

Data File : VF062474.D
Acq On : 11 May 2019 22:43
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/12/2019 12:05:10 PM

Quant Time: May 12 10:22:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	291402	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	377244	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	336619	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	211242	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	143711	52.19	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	4.32	113	165587	55.10	ug/l	0.02
Spiked Amount	50.000		Recovery	=	110.20%	
50) Toluene-d8	7.72	98	379701	52.19	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	11.50	95	166209	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.01	85	138938	41.197	ug/l	100
3) Chloromethane	1.15	50	90303m	40.599	ug/l	
4) Vinyl Chloride	1.20	62	92381	41.640	ug/l	98
5) Bromomethane	1.39	94	83864	50.102	ug/l	99
6) Chloroethane	1.44	64	54415	48.785	ug/l	95
7) Trichlorofluoromethane	1.55	101	229674	49.895	ug/l	100
8) Diethyl Ether	1.72	74	33469	48.053	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	1.91	101	130077	49.496	ug/l	97
10) Methyl Iodide	1.97	142	216808	50.062	ug/l	99
11) Tert butyl alcohol	2.69	59	33597	215.862	ug/l	96
12) 1,1-Dichloroethene	1.87	96	100919	45.171	ug/l	97
13) Acrolein	2.10	56	28385	299.202	ug/l	90
14) Allyl chloride	2.20	41	126177m	63.934	ug/l	
15) Acrylonitrile	3.10	53	68114	231.032	ug/l	97
16) Acetone	2.36	43	121170	217.506	ug/l	99
17) Carbon Disulfide	1.91	76	200590	41.177	ug/l	99
18) Methyl Acetate	2.47	43	49164	48.285	ug/l	94
19) Methyl tert-butyl Ether	2.56	73	230826	50.051	ug/l	98
20) Methylene Chloride	2.33	84	97181	48.216	ug/l	# 89
21) trans-1,2-Dichloroethene	2.43	96	92086	43.261	ug/l	96
22) Diisopropyl ether	2.95	45	295069	47.837	ug/l	99
23) Vinyl Acetate	3.35	43	662317	240.922	ug/l	98
24) 1,1-Dichloroethane	3.02	63	194931	52.290	ug/l	97
25) 2-Butanone	4.54	43	159731	228.225	ug/l	97
26) 2,2-Dichloropropane	3.79	77	114106	54.810	ug/l	96
27) cis-1,2-Dichloroethene	3.66	96	131297	49.346	ug/l	97
28) Bromochloromethane	3.92	49	91215	53.951	ug/l	95
29) Tetrahydrofuran	4.28	42	66619	207.107	ug/l	99
30) Chloroform	4.06	83	263110	52.242	ug/l	100
31) Cyclohexane	3.91	56	124493	41.839	ug/l	95
32) 1,1,1-Trichloroethane	4.30	97	228434	52.921	ug/l	99
36) 1,1-Dichloropropene	4.48	75	161393	49.803	ug/l	99
37) Ethyl Acetate	4.31	43	63786	50.611	ug/l	# 100
38) Carbon Tetrachloride	4.20	117	208791m	62.829	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.65	83	145627	44.807	ug/l	95
40) Benzene	4.83	78	342658	48.017	ug/l	95
41) Methacrylonitrile	4.94	41	33988	43.740	ug/l	93
42) 1,2-Dichloroethane	5.14	62	152668	51.152	ug/l	98
43) Isopropyl Acetate	7.12	43	70303	47.695	ug/l #	97
44) Trichloroethene	5.69	130	133897	51.078	ug/l	95
45) 1,2-Dichloropropane	6.42	63	82507	51.045	ug/l	94
46) Dibromomethane	6.27	93	70311	52.465	ug/l	96
47) Bromodichloromethane	6.57	83	173466	51.771	ug/l	99
48) Methyl methacrylate	6.88	41	50764	48.733	ug/l	98
49) 1,4-Dioxane	6.88	88	8921	830.483	ug/l #	88
51) 4-Methyl-2-Pentanone	8.41	43	290388	259.989	ug/l	99
52) Toluene	7.79	92	221902	50.405	ug/l	96
53) t-1,3-Dichloropropene	8.43	75	130392	51.453	ug/l	96
54) cis-1,3-Dichloropropene	7.46	75	146029	49.513	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	75816	54.250	ug/l	92
56) Ethyl methacrylate	8.77	69	72765	49.324	ug/l	99
57) 1,3-Dichloropropane	9.00	76	108923	51.598	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.45	63	103924	234.316	ug/l	99
59) 2-Hexanone	9.62	43	189929	245.873	ug/l	96
60) Dibromochloromethane	8.86	129	126591	55.384	ug/l	98
61) 1,2-Dibromoethane	9.14	107	86733	52.804	ug/l	97
64) Tetrachloroethene	8.31	164	128134	46.888	ug/l	97
65) Chlorobenzene	9.94	112	278145	49.940	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.07	131	142657	50.774	ug/l	99
67) Ethyl Benzene	10.04	91	481304	49.350	ug/l	99
68) m/p-Xylenes	10.26	106	356293	99.014	ug/l	99
69) o-Xylene	10.83	106	201311	51.773	ug/l	96
70) Styrene	10.89	104	281464	48.299	ug/l	99
71) Bromoform	10.89	173	76422	49.647	ug/l #	100
73) Isopropylbenzene	11.22	105	605603	48.358	ug/l	99
74) N-amyl acetate	11.46	43	126430	47.025	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.77	83	95510	48.709	ug/l	96
76) 1,2,3-Trichloropropane	11.87	75	73441	49.092	ug/l #	100
77) Bromobenzene	11.58	156	163216	49.660	ug/l	98
78) n-propylbenzene	11.67	91	629056	47.181	ug/l	99
79) 2-Chlorotoluene	11.80	91	403514	48.671	ug/l	100
80) 1,3,5-Trimethylbenzene	11.90	105	526043	47.924	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	22271m	39.605	ug/l	
82) 4-Chlorotoluene	11.98	91	396010	48.362	ug/l	100
83) tert-Butylbenzene	12.20	119	549753	47.657	ug/l	100
84) 1,2,4-Trimethylbenzene	12.27	105	517555	48.182	ug/l	97
85) sec-Butylbenzene	12.37	105	686917	48.922	ug/l	98
86) p-Isopropyltoluene	12.52	119	621998	47.679	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	294786	49.110	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	277754	47.942	ug/l	98
89) n-Butylbenzene	12.90	91	563107	48.517	ug/l	99
90) Hexachloroethane	12.97	117	154621	47.469	ug/l	99
91) 1,2-Dichlorobenzene	13.00	146	282887	48.690	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.69	75	21646	49.275	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	255233	48.977	ug/l	100
94) Hexachlorobutadiene	14.23	225	191990	49.429	ug/l	99
95) Naphthalene	14.49	128	390508	49.843	ug/l	99
96) 1,2,3-Trichlorobenzene	14.64	180	251936	49.901	ug/l	99

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

Data File : VF062474.D

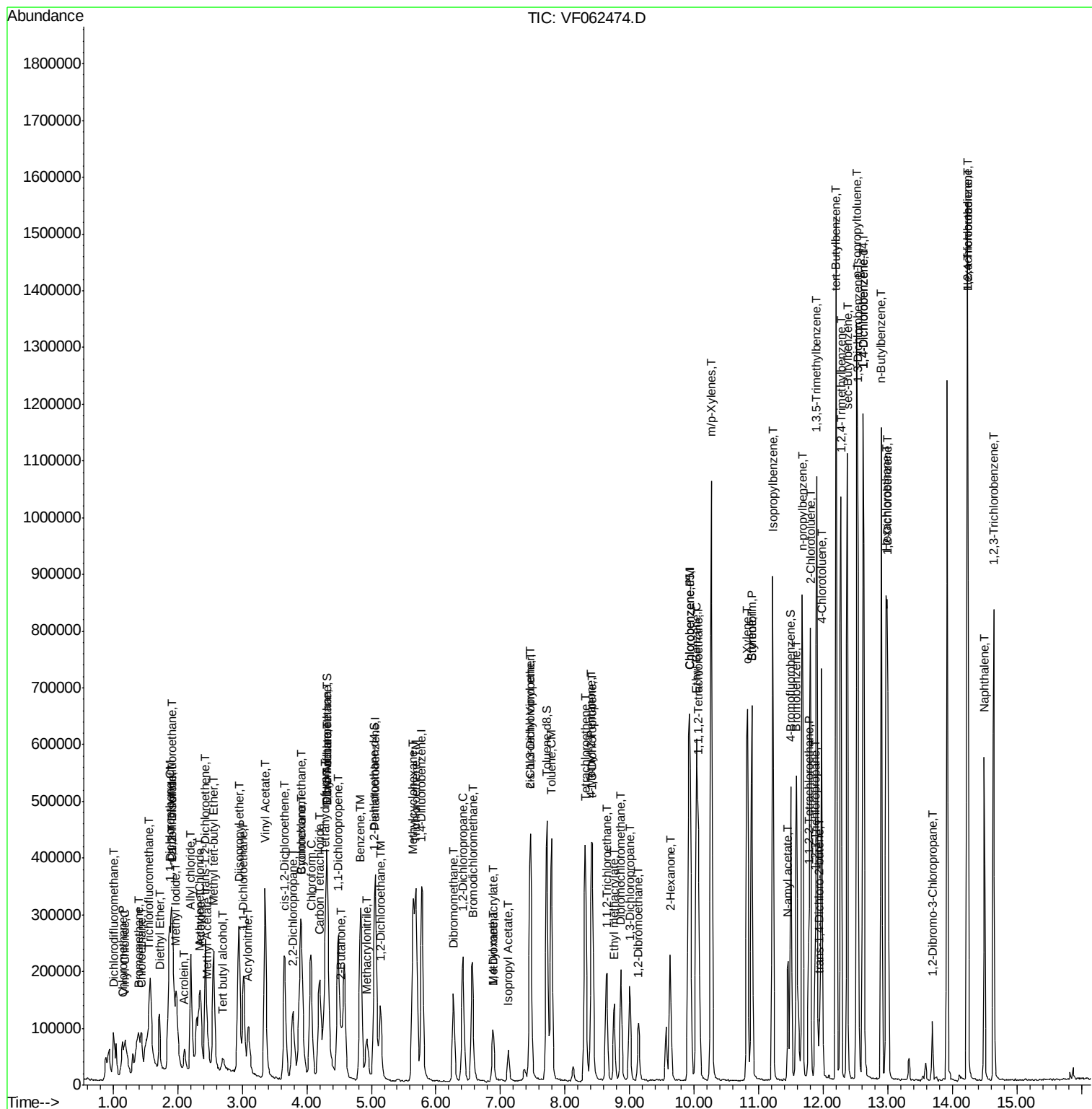
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Acq On       : 11 May 2019   22:43
Operator     : FY/SY
Sample       : VSTDCCC050
Misc         : 5.00g/5mL/MSV0A_F/SOIL
ALS Vial     : 27      Sample Multiplier: 1
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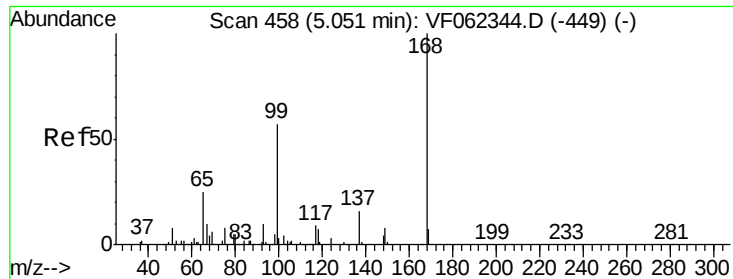
Instrument :
MSVOA_F
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Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.02 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 291402

Ion Ratio Lower Upper

168 100

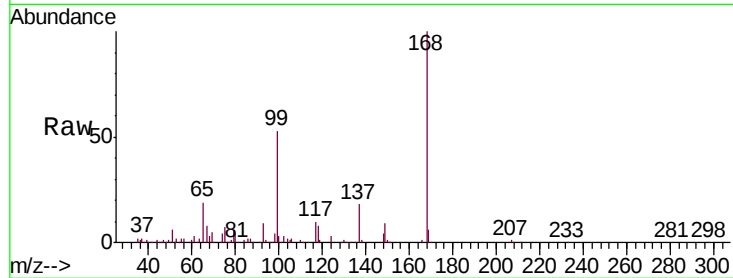
99 53.0 45.9 68.9

Manual Integrations

APPROVED

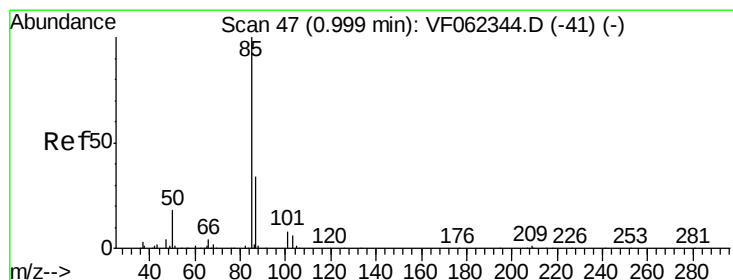
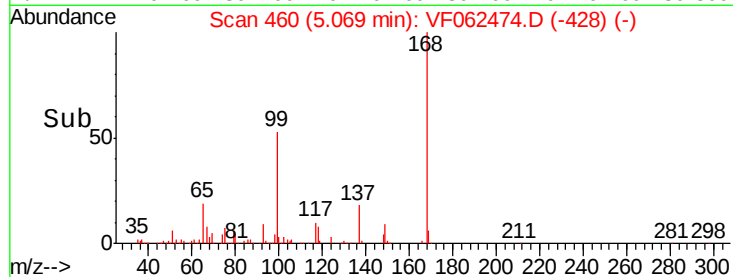
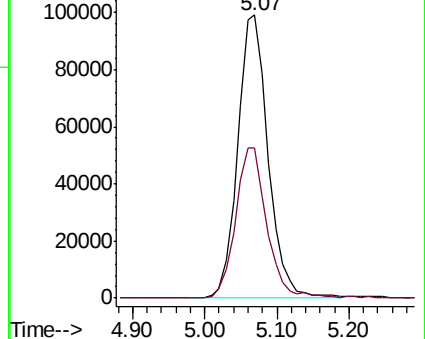
MMDadoda

5/12/2019 12:05:10 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#2

Dichlorodifluoromethane

Concen: 41.197 ug/l

RT: 1.01 min Scan# 48

Delta R.T. 0.01 min

Lab File: VF062474.D

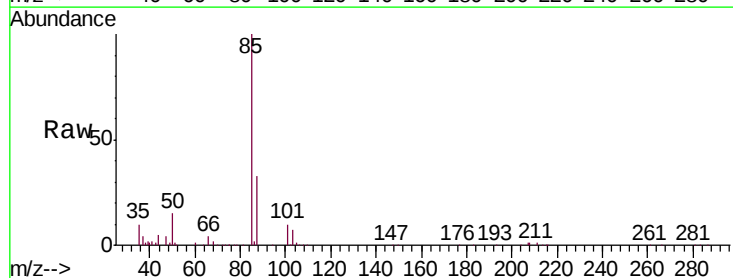
Acq: 11 May 2019 22:43

Tgt Ion: 85 Resp: 138938

Ion Ratio Lower Upper

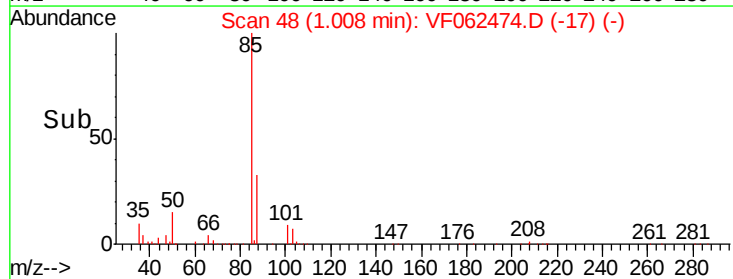
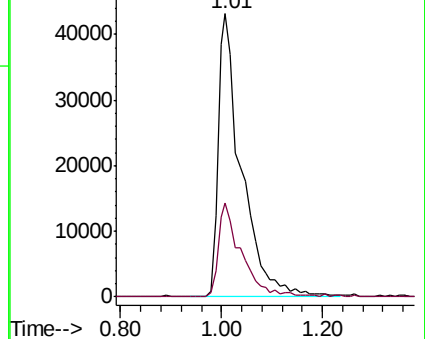
85 100

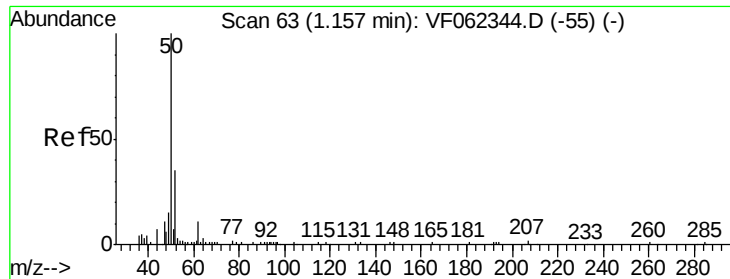
87 33.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0





#3

Chloromethane

Concen: 40.599 ug/l m

RT: 1.15 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 90303

Ion Ratio Lower Upper

50 100

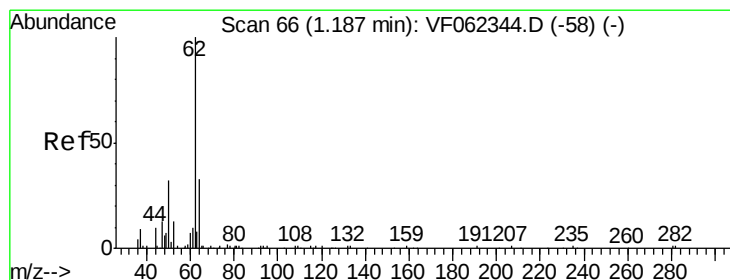
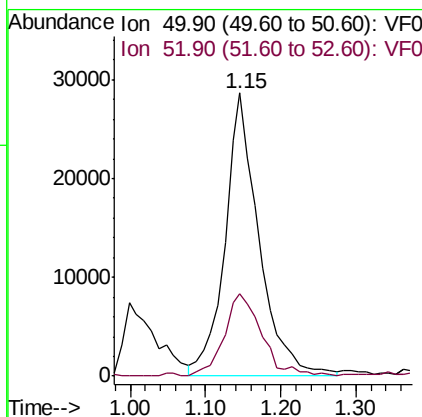
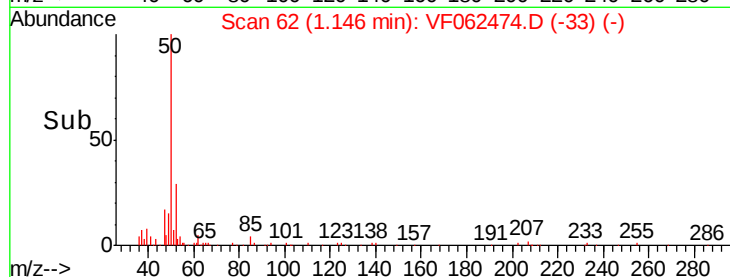
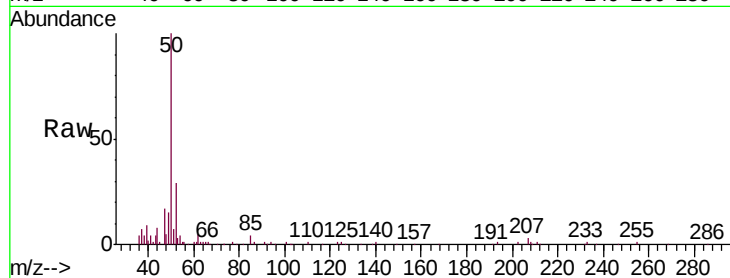
52 28.9 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 41.640 ug/l

RT: 1.20 min Scan# 67

Delta R.T. 0.01 min

Lab File: VF062474.D

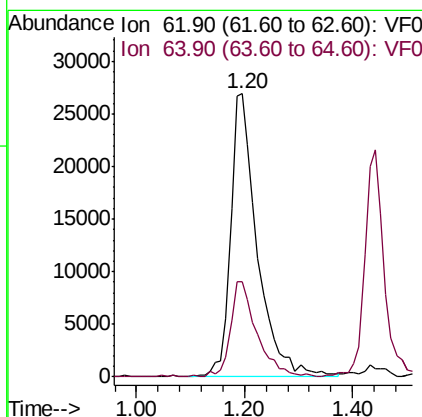
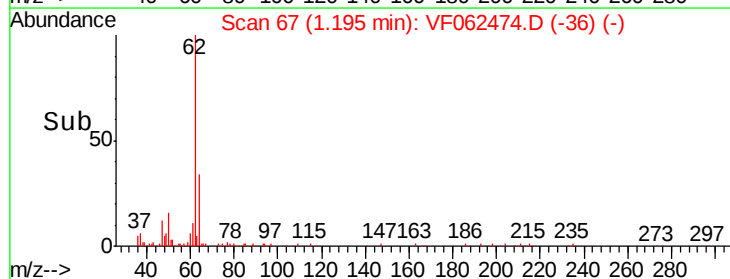
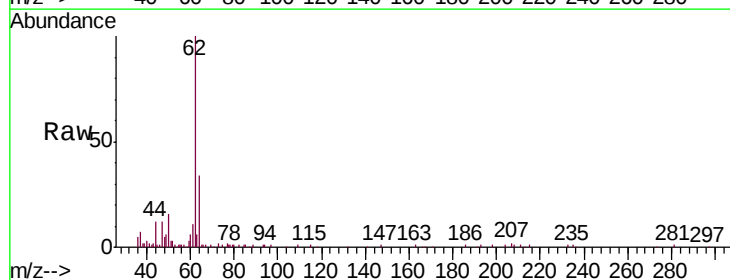
Acq: 11 May 2019 22:43

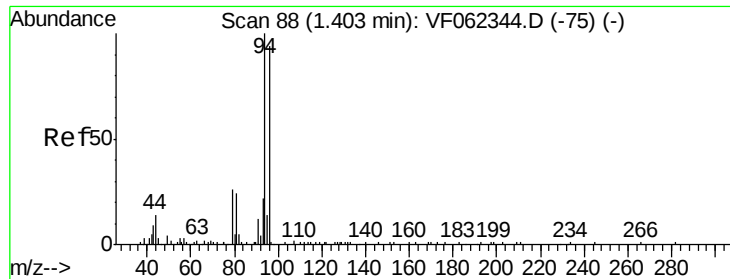
Tgt Ion: 62 Resp: 92381

Ion Ratio Lower Upper

62 100

64 33.7 26.1 39.1





#5

Bromomethane

Concen: 50.102 ug/l

RT: 1.39 min Scan# 87

Delta R.T. -0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 83864

Ion Ratio Lower Upper

94 100

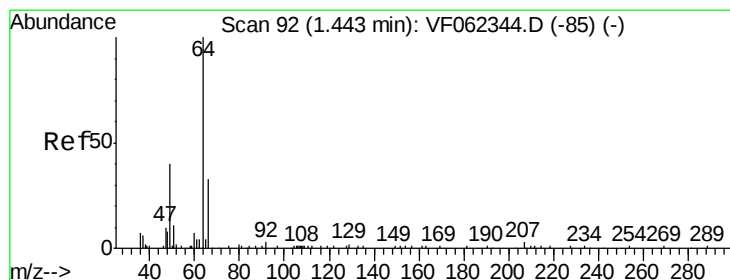
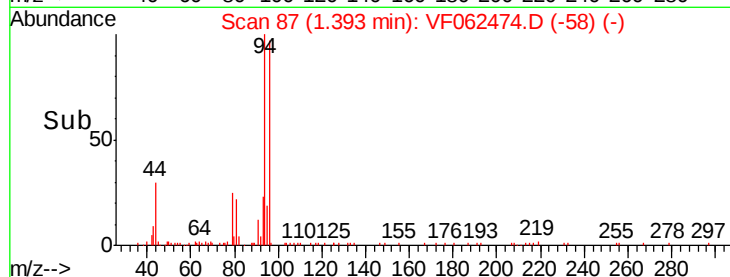
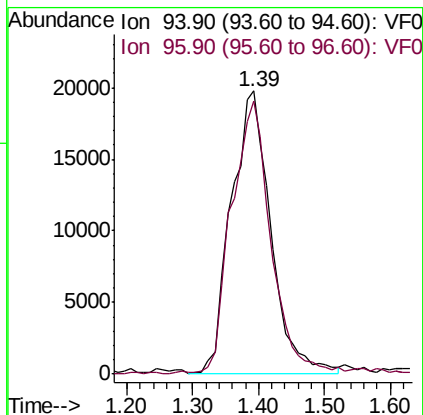
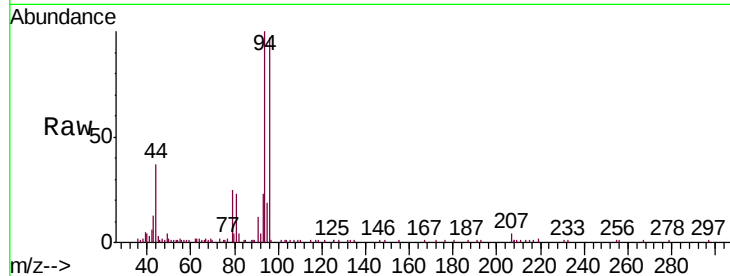
96 95.7 75.4 113.2

Manual Integrations

APPROVED

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#6

Chloroethane

Concen: 48.785 ug/l

RT: 1.44 min Scan# 92

Delta R.T. -0.00 min

Lab File: VF062474.D

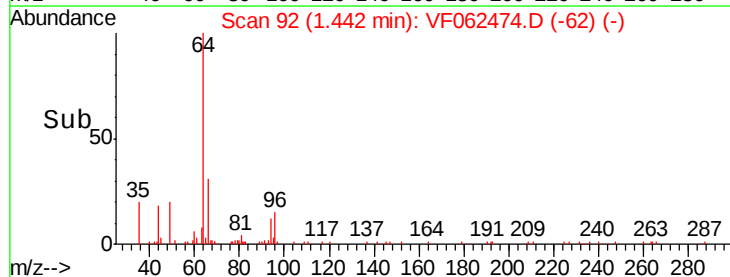
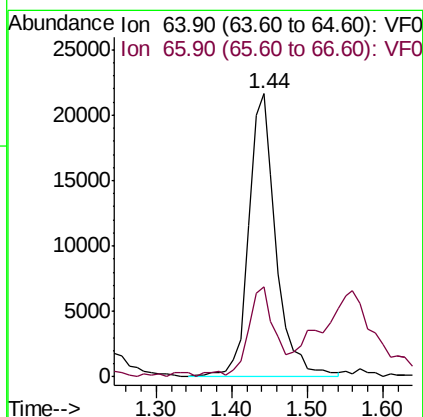
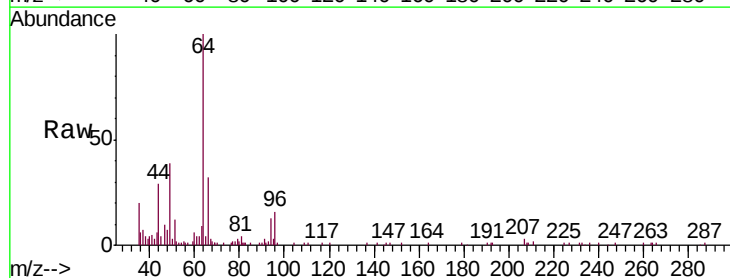
Acq: 11 May 2019 22:43

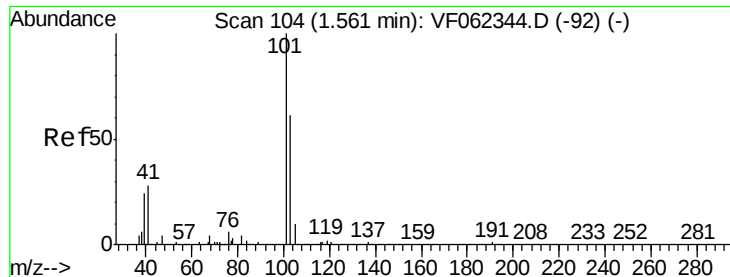
Tgt Ion: 64 Resp: 54415

Ion Ratio Lower Upper

64 100

66 30.2 26.6 39.8





#7

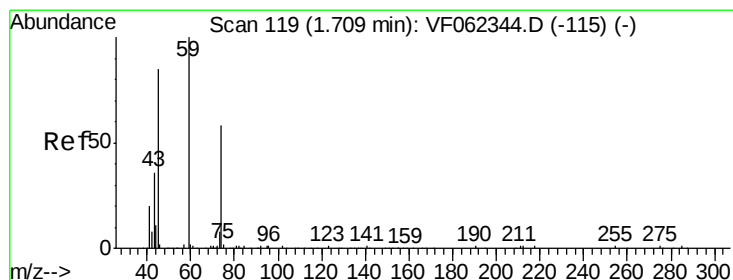
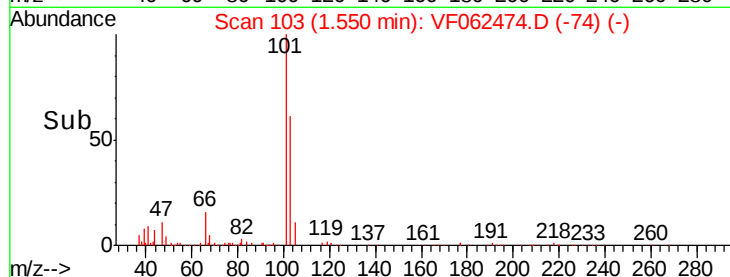
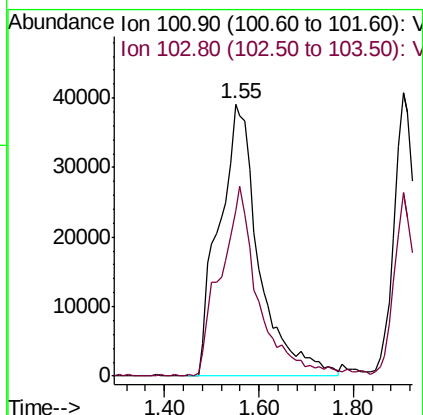
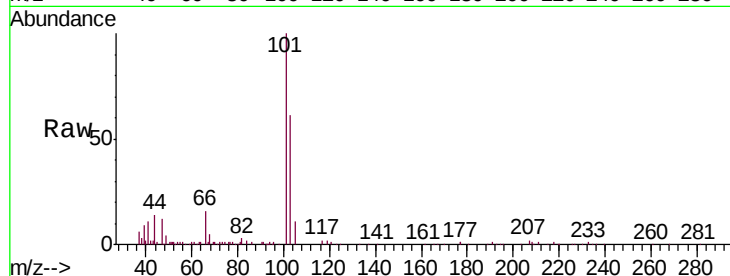
Trichlorofluoromethane
Concen: 49.895 ug/l
RT: 1.55 min Scan# 103
Delta R.T. -0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 229674
Ion Ratio Lower Upper
101 100
103 60.5 48.5 72.7

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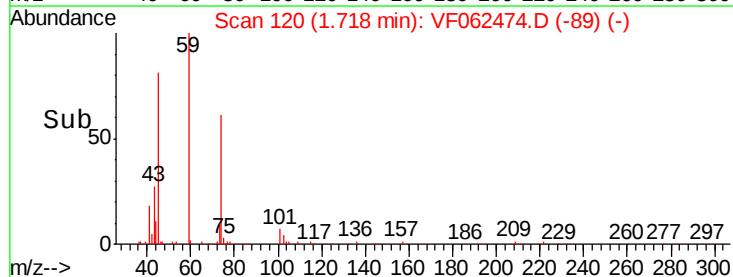
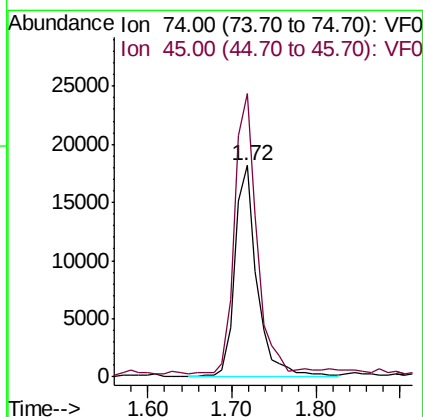
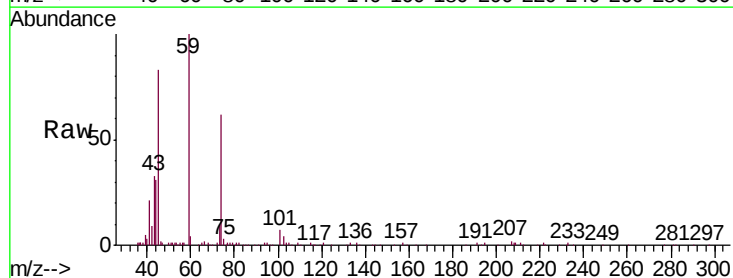
MMDadoda
5/12/2019 12:05:10 PM



#8

Diethyl Ether
Concen: 48.053 ug/l
RT: 1.72 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion: 74 Resp: 33469
Ion Ratio Lower Upper
74 100
45 133.0 73.9 221.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.496 ug/l

RT: 1.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

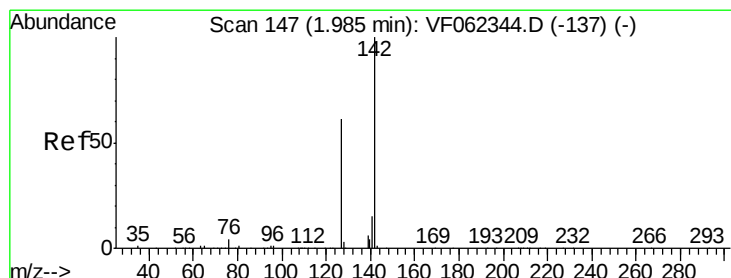
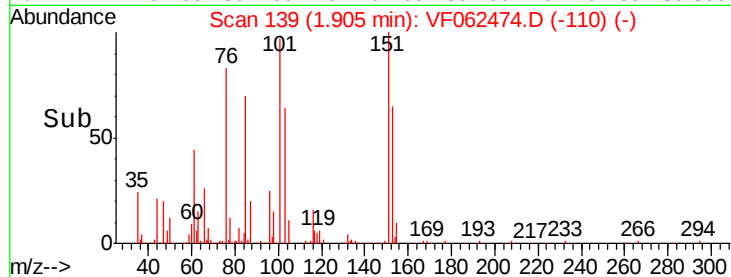
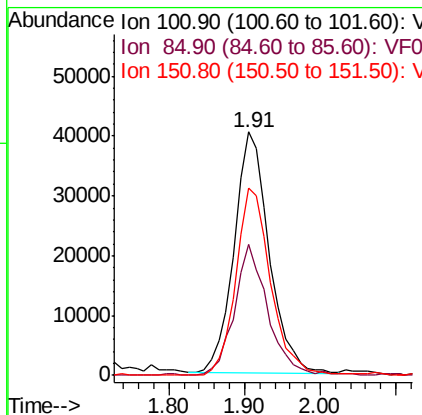
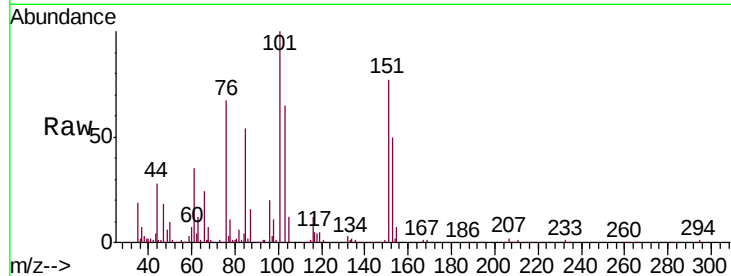
ClientSampleId :

VSTDCCC050

Tgt	Ion:101	Resp:	130077
Ion	Ratio	Lower	Upper
101	100		
85	51.9	39.5	59.3
151	76.6	59.9	89.9

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#10

Methyl Iodide

Concen: 50.062 ug/l

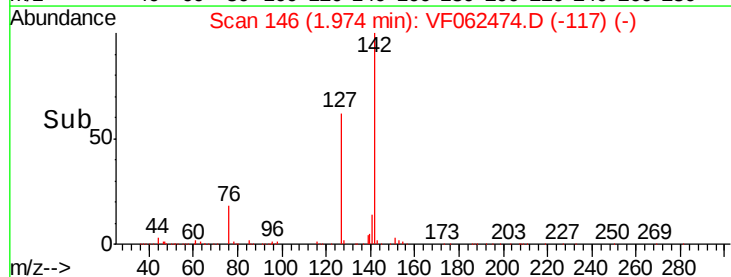
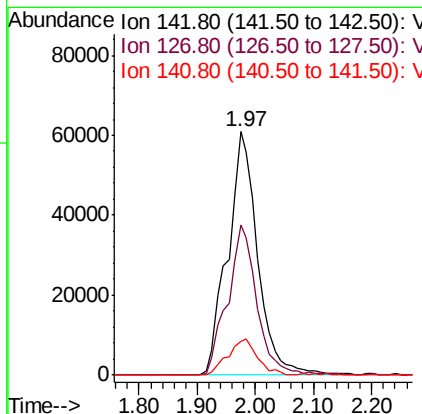
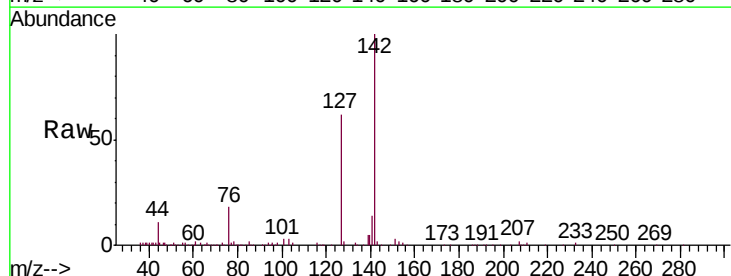
RT: 1.97 min Scan# 146

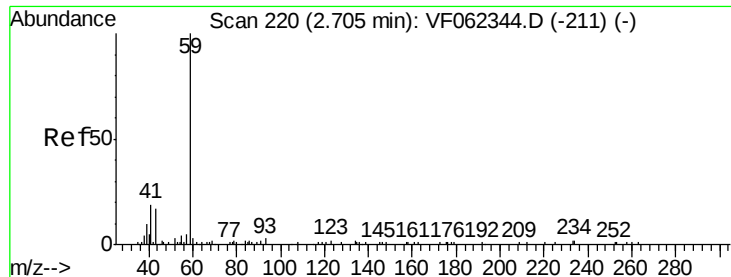
Delta R.T. -0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Tgt	Ion:142	Resp:	216808
Ion	Ratio	Lower	Upper
142	100		
127	60.3	48.4	72.6
141	14.7	12.2	18.4





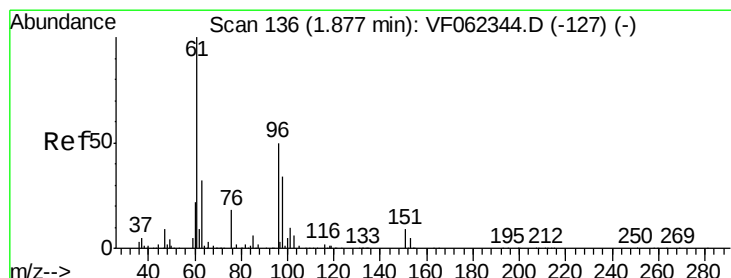
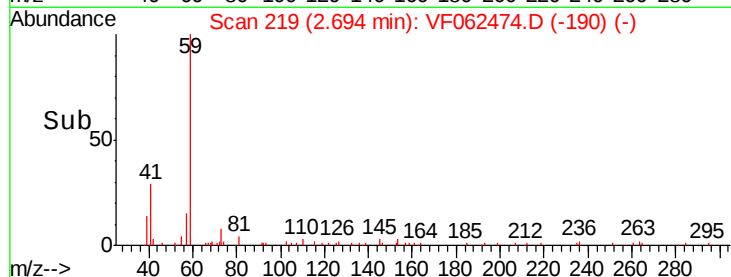
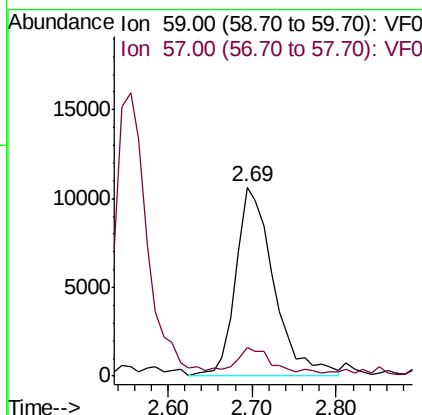
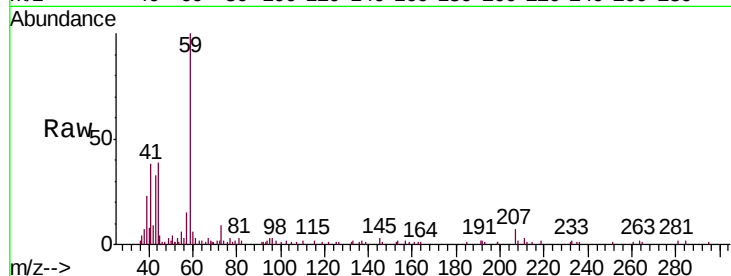
#11
Tert butyl alcohol
Concen: 215.862 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	9.3	13.9

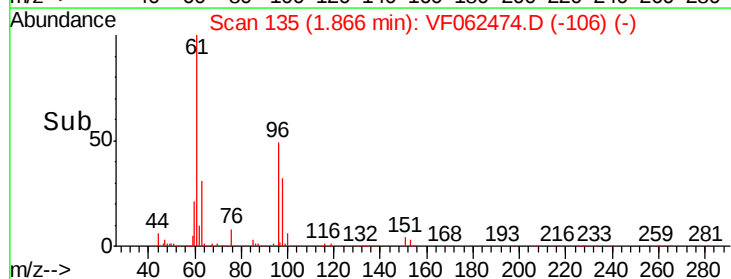
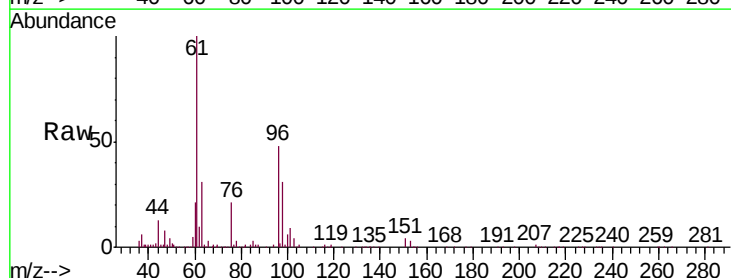
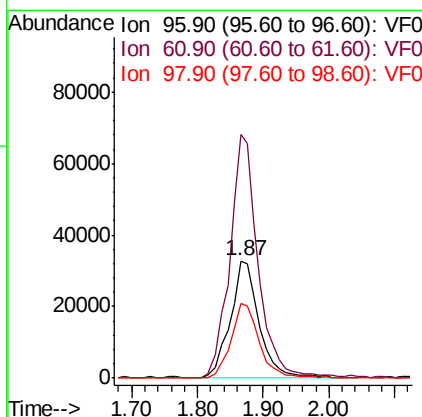
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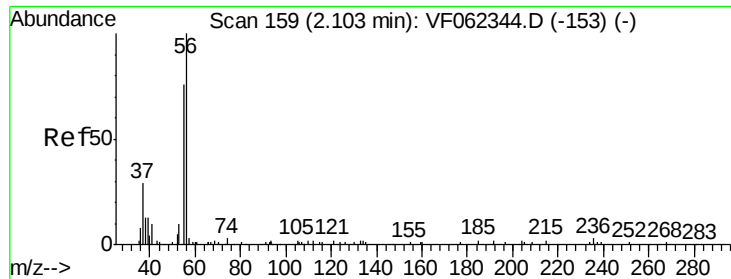
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.171 ug/l
RT: 1.87 min Scan# 135
Delta R.T. -0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	206.8	163.2	244.8
98	63.7	55.2	82.8





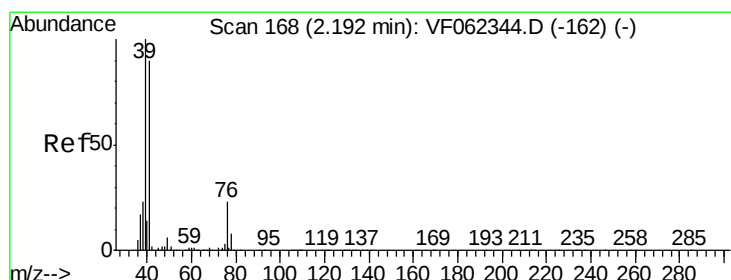
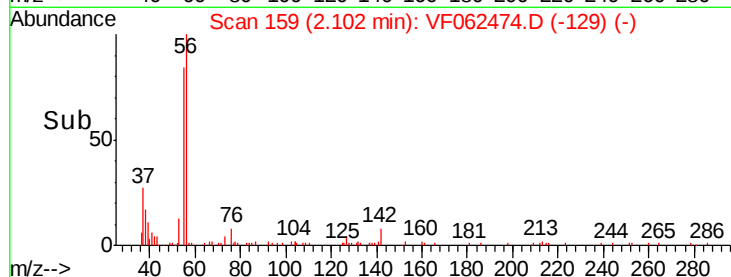
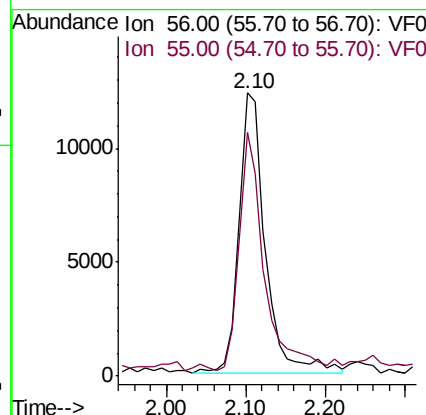
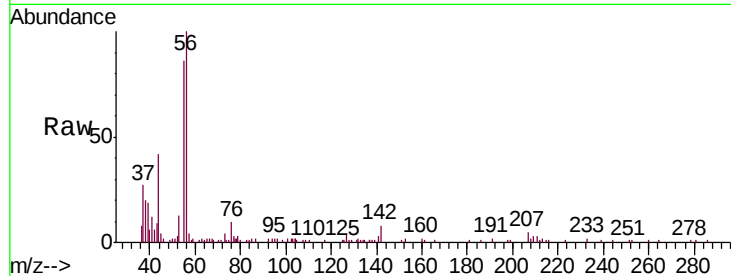
#13
Acrolein
Concen: 299.202 ug/l
RT: 2.10 min Scan# 159
Delta R.T. -0.00 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	81.4	58.4	87.6

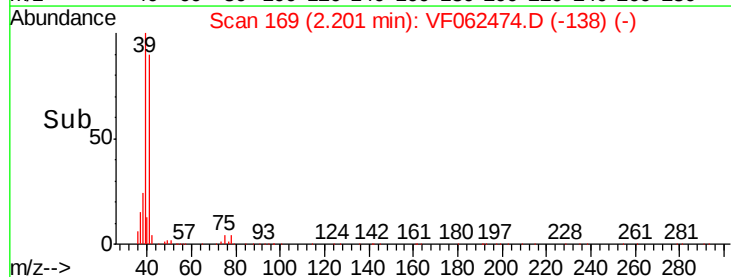
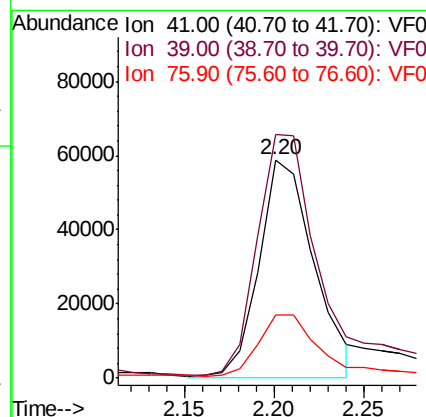
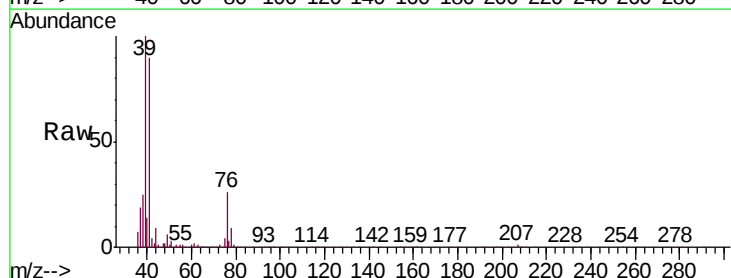
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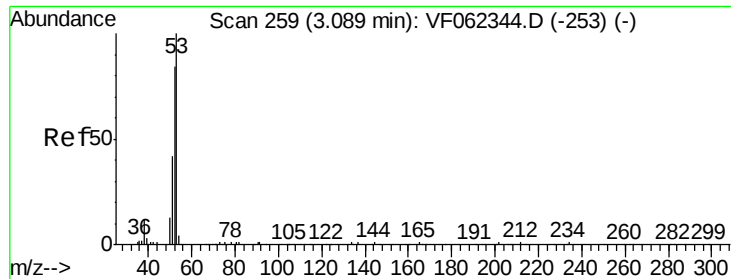
MMDadoda
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#14
Allyl chloride
Concen: 63.934 ug/l m
RT: 2.20 min Scan# 169
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
41	100		
39	135.5	90.8	136.2
76	35.1	22.2	33.4#





#15

Acrylonitrile

Concen: 231.032 ug/l

RT: 3.10 min Scan# 260

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

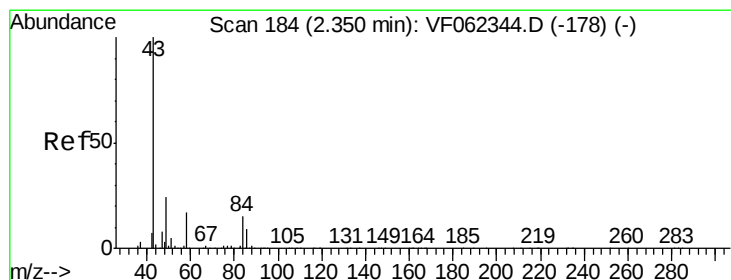
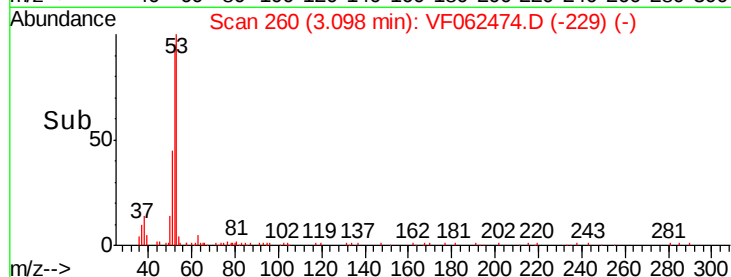
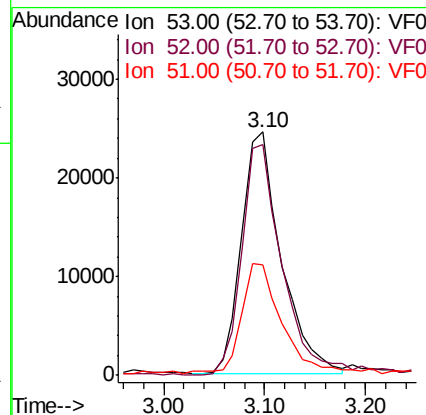
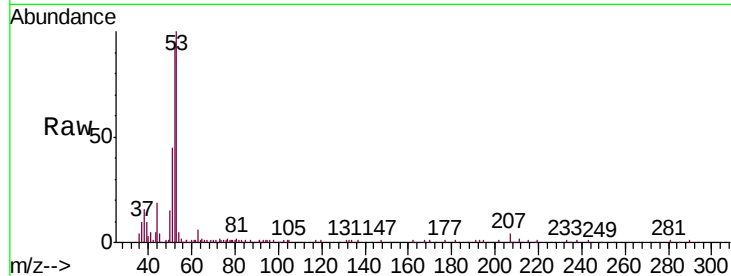
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	68114
Ion	Ratio	Lower	Upper
53	100		
52	98.1	77.2	115.8
51	46.0	40.6	61.0

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#16

Acetone

Concen: 217.506 ug/l

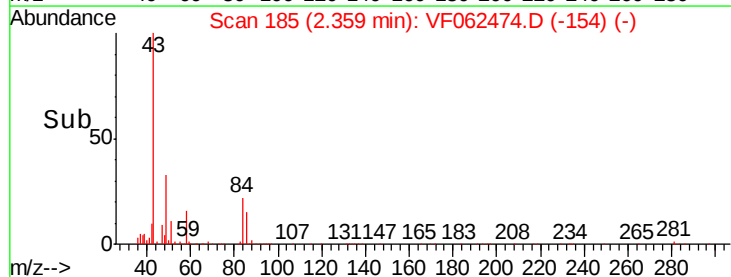
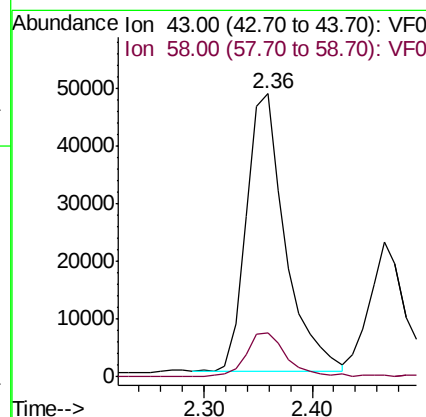
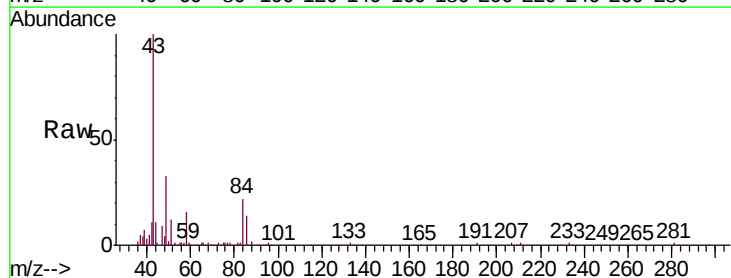
RT: 2.36 min Scan# 185

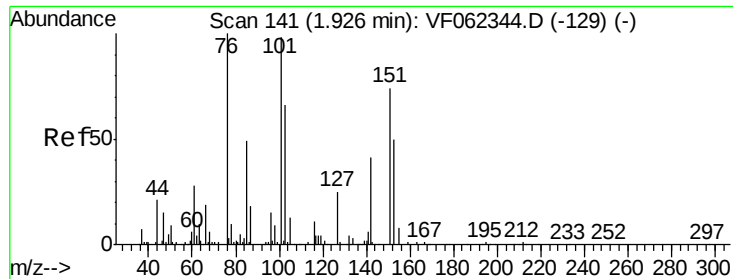
Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Tgt Ion:	43	Resp:	121170
Ion	Ratio	Lower	Upper
43	100		
58	15.9	13.1	19.7





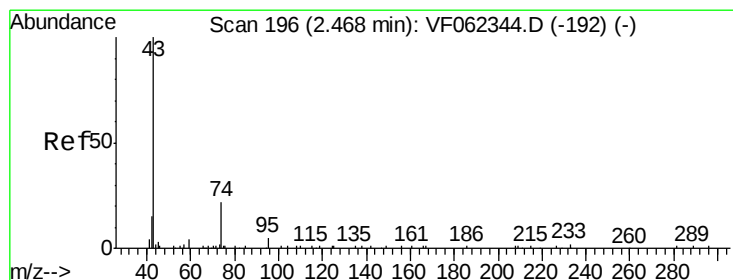
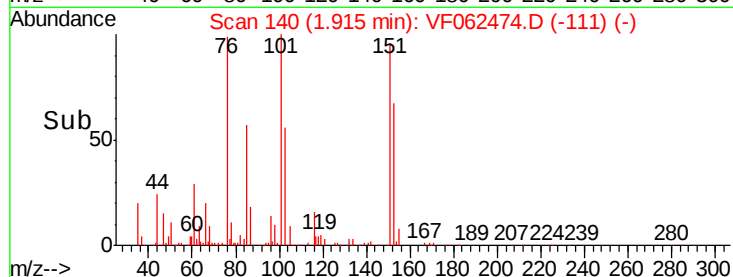
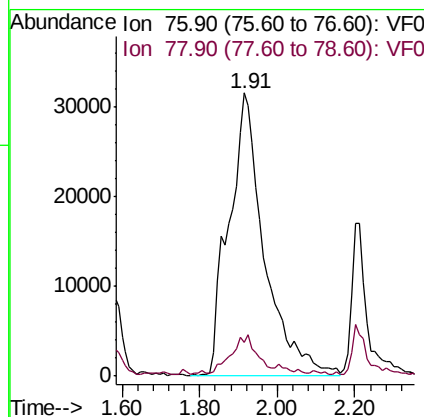
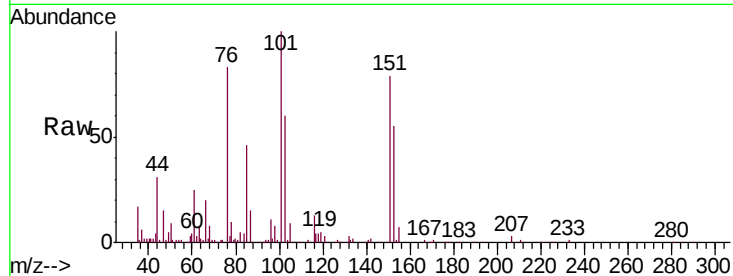
#17
Carbon Disulfide
Concen: 41.177 ug/l
RT: 1.91 min Scan# 140
Delta R.T. -0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 200590
Ion Ratio Lower Upper
76 100
78 11.5 9.0 13.4

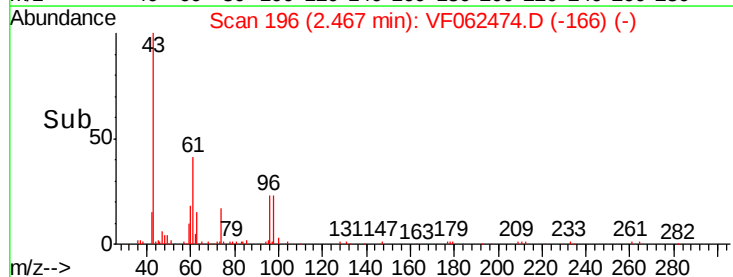
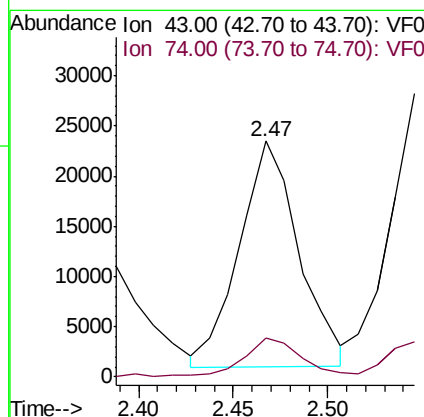
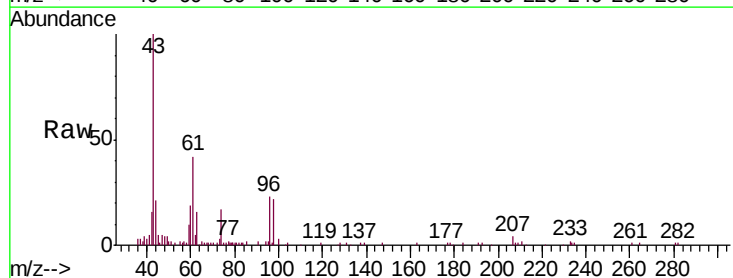
Manual Integrations
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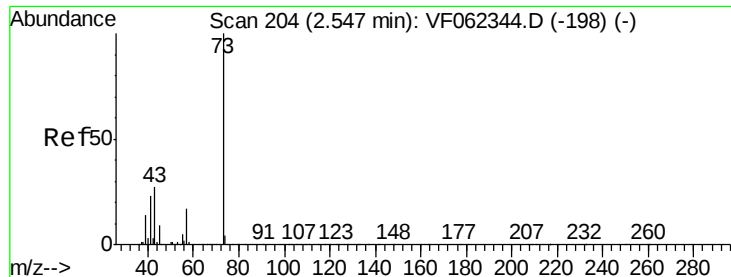
MMDadoda
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#18
Methyl Acetate
Concen: 48.285 ug/l
RT: 2.47 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion: 43 Resp: 49164
Ion Ratio Lower Upper
43 100
74 15.9 15.0 22.4





#19

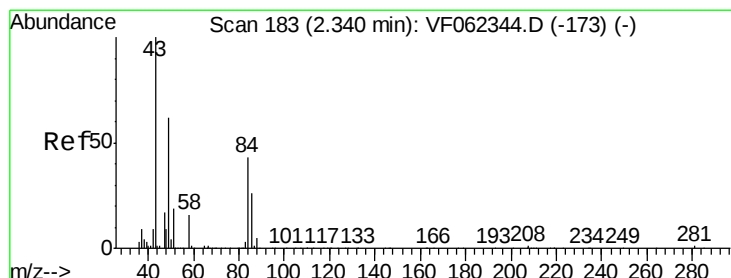
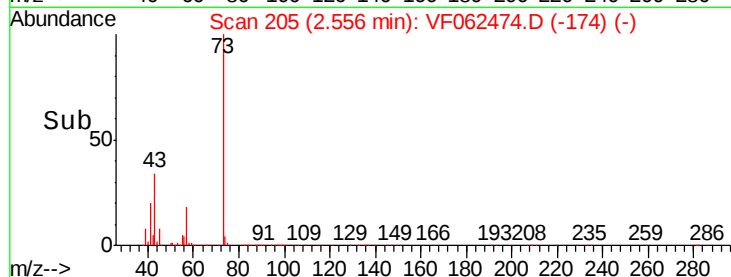
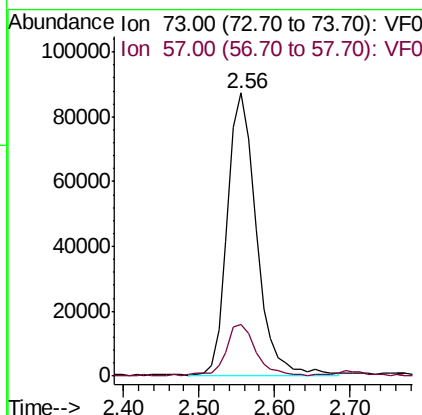
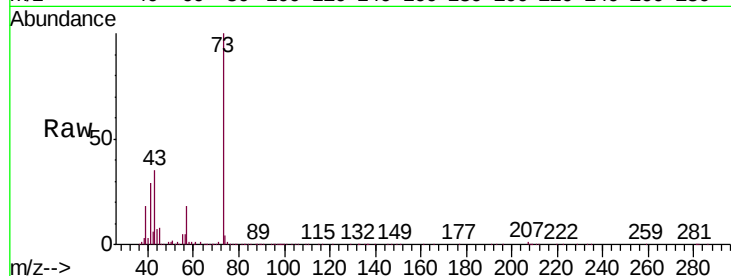
Methyl tert-butyl Ether
Concen: 50.051 ug/l
RT: 2.56 min Scan# 205
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	17.8	13.7	20.5

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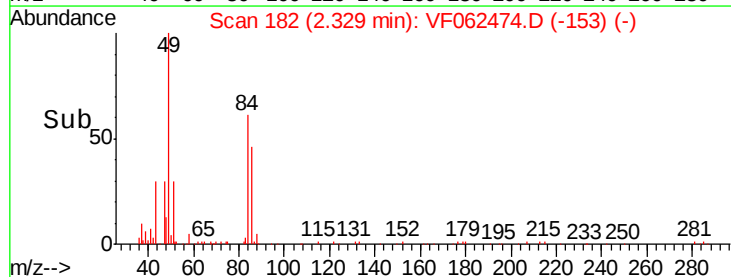
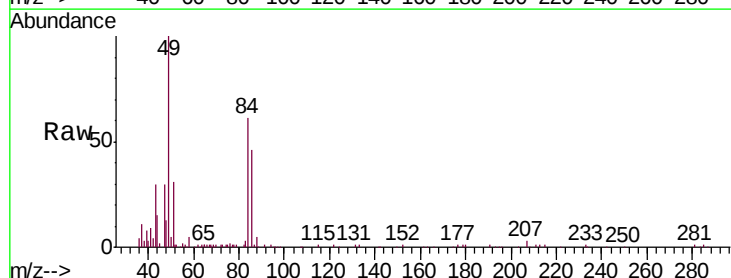
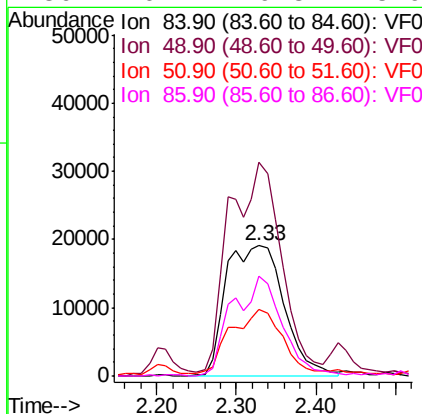
MMDadoda
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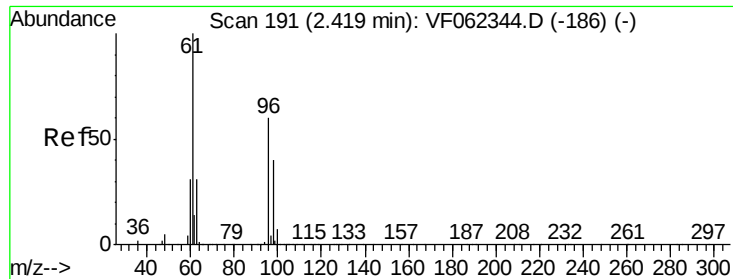


#20

Methylene Chloride
Concen: 48.216 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	160.1	117.5	176.3
51	48.7	37.0	55.4
86	76.1	49.3	73.9





#21

trans-1,2-Dichloroethene

Concen: 43.261 ug/l

RT: 2.43 min Scan# 192

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

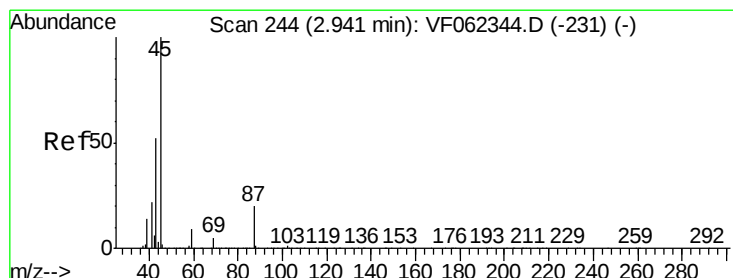
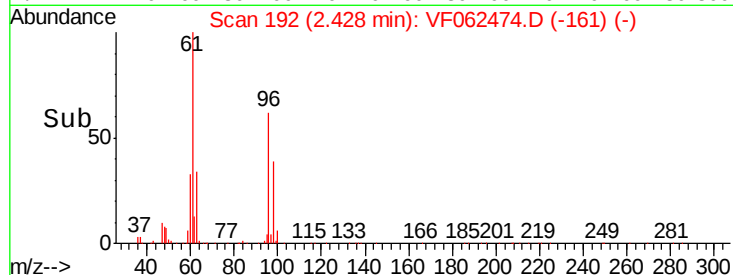
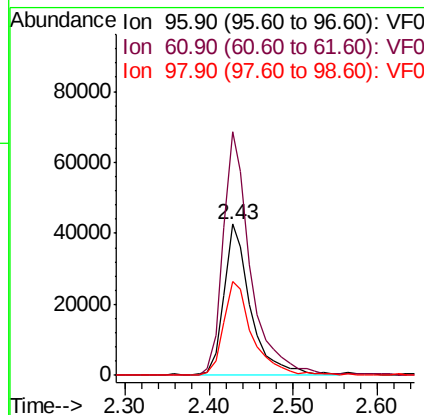
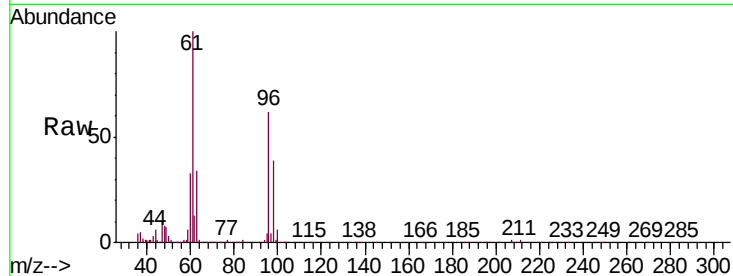
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	92086
Ion Ratio	Lower	Upper	
96	100		
61	161.7	133.2	199.8
98	62.2	53.1	79.7

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#22

Diisopropyl ether

Concen: 47.837 ug/l

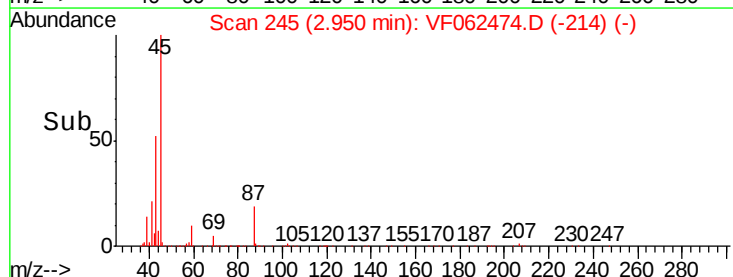
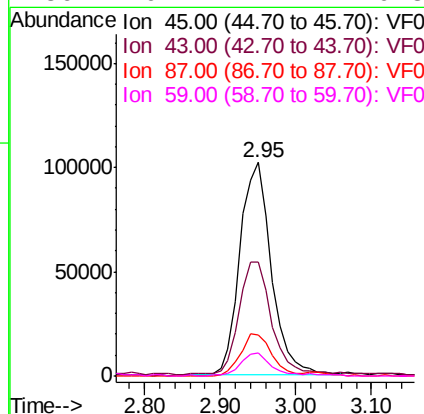
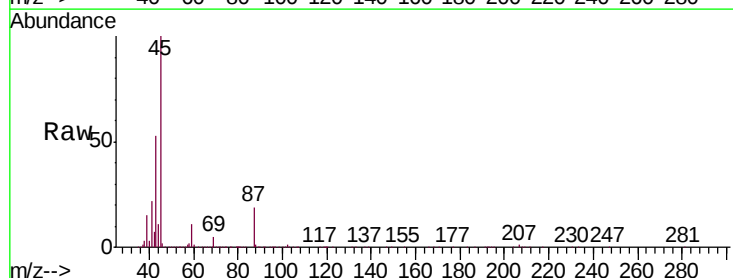
RT: 2.95 min Scan# 245

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Tgt Ion:	45	Resp:	295069
Ion Ratio	Lower	Upper	
45	100		
43	52.6	41.4	62.0
87	19.4	15.8	23.6
59	10.2	7.2	10.8





#23

Vinyl Acetate

Concen: 240.922 ug/l

RT: 3.35 min Scan# 286

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

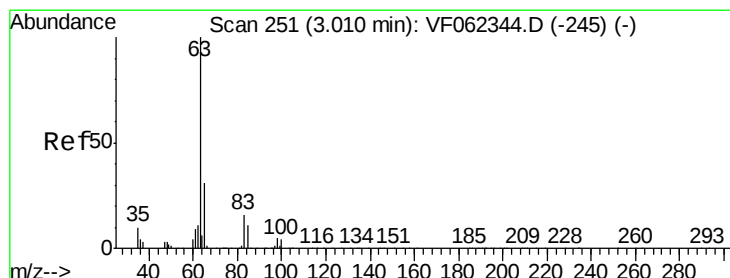
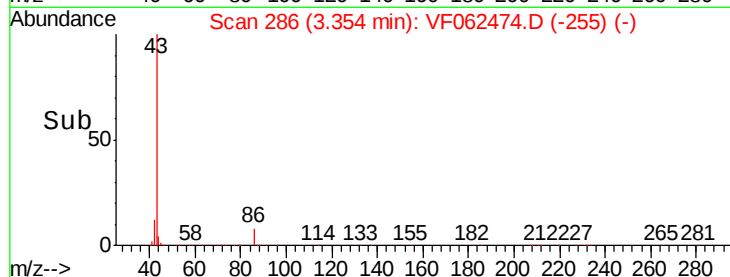
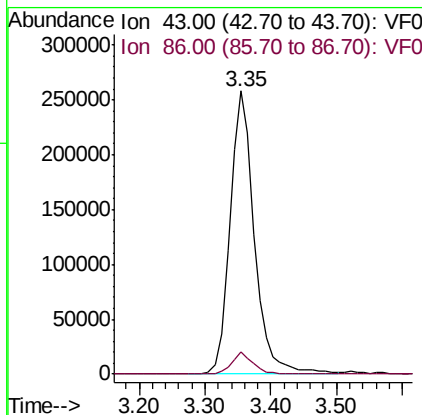
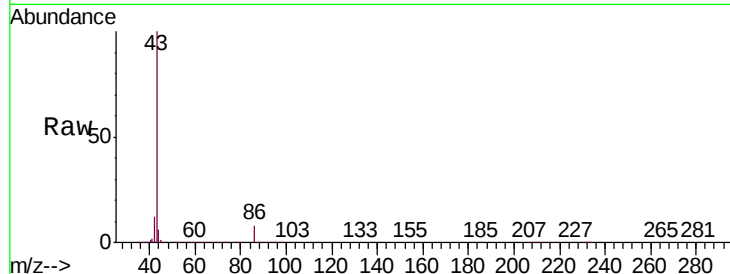
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.7	8.5

Manual Integrations
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5/12/2019 12:05:10 PM



#24

1,1-Dichloroethane

Concen: 52.290 ug/l

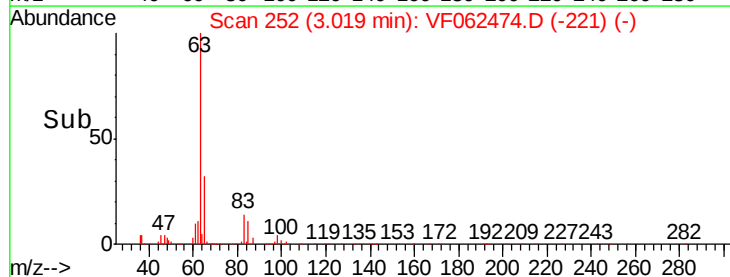
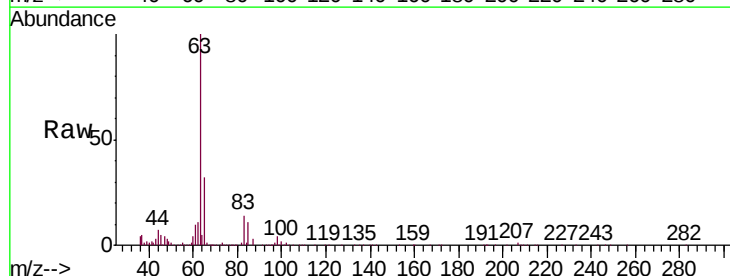
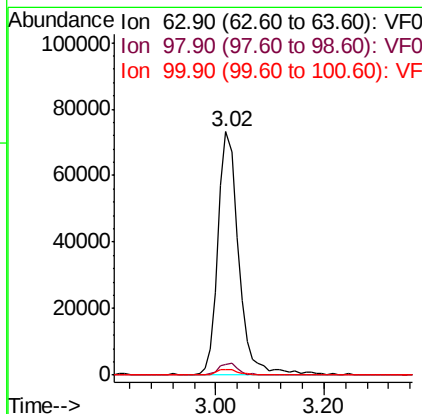
RT: 3.02 min Scan# 252

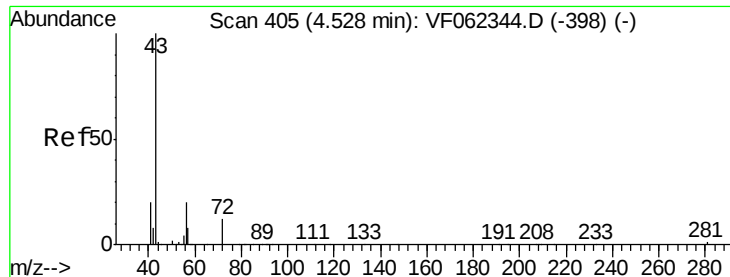
Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.6	8.0
100	2.1	1.8	5.4





#25

2-Butanone

Concen: 228.225 ug/l

RT: 4.54 min Scan# 406

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 159731

Ion Ratio Lower Upper

43 100

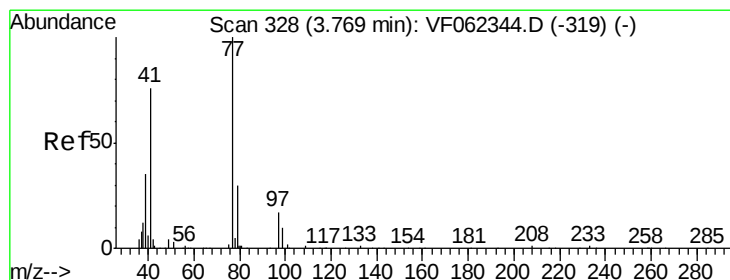
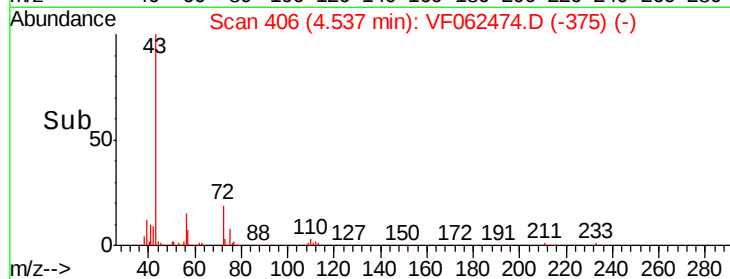
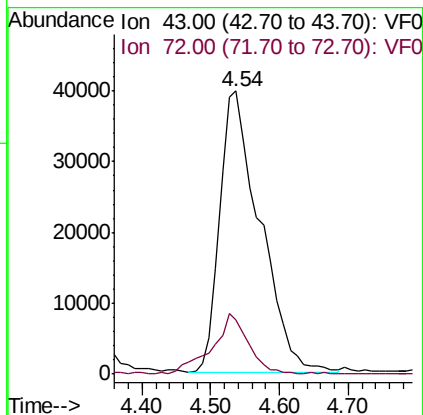
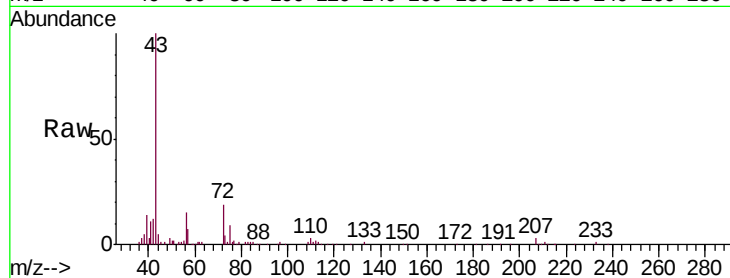
72 19.1 14.2 21.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.810 ug/l

RT: 3.79 min Scan# 330

Delta R.T. 0.02 min

Lab File: VF062474.D

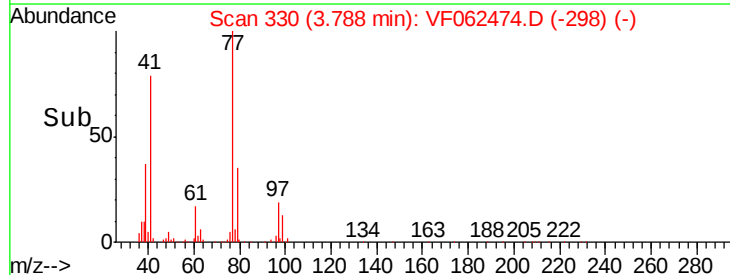
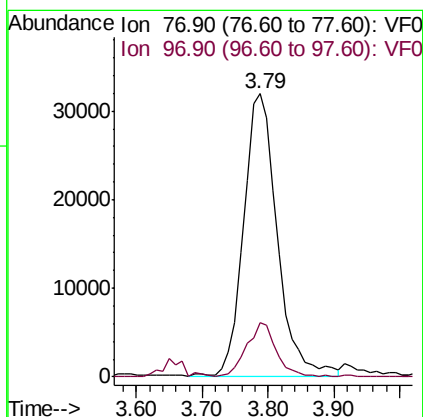
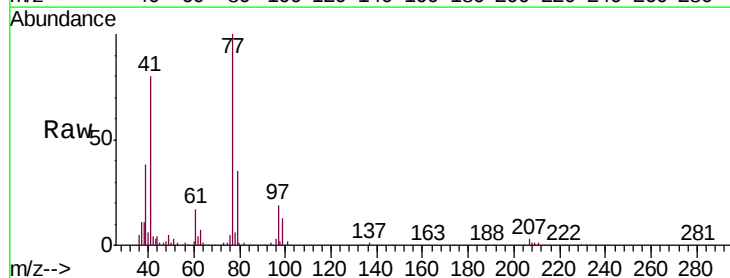
Acq: 11 May 2019 22:43

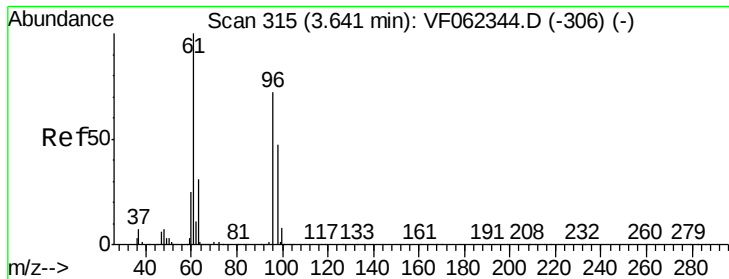
Tgt Ion: 77 Resp: 114106

Ion Ratio Lower Upper

77 100

97 17.2 9.5 28.5





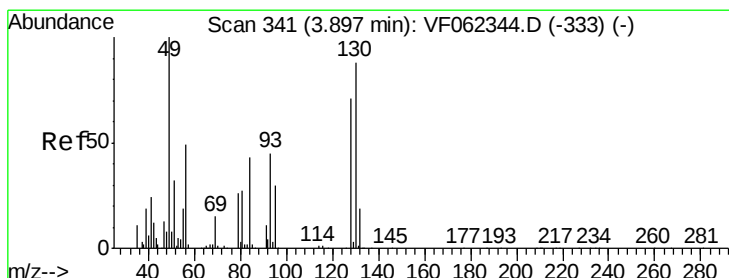
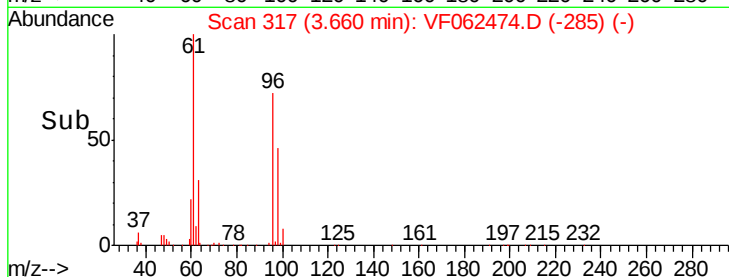
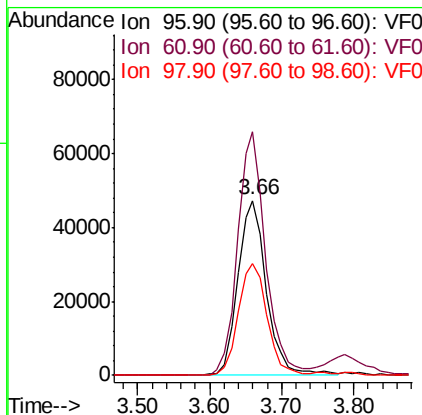
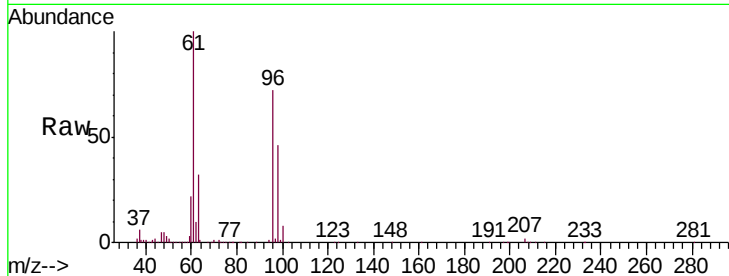
#27
 cis-1,2-Dichloroethene
 Concen: 49.346 ug/l
 RT: 3.66 min Scan# 317
 Delta R.T. 0.02 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	131297		
61	135.6	0.0	263.0	
98	64.4	0.0	130.8	

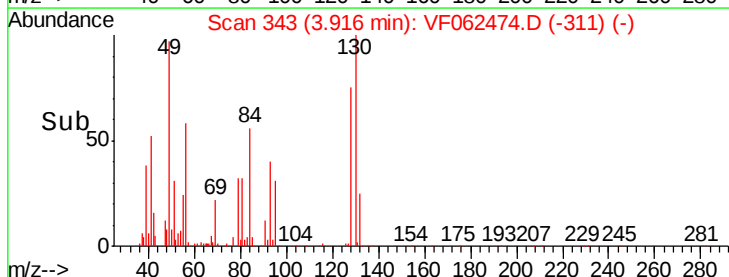
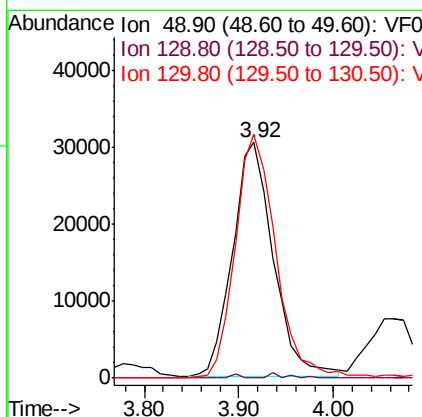
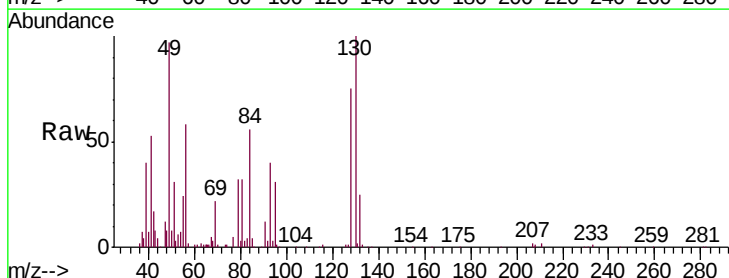
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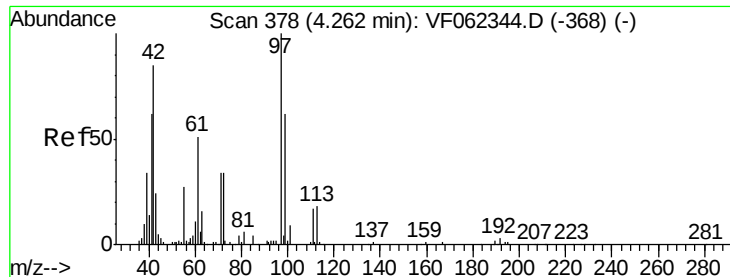
MMDadoda
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#28
 Bromochloromethane
 Concen: 53.951 ug/l
 RT: 3.92 min Scan# 343
 Delta R.T. 0.02 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91215		
129	0.7	0.0	2.2	
130	103.8	79.4	119.0	





#29

Tetrahydrofuran

Concen: 207.107 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.02 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

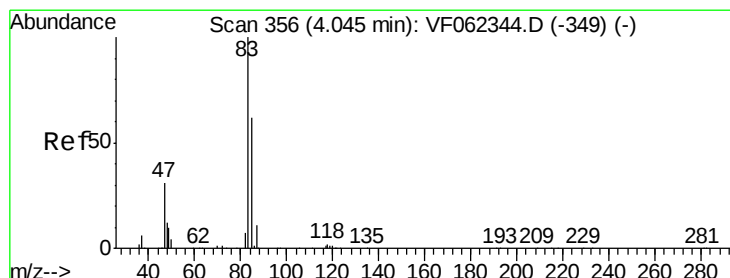
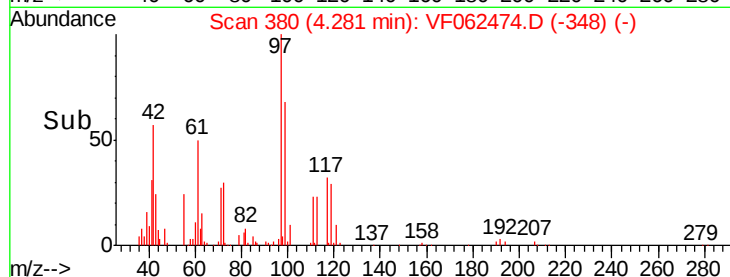
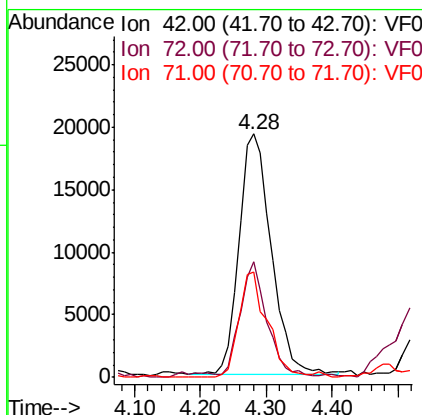
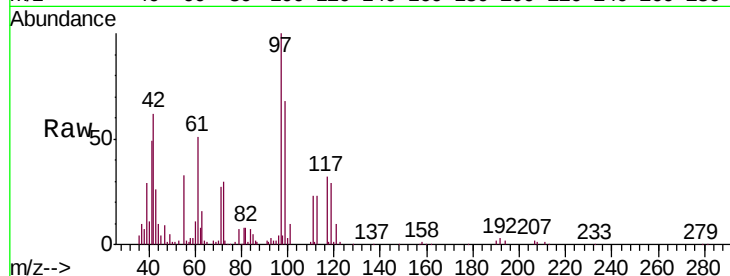
ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	66619
Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.4	47.0
71	38.5	31.7	47.5

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#30

Chloroform

Concen: 52.242 ug/l

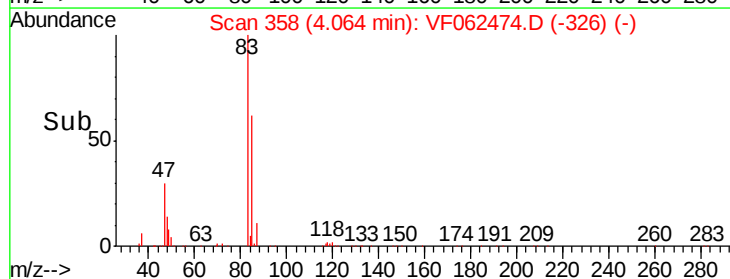
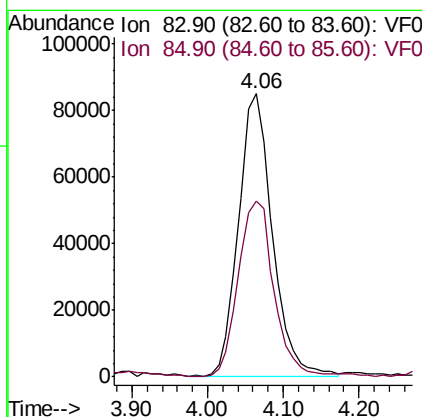
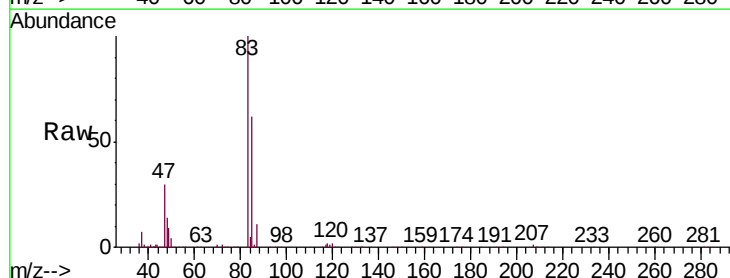
RT: 4.06 min Scan# 358

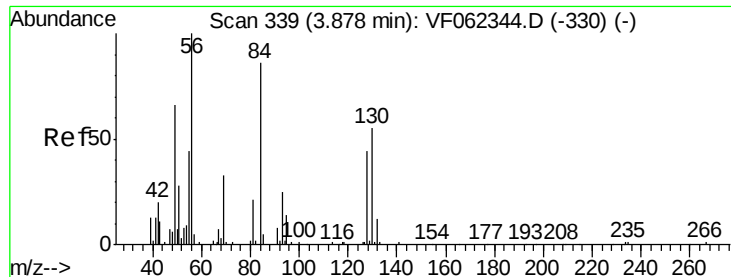
Delta R.T. 0.02 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Tgt Ion:	83	Resp:	263110
Ion	Ratio	Lower	Upper
83	100		
85	62.1	49.6	74.4





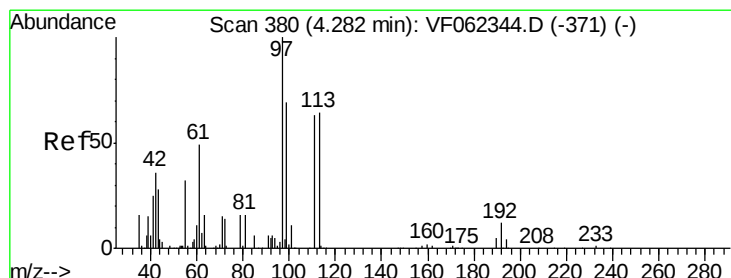
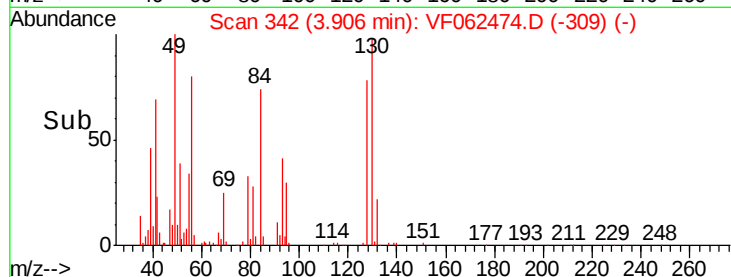
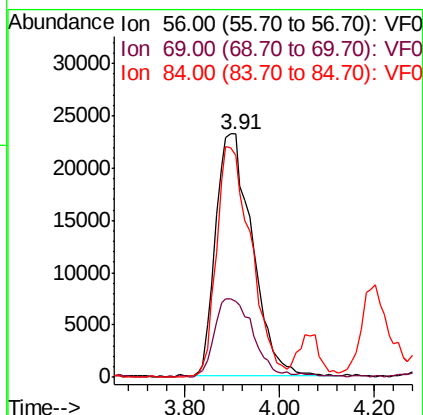
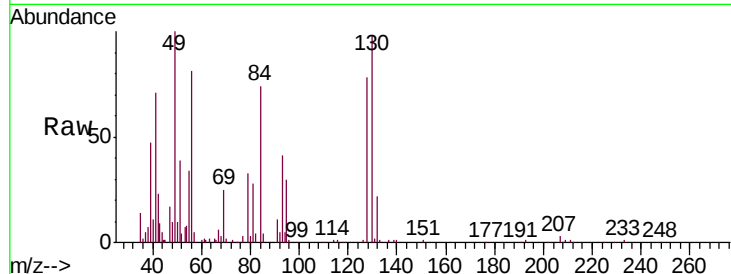
#31
Cyclohexane
Concen: 41.839 ug/l
RT: 3.91 min Scan# 342
Delta R.T. 0.03 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.5	26.4	39.6
84	91.2	69.0	103.6

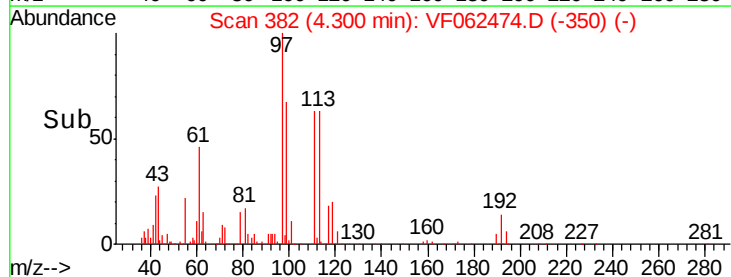
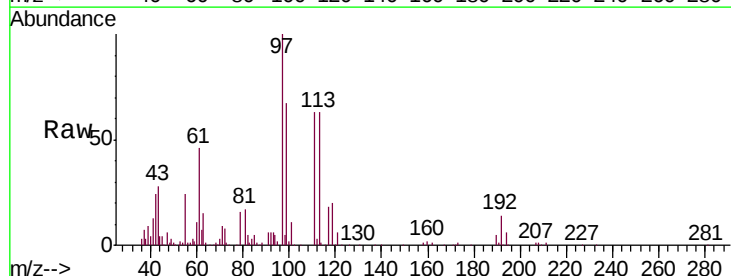
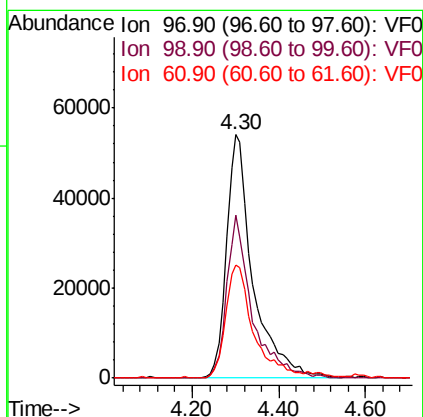
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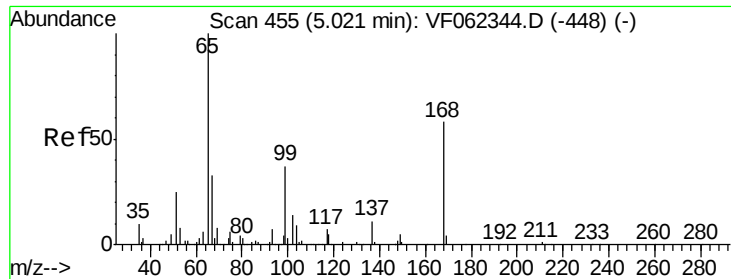
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#32
1,1,1-Trichloroethane
Concen: 52.921 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.02 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.6	78.8
61	49.0	39.4	59.0





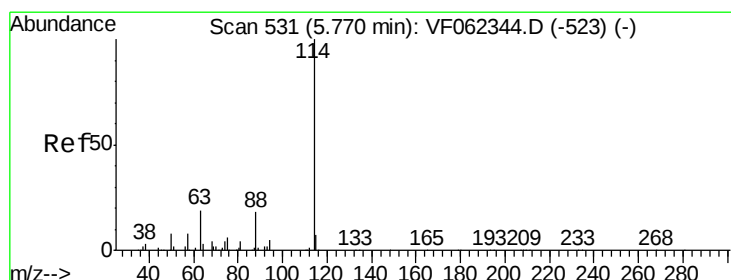
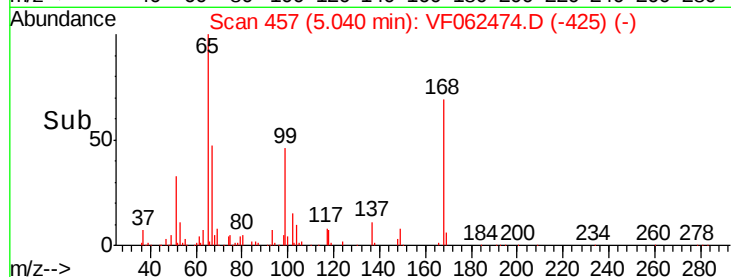
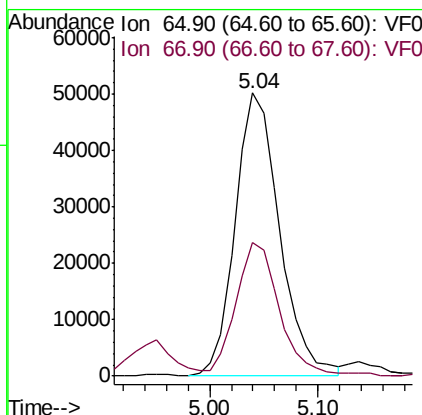
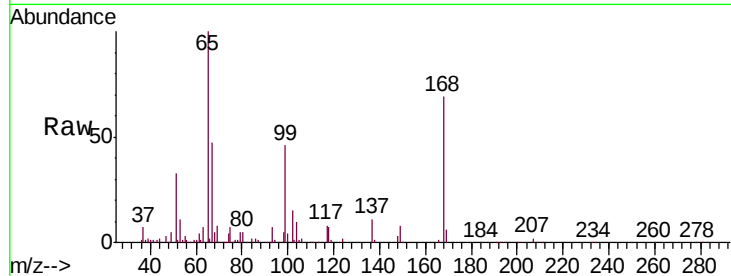
#33
 1,2-Dichloroethane-d4
 Concen: 52.185 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. 0.02 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 143711
 Ion Ratio Lower Upper
 65 100
 67 46.0 0.0 85.8

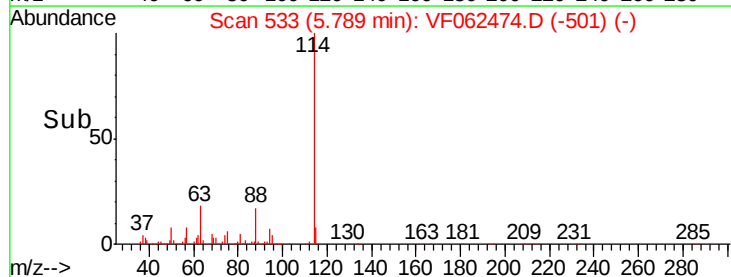
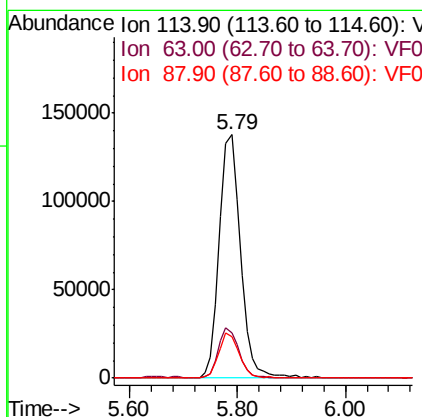
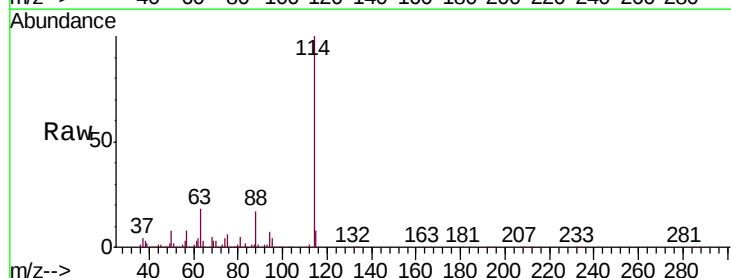
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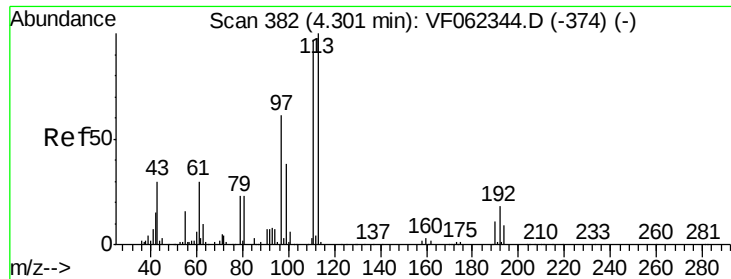
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Tgt Ion: 114 Resp: 377244
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.4
 88 17.2 0.0 36.4





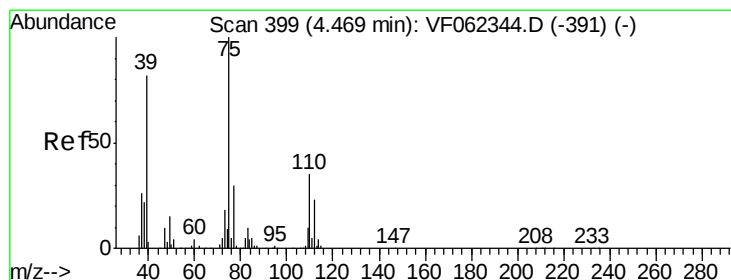
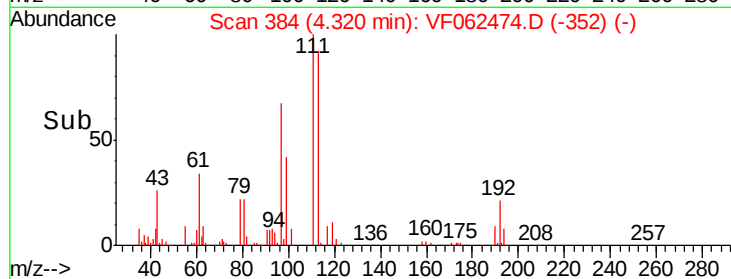
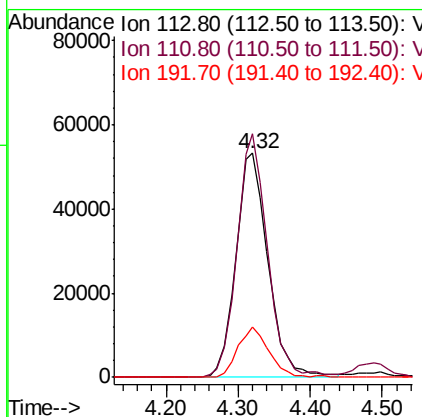
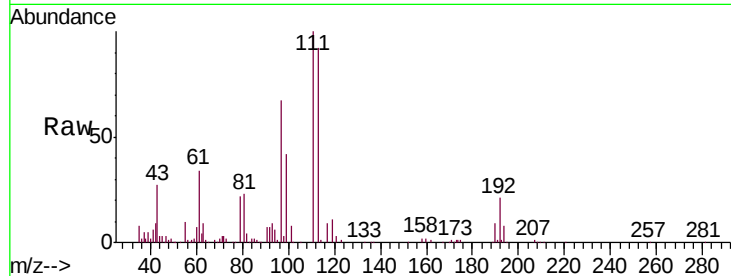
#35
Dibromofluoromethane
Concen: 55.096 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	165587		
111	103.1	79.4	119.0	
192	21.9	16.0	24.0	

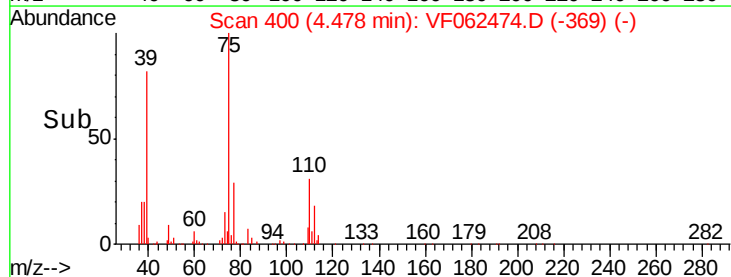
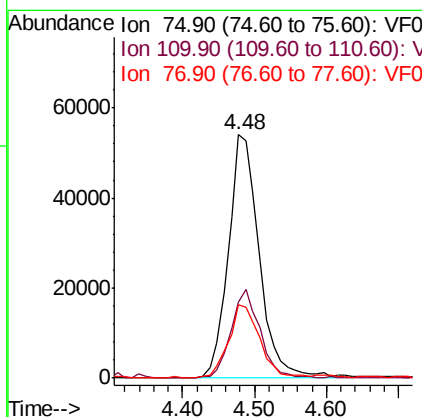
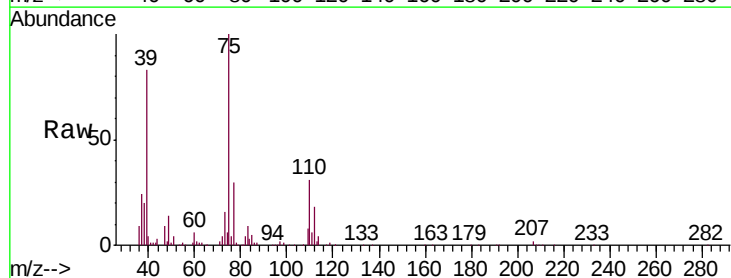
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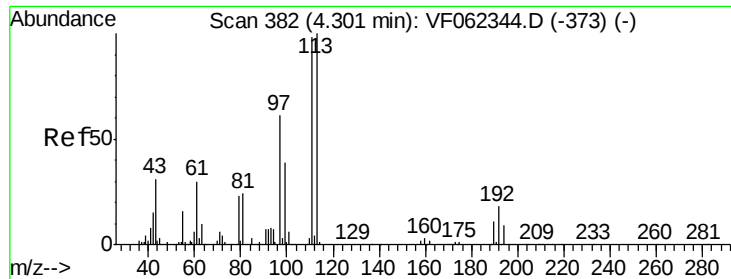
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#36
1,1-Dichloropropene
Concen: 49.803 ug/l
RT: 4.48 min Scan# 400
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	161393		
110	34.2	17.2	51.5	
77	30.4	25.2	37.8	





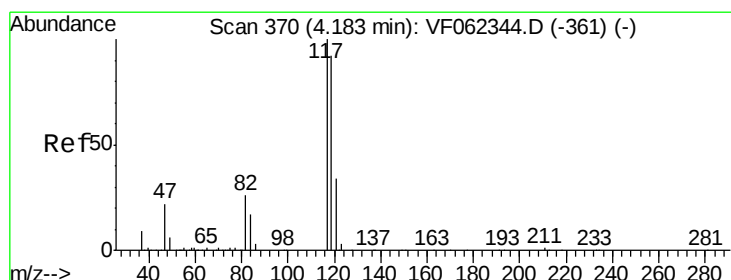
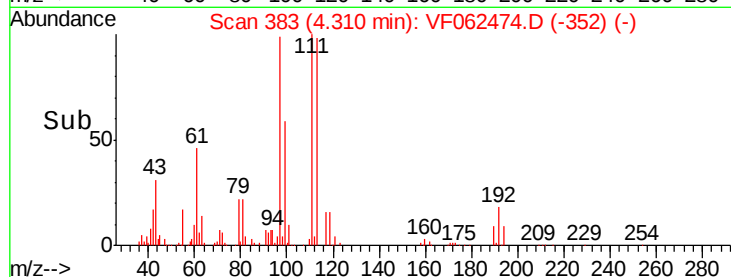
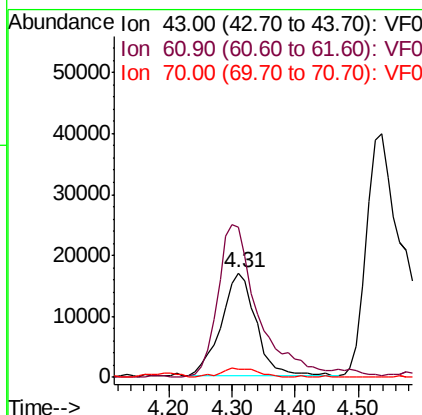
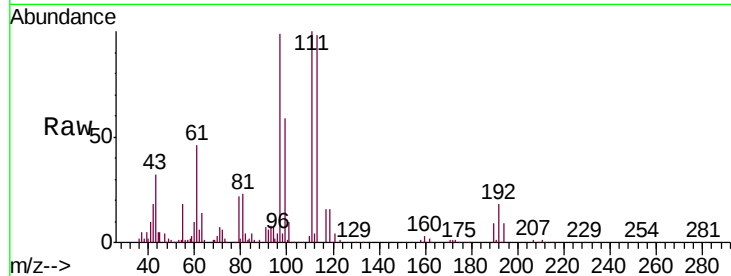
#37
Ethyl Acetate
Concen: 50.611 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	175.5	0.0	0.0#
70	10.0	8.2	12.2

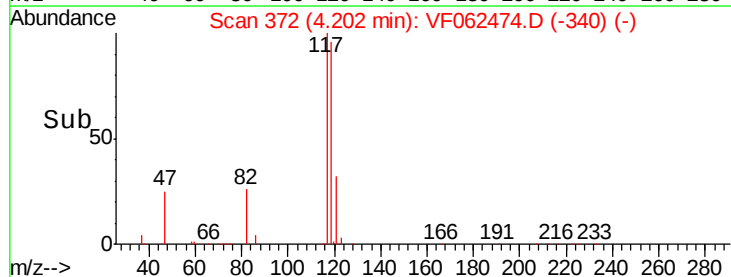
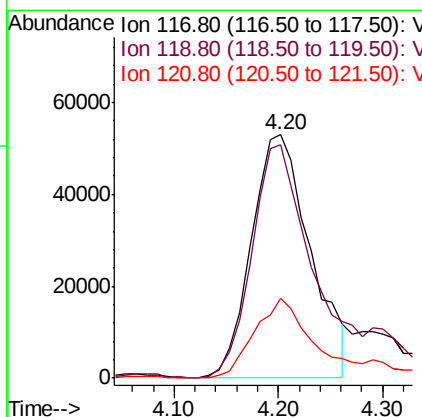
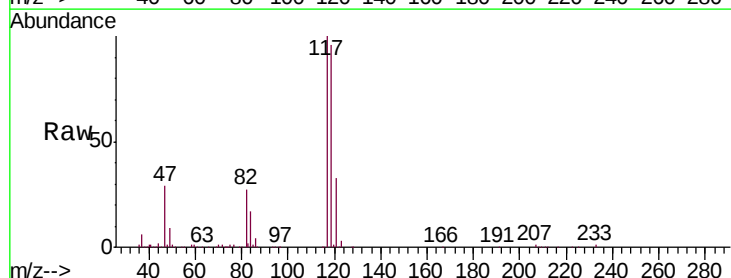
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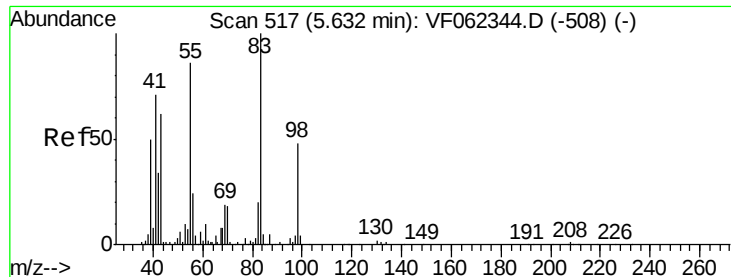
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#38
Carbon Tetrachloride
Concen: 62.829 ug/l m
RT: 4.20 min Scan# 372
Delta R.T. 0.02 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	73.4	110.2
121	32.5	27.4	41.0





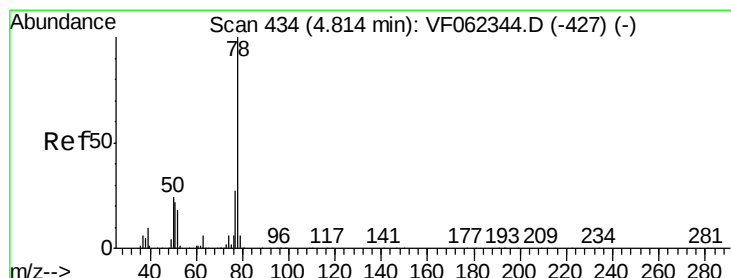
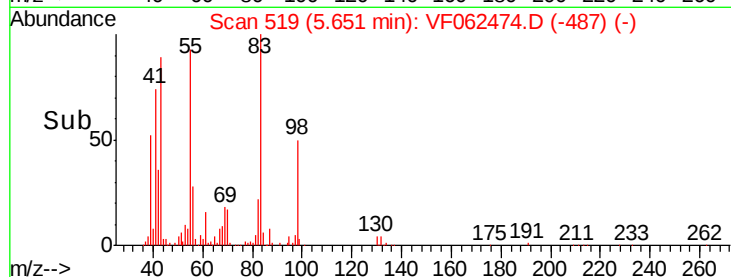
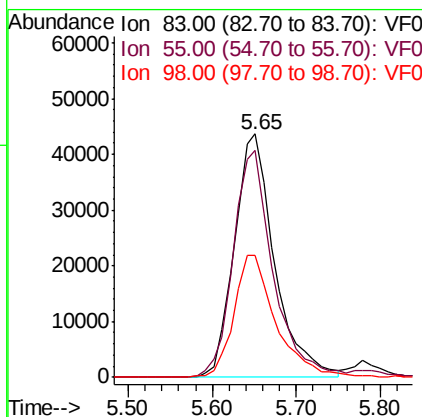
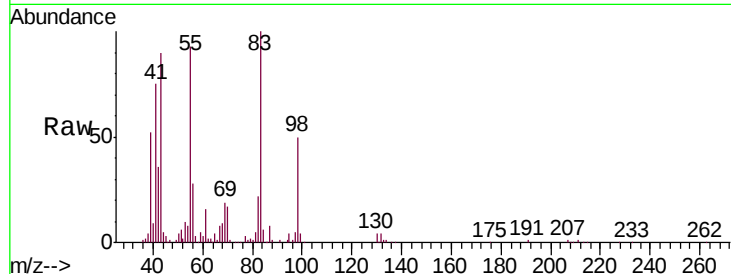
#39
Methylcyclohexane
Concen: 44.807 ug/l
RT: 5.65 min Scan# 519
Delta R.T. 0.02 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	145627
Ion	Ratio	Lower	Upper
83	100		
55	92.7	69.0	103.6
98	49.9	38.6	58.0

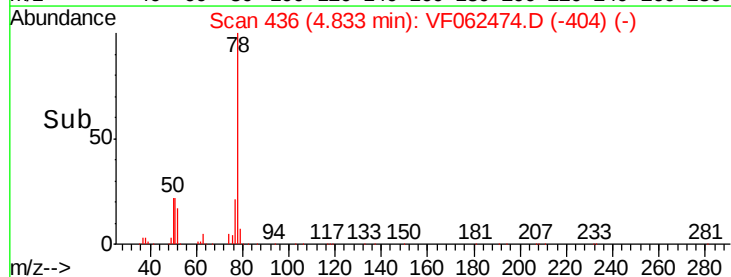
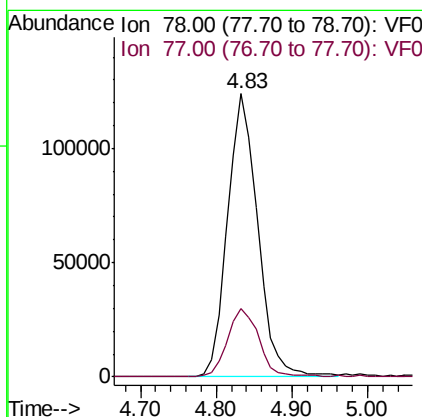
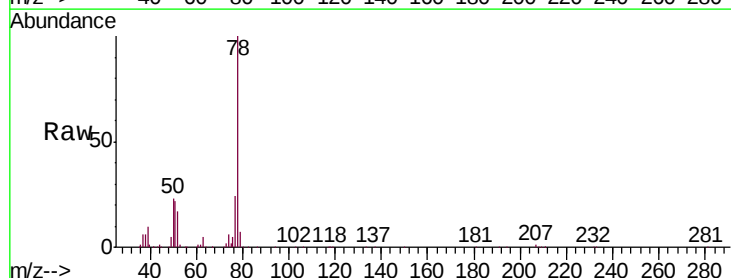
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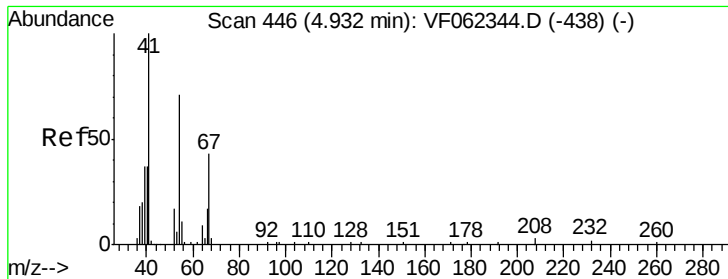
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#40
Benzene
Concen: 48.017 ug/l
RT: 4.83 min Scan# 436
Delta R.T. 0.02 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion:	78	Resp:	342658
Ion	Ratio	Lower	Upper
78	100		
77	24.2	21.6	32.4





#41

Methacrylonitrile

Concen: 43.740 ug/l

RT: 4.94 min Scan# 447

Delta R.T. 0.01 min

Lab File: VF062474.D

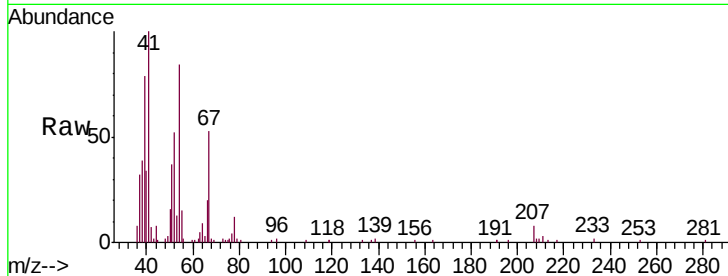
Acq: 11 May 2019 22:43

Tgt Ion:	41	Resp:	33988
Ion	Ratio	Lower	Upper
41	100		
39	80.8	54.3	81.5
67	51.3	37.8	56.8
52	73.0	58.2	87.4

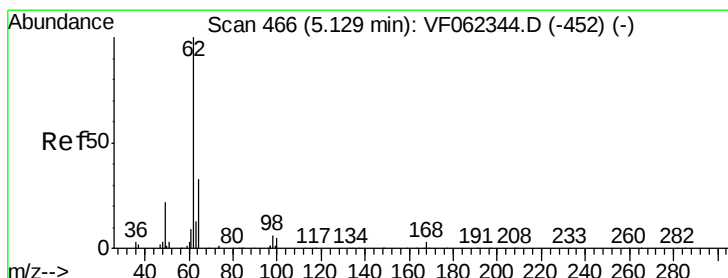
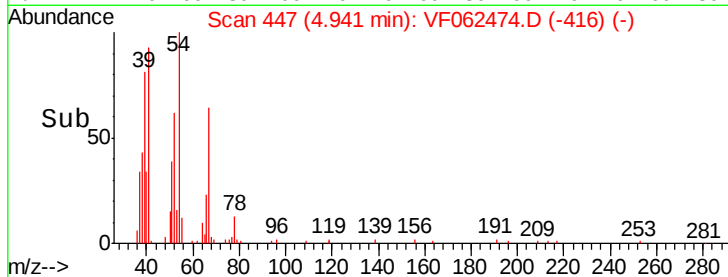
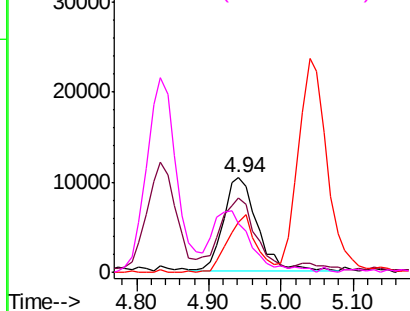
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 51.152 ug/l

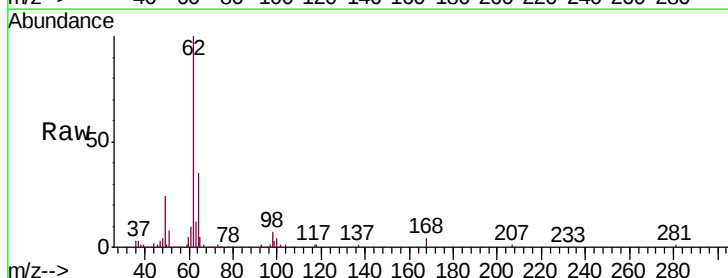
RT: 5.14 min Scan# 467

Delta R.T. 0.01 min

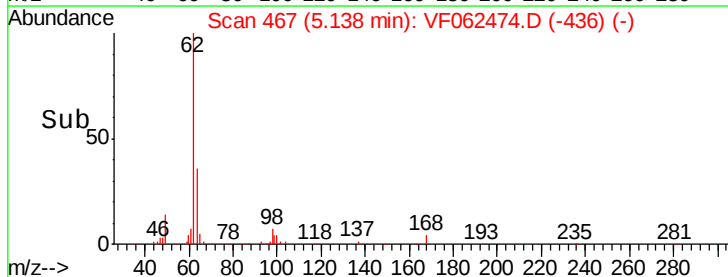
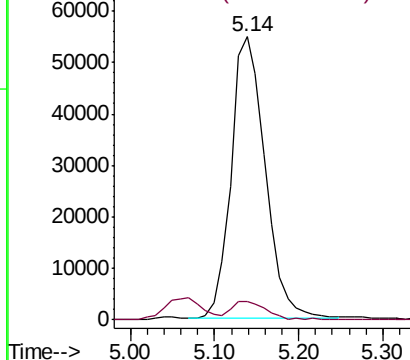
Lab File: VF062474.D

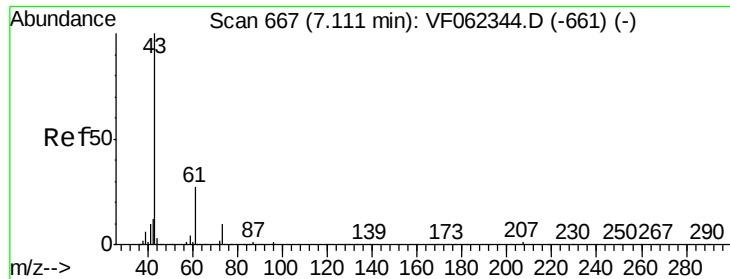
Acq: 11 May 2019 22:43

Tgt Ion:	62	Resp:	152668
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	12.4



Abundance Ion 61.90 (61.60 to 62.60): VF0
Ion 97.90 (97.60 to 98.60): VF0





#43

Isopropyl Acetate

Concen: 47.695 ug/l

RT: 7.12 min Scan# 668

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

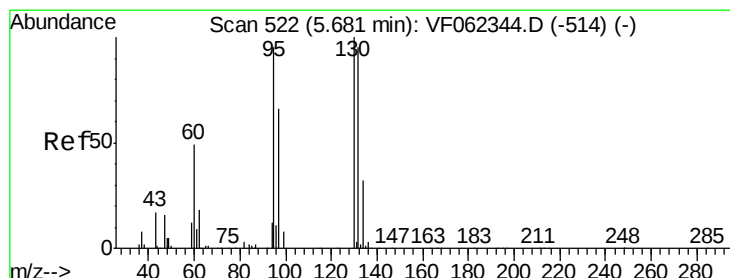
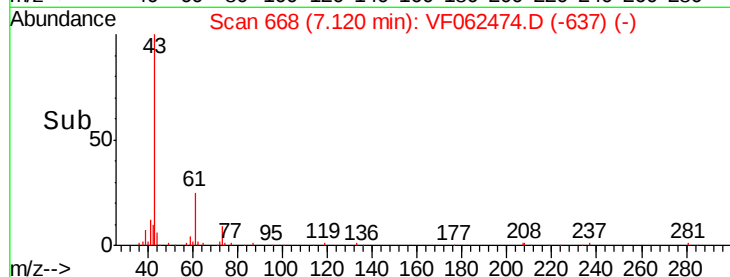
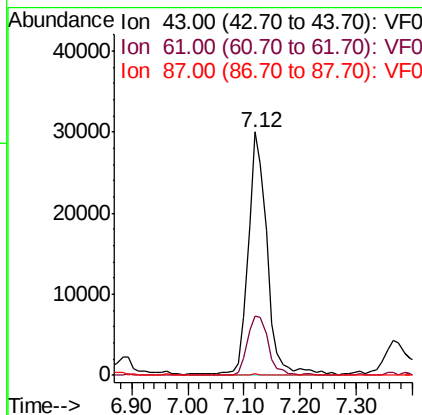
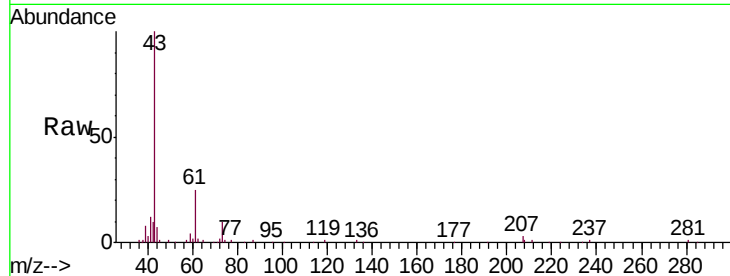
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	70303
Ion Ratio	Lower	Upper	
43	100		
61	26.7	22.8	34.2
87	0.2	0.6	1.0#

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#44

Trichloroethene

Concen: 51.078 ug/l

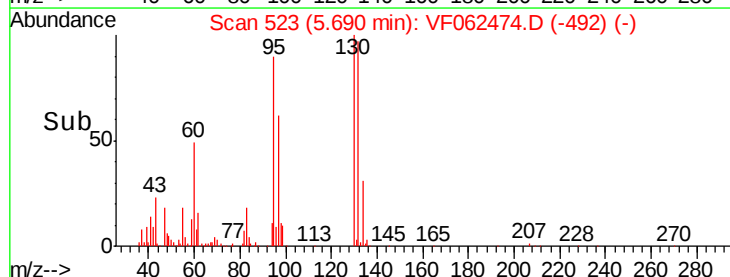
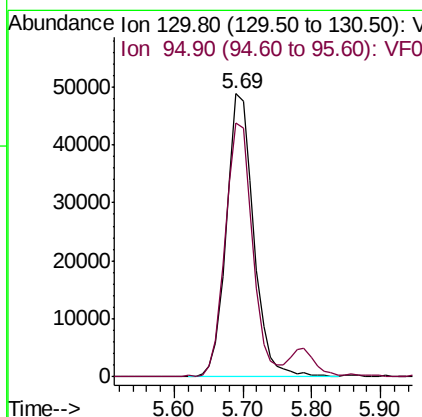
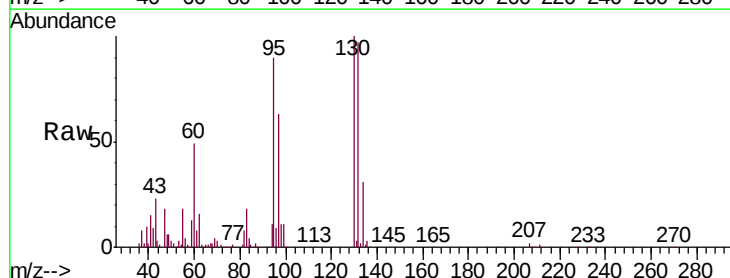
RT: 5.69 min Scan# 523

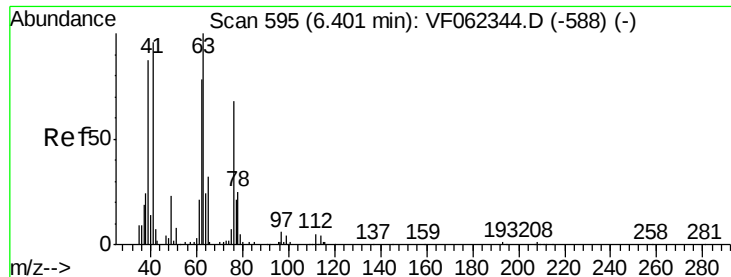
Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Tgt Ion:	130	Resp:	133897
Ion Ratio	Lower	Upper	
130	100		
95	89.3	0.0	189.0





#45

1,2-Dichloropropane

Concen: 51.045 ug/l

RT: 6.42 min Scan# 597

Delta R.T. 0.02 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 82507

Ion Ratio Lower Upper

63 100

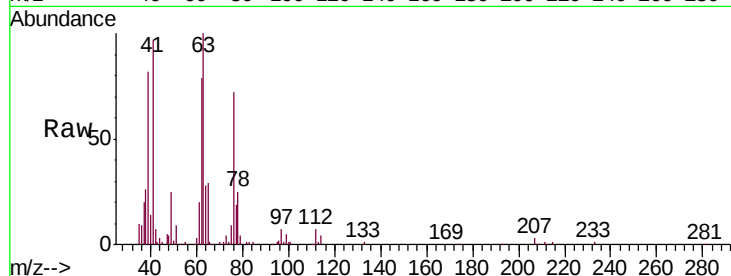
65 28.7 25.6 38.4

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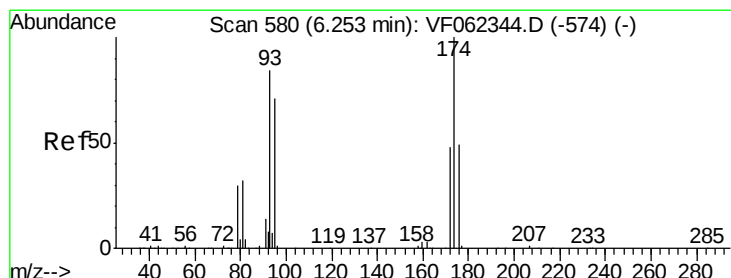
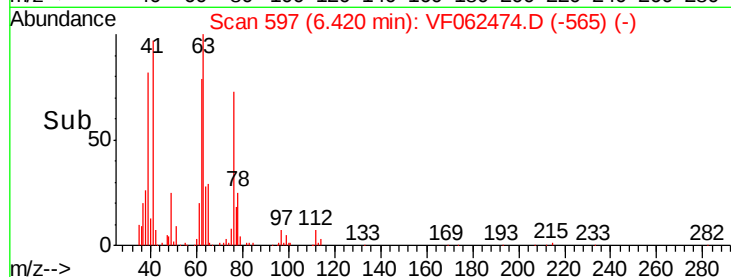
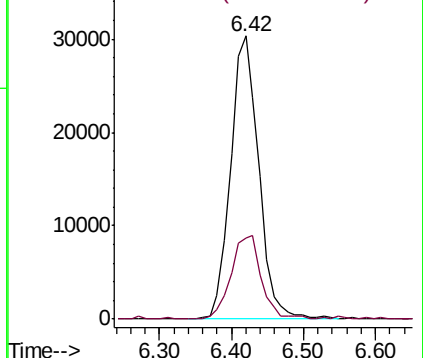
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0



#46

Dibromomethane

Concen: 52.465 ug/l

RT: 6.27 min Scan# 582

Delta R.T. 0.02 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

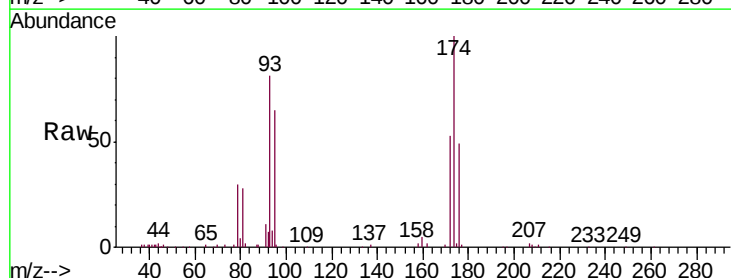
Tgt Ion: 93 Resp: 70311

Ion Ratio Lower Upper

93 100

95 81.4 68.4 102.6

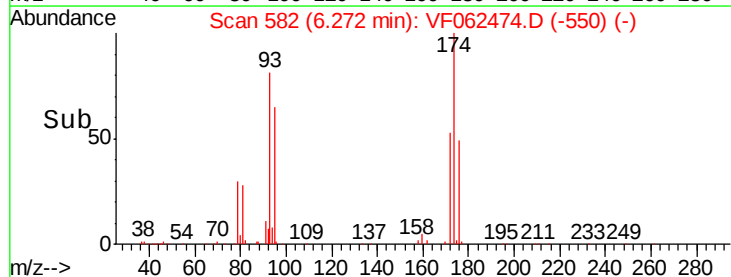
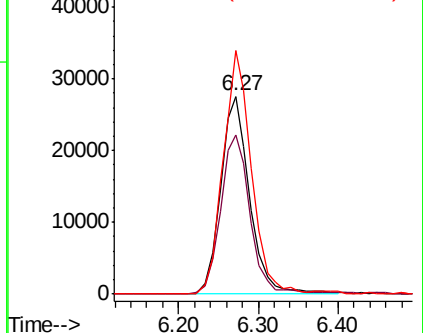
174 119.9 99.6 149.4

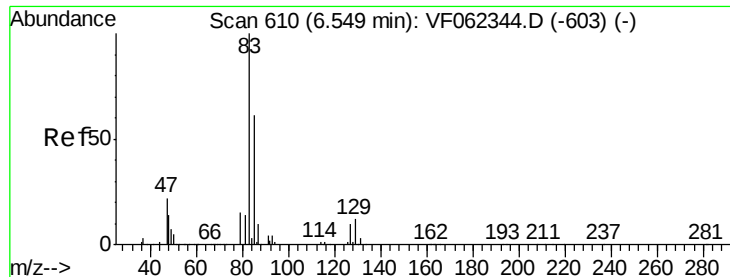


Abundance Ion 92.80 (92.50 to 93.50): VF0

Ion 94.80 (94.50 to 95.50): VF0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.771 ug/l

RT: 6.57 min Scan# 612

Delta R.T. 0.02 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

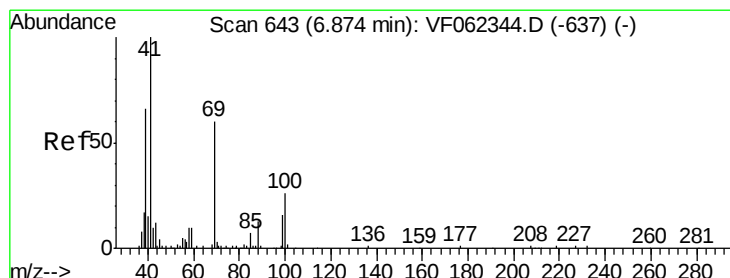
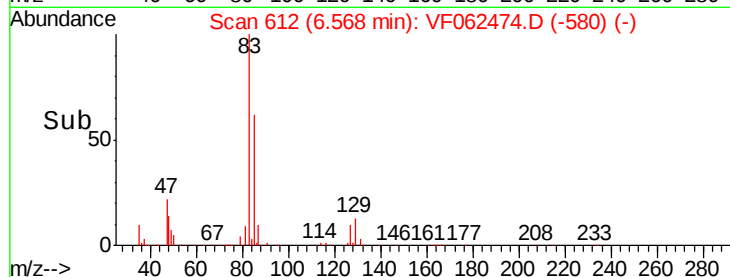
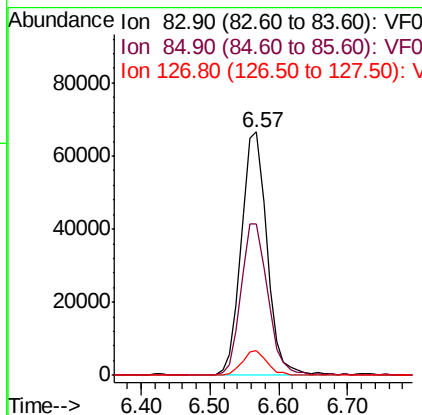
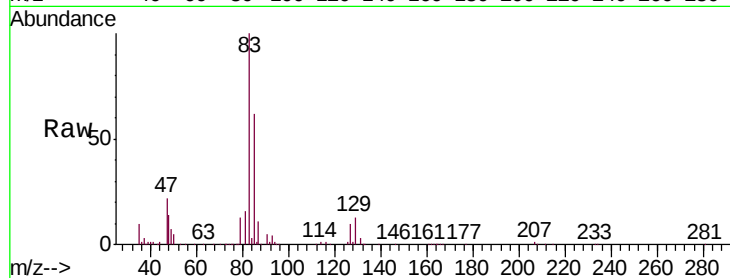
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	173466
Ion	Ratio	Lower	Upper
83	100		
85	62.2	49.1	73.7
127	10.4	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.733 ug/l

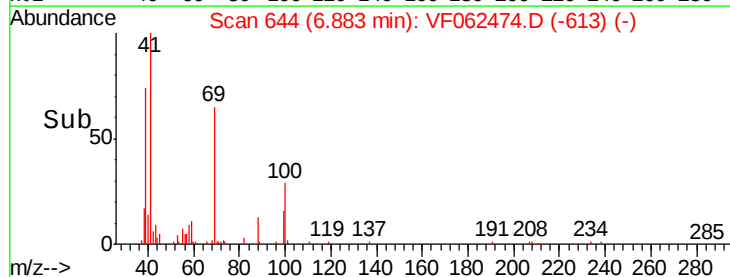
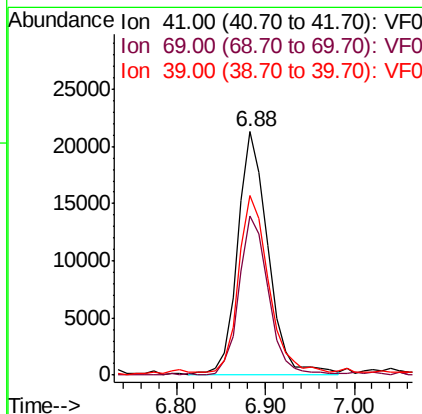
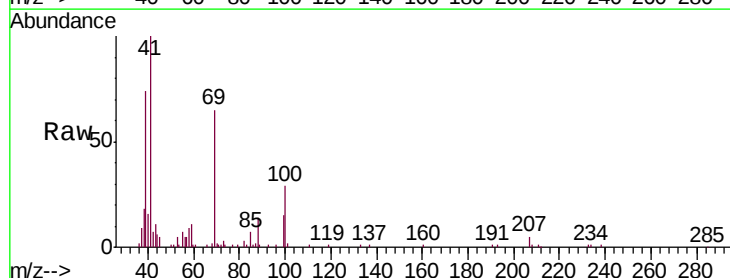
RT: 6.88 min Scan# 644

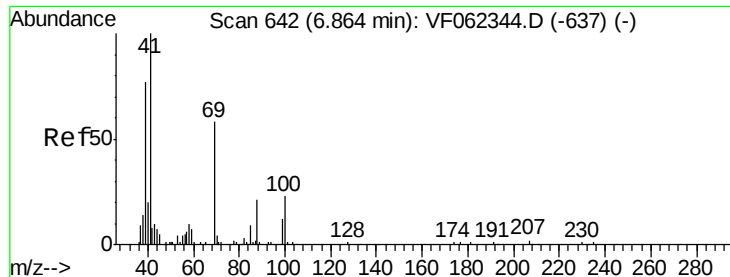
Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Tgt Ion:	41	Resp:	50764
Ion	Ratio	Lower	Upper
41	100		
69	63.1	48.6	72.8
39	71.5	56.1	84.1





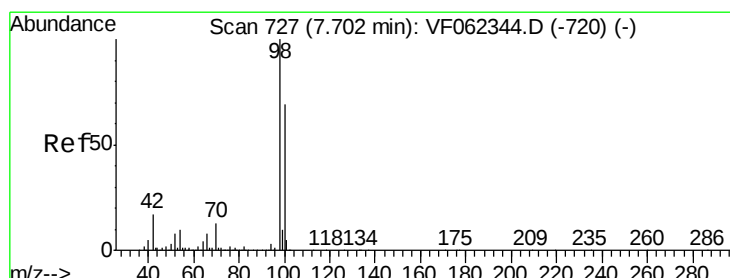
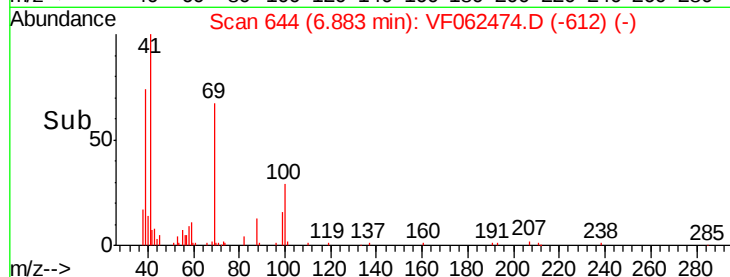
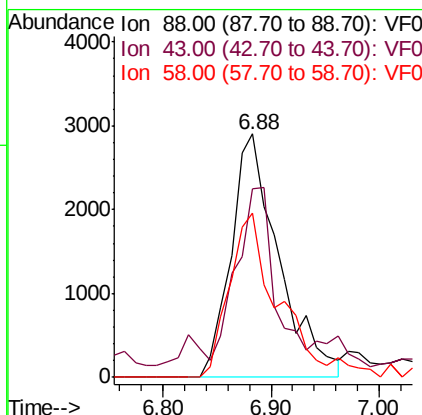
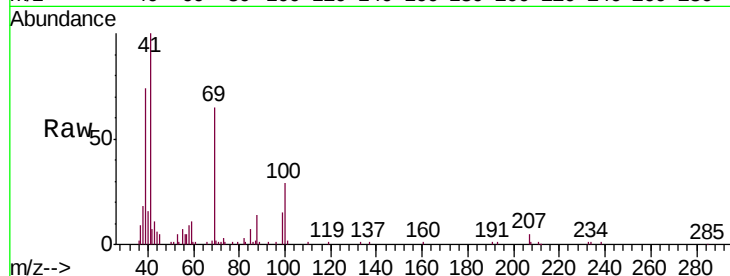
#49
1,4-Dioxane
Concen: 830.483 ug/l
RT: 6.88 min Scan# 644
Delta R.T. 0.02 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	8921		
43	54.4		55.6	83.4#
58	70.3		52.8	79.2

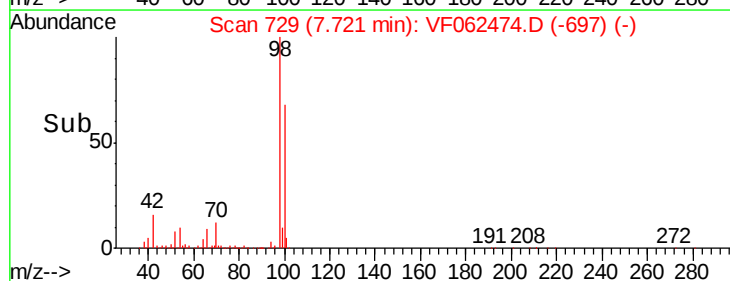
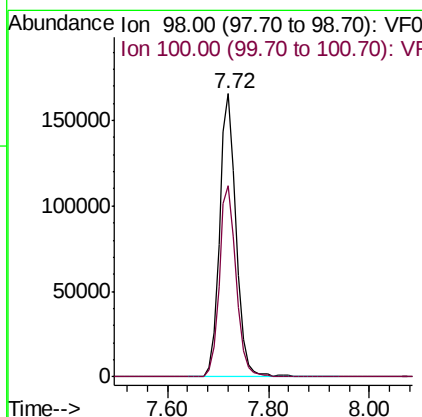
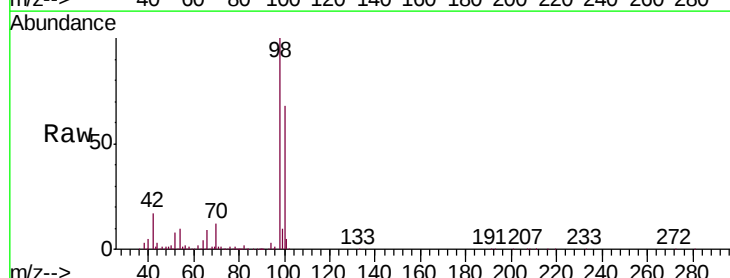
Manual Integrations
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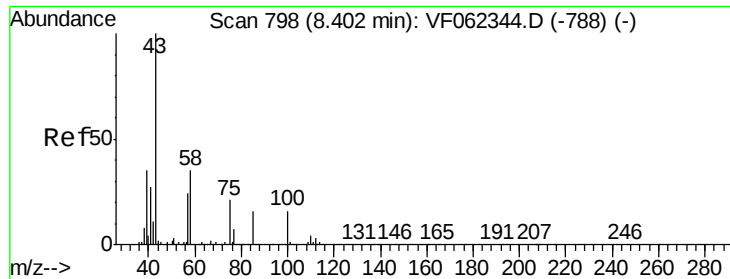
MMDadoda
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#50
Toluene-d8
Concen: 52.192 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	379701		
100	68.4		53.3	79.9





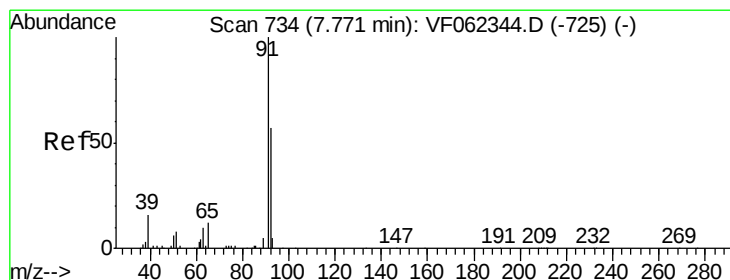
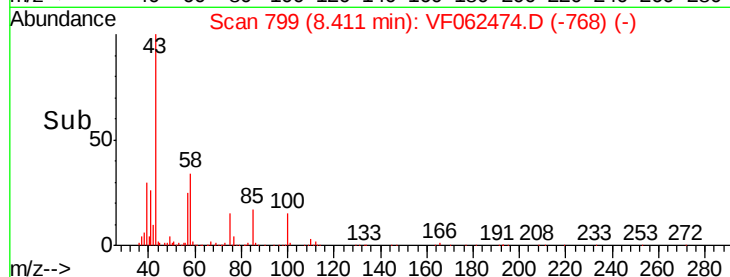
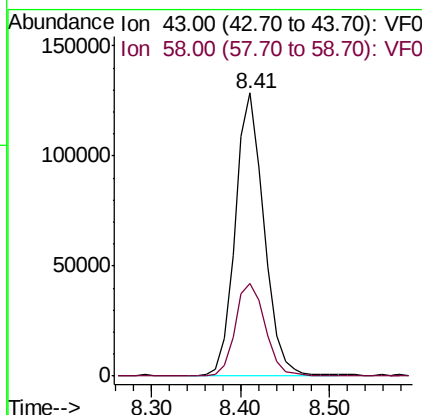
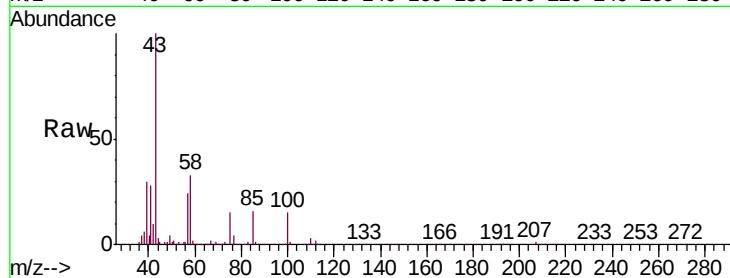
#51
4-Methyl-2-Pentanone
Concen: 259.989 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.8	41.6

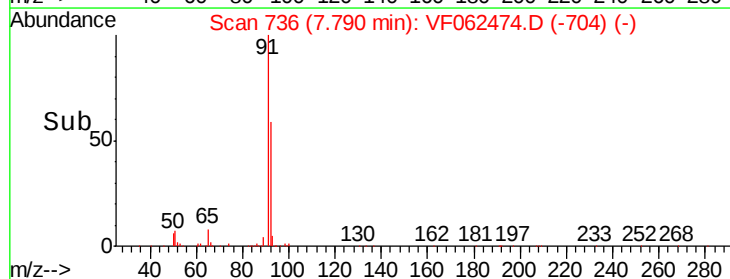
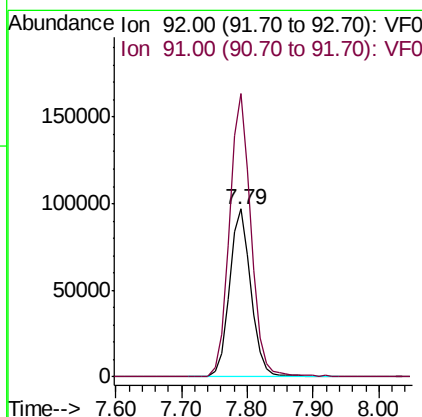
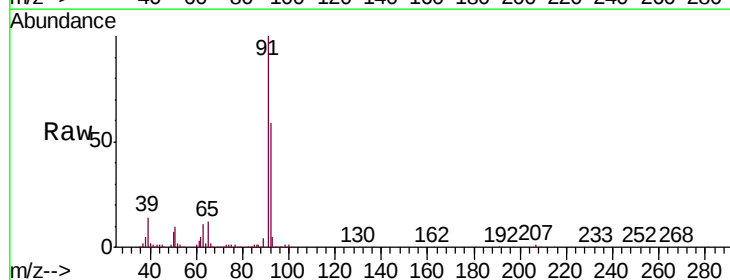
Manual Integrations
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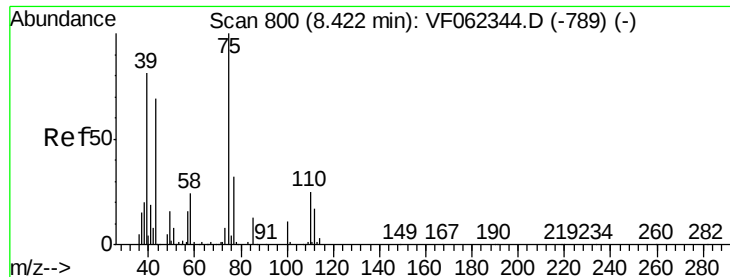
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#52
Toluene
Concen: 50.405 ug/l
RT: 7.79 min Scan# 736
Delta R.T. 0.02 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.5	138.7	208.1





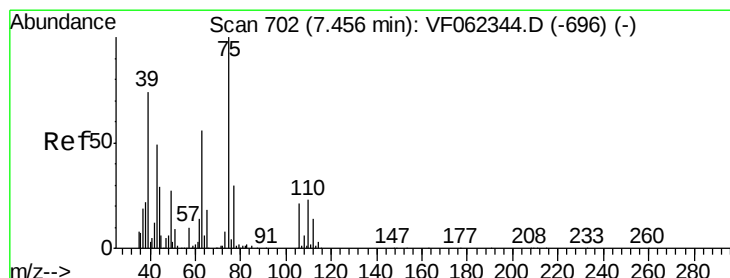
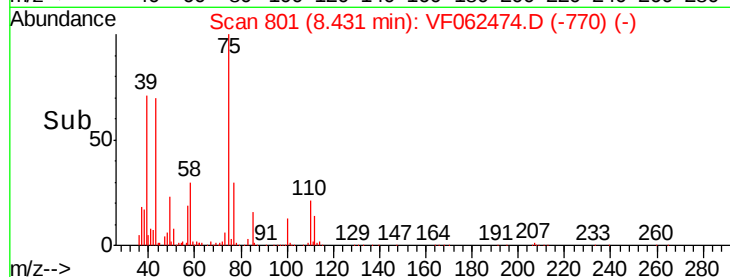
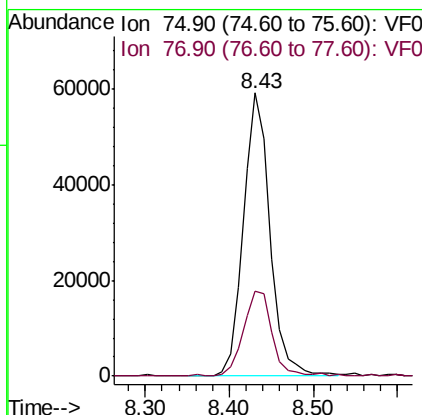
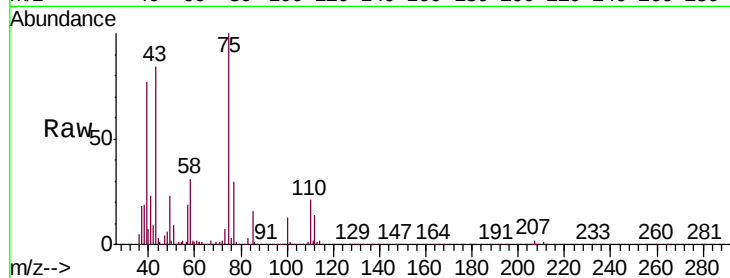
#53
t-1,3-Dichloropropene
Concen: 51.453 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 130392
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0

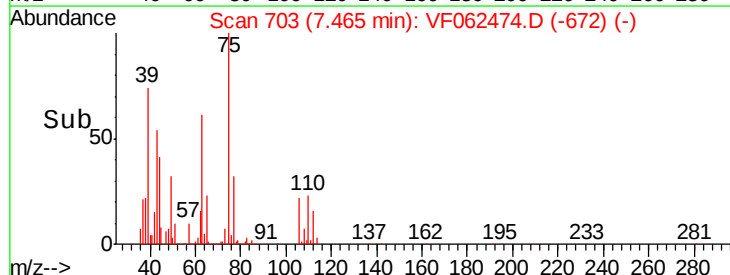
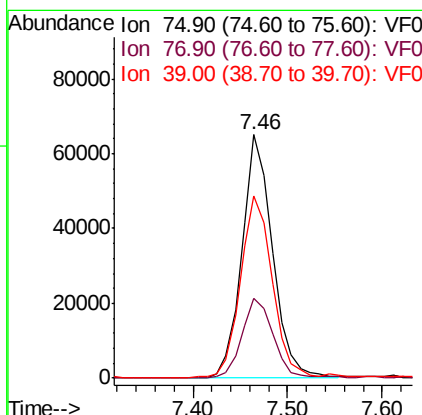
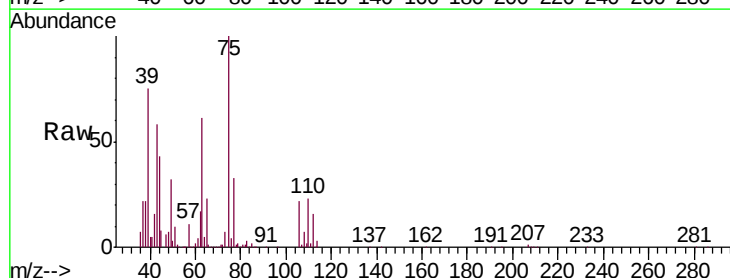
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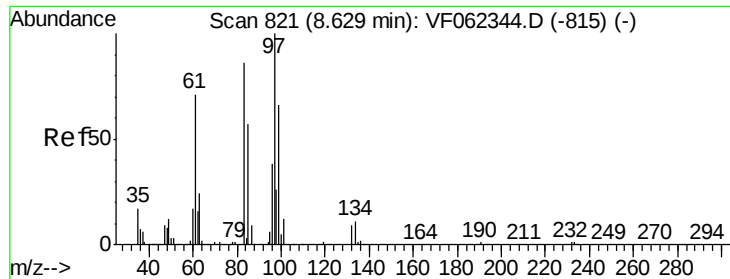
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#54
cis-1,3-Dichloropropene
Concen: 49.513 ug/l
RT: 7.46 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion: 75 Resp: 146029
Ion Ratio Lower Upper
75 100
77 32.5 24.0 36.0
39 74.7 58.7 88.1





#55

1,1,2-Trichloroethane

Concen: 54.250 ug/l

RT: 8.64 min Scan# 822

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

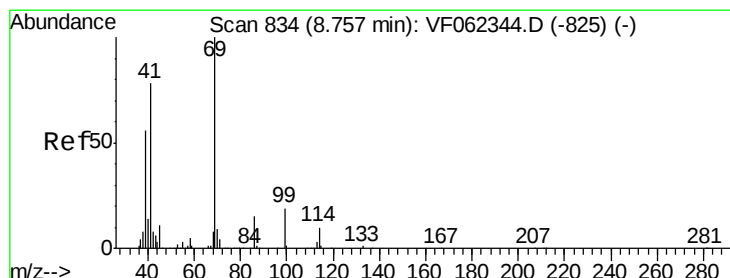
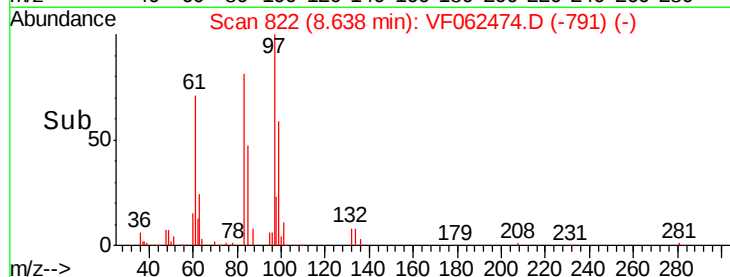
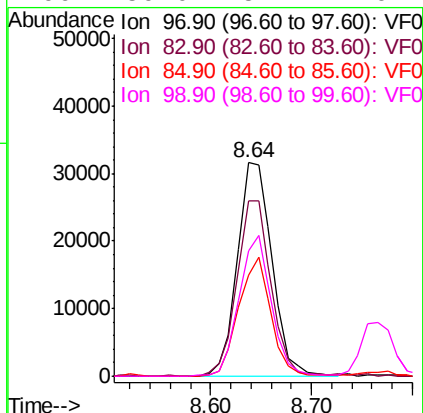
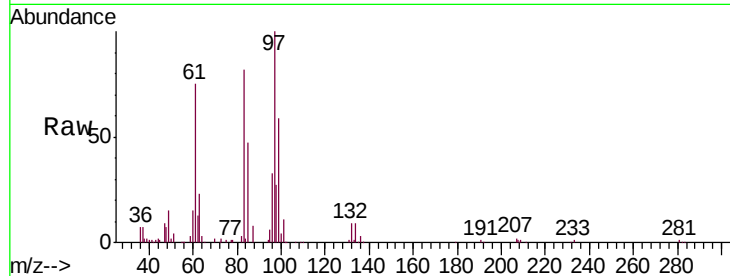
ClientSampleId :

VSTDCCC050

Tgt Ion:	97	Resp:	75816
Ion	Ratio	Lower	Upper
97	100		
83	82.0	68.5	102.7
85	47.3	45.4	68.2
99	59.0	52.7	79.1

Manual Integrations
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#56

Ethyl methacrylate

Concen: 49.324 ug/l

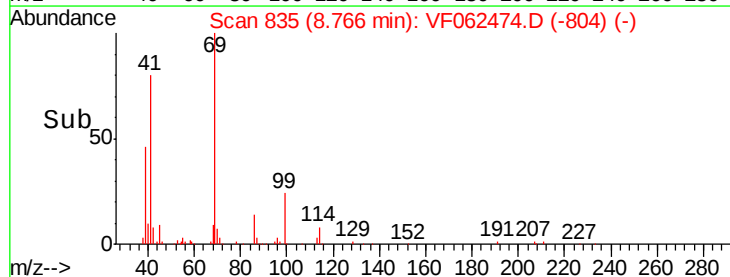
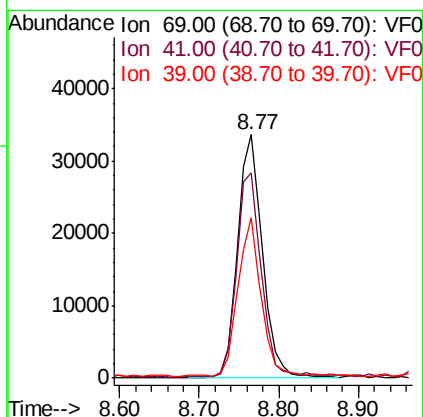
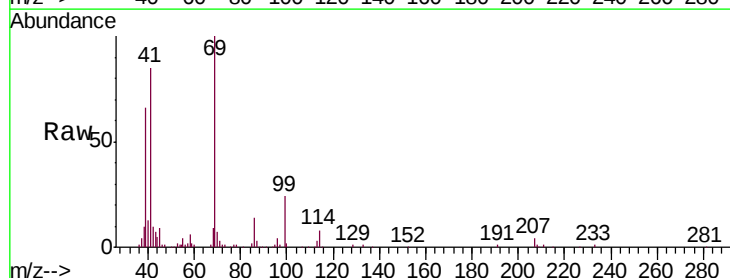
RT: 8.77 min Scan# 835

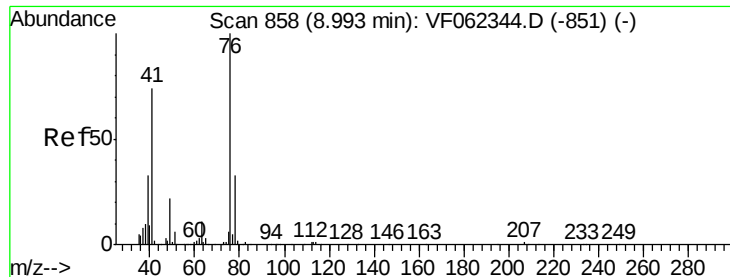
Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Tgt Ion:	69	Resp:	72765
Ion	Ratio	Lower	Upper
69	100		
41	83.5	66.3	99.5
39	60.9	50.1	75.1





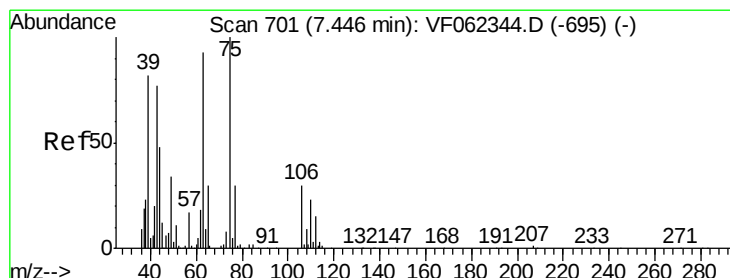
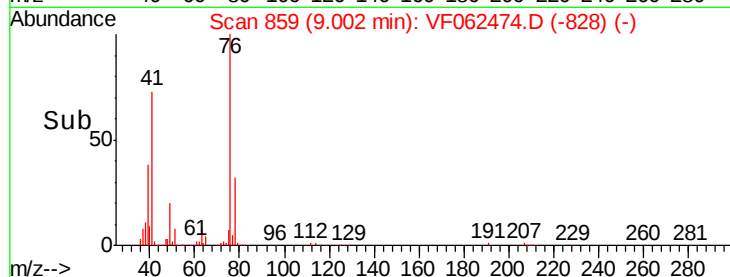
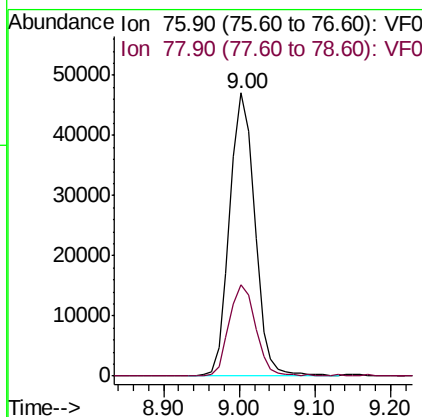
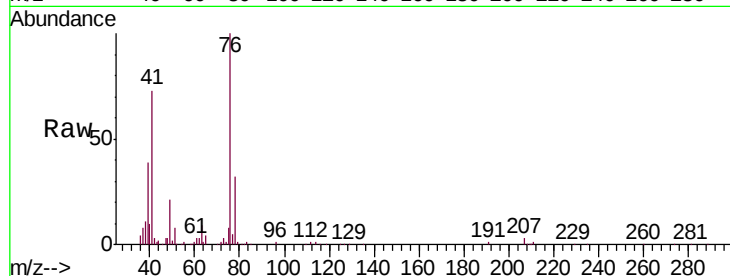
#57
 1,3-Dichloropropane
 Concen: 51.598 ug/l
 RT: 9.00 min Scan# 859
 Delta R.T. 0.01 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 108923
 Ion Ratio Lower Upper
 76 100
 78 34.0 26.4 39.6

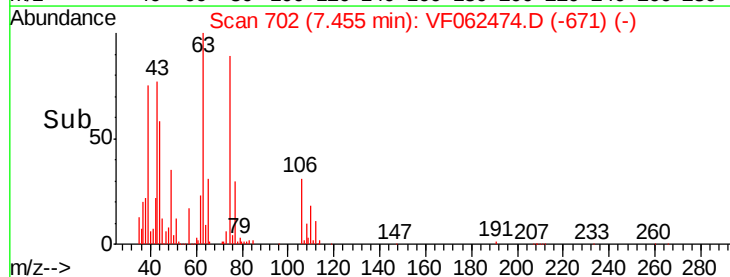
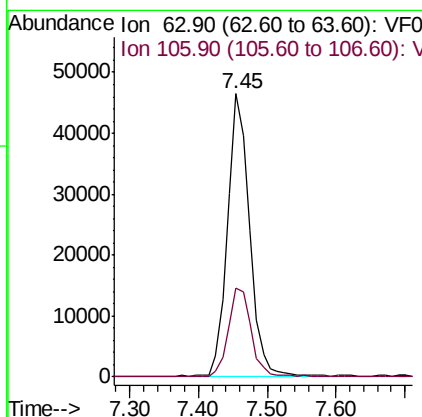
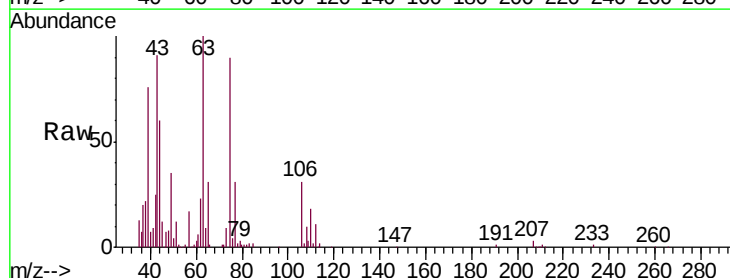
Manual Integrations
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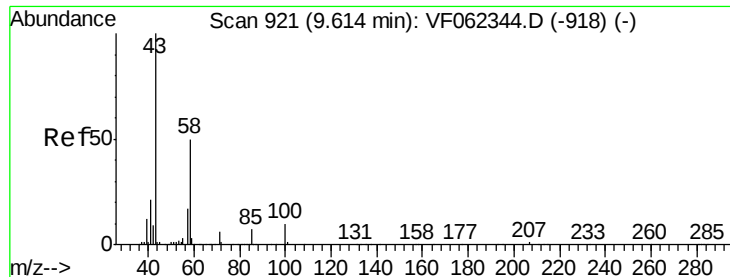
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#58
 2-Chloroethyl Vinyl ether
 Concen: 234.316 ug/l
 RT: 7.45 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Tgt Ion: 63 Resp: 103924
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.8 38.8





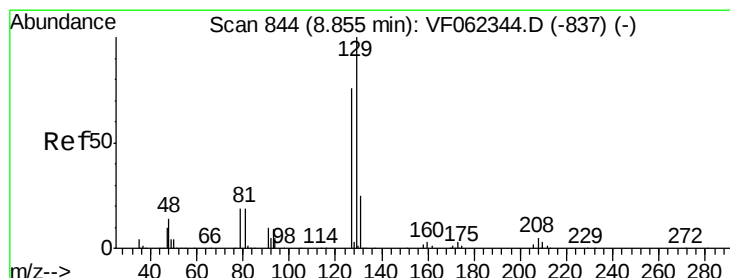
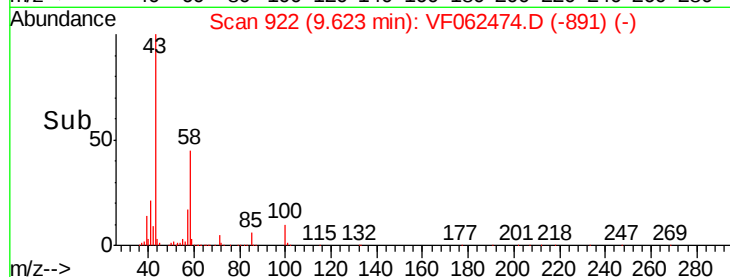
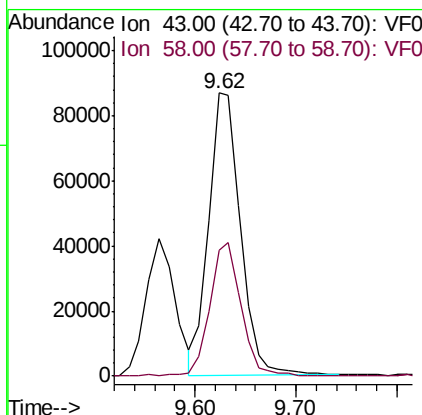
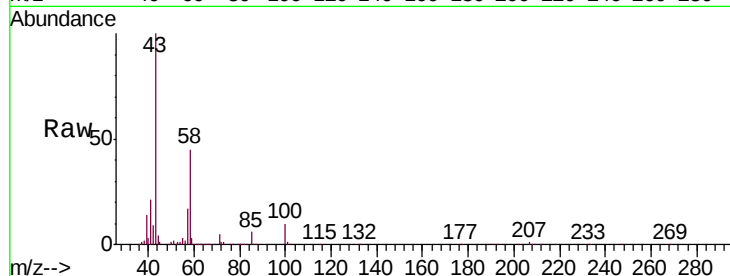
#59
2-Hexanone
Concen: 245.873 ug/l
RT: 9.62 min Scan# 922
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 189929
Ion Ratio Lower Upper
43 100
58 46.1 24.3 73.0

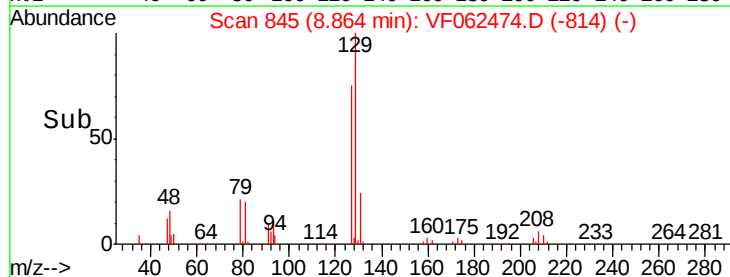
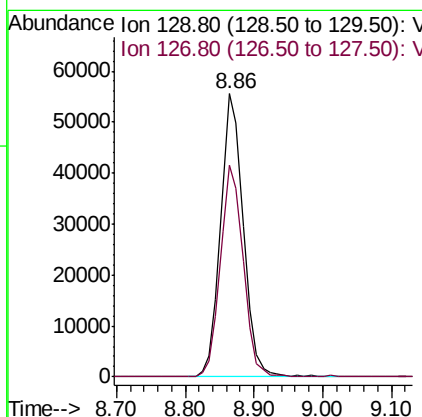
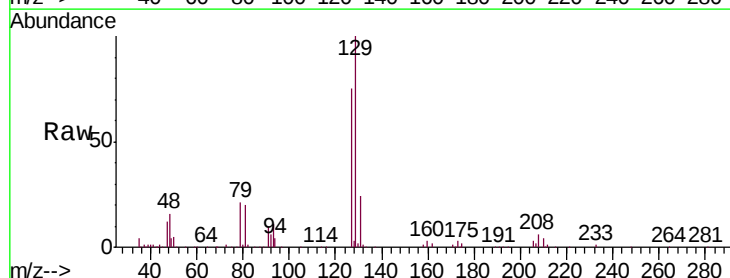
Manual Integrations
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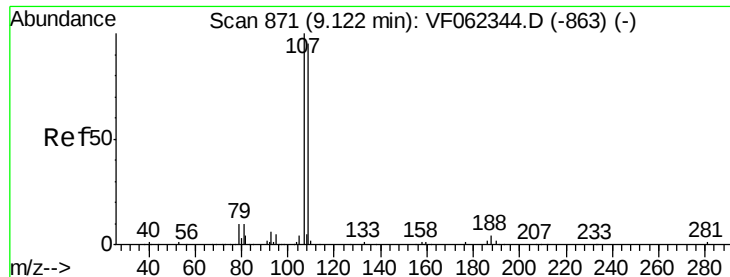
MMDadoda
5/12/2019 12:05:10 PM



#60
Dibromochloromethane
Concen: 55.384 ug/l
RT: 8.86 min Scan# 845
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion: 129 Resp: 126591
Ion Ratio Lower Upper
129 100
127 75.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.804 ug/l

RT: 9.14 min Scan# 873

Delta R.T. 0.02 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 86733

Ion Ratio Lower Upper

107 100

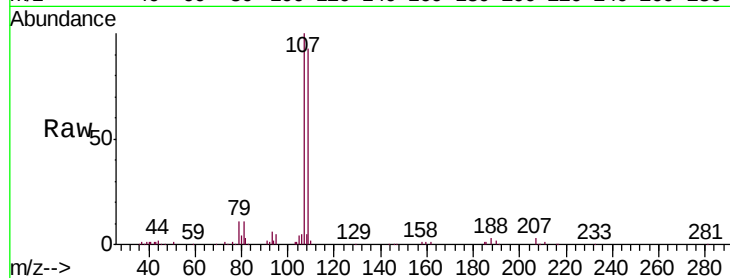
109 96.5 75.2 112.8

Manual Integrations

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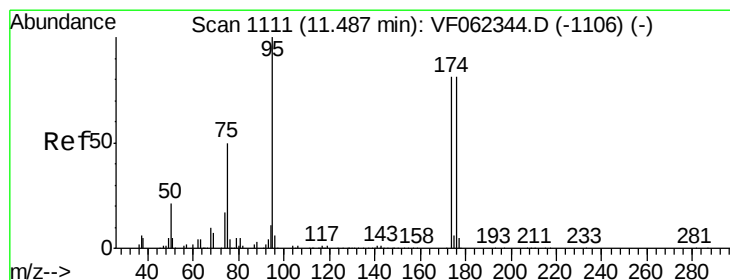
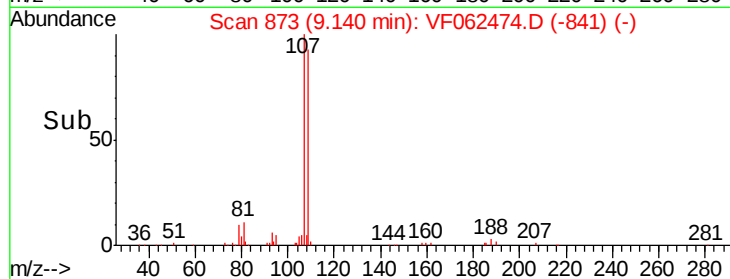
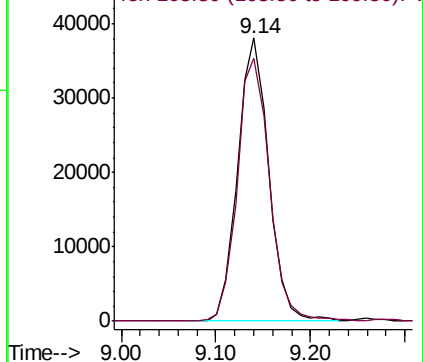
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.638 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

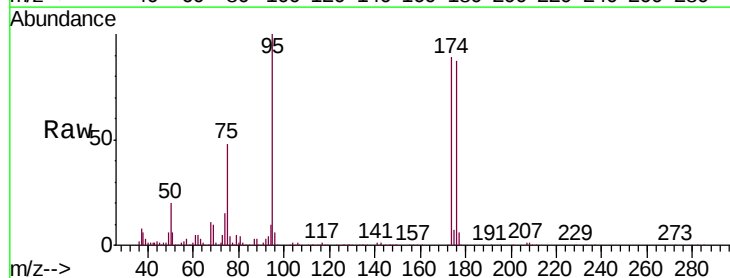
Tgt Ion: 95 Resp: 166209

Ion Ratio Lower Upper

95 100

174 99.1 0.0 191.8

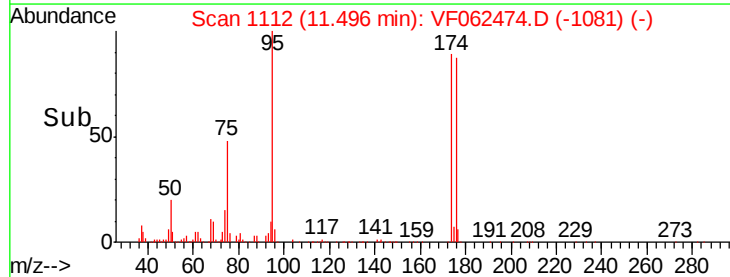
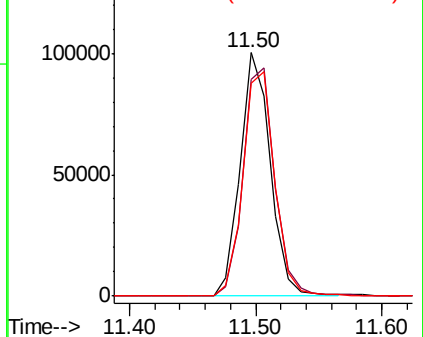
176 97.7 0.0 193.2

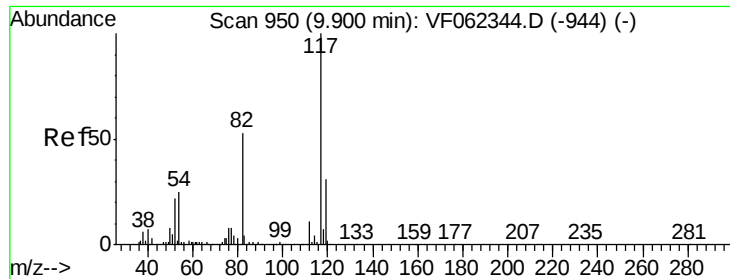


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





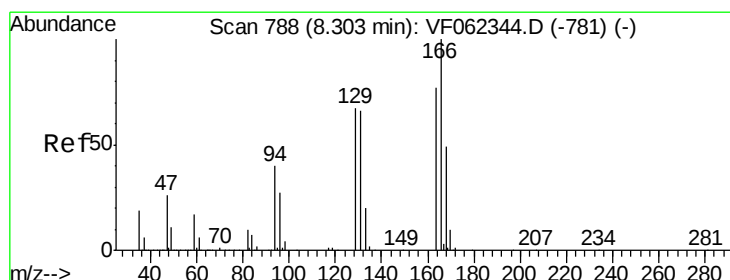
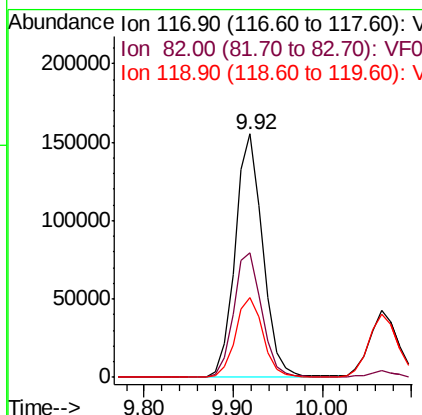
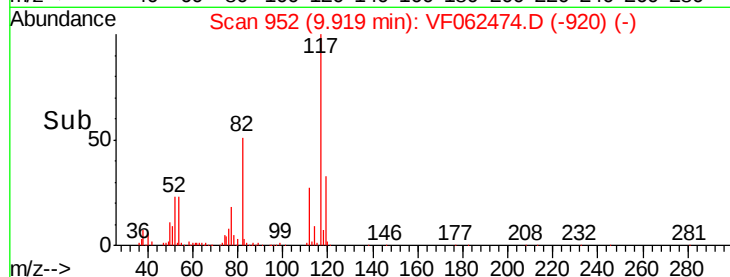
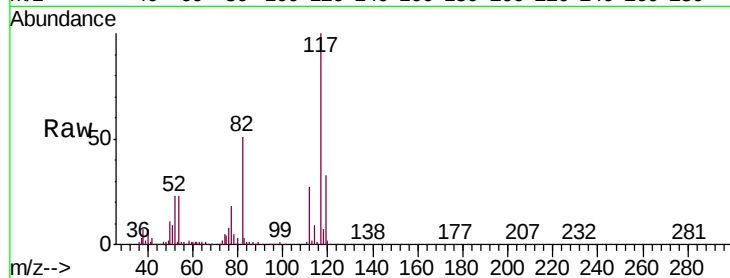
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	336619		
82	51.4	42.2	63.2	
119	32.6	25.0	37.4	

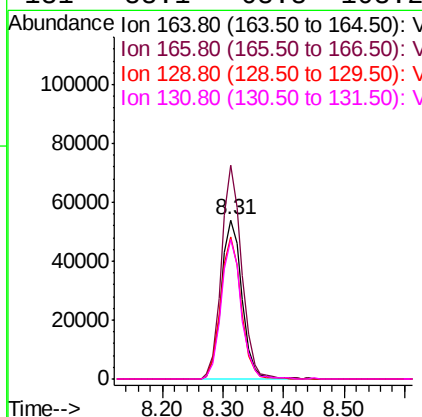
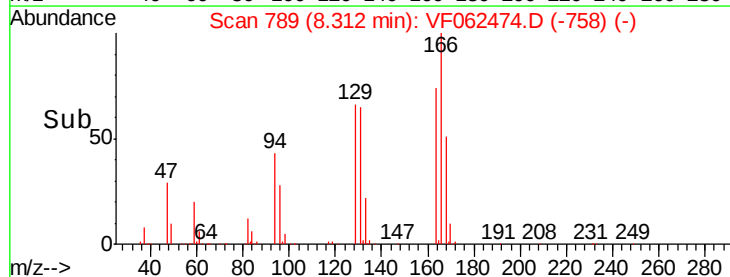
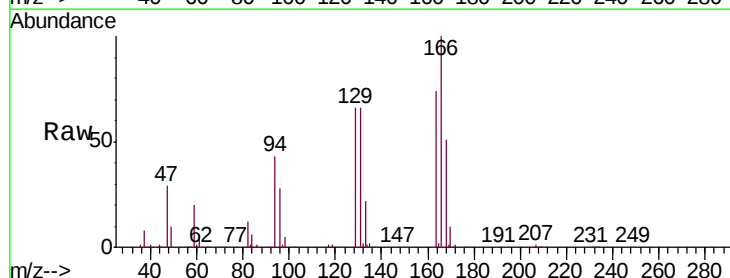
Manual Integrations
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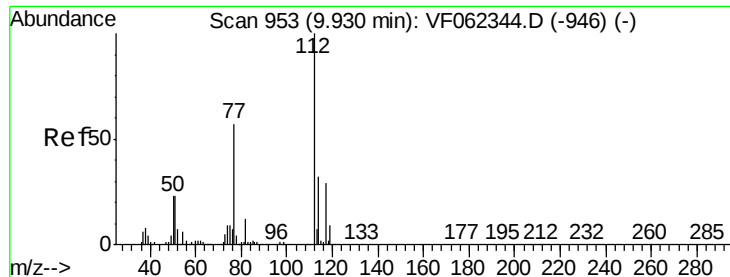
MMDadoda
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#64
Tetrachloroethene
Concen: 46.888 ug/l
RT: 8.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128134		
166	134.3	104.2	156.4	
129	89.0	69.6	104.4	
131	88.1	68.8	103.2	





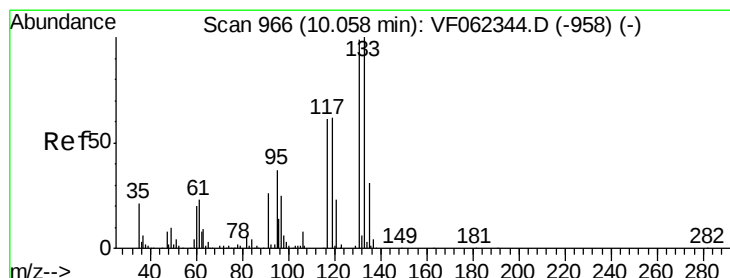
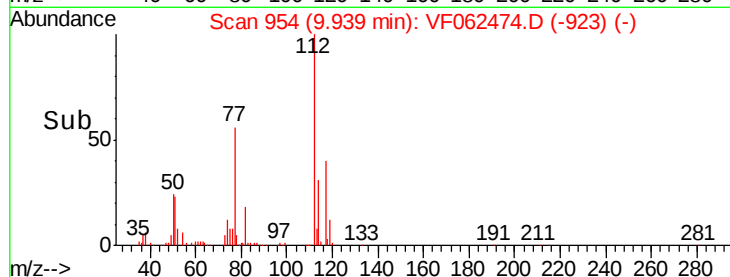
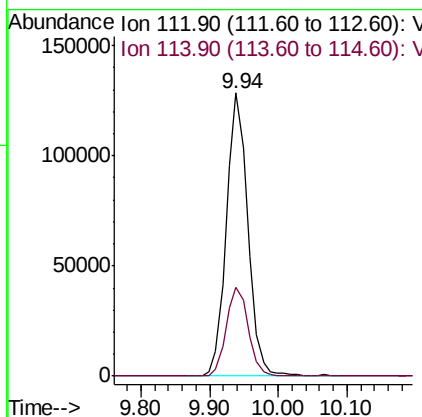
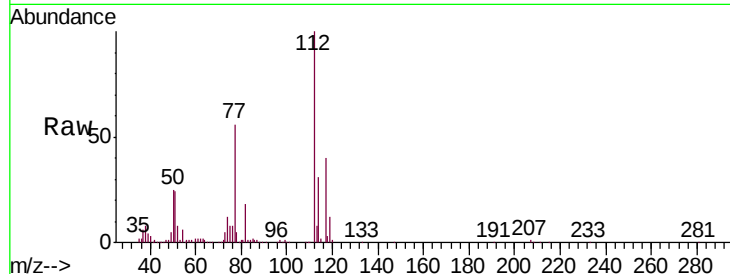
#65
Chlorobenzene
Concen: 49.940 ug/l
RT: 9.94 min Scan# 954
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 278145
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

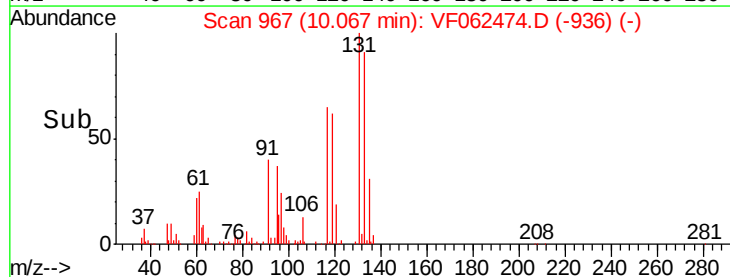
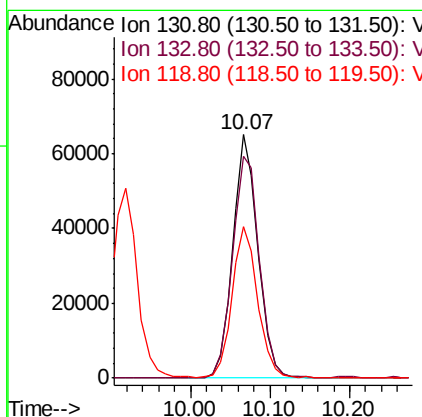
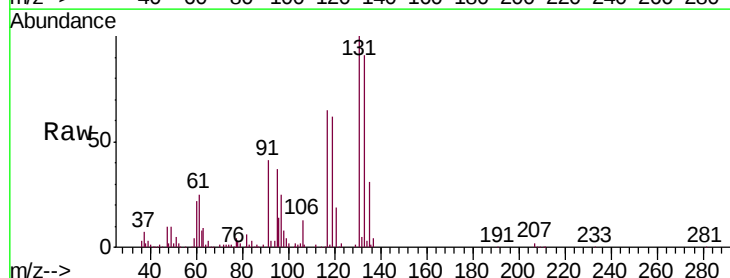
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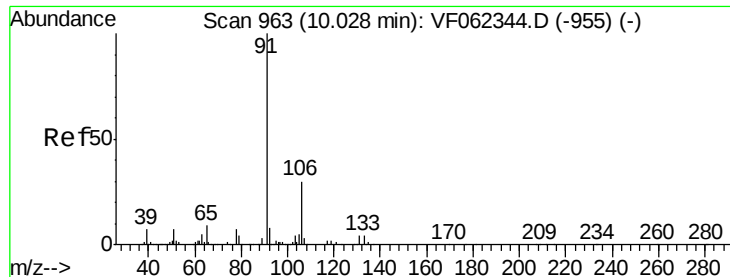
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.774 ug/l
RT: 10.07 min Scan# 967
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion:131 Resp: 142657
Ion Ratio Lower Upper
131 100
133 98.4 50.2 150.7
119 63.2 31.6 95.0





#67

Ethyl Benzene

Concen: 49.350 ug/l

RT: 10.04 min Scan# 964

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 481304

Ion Ratio Lower Upper

91 100

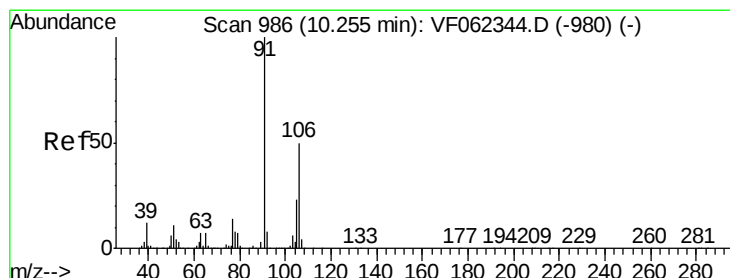
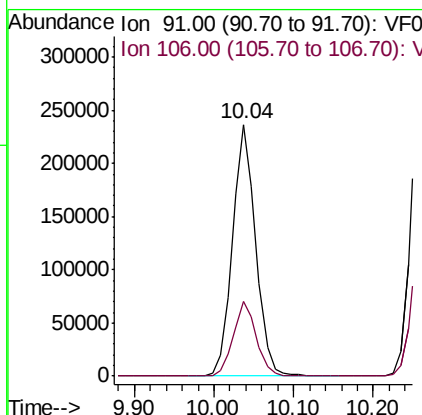
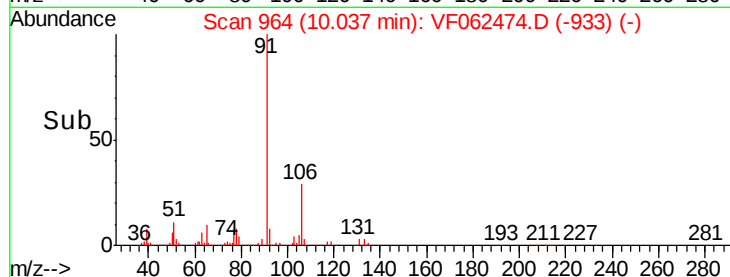
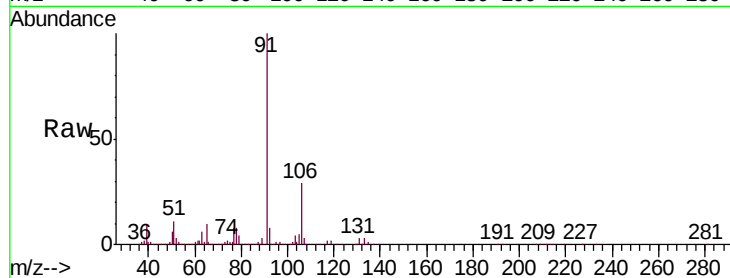
106 29.5 24.1 36.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.014 ug/l

RT: 10.26 min Scan# 987

Delta R.T. 0.01 min

Lab File: VF062474.D

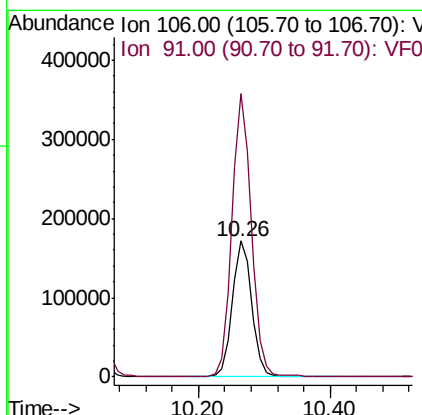
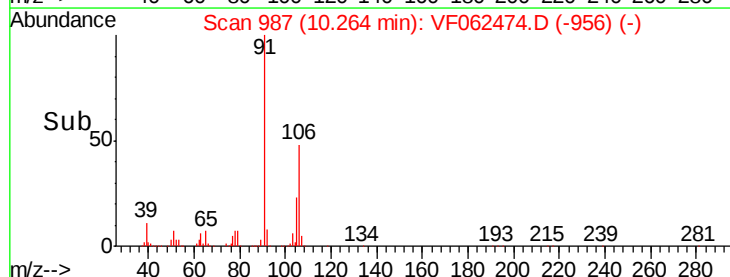
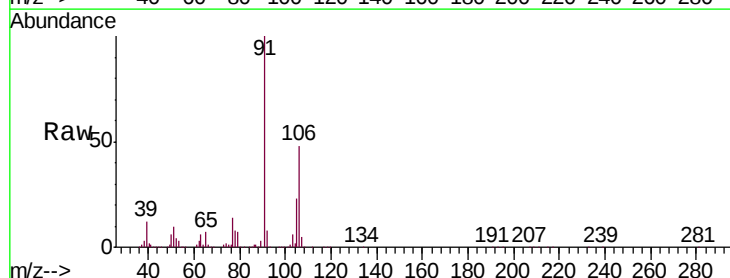
Acq: 11 May 2019 22:43

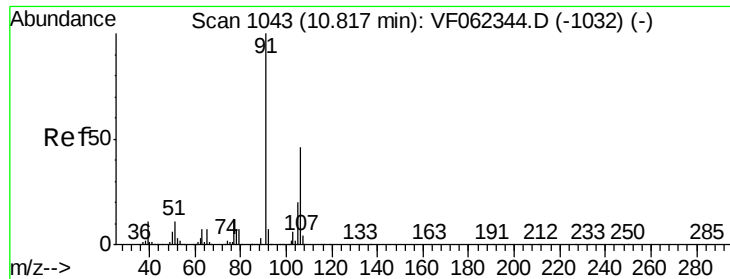
Tgt Ion: 106 Resp: 356293

Ion Ratio Lower Upper

106 100

91 207.4 167.4 251.2





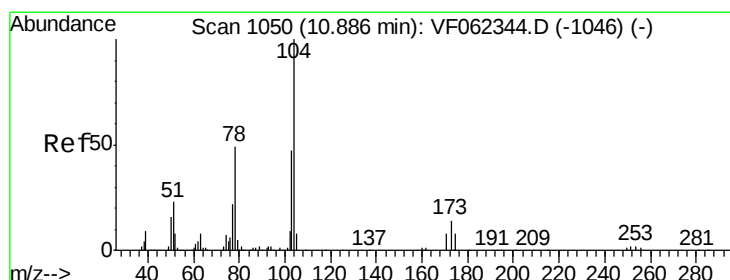
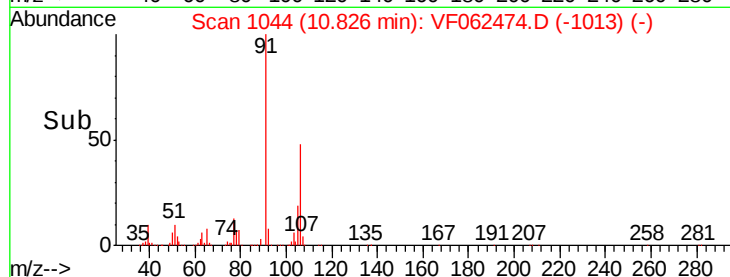
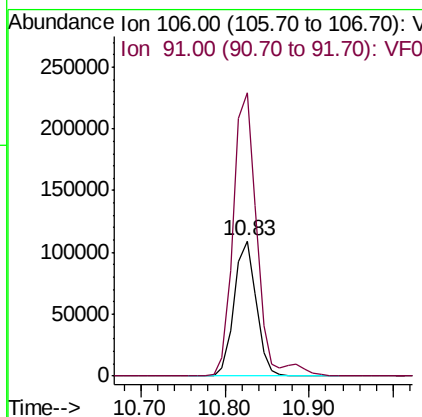
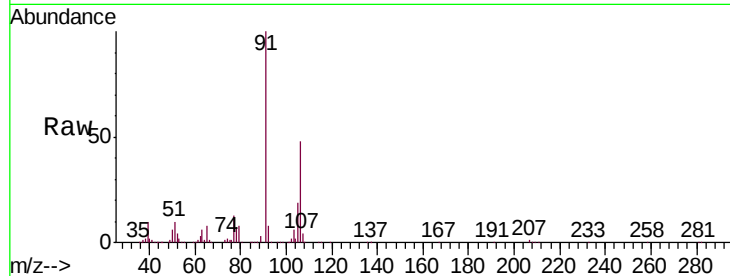
#69
o-Xylene
Concen: 51.773 ug/l
RT: 10.83 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 201311
Ion Ratio Lower Upper
106 100
91 215.9 111.3 333.8

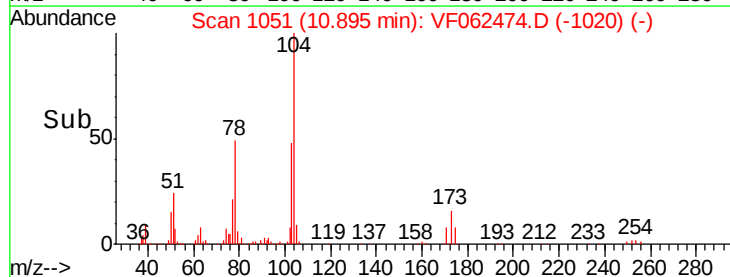
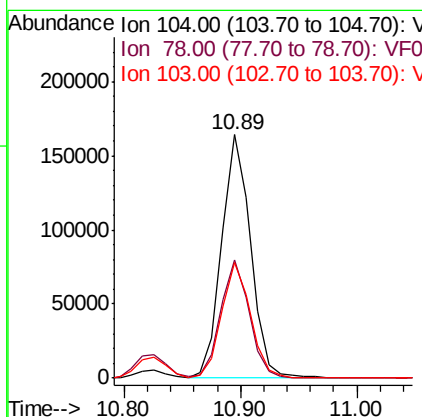
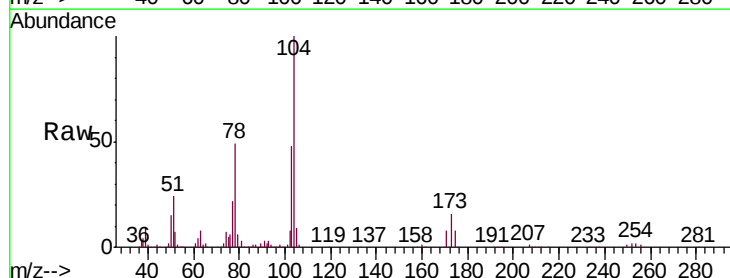
Manual Integrations
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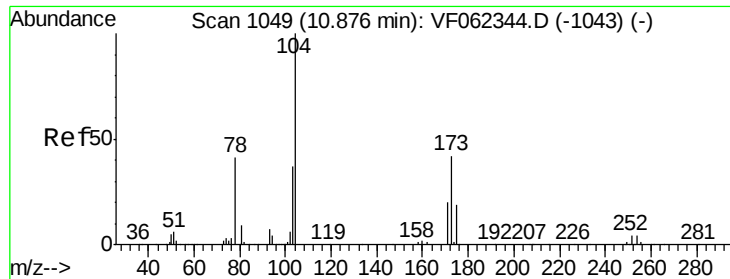
MMDadoda
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#70
Styrene
Concen: 48.299 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion:104 Resp: 281464
Ion Ratio Lower Upper
104 100
78 48.1 39.5 59.3
103 48.2 38.4 57.6





#71

Bromoform

Concen: 49.647 ug/l

RT: 10.89 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

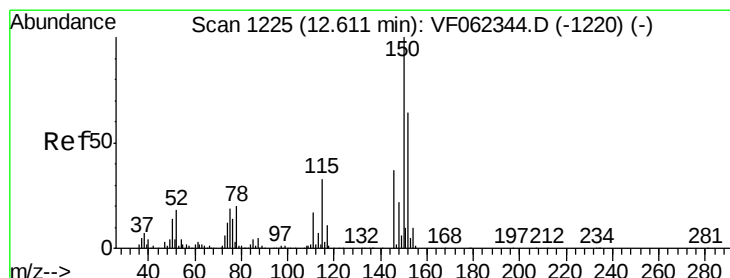
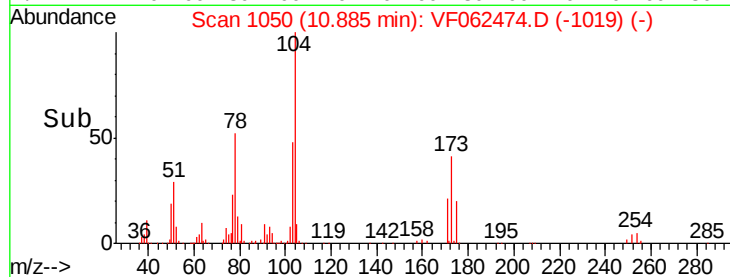
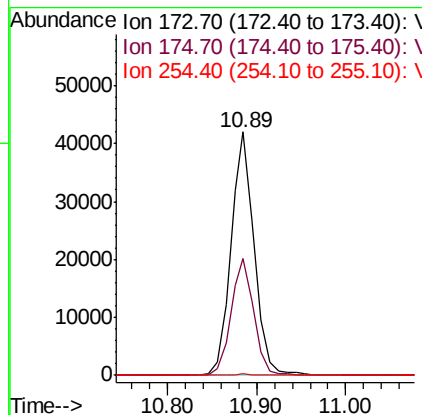
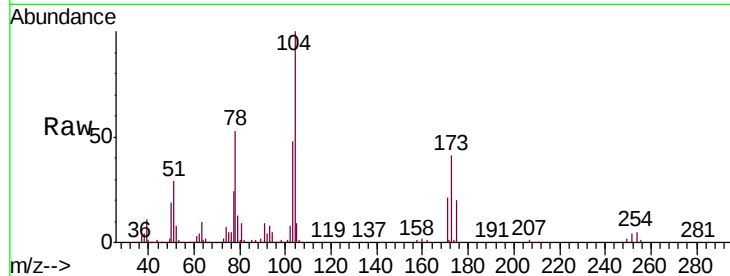
ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 76422
 Ion Ratio Lower Upper
 173 100
 175 47.2 23.8 71.2
 254 0.2 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

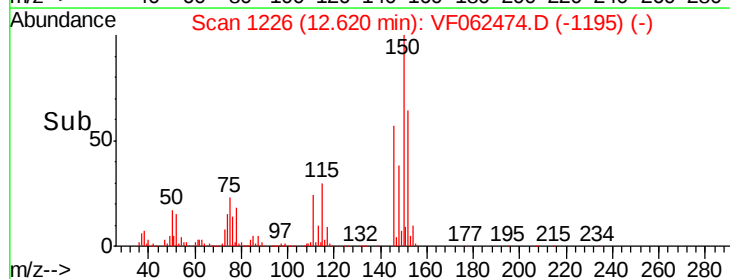
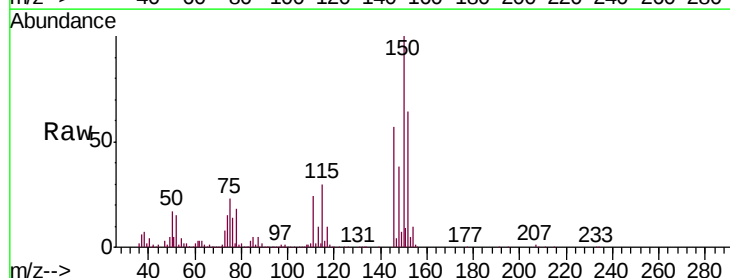
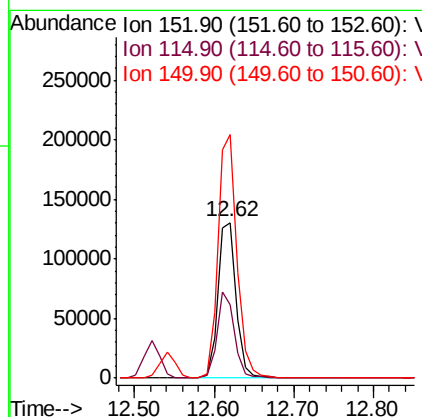
RT: 12.62 min Scan# 1226

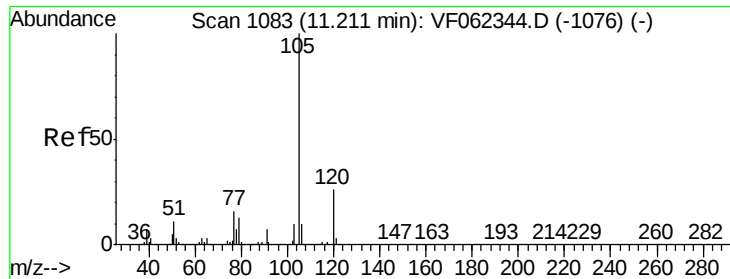
Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Tgt Ion:152 Resp: 211242
 Ion Ratio Lower Upper
 152 100
 115 52.2 26.4 79.2
 150 162.6 0.0 335.0





#73

Isopropylbenzene

Concen: 48.358 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 605603

Ion Ratio Lower Upper

105 100

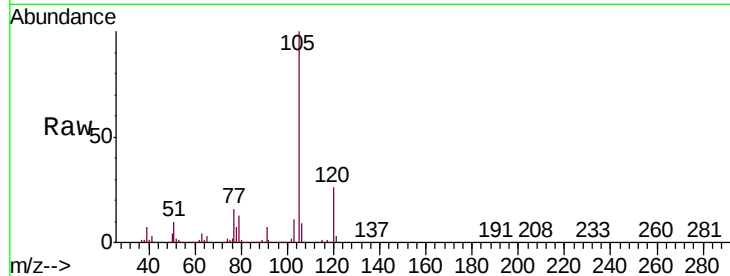
120 25.6 12.7 38.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

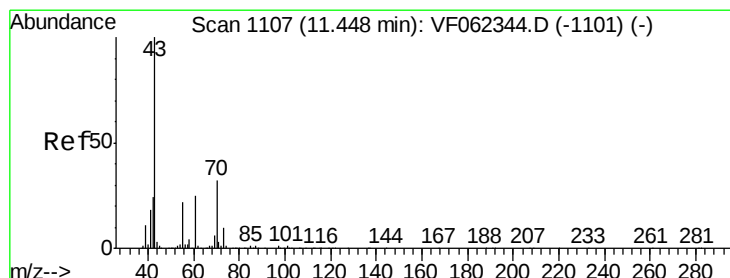
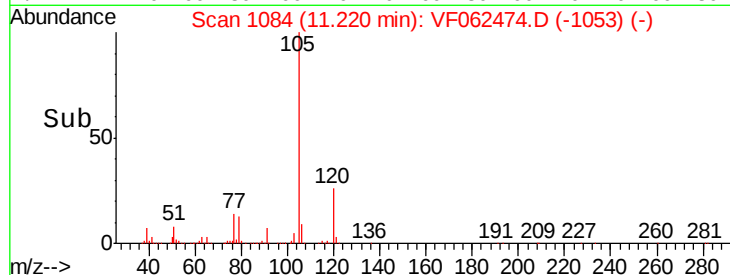
100000

0

Time-->

11.10 11.20 11.30 11.40

11.22



#74

N-ethyl acetate

Concen: 47.025 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Tgt Ion: 43 Resp: 126430

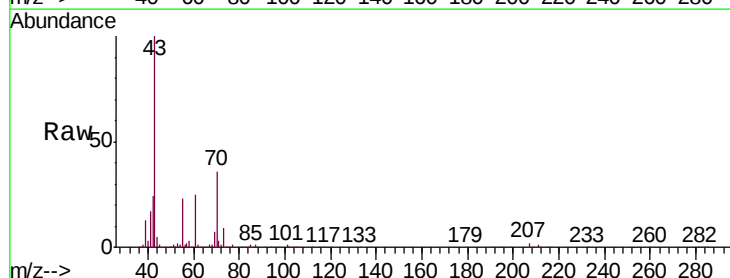
Ion Ratio Lower Upper

43 100

70 34.5 26.5 39.7

55 22.5 17.8 26.6

61 24.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

100000

80000

60000

40000

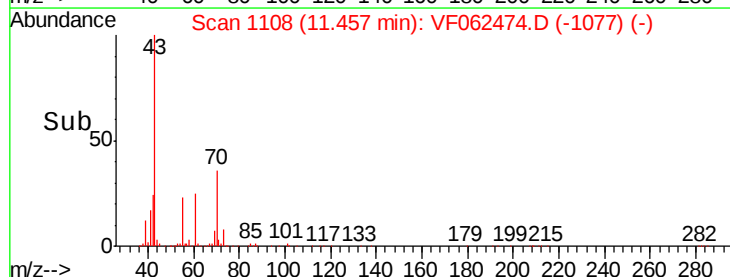
20000

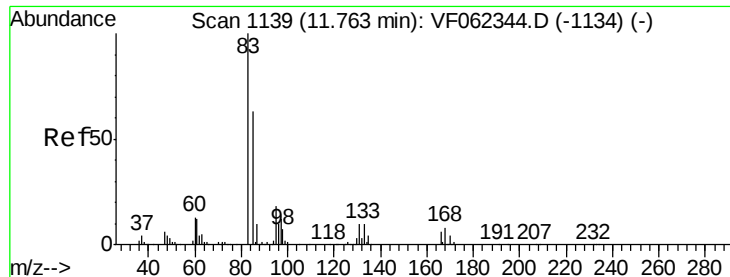
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Time-->

11.40 11.60

11.46





#75

1,1,2,2-Tetrachloroethane

Concen: 48.709 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

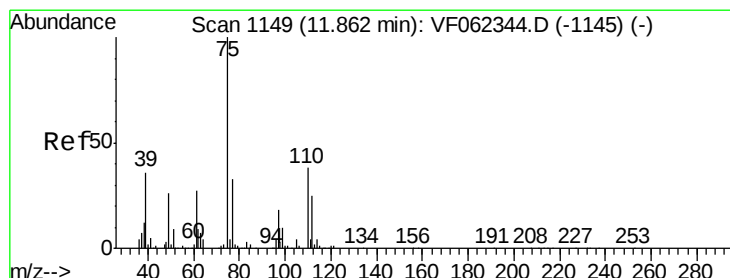
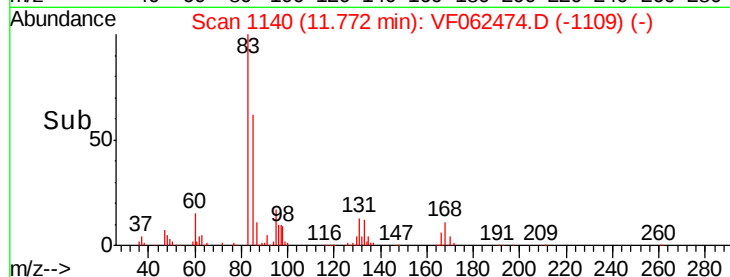
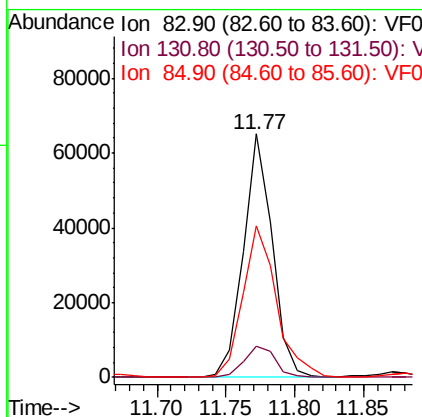
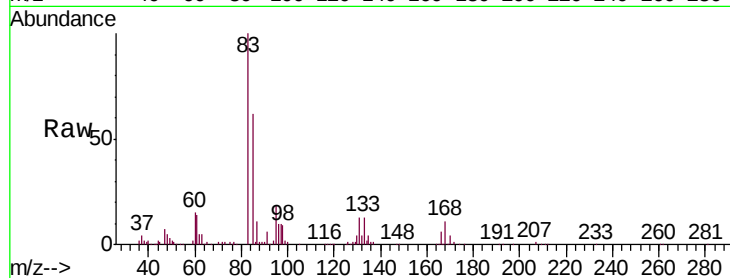
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	95510
Ion Ratio	Lower	Upper	
83	100		
131	13.7	5.8	17.4
85	73.2	35.3	105.7

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#76

1,2,3-Trichloropropane

Concen: 49.092 ug/l

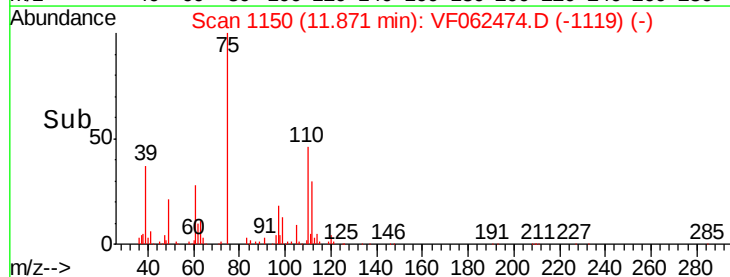
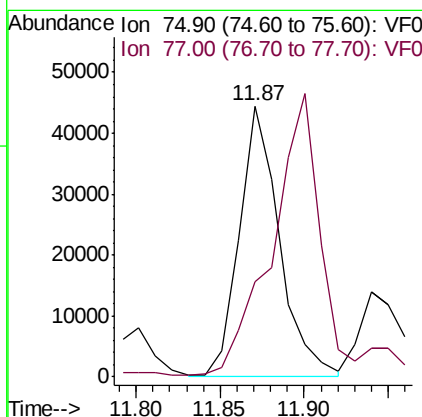
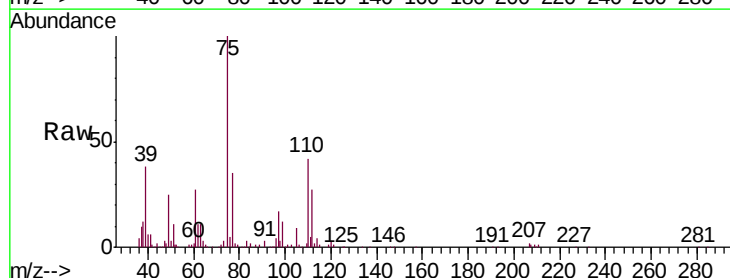
RT: 11.87 min Scan# 1150

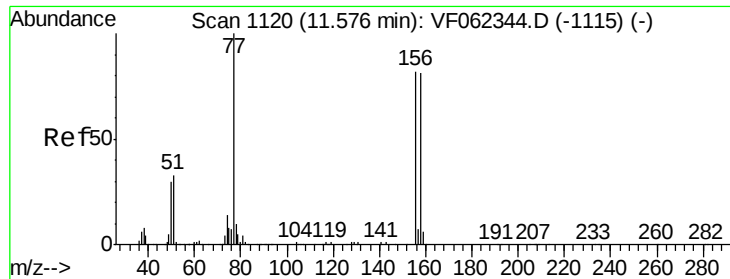
Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Tgt Ion:	75	Resp:	73441
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





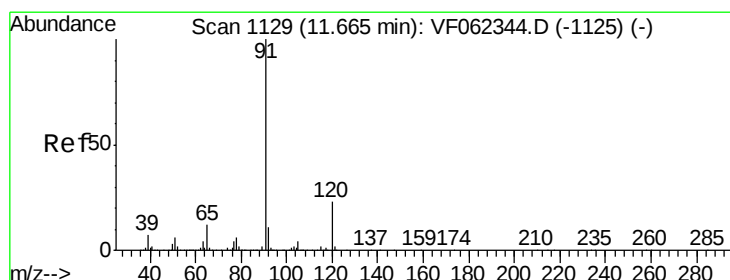
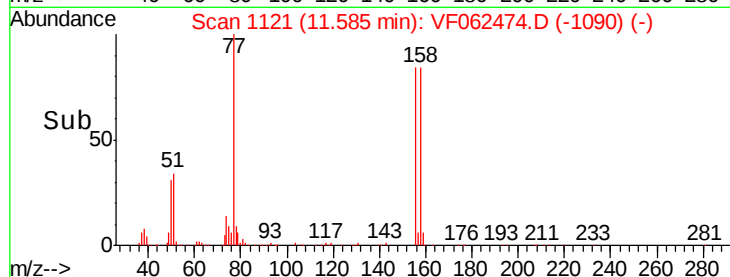
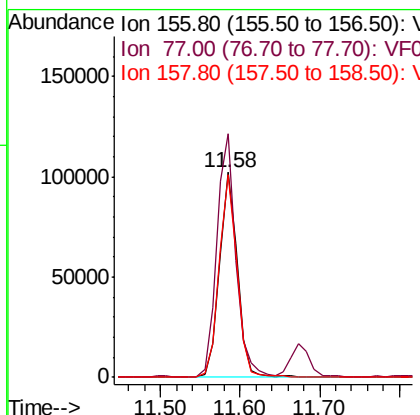
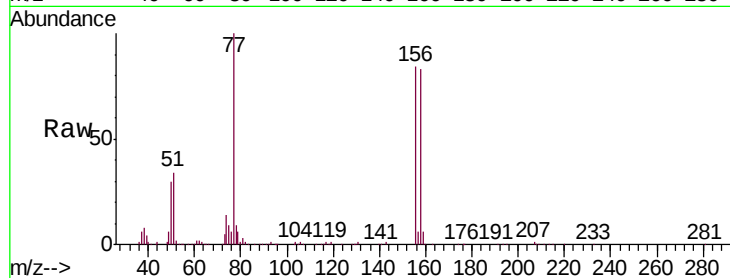
#77
Bromobenzene
Concen: 49.660 ug/l
RT: 11.58 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	163216		
77	125.8	64.8	194.3	
158	98.9	49.1	147.3	

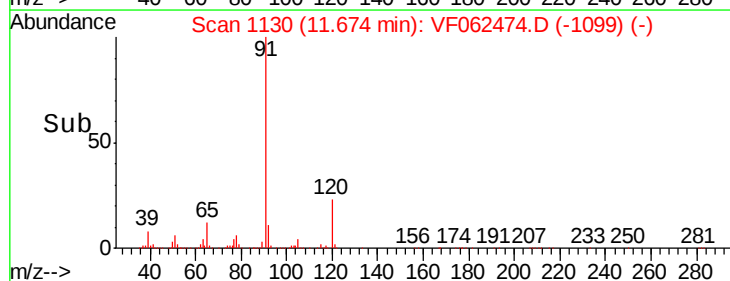
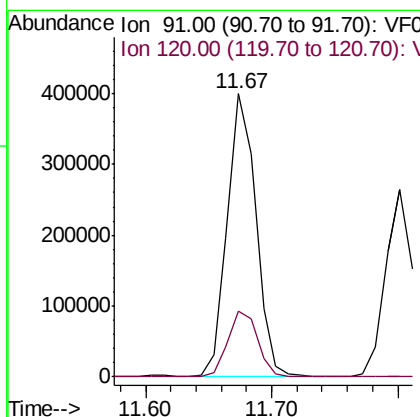
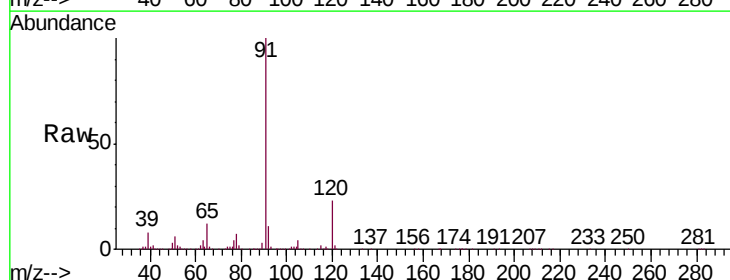
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#78
n-propylbenzene
Concen: 47.181 ug/l
RT: 11.67 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	629056		
120	24.2	11.9	35.5	





#79

2-Chlorotoluene

Concen: 48.671 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VF062474.D

Acq: 11 May 2019 22:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 403514

Ion Ratio Lower Upper

91 100

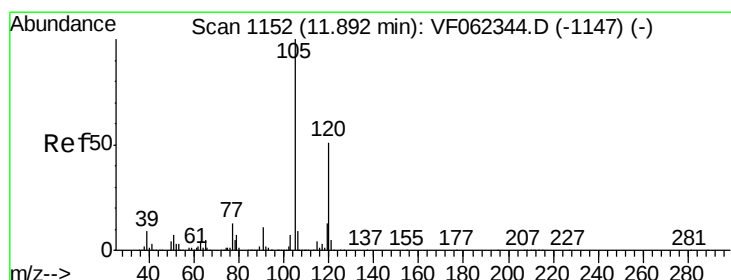
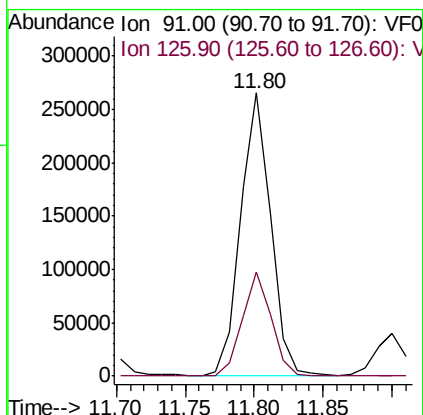
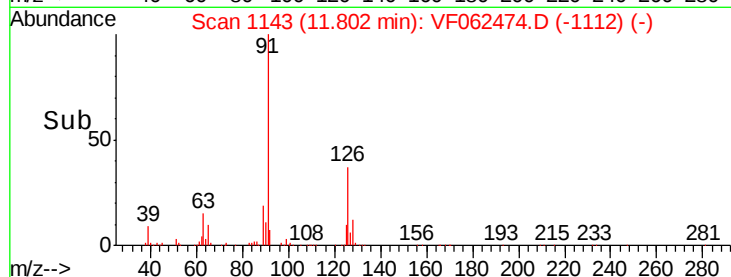
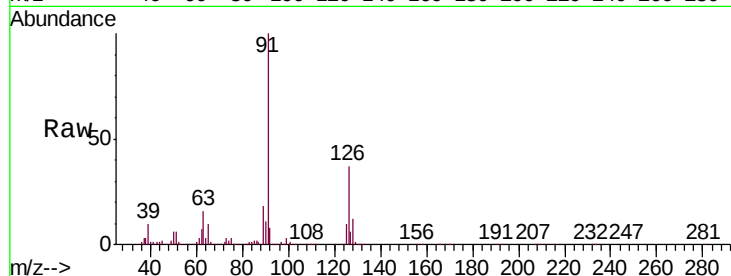
126 35.9 17.8 53.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.924 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VF062474.D

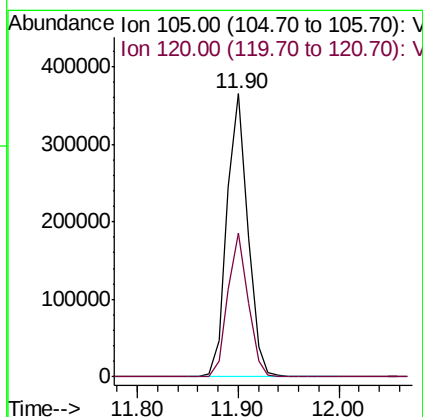
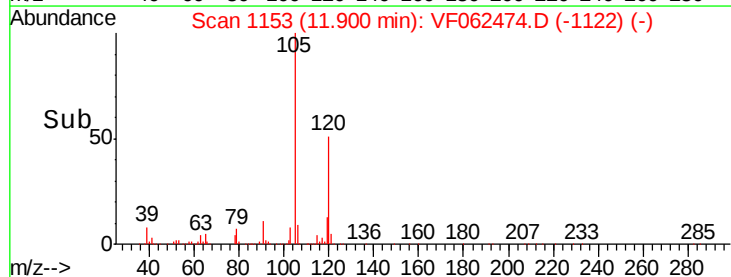
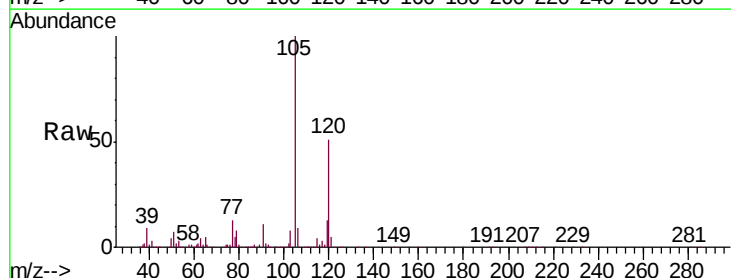
Acq: 11 May 2019 22:43

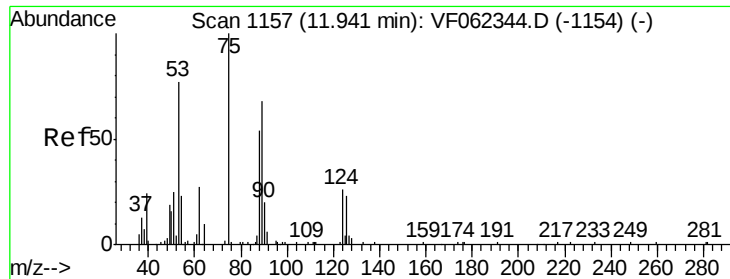
Tgt Ion: 105 Resp: 526043

Ion Ratio Lower Upper

105 100

120 49.7 24.6 74.0





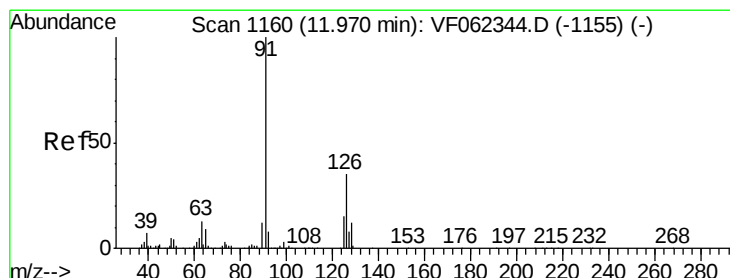
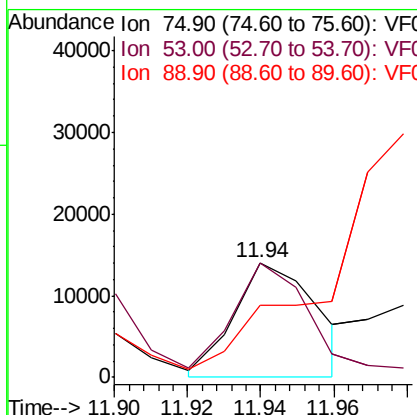
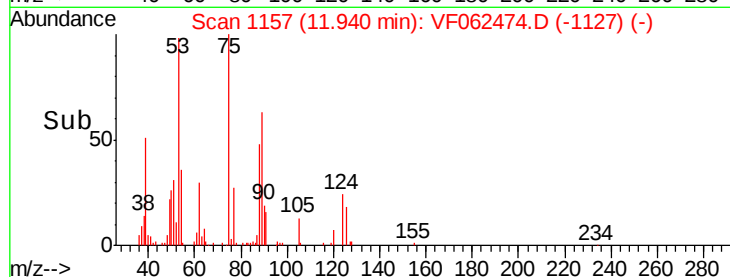
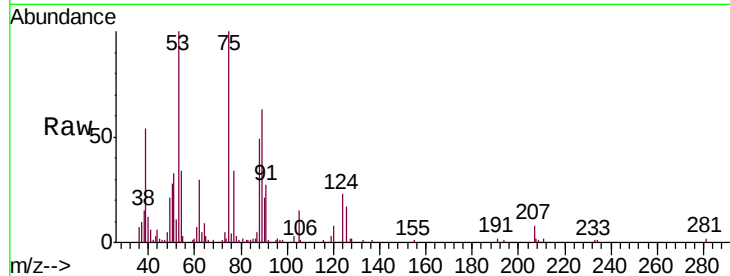
#81
trans-1,4-Dichloro-2-butene
Concen: 39.605 ug/l m
RT: 11.94 min Scan# 1157
Delta R.T. -0.00 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.8	71.9	107.9
89	0.0	0.0	0.0

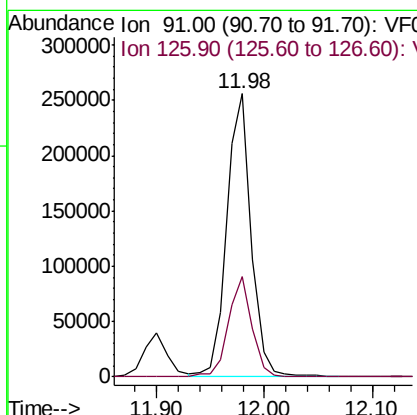
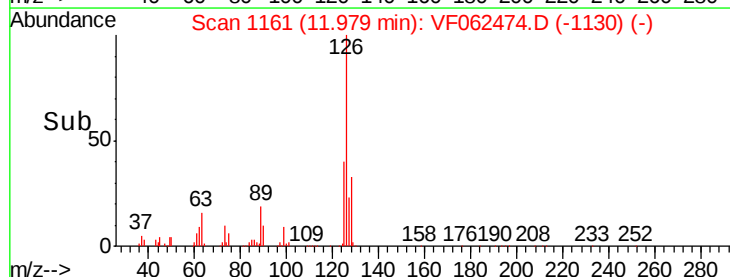
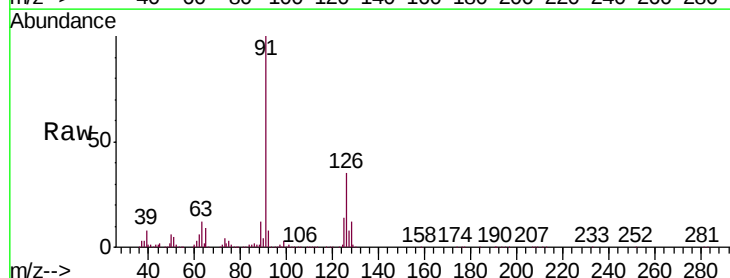
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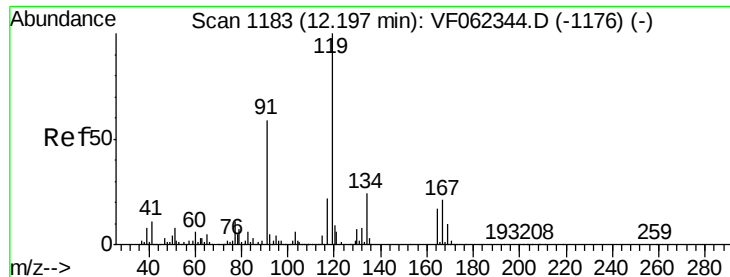
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#82
4-Chlorotoluene
Concen: 48.362 ug/l
RT: 11.98 min Scan# 1161
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.7	53.1





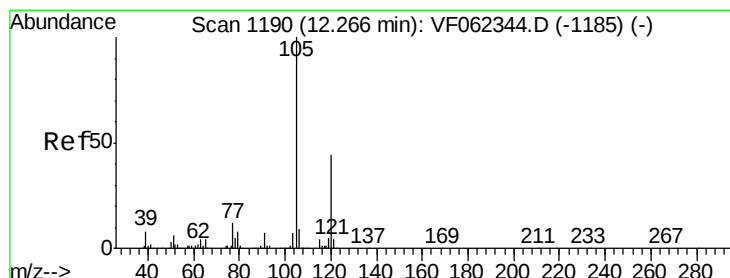
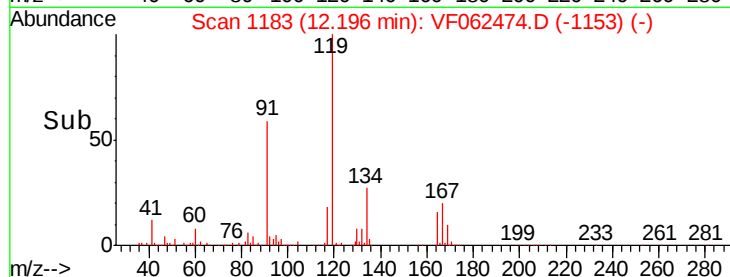
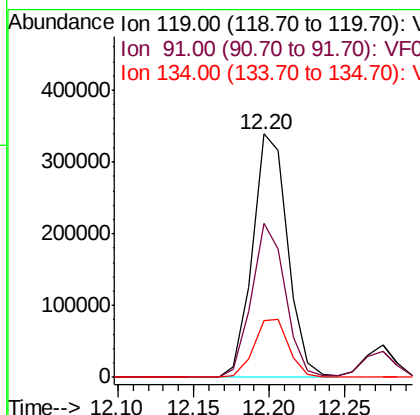
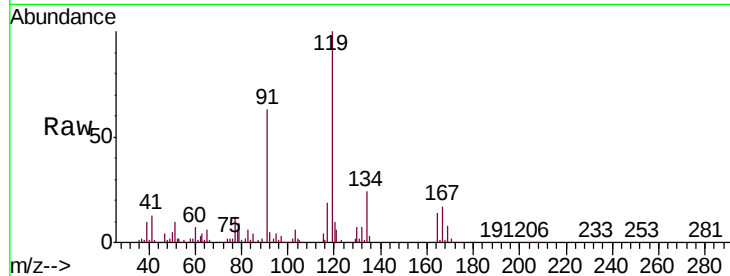
#83
 tert-Butylbenzene
 Concen: 47.657 ug/l
 RT: 12.20 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	549753		
91	60.6	30.4	91.3	
134	23.9	11.9	35.7	

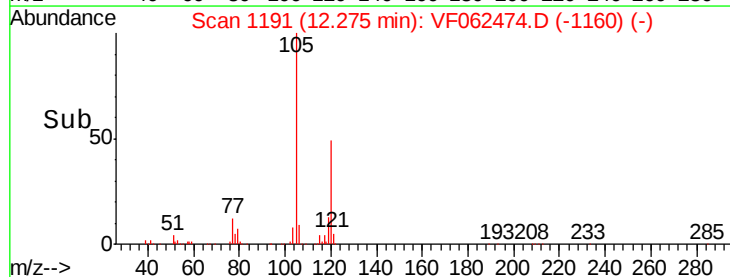
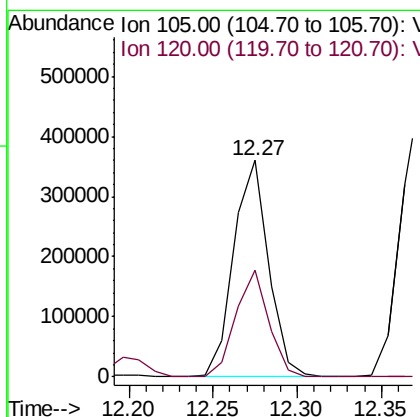
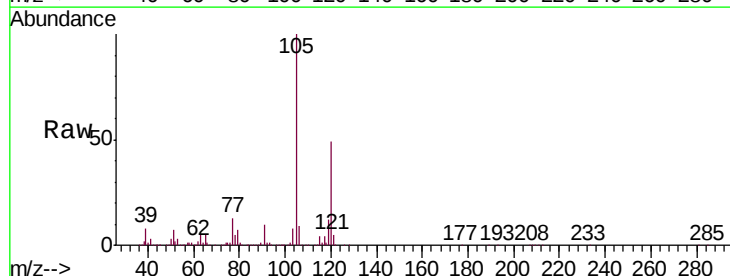
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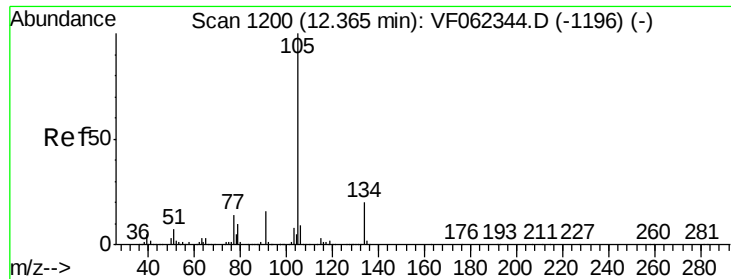
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.182 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	517555		
120	47.0	22.6	67.7	





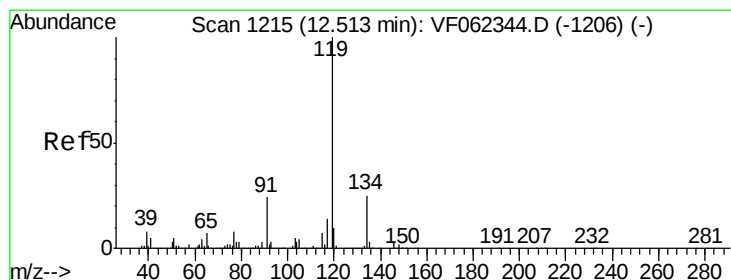
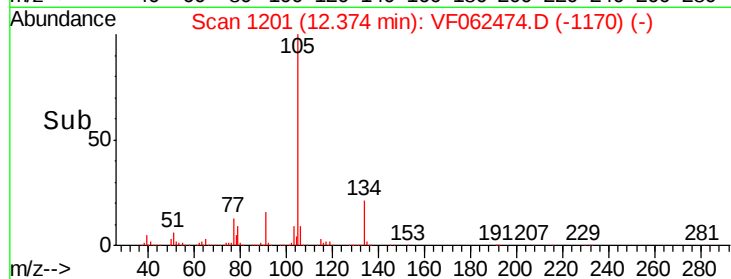
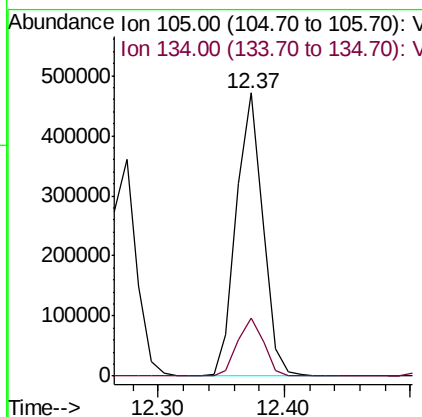
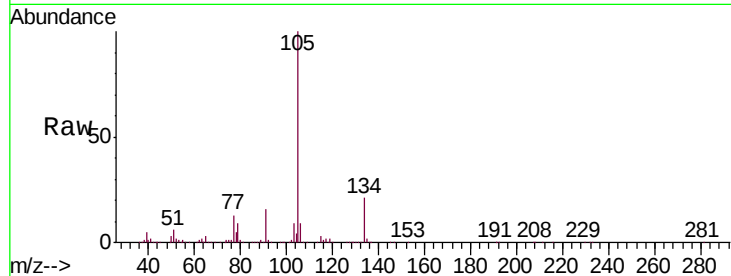
#85
 sec-Butylbenzene
 Concen: 48.922 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	686917		
134	20.5	9.8	29.5	

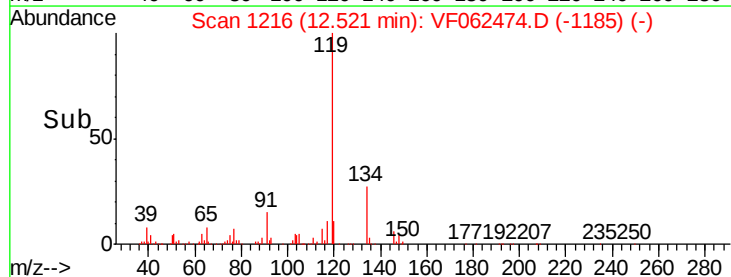
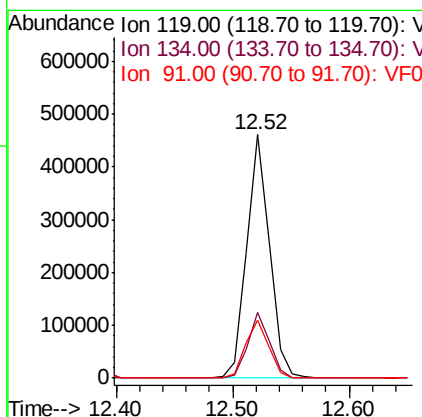
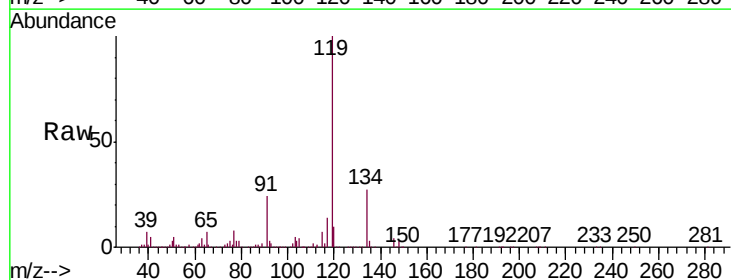
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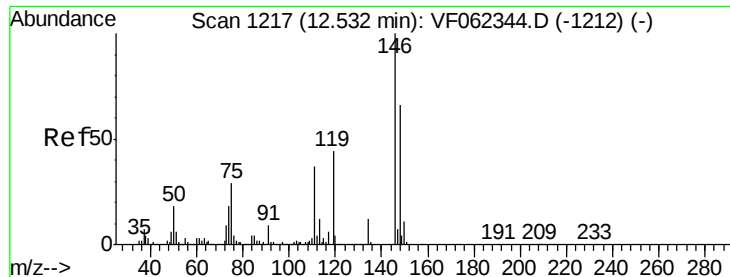
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#86
 p-Isopropyltoluene
 Concen: 47.679 ug/l
 RT: 12.52 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	621998		
134	26.2	12.9	38.7	
91	24.3	12.3	36.8	





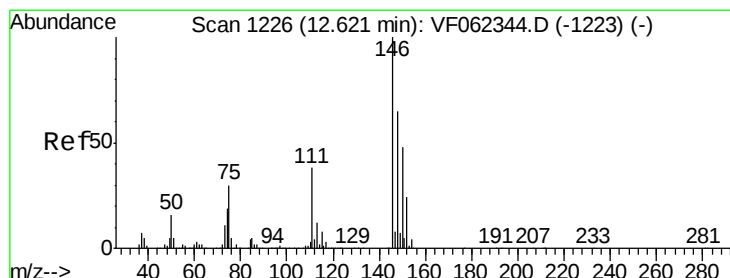
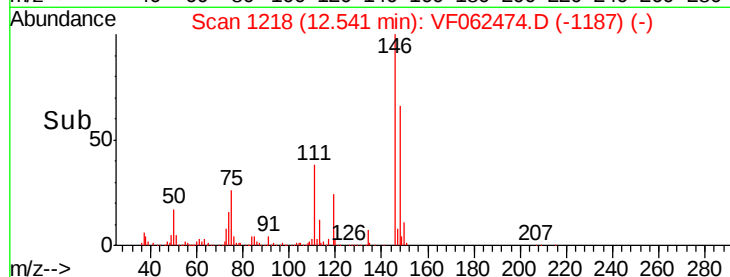
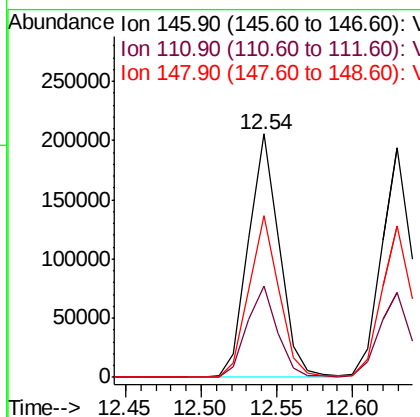
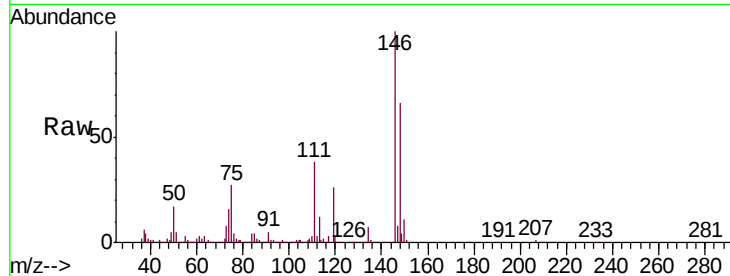
#87
 1,3-Dichlorobenzene
 Concen: 49.110 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.3	54.8
148	64.9	32.3	96.9

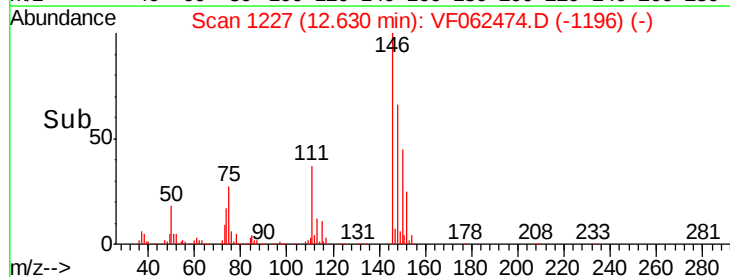
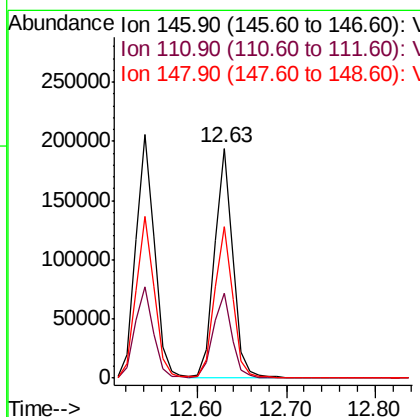
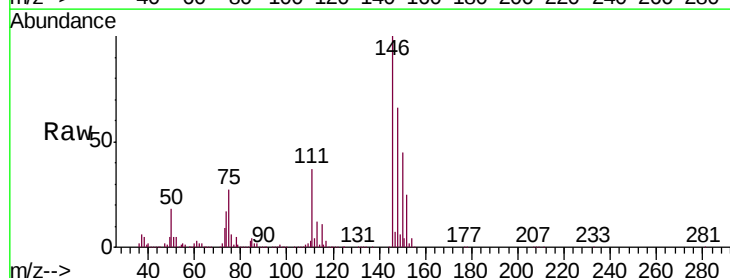
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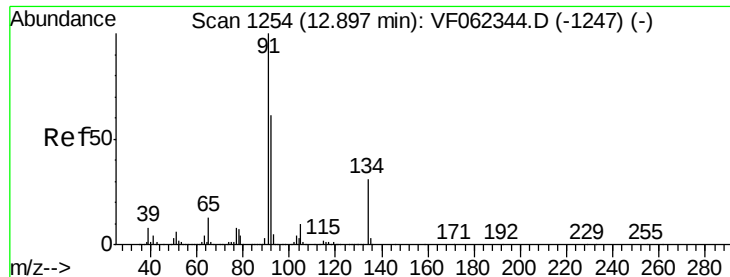
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#88
 1,4-Dichlorobenzene
 Concen: 47.942 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.8	56.3
148	66.2	32.2	96.6





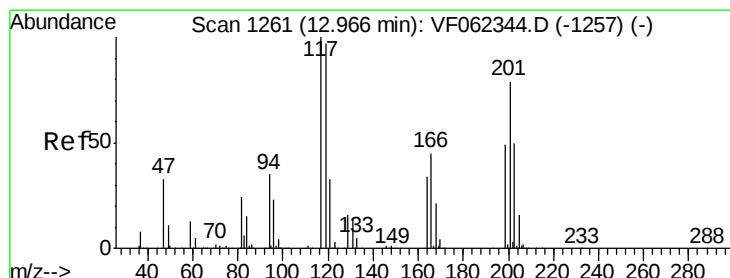
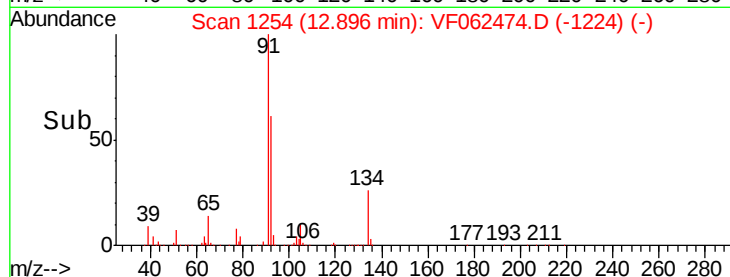
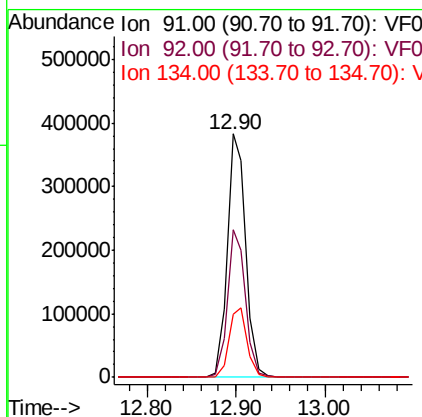
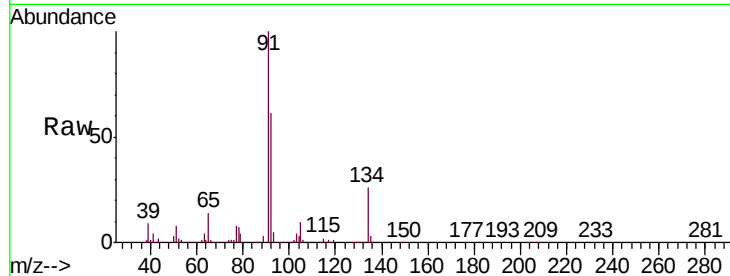
#89
n-Butylbenzene
Concen: 48.517 ug/l
RT: 12.90 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	563107		
92	59.3	30.0	90.0	
134	28.1	14.1	42.4	

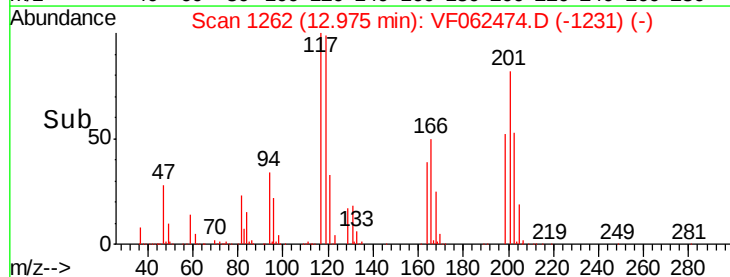
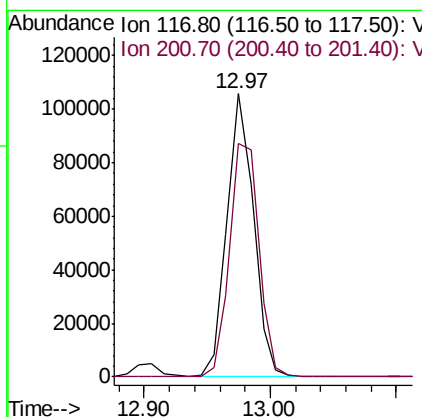
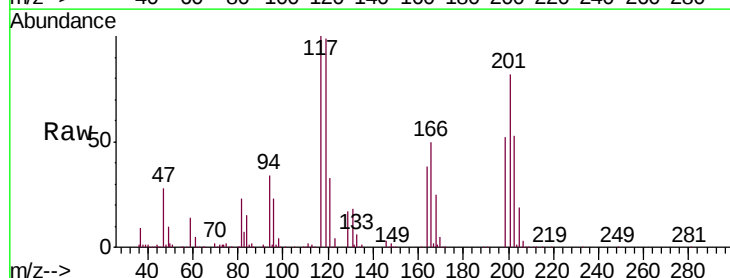
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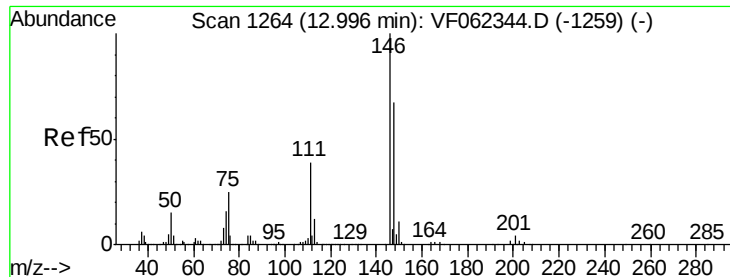
MMDadoda
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#90
Hexachloroethane
Concen: 47.469 ug/l
RT: 12.97 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	154621		
201	91.2	46.2	138.5	





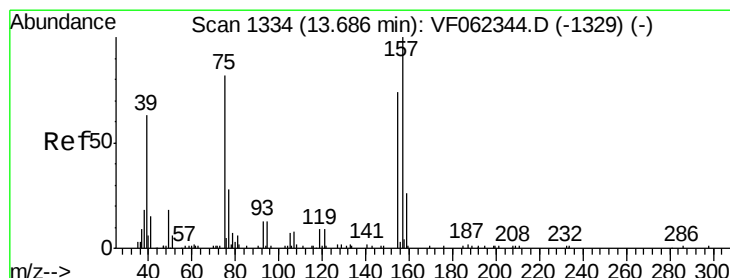
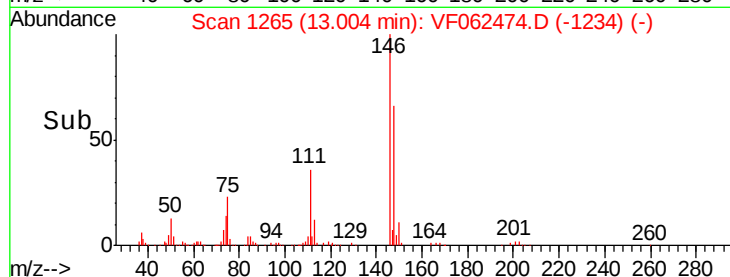
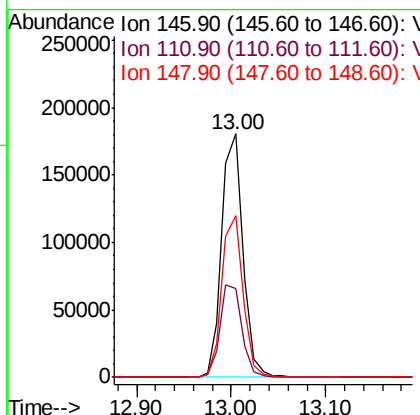
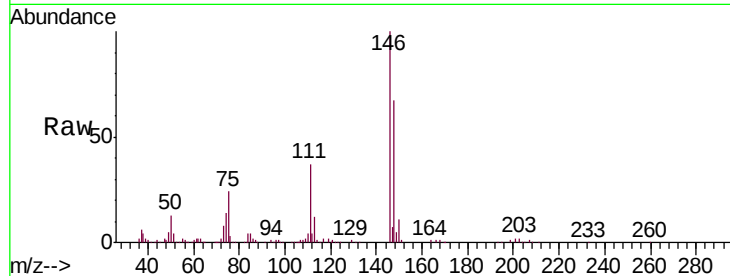
#91
 1,2-Dichlorobenzene
 Concen: 48.690 ug/l
 RT: 13.00 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	282887		
111	39.1	20.0	60.0	
148	65.8	33.1	99.5	

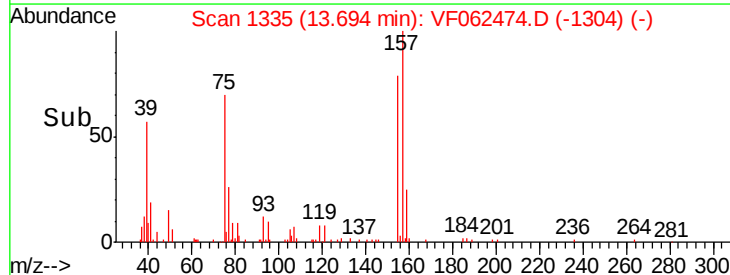
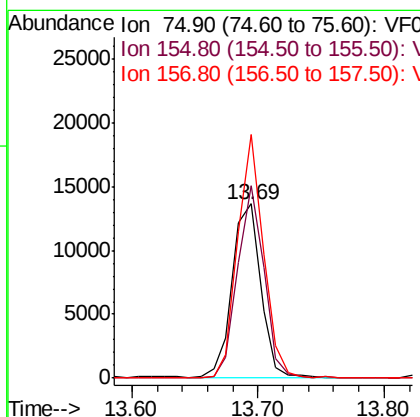
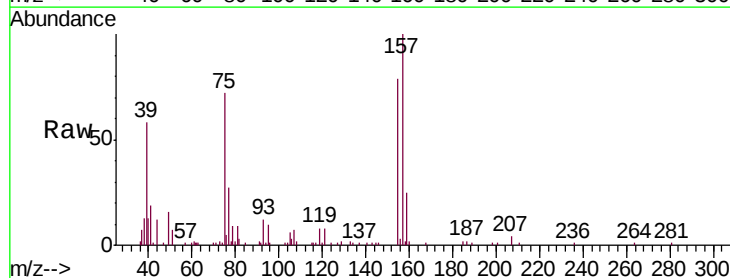
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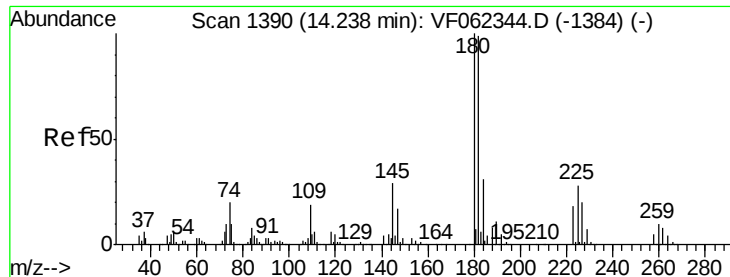
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.275 ug/l
 RT: 13.69 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21646		
155	100.3	51.8	155.4	
157	123.8	67.3	201.8	





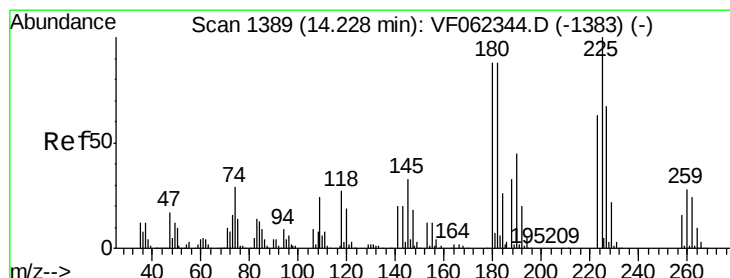
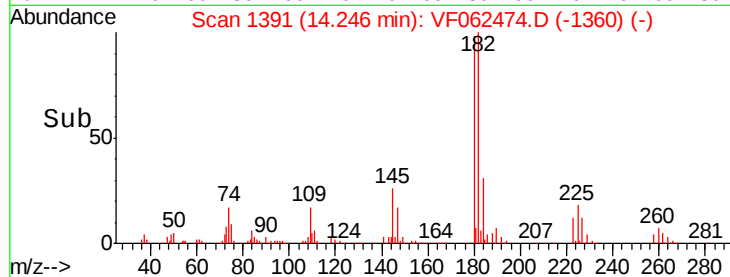
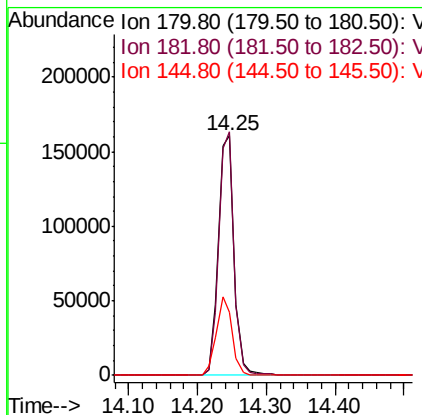
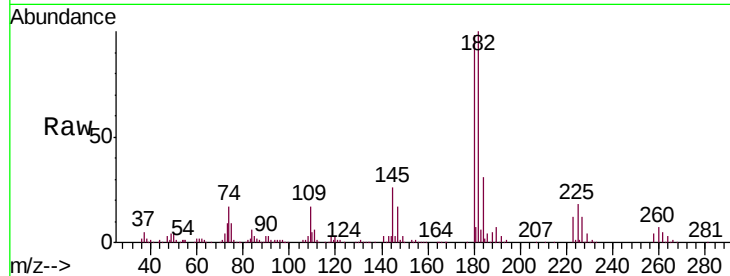
#93
 1,2,4-Trichlorobenzene
 Concen: 48.977 ug/l
 RT: 14.25 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	255233		
182	98.2	49.0	147.0	
145	32.9	16.7	50.1	

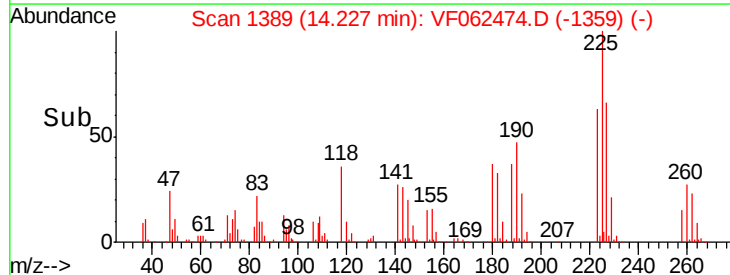
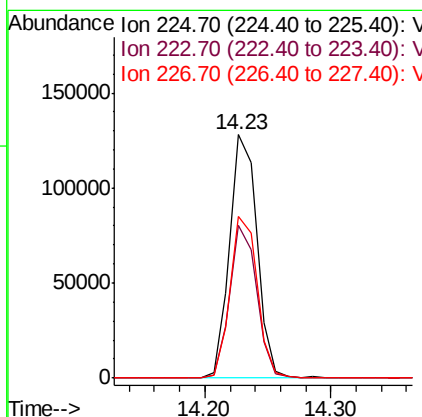
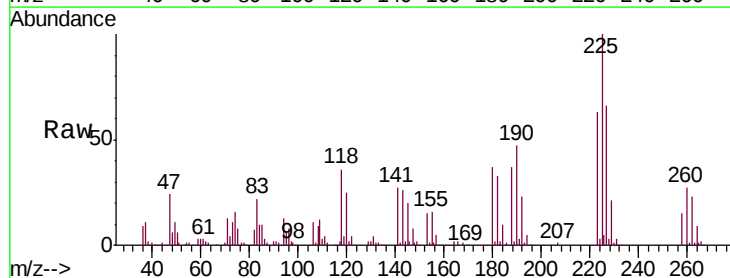
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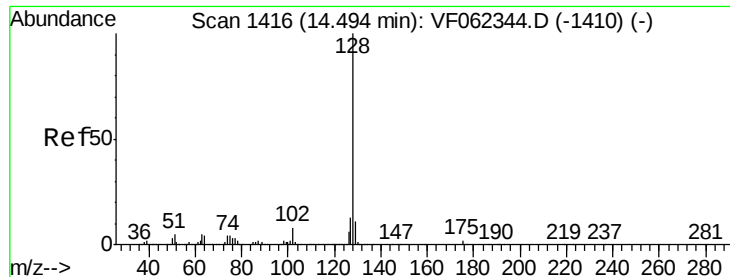
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#94
 Hexachlorobutadiene
 Concen: 49.429 ug/l
 RT: 14.23 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VF062474.D
 Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	191990		
223	61.9	31.9	95.5	
227	65.9	33.1	99.5	





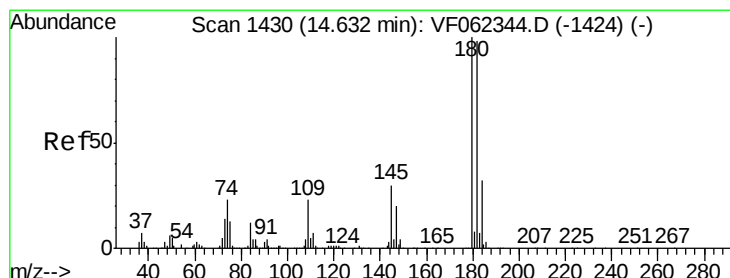
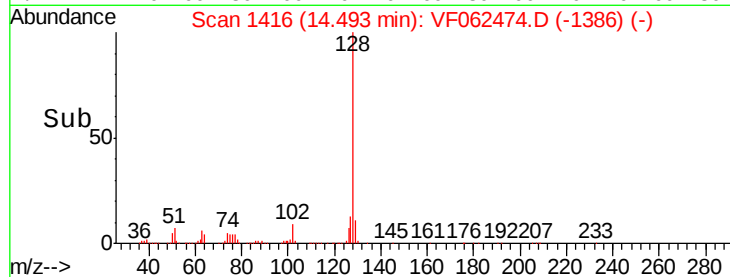
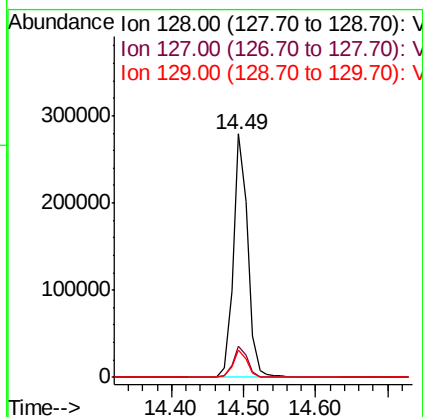
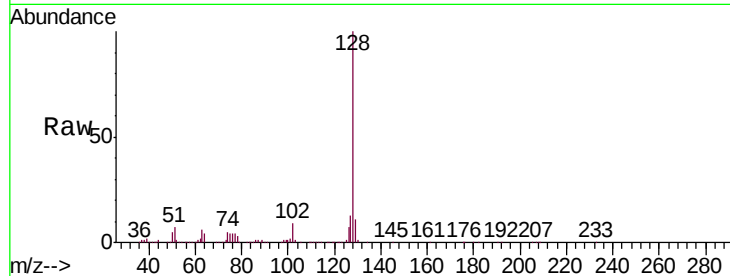
#95
Naphthalene
Concen: 49.843 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	390508		
127	12.6	10.5	15.7	
129	10.8	8.6	12.8	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.901 ug/l
RT: 14.64 min Scan# 1431
Delta R.T. 0.01 min
Lab File: VF062474.D
Acq: 11 May 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	251936		
182	97.8	49.4	148.0	
145	28.9	14.8	44.3	

