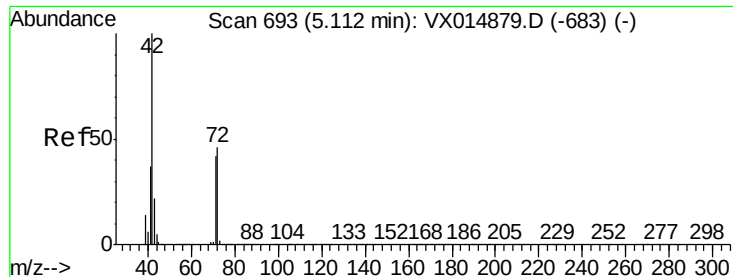


#28

Bromochloromethane
Concen: 55.957 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	149958		
129	2.4	0.0	5.2	
130	80.9	67.4	101.2	





#29

Tetrahydrofuran

Concen: 317.586 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

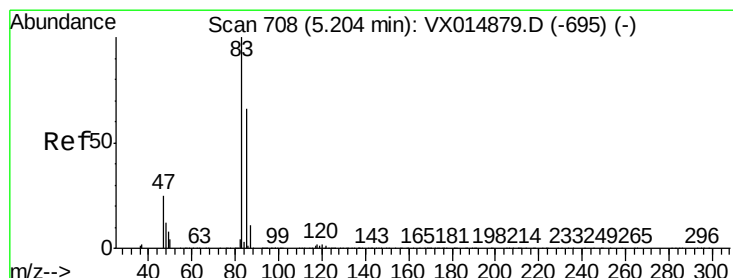
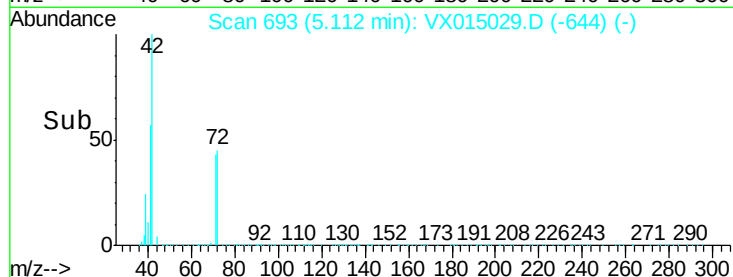
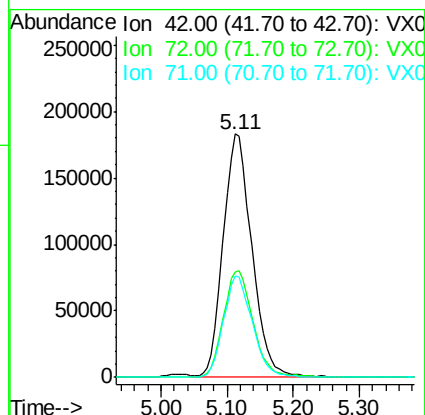
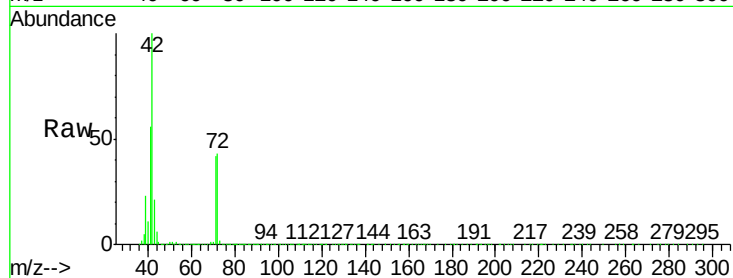
ClientSampleId :

GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.9	55.3
71	42.2	34.1	51.1

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#30

Chloroform

Concen: 52.931 ug/l

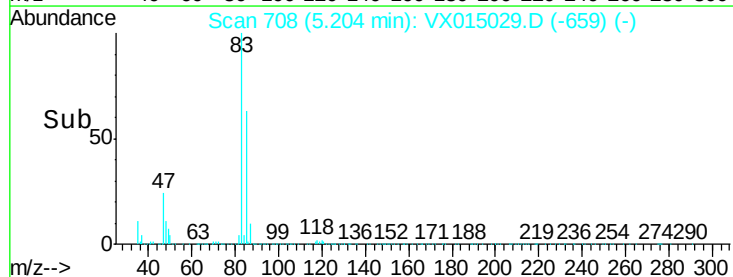
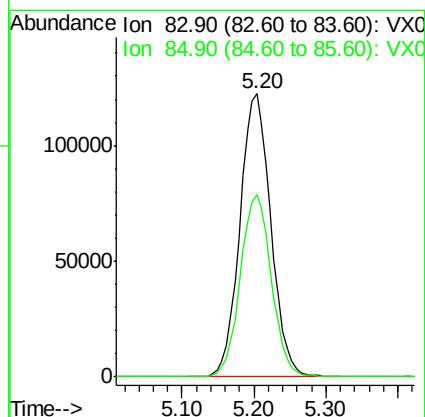
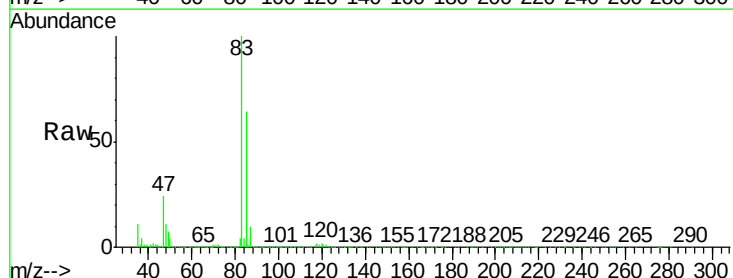
RT: 5.20 min Scan# 708

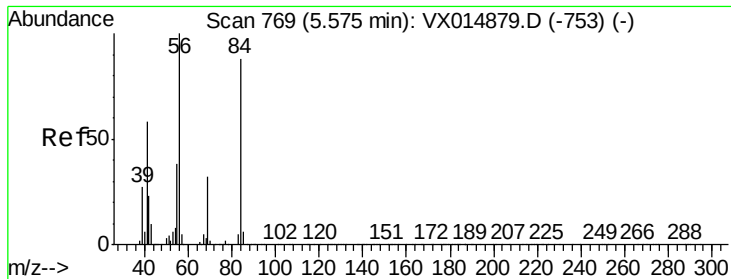
Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.9	79.3





#31

Cyclohexane

Concen: 49.574 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

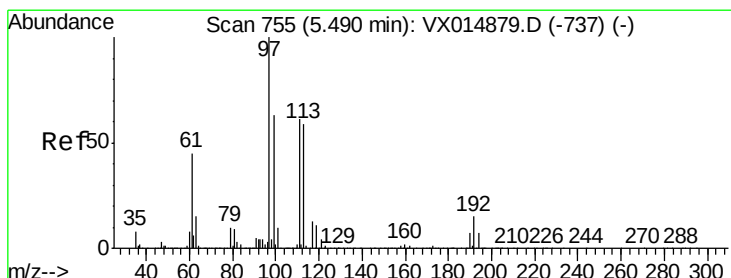
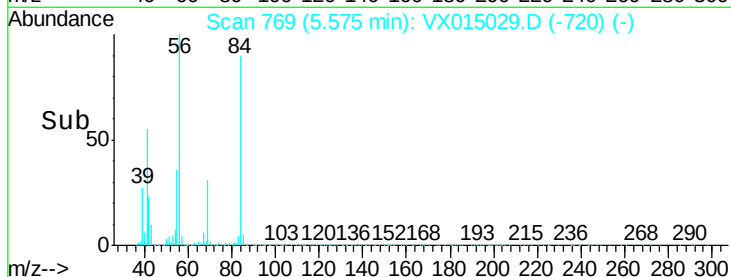
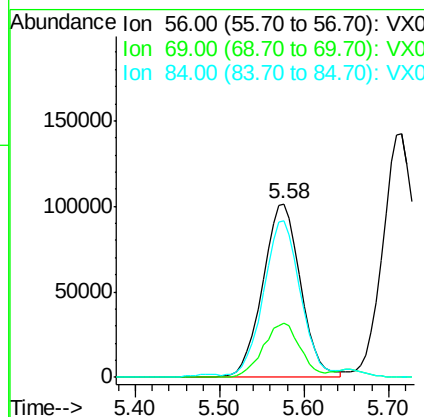
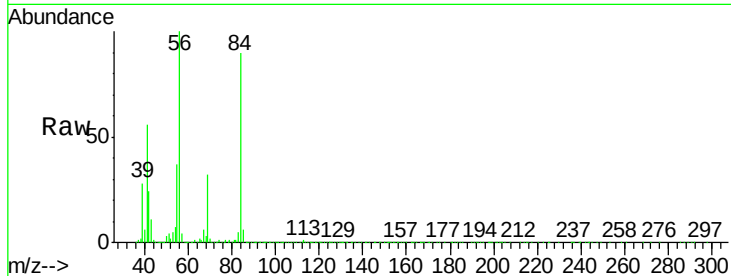
ClientSampleId :

GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.9	38.9
84	89.7	70.4	105.6

Manual Integrations
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2/27/2020 10:48:18 AM



#32

1,1,1-Trichloroethane

Concen: 50.448 ug/l

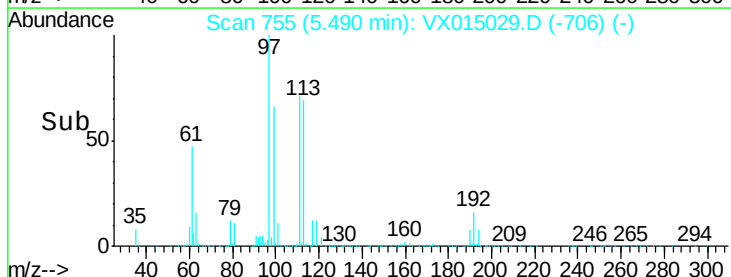
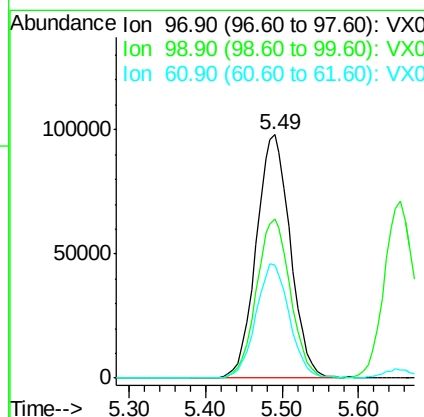
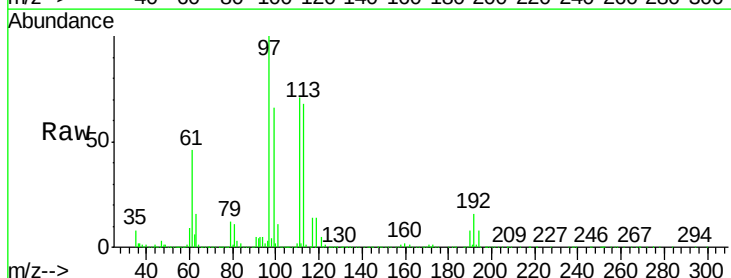
RT: 5.49 min Scan# 755

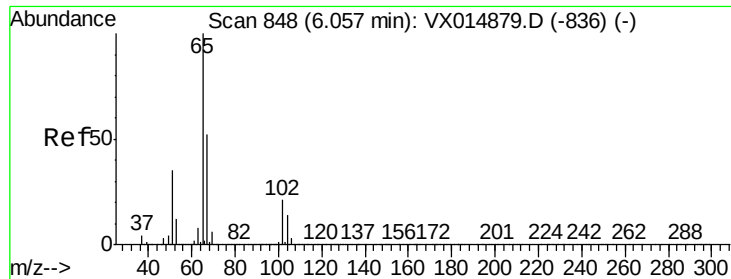
Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.0	76.6
61	45.5	36.3	54.5





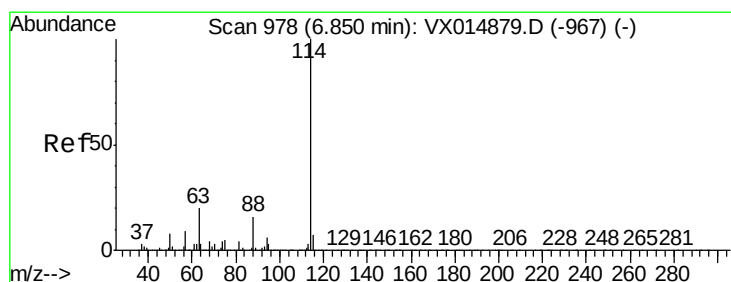
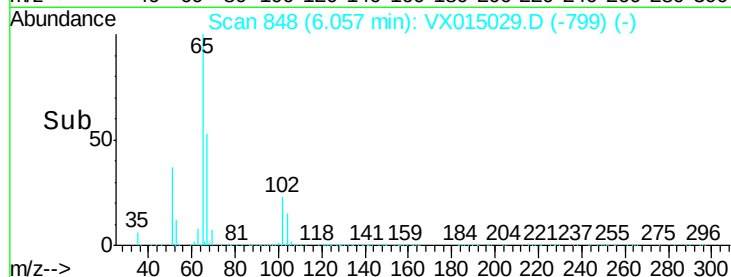
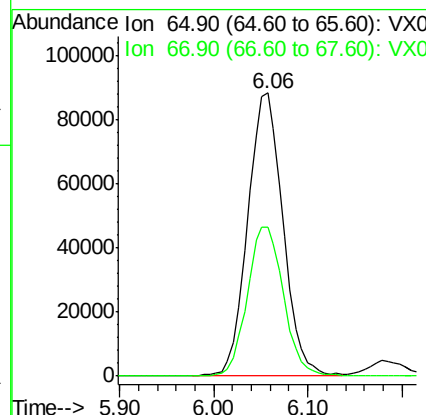
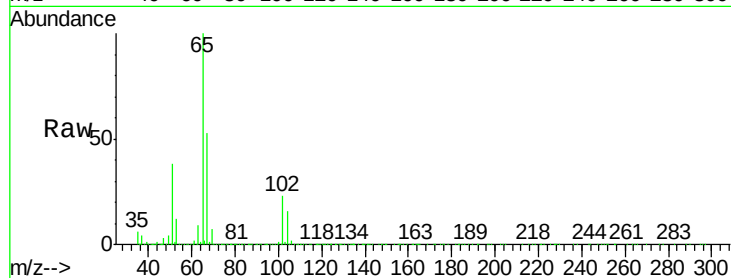
#33
 1,2-Dichloroethane-d4
 Concen: 51.767 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	230591		
67	53.6	0.0	103.0	

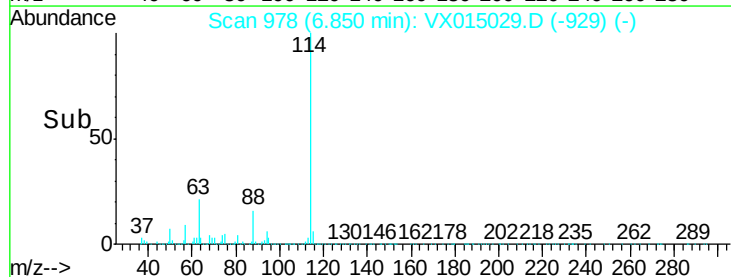
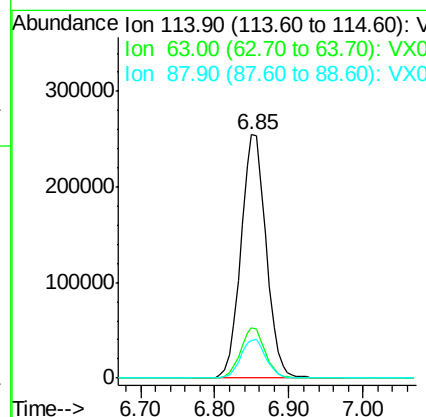
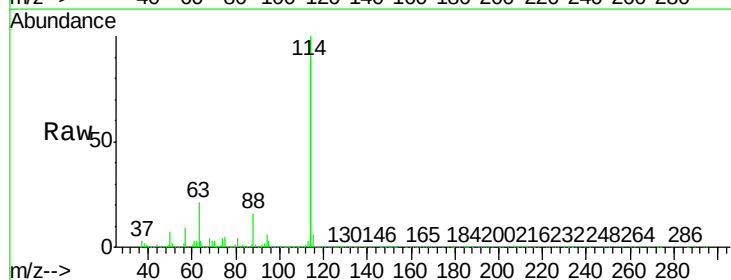
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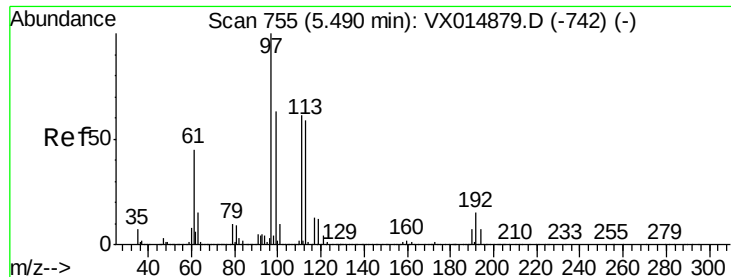
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	606097		
63	20.8	0.0	39.2	
88	15.5	0.0	32.0	





#35

Dibromofluoromethane

Concen: 51.978 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

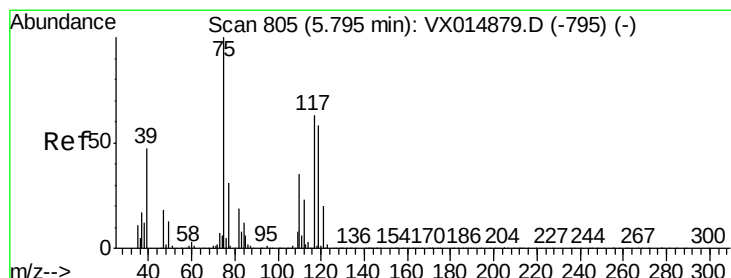
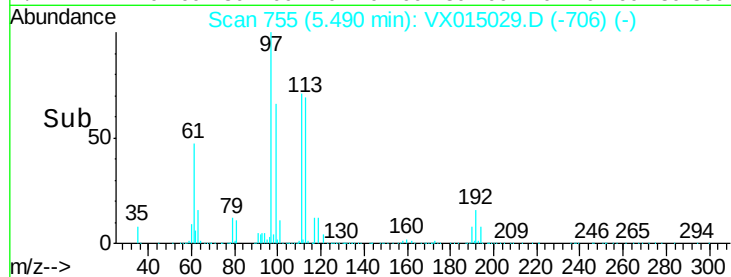
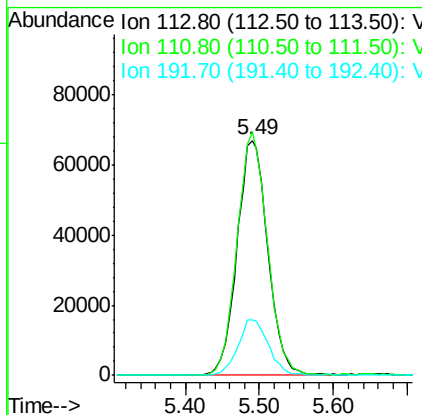
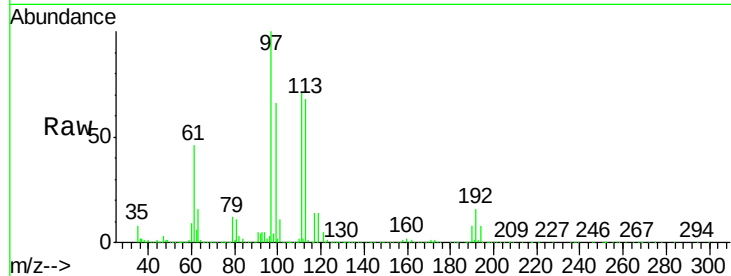
ClientSampleId :

GR-OF-20200225MS

Tot Ion:	113	Resp:	193676
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.4	123.6
192	23.7	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.882 ug/l

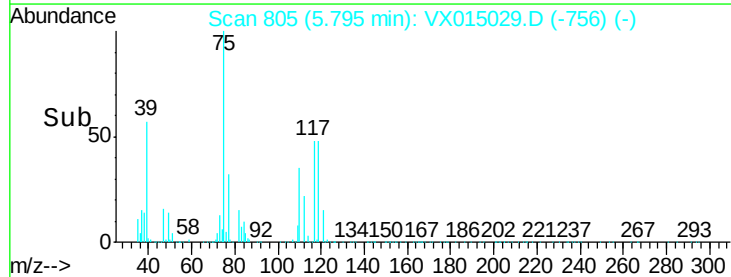
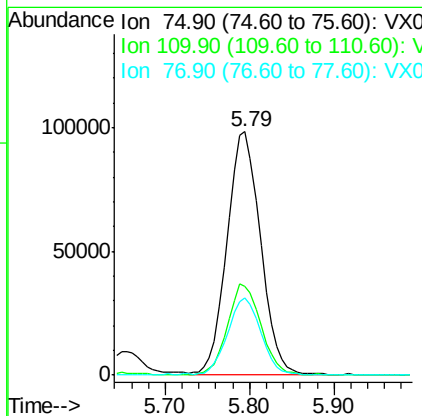
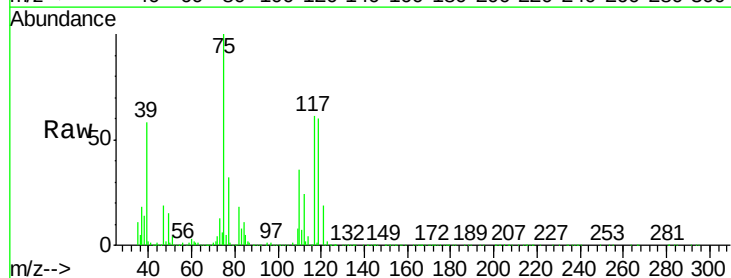
RT: 5.79 min Scan# 805

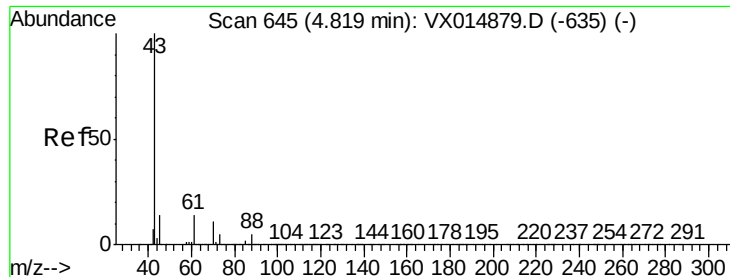
Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Tgt Ion:	75	Resp:	265023
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.3	54.8
77	31.1	24.6	36.8





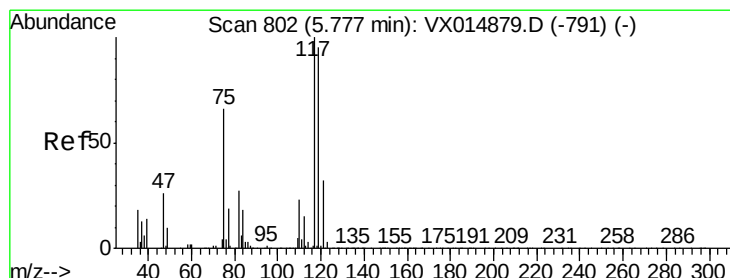
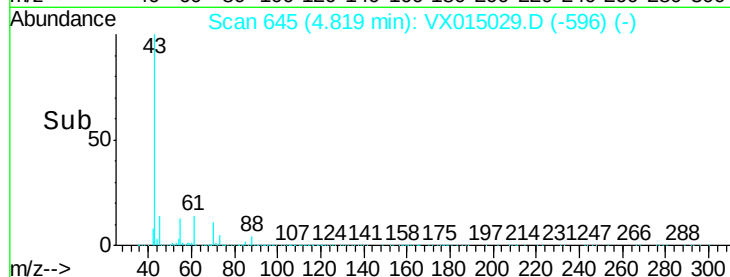
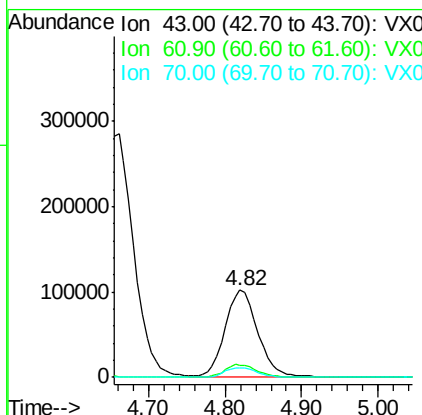
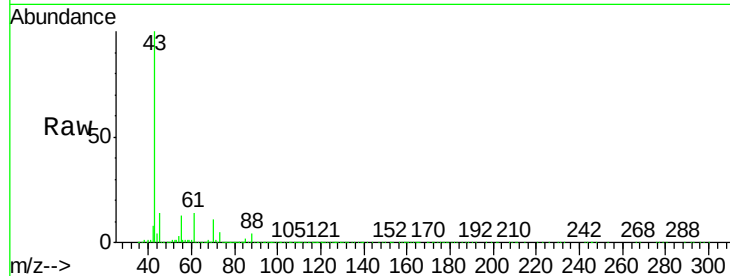
#37
Ethyl Acetate
Concen: 52.945 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	43	Resp	299390
Ion Ratio	Lower	Upper	
43	100		
61	14.1	10.9	16.3
70	11.0	8.7	13.1

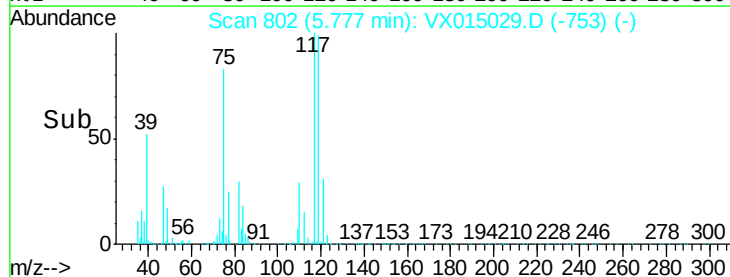
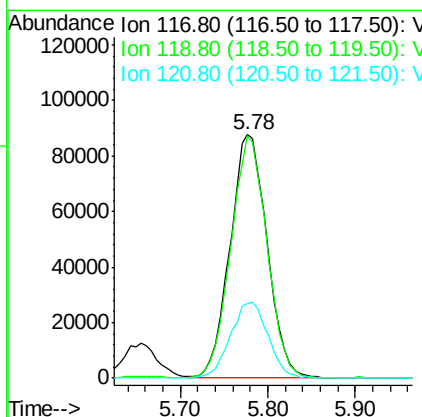
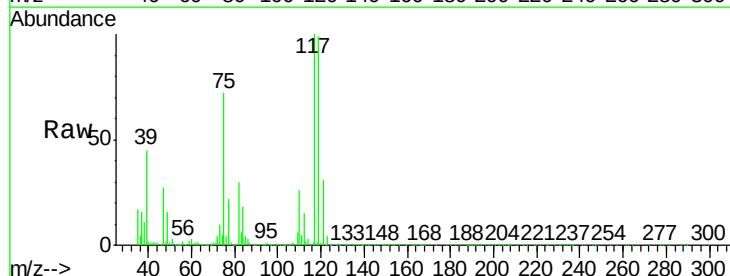
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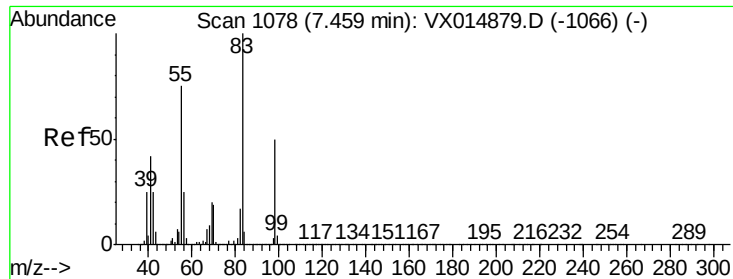
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.592 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	117	Resp	256741
Ion Ratio	Lower	Upper	
117	100		
119	99.4	76.0	114.0
121	30.6	25.4	38.2





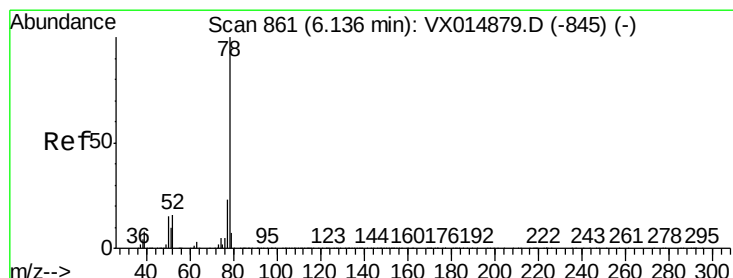
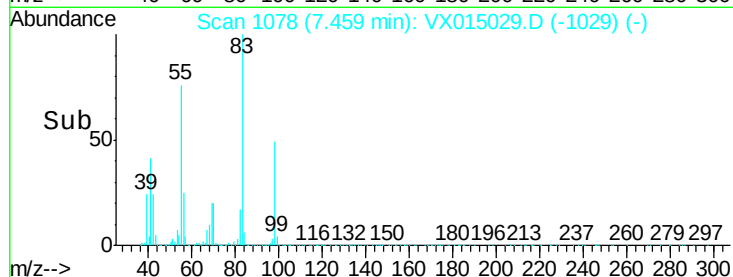
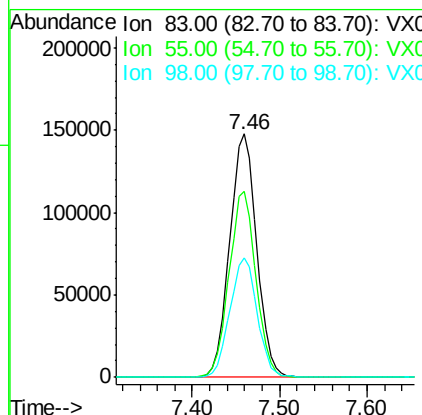
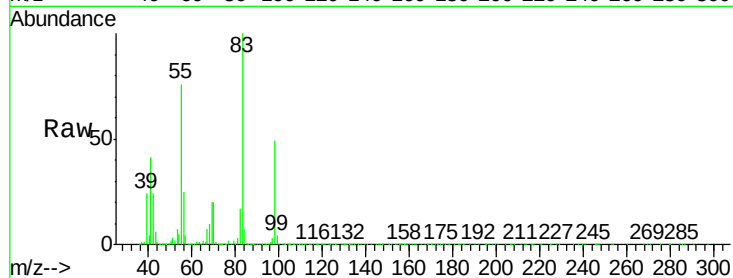
#39
Methylvlcyclohexane
Concen: 46.713 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	60.0	90.0
98	48.9	39.6	59.4

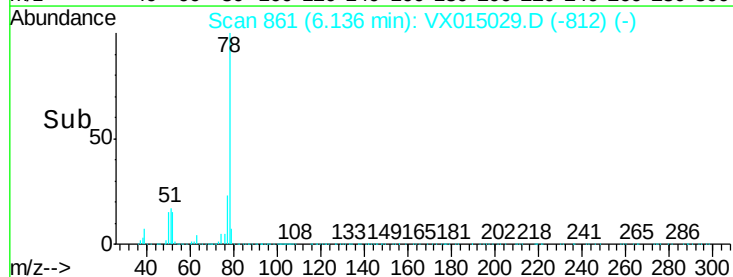
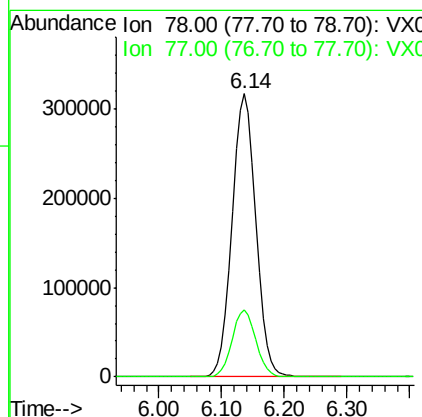
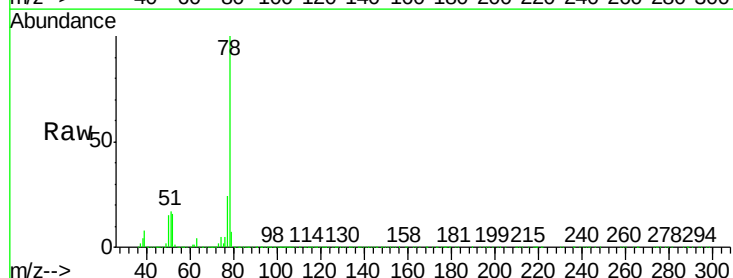
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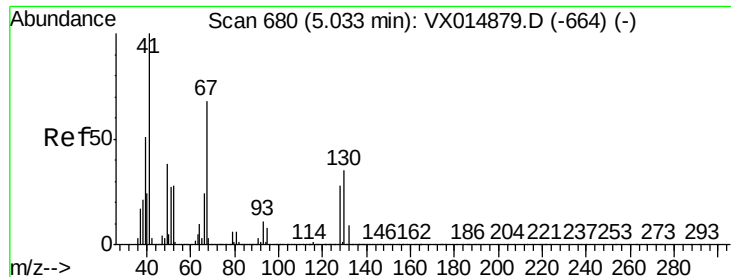
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2/27/2020 10:48:18 AM



#40
Benzene
Concen: 51.497 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





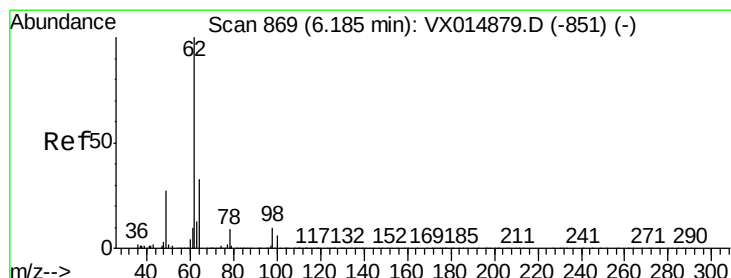
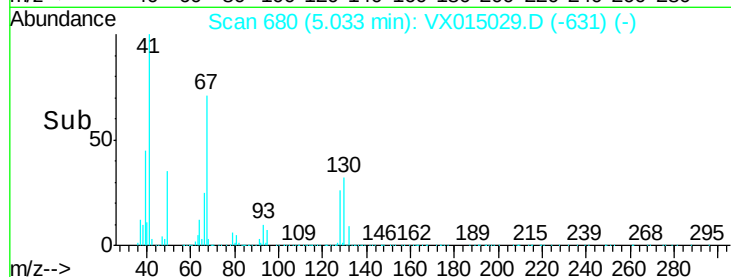
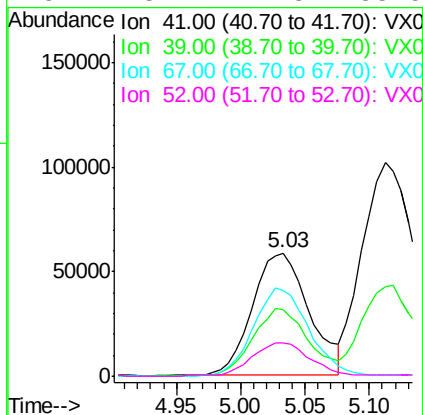
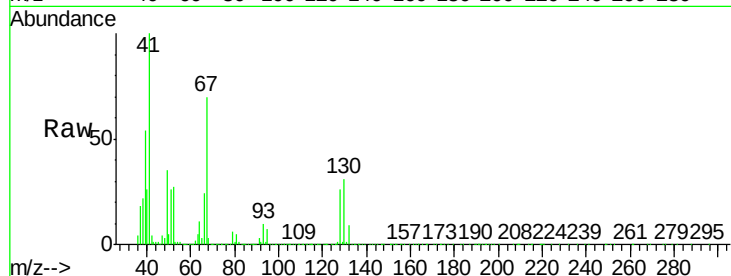
#41
Methacrylonitrile
Concen: 59.112 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		180075		
39	53.2	44.7	67.1		
67	69.9	56.6	84.8		
52	28.2	22.3	33.5		

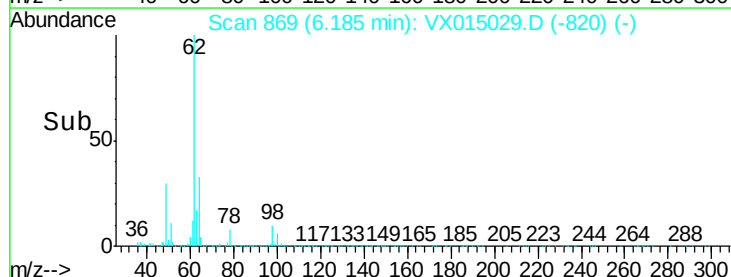
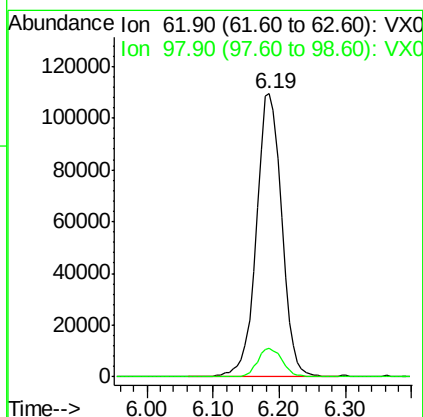
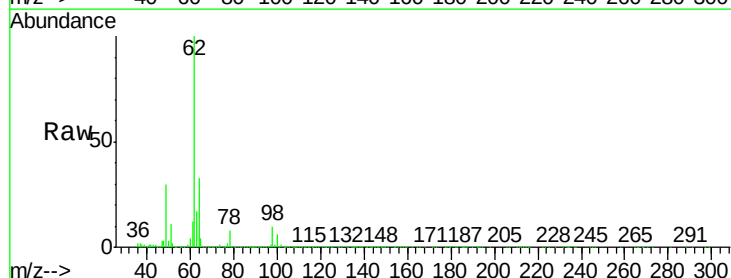
Manual Integrations
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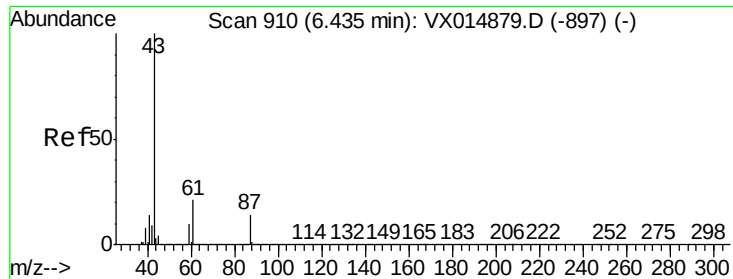
MMDadoda
2/27/2020 10:48:18 AM



#42
1,2-Dichloroethane
Concen: 50.077 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		293193		
98	9.9	0.0	19.2		





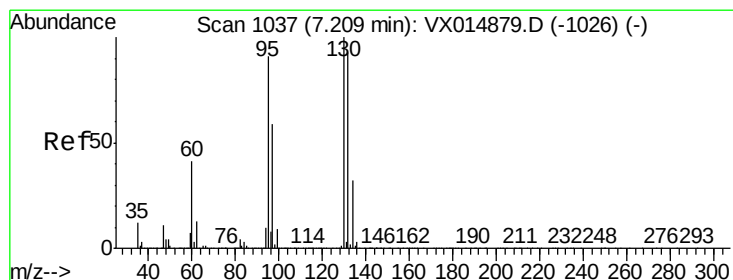
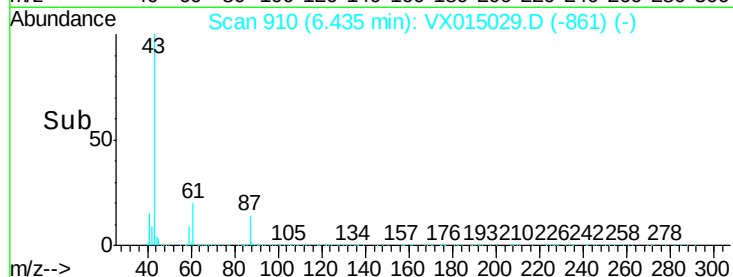
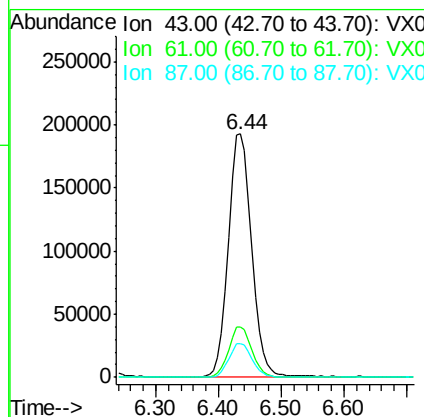
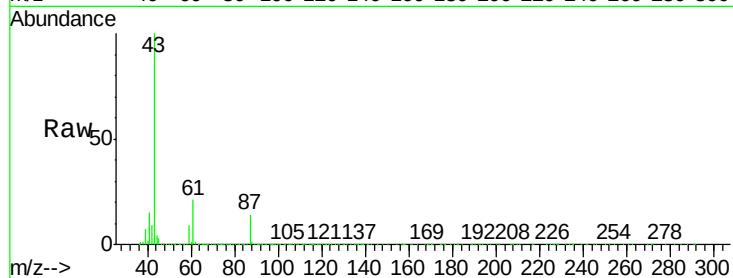
#43
Isopropyl Acetate
Concen: 53.075 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion:	43	Resp:	495094
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.2	24.4
87	13.7	11.0	16.6

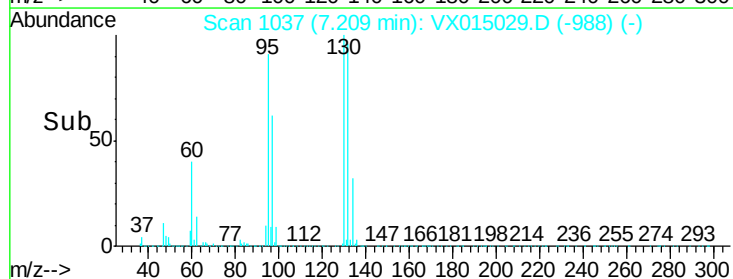
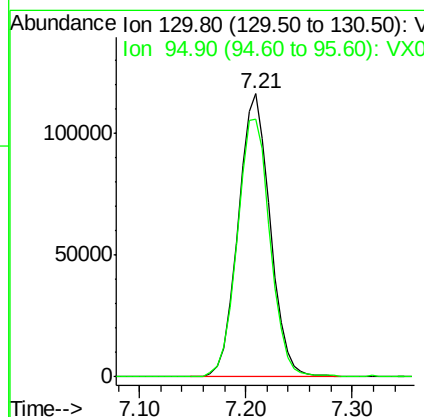
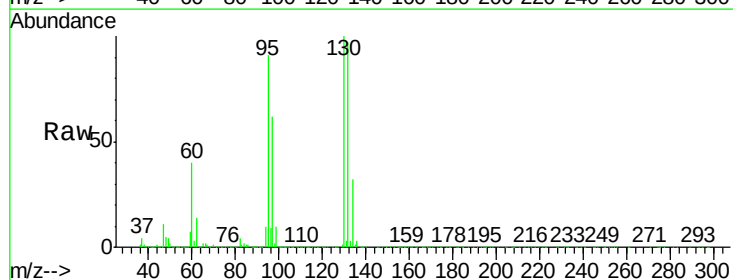
Manual Integrations
APPROVED

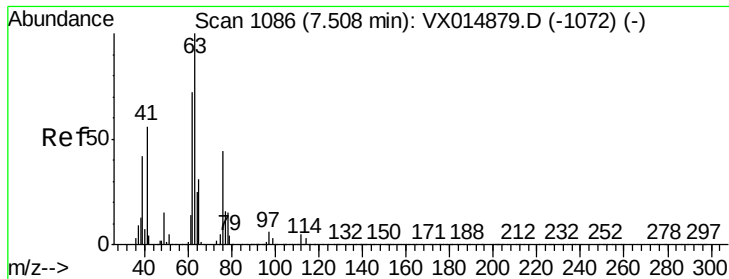
MMDadoda
2/27/2020 10:48:18 AM



#44
Trichloroethene
Concen: 52.045 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion:	130	Resp:	244748
Ion Ratio	Lower	Upper	
130	100		
95	91.2	0.0	182.6





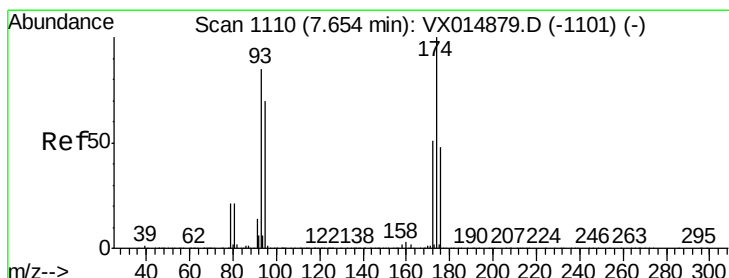
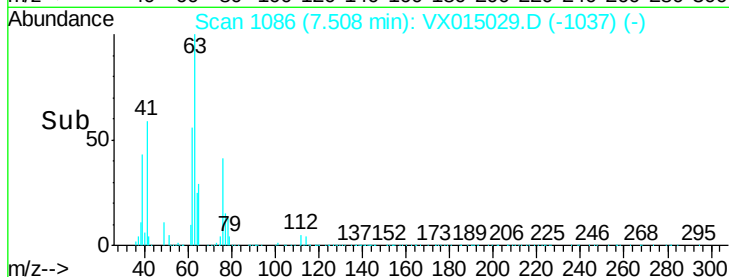
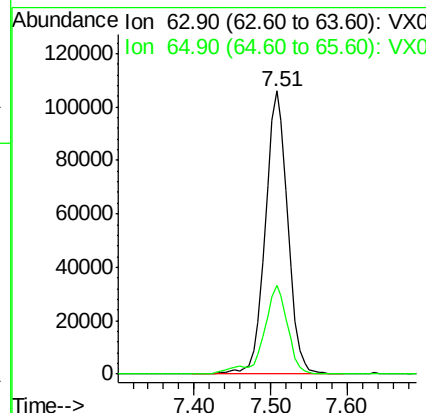
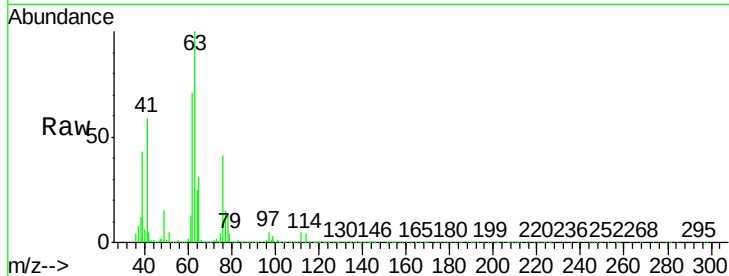
#45
 1,2-Dichloropropane
 Concen: 52.689 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.9	37.3

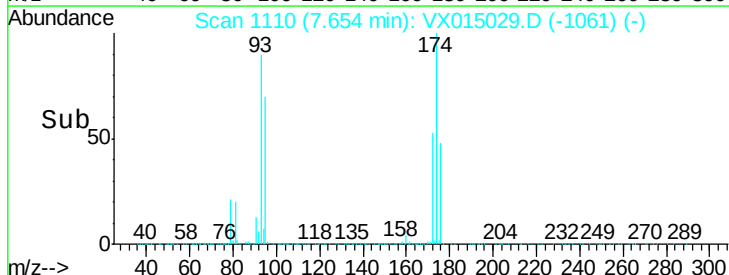
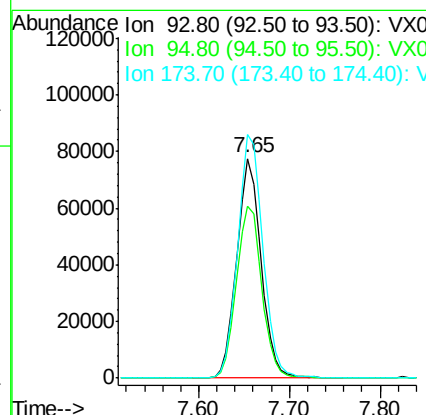
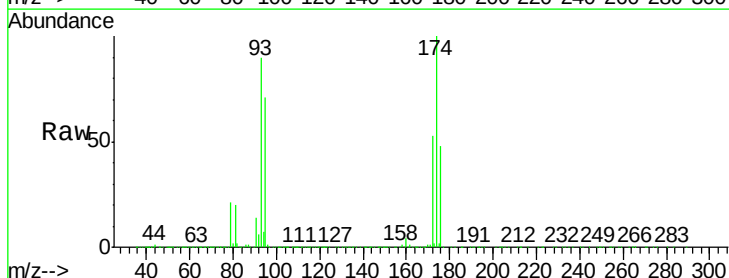
Manual Integrations
 APPROVED

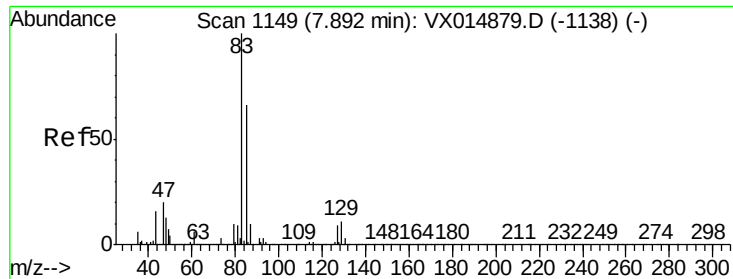
MMDadoda
 2/27/2020 10:48:18 AM



#46
 Dibromomethane
 Concen: 51.433 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.8	98.8
174	114.6	95.4	143.2





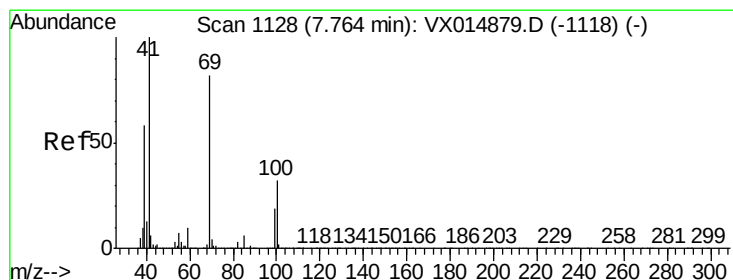
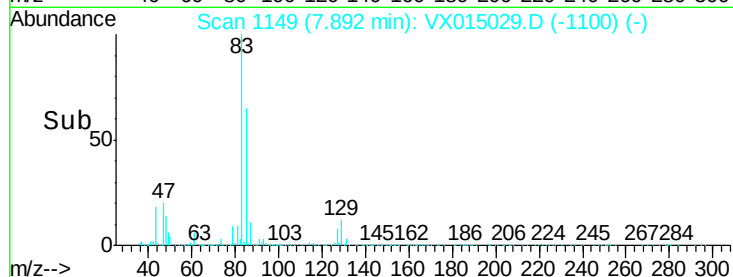
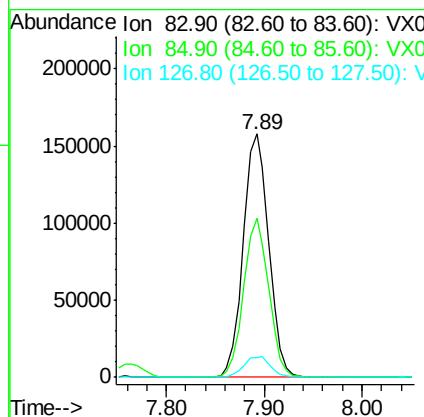
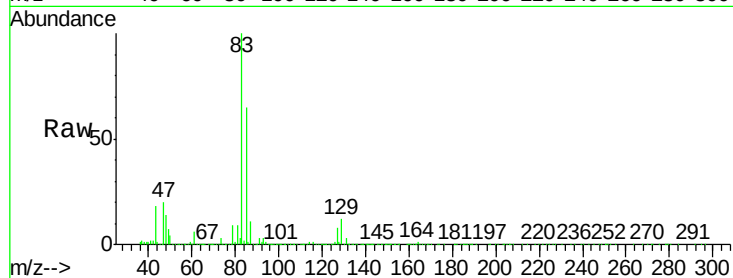
#47
Bromodichloromethane
Concen: 50.659 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	283655		
85	65.2		52.5	78.7
127	8.2		7.4	11.0

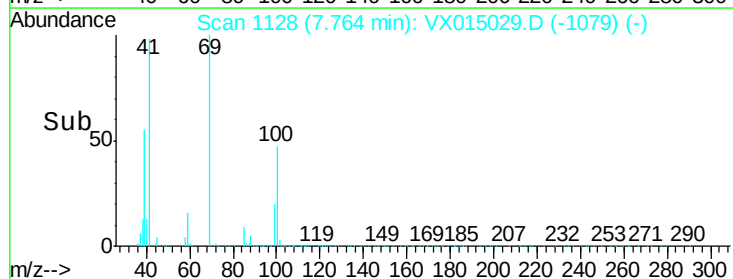
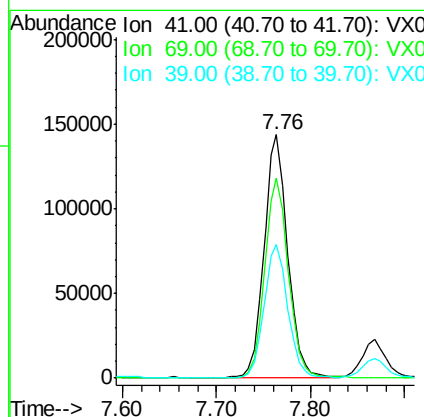
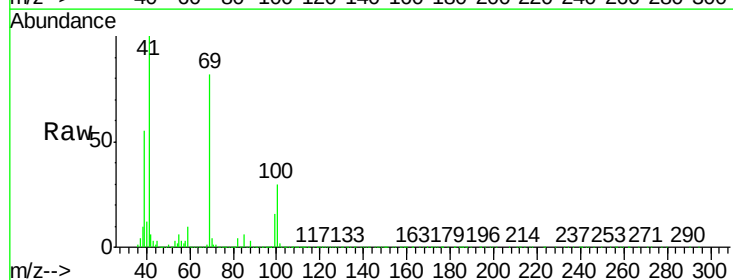
Manual Integrations
APPROVED

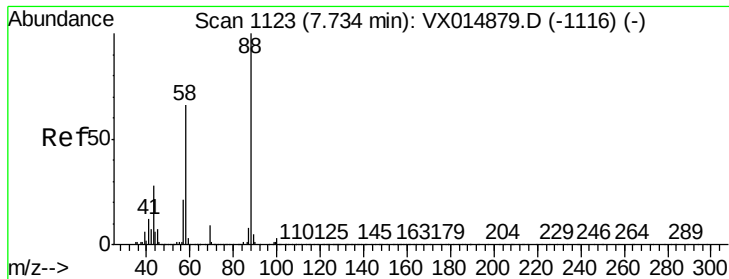
MMDadoda
2/27/2020 10:48:18 AM



#48
Methyl methacrylate
Concen: 55.093 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	252916		
69	82.8		65.7	98.5
39	55.1		45.8	68.8





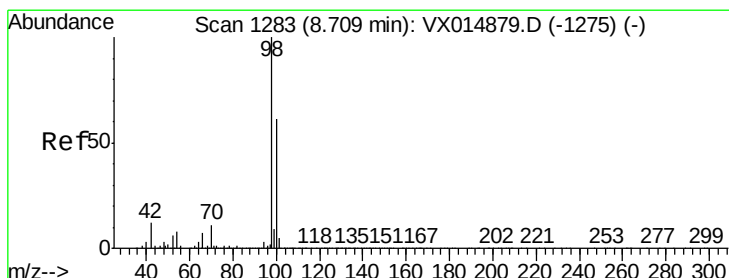
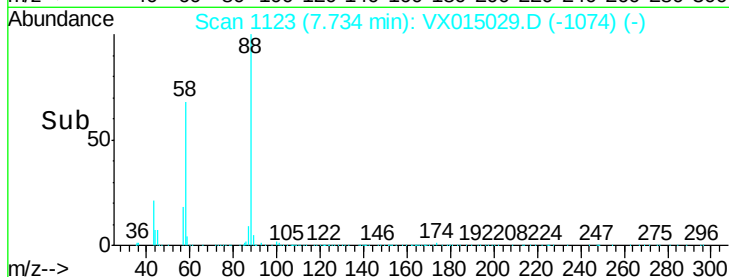
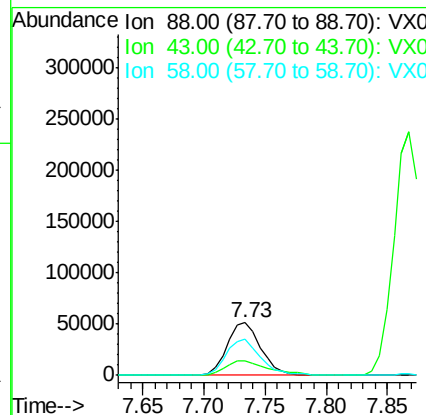
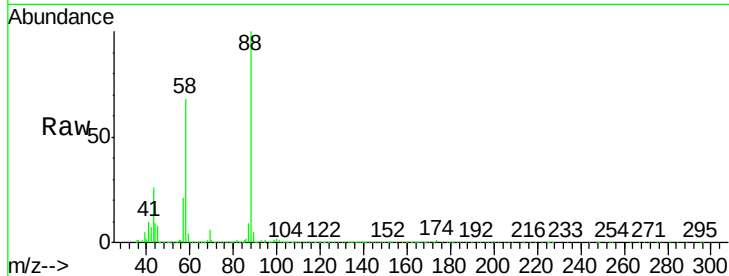
#49
1,4-Dioxane
Concen: 1129.068 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	27.0	40.4
58	71.2	53.2	79.8

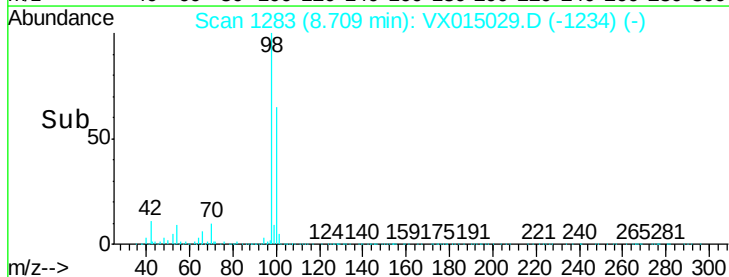
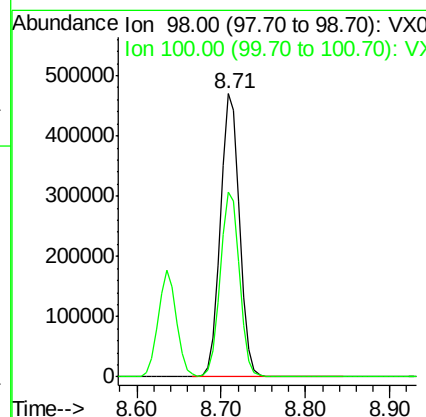
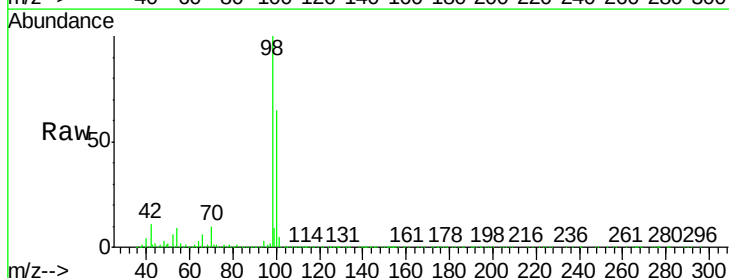
Manual Integrations
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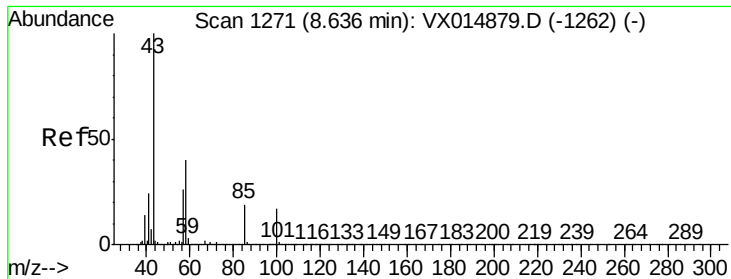
MMDadoda
2/27/2020 10:48:18 AM



#50
Toluene-d8
Concen: 52.024 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 287.203 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MS

Tot Ion: 43 Resp: 1617704

Ion Ratio Lower Upper

43 100

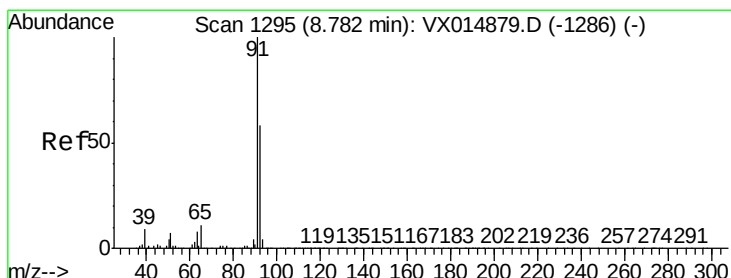
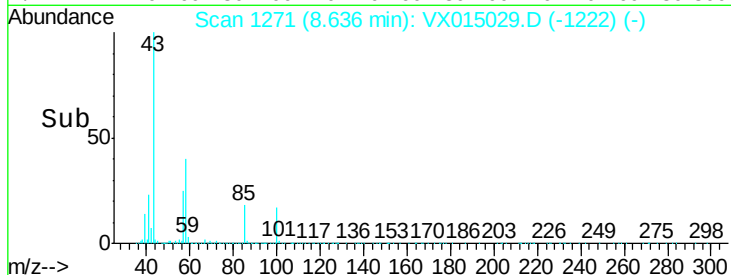
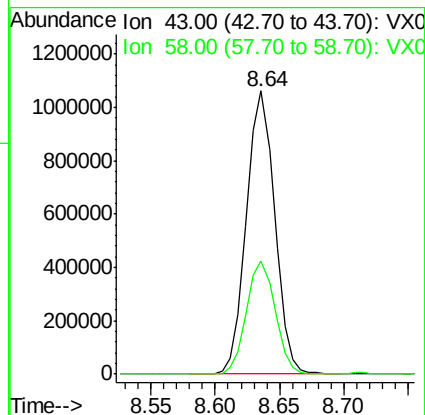
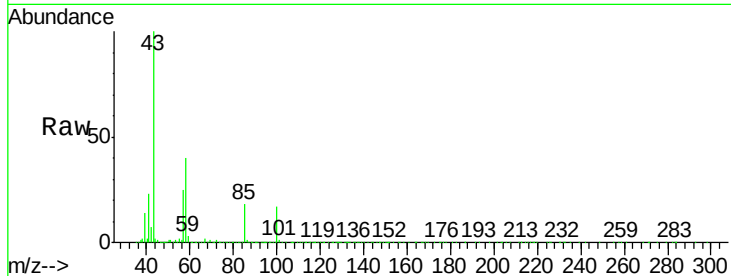
58 40.4 31.9 47.9

Manual Integrations

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MMDadoda

2/27/2020 10:48:18 AM



#52

Toluene

Concen: 51.044 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX015029.D

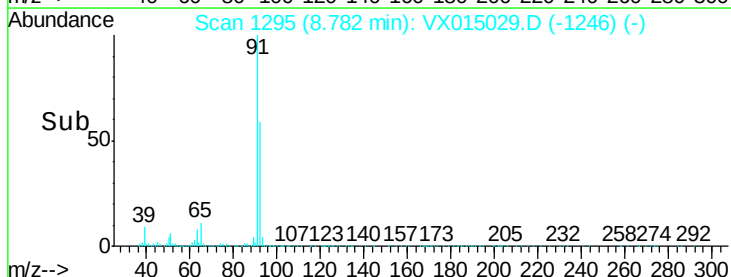
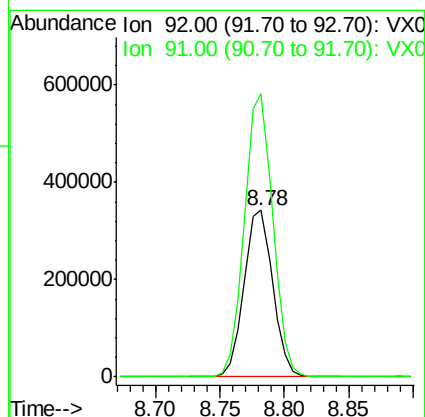
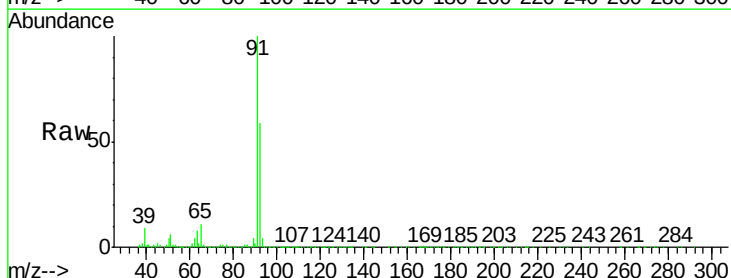
Acq: 26 Feb 2020 18:23

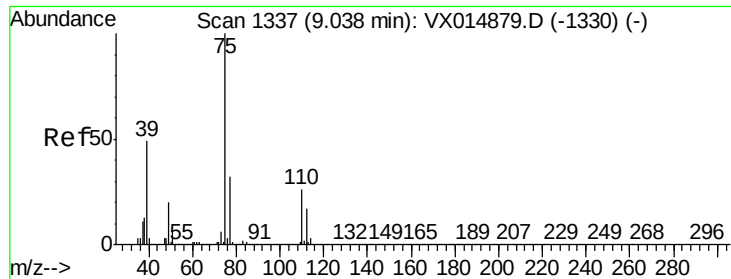
Tgt Ion: 92 Resp: 525173

Ion Ratio Lower Upper

92 100

91 168.8 137.0 205.4





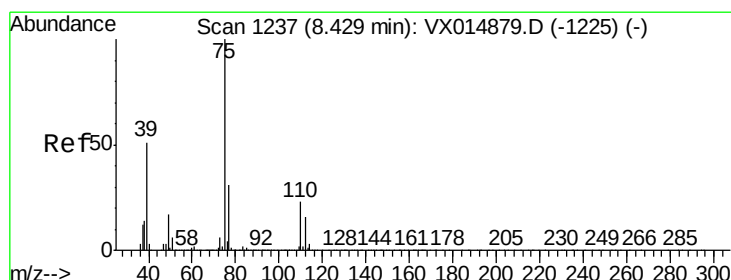
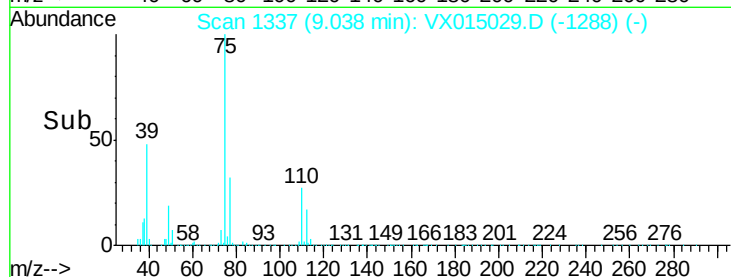
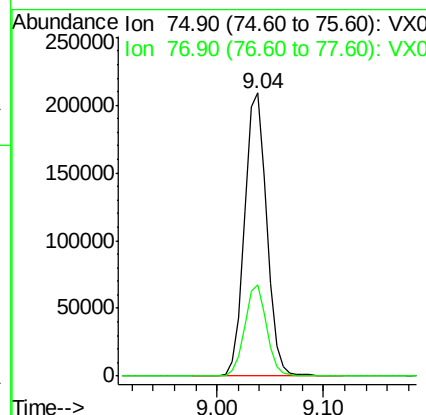
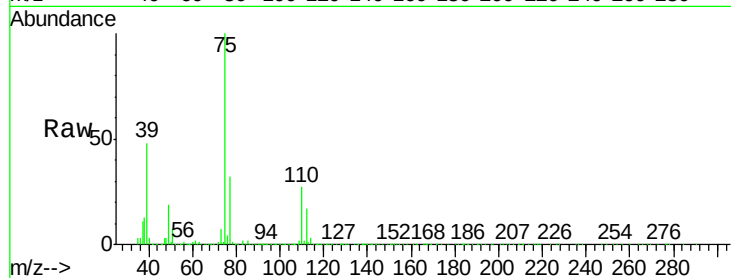
#53
t-1,3-Dichloropropene
Concen: 49.896 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion: 75 Resp: 306188
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3

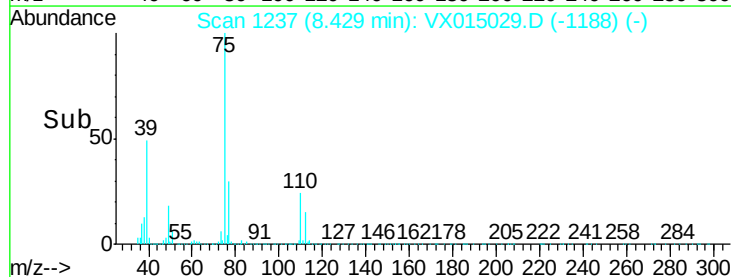
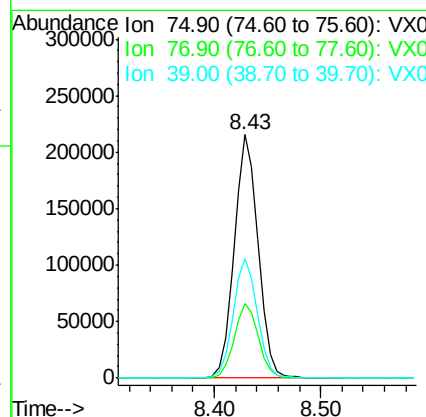
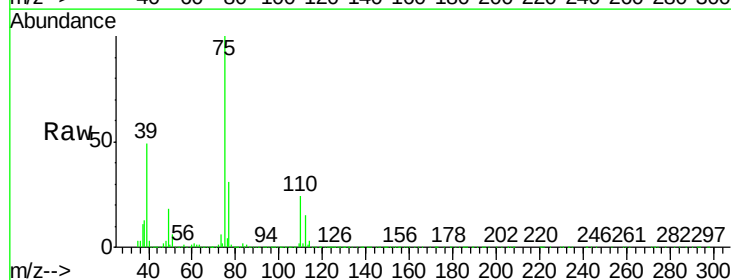
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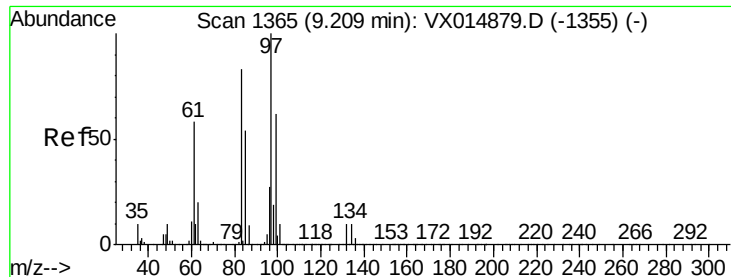
MMDadoda
2/27/2020 10:48:18 AM



#54
cis-1,3-Dichloropropene
Concen: 49.918 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion: 75 Resp: 338395
Ion Ratio Lower Upper
75 100
77 30.6 24.6 37.0
39 48.7 40.9 61.3





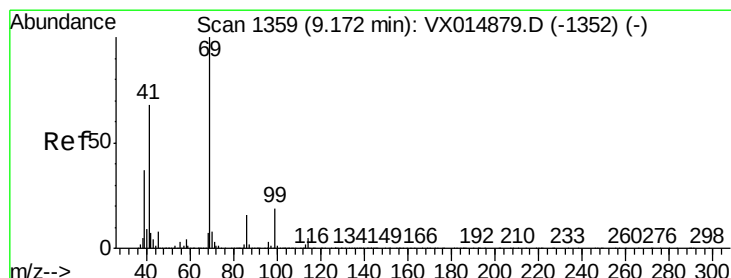
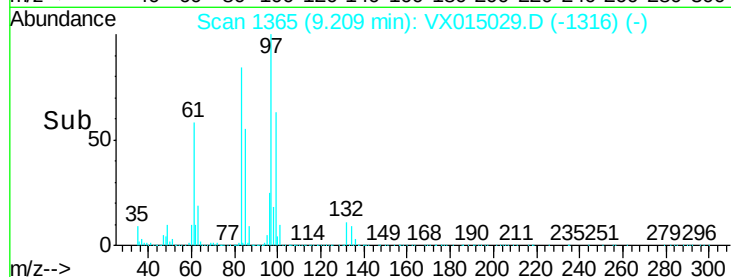
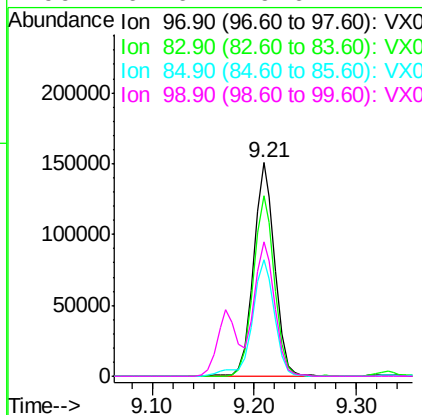
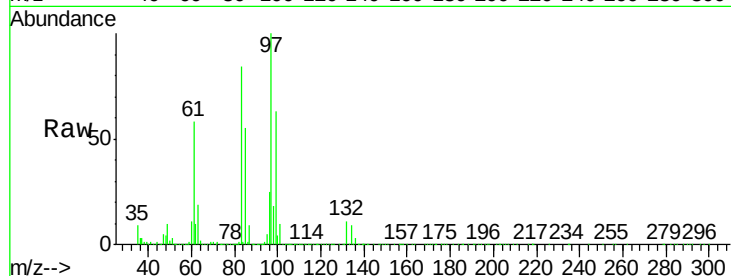
#55
 1,1,2-Trichloroethane
 Concen: 52.697 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		219359		
83	84.2	66.6	99.8		
85	54.7	43.5	65.3		
99	62.6	49.6	74.4		

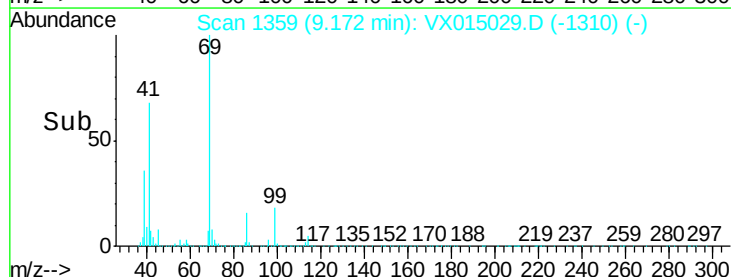
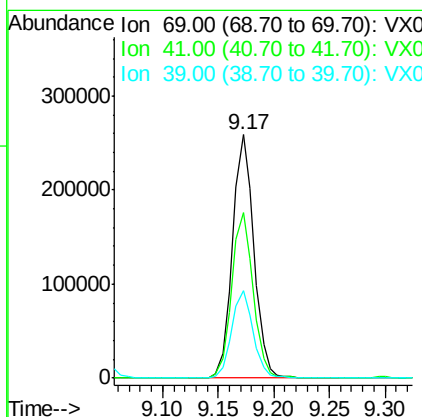
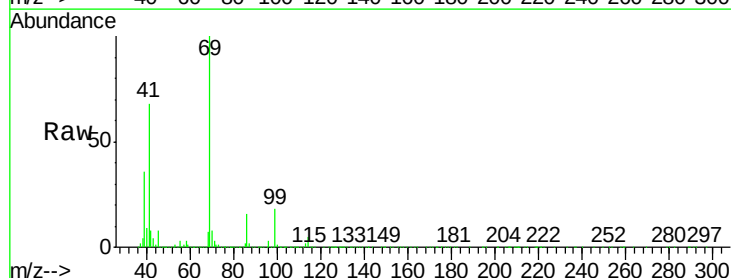
Manual Integrations
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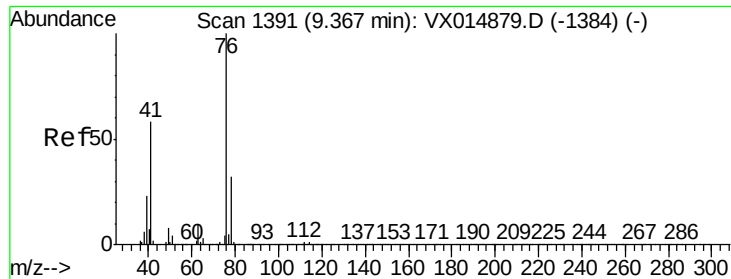
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 55.058 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		344485		
41	67.7	54.8	82.2		
39	35.7	29.9	44.9		





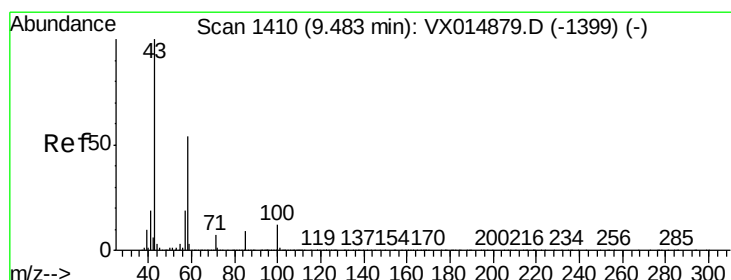
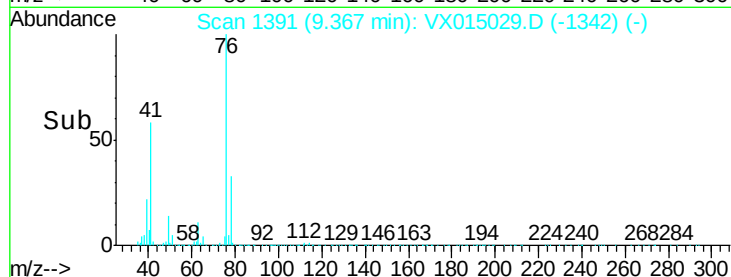
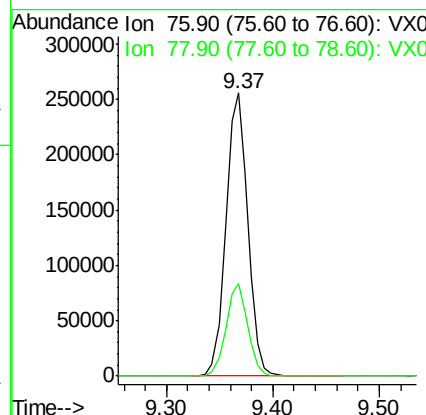
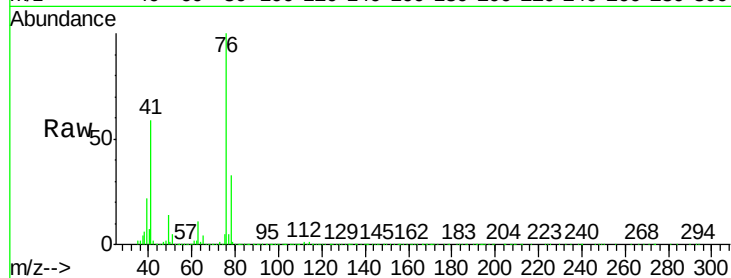
#57
 1,3-Dichloropropane
 Concen: 52.082 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.8

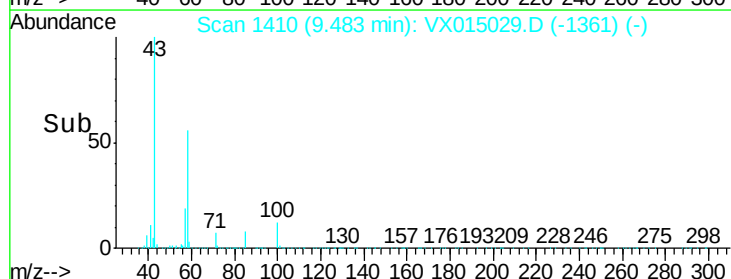
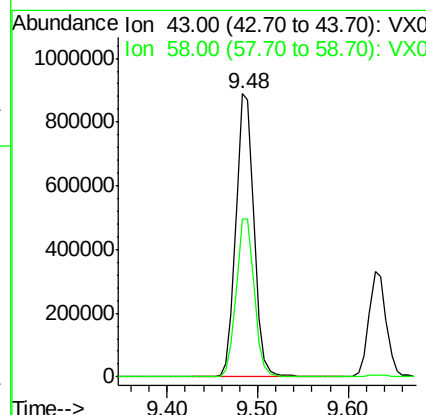
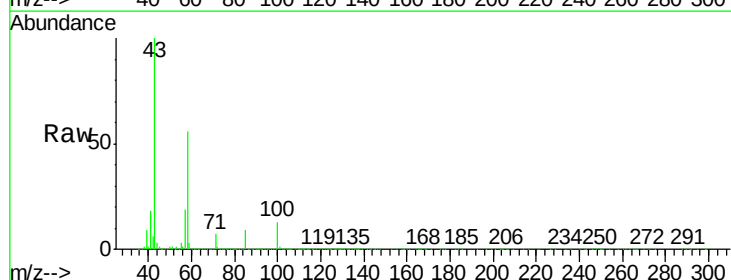
Manual Integrations
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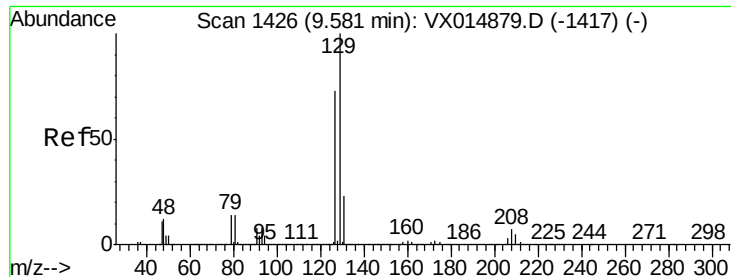
MMDadoda
 2/27/2020 10:48:18 AM



#59
 2-Hexanone
 Concen: 276.815 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.2	27.5	82.5





#60

Dibromochloromethane

Concen: 51.471 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MS

Tot Ion:129 Resp: 230574

Ion Ratio Lower Upper

129 100

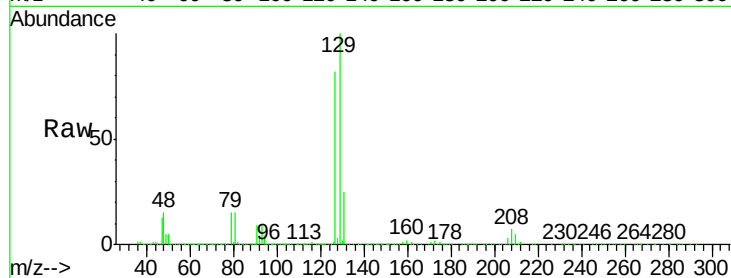
127 79.2 37.8 113.3

Manual Integrations

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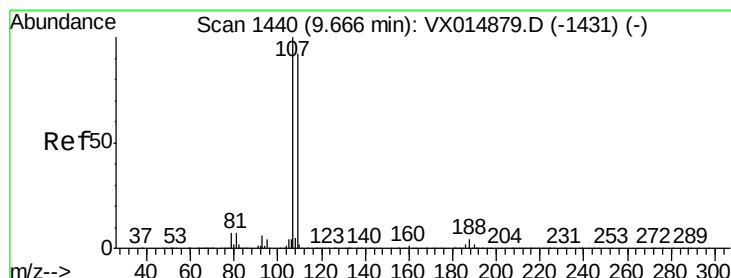
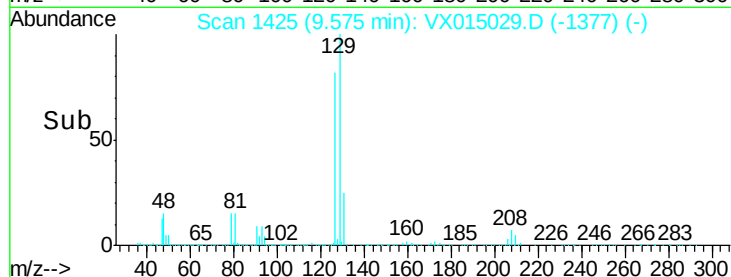
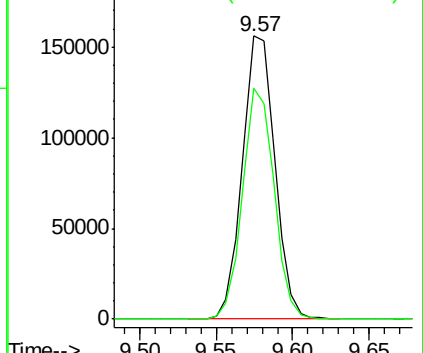
MMDadoda

2/27/2020 10:48:18 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.918 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015029.D

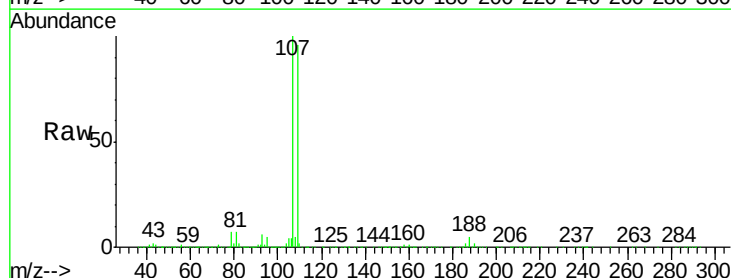
Acq: 26 Feb 2020 18:23

Tgt Ion:107 Resp: 228691

Ion Ratio Lower Upper

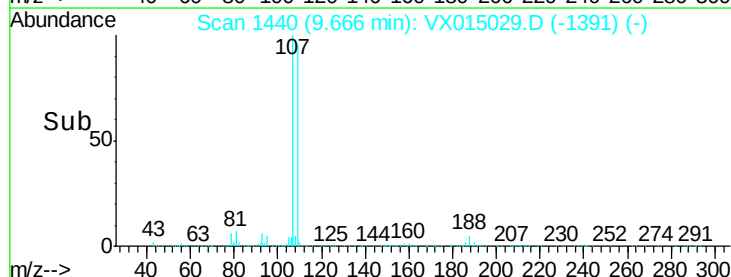
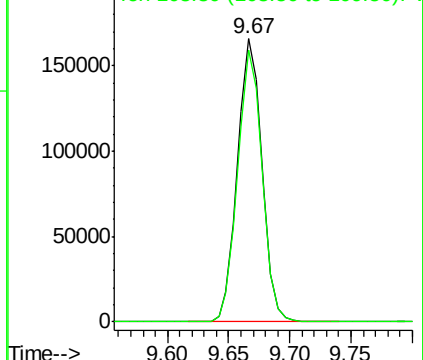
107 100

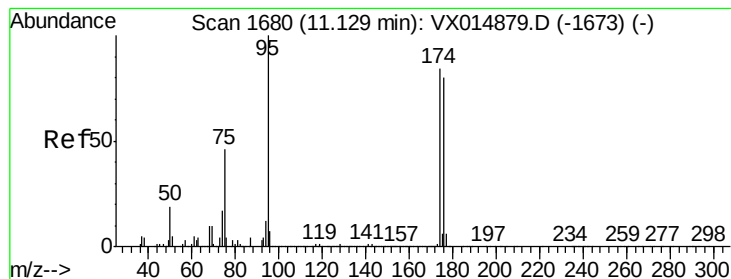
109 96.1 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 53.655 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

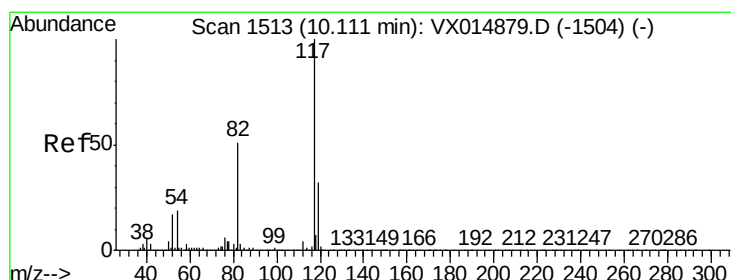
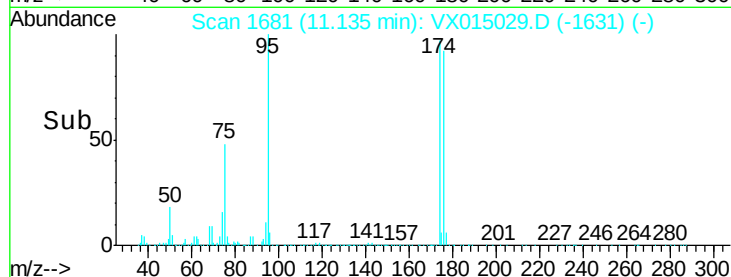
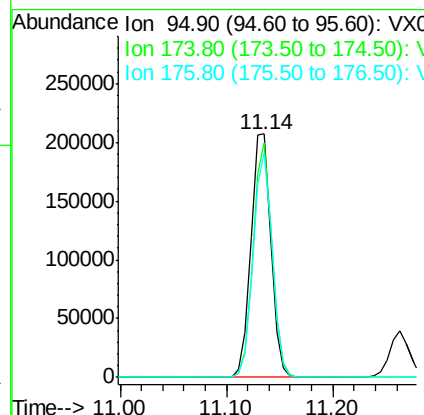
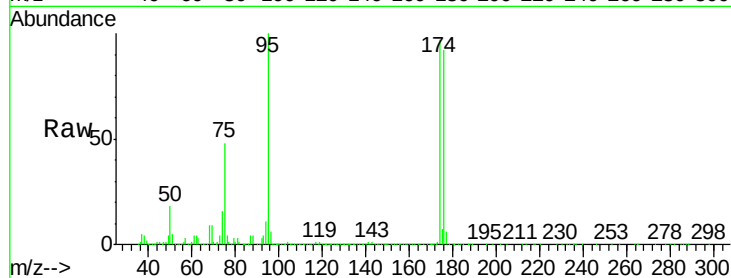
ClientSampleId :

GR-OF-20200225MS

Tot Ion:	95	Resp:	274904
Ion Ratio	Lower	Upper	
95	100		
174	90.8	0.0	183.0
176	87.7	0.0	178.0

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2/27/2020 10:48:18 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

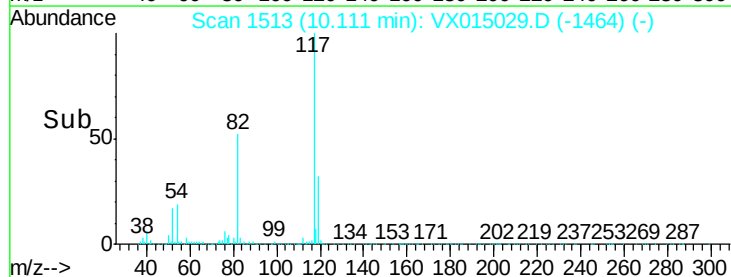
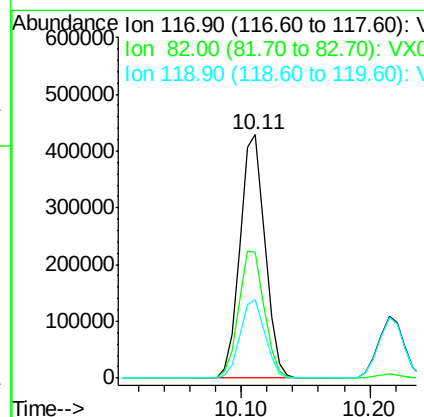
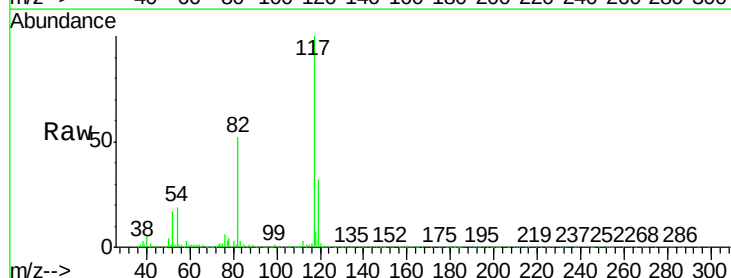
RT: 10.11 min Scan# 1513

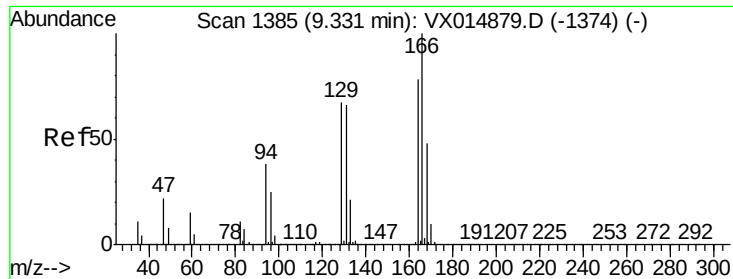
Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Tgt Ion:	117	Resp:	581982
Ion Ratio	Lower	Upper	
117	100		
82	51.6	40.5	60.7
119	32.2	25.8	38.6





#64

Tetrachloroethene

Concen: 42.264 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

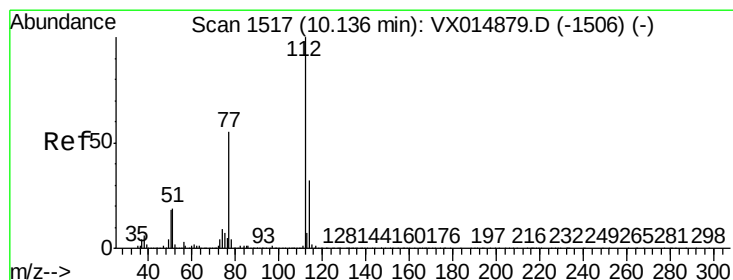
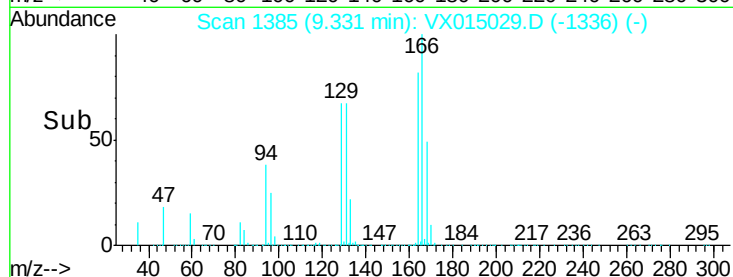
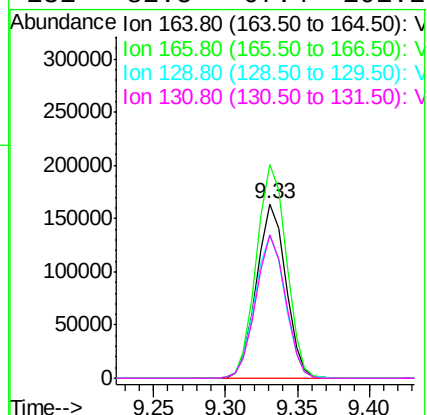
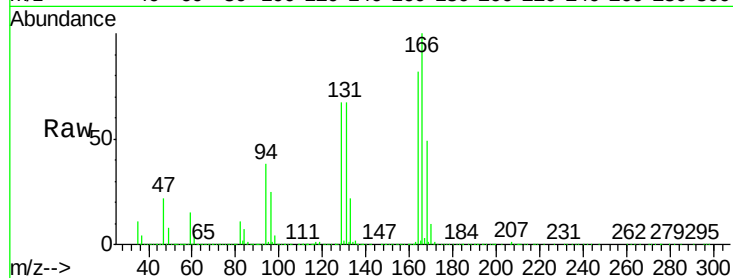
ClientSampleId :

GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	122.5	102.6	153.8
129	82.2	68.3	102.5
131	82.5	67.4	101.2

Manual Integrations
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#65

Chlorobenzene

Concen: 48.530 ug/l

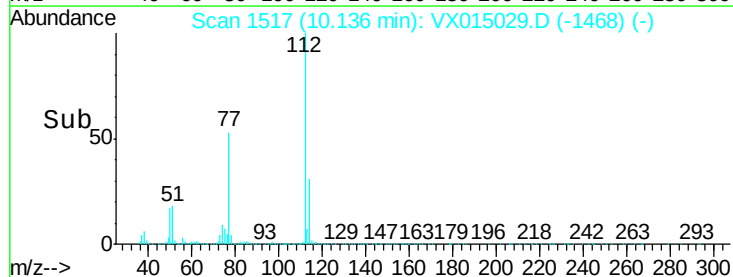
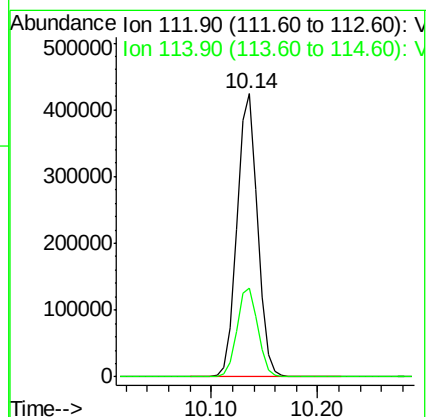
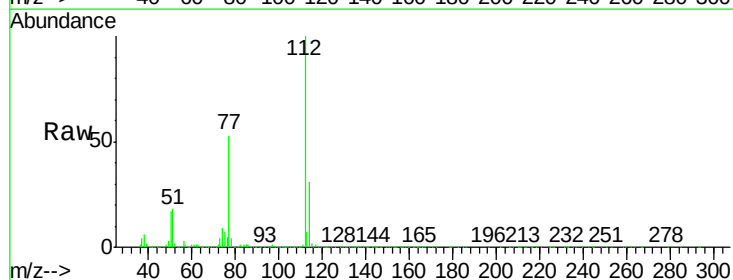
RT: 10.14 min Scan# 1517

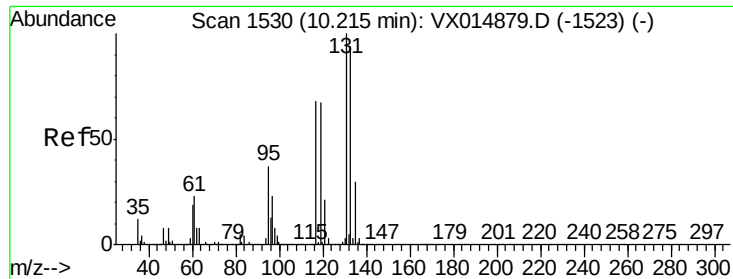
Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.6	38.4





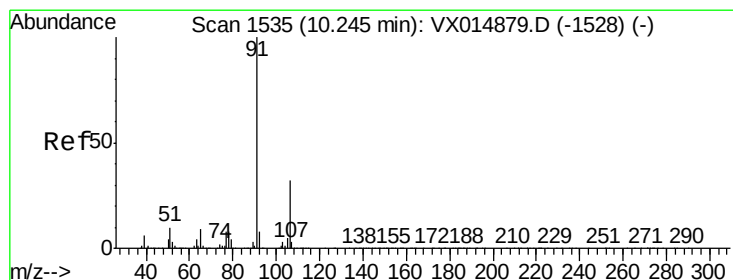
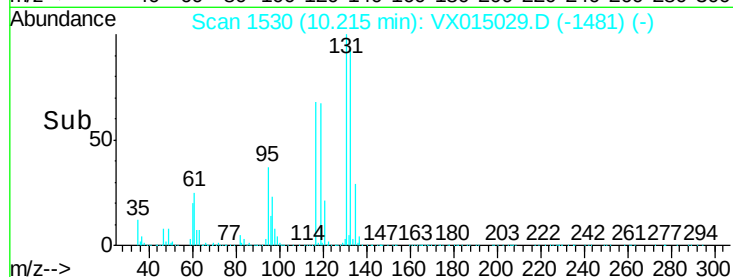
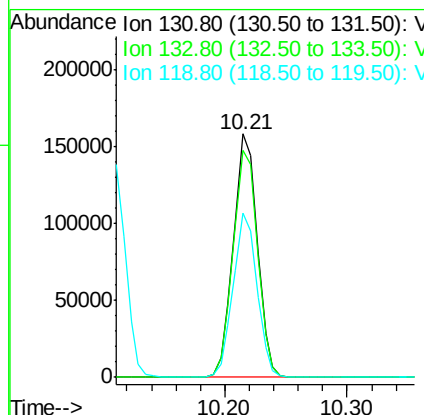
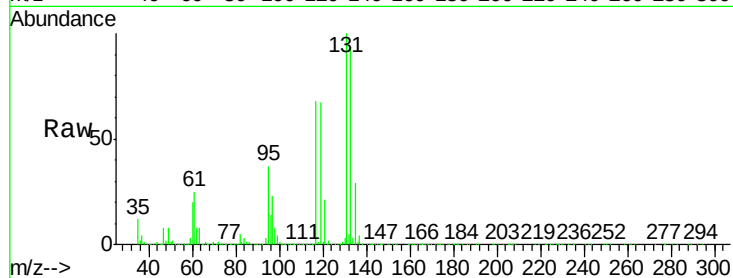
#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.811 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.1	144.4
119	67.1	33.0	99.0

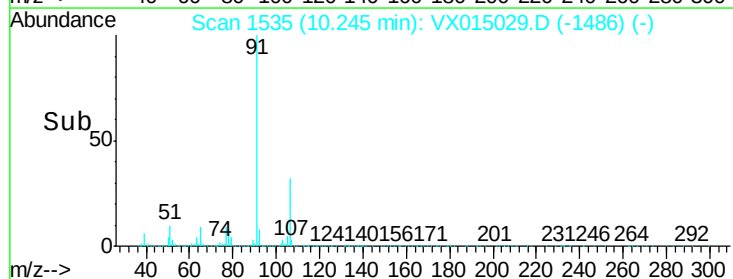
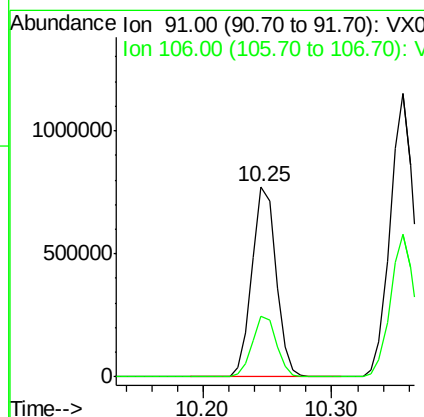
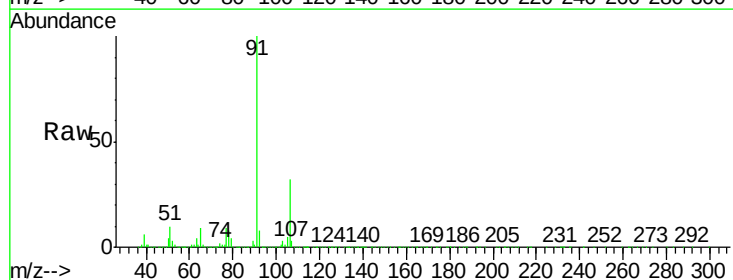
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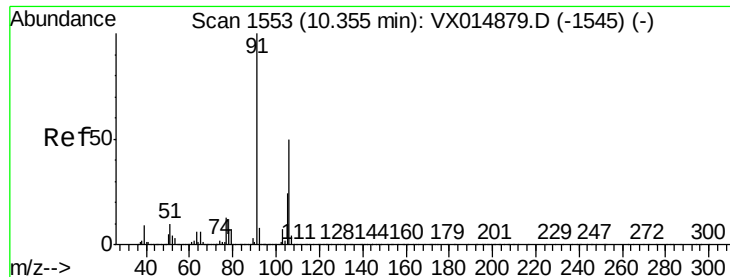
MMDadoda
 2/27/2020 10:48:18 AM



#67
 Ethyl Benzene
 Concen: 49.476 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.3	37.9





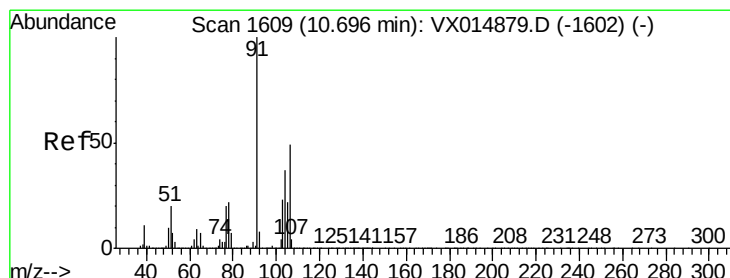
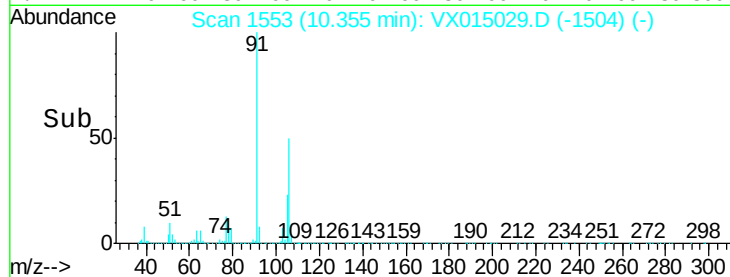
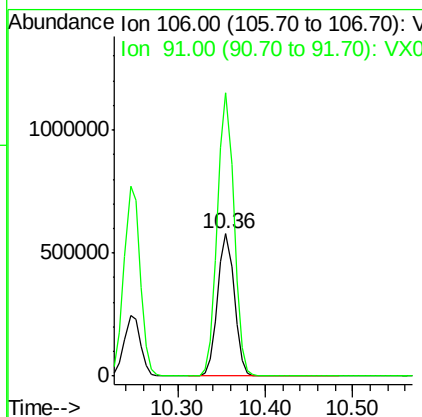
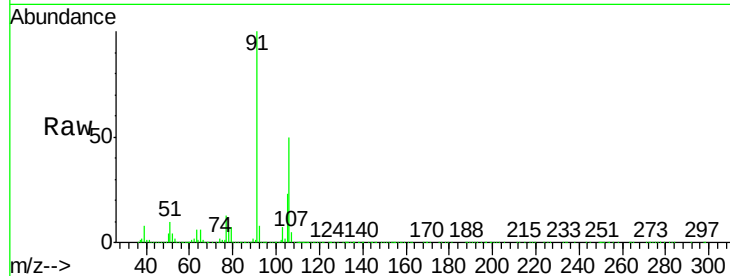
#68
m/p-Xylenes
Concen: 98.454 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.9	160.6	240.8

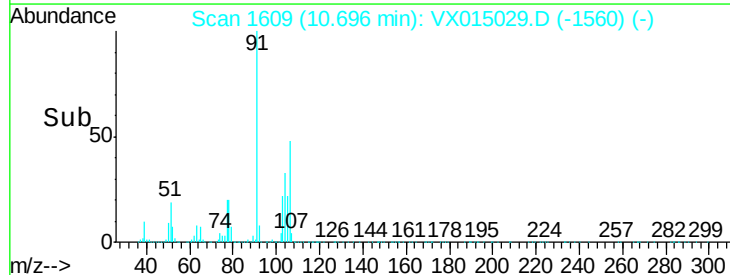
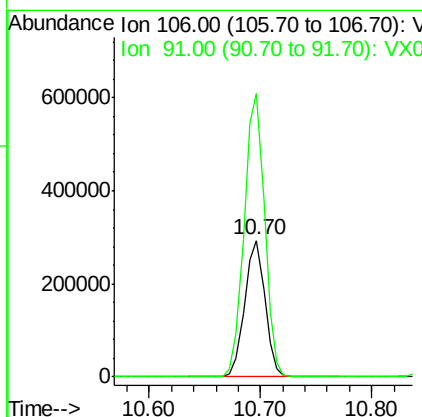
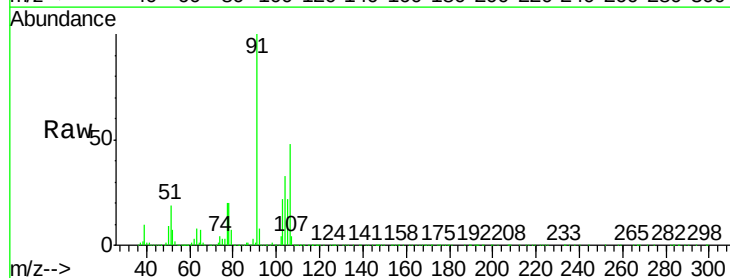
Manual Integrations
APPROVED

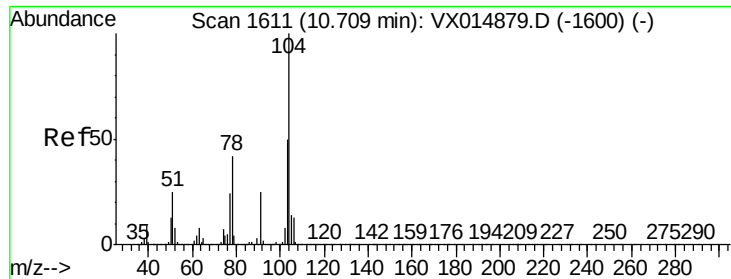
MMDadoda
2/27/2020 10:48:18 AM



#69
o-Xylene
Concen: 49.686 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.7	105.1	315.3





#70

Stvrene

Concen: 50.888 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

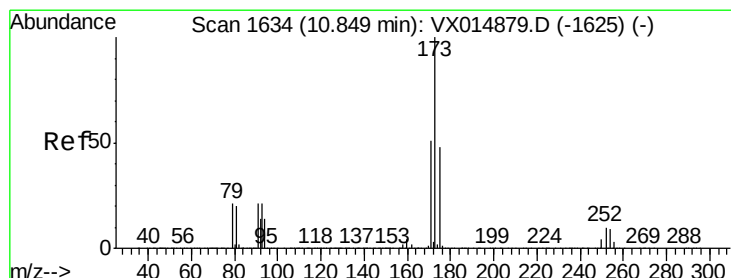
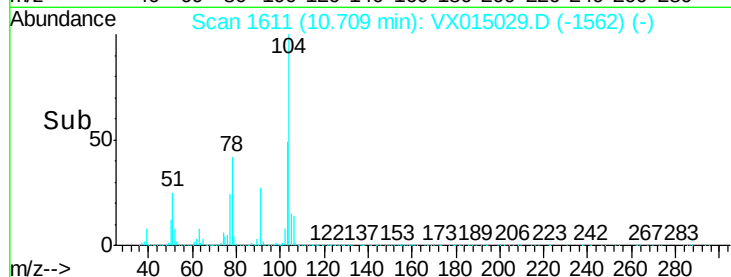
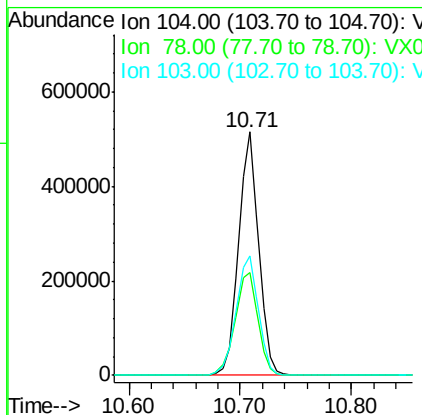
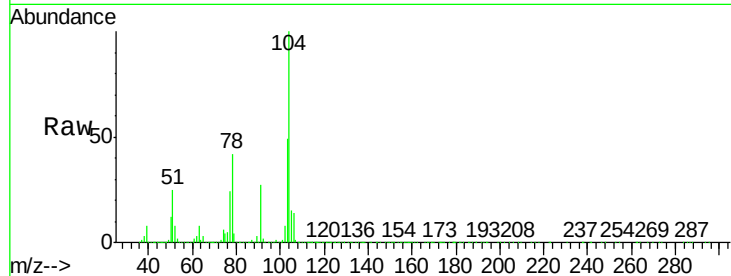
ClientSampleId :

GR-OF-20200225MS

Tot Ion:	104	Resp:	639999
Ion Ratio	Lower	Upper	
104	100		
78	48.4	39.0	58.4
103	55.1	43.4	65.0

Manual Integrations
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2/27/2020 10:48:18 AM



#71

Bromoform

Concen: 50.731 ug/l

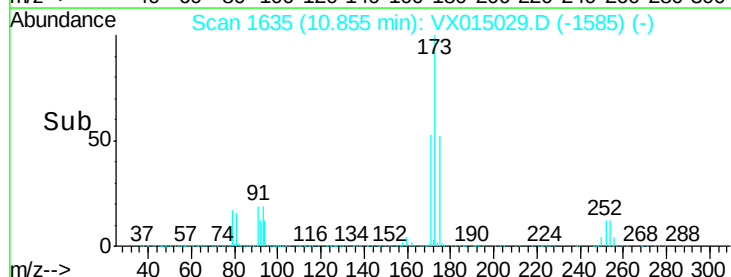
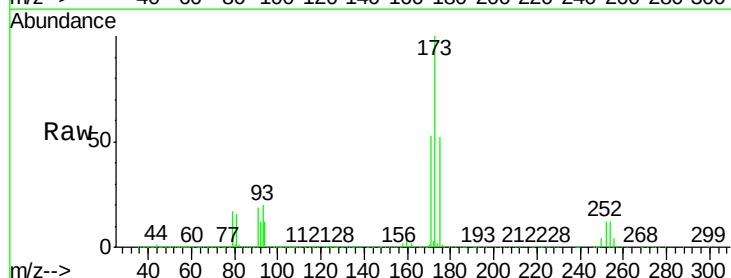
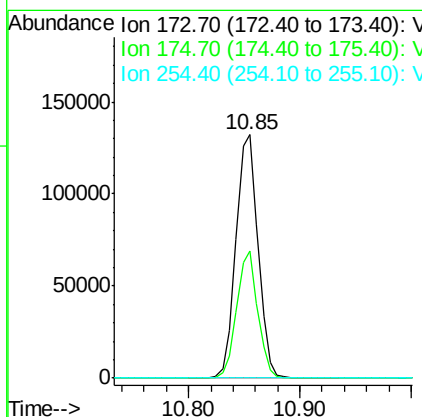
RT: 10.85 min Scan# 1635

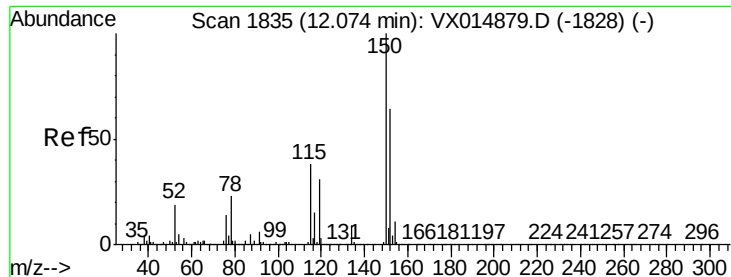
Delta R.T. 0.01 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Tgt Ion:	173	Resp:	181466
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.2	72.6
254	0.3	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

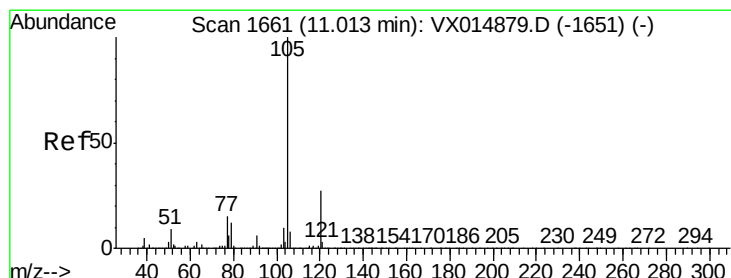
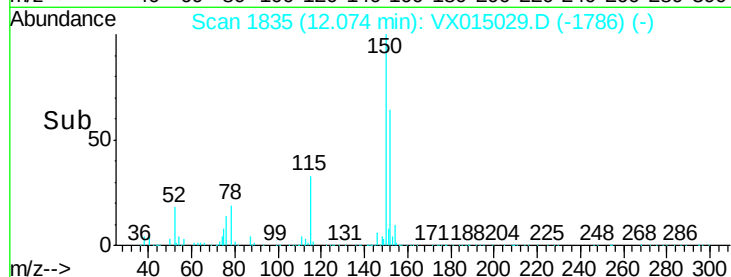
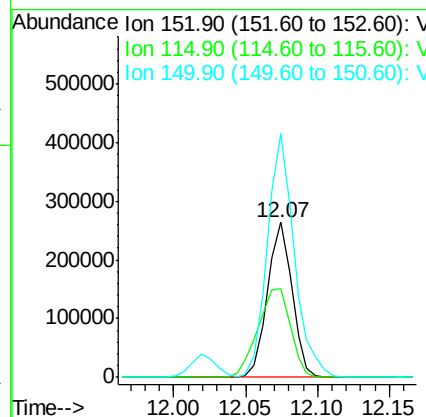
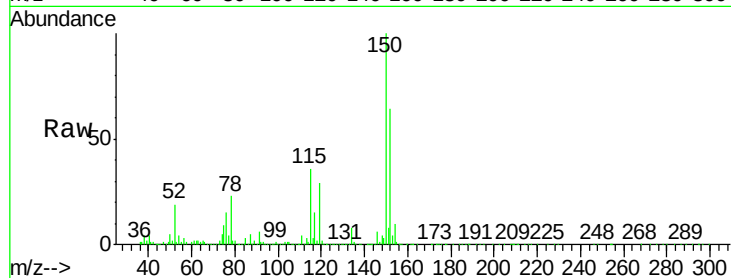
ClientSampleId :

GR-OF-20200225MS

Tot Ion:	152	Resp:	310525
Ion Ratio	Lower	Upper	
152	100		
115	75.5	38.6	116.0
150	172.4	0.0	349.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 51.010 ug/l

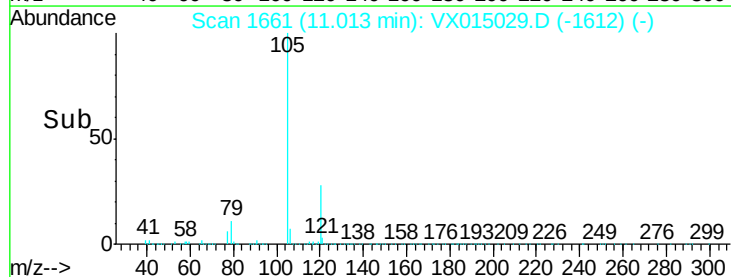
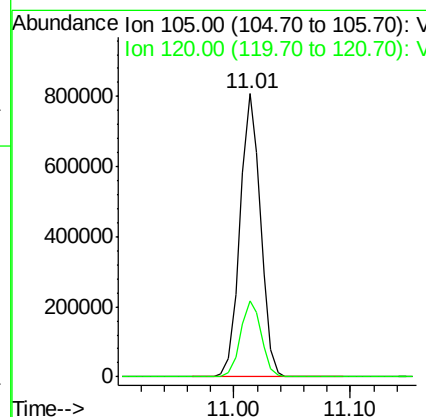
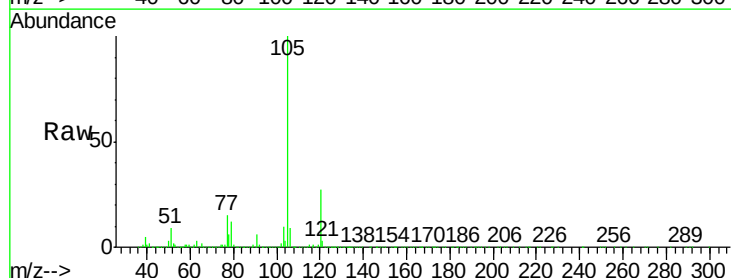
RT: 11.01 min Scan# 1661

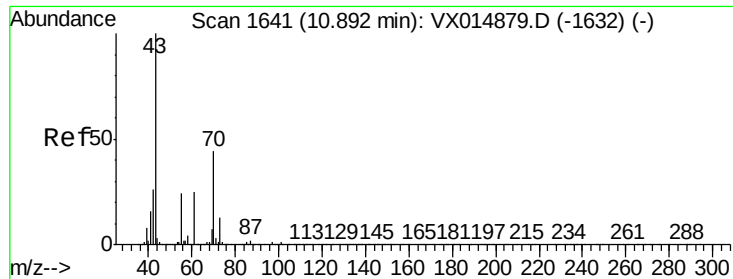
Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Tgt Ion:	105	Resp:	993326
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.6	40.8





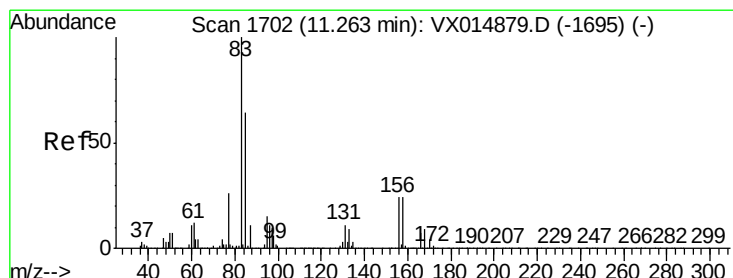
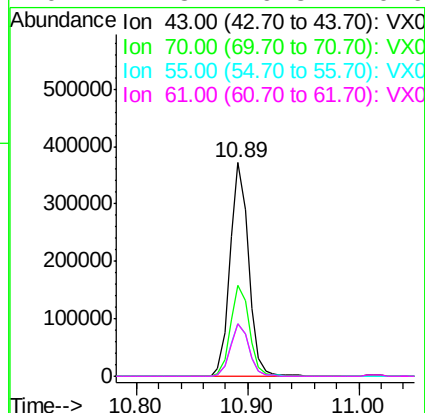
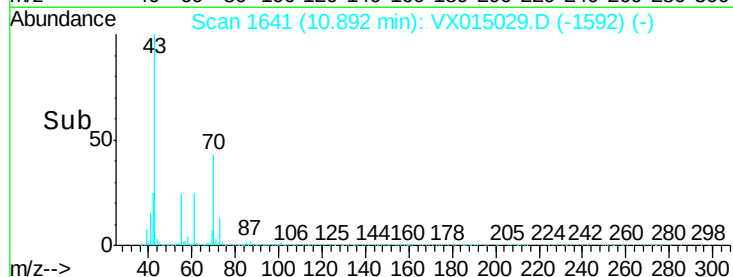
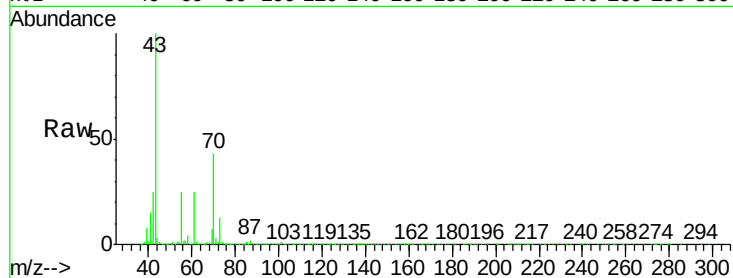
#74
N-amvl acetate
Concen: 52.528 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	43.8	35.0	52.4		
55	24.9	19.4	29.2		
61	24.8	19.8	29.6		

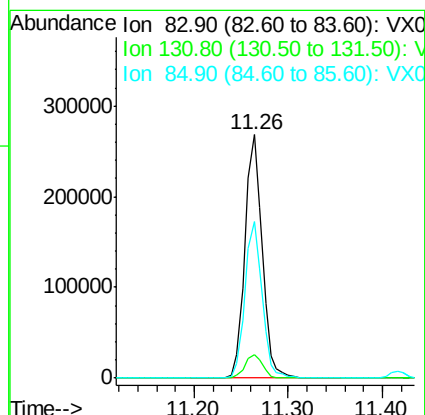
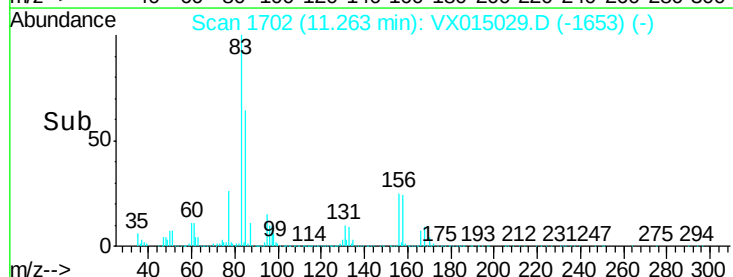
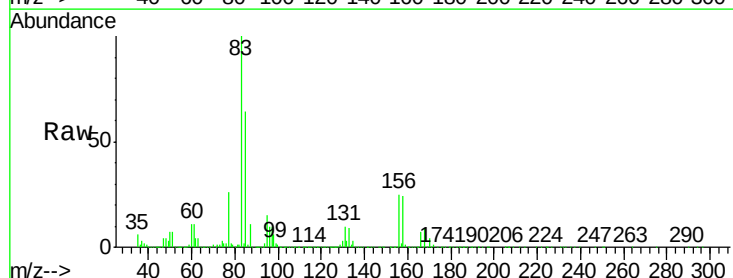
Manual Integrations
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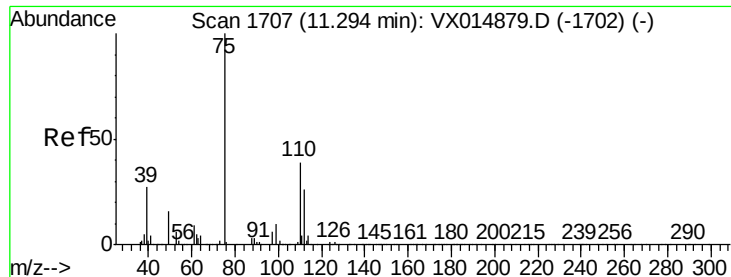
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#75
1,1,2,2-Tetrachloroethane
Concen: 53.746 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	9.8	5.3	16.1		
85	64.3	32.6	97.7		





#76

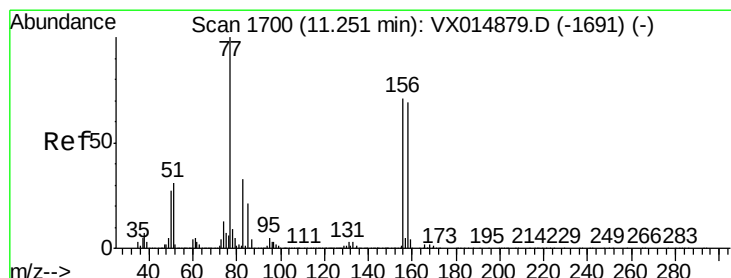
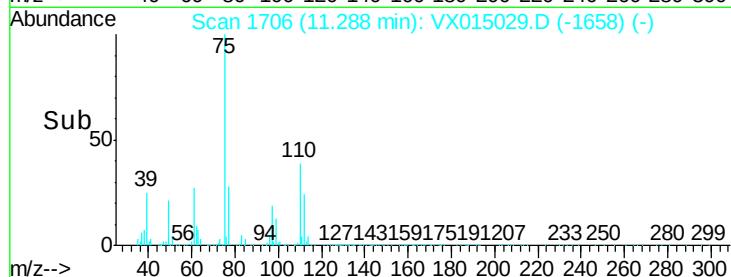
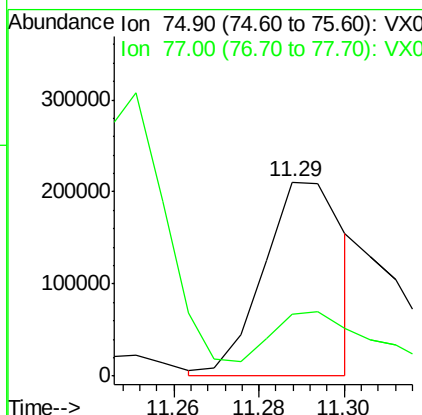
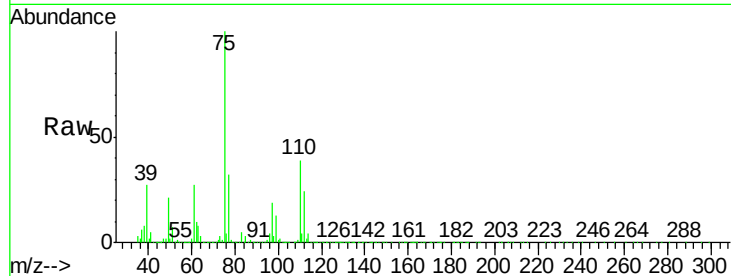
1,2,3-Trichloropropane
Concen: 49.024 ug/l m
RT: 11.29 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	43.7	18.4	55.0

Manual Integrations
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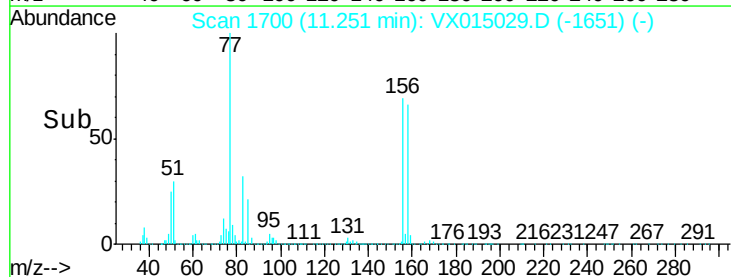
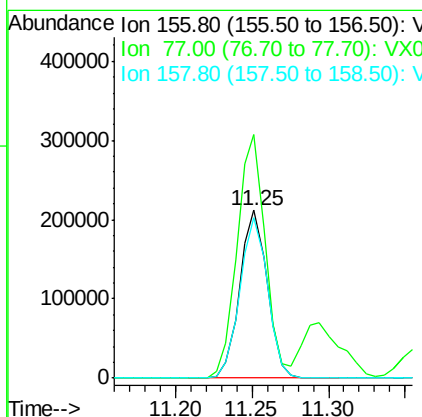
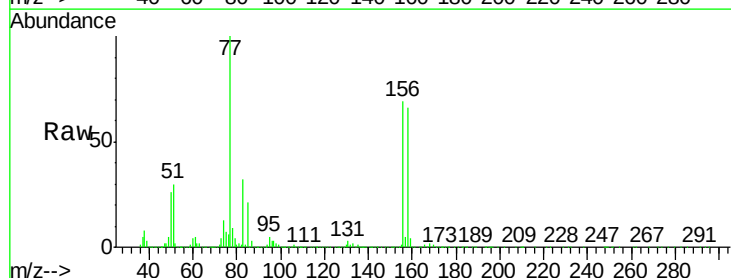
MMDadoda
2/27/2020 10:48:18 AM

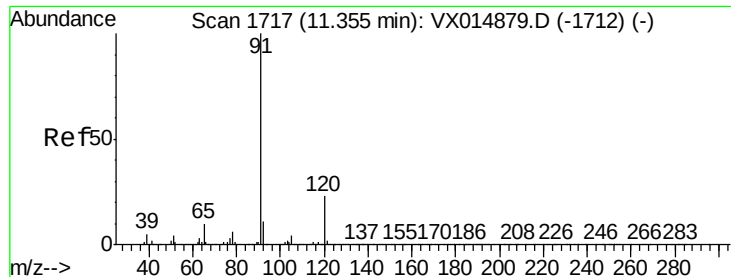


#77

Bromobenzene
Concen: 48.435 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
156	100		
77	149.1	74.0	222.0
158	96.5	48.9	146.6





#78

n-propylbenzene

Concen: 49.451 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MS

Tot Ion: 91 Resp: 1113782

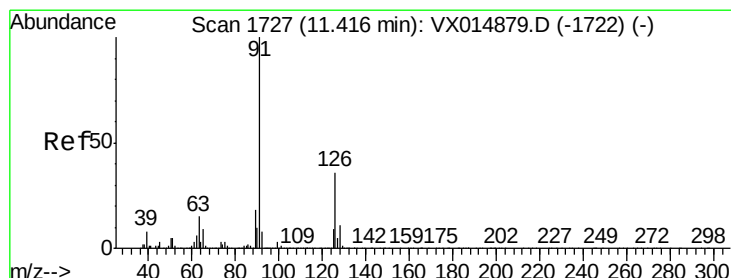
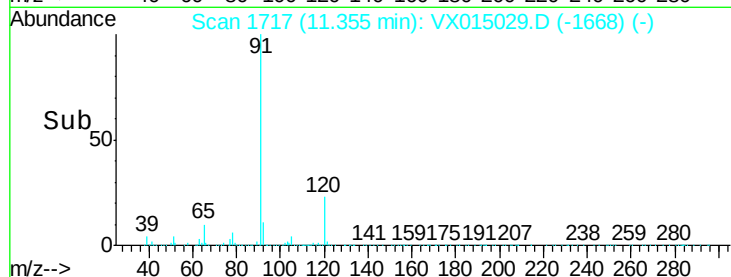
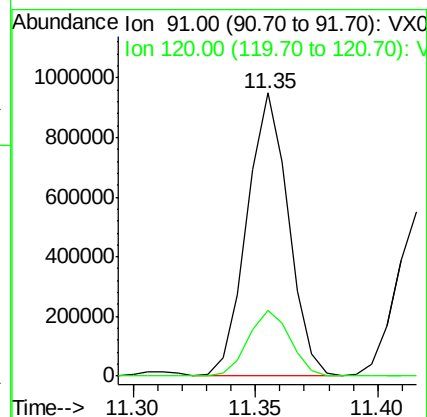
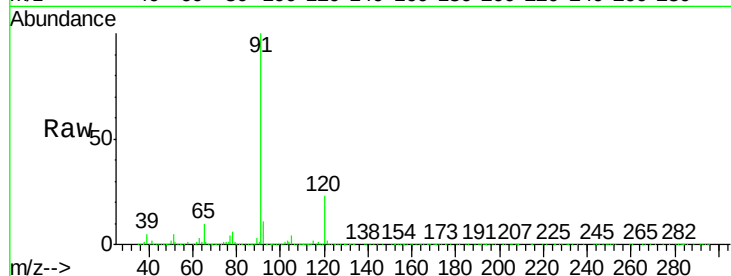
Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.4

Manual Integrations
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2/27/2020 10:48:18 AM



#79

2-Chlorotoluene

Concen: 49.666 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015029.D

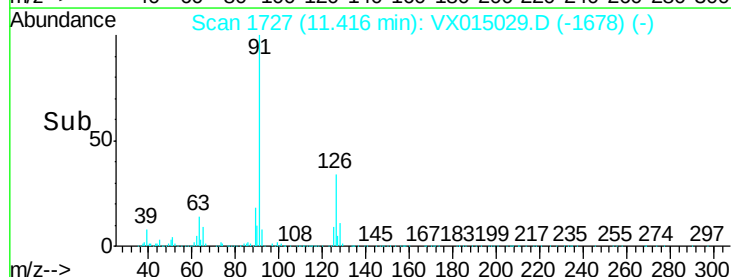
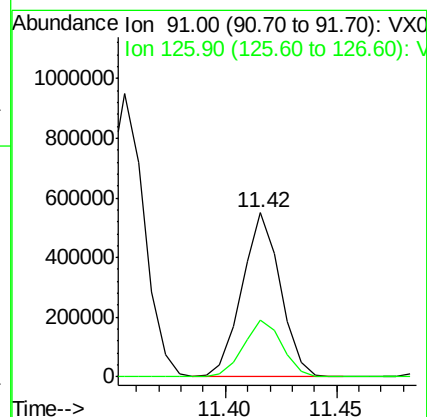
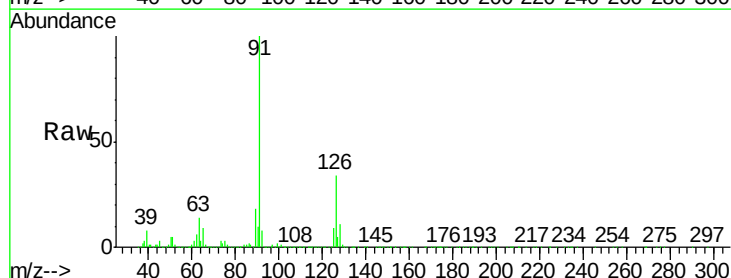
Acq: 26 Feb 2020 18:23

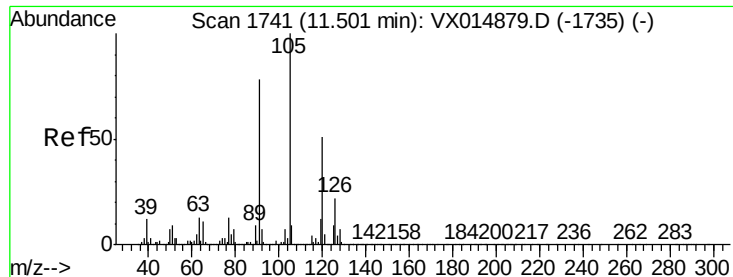
Tgt Ion: 91 Resp: 657628

Ion Ratio Lower Upper

91 100

126 35.1 18.0 54.0





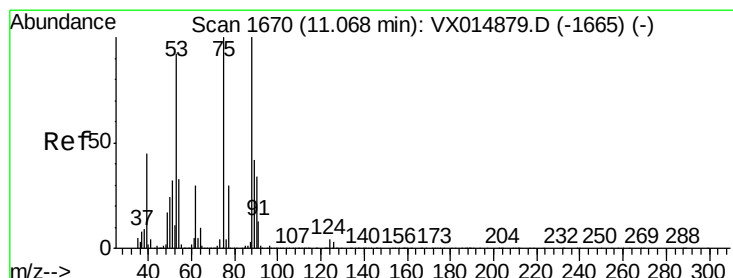
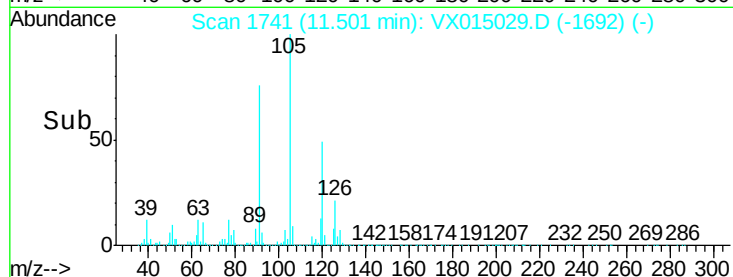
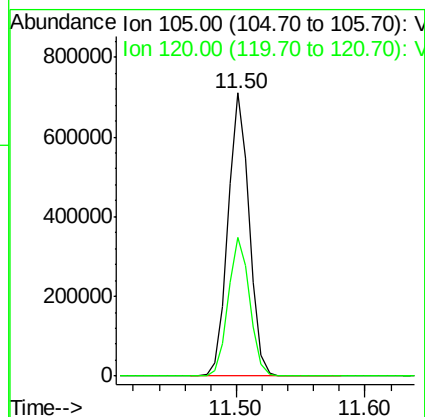
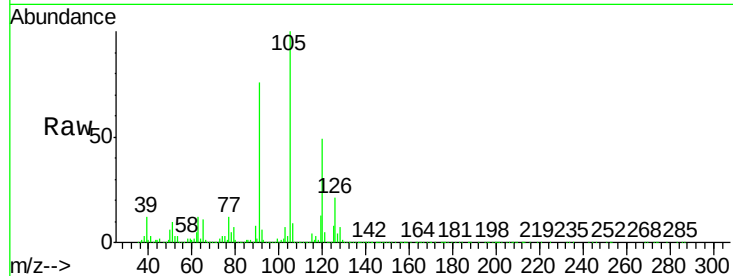
#80
1,3,5-Trimethylbenzene
Concen: 50.539 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.6	76.6

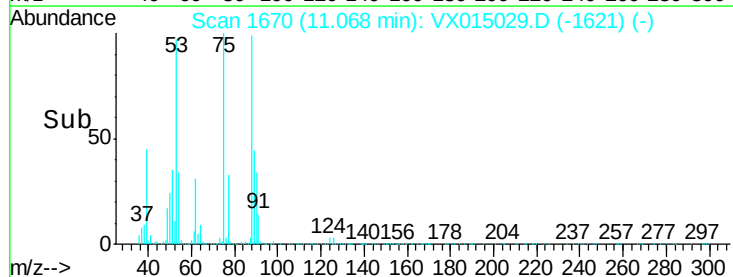
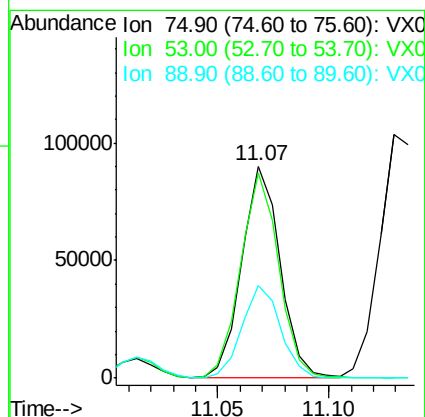
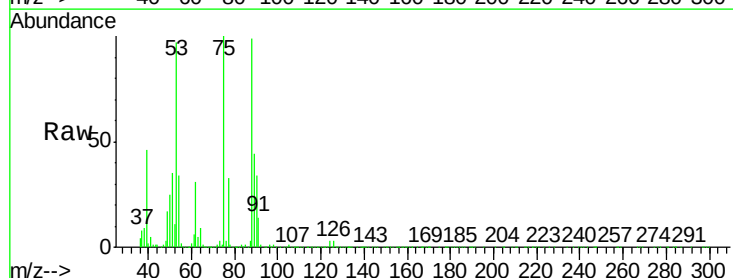
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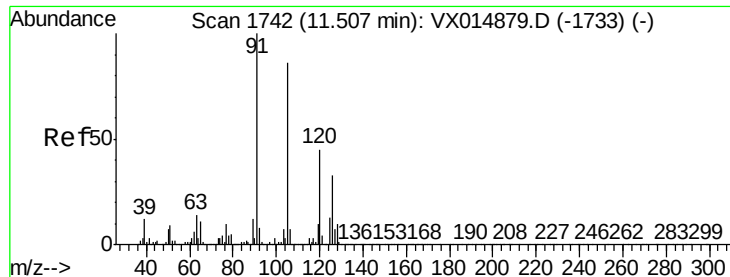
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#81
trans-1,4-Dichloro-2-butene
Concen: 49.347 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.3	76.2	114.2
89	44.3	35.8	53.6





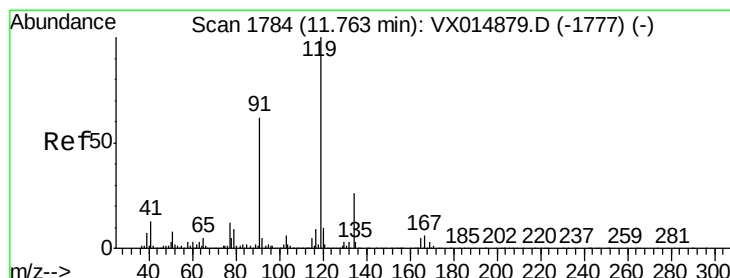
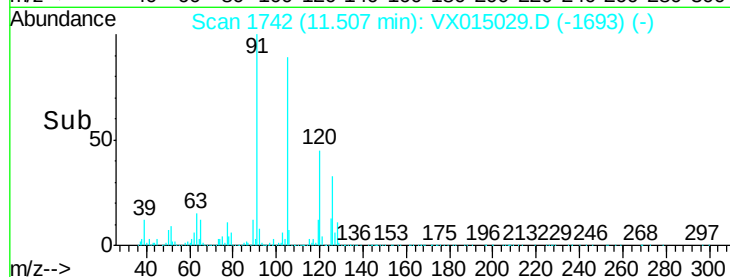
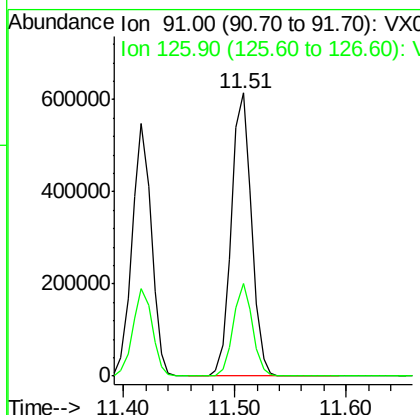
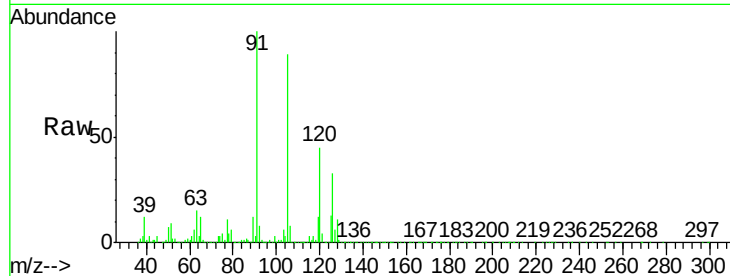
#82
4-Chlorotoluene
Concen: 48.986 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion: 91 Resp: 768122
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0

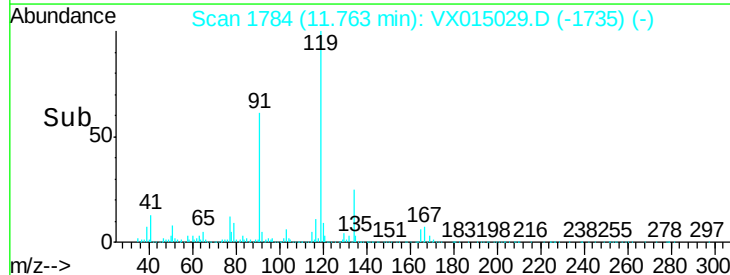
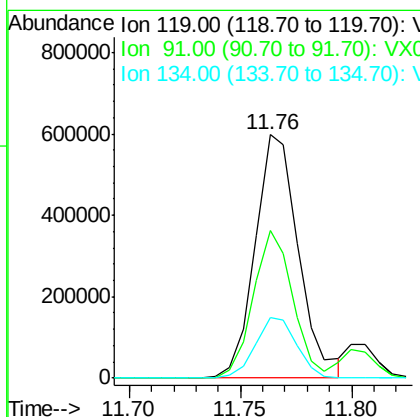
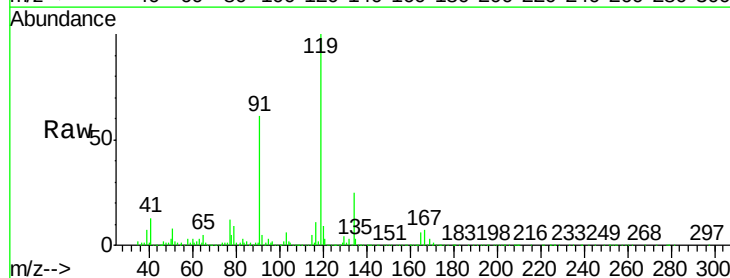
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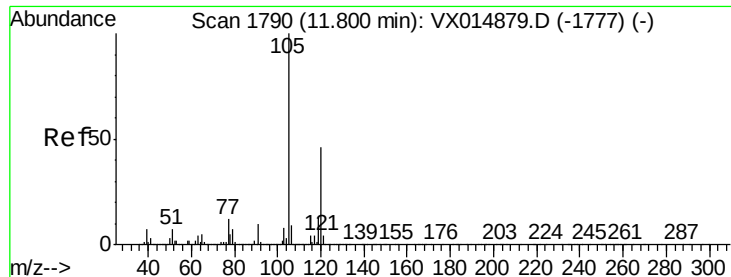
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#83
tert-Butylbenzene
Concen: 52.662 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion: 119 Resp: 811424
Ion Ratio Lower Upper
119 100
91 55.4 29.5 88.6
134 23.9 12.6 37.6





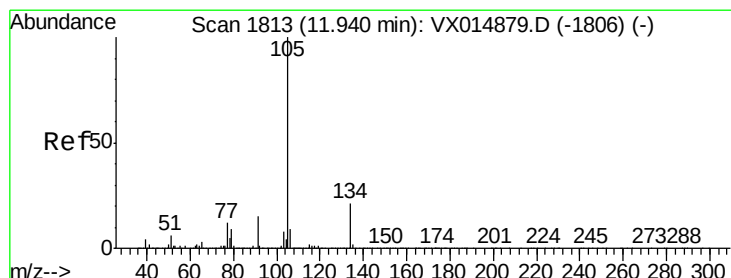
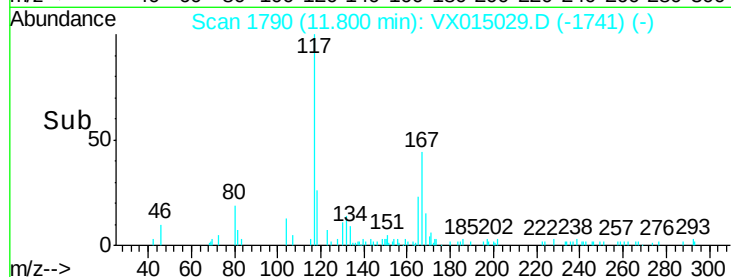
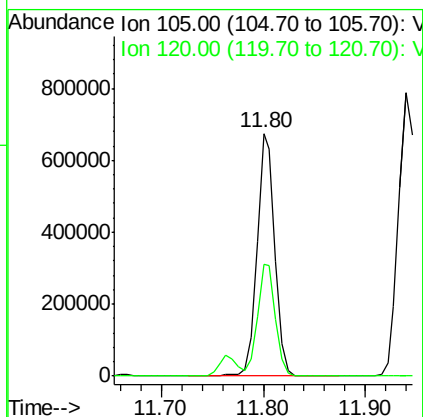
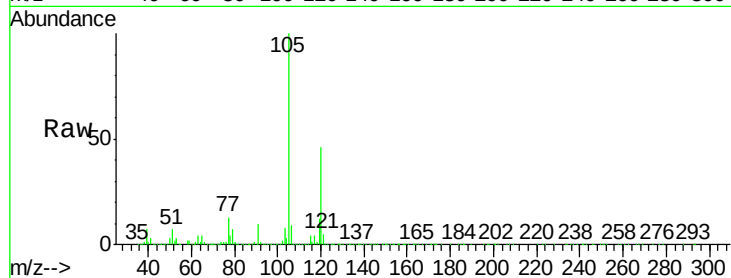
#84
1,2,4-Trimethylbenzene
Concen: 50.134 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.0	69.0

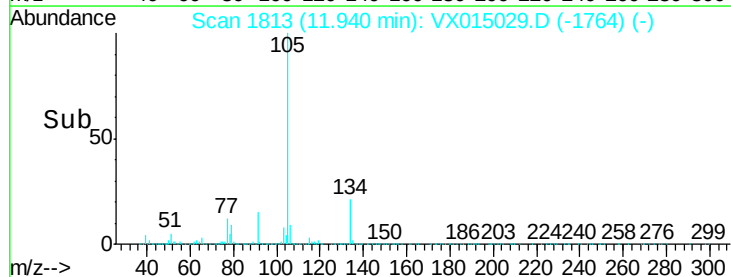
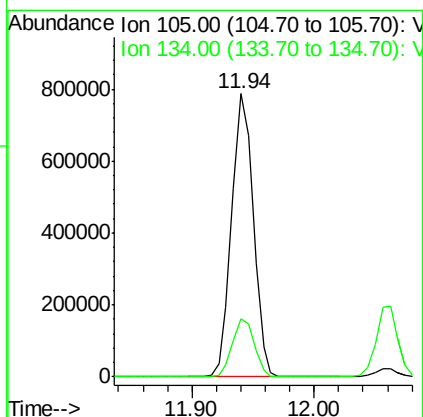
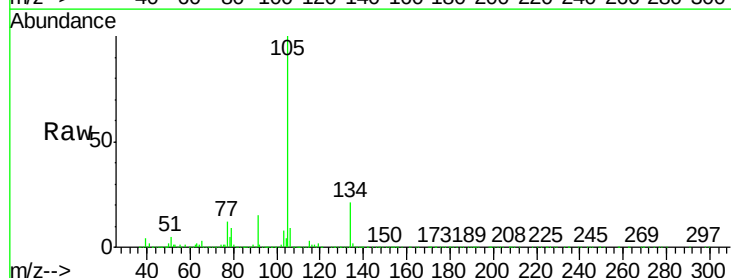
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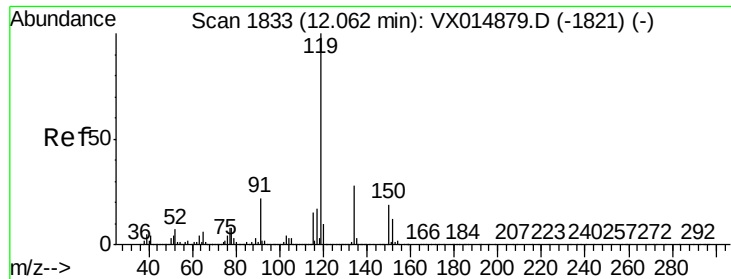
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#85
sec-Butylbenzene
Concen: 50.205 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.6	31.8





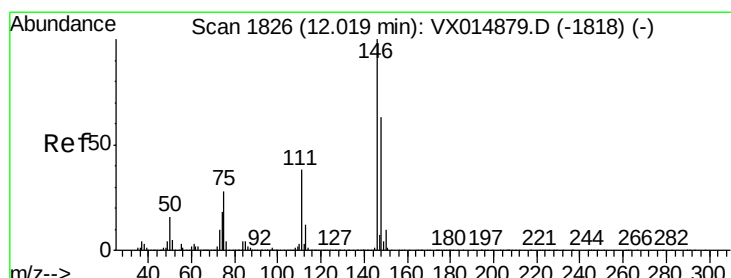
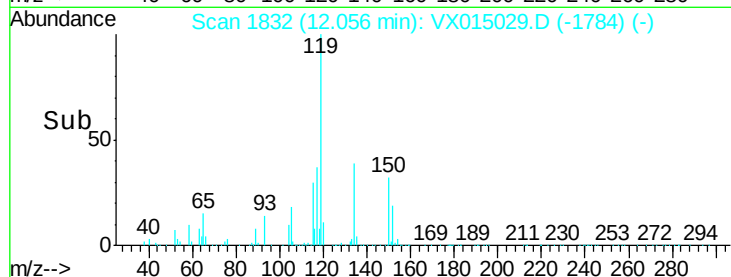
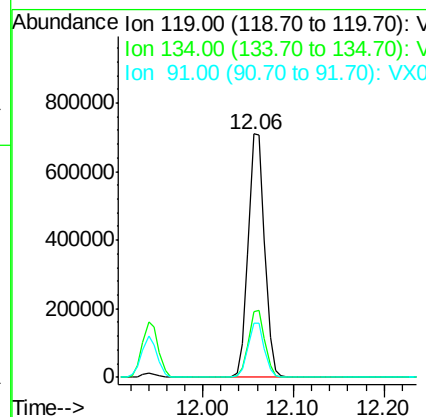
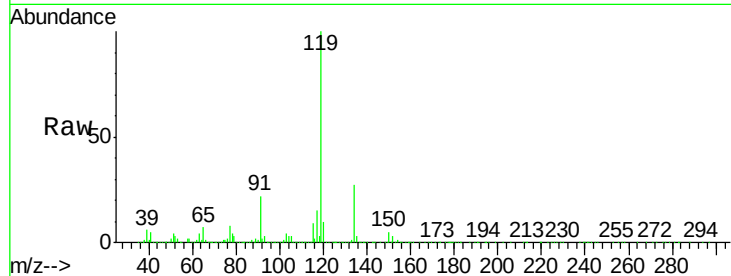
#86
p-Isopropyltoluene
Concen: 49.865 ug/l
RT: 12.06 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	893175		
134	27.1		13.5	40.5
91	22.1		11.4	34.1

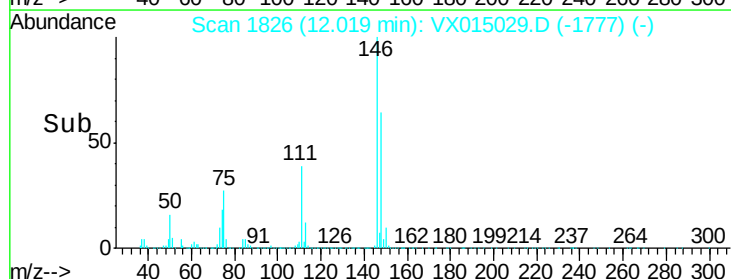
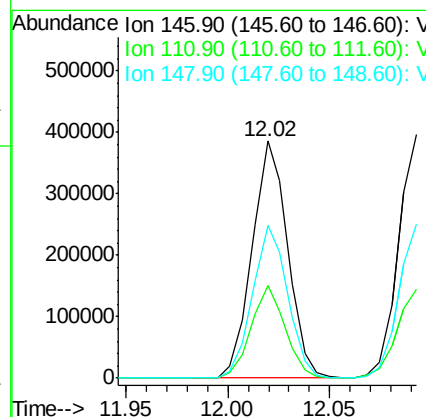
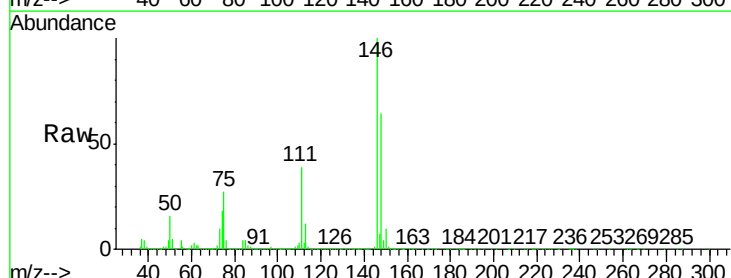
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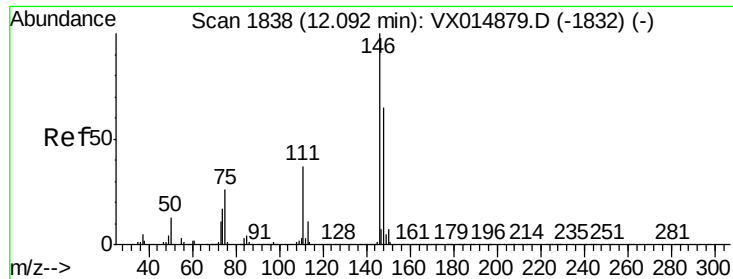
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#87
1,3-Dichlorobenzene
Concen: 47.926 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	467308		
111	37.5		18.6	56.0
148	63.9		31.8	95.4





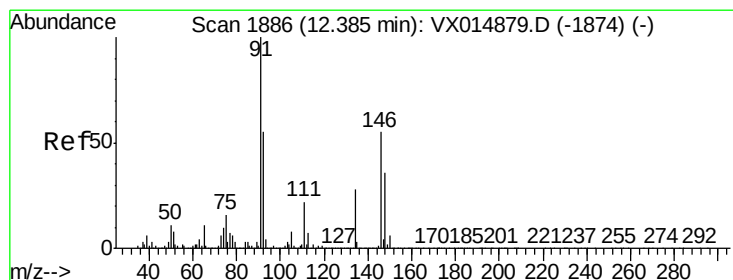
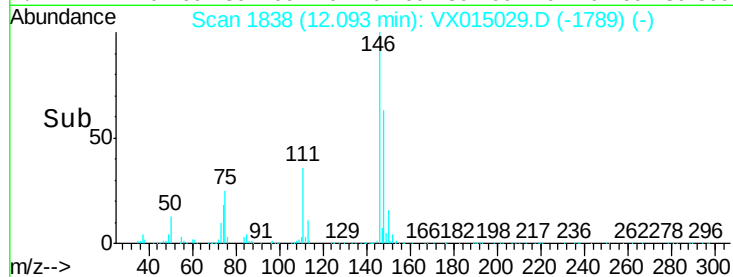
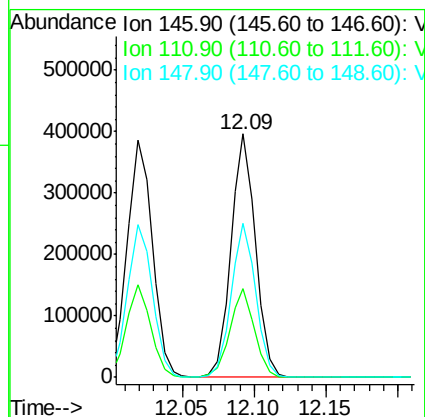
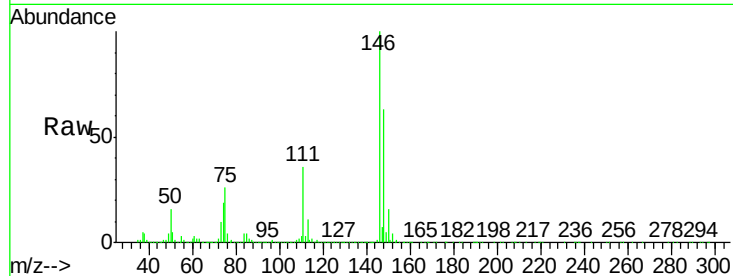
#88
 1,4-Dichlorobenzene
 Concen: 47.491 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	63.3	32.4	97.0

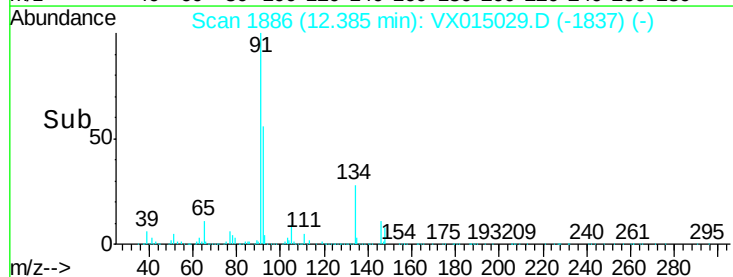
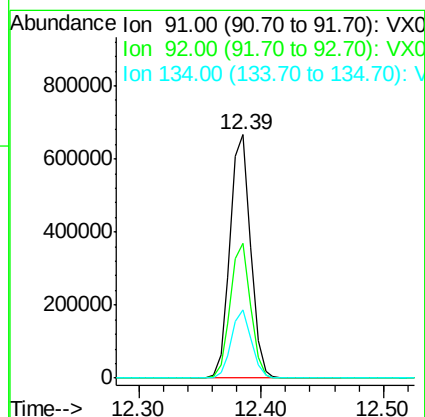
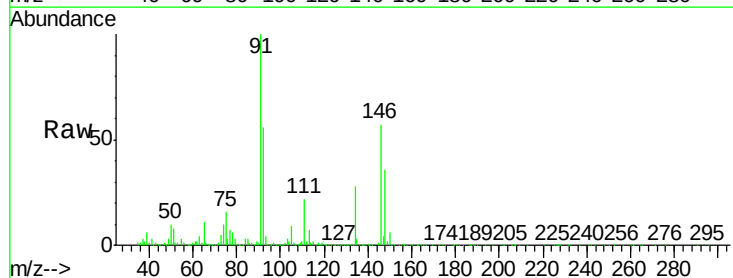
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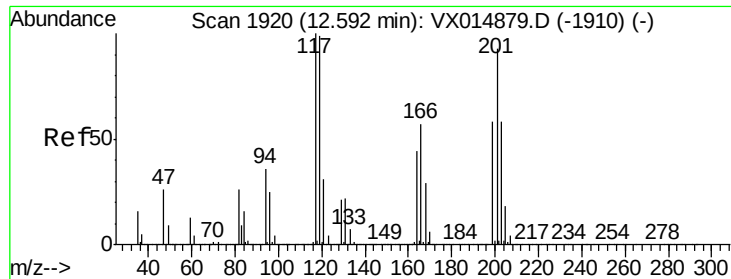
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 2/27/2020 10:48:18 AM



#89
 n-Butylbenzene
 Concen: 48.144 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.3	81.8
134	27.3	13.8	41.4





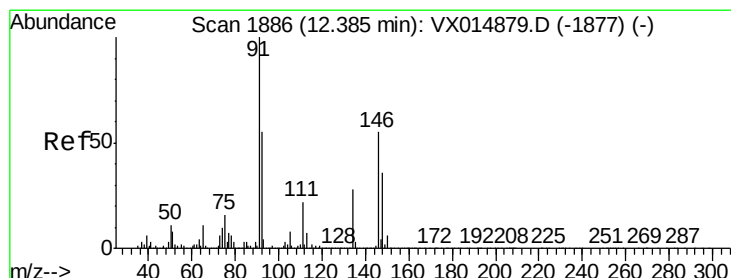
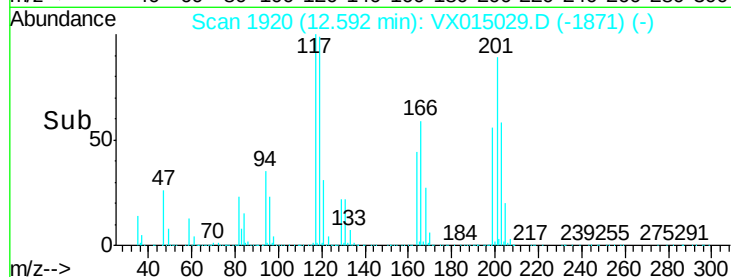
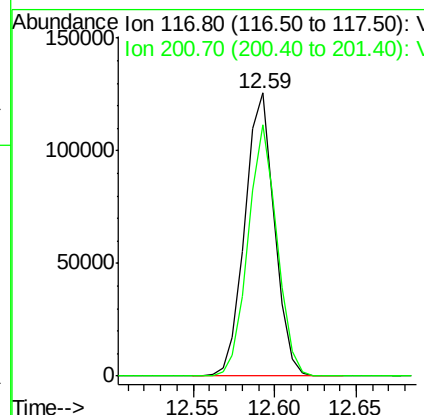
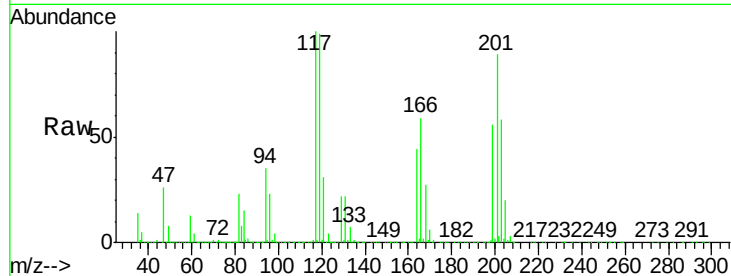
#90
Hexachloroethane
Concen: 50.643 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	158414		
201	87.1	44.8	134.3	

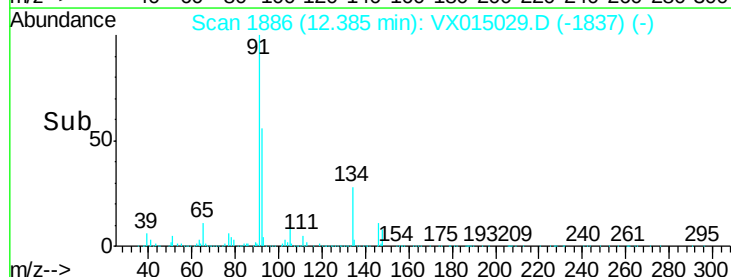
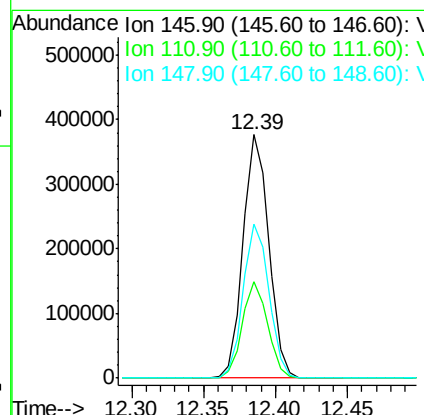
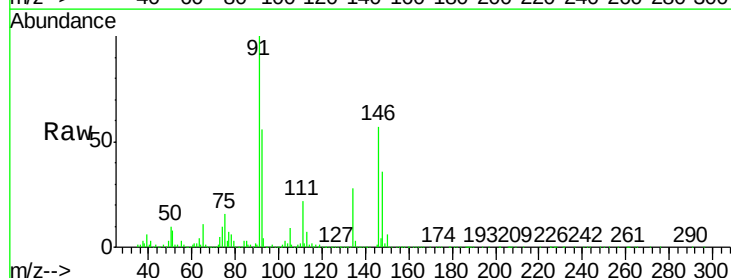
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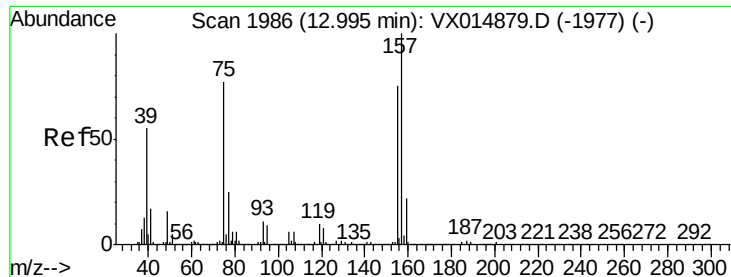
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#91
1,2-Dichlorobenzene
Concen: 49.049 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015029.D
Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	469016		
111	38.9	19.8	59.3	
148	63.5	32.4	97.2	





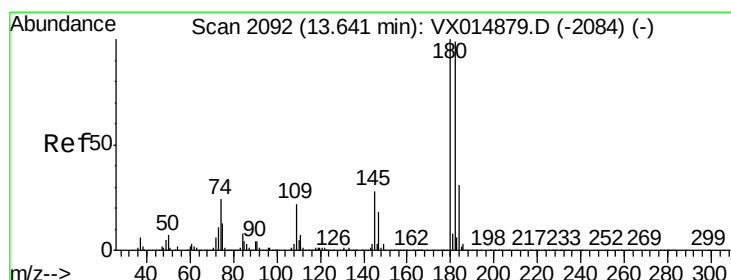
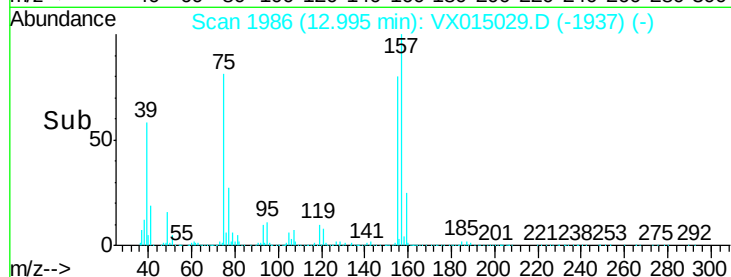
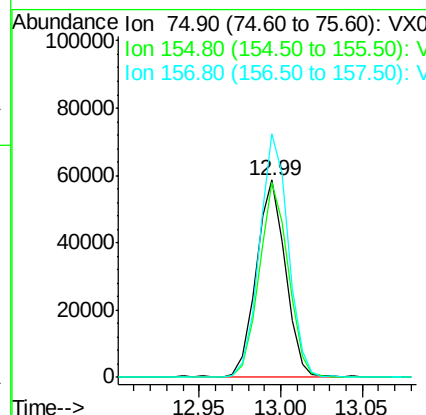
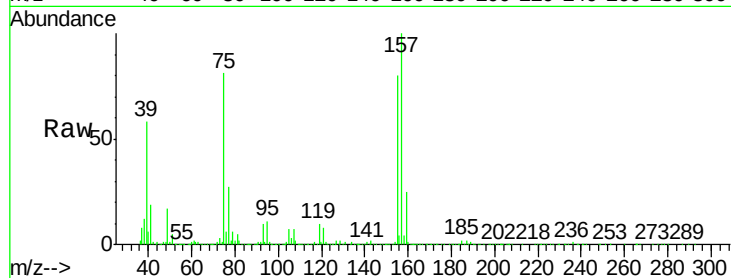
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.201 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	97.4	48.6	145.9
157	121.6	62.0	186.0

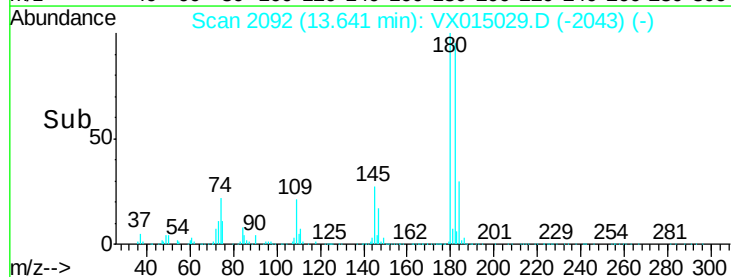
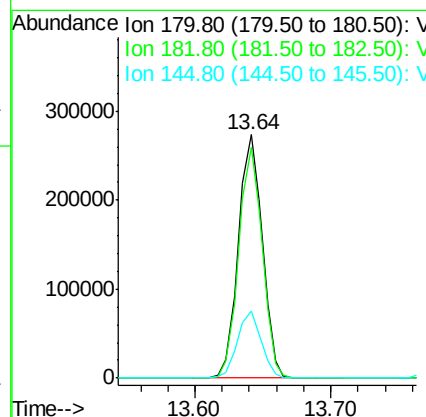
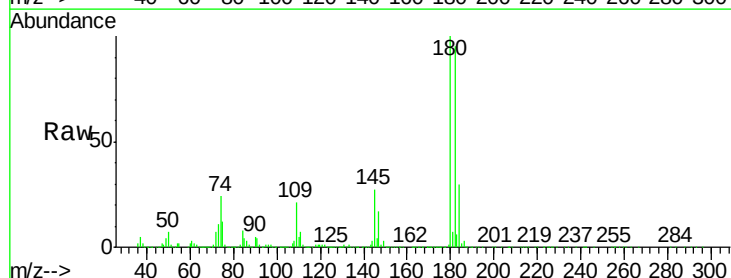
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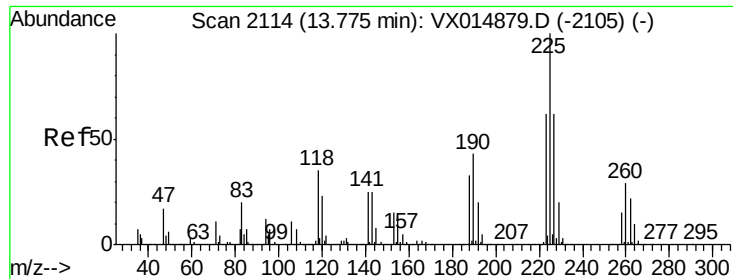
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 2/27/2020 10:48:18 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 47.394 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.4	145.3
145	27.3	14.1	42.4





#94

Hexachlorobutadiene

Concen: 46.465 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Instrument :

MSVOA_X

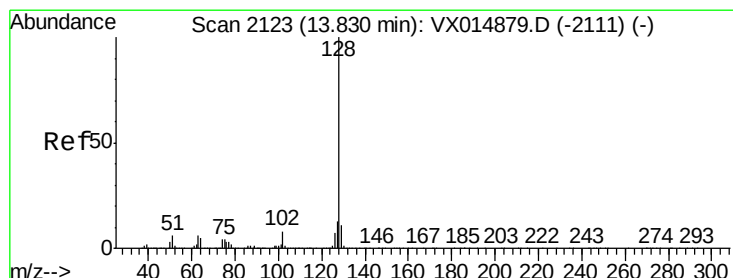
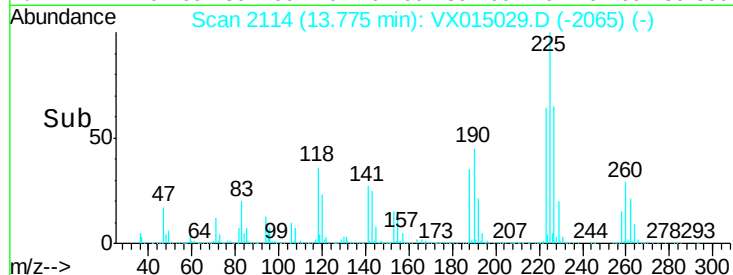
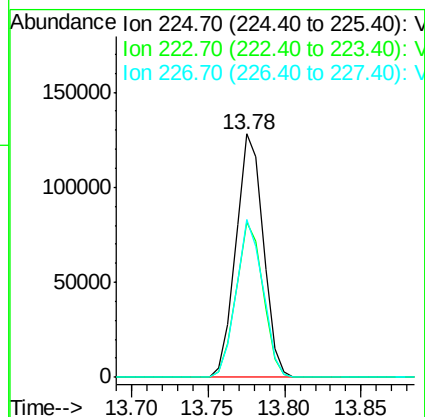
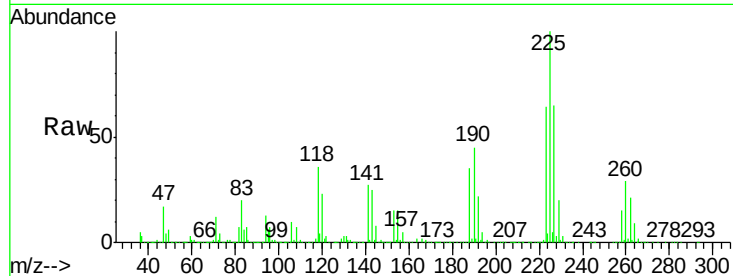
ClientSampleId :

GR-OF-20200225MS

Tot Ion:	225	Resp:	158620
Ion Ratio		Lower	Upper
225	100		
223	63.1	31.1	93.2
227	63.3	30.9	92.5

Manual Integrations
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#95

Naphthalene

Concen: 53.138 ug/l

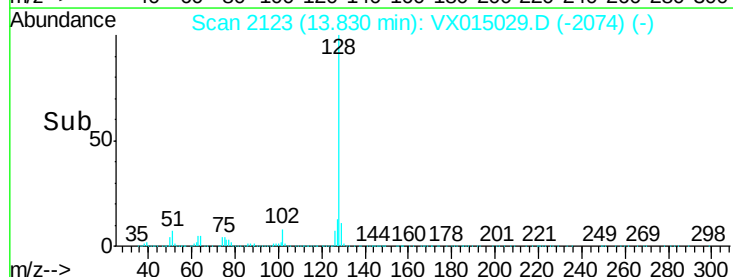
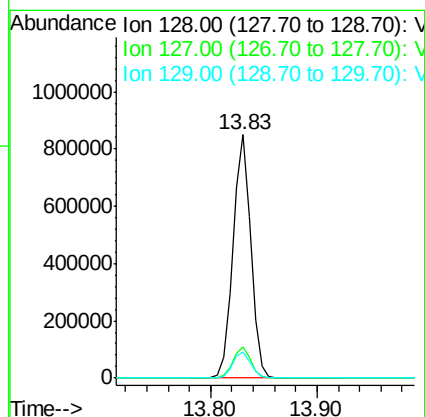
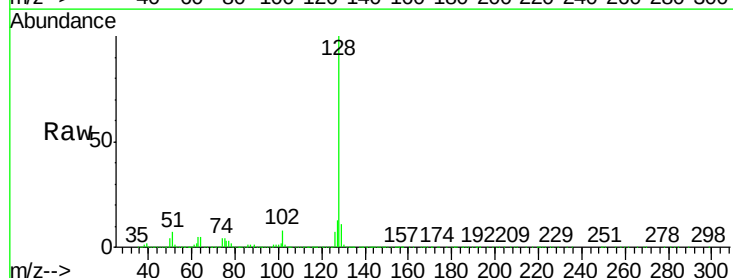
RT: 13.83 min Scan# 2123

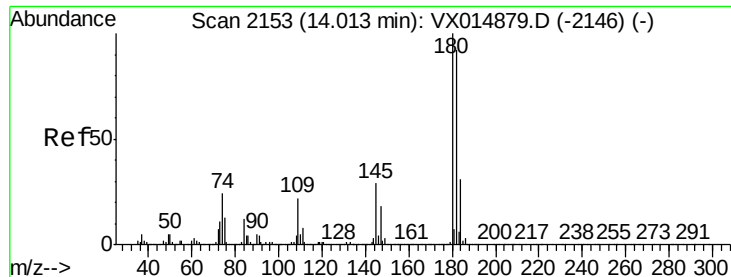
Delta R.T. 0.00 min

Lab File: VX015029.D

Acq: 26 Feb 2020 18:23

Tgt Ion:	128	Resp:	997174
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.6	13.0





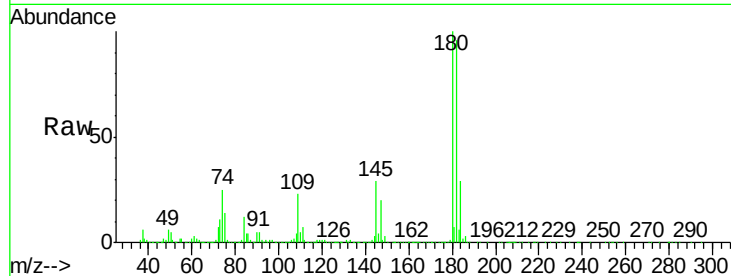
#96
 1,2,3-Trichlorobenzene
 Concen: 49.341 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX015029.D
 Acq: 26 Feb 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MS

Tot Ion:	180	Resp:	336451
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.5	142.6
145	29.4	14.5	43.5

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:48:18 AM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

