

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041020\
 Data File : VX015612.D
 Acq On : 10 Apr 2020 11:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 4/13/2020 1:23:59 PM

Quant Time: Apr 11 00:51:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1187266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1791431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1638680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	884210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	777169	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	5.47	113	570382	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.70	98	2086337	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.12	95	864402	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	465169	44.471	ug/l	98
3) Chloromethane	1.31	50	564260	42.359	ug/l	98
4) Vinyl Chloride	1.39	62	548291	44.826	ug/l	99
5) Bromomethane	1.62	94	299399	53.700	ug/l	97
6) Chloroethane	1.71	64	351146	46.289	ug/l	99
7) Trichlorofluoromethane	1.92	101	785313	47.875	ug/l	97
8) Diethyl Ether	2.17	74	322557	46.621	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519369	48.569	ug/l	99
10) Methyl Iodide	2.49	142	695968	48.273	ug/l	100
11) Tert butyl alcohol	3.01	59	674522	168.293	ug/l	99
12) 1,1-Dichloroethene	2.36	96	495375	44.194	ug/l	97
13) Acrolein	2.27	56	395344	173.157	ug/l	99
14) Allyl chloride	2.70	41	1123512	42.897	ug/l	97
15) Acrylonitrile	3.11	53	1598516	209.131	ug/l	100
16) Acetone	2.42	43	1887776	262.407	ug/l	100
17) Carbon Disulfide	2.55	76	1375918	40.239	ug/l	100
18) Methyl Acetate	2.75	43	784311	42.715	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1949244	44.838	ug/l	99
20) Methylene Chloride	2.83	84	578516	43.052	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	549051	44.136	ug/l	96
22) Diisopropyl ether	3.83	45	2087228	44.974	ug/l	90
23) Vinyl Acetate	3.78	43	9220595	219.434	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1076282	44.046	ug/l	100
25) 2-Butanone	4.63	43	2509253	216.884	ug/l	98
26) 2,2-Dichloropropane	4.55	77	979758	48.848	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	656783	45.634	ug/l	99
28) Bromochloromethane	4.98	49	557928	47.822	ug/l	98
29) Tetrahydrofuran	5.09	42	1487016	199.927	ug/l	99
30) Chloroform	5.18	83	1063597	45.242	ug/l	97
31) Cyclohexane	5.55	56	941476	44.414	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	958942	45.072	ug/l	100
36) 1,1-Dichloropropene	5.77	75	788634	47.779	ug/l	99
37) Ethyl Acetate	4.80	43	928461	43.200	ug/l	100
38) Carbon Tetrachloride	5.75	117	843234	47.167	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	937915	49.282	ug/l	99
40) Benzene	6.11	78	2296768	47.502	ug/l	97
41) Methacrylonitrile	5.00	41	539670	45.234	ug/l	99
42) 1,2-Dichloroethane	6.16	62	939613	48.380	ug/l	100
43) Isopropyl Acetate	6.41	43	1611940	44.430	ug/l	99
44) Trichloroethene	7.19	130	647716	49.120	ug/l	97
45) 1,2-Dichloropropane	7.49	63	625219	47.269	ug/l	98
46) Dibromomethane	7.64	93	404589	46.630	ug/l	95
47) Bromodichloromethane	7.87	83	880966	47.651	ug/l	99
48) Methyl methacrylate	7.75	41	818115	45.145	ug/l	99
49) 1,4-Dioxane	7.72	88	262829	777.456	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4611606	224.288	ug/l	100
52) Toluene	8.76	92	1469695	49.303	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1012603	46.700	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1067334	48.323	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	595954	48.796	ug/l	98
56) Ethyl methacrylate	9.16	69	993741	46.169	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1031258	46.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2556762	244.214	ug/l	99
59) 2-Hexanone	9.47	43	3593254	231.477	ug/l	99
60) Dibromochloromethane	9.57	129	706004	48.107	ug/l	99
61) 1,2-Dibromoethane	9.65	107	638786	48.102	ug/l	99
64) Tetrachloroethene	9.32	164	621086	50.222	ug/l	94
65) Chlorobenzene	10.12	112	1613396	49.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	646097	49.487	ug/l	100
67) Ethyl Benzene	10.24	91	2874186	49.588	ug/l	100
68) m/p-Xylenes	10.34	106	2183537	101.170	ug/l	99
69) o-Xylene	10.68	106	1060312	49.716	ug/l	99
70) Styrene	10.70	104	1843660	49.126	ug/l	100
71) Bromoform	10.84	173	569603	47.925	ug/l #	99
73) Isopropylbenzene	11.00	105	2868375	49.510	ug/l	100
74) N-amyl acetate	10.88	43	1420676	44.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	899129	45.228	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	850469m	46.773	ug/l	
77) Bromobenzene	11.24	156	763751	49.423	ug/l	97
78) n-propylbenzene	11.34	91	3271511	49.383	ug/l	99
79) 2-Chlorotoluene	11.40	91	1956414	48.182	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2424457	49.000	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	337069	44.480	ug/l	98
82) 4-Chlorotoluene	11.50	91	2313701	48.606	ug/l	99
83) tert-Butylbenzene	11.76	119	2406237	49.788	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2459001	48.770	ug/l	99
85) sec-Butylbenzene	11.93	105	2795848	50.019	ug/l	100
86) p-Isopropyltoluene	12.05	119	2730100	52.613	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1388375	50.186	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1417435	50.301	ug/l	97
89) n-Butylbenzene	12.37	91	2399858	51.178	ug/l	98
90) Hexachloroethane	12.58	117	477363	47.265	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1356472	50.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	220643	39.324	ug/l	94

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ClientSampleId :
VSTDCCC050

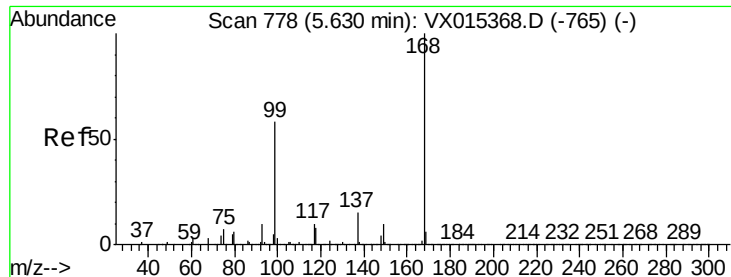
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1097272	51.238	ug/l	98
94) Hexachlorobutadiene	13.77	225	528768	51.860	ug/l	98
95) Naphthalene	13.82	128	3120423	47.768	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1062455	51.529	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1187266

Ion Ratio Lower Upper

168 100

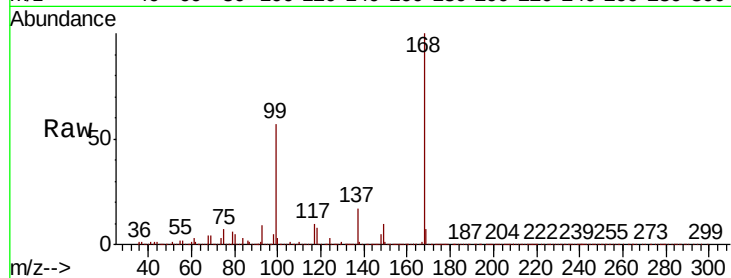
99 56.8 46.4 69.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

400000

300000

200000

100000

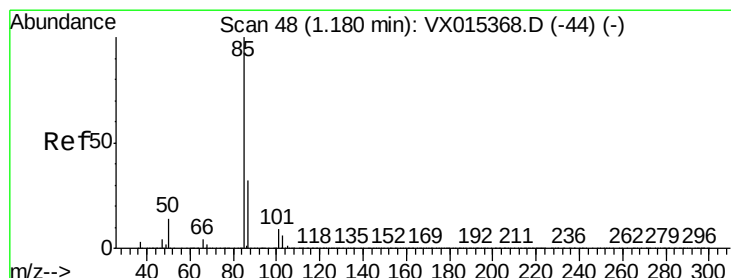
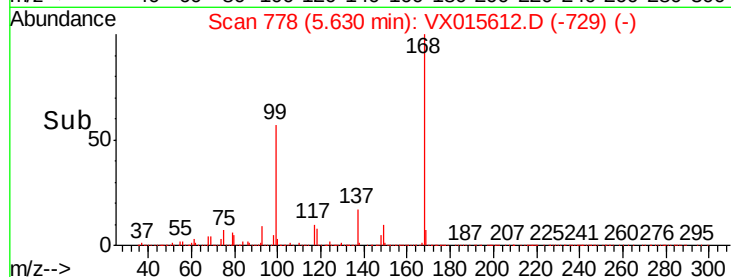
0

5.40

5.60

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.471 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015612.D

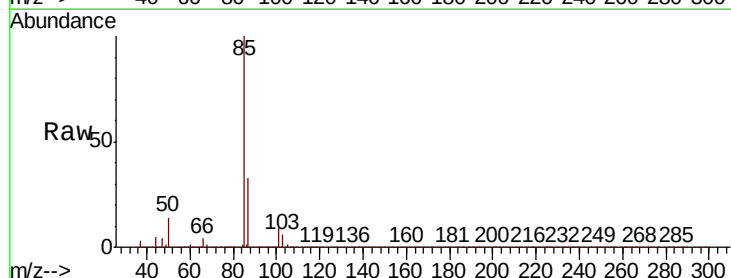
Acq: 10 Apr 2020 11:46

Tgt Ion: 85 Resp: 465169

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

500000

400000

300000

200000

100000

0

1.10

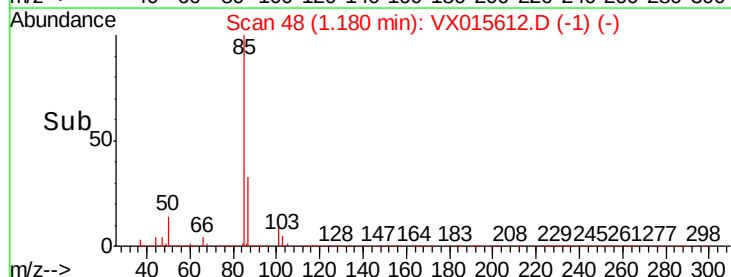
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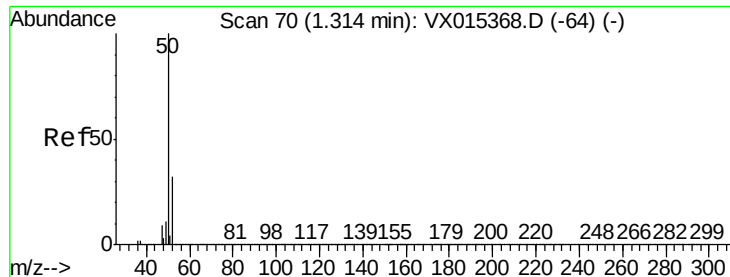
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1.25

1.30

Time-->





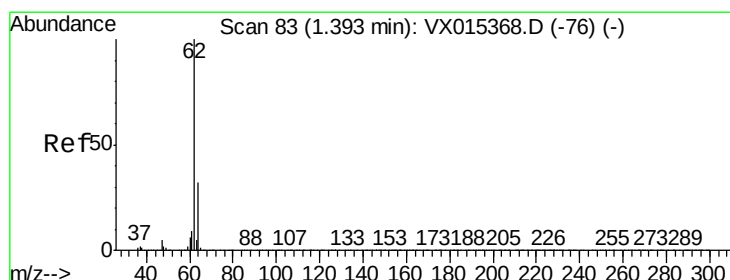
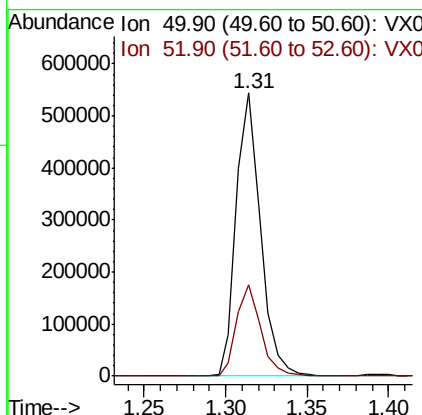
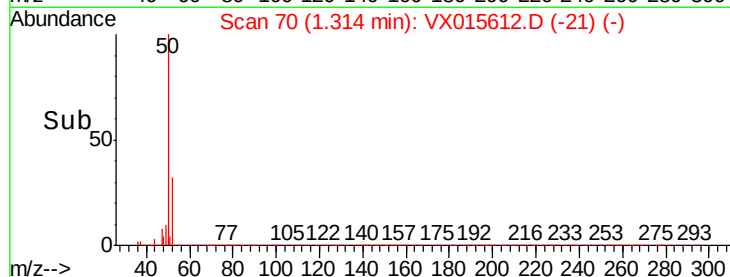
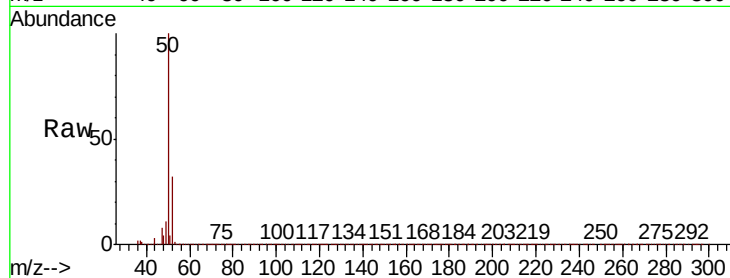
#3
Chloromethane
Concen: 42.359 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.3	37.9

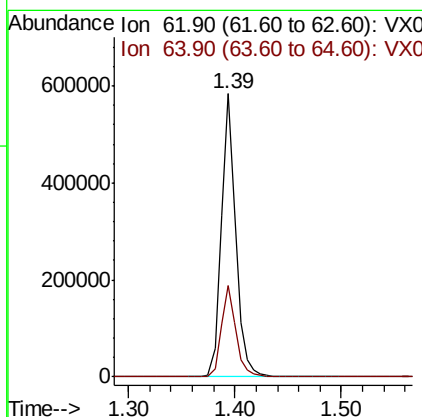
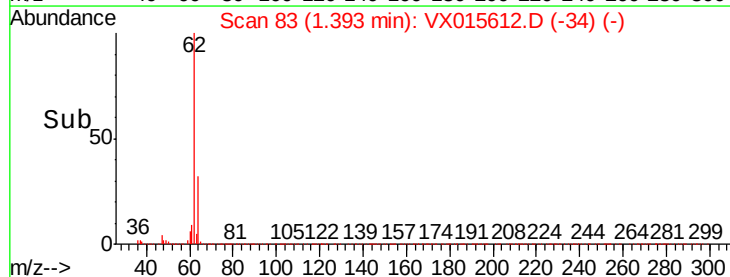
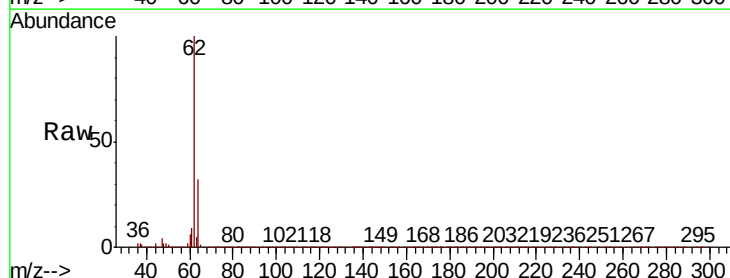
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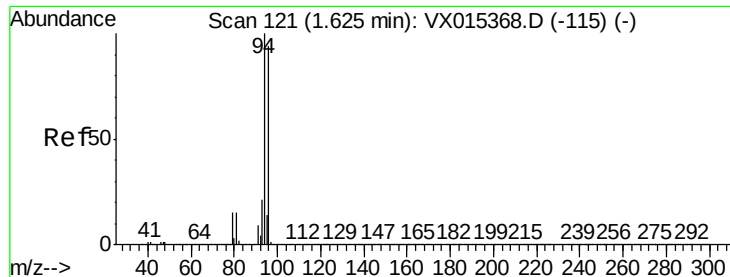
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#4
Vinyl Chloride
Concen: 44.826 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	26.0	39.0





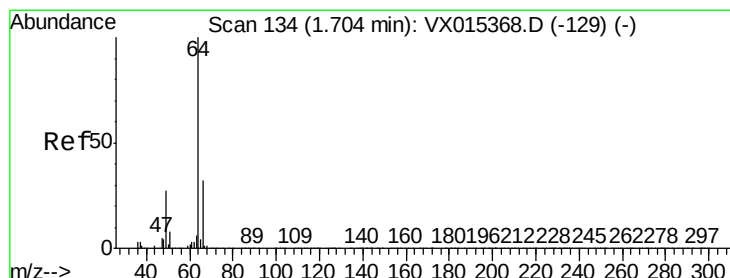
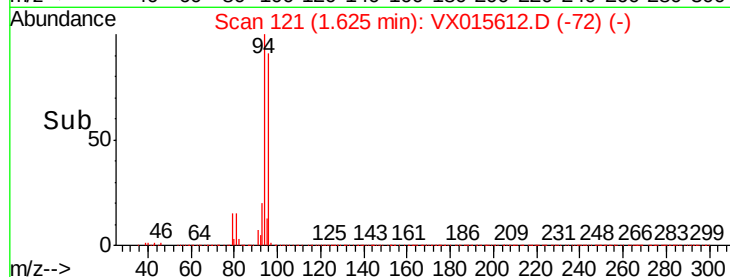
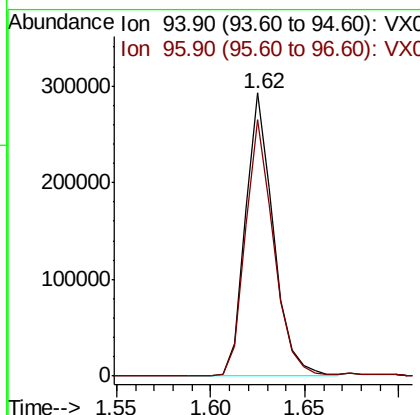
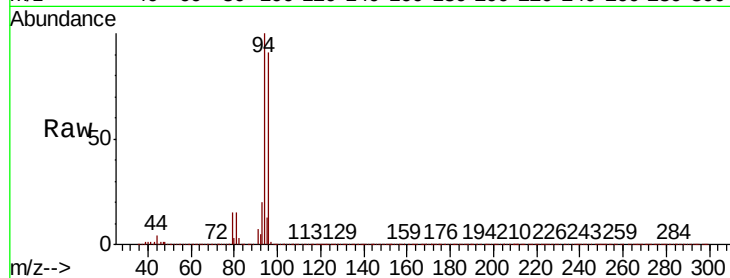
#5
Bromomethane
Concen: 53.700 ug/l
RT: 1.62 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
94	100		
96	90.7	74.8	112.2

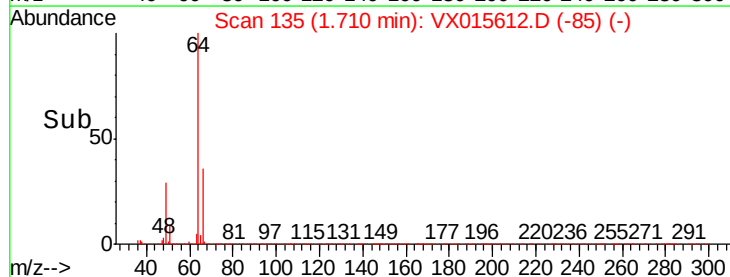
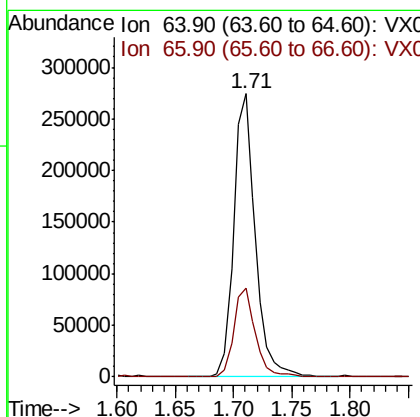
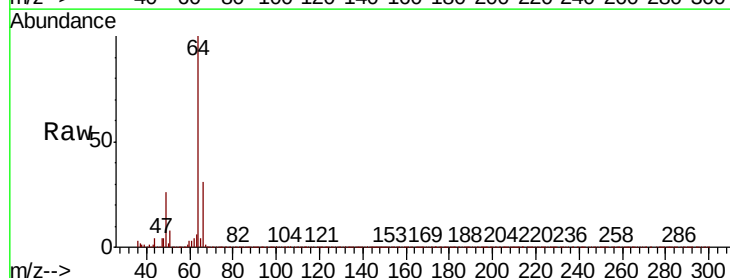
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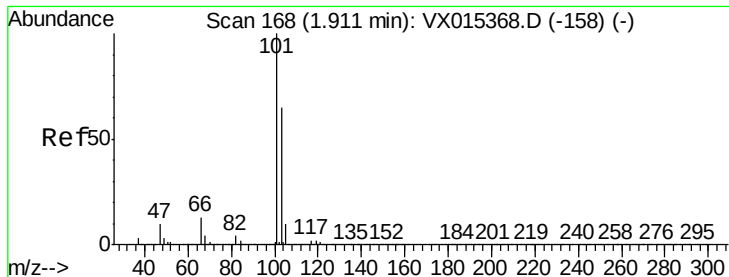
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#6
Chloroethane
Concen: 46.289 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
64	100		
66	31.1	25.4	38.2





#7

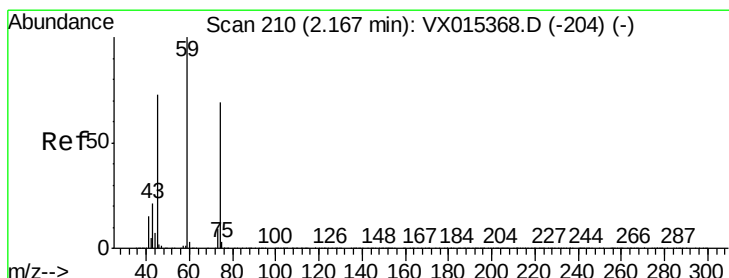
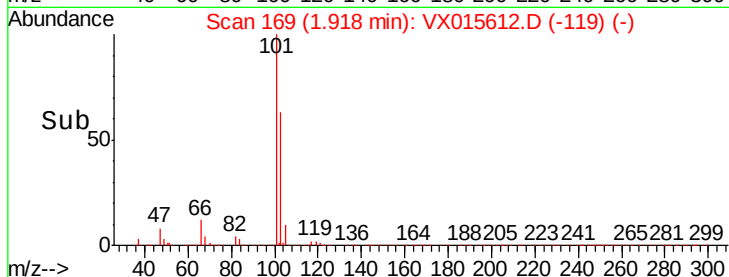
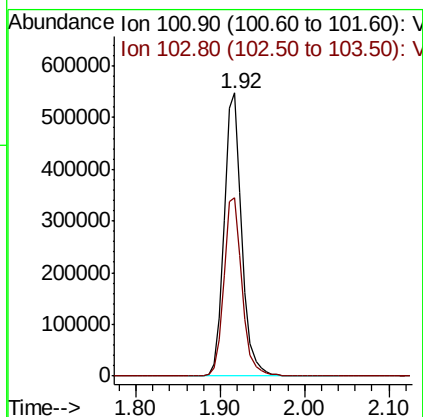
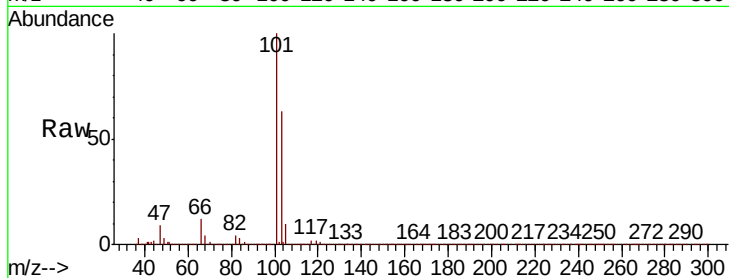
Trichlorofluoromethane
Concen: 47.875 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.3	78.5

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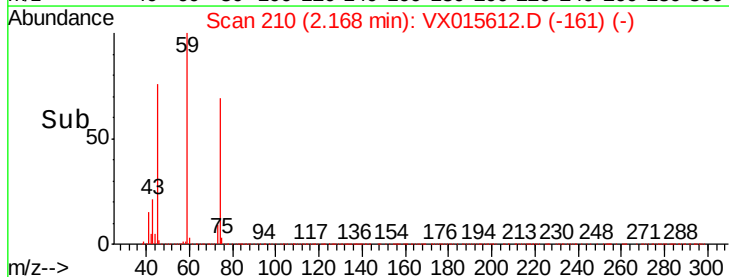
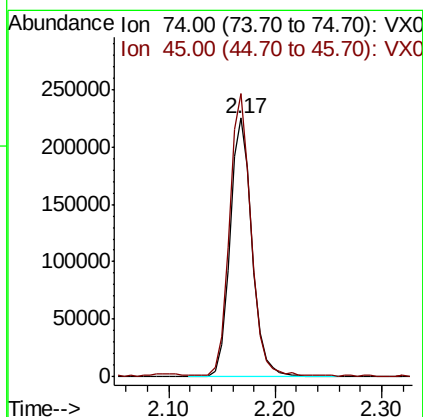
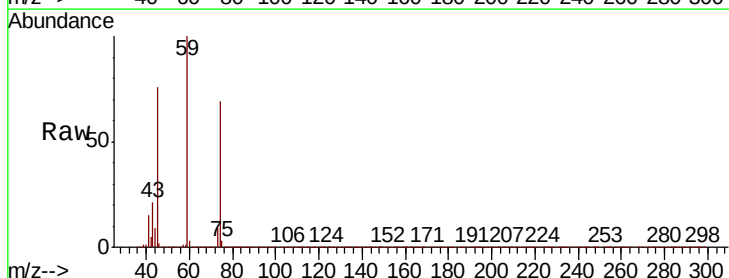
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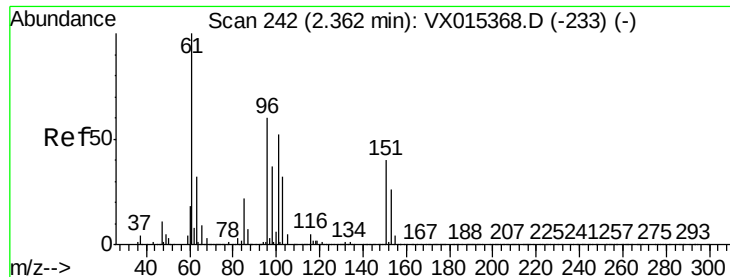


#8

Diethyl Ether
Concen: 46.621 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.2	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.569 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

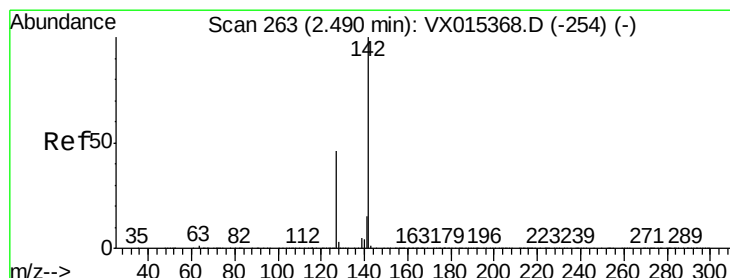
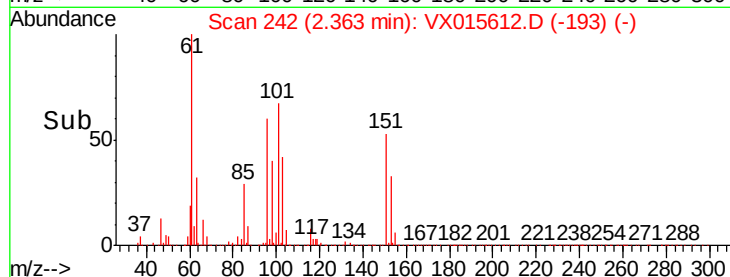
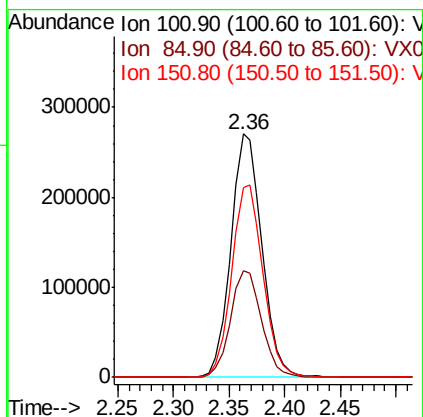
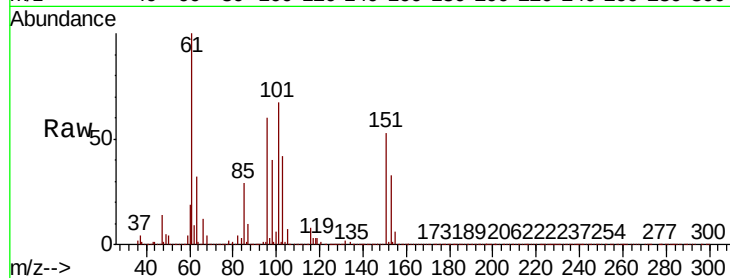
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	519369
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.0	52.4
151	79.6	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 48.273 ug/l

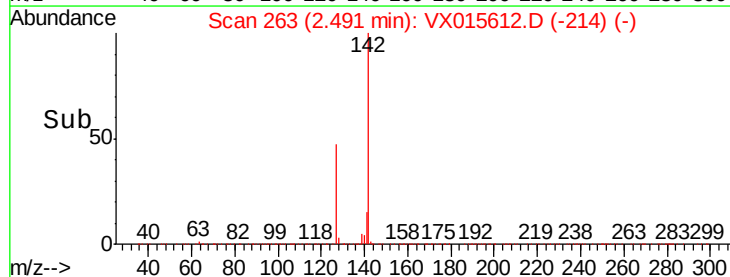
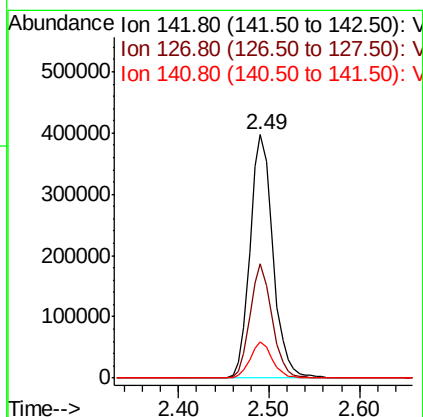
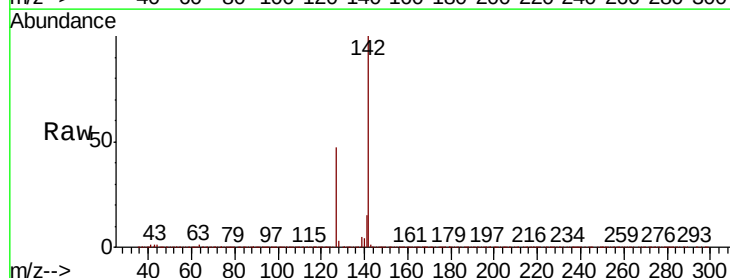
RT: 2.49 min Scan# 263

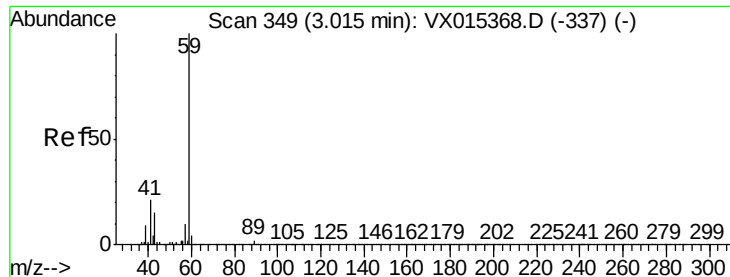
Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion:	142	Resp:	695968
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.9	53.9
141	14.4	11.6	17.4





#11

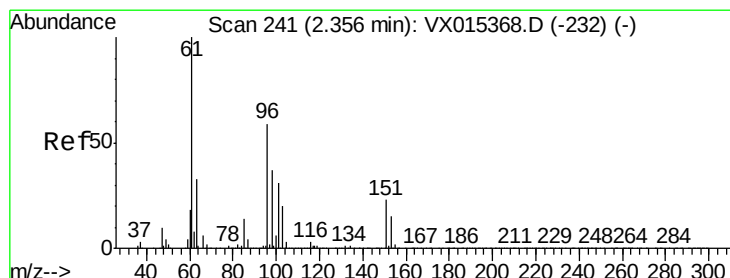
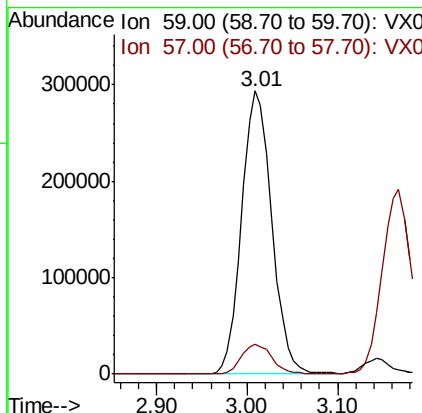
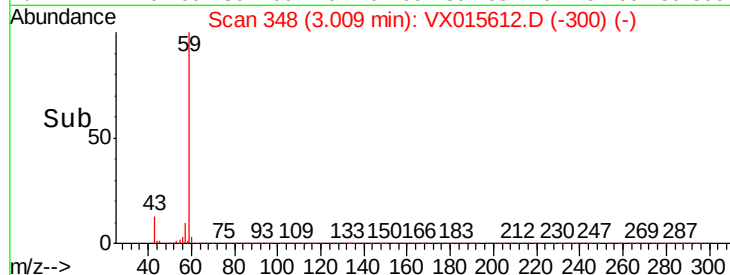
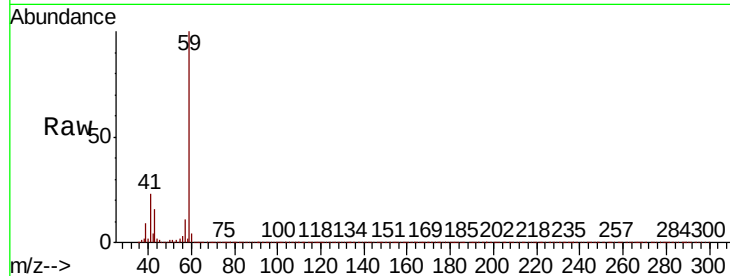
Tert butyl alcohol
Concen: 168.293 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

Manual Integrations
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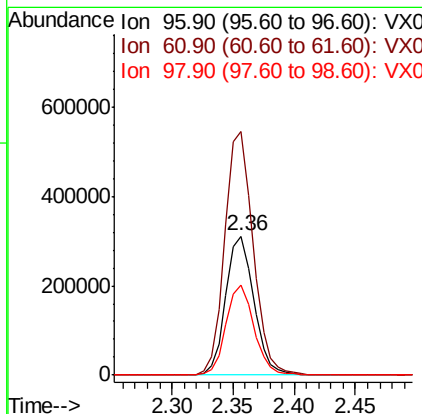
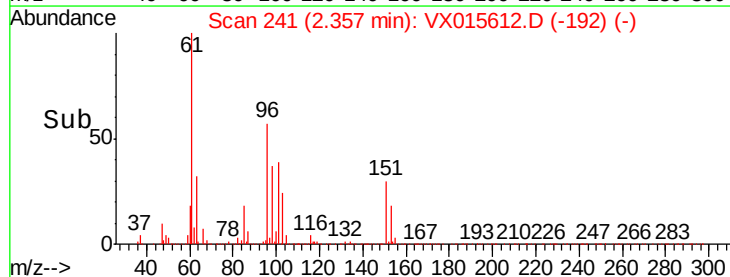
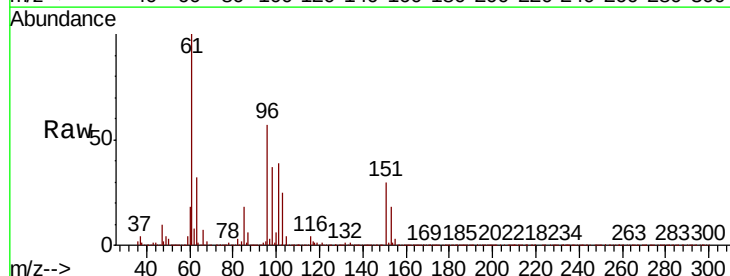
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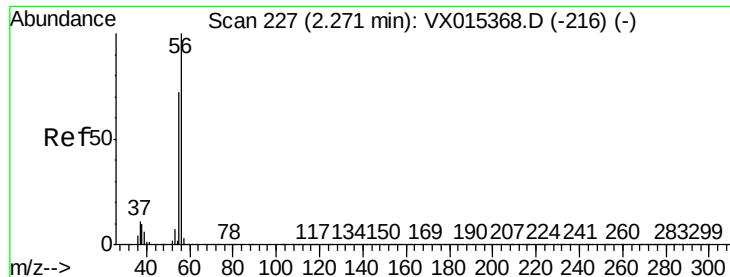


#12

1,1-Dichloroethene
Concen: 44.194 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.0	135.7	203.5
98	64.3	50.6	75.8





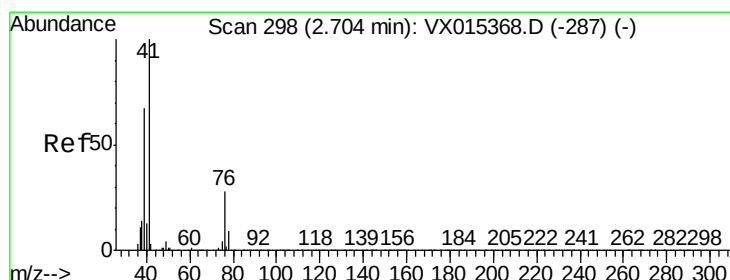
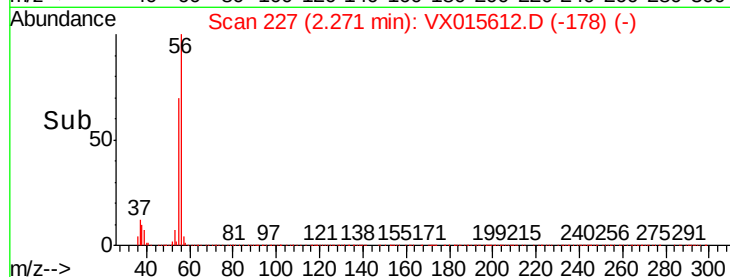
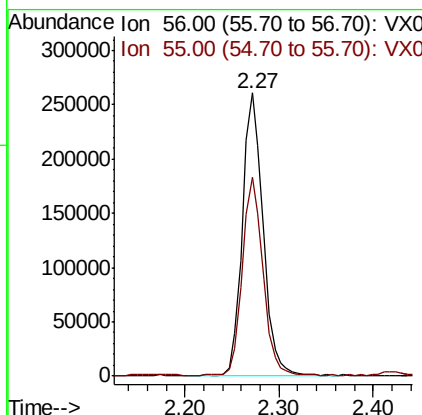
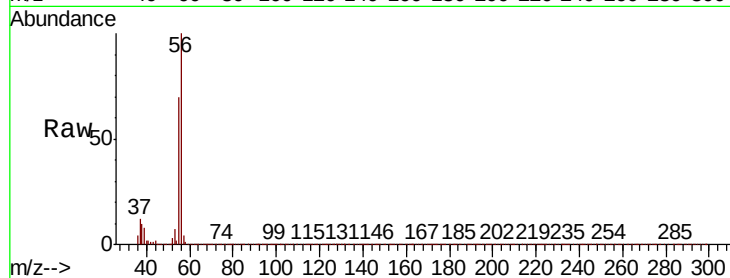
#13
Acrolein
Concen: 173.157 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.6	57.0	85.4

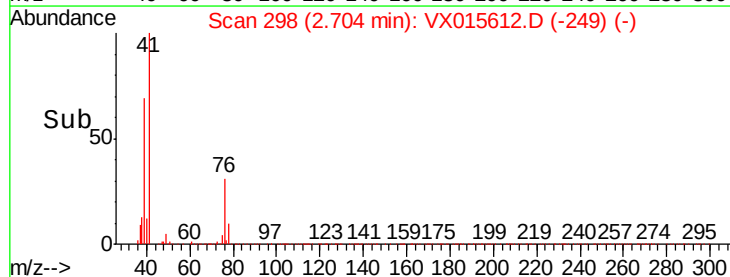
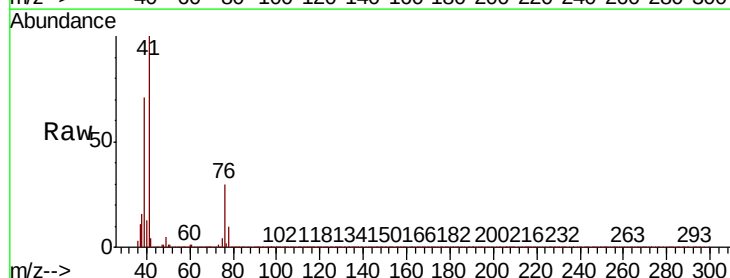
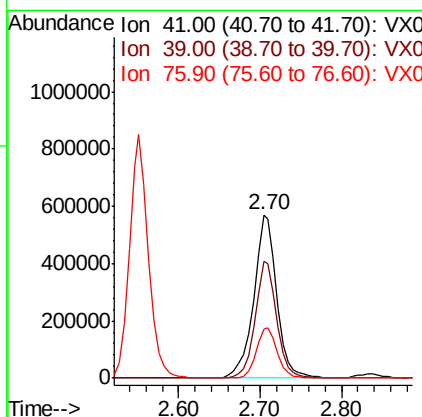
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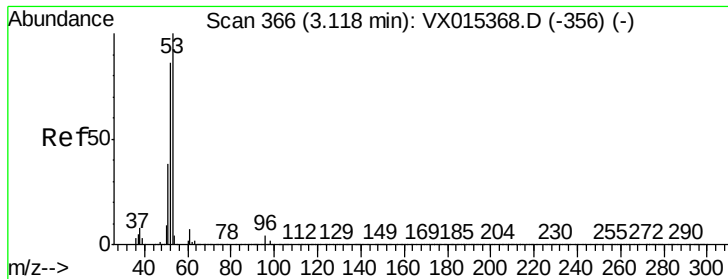
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#14
Allyl chloride
Concen: 42.897 ug/l
RT: 2.70 min Scan# 298
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.4	51.4	77.0
76	28.4	21.8	32.8





#15

Acrylonitrile

Concen: 209.131 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1598516

Ion Ratio Lower Upper

53 100

52 83.3 66.8 100.2

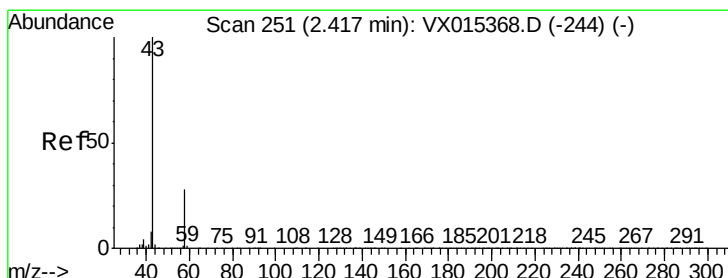
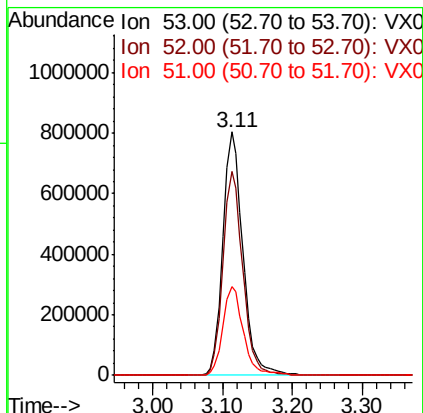
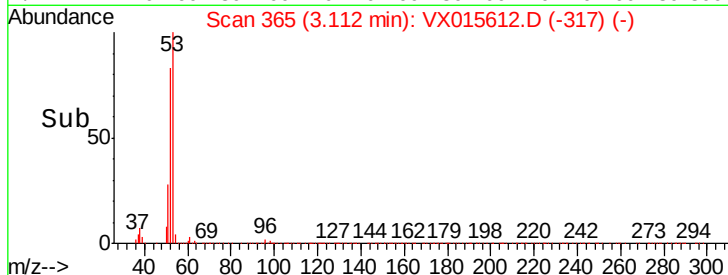
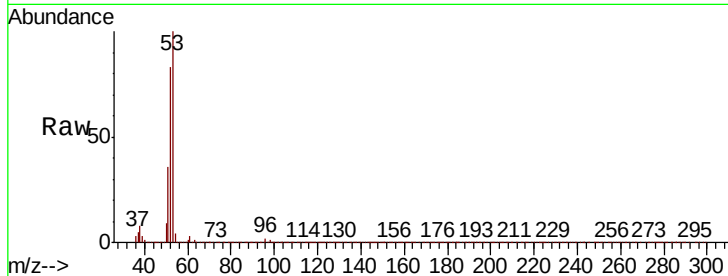
51 37.3 29.5 44.3

Manual Integrations

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#16

Acetone

Concen: 262.407 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015612.D

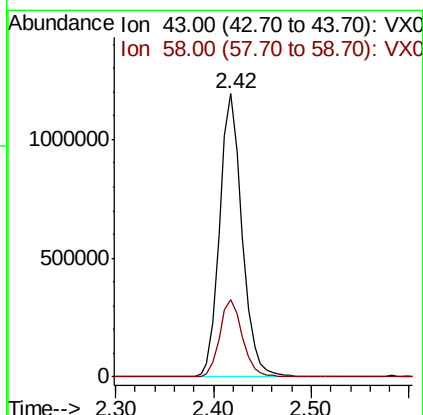
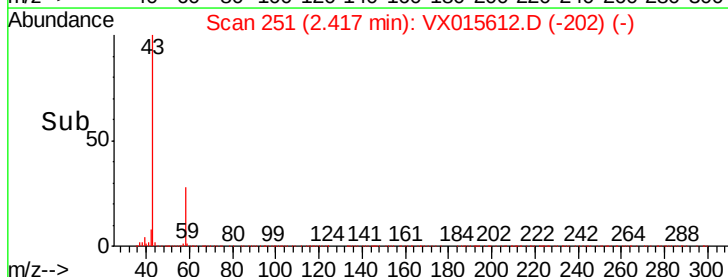
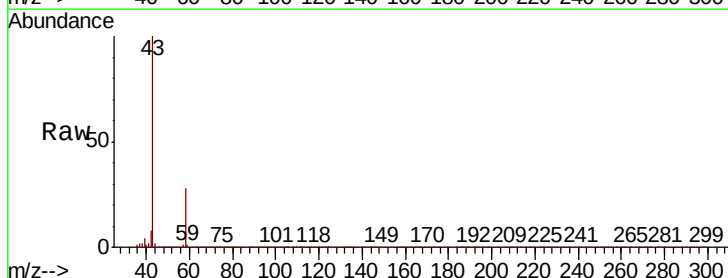
Acq: 10 Apr 2020 11:46

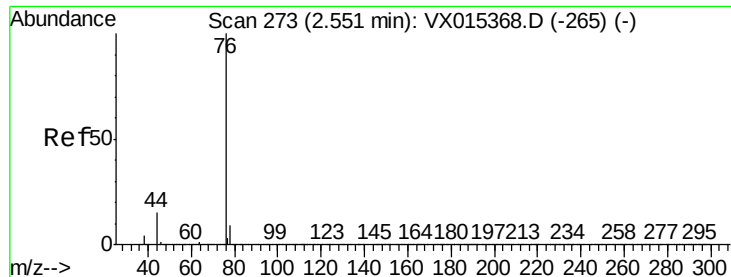
Tgt Ion: 43 Resp: 1887776

Ion Ratio Lower Upper

43 100

58 27.5 22.1 33.1





#17

Carbon Disulfide

Concen: 40.239 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1375918

Ion Ratio Lower Upper

76 100

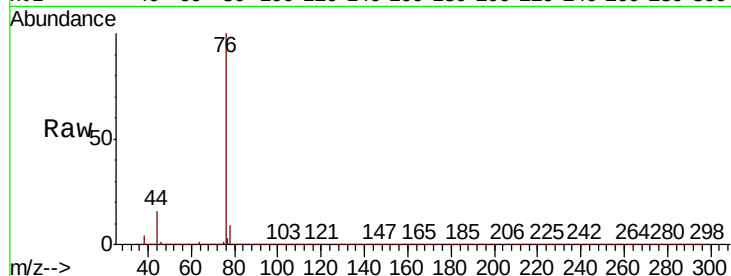
78 8.8 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

800000

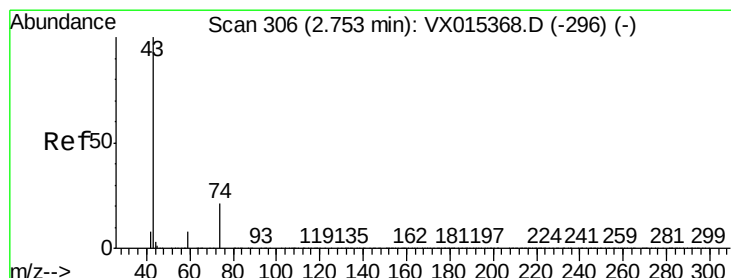
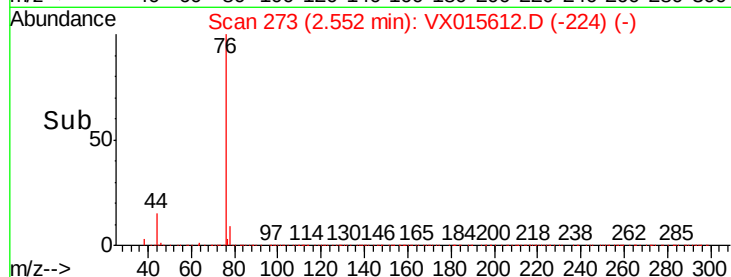
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 42.715 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015612.D

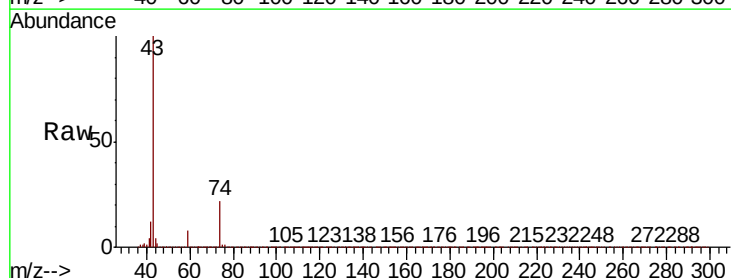
Acq: 10 Apr 2020 11:46

Tgt Ion: 43 Resp: 784311

Ion Ratio Lower Upper

43 100

74 21.5 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

500000

400000

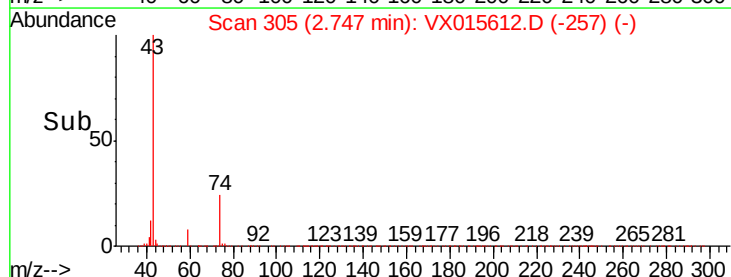
300000

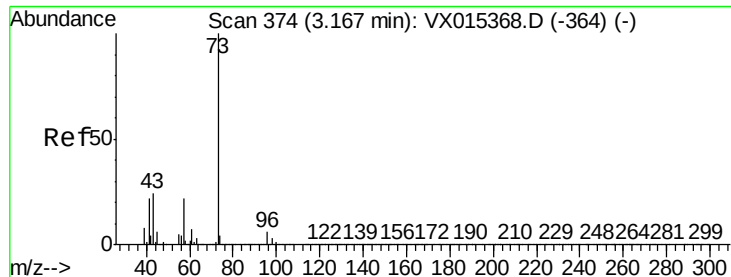
200000

100000

0

Time-->





#19

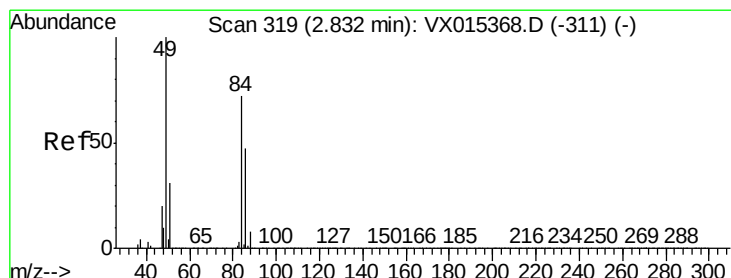
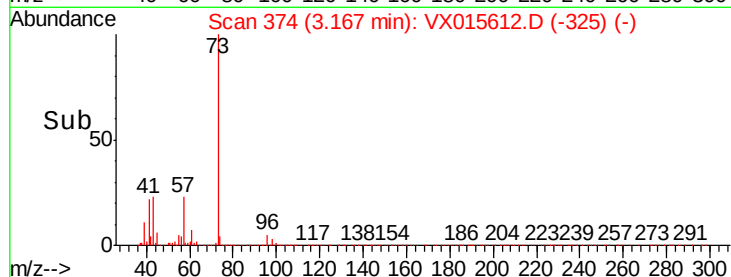
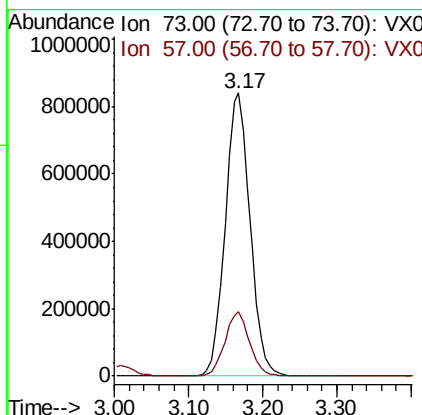
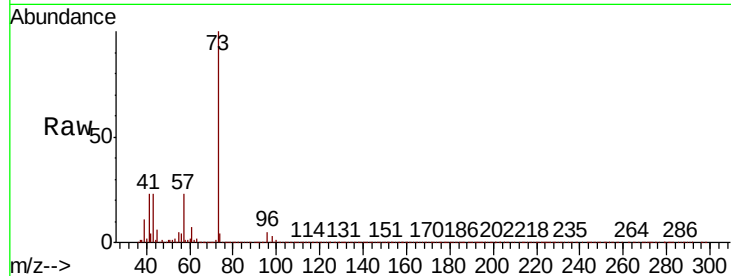
Methyl tert-butyl Ether
 Concen: 44.838 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 1949244
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.9 26.9

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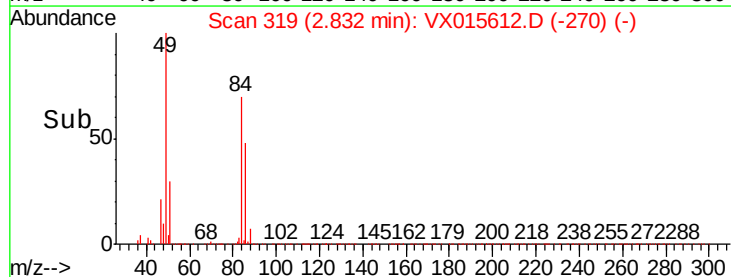
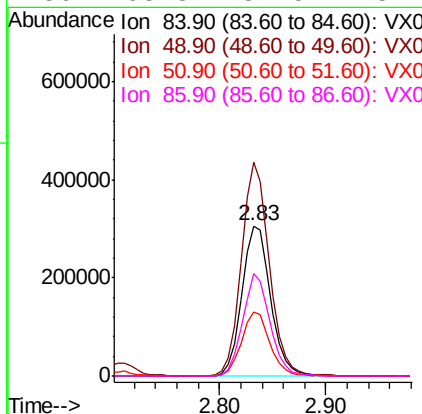
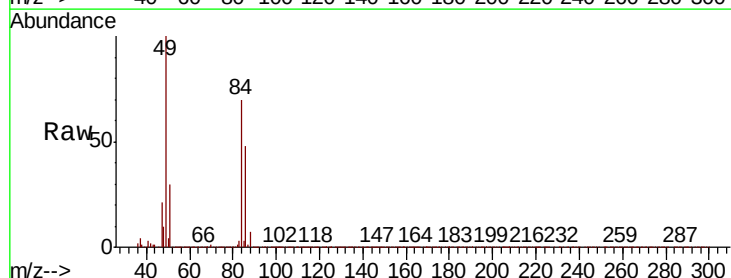
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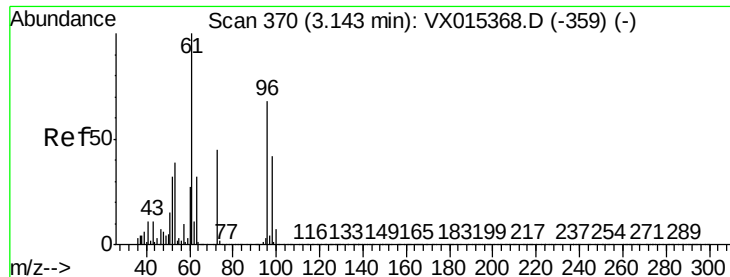


#20

Methylene Chloride
 Concen: 43.052 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion: 84 Resp: 578516
 Ion Ratio Lower Upper
 84 100
 49 142.3 111.3 166.9
 51 42.9 34.0 51.0
 86 68.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.136 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

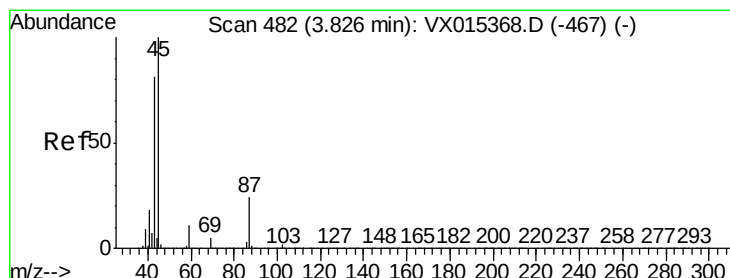
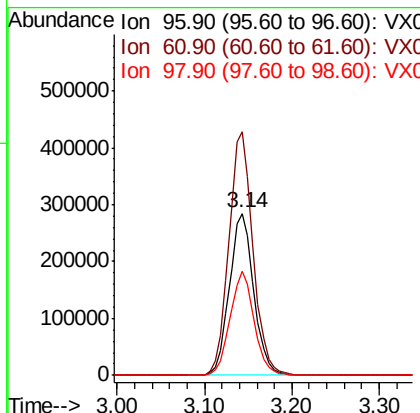
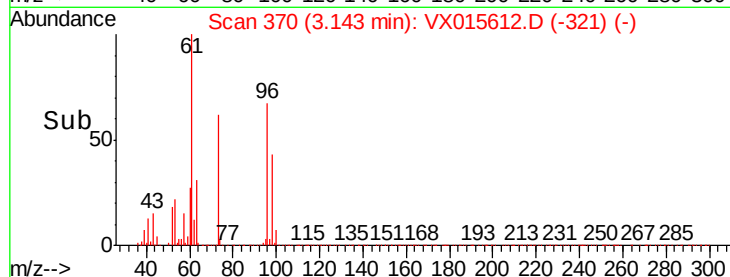
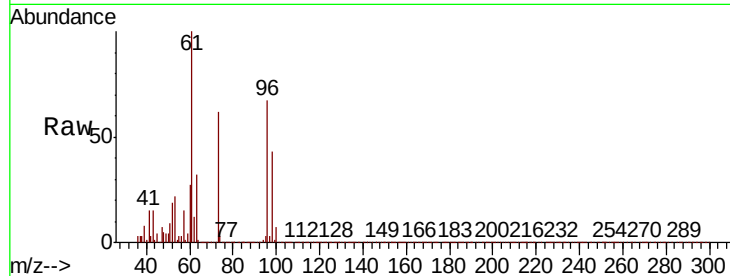
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	549051
Ion Ratio	Lower	Upper	
96	100		
61	150.1	116.9	175.3
98	64.2	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 44.974 ug/l

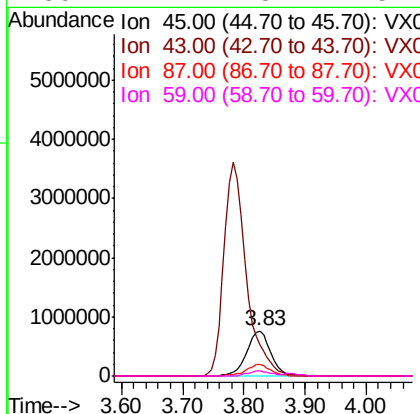
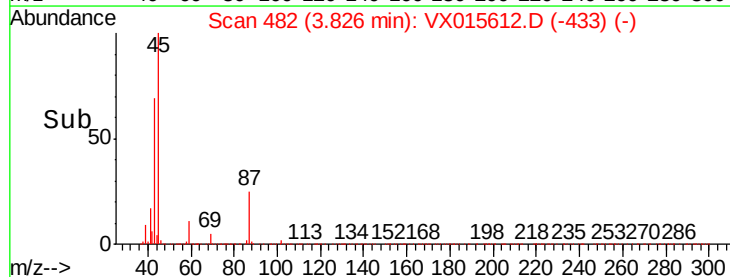
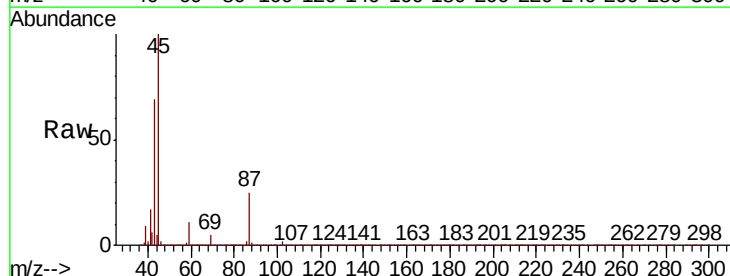
RT: 3.83 min Scan# 482

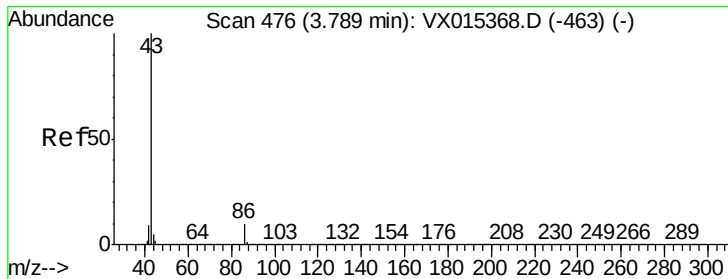
Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion:	45	Resp:	2087228
Ion Ratio	Lower	Upper	
45	100		
43	69.1	64.7	97.1
87	25.4	19.4	29.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 219.434 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 9220595

Ion Ratio Lower Upper

43 100

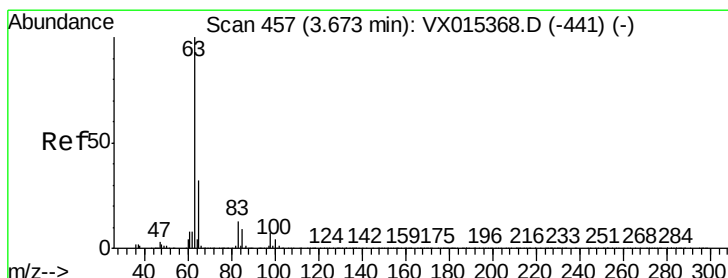
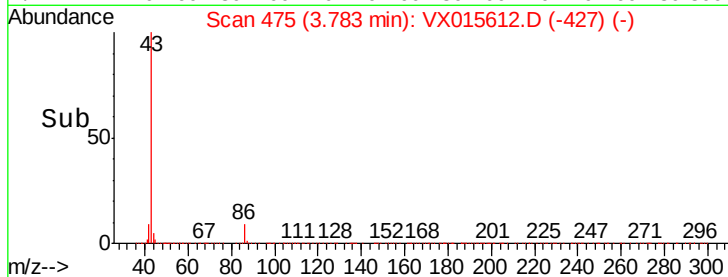
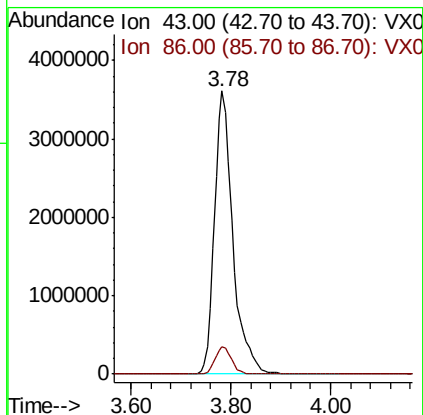
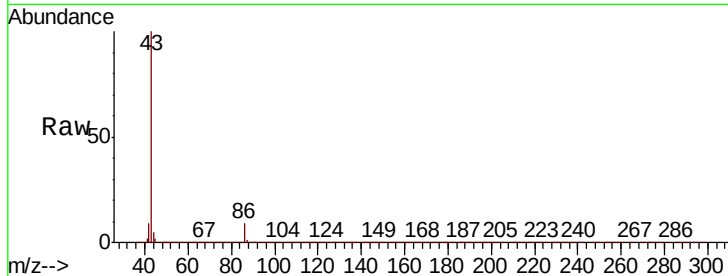
86 9.4 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.046 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

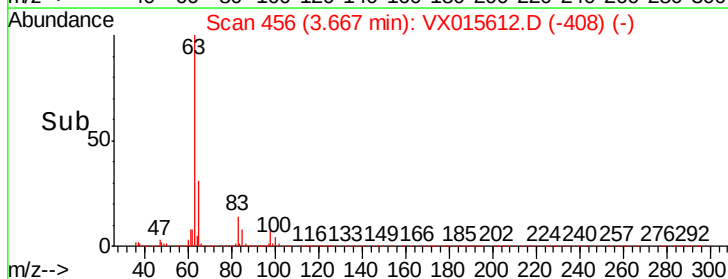
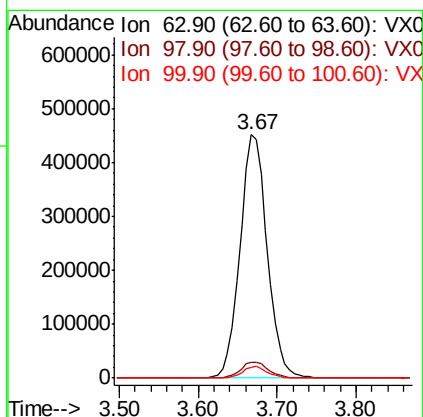
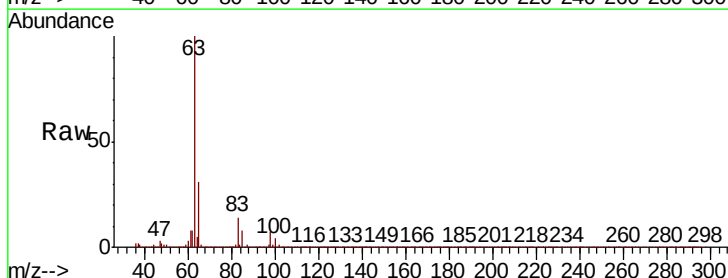
Tgt Ion: 63 Resp: 1076282

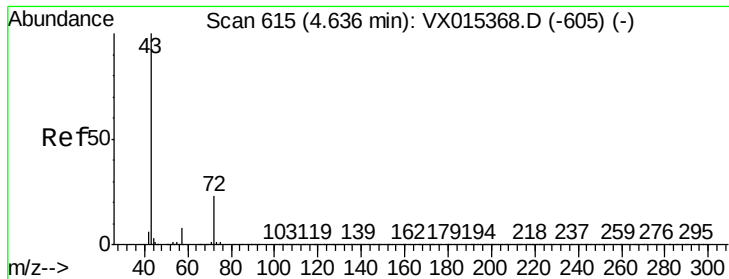
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 216.884 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tot Ion: 43 Resp: 2509253

Ion Ratio Lower Upper

43 100

72 22.6 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

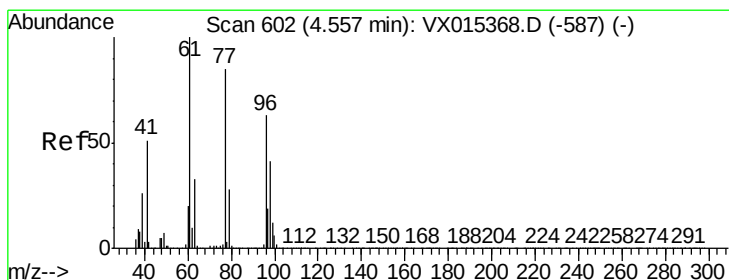
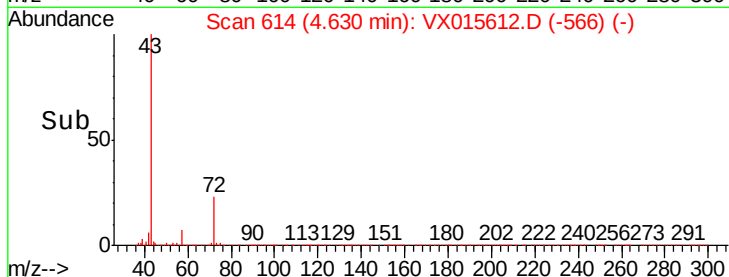
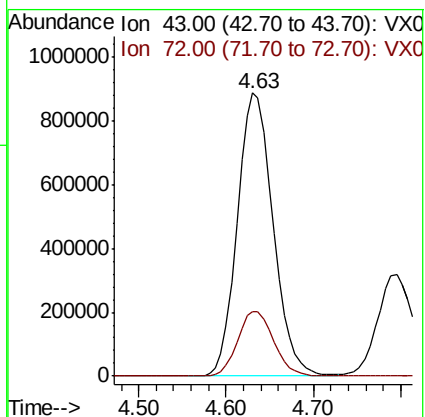
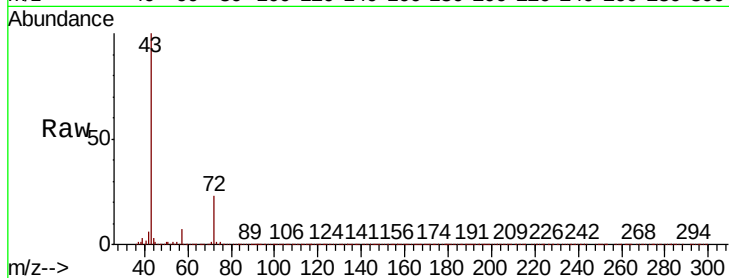
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.848 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015612.D

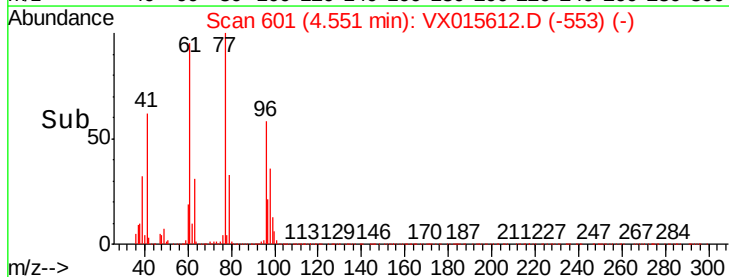
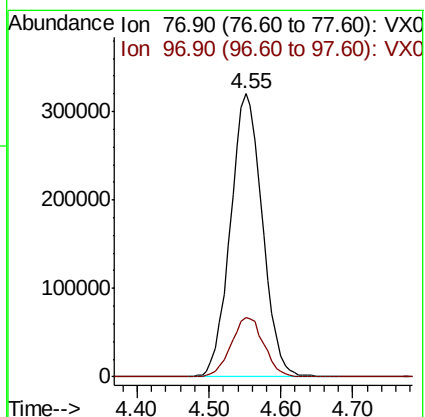
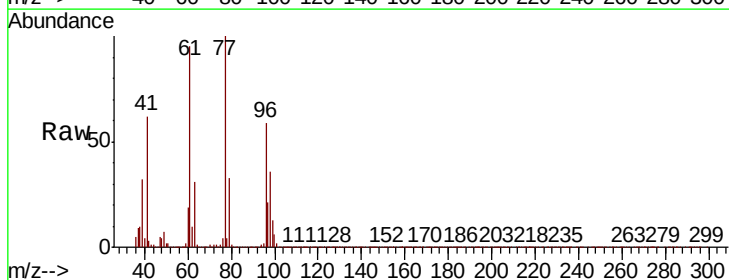
Acq: 10 Apr 2020 11:46

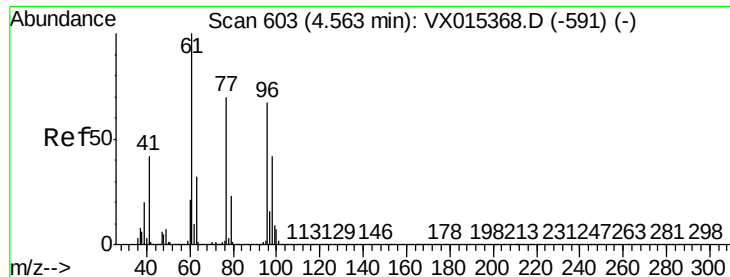
Tgt Ion: 77 Resp: 979758

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.8





#27

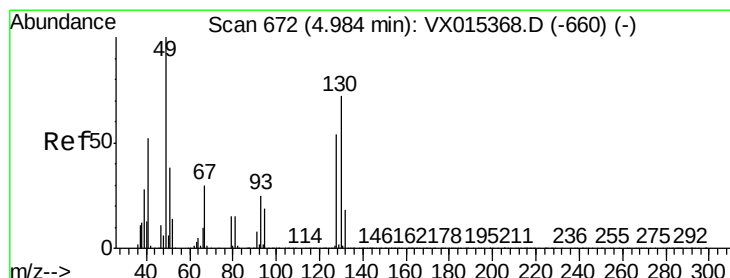
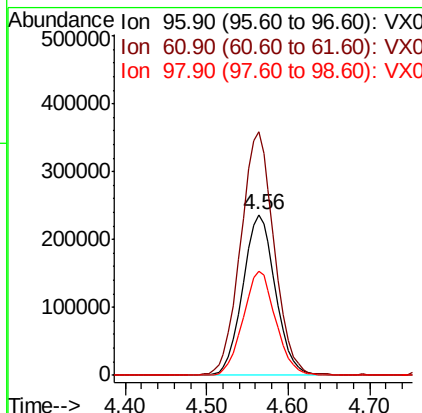
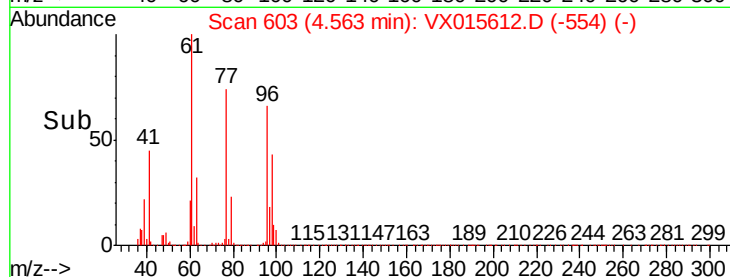
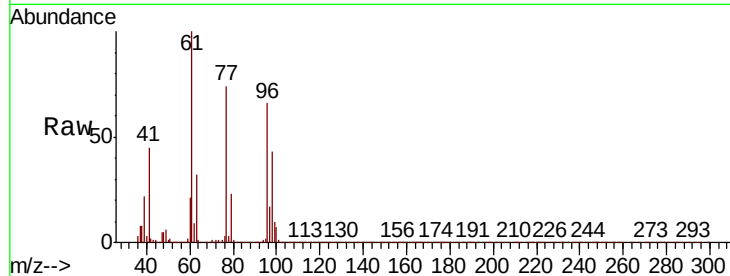
cis-1,2-Dichloroethene
Concen: 45.634 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.4	0.0	308.4
98	64.6	0.0	129.2

Manual Integrations
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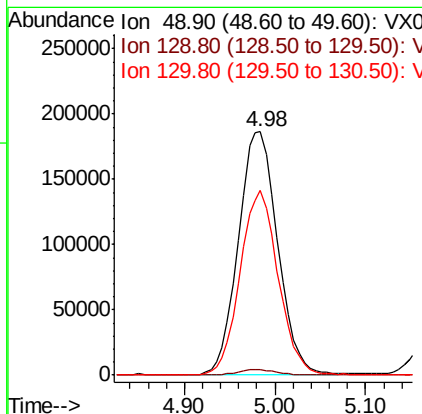
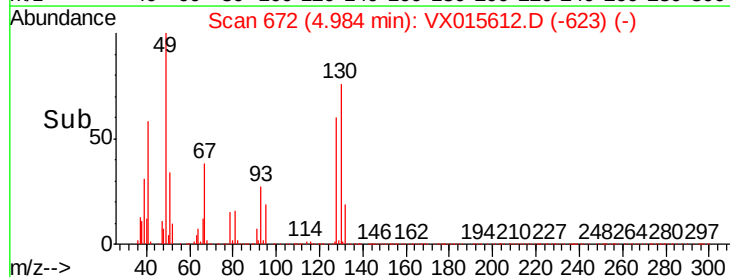
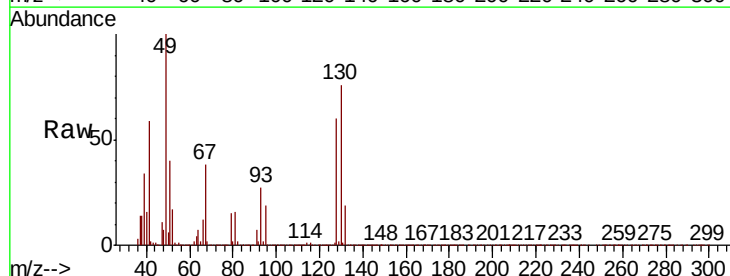
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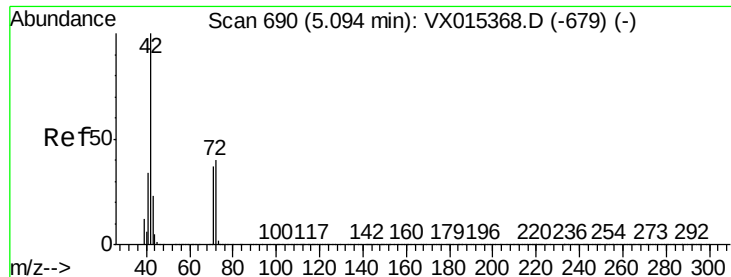


#28

Bromochloromethane
Concen: 47.822 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	73.5	57.7	86.5





#29

Tetrahydrofuran

Concen: 199.927 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 42 Resp: 1487016

Ion Ratio Lower Upper

42 100

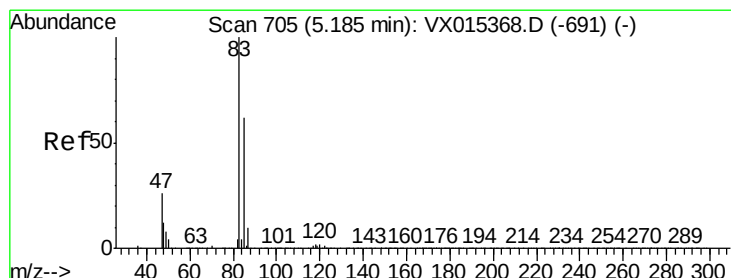
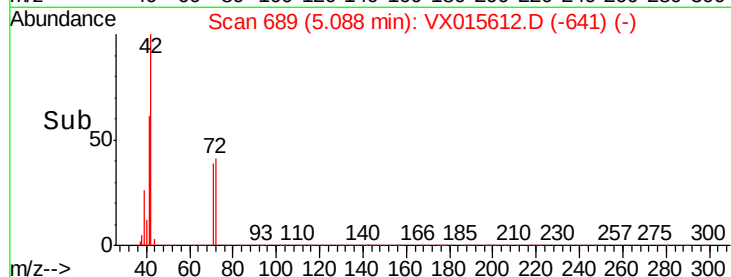
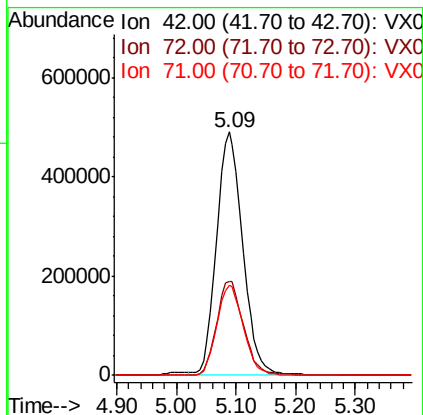
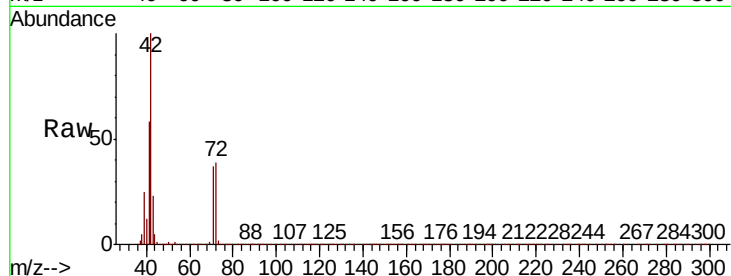
72 39.9 31.7 47.5

71 37.6 29.6 44.4

Manual Integrations
APPROVED

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#30

Chloroform

Concen: 45.242 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015612.D

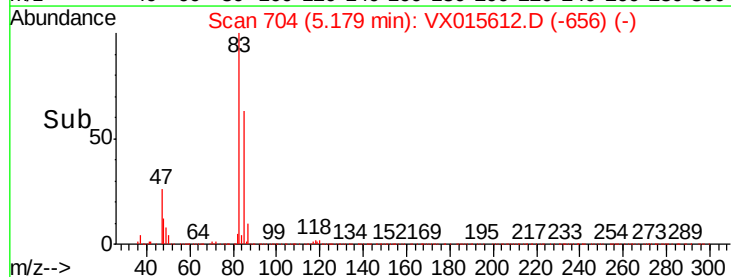
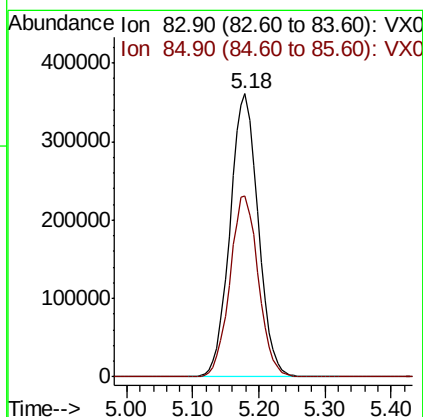
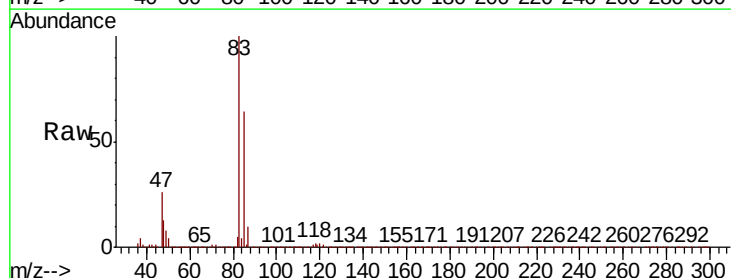
Acq: 10 Apr 2020 11:46

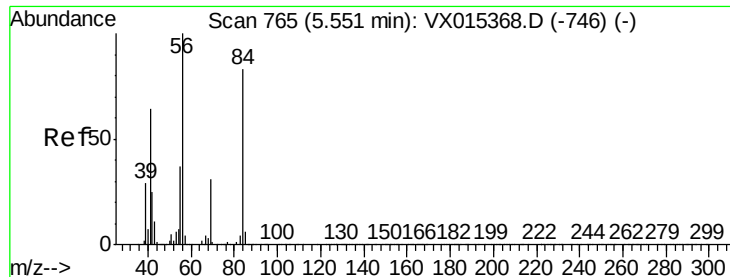
Tgt Ion: 83 Resp: 1063597

Ion Ratio Lower Upper

83 100

85 64.0 49.5 74.3





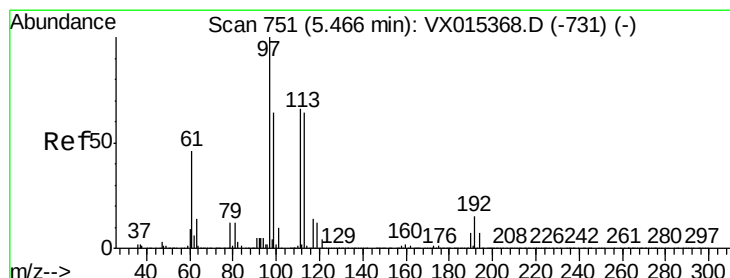
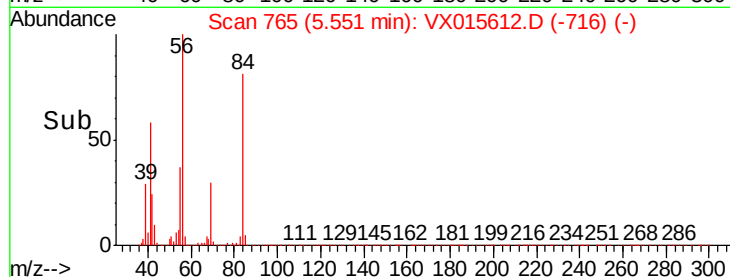
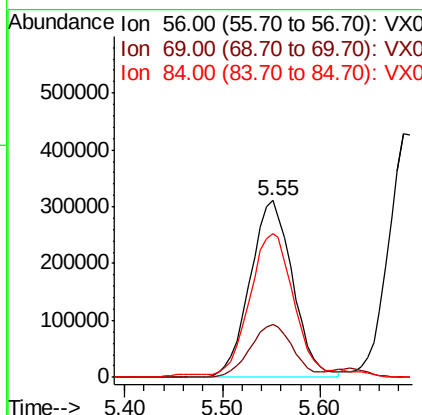
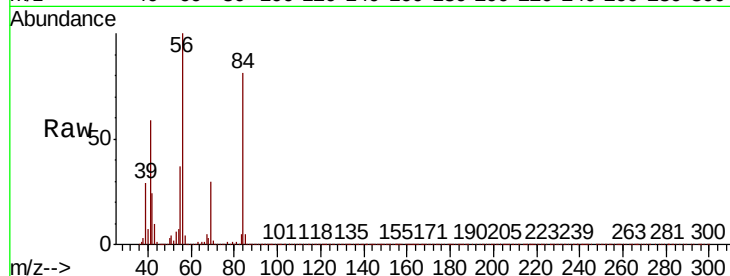
#31
Cyclohexane
Concen: 44.414 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.6	36.8
84	79.3	66.1	99.1

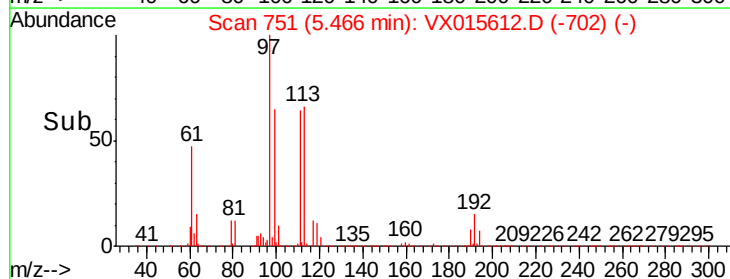
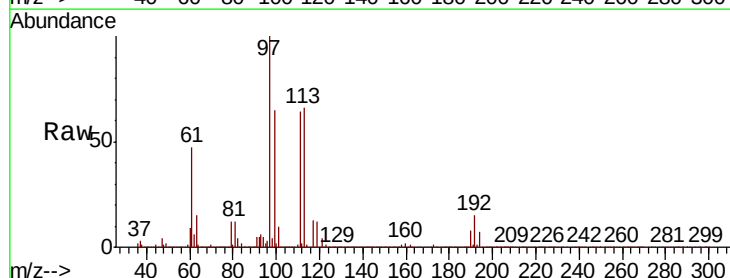
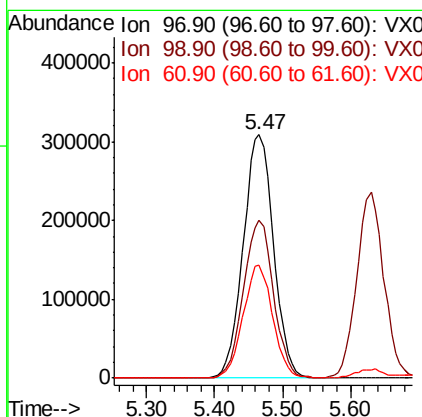
Manual Integrations
APPROVED

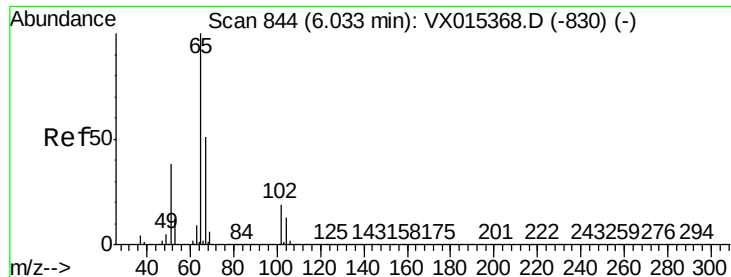
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#32
1,1,1-Trichloroethane
Concen: 45.072 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	45.2	36.1	54.1





#33

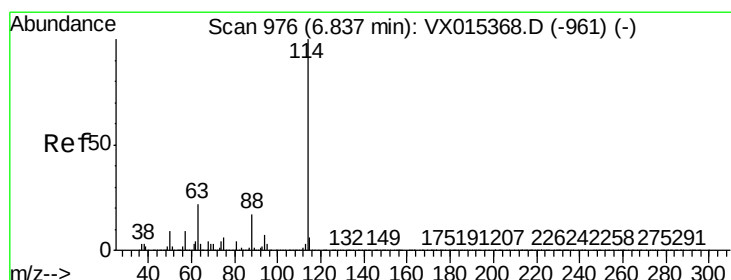
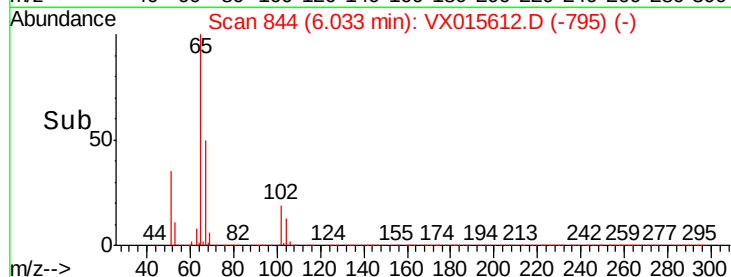
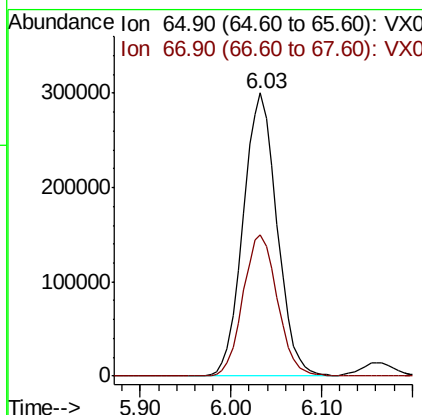
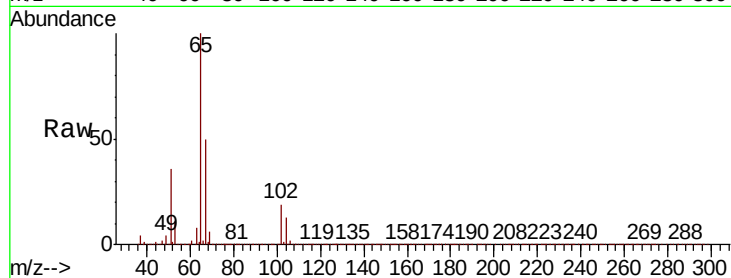
1,2-Dichloroethane-d4
Concen: 46.412 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.6

Manual Integrations
APPROVED

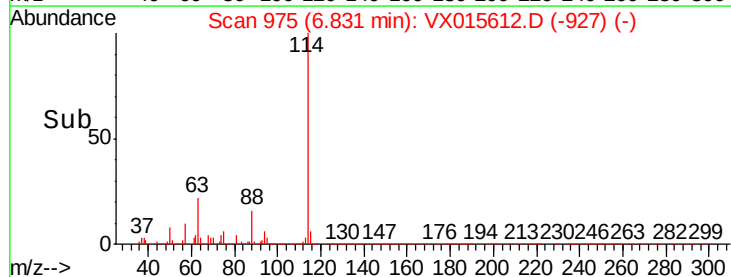
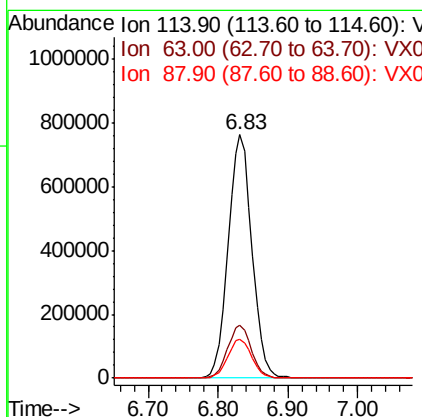
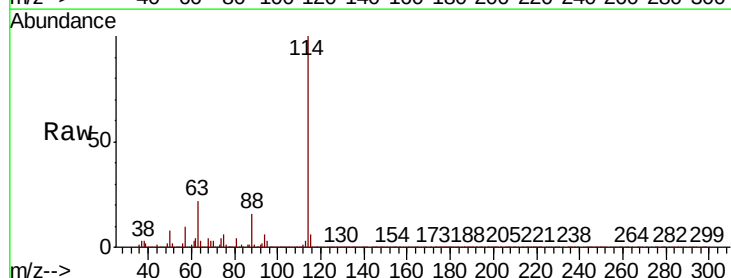
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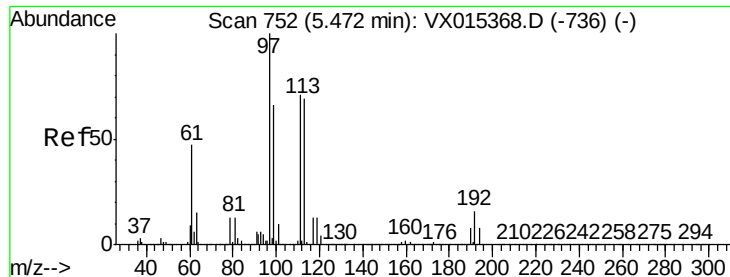


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 975
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.2
88	16.1	0.0	33.8





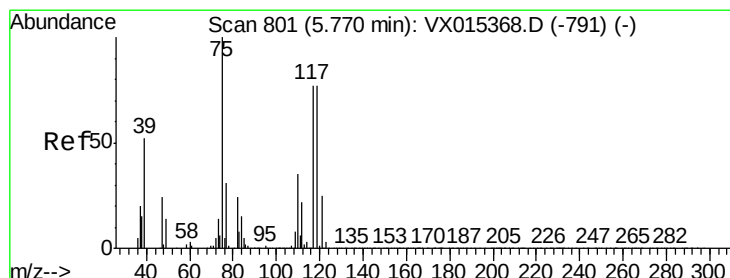
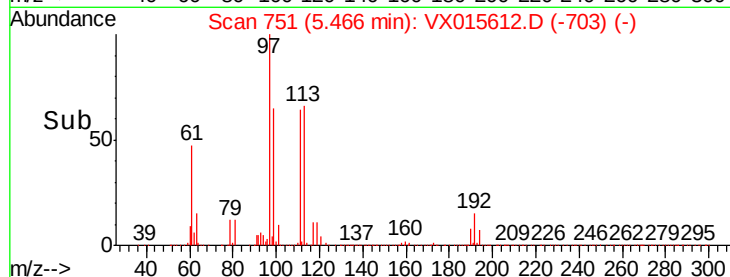
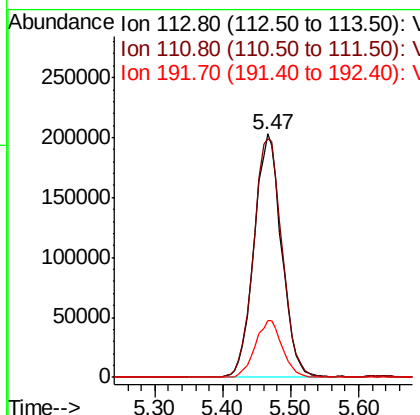
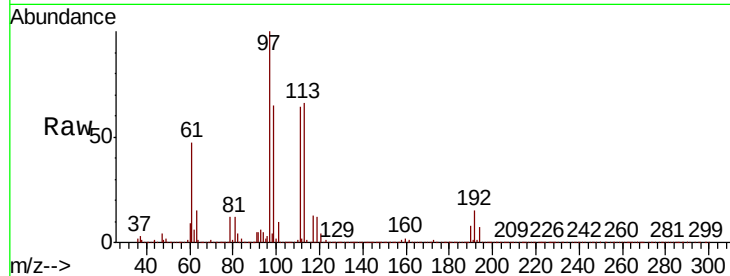
#35
Dibromofluoromethane
Concen: 49.809 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	570382		
111	101.7	81.5	122.3	
192	23.2	17.8	26.6	

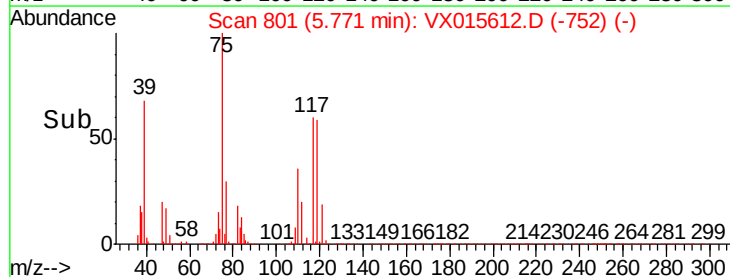
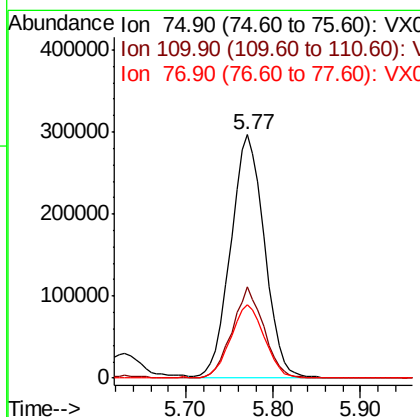
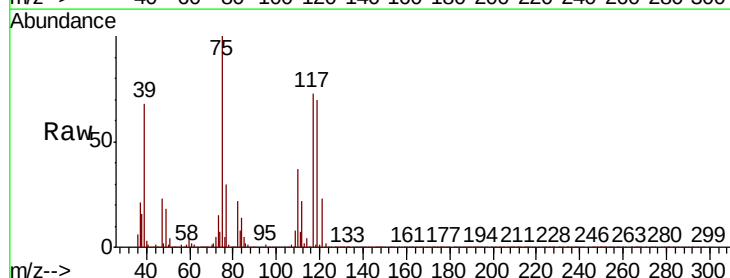
Manual Integrations
APPROVED

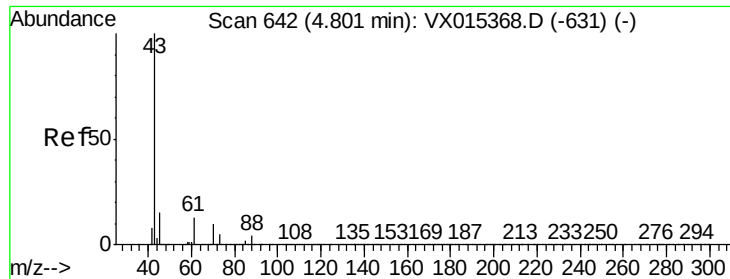
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#36
1,1-Dichloropropene
Concen: 47.779 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	788634		
110	35.0	17.1	51.3	
77	30.1	24.6	36.8	





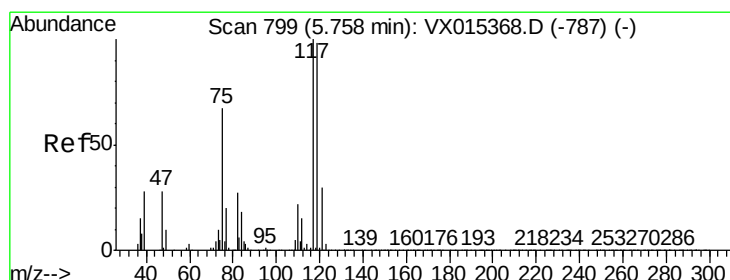
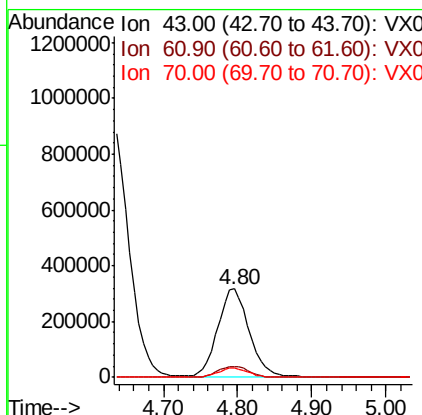
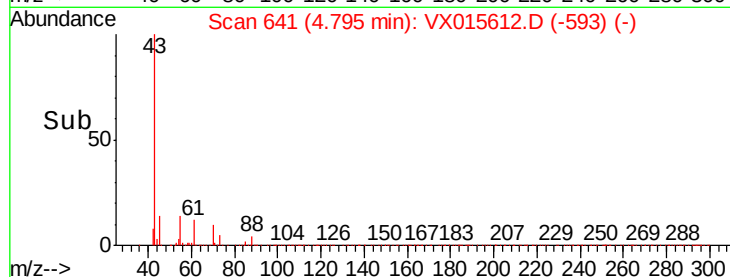
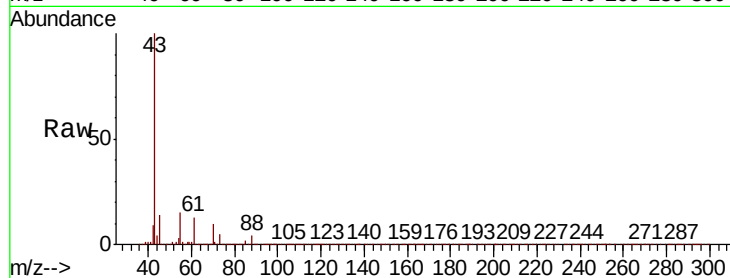
#37
Ethyl Acetate
Concen: 43.200 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	10.1	8.1	12.1

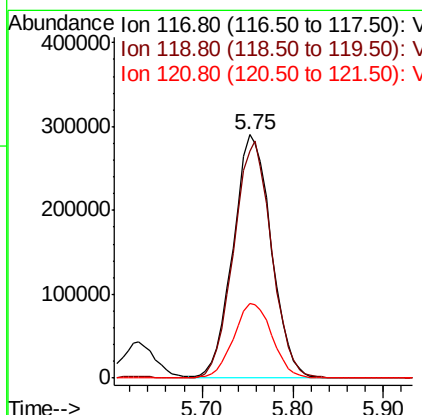
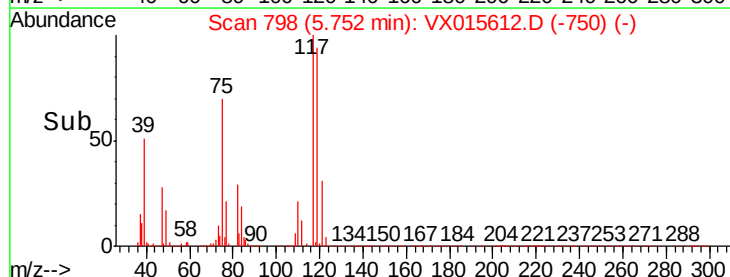
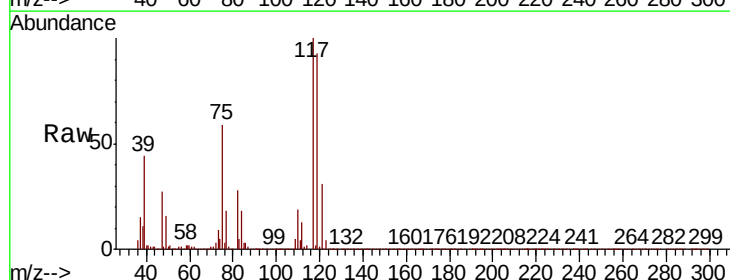
Manual Integrations
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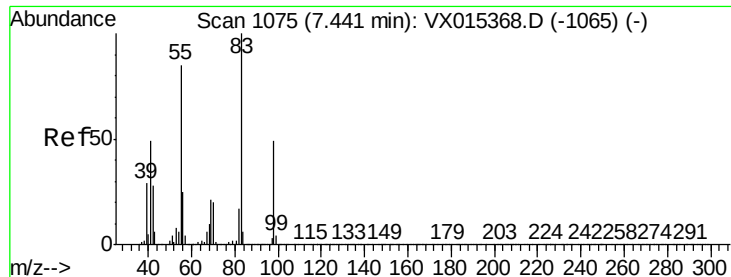
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#38
Carbon Tetrachloride
Concen: 47.167 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.0	117.0
121	30.6	23.8	35.8





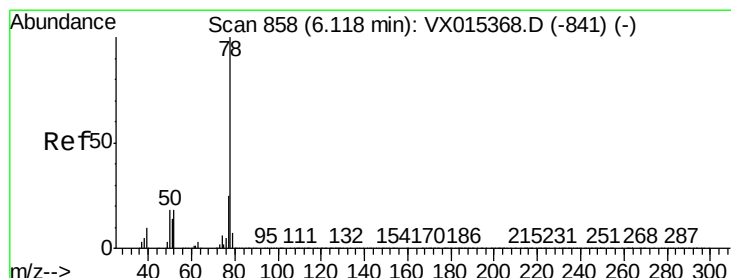
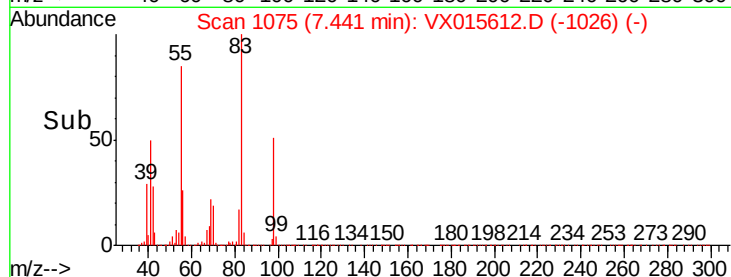
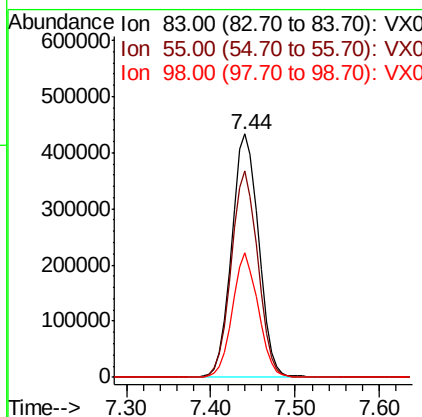
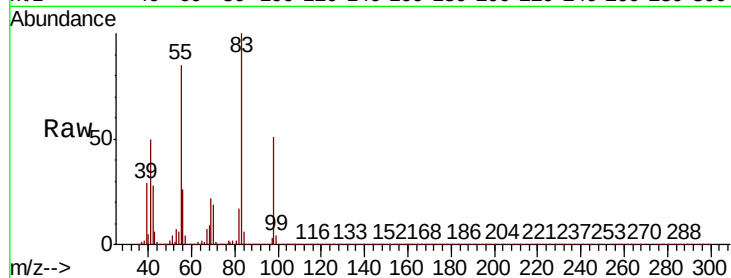
#39
Methylvlcyclohexane
Concen: 49.282 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.5	67.8	101.6
98	51.4	39.3	58.9

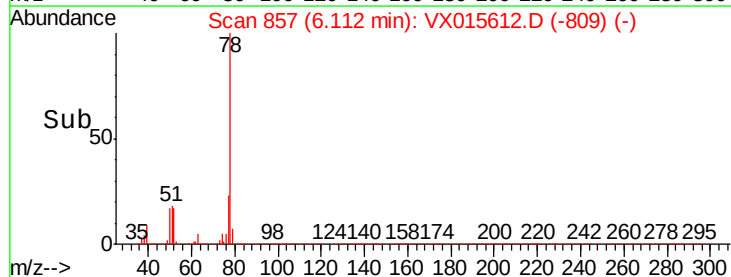
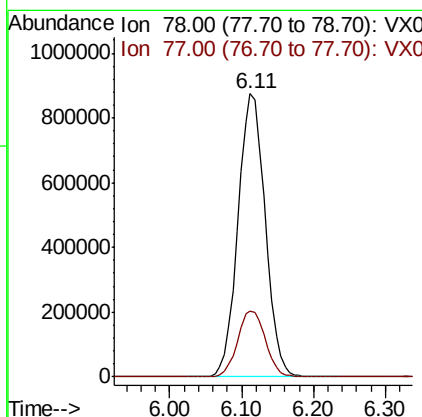
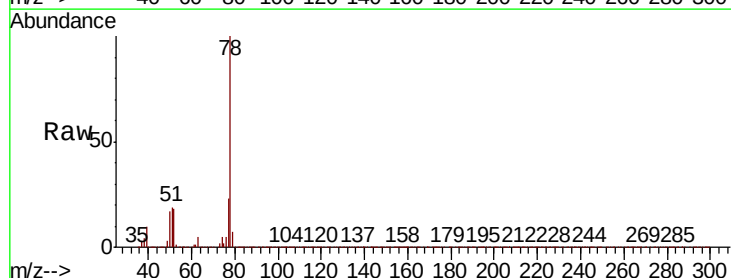
Manual Integrations
APPROVED

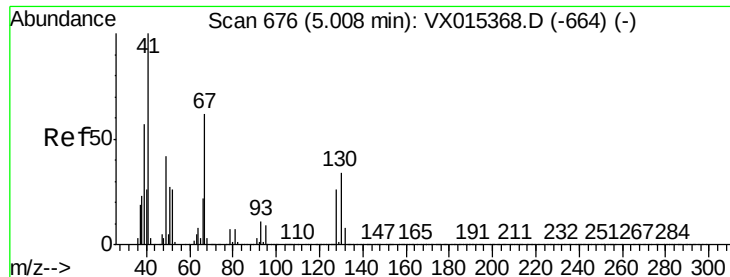
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#40
Benzene
Concen: 47.502 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.8	29.8





#41

Methacrylonitrile

Concen: 45.234 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

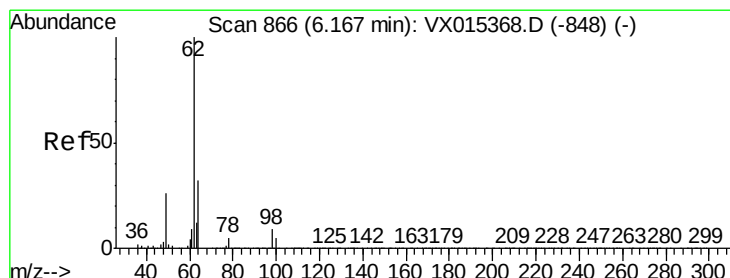
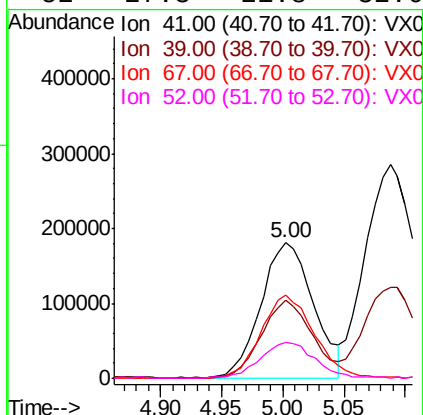
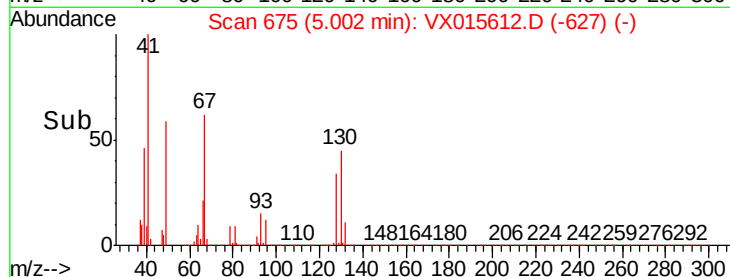
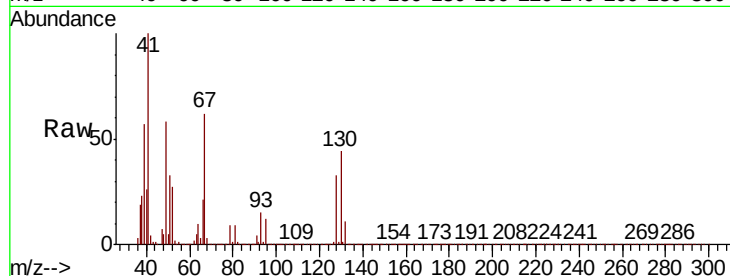
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		539670		
39	55.7	44.5	66.7		
67	61.9	48.9	73.3		
52	27.3	21.8	32.6		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.380 ug/l

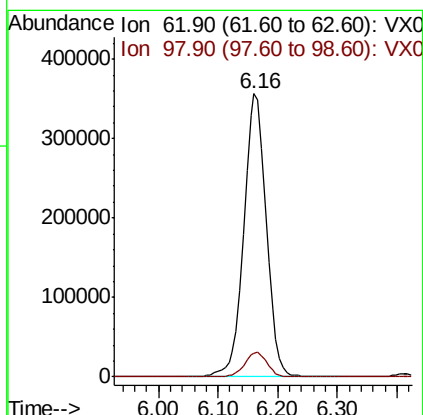
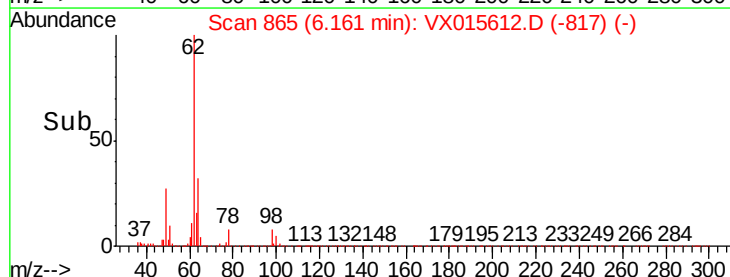
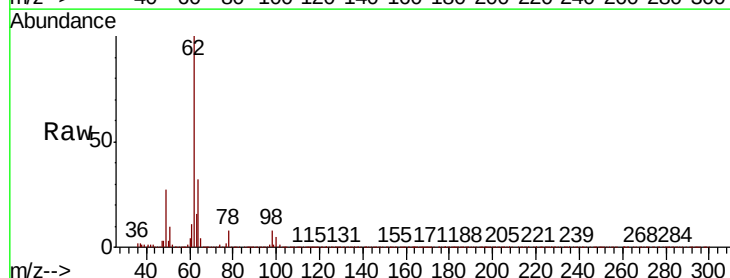
RT: 6.16 min Scan# 865

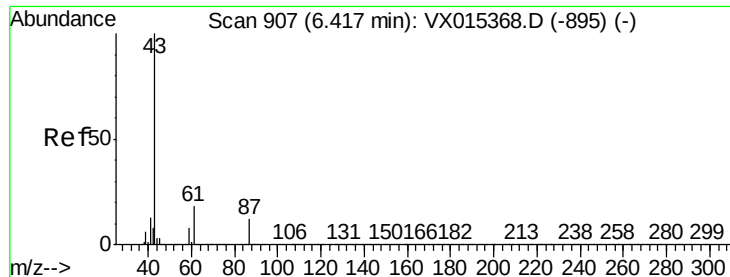
Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		939613		
98	8.6	0.0	17.6		





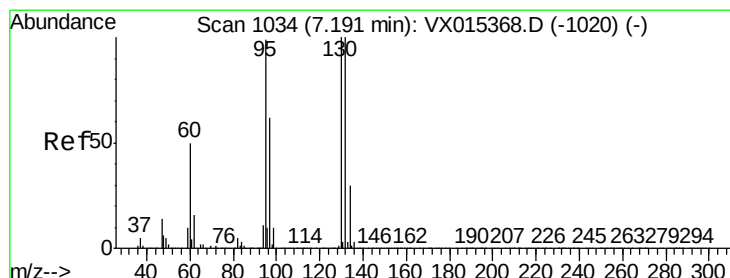
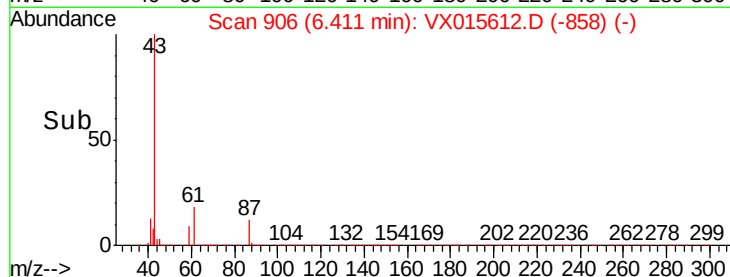
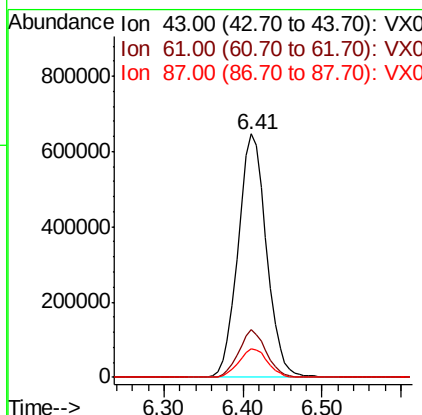
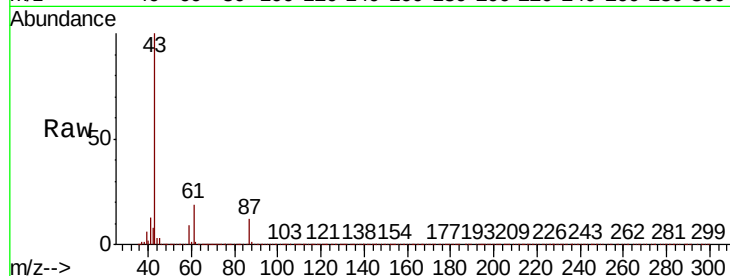
#43
Isopropyl Acetate
Concen: 44.430 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.8	22.2
87	11.9	9.4	14.0

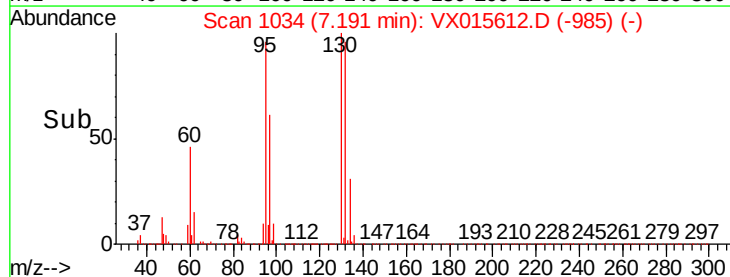
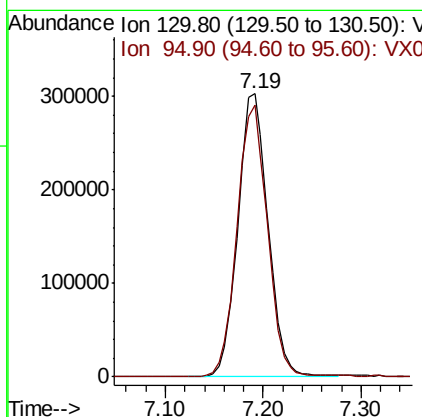
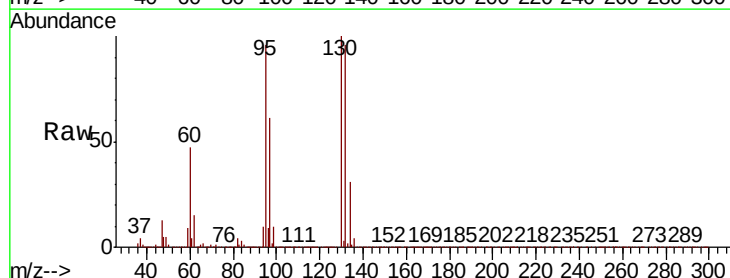
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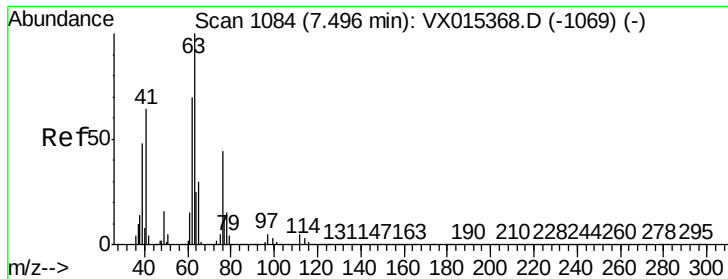
apatel
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#44
Trichloroethene
Concen: 49.120 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	199.0





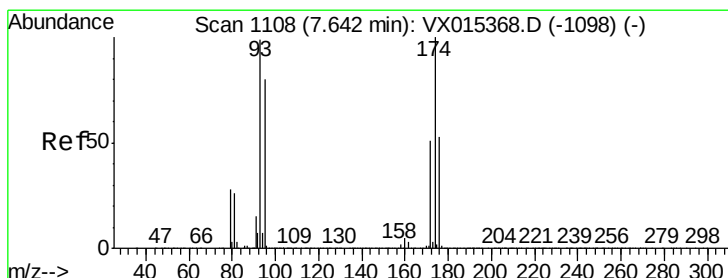
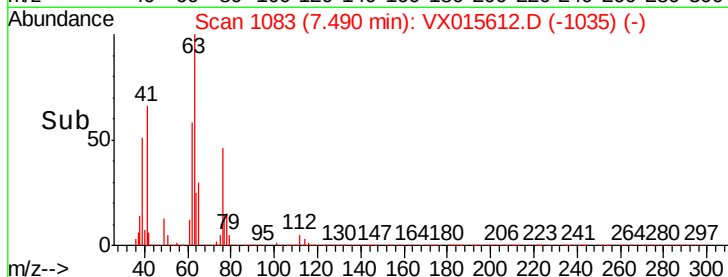
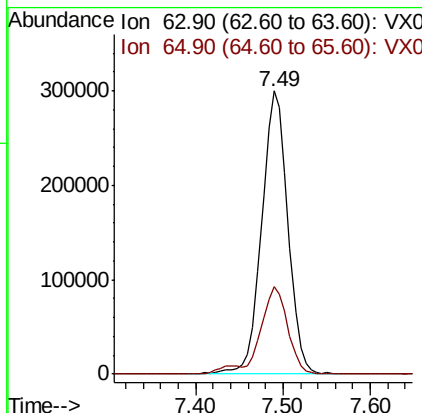
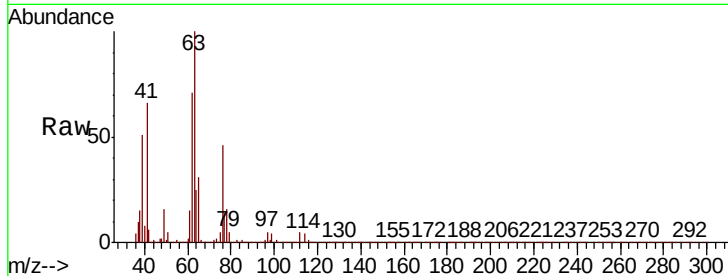
#45
 1,2-Dichloropropane
 Concen: 47.269 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	23.9	35.9

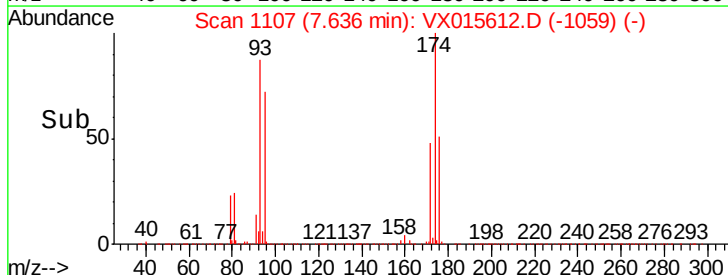
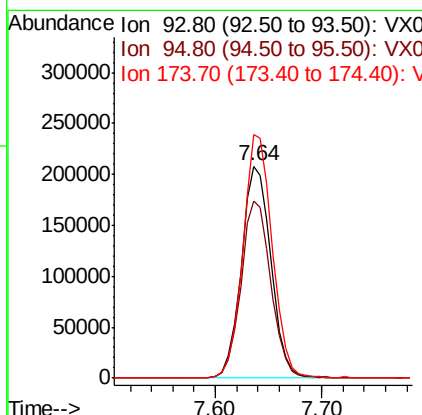
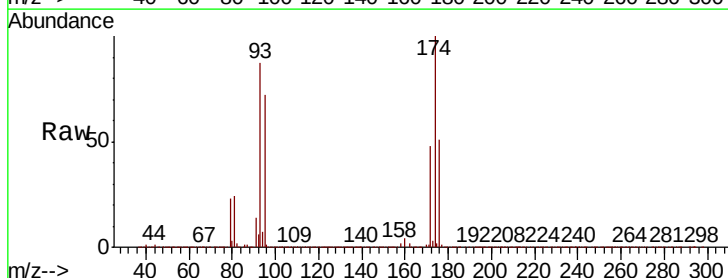
Manual Integrations
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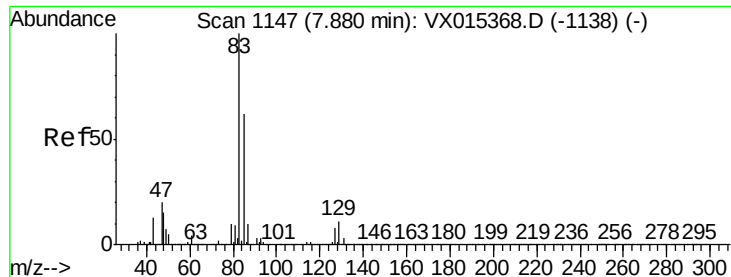
apatel
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#46
 Dibromomethane
 Concen: 46.630 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	65.8	98.8
174	114.2	86.2	129.2





#47

Bromodichloromethane

Concen: 47.651 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

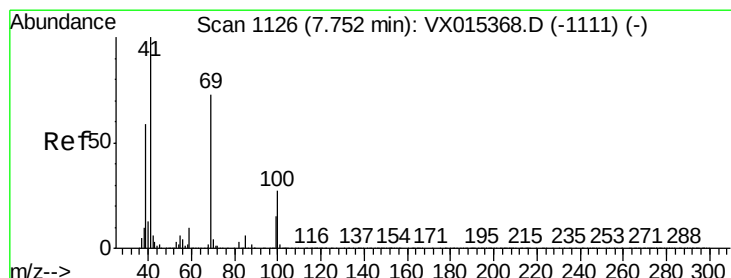
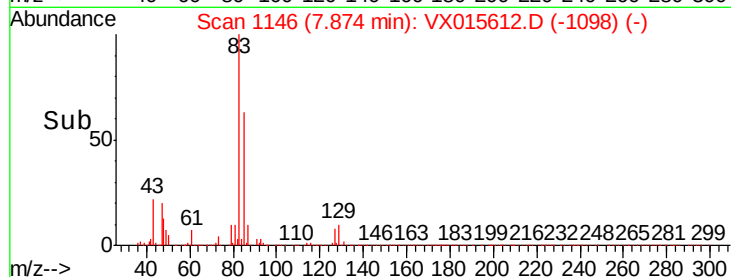
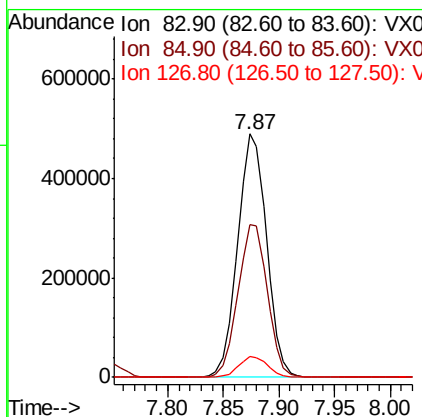
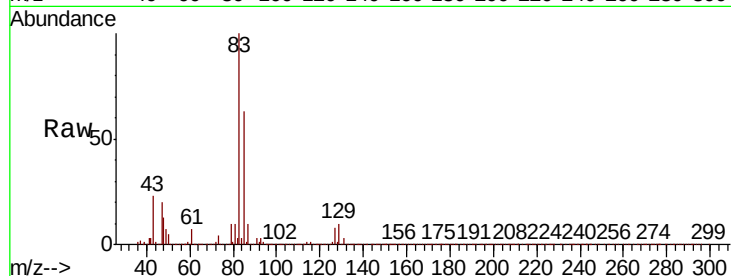
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	880966
Ion Ratio	Lower	Upper	
83	100		
85	62.8	49.7	74.5
127	8.4	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.145 ug/l

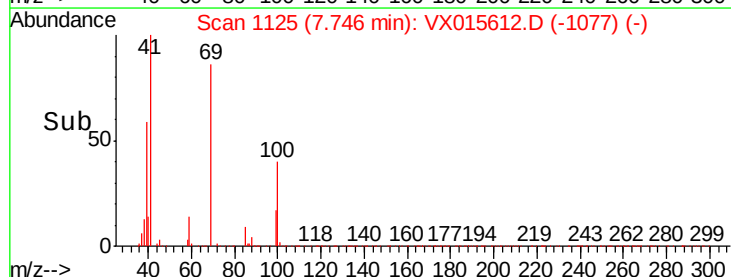
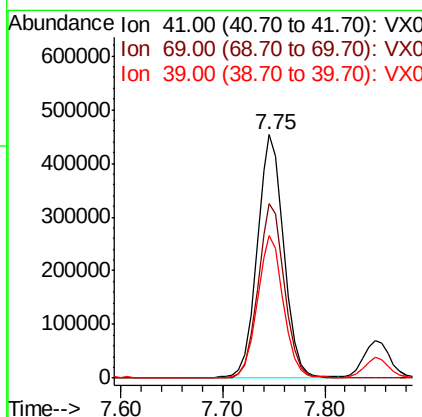
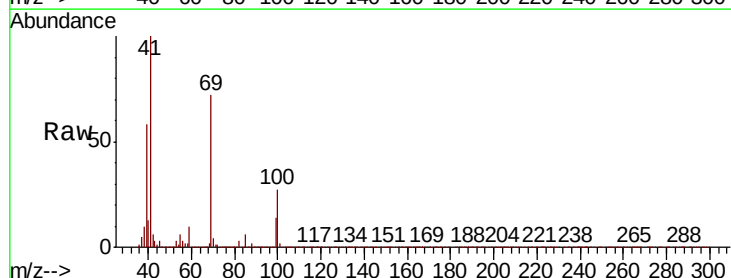
RT: 7.75 min Scan# 1125

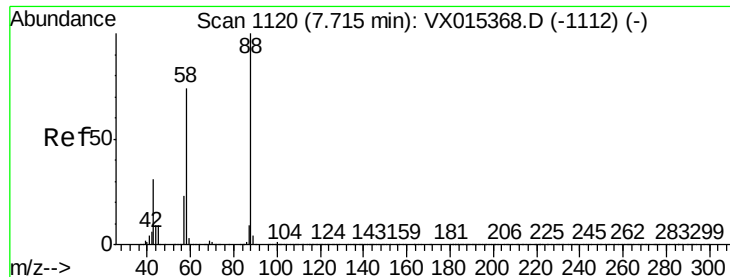
Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion:	41	Resp:	818115
Ion Ratio	Lower	Upper	
41	100		
69	71.6	56.7	85.1
39	57.3	46.5	69.7





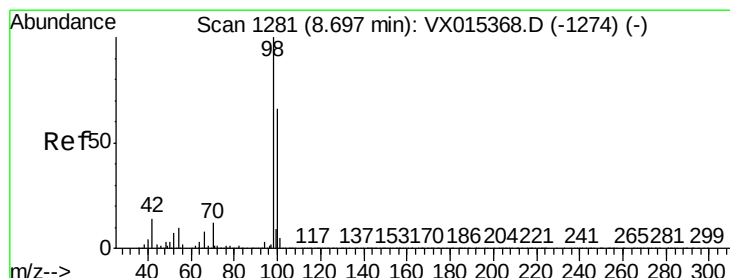
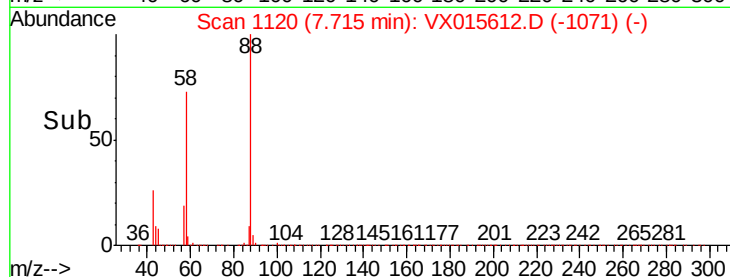
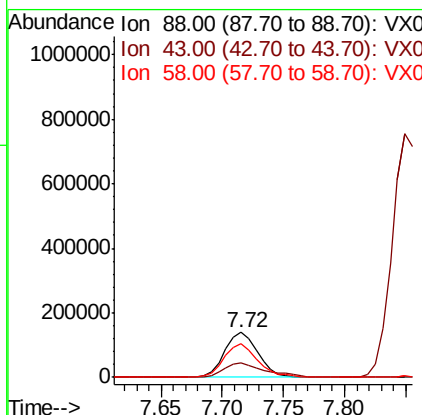
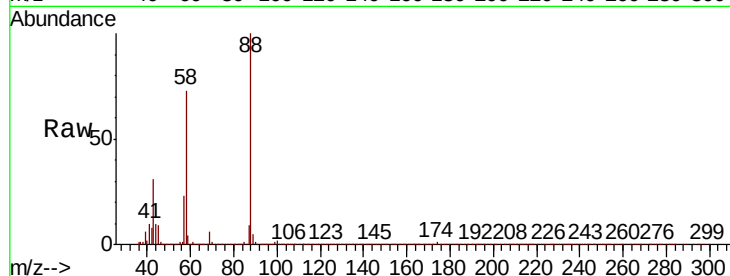
#49
1,4-Dioxane
Concen: 777.456 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	88	Resp:	262829
Ion	Ratio	Lower	Upper
88	100		
43	38.2	30.1	45.1
58	74.9	60.6	90.8

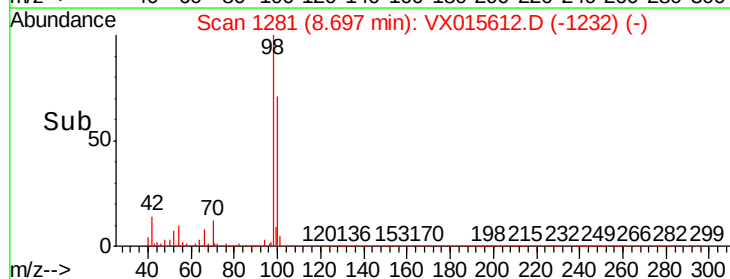
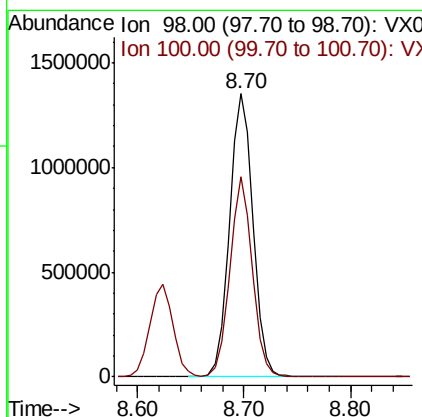
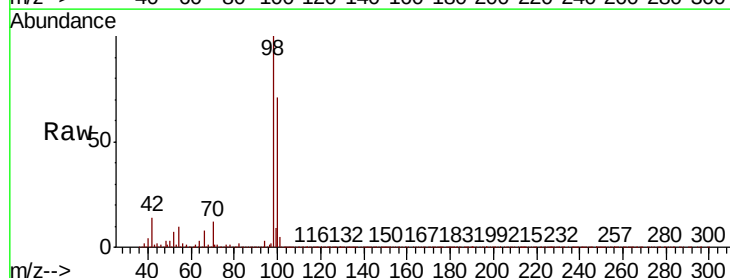
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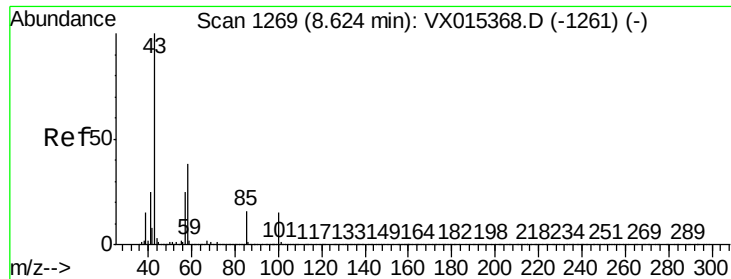
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#50
Toluene-d8
Concen: 49.485 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:	98	Resp:	2086337
Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.5	80.3





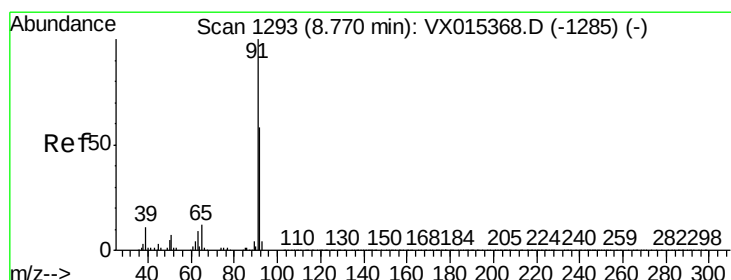
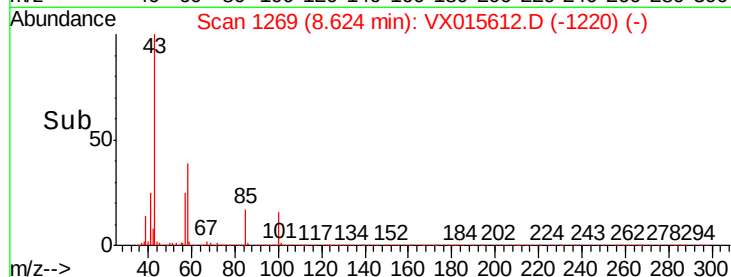
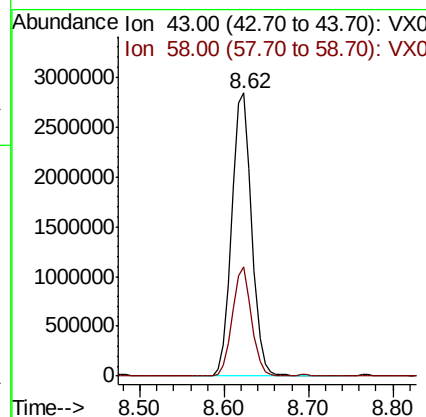
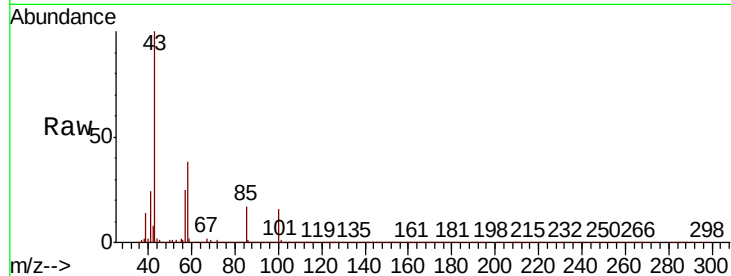
#51
4-Methyl-2-Pentanone
Concen: 224.288 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 4611606
Ion Ratio Lower Upper
43 100
58 36.9 29.7 44.5

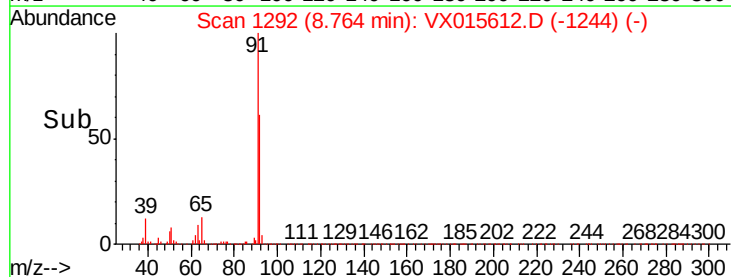
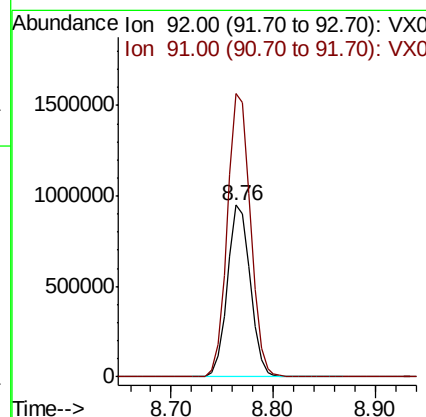
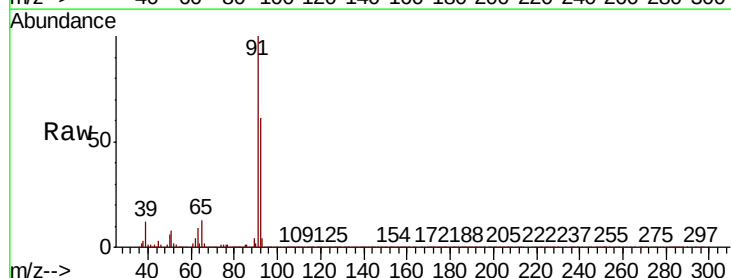
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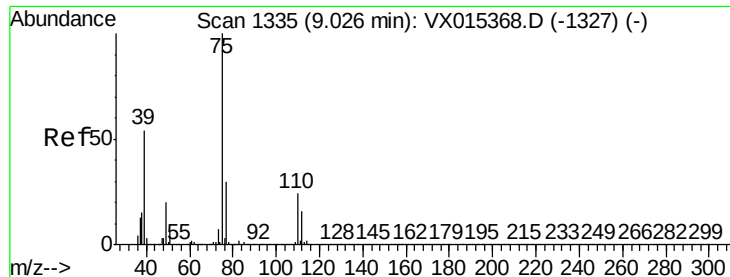
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#52
Toluene
Concen: 49.303 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 92 Resp: 1469695
Ion Ratio Lower Upper
92 100
91 167.5 136.6 205.0





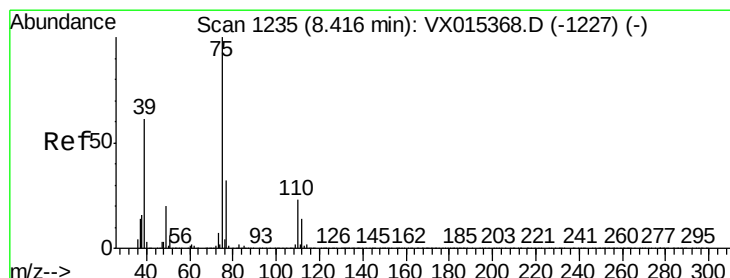
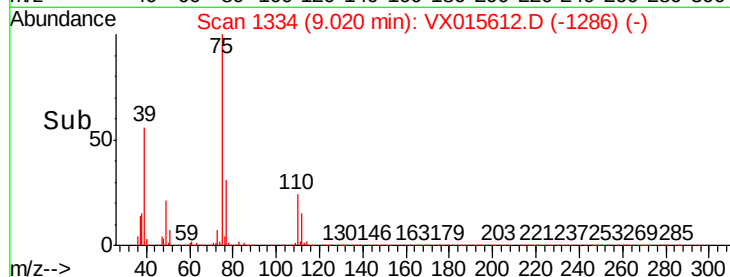
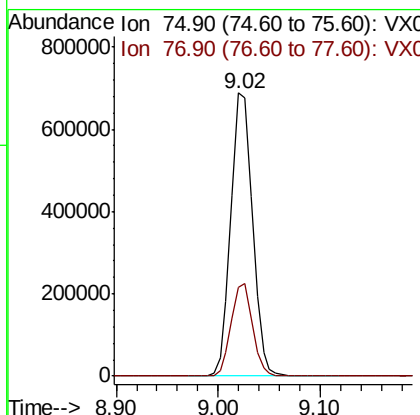
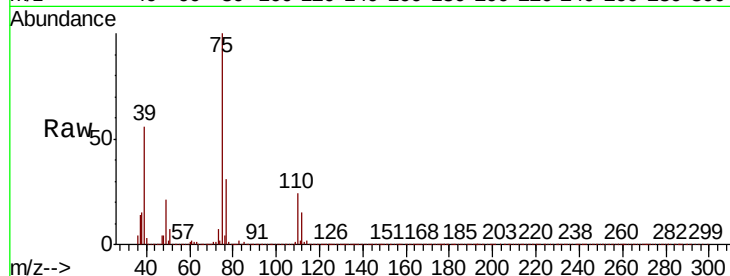
#53
t-1,3-Dichloropropene
Concen: 46.700 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 1012603
Ion Ratio Lower Upper
75 100
77 31.1 24.1 36.1

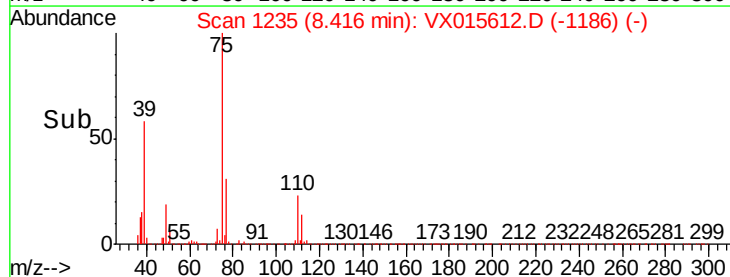
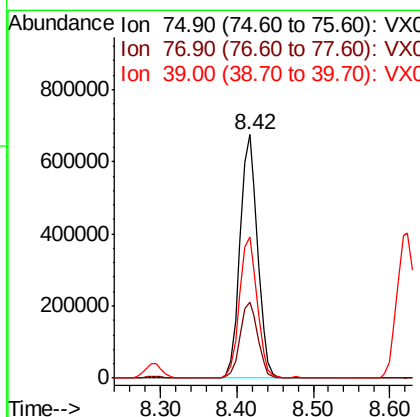
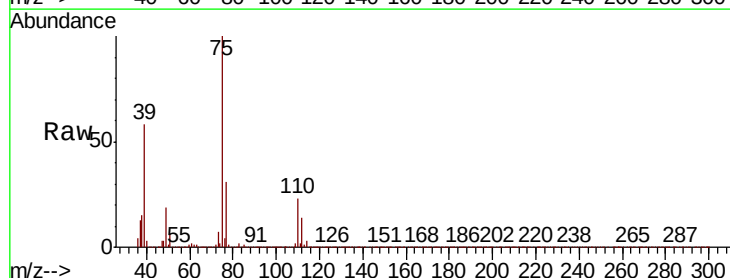
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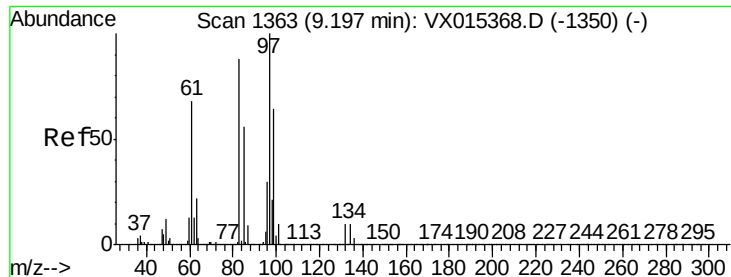
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#54
cis-1,3-Dichloropropene
Concen: 48.323 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 75 Resp: 1067334
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6
39 57.8 49.0 73.4





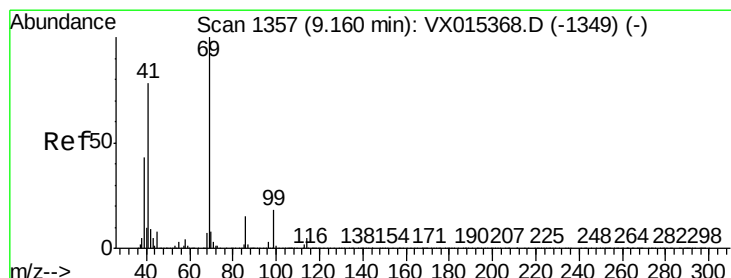
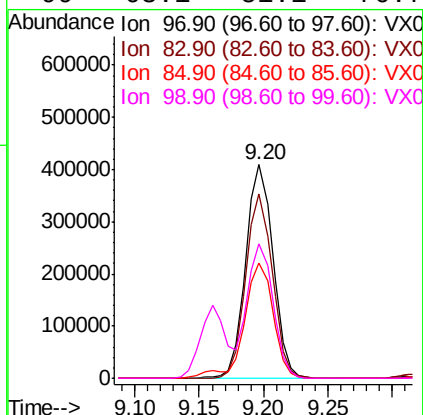
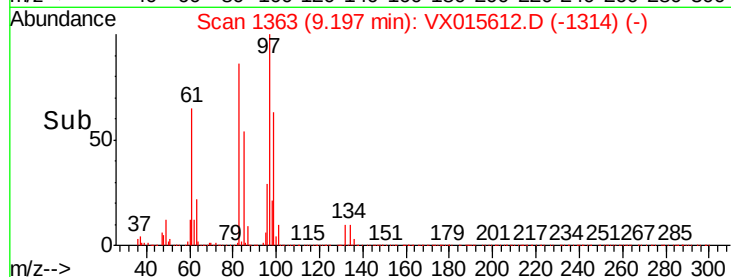
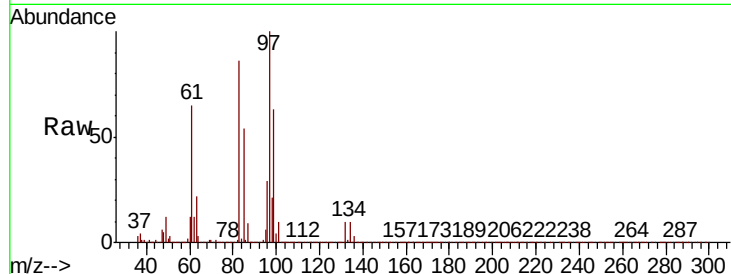
#55
 1,1,2-Trichloroethane
 Concen: 48.796 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		595954		
83	86.3	70.2	105.4		
85	53.7	44.7	67.1		
99	63.1	51.1	76.7		

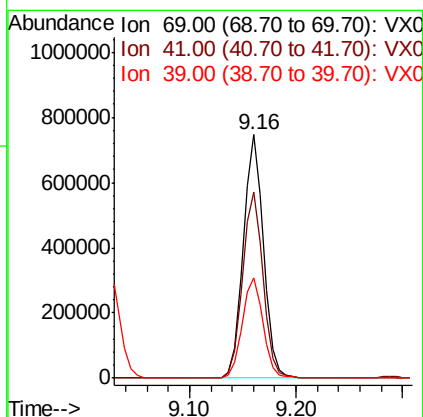
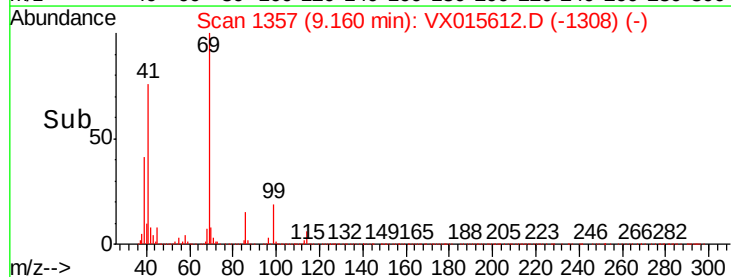
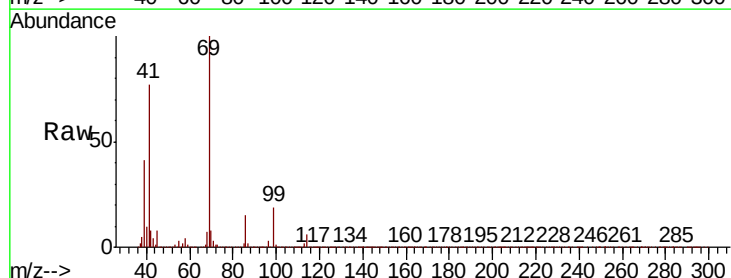
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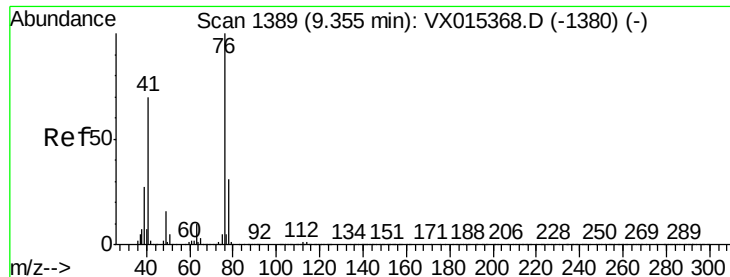
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#56
 Ethyl methacrylate
 Concen: 46.169 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		993741		
41	77.5	61.6	92.4		
39	42.2	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 46.867 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1031258

Ion Ratio Lower Upper

76 100

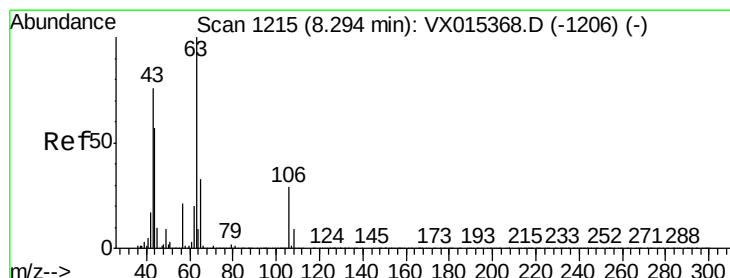
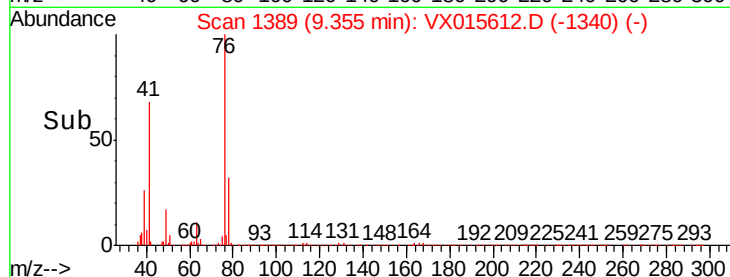
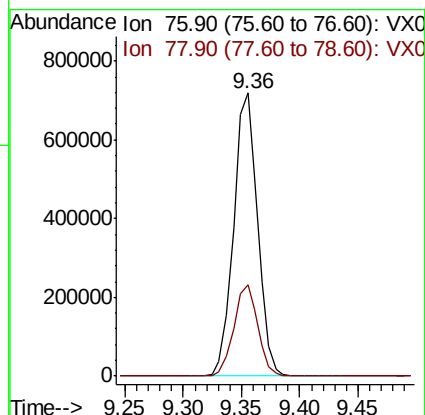
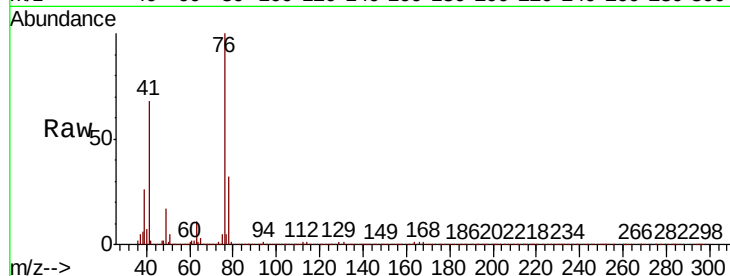
78 32.3 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 244.214 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015612.D

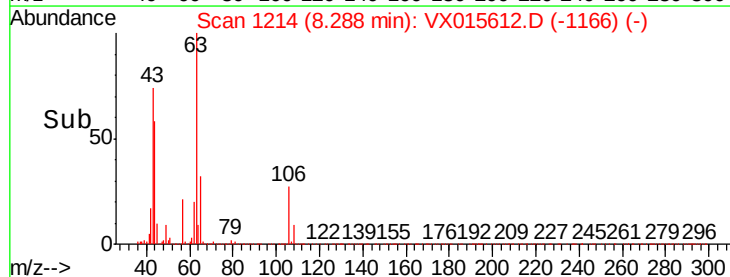
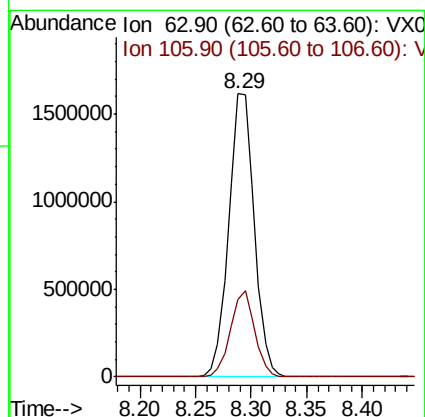
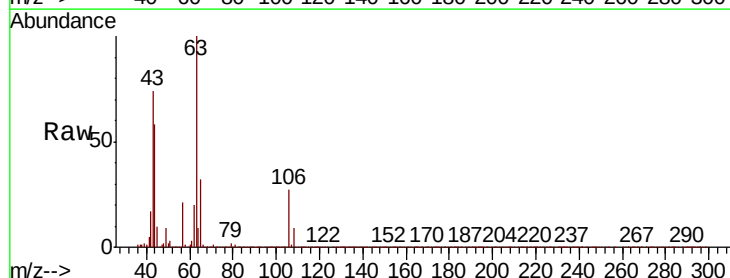
Acq: 10 Apr 2020 11:46

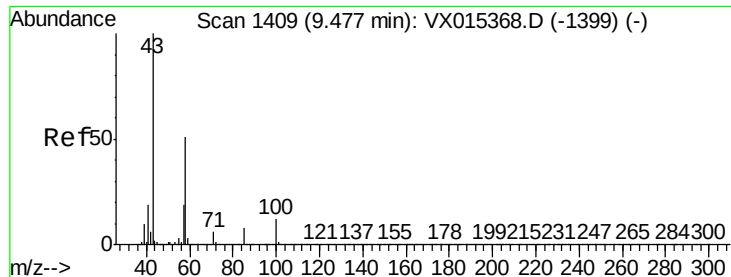
Tgt Ion: 63 Resp: 2556762

Ion Ratio Lower Upper

63 100

106 28.9 22.7 34.1





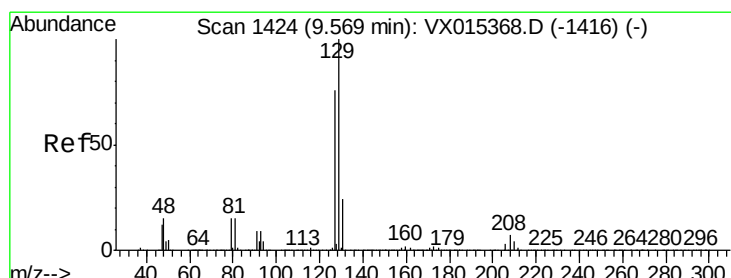
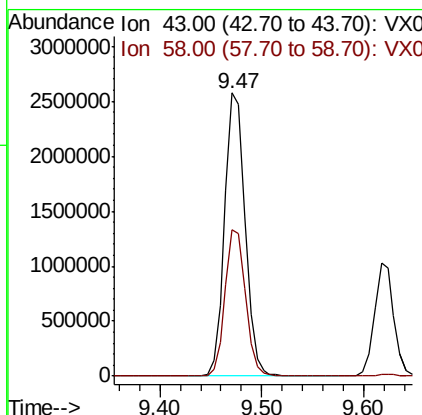
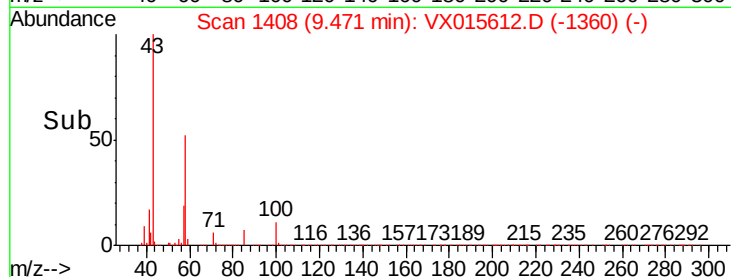
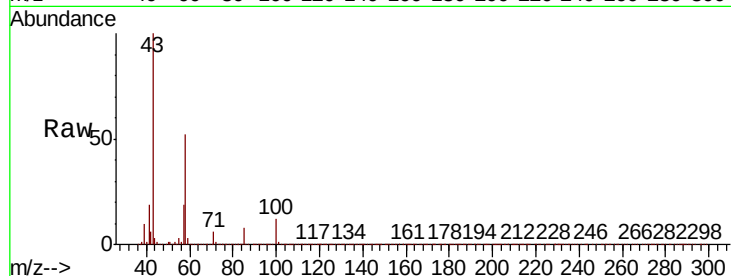
#59
2-Hexanone
Concen: 231.477 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3593254
Ion Ratio Lower Upper
43 100
58 51.8 25.6 76.6

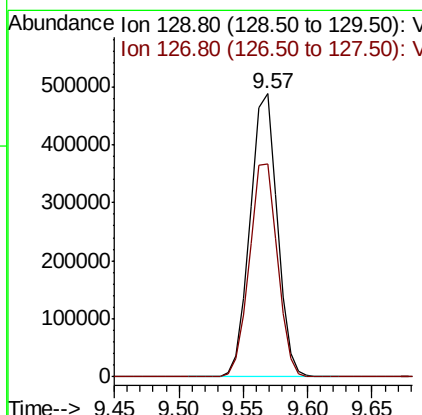
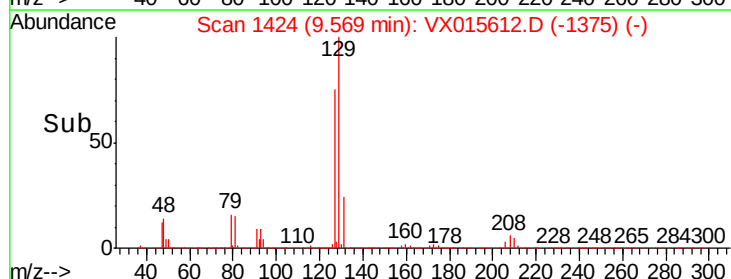
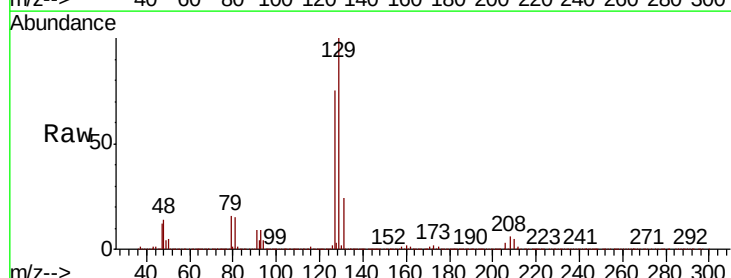
Manual Integrations
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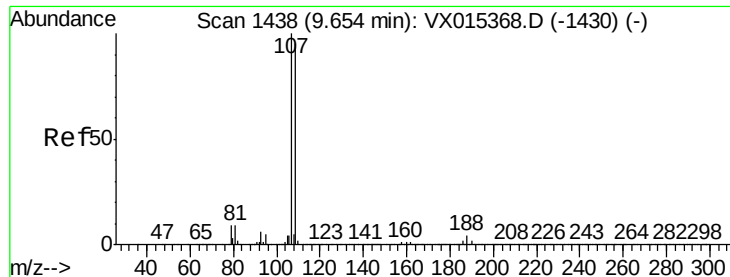
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#60
Dibromochloromethane
Concen: 48.107 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 129 Resp: 706004
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





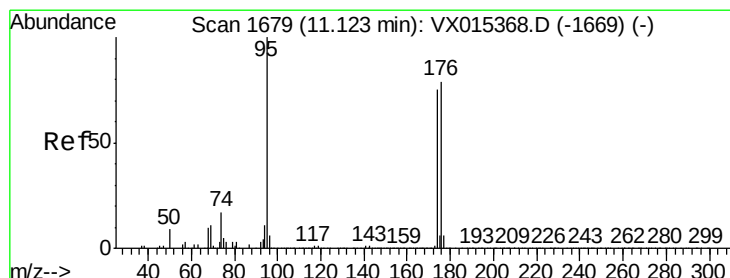
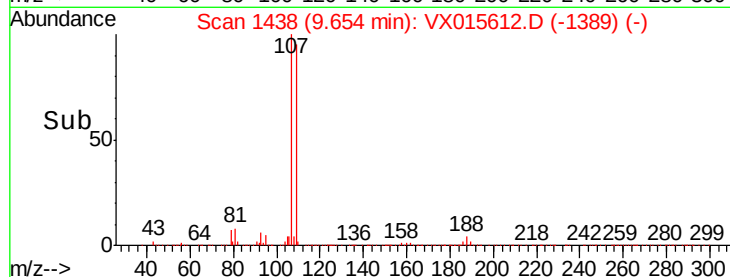
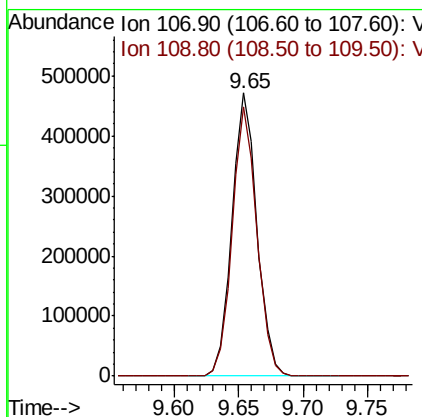
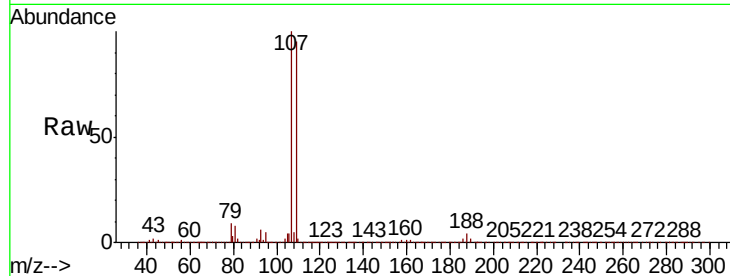
#61
 1,2-Dibromoethane
 Concen: 48.102 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.8	112.2

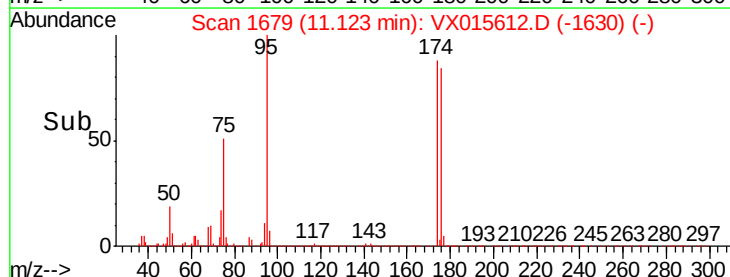
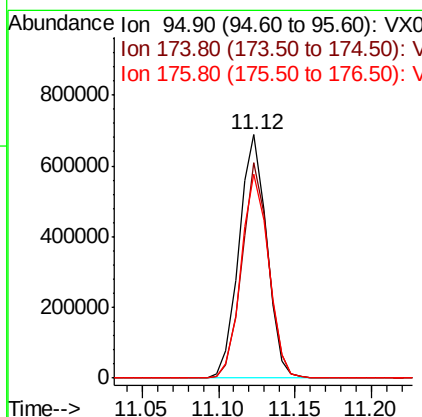
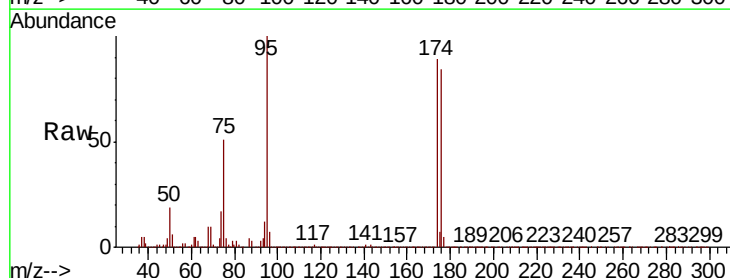
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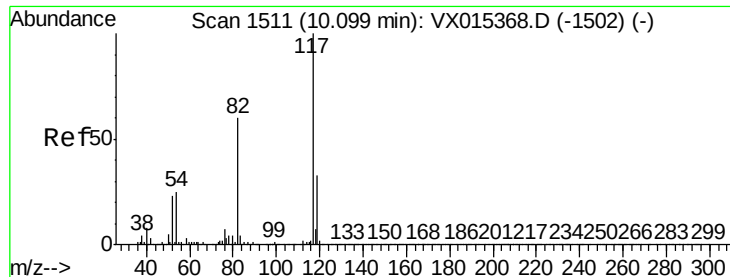
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.449 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	158.6
176	83.6	0.0	159.0





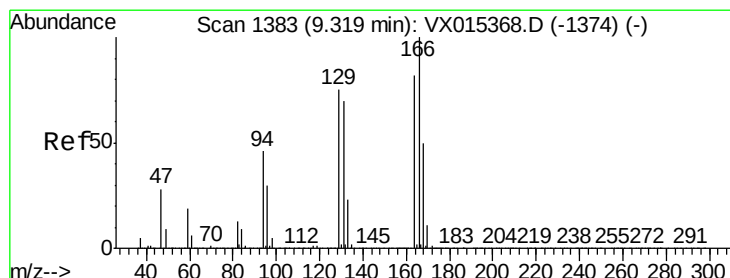
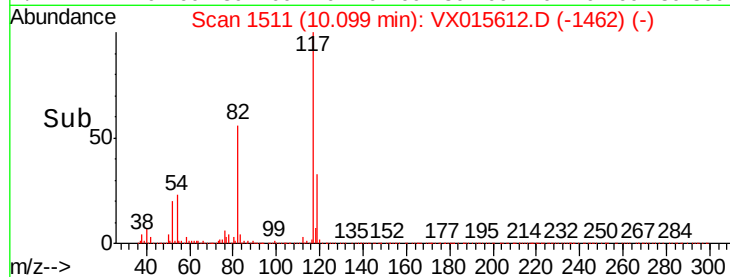
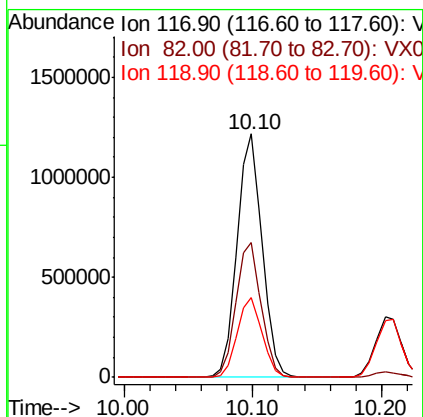
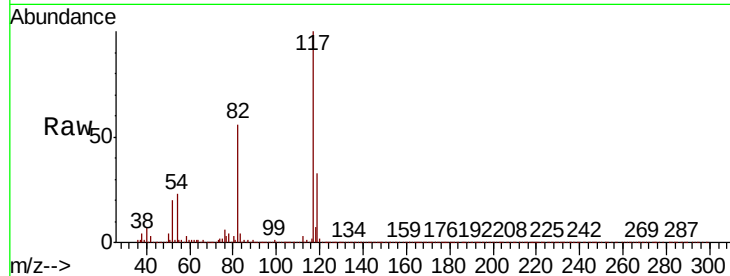
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	47.8	71.8
119	32.7	26.8	40.2

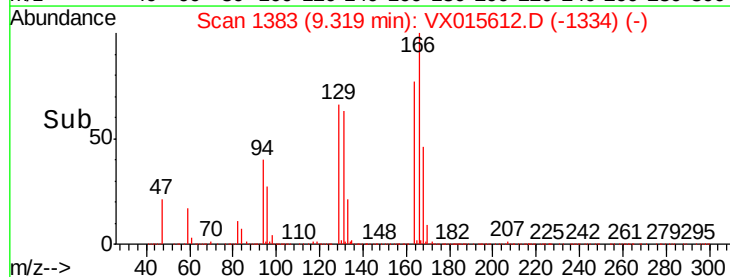
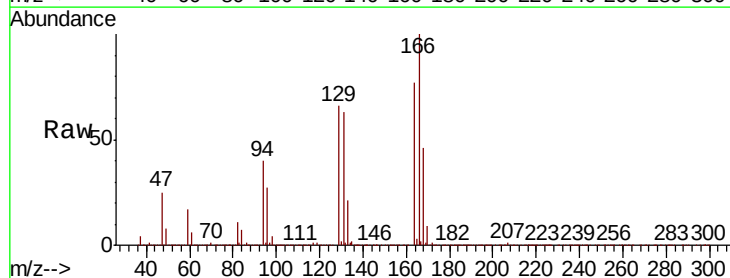
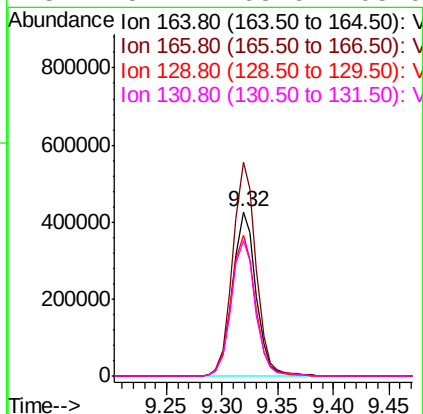
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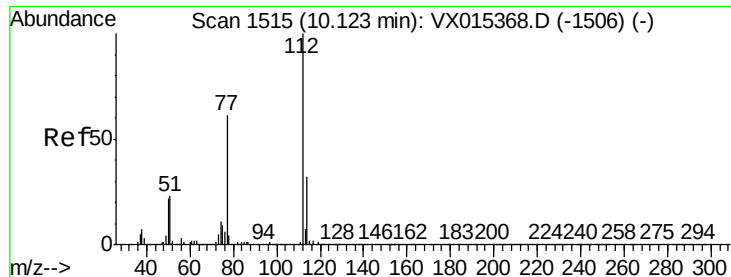
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#64
Tetrachloroethene
Concen: 50.222 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	97.8	146.6
129	85.5	73.0	109.4
131	82.4	68.6	103.0





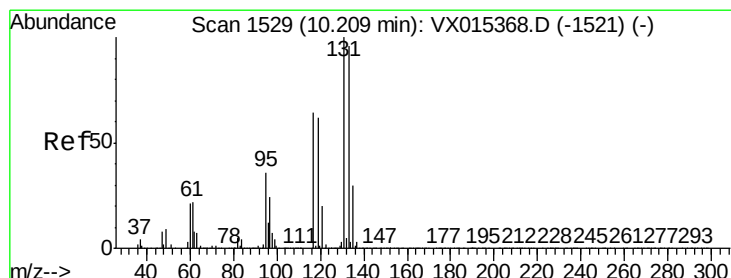
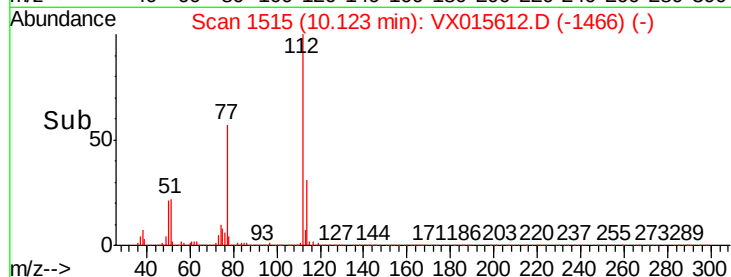
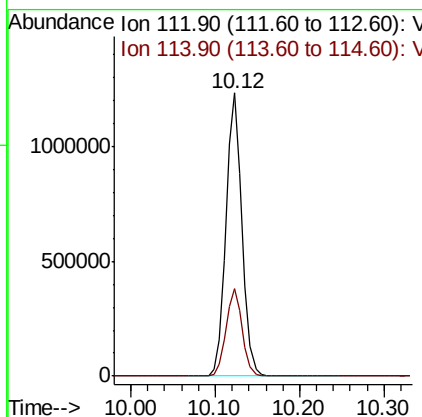
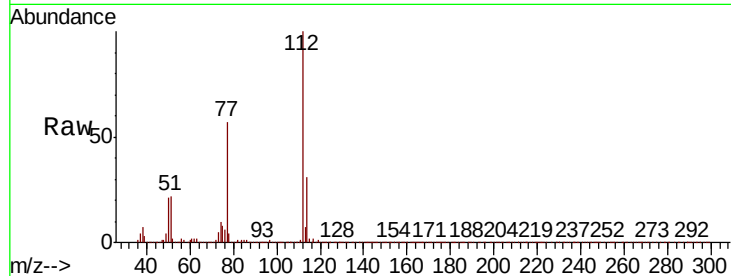
#65
Chlorobenzene
Concen: 49.369 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1613396
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3

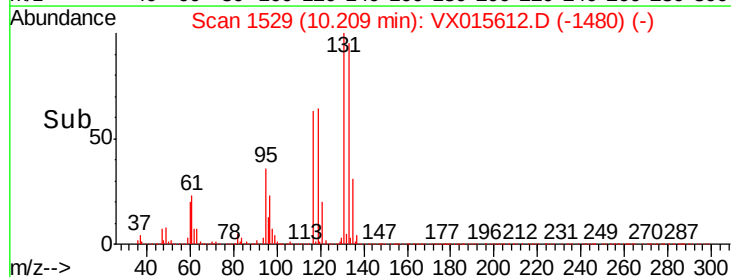
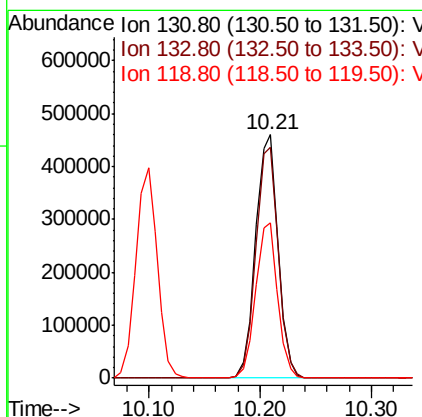
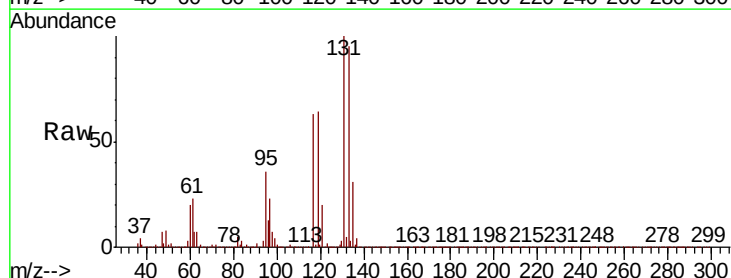
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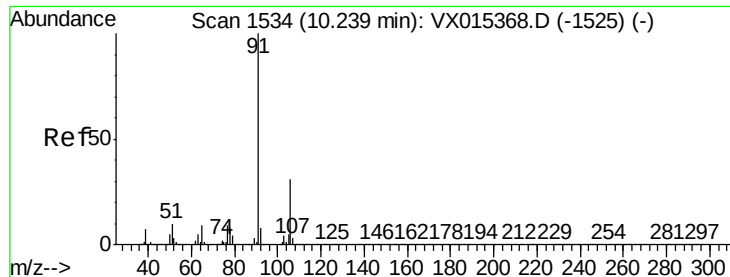
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.487 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:131 Resp: 646097
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 62.2 31.1 93.3





#67

Ethyl Benzene

Concen: 49.588 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 2874186

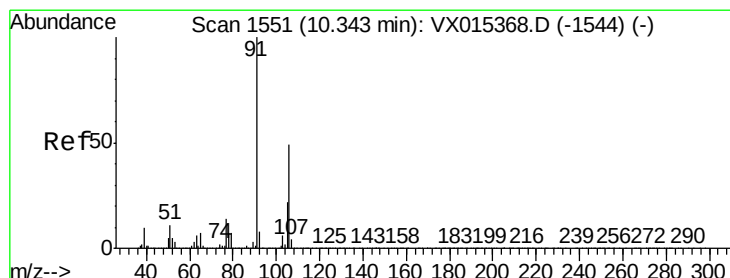
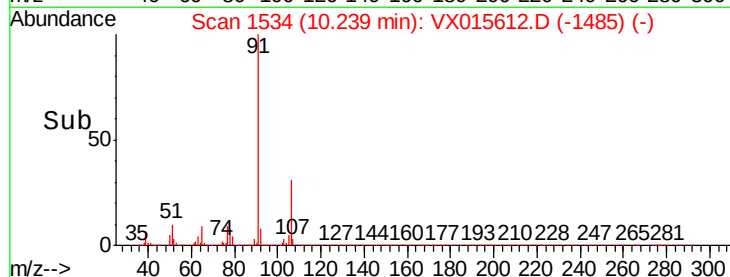
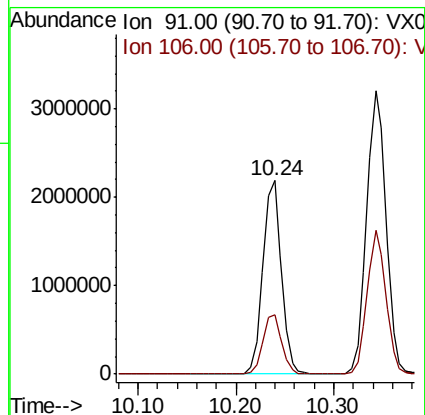
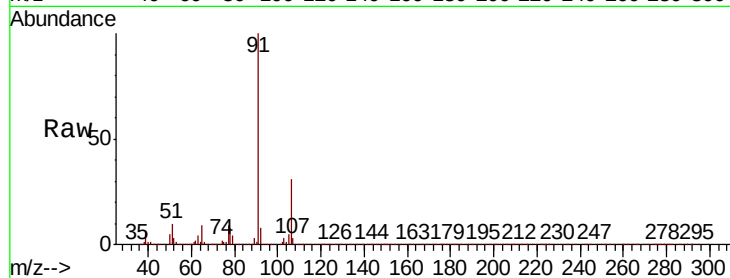
Ion Ratio Lower Upper

91 100

106 30.9 24.8 37.2

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#68

m/p-Xylenes

Concen: 101.170 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015612.D

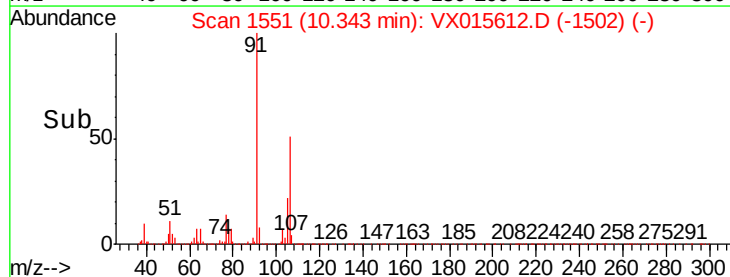
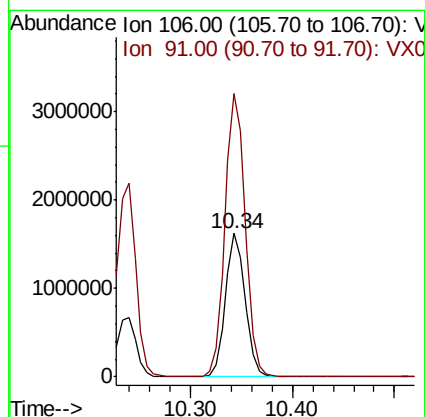
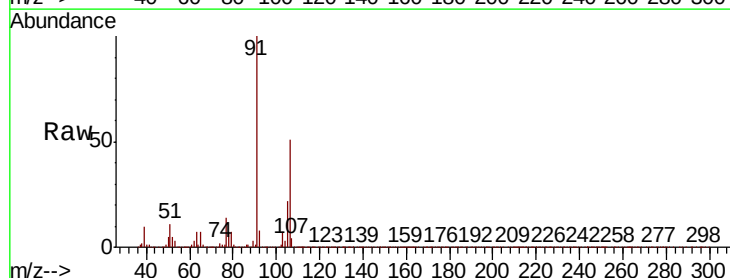
Acq: 10 Apr 2020 11:46

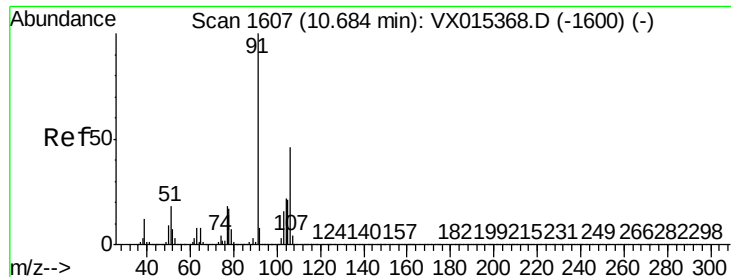
Tgt Ion:106 Resp: 2183537

Ion Ratio Lower Upper

106 100

91 202.1 163.4 245.0





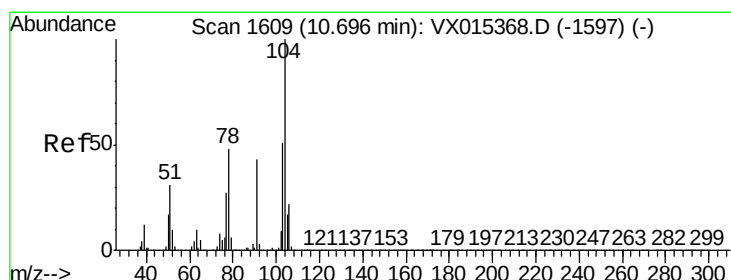
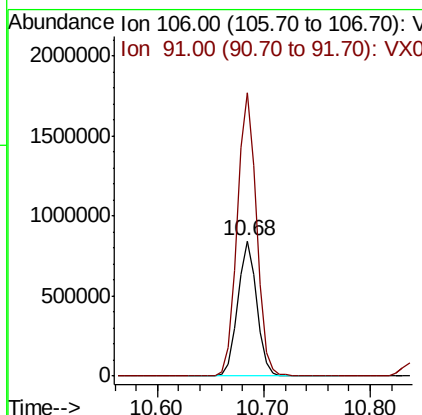
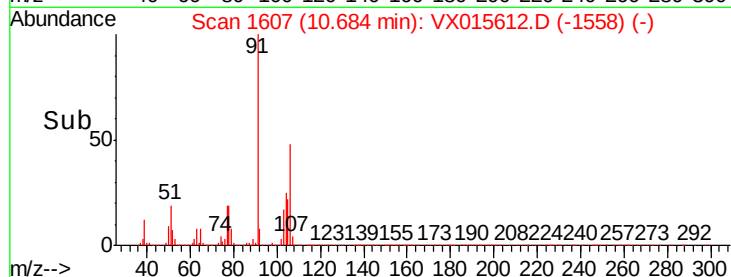
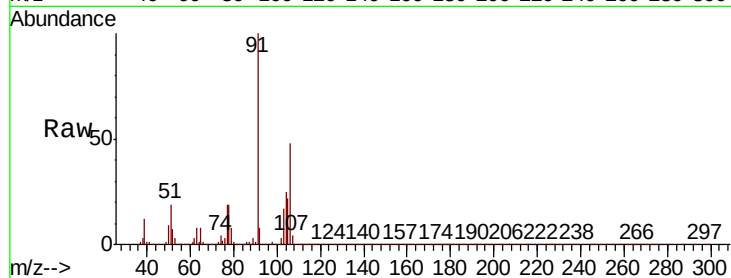
#69
o-Xylene
Concen: 49.716 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1060312
Ion Ratio Lower Upper
106 100
91 212.6 107.1 321.3

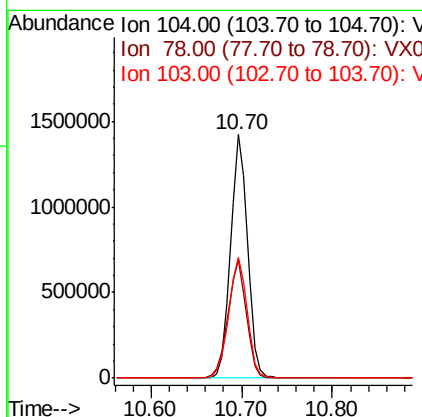
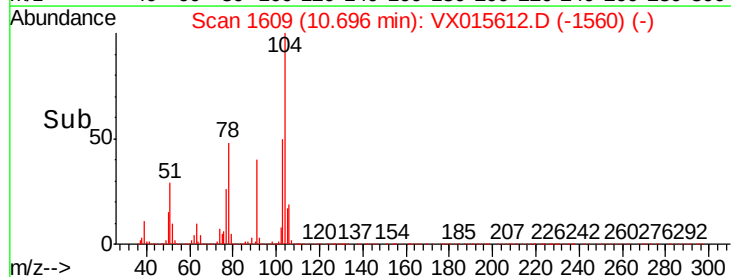
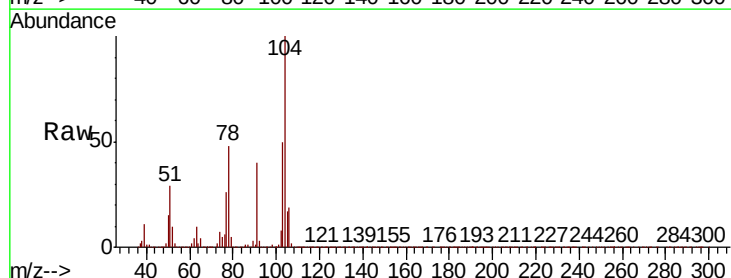
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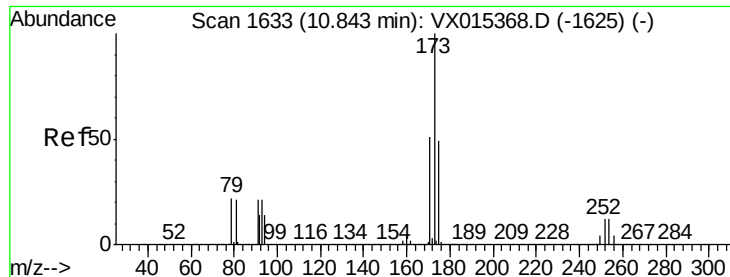
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#70
Styrene
Concen: 49.126 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:104 Resp: 1843660
Ion Ratio Lower Upper
104 100
78 52.5 42.0 63.0
103 54.1 43.4 65.0





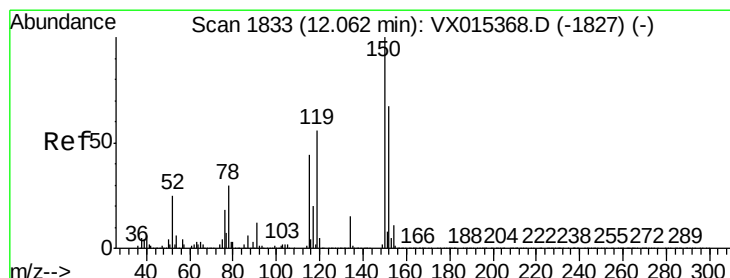
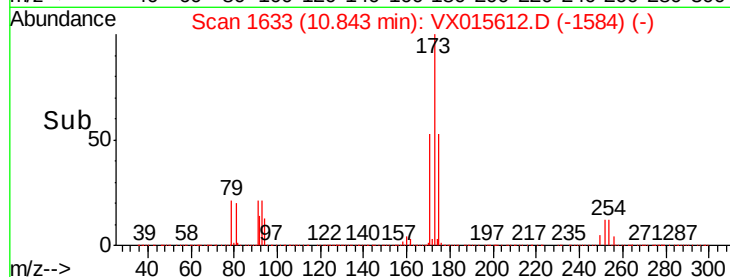
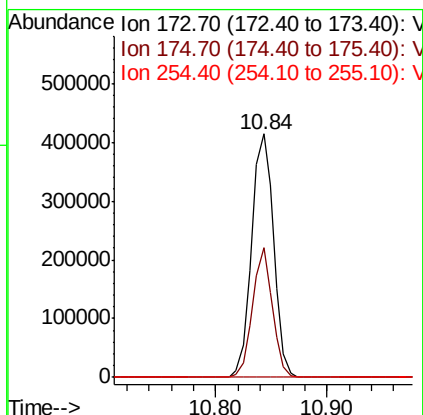
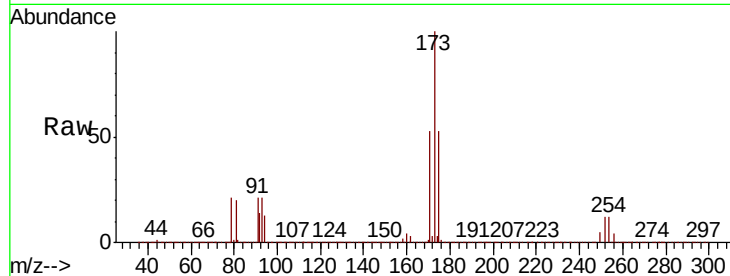
#71
Bromoform
Concen: 47.925 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.9	71.7
254	0.3	0.1	0.1#

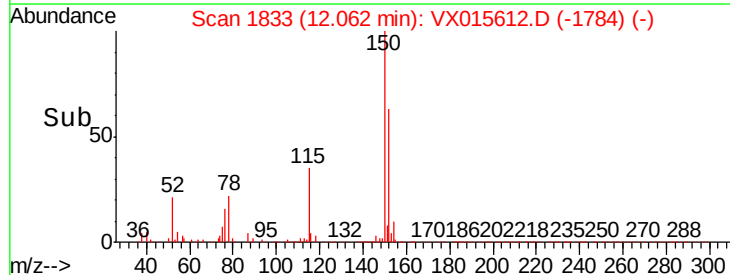
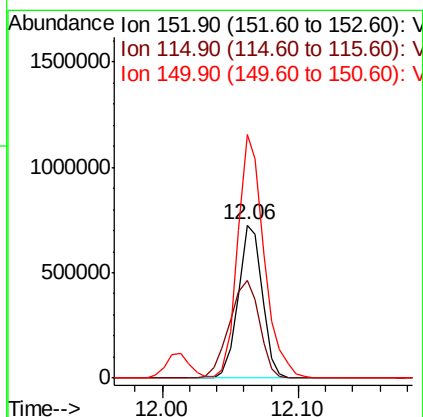
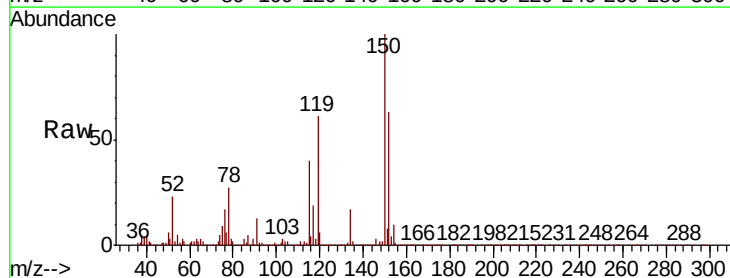
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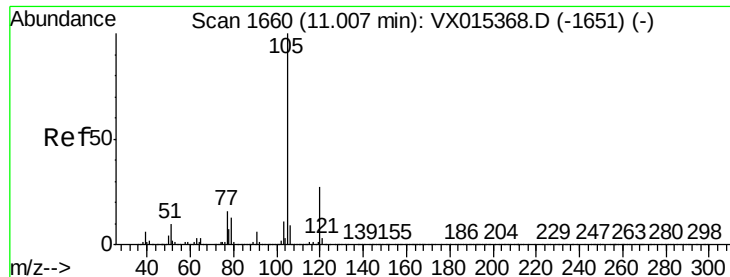
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.5	39.0	116.9
150	175.5	0.0	340.8





#73

Isopropylbenzene

Concen: 49.510 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2868375

Ion Ratio Lower Upper

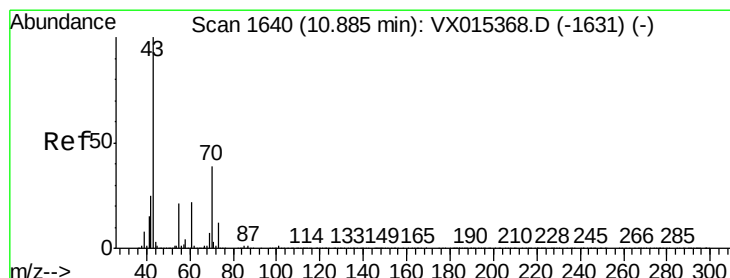
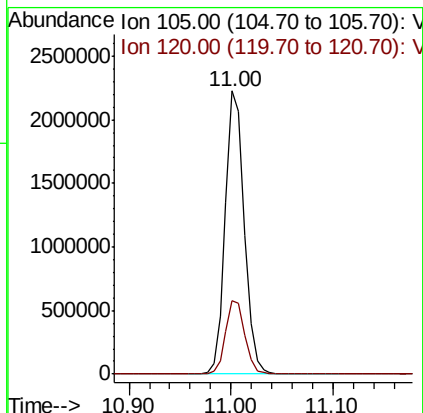
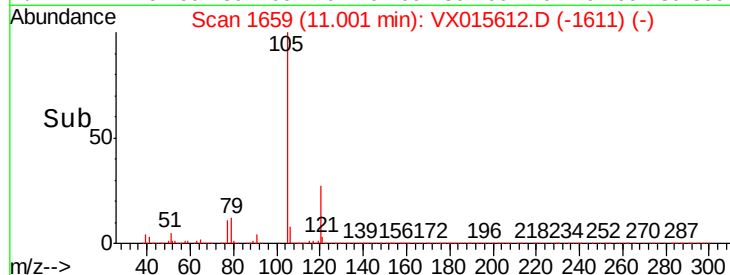
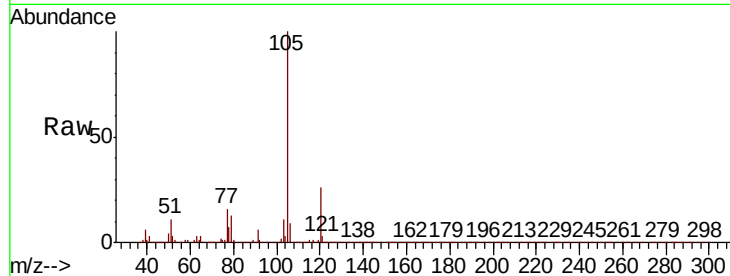
105 100

120 26.3 13.2 39.5

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#74

N-ethyl acetate

Concen: 44.090 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion: 43 Resp: 1420676

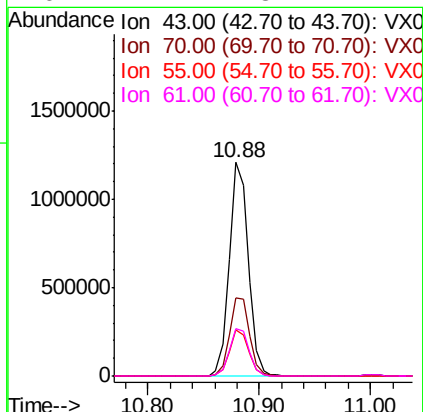
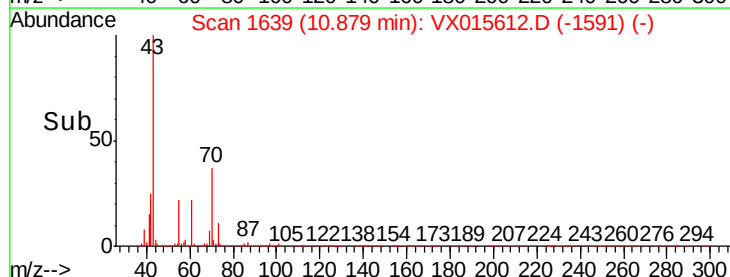
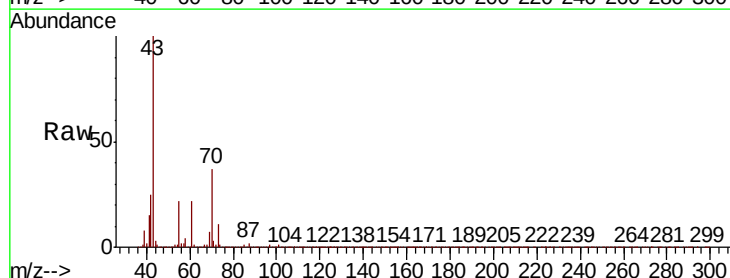
Ion Ratio Lower Upper

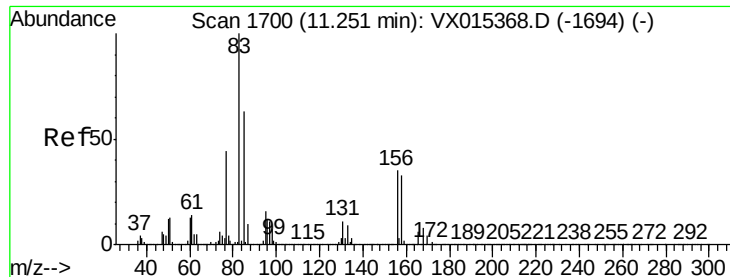
43 100

70 38.3 30.2 45.4

55 22.0 16.8 25.2

61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.228 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

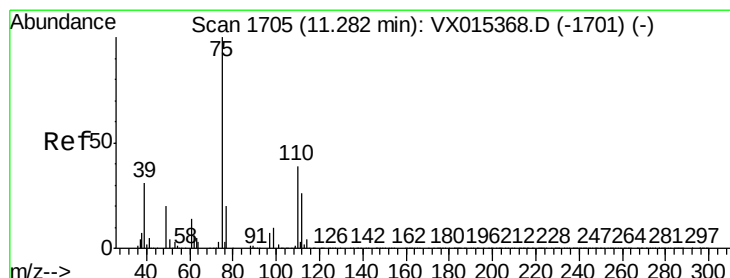
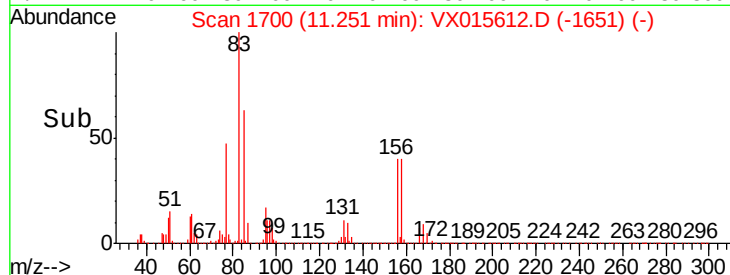
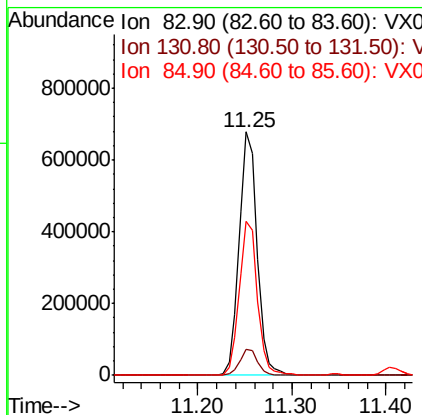
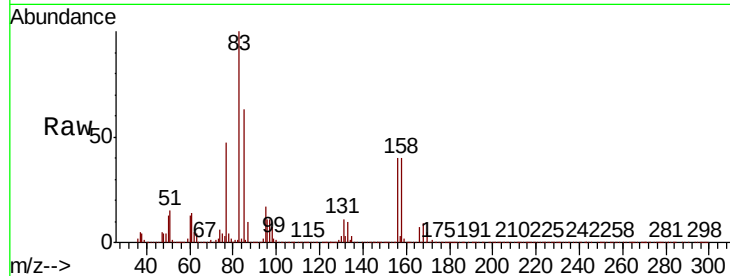
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	899129
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	63.9	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 46.773 ug/l m

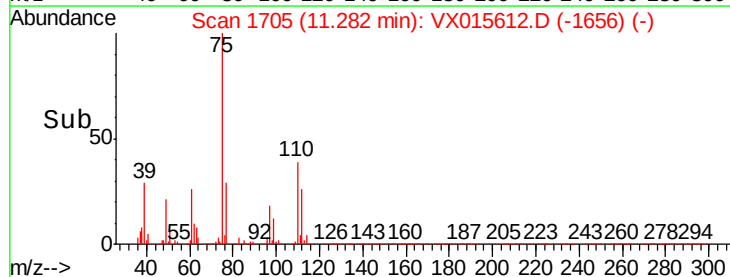
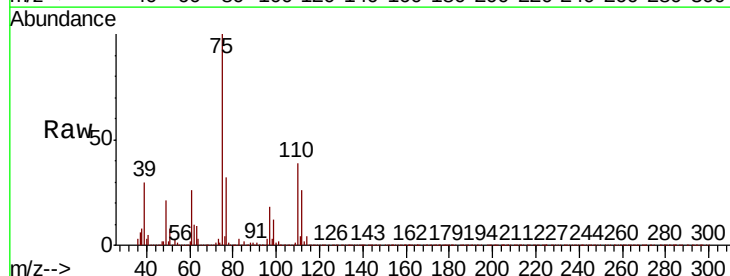
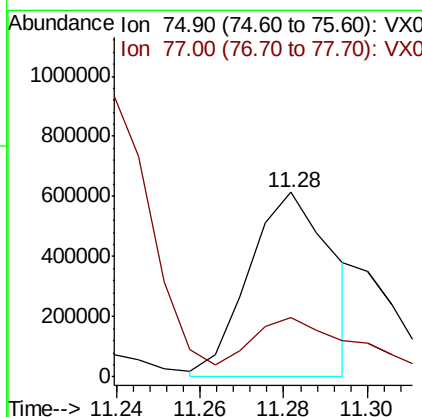
RT: 11.28 min Scan# 1705

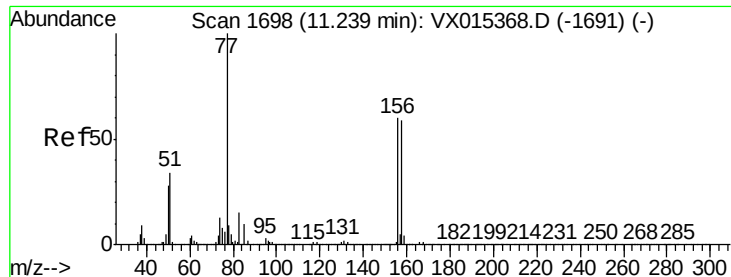
Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion:	75	Resp:	850469
Ion Ratio	Lower	Upper	
75	100		
77	41.0	21.2	63.6





#77

Bromobenzene

Concen: 49.423 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

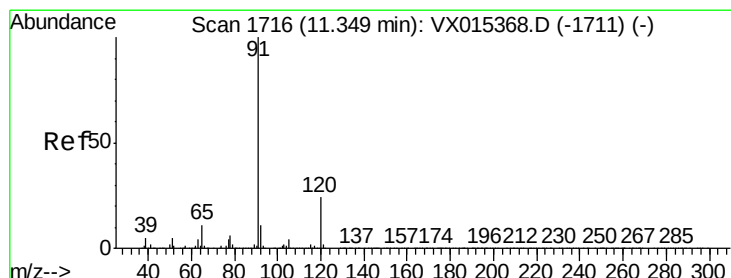
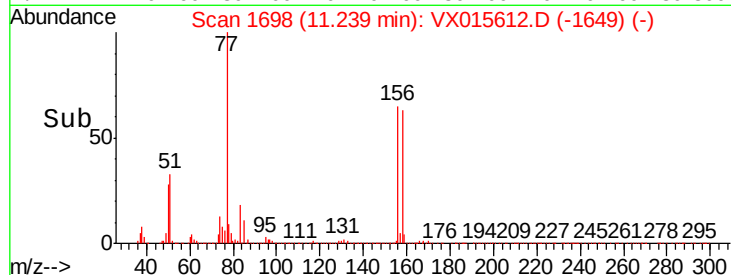
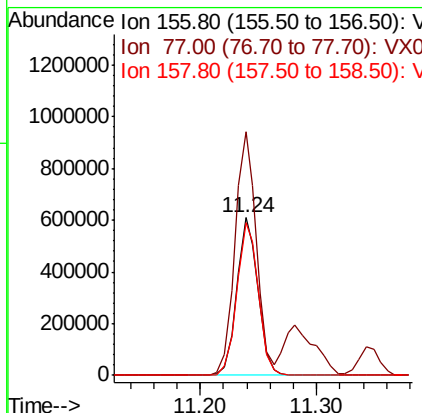
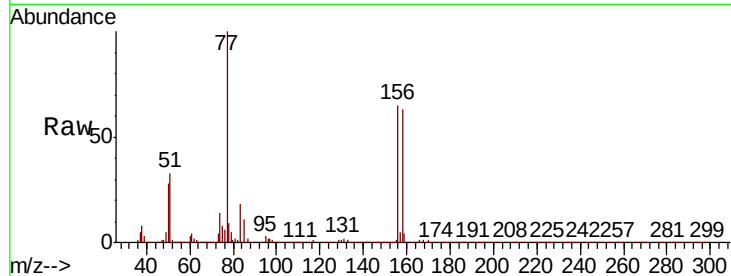
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	763751
Ion Ratio	Lower	Upper	
156	100		
77	156.9	82.2	246.5
158	98.6	49.3	147.9

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#78

n-propylbenzene

Concen: 49.383 ug/l

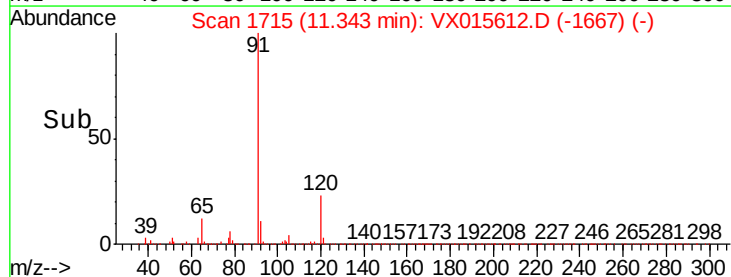
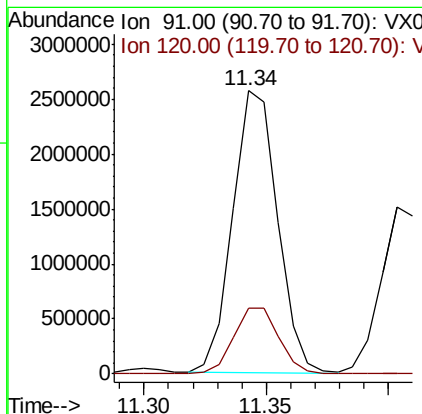
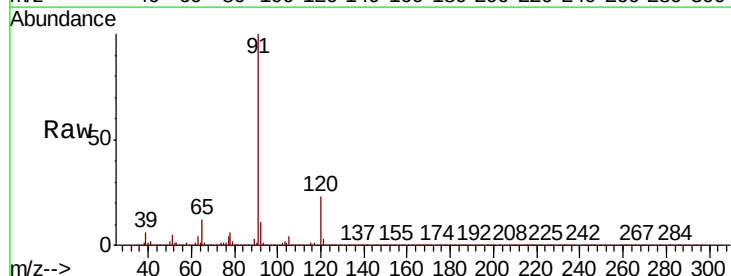
RT: 11.34 min Scan# 1715

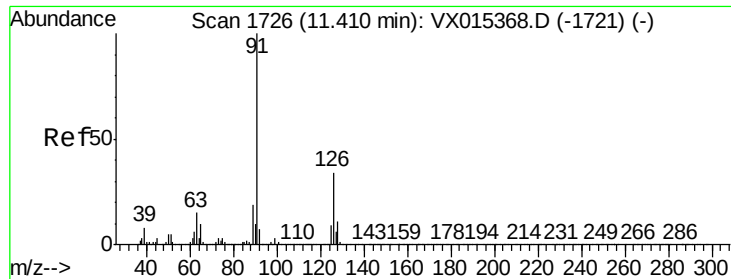
Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion:	91	Resp:	3271511
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





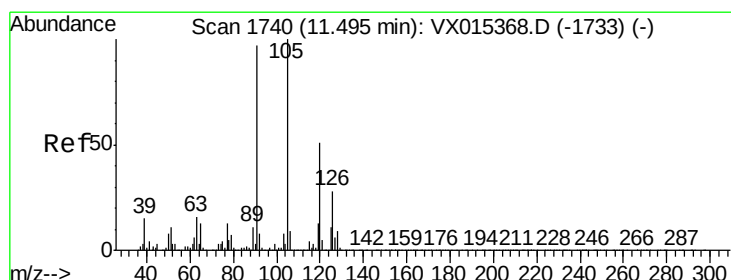
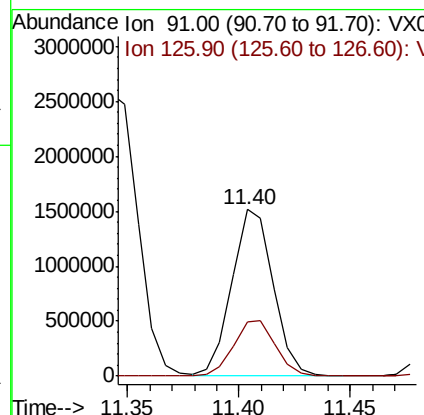
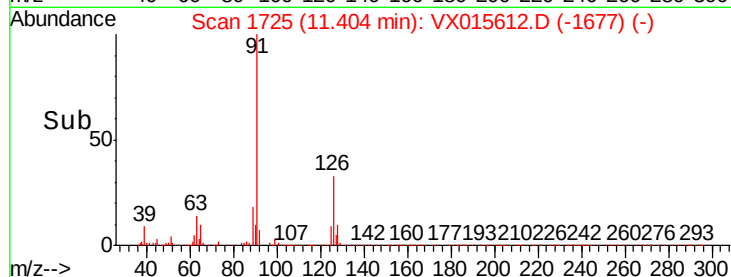
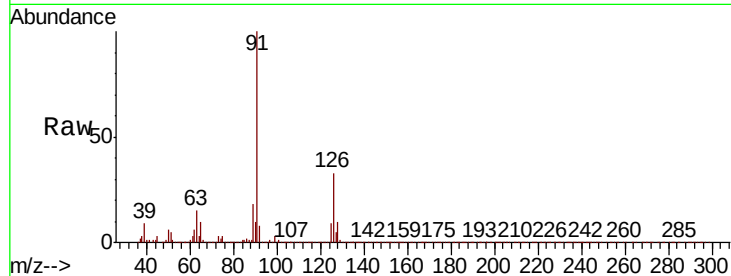
#79
 2-Chlorotoluene
 Concen: 48.182 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 1956414
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.5 49.5

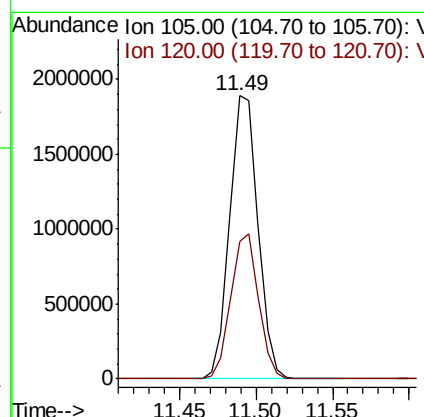
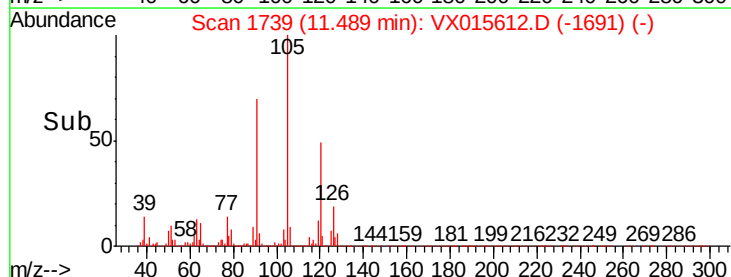
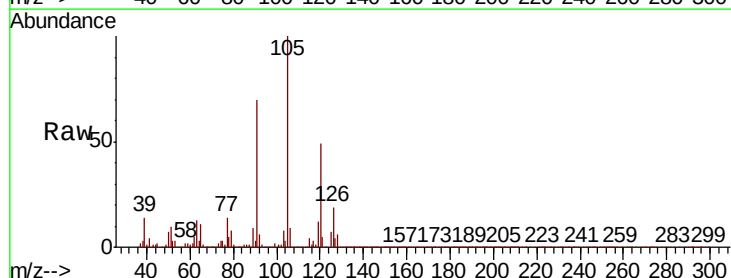
Manual Integrations
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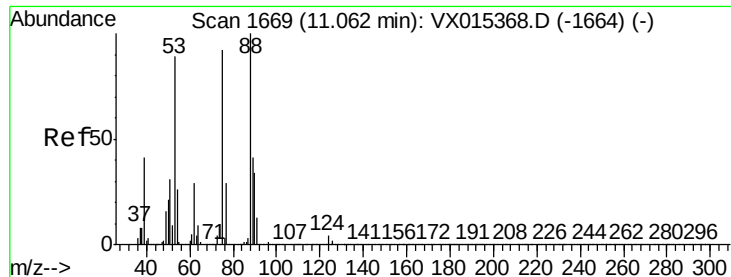
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.000 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion: 105 Resp: 2424457
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.480 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

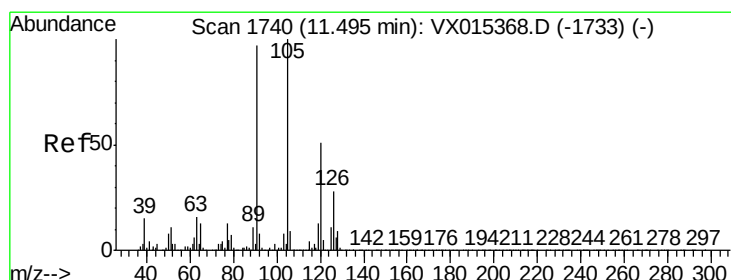
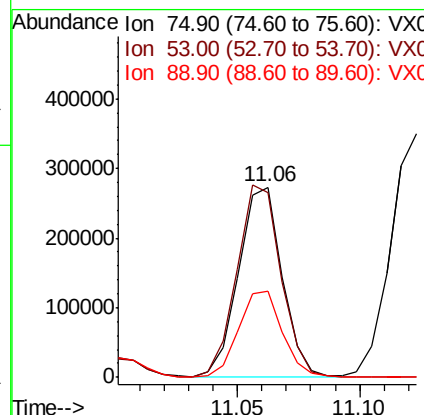
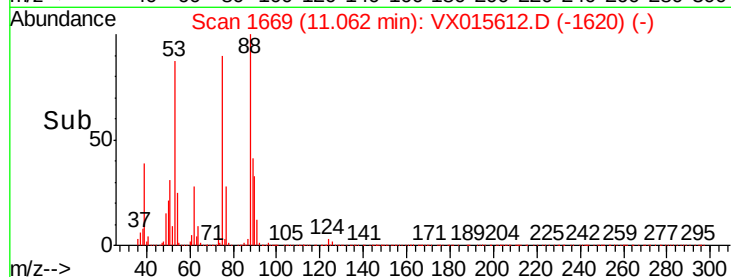
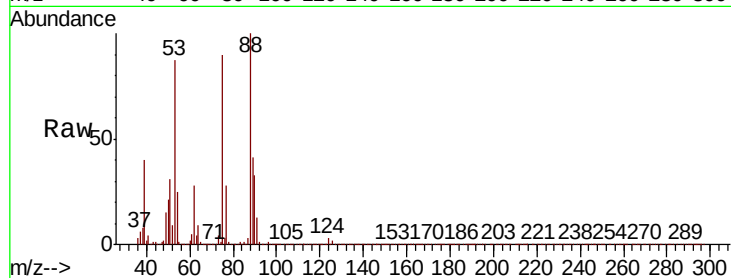
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	337069
Ion Ratio	Lower	Upper	
75	100		
53	102.2	80.1	120.1
89	46.3	36.1	54.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.606 ug/l

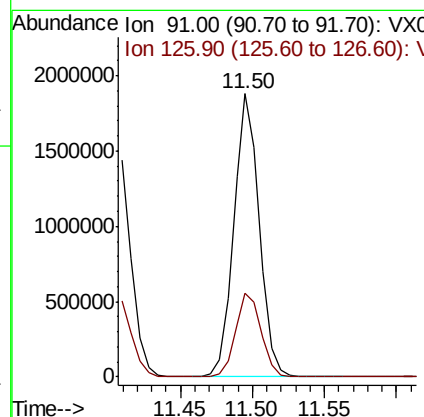
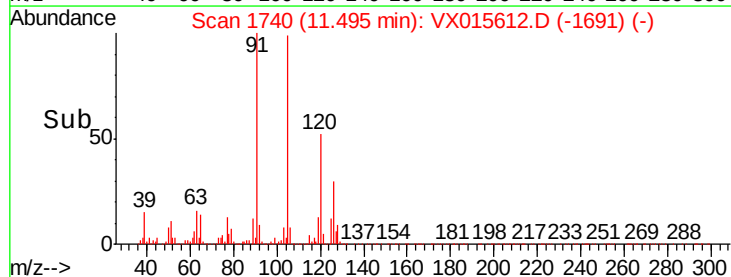
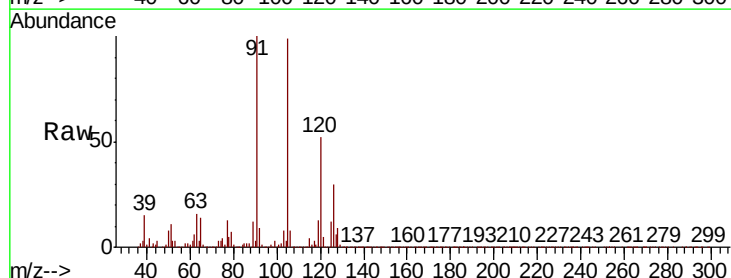
RT: 11.50 min Scan# 1740

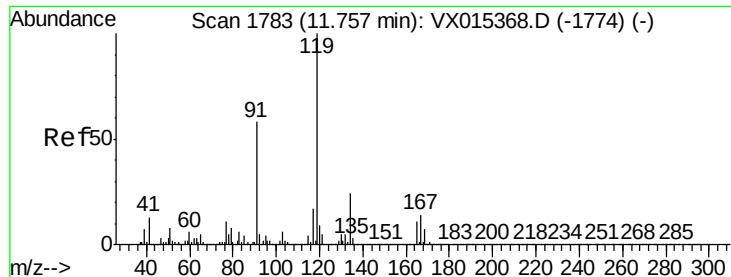
Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion:	91	Resp:	2313701
Ion Ratio	Lower	Upper	
91	100		
126	29.9	14.7	44.1





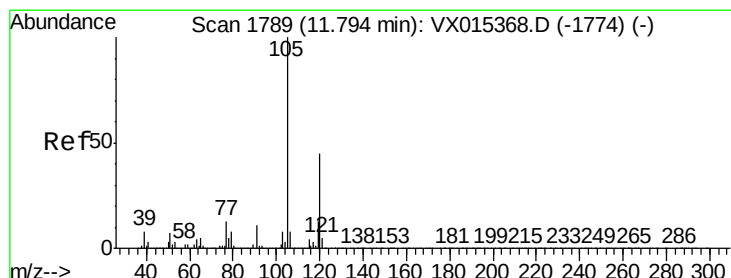
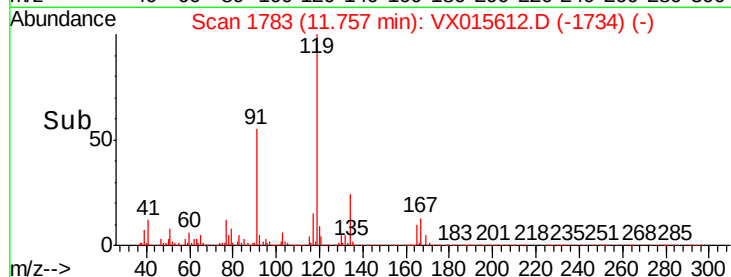
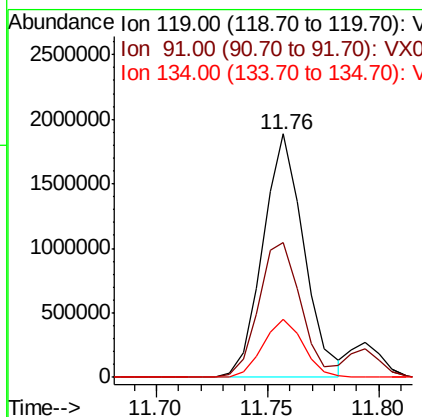
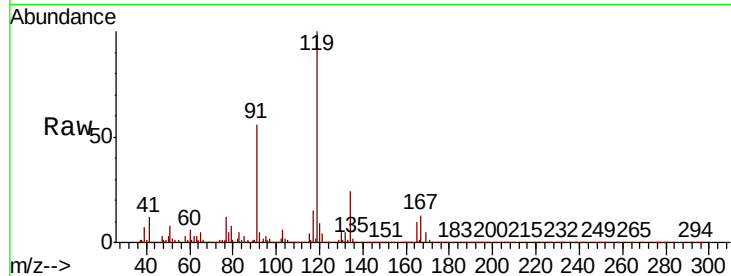
#83
 tert-Butylbenzene
 Concen: 49.788 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	28.6	85.8
134	23.6	11.8	35.3

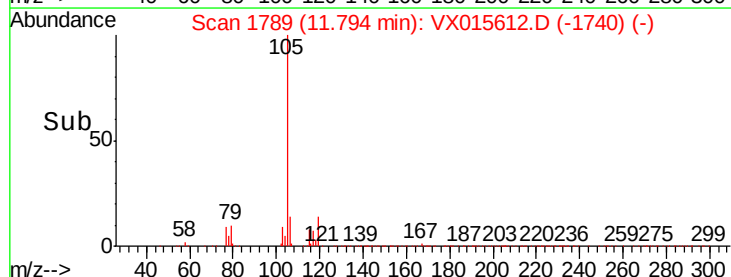
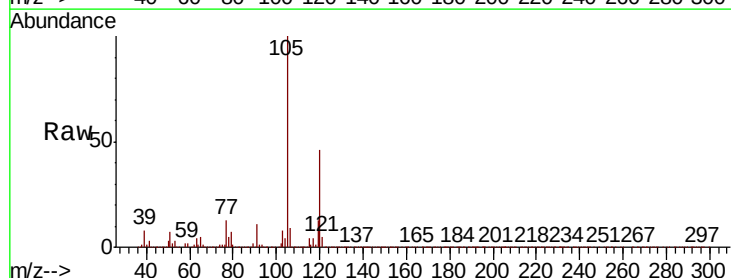
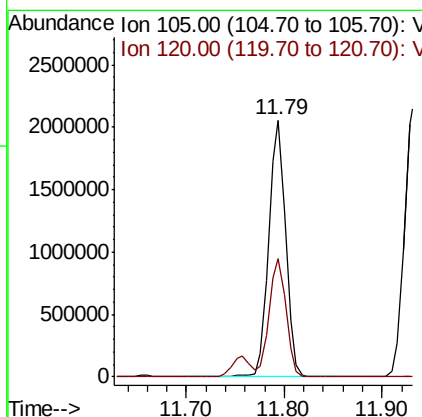
Manual Integrations
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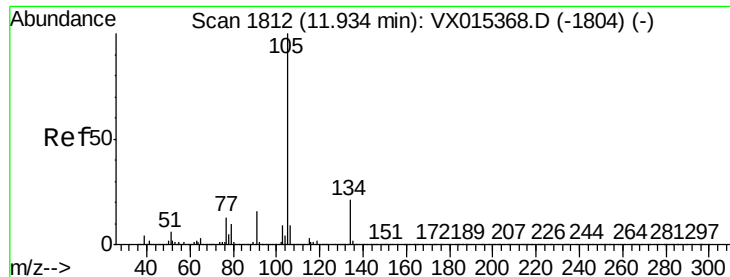
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.770 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.7	68.1





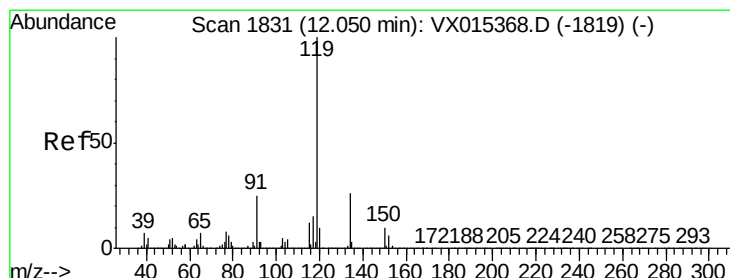
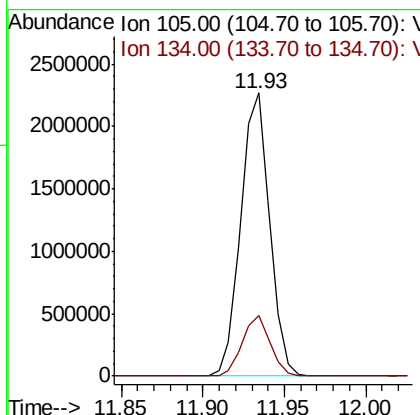
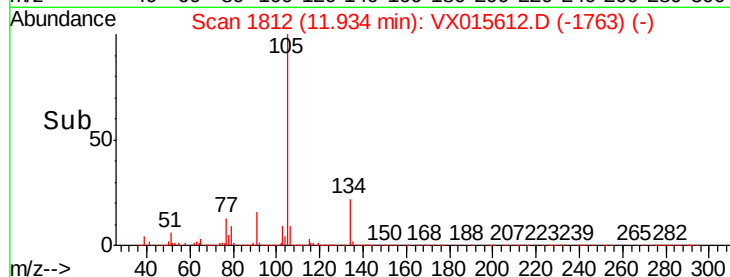
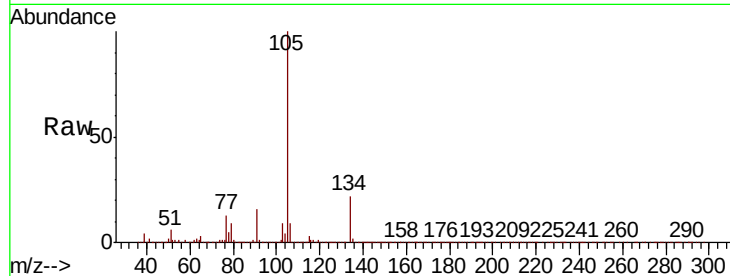
#85
 sec-Butylbenzene
 Concen: 50.019 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion:105 Resp: 2795848
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

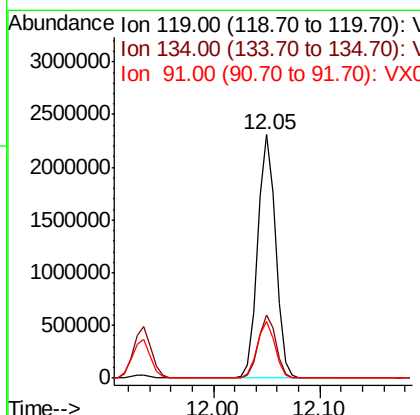
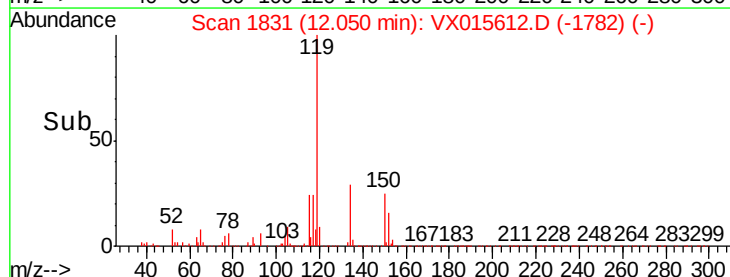
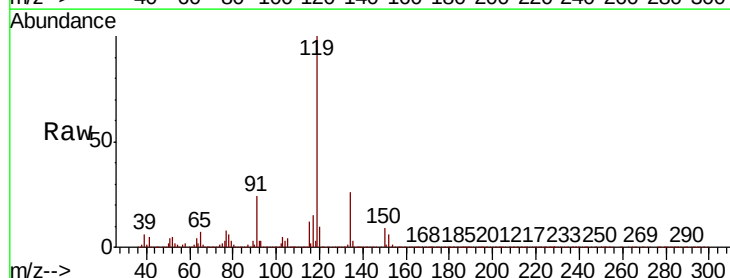
Manual Integrations
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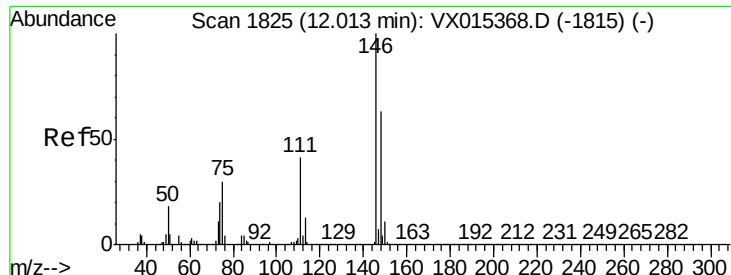
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#86
 p-Isopropyltoluene
 Concen: 52.613 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion:119 Resp: 2730100
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 23.3 12.4 37.4





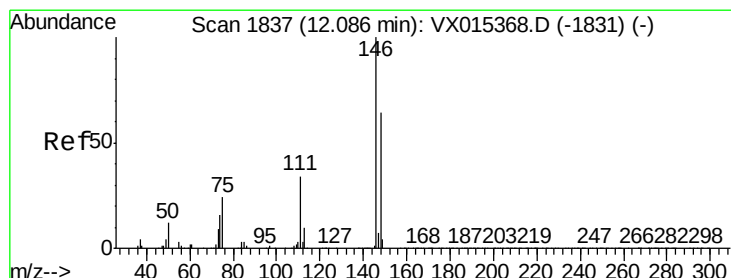
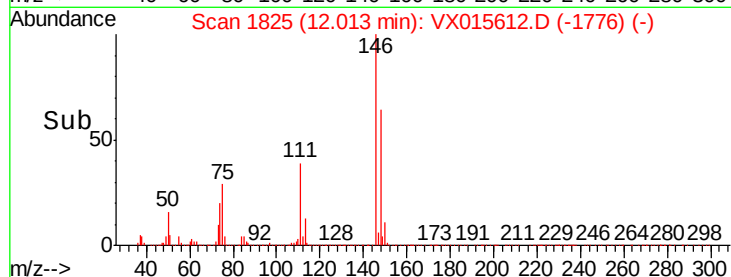
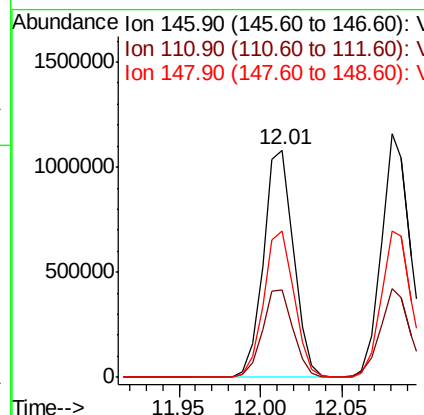
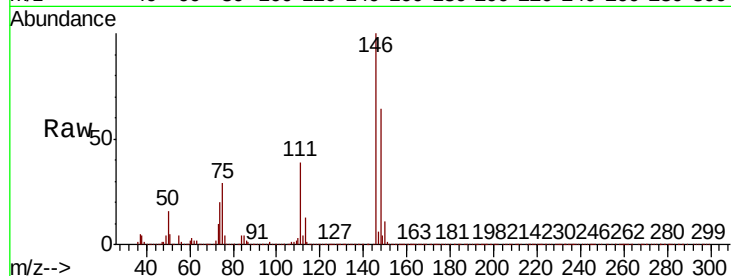
#87
 1,3-Dichlorobenzene
 Concen: 50.186 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.3	60.9
148	64.6	31.3	93.9

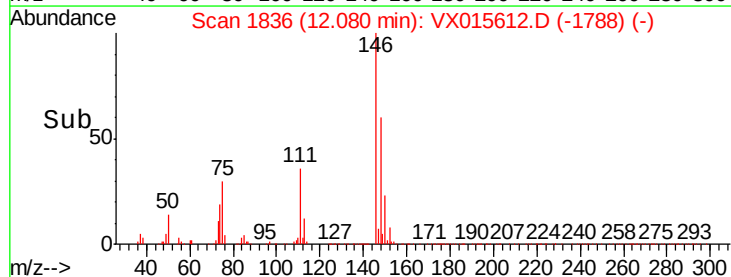
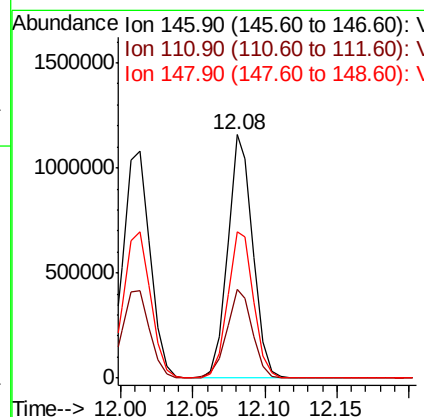
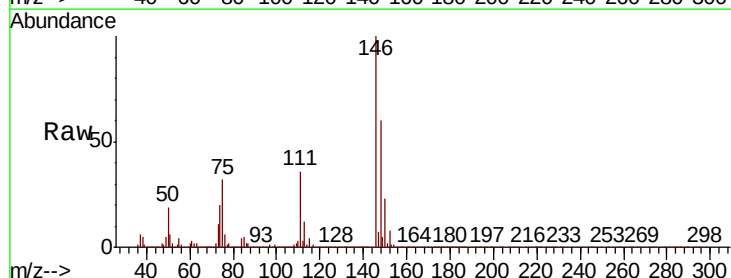
Manual Integrations
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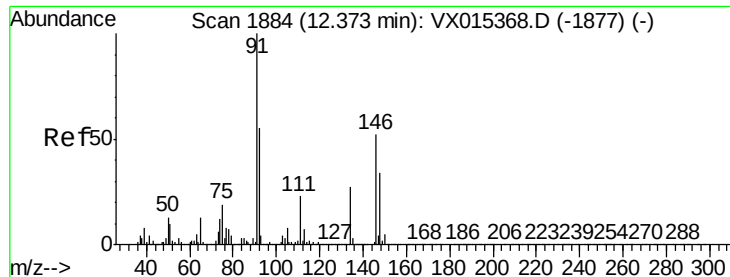
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 50.301 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.5
148	61.9	32.4	97.2





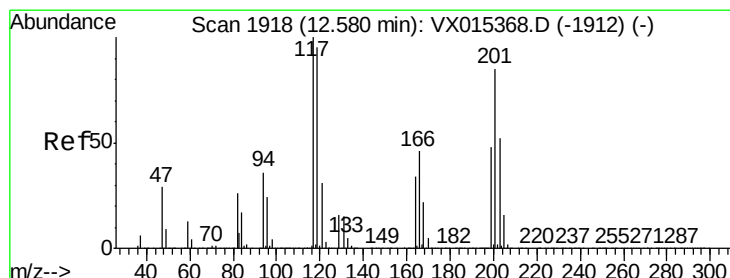
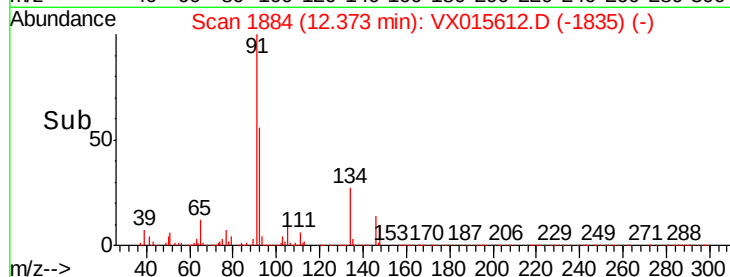
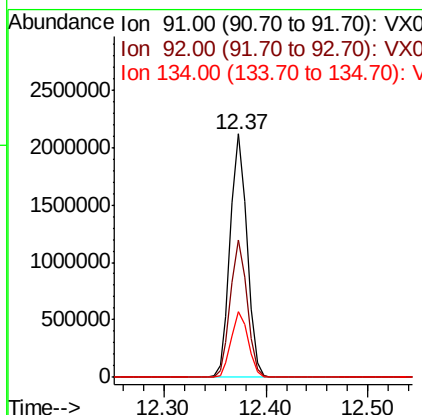
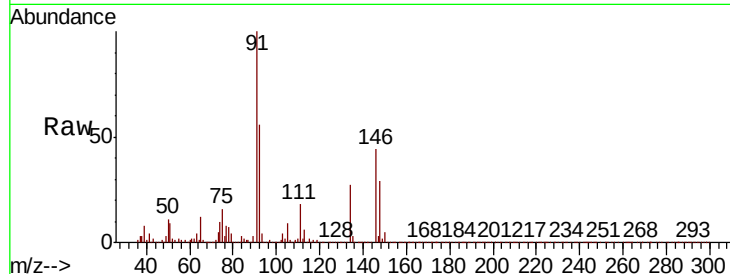
#89
n-Butylbenzene
Concen: 51.178 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.1	27.2	81.5
134	27.5	13.4	40.2

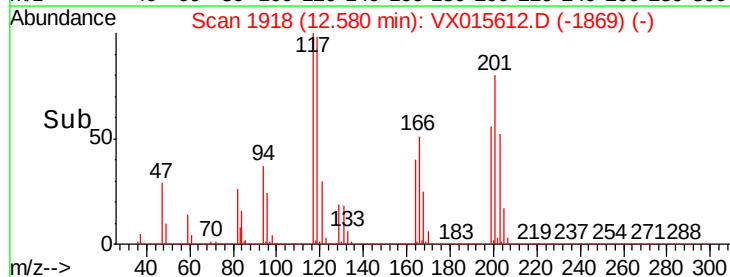
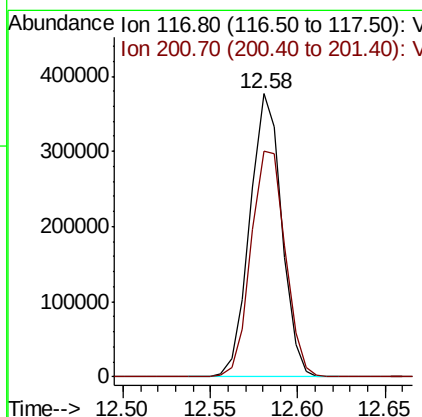
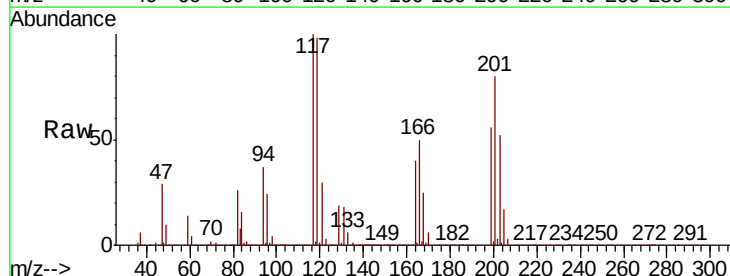
Manual Integrations
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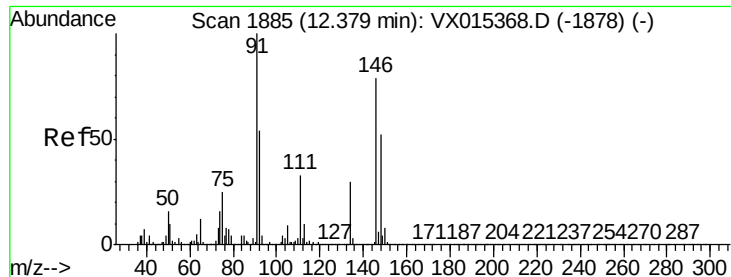
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#90
Hexachloroethane
Concen: 47.265 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	42.6	128.0





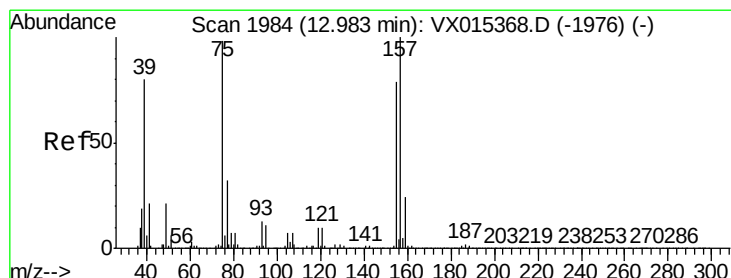
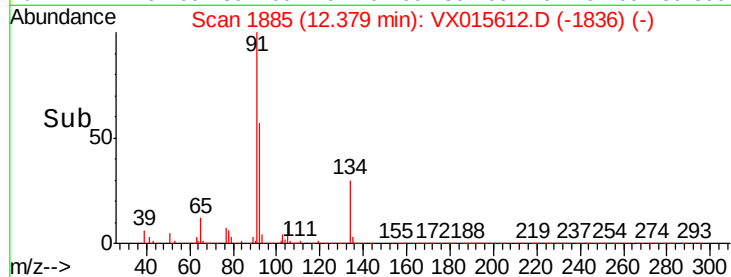
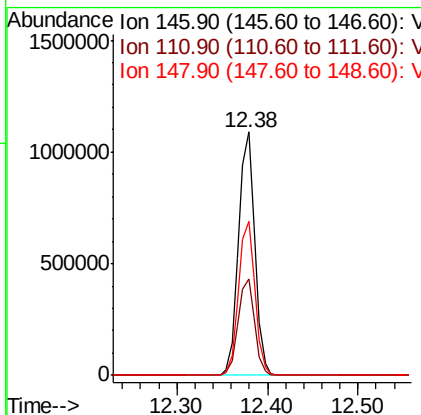
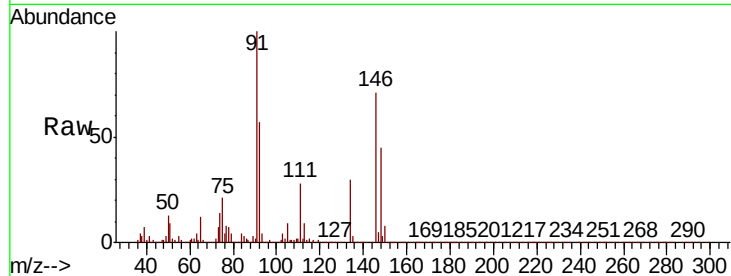
#91
 1,2-Dichlorobenzene
 Concen: 50.103 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.0	63.0
148	63.9	32.4	97.0

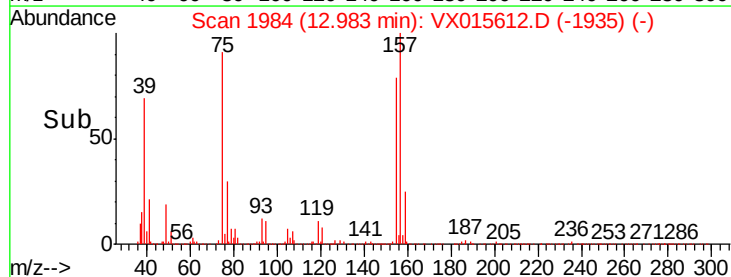
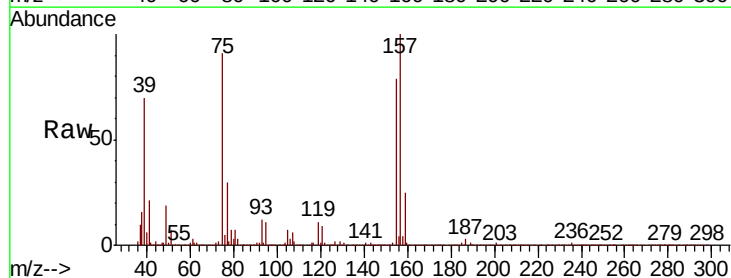
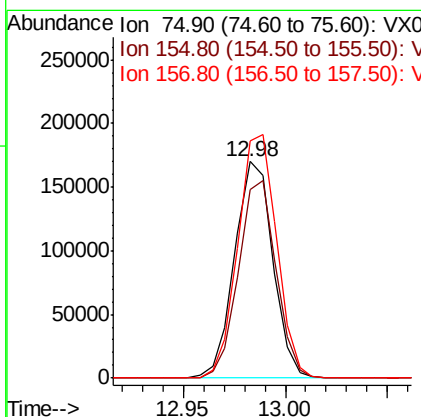
Manual Integrations
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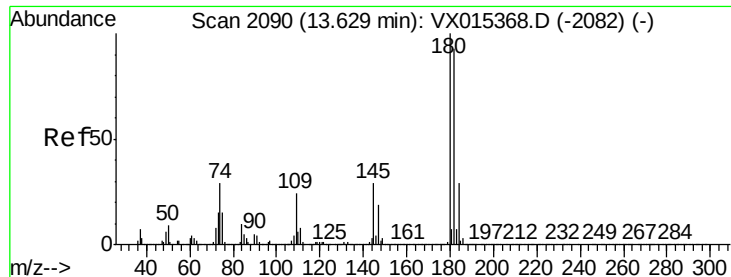
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.324 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	42.8	128.4
157	114.8	53.4	160.3





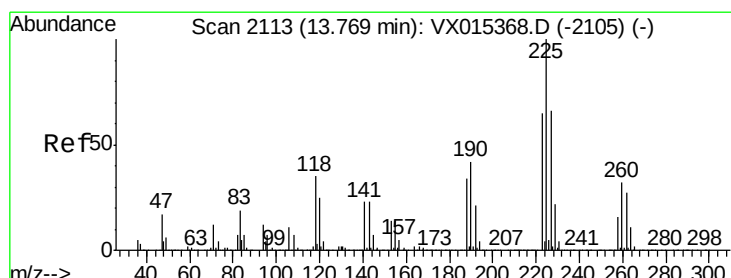
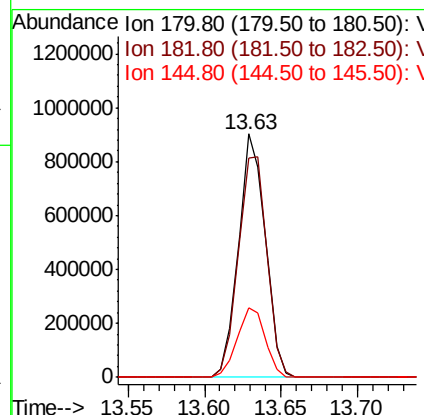
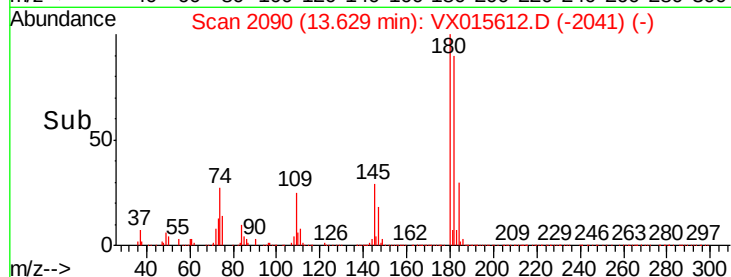
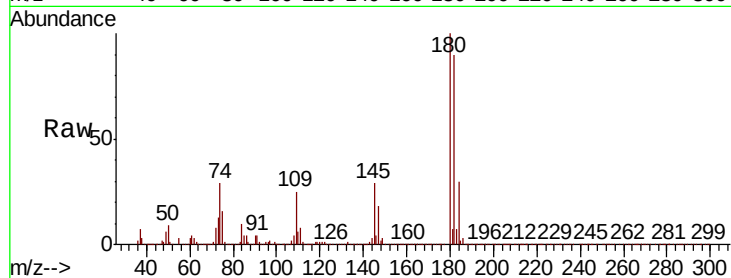
#93
 1,2,4-Trichlorobenzene
 Concen: 51.238 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.9	140.7
145	29.6	14.9	44.5

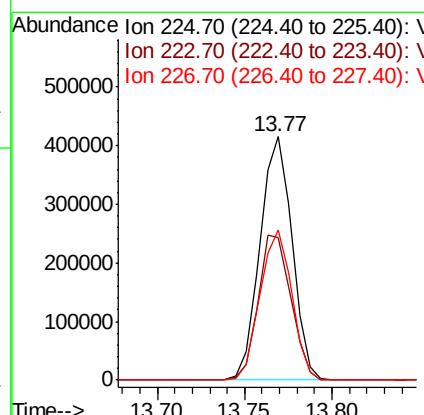
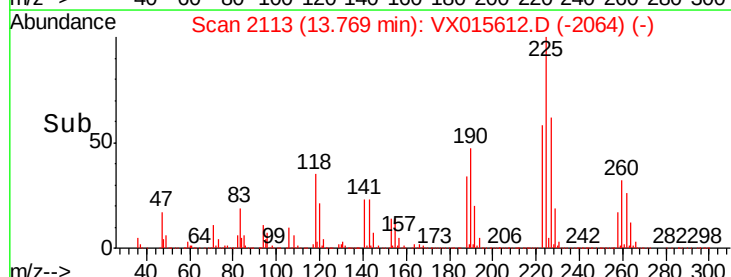
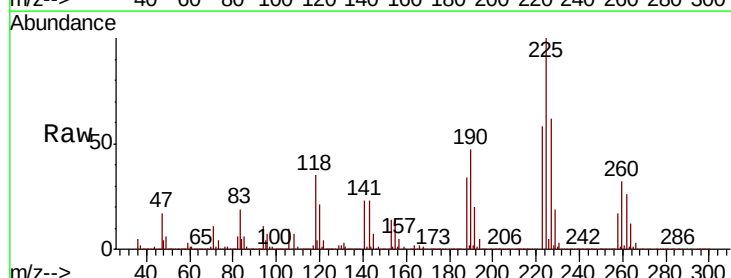
Manual Integrations
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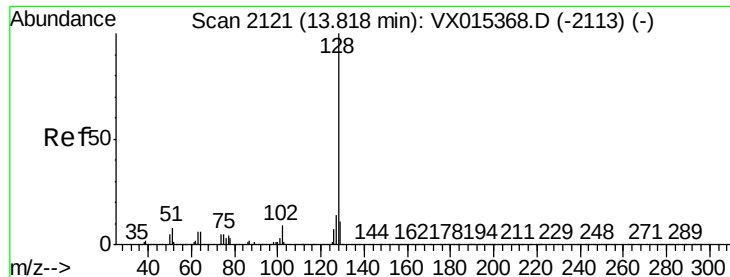
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#94
 Hexachlorobutadiene
 Concen: 51.860 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.9	95.7
227	61.4	30.4	91.3





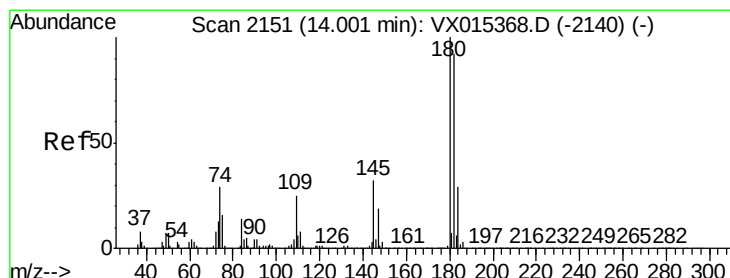
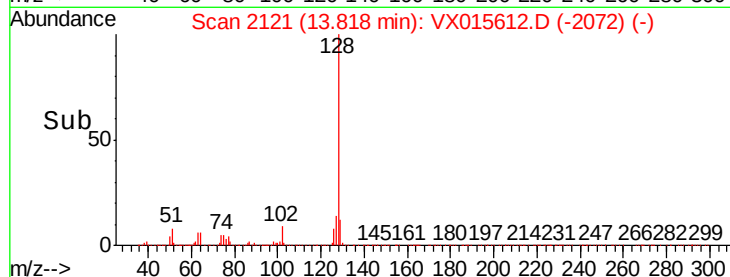
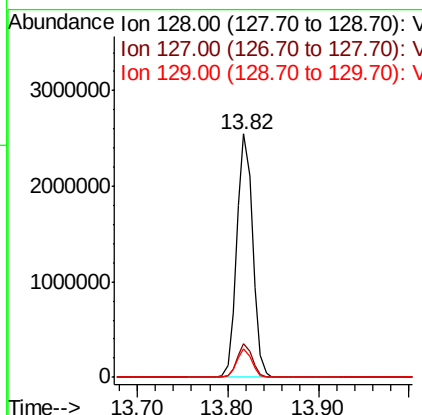
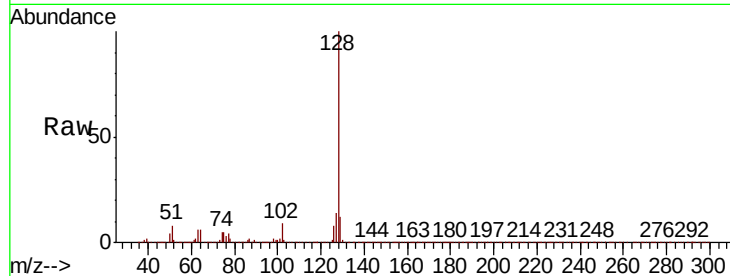
#95
Naphthalene
Concen: 47.768 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.1	8.8	13.2

Manual Integrations
APPROVED

apatel
4/13/2020 1:23:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.529 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.7	140.0
145	31.7	15.8	47.3

