

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015587.D
 Acq On : 09 Apr 2020 11:37
 Operator : JC/SP
 Sample : VX0409MBS01
 Misc : 5.00µL/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Manual Integrations
 APPROVED

sam
 4/10/2020 2:12:35 PM

Quant Time: Apr 09 15:53:54 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	5.64	168	1168566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1740285	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1627139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	842101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	760114	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
35) Dibromofluoromethane	5.47	113	559499	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	8.70	98	2053104	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.12	95	828201	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	191094	18.561	ug/l	99
3) Chloromethane	1.31	50	221511	16.895	ug/l	100
4) Vinyl Chloride	1.39	62	225242	18.710	ug/l	98
5) Bromomethane	1.63	94	143524	21.205	ug/l	99
6) Chloroethane	1.71	64	153645	20.578	ug/l	98
7) Trichlorofluoromethane	1.92	101	322241	19.959	ug/l	100
8) Diethyl Ether	2.17	74	131218	19.269	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208965	19.854	ug/l	98
10) Methyl Iodide	2.49	142	220859	15.564	ug/l	100
11) Tert butyl alcohol	3.01	59	330930	83.888	ug/l	100
12) 1,1-Dichloroethene	2.36	96	201712	18.283	ug/l	93
13) Acrolein	2.28	56	156564	69.671	ug/l	99
14) Allyl chloride	2.71	41	457517	17.748	ug/l	98
15) Acrylonitrile	3.12	53	666864	88.641	ug/l	99
16) Acetone	2.42	43	735749	103.908	ug/l	100
17) Carbon Disulfide	2.55	76	558436	16.593	ug/l	99
18) Methyl Acetate	2.75	43	326695	18.077	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	778563	18.196	ug/l	99
20) Methylene Chloride	2.84	84	232940	17.613	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	219554	17.932	ug/l	94
22) Diisopropyl ether	3.83	45	847151	18.546	ug/l	99
23) Vinyl Acetate	3.79	43	3801122	91.908	ug/l	100
24) 1,1-Dichloroethane	3.67	63	433696	18.033	ug/l	99
25) 2-Butanone	4.64	43	1049929	92.201	ug/l	99
26) 2,2-Dichloropropane	4.56	77	394304	19.974	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	260474	18.388	ug/l	98
28) Bromochloromethane	4.99	49	219369	19.104	ug/l	96
29) Tetrahydrofuran	5.09	42	650180	88.815	ug/l	99
30) Chloroform	5.18	83	426434	18.429	ug/l	98
31) Cyclohexane	5.55	56	395967	18.979	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	393791	18.805	ug/l	100
36) 1,1-Dichloropropene	5.77	75	315871	19.699	ug/l	98
37) Ethyl Acetate	4.80	43	386829	18.528	ug/l	99
38) Carbon Tetrachloride	5.76	117	352090	20.273	ug/l	92

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	380080	20.558	ug/l	99
40) Benzene	6.12	78	930820	19.817	ug/l	98
41) Methacrylonitrile	5.01	41	223912	19.319	ug/l	99
42) 1,2-Dichloroethane	6.17	62	378142	20.043	ug/l	100
43) Isopropyl Acetate	6.42	43	668292	18.961	ug/l	100
44) Trichloroethene	7.19	130	261674	20.427	ug/l	98
45) 1,2-Dichloropropane	7.49	63	248920	19.372	ug/l	98
46) Dibromomethane	7.64	93	161979	19.217	ug/l	94
47) Bromodichloromethane	7.88	83	350130	19.495	ug/l	97
48) Methyl methacrylate	7.75	41	333260	18.930	ug/l	99
49) 1,4-Dioxane	7.72	88	123408	375.773	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1971429	98.700	ug/l	99
52) Toluene	8.77	92	588479	20.322	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	391058	18.565	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	418767	19.517	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	239427	20.180	ug/l	99
56) Ethyl methacrylate	9.16	69	400413	19.150	ug/l	99
57) 1,3-Dichloropropane	9.35	76	422083	19.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1035860	101.850	ug/l	100
59) 2-Hexanone	9.48	43	1537460	101.954	ug/l	99
60) Dibromochloromethane	9.57	129	275678	19.337	ug/l	98
61) 1,2-Dibromoethane	9.65	107	256662	19.895	ug/l	100
64) Tetrachloroethene	9.32	164	257112	20.938	ug/l	97
65) Chlorobenzene	10.12	112	633744	19.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	246942	19.048	ug/l	97
67) Ethyl Benzene	10.24	91	1152743	20.029	ug/l	99
68) m/p-Xylenes	10.34	106	865597	40.390	ug/l	99
69) o-Xylene	10.68	106	420708	19.866	ug/l	99
70) Styrene	10.70	104	718114	19.270	ug/l	99
71) Bromoform	10.84	173	220149	18.654	ug/l #	98
73) Isopropylbenzene	11.00	105	1121026	20.317	ug/l	98
74) N-amyl acetate	10.88	43	567227	18.484	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	361221	19.079	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	341861m	19.741	ug/l	
77) Bromobenzene	11.24	156	305601	20.764	ug/l	94
78) n-propylbenzene	11.35	91	1271442	20.152	ug/l	100
79) 2-Chlorotoluene	11.40	91	770225	19.917	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	969572	20.576	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	127758	17.702	ug/l	94
82) 4-Chlorotoluene	11.49	91	916729	20.222	ug/l	100
83) tert-Butylbenzene	11.76	119	925176	20.100	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	975841	20.322	ug/l	99
85) sec-Butylbenzene	11.93	105	1102388	20.709	ug/l	99
86) p-Isopropyltoluene	12.05	119	1026300	20.767	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	530252	20.125	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	534959	19.933	ug/l	99
89) n-Butylbenzene	12.37	91	916295	20.518	ug/l	99
90) Hexachloroethane	12.58	117	182927	19.018	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	527234	20.448	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94289	17.645	ug/l	96

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Instrument :
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VX0409MBS01

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	407508	19.980	ug/l	99
94) Hexachlorobutadiene	13.77	225	195964	20.181	ug/l	97
95) Naphthalene	13.82	128	1238734	19.911	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	403160	20.531	ug/l	99

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

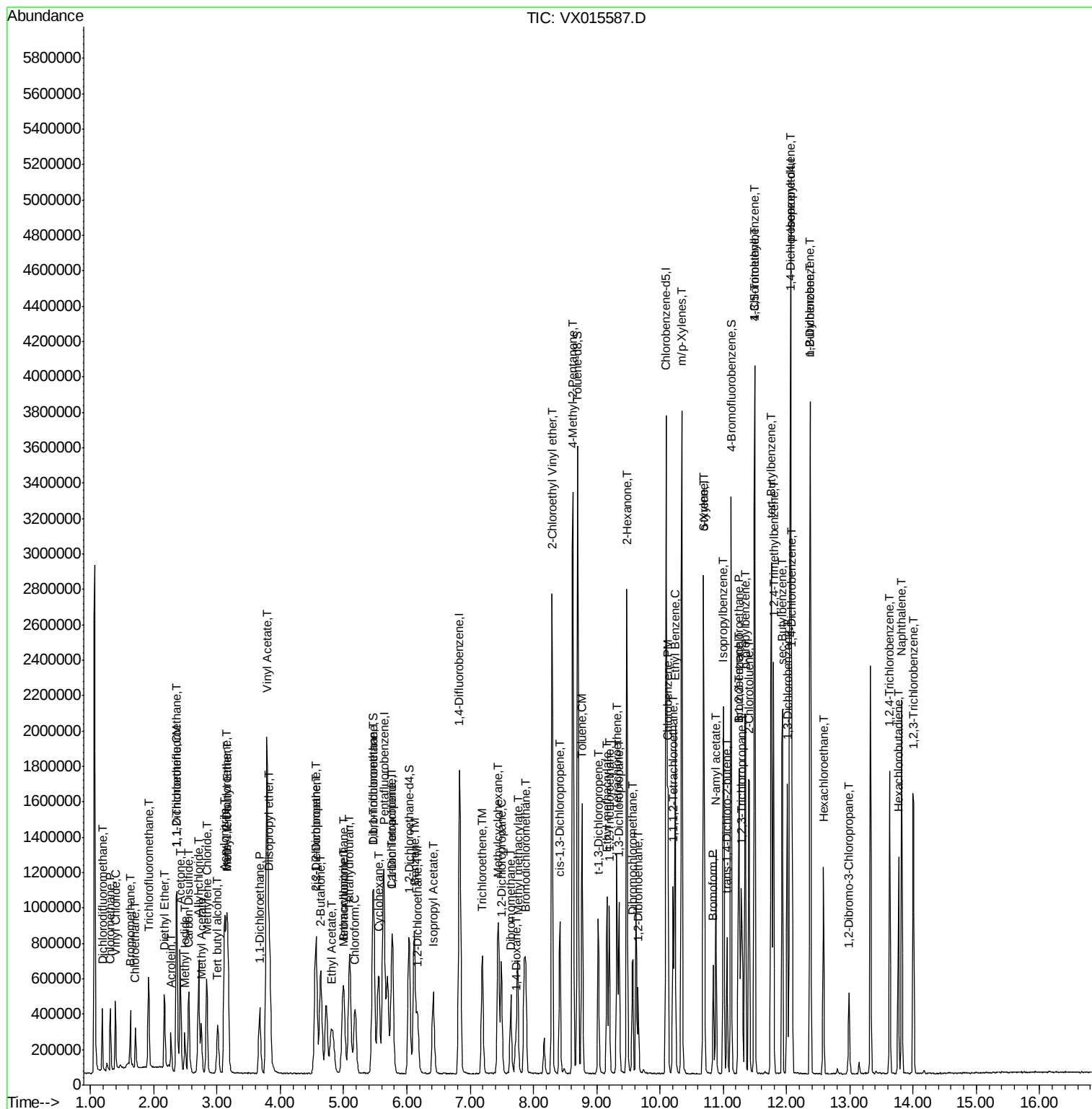
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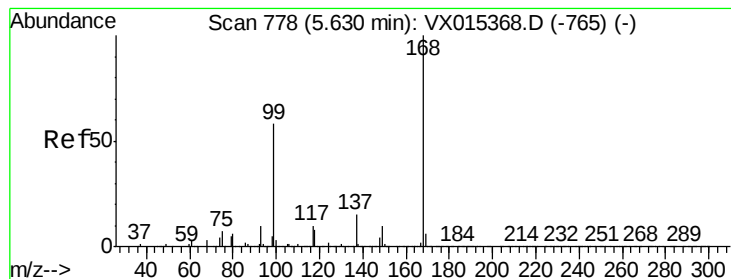
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MSVOA_X
Client Sample ID :
VX0409MBS01

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#1

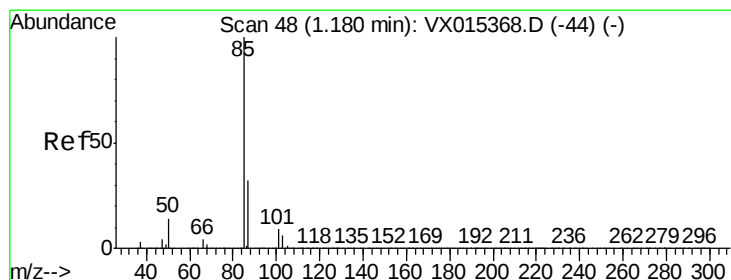
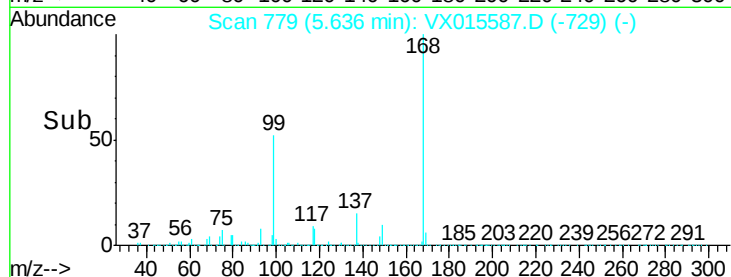
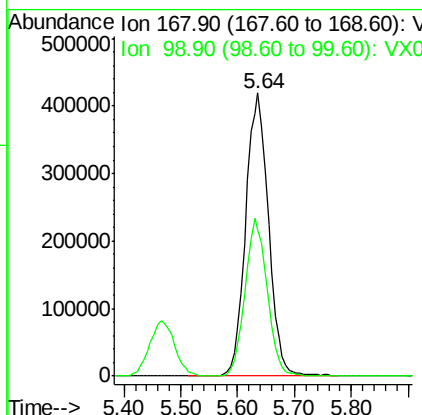
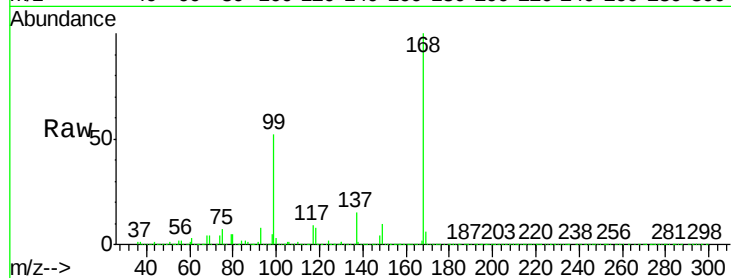
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.6	46.4	69.6

Manual Integrations
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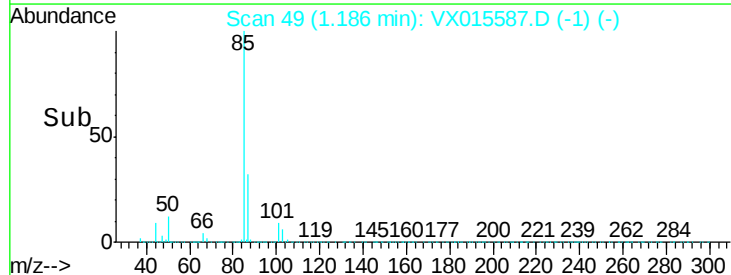
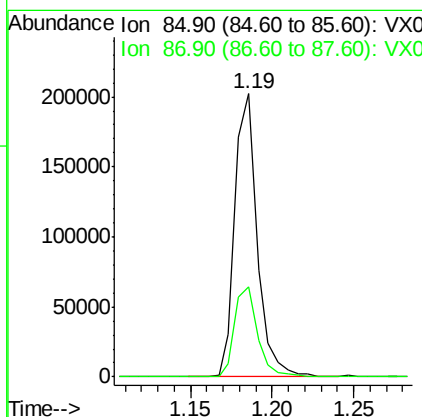
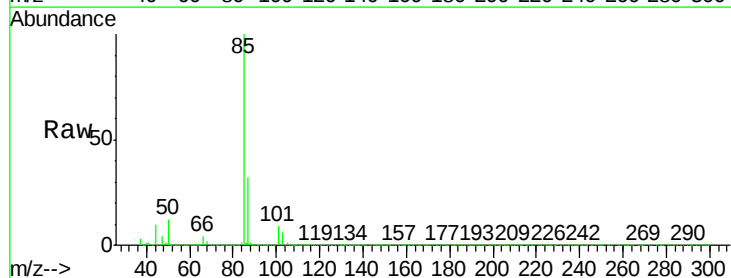
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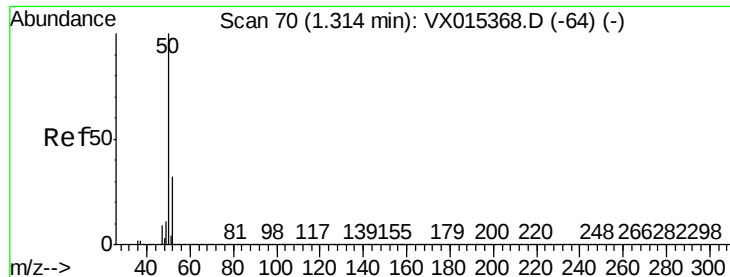


#2

Dichlorodifluoromethane
 Concen: 18.561 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.0	47.9





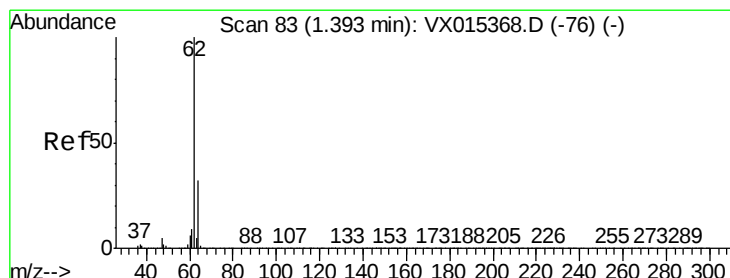
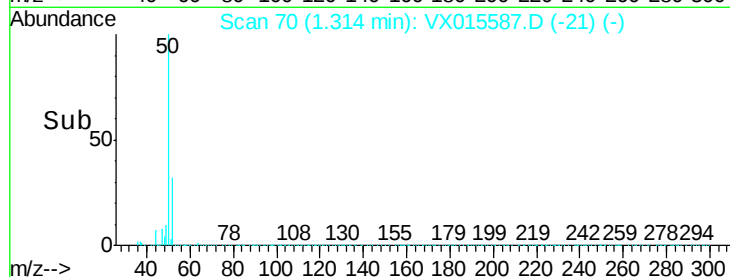
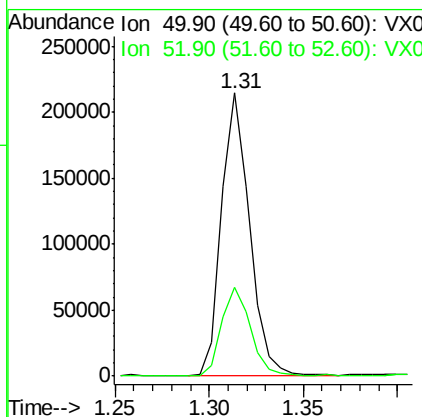
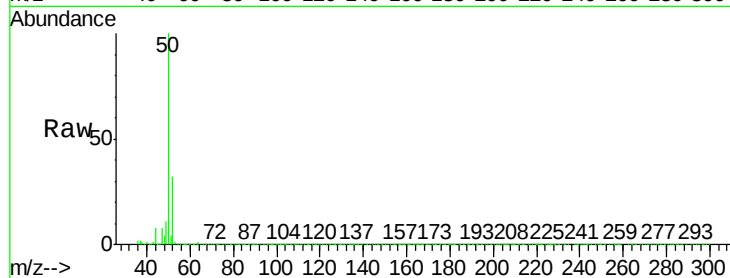
#3
Chloromethane
Concen: 16.895 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion: 50 Resp: 221511
Ion Ratio Lower Upper
50 100
52 31.5 25.3 37.9

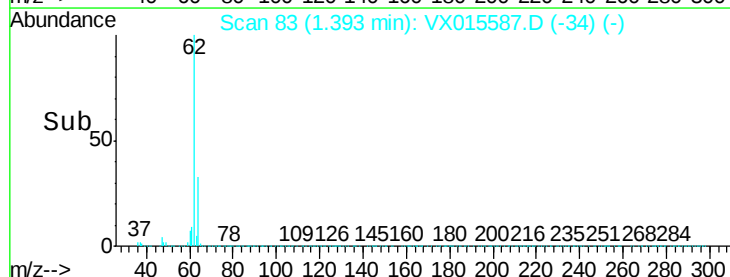
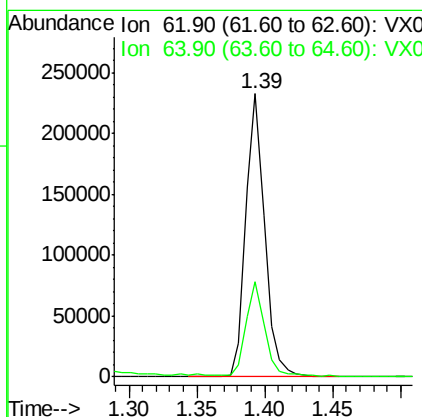
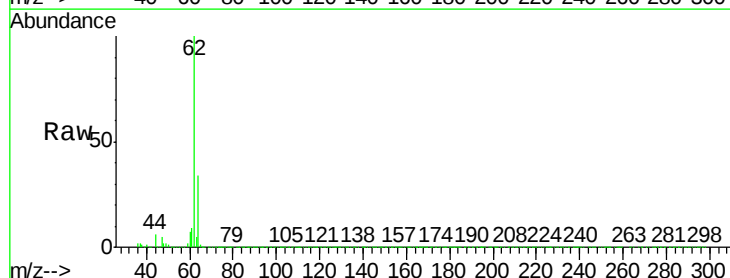
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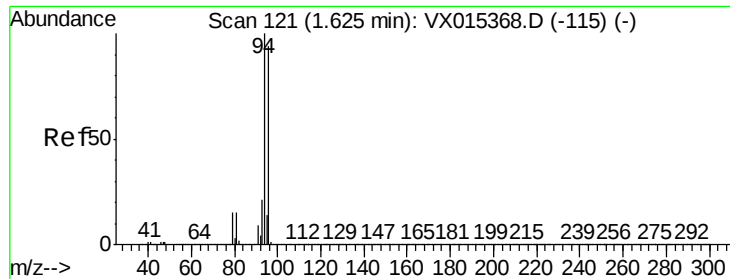
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#4
Vinyl Chloride
Concen: 18.710 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 62 Resp: 225242
Ion Ratio Lower Upper
62 100
64 33.4 26.0 39.0





#5

Bromomethane

Concen: 21.205 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tot Ion: 94 Resp: 143524

Ion Ratio Lower Upper

94 100

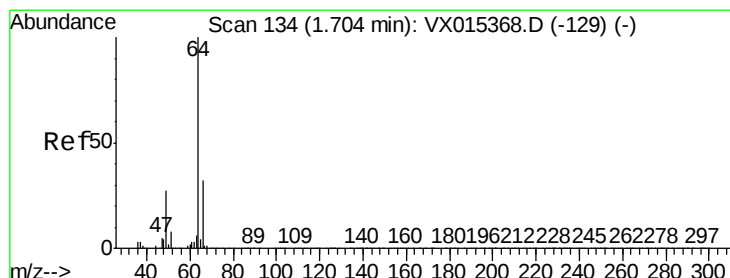
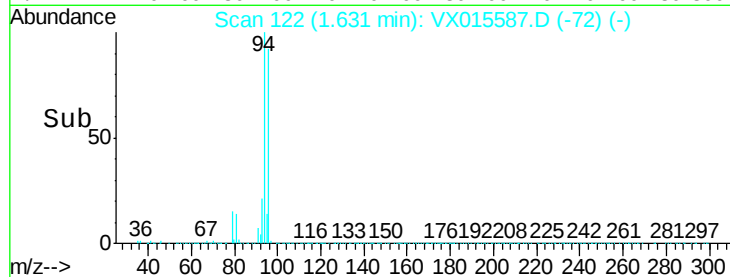
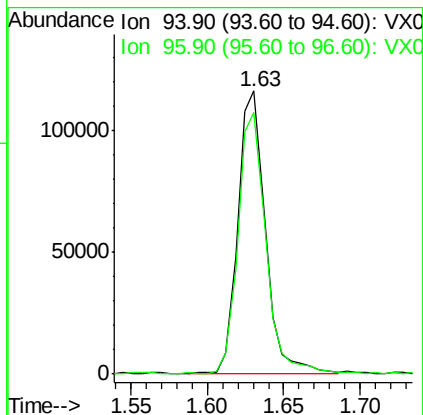
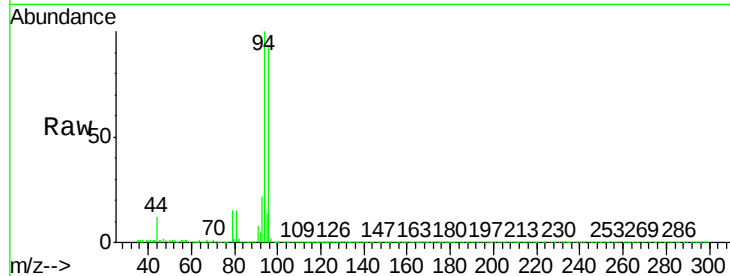
96 92.4 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 20.578 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015587.D

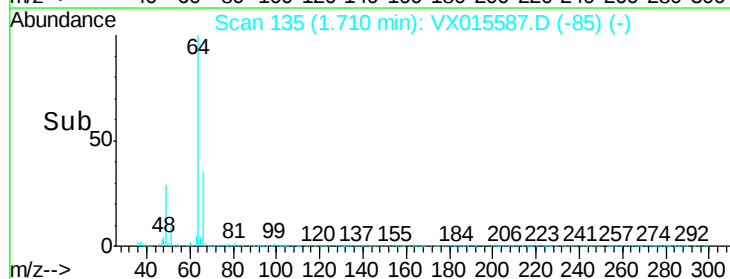
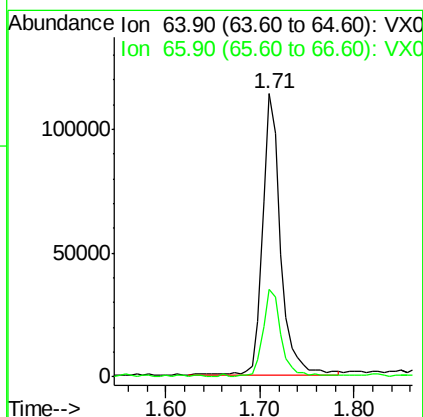
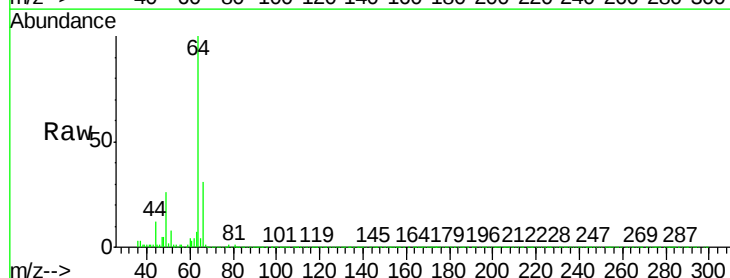
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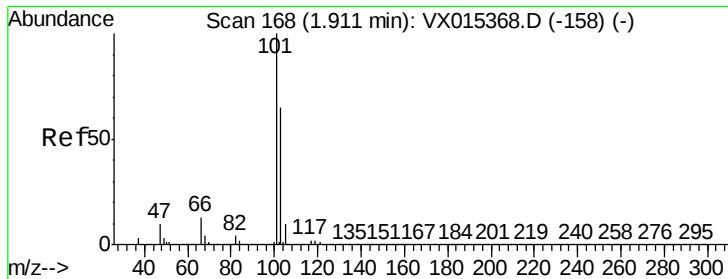
Tgt Ion: 64 Resp: 153645

Ion Ratio Lower Upper

64 100

66 30.9 25.4 38.2





#7

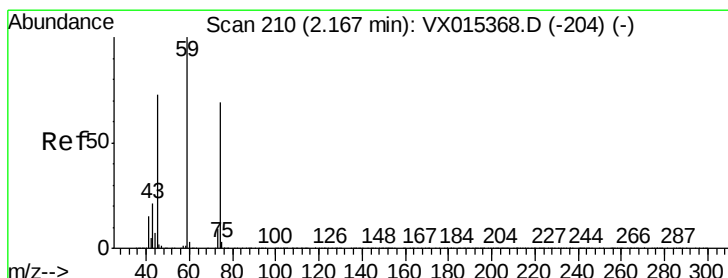
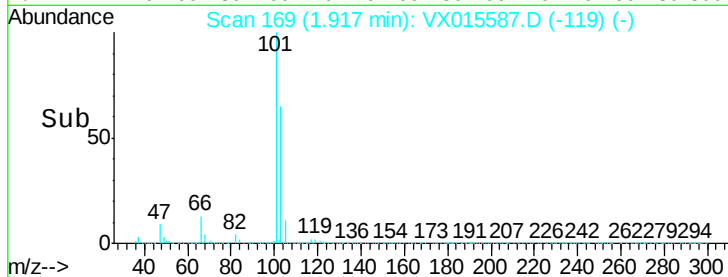
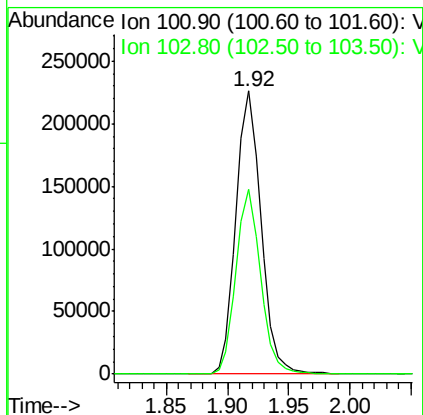
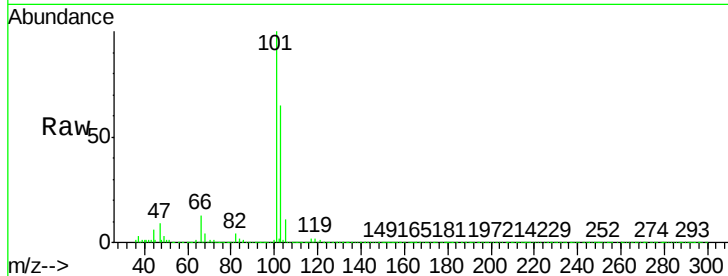
Trichlorofluoromethane
Concen: 19.959 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.3	78.5

Manual Integrations
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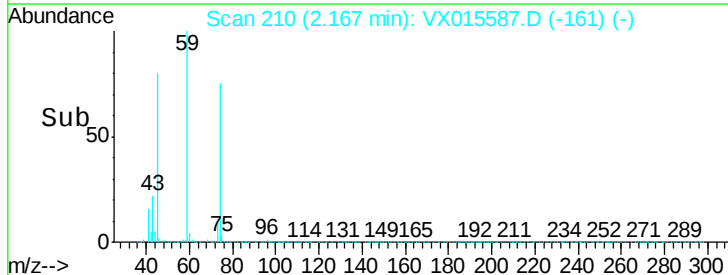
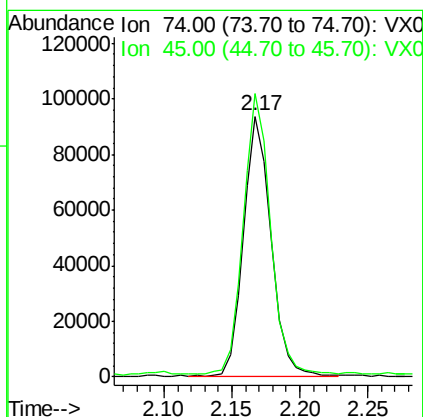
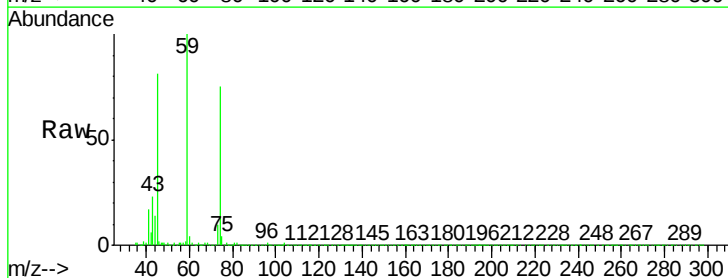
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#8

Diethyl Ether
Concen: 19.269 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.7	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.854 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

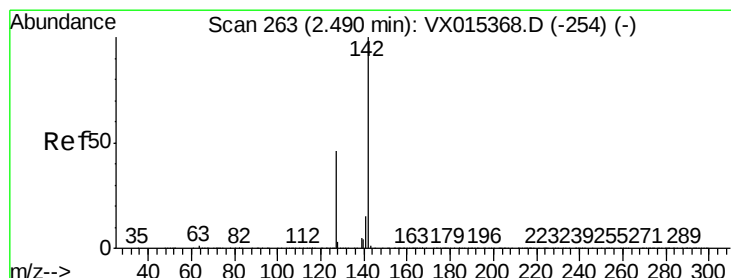
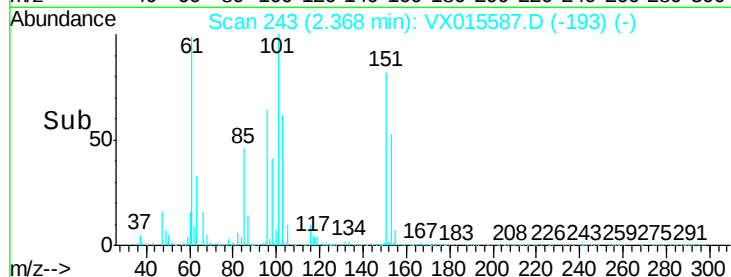
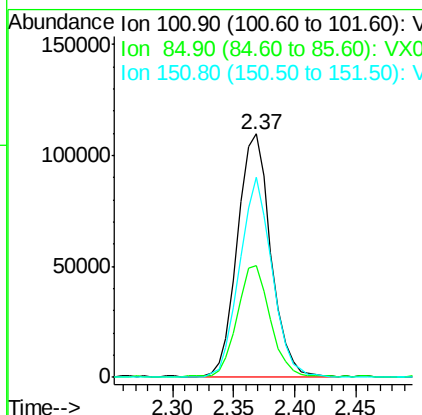
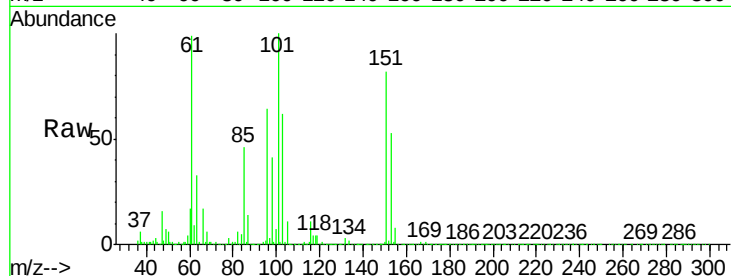
ClientSampleId :

VX0409MBS01

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	46.0	35.0	52.4
151	79.5	64.1	96.1

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#10

Methyl Iodide

Concen: 15.564 ug/l

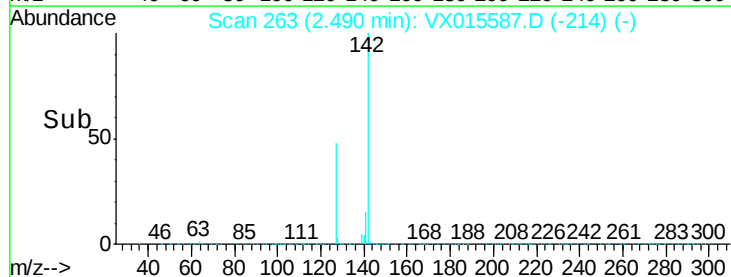
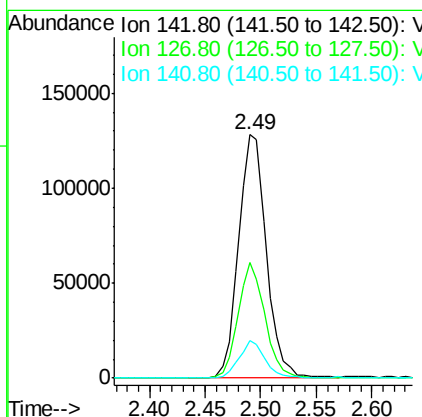
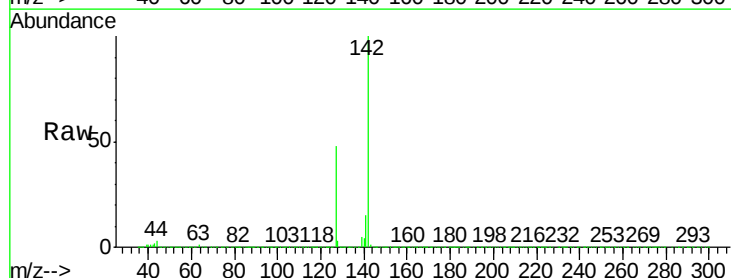
RT: 2.49 min Scan# 263

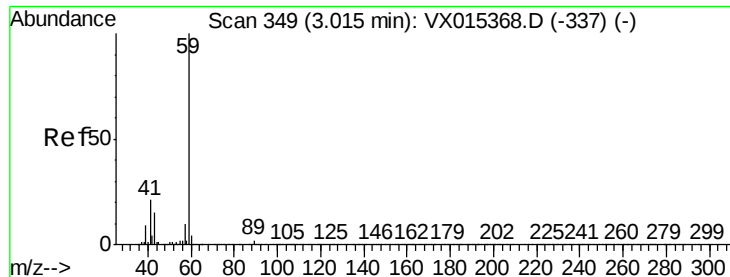
Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	45.2	35.9	53.9
141	14.6	11.6	17.4





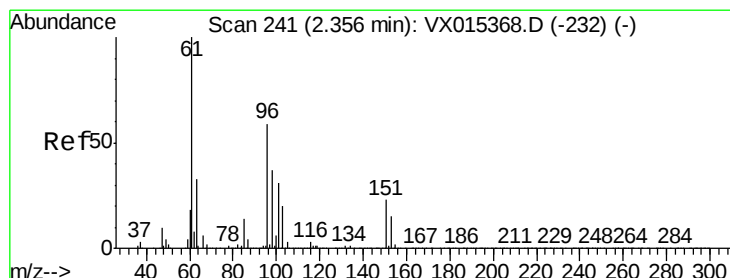
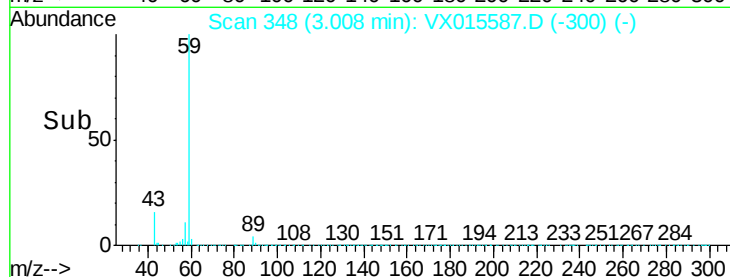
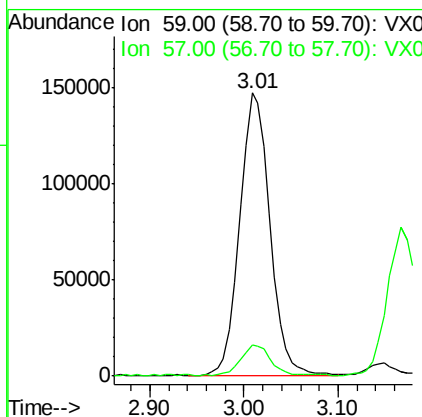
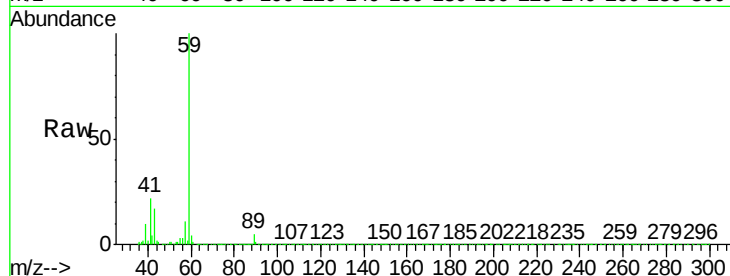
#11
Tert butyl alcohol
Concen: 83.888 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

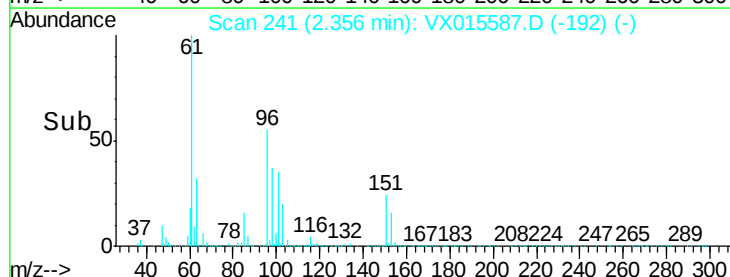
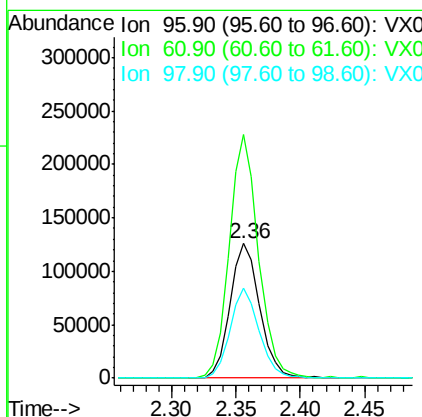
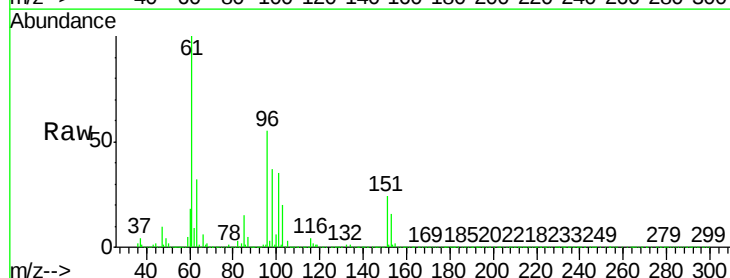
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 18.283 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.9	135.7	203.5
98	66.7	50.6	75.8





#13

Acrolein

Concen: 69.671 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.01 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tot Ion: 56 Resp: 156564

Ion Ratio Lower Upper

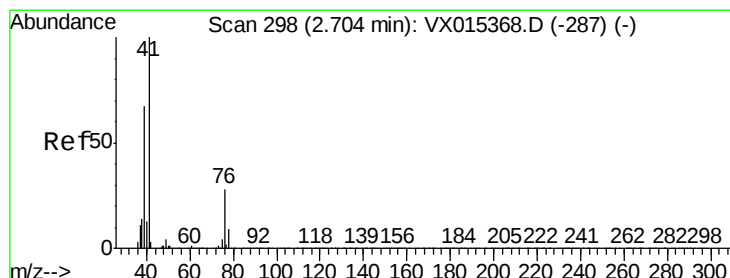
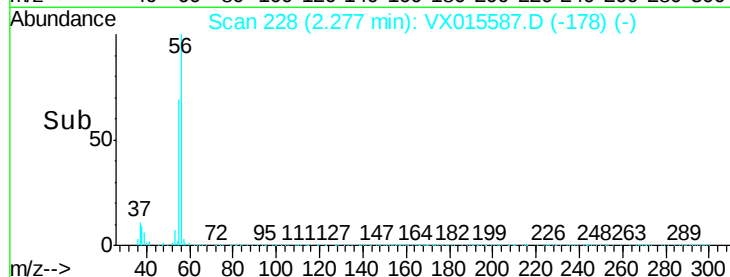
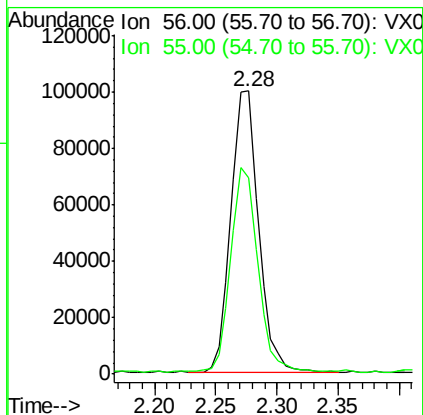
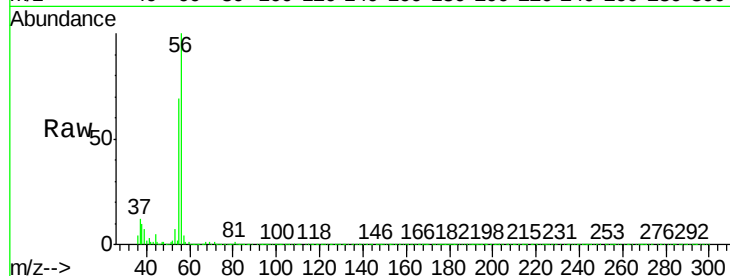
56 100

55 70.2 57.0 85.4

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#14

Allyl chloride

Concen: 17.748 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

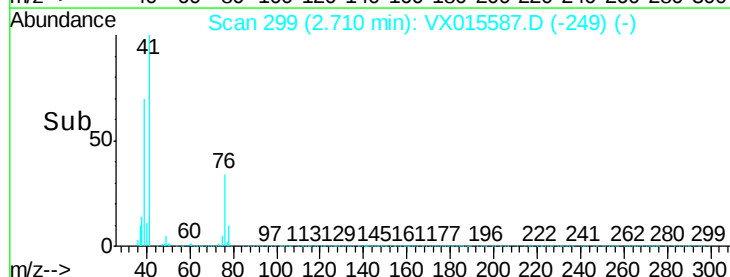
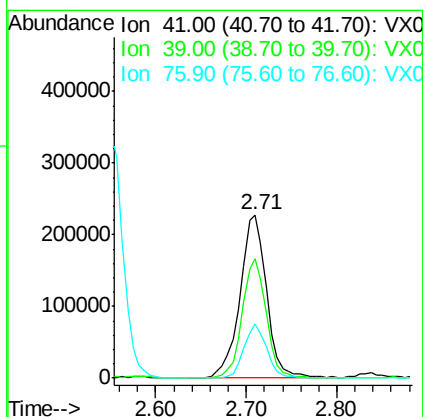
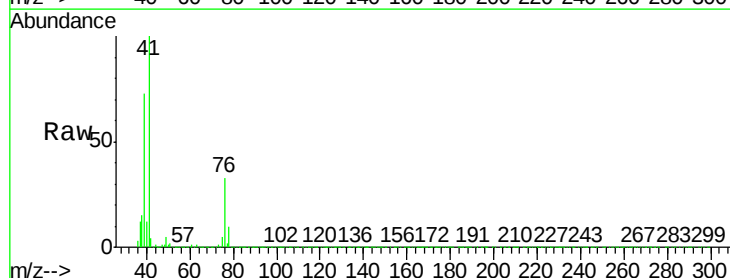
Tgt Ion: 41 Resp: 457517

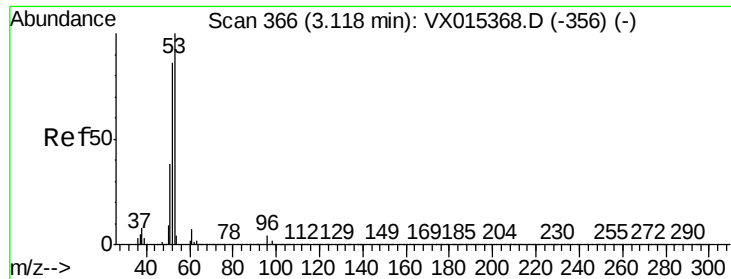
Ion Ratio Lower Upper

41 100

39 66.3 51.4 77.0

76 28.0 21.8 32.8





#15

Acrylonitrile

Concen: 88.641 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

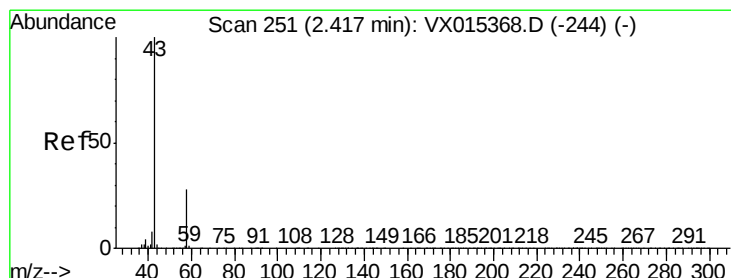
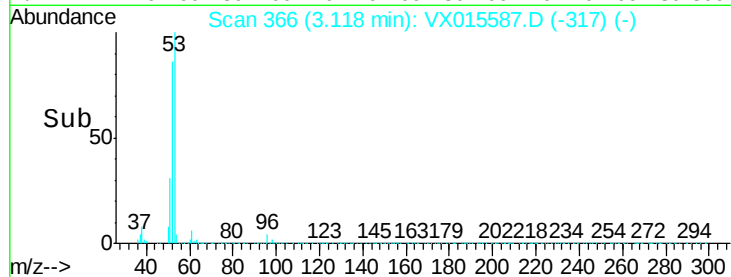
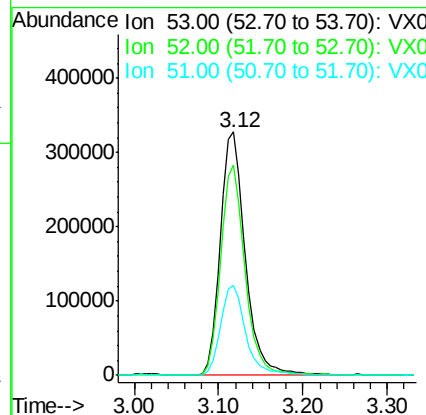
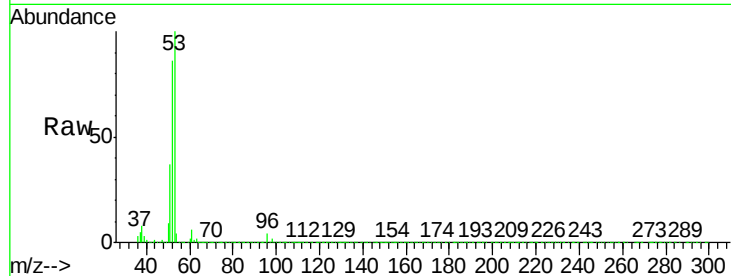
ClientSampleId :

VX0409MBS01

Tot Ion:	53	Resp:	666864
Ion Ratio		Lower	Upper
53	100		
52	84.1	66.8	100.2
51	37.2	29.5	44.3

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#16

Acetone

Concen: 103.908 ug/l

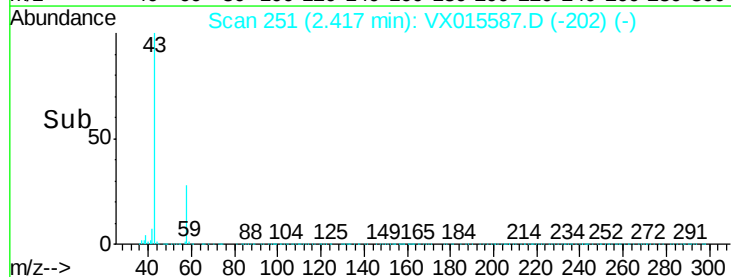
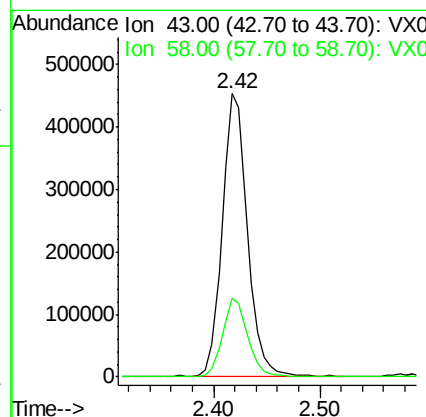
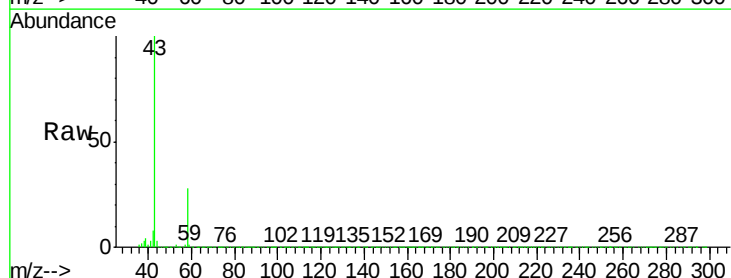
RT: 2.42 min Scan# 251

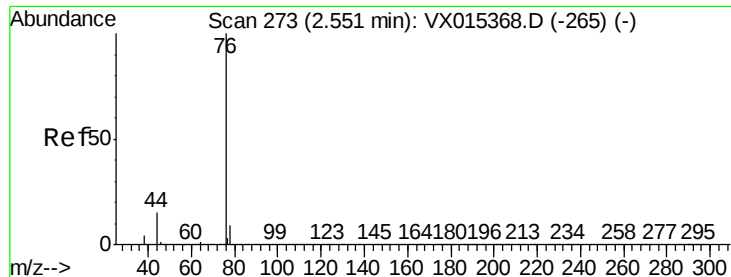
Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Tgt Ion:	43	Resp:	735749
Ion Ratio		Lower	Upper
43	100		
58	27.8	22.1	33.1





#17

Carbon Disulfide

Concen: 16.593 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tot Ion: 76 Resp: 558436

Ion Ratio Lower Upper

76 100

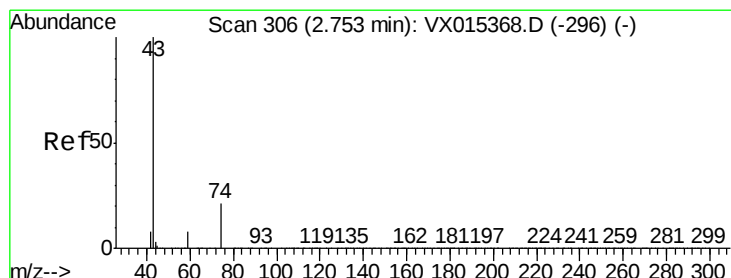
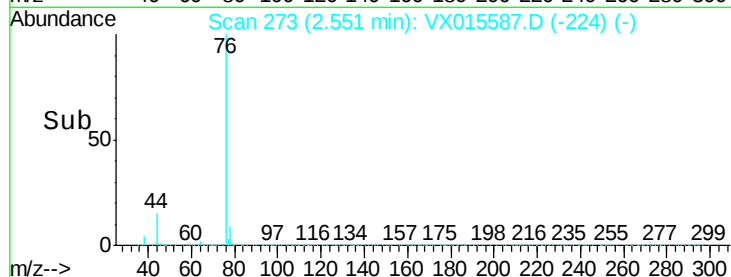
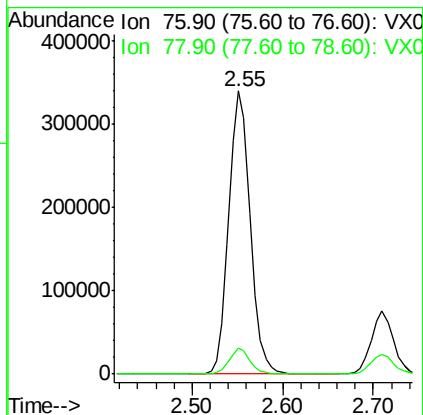
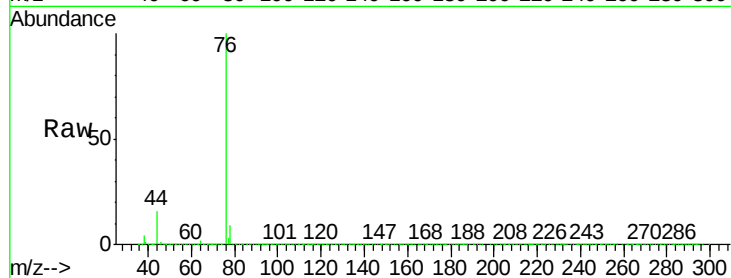
78 9.1 7.1 10.7

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#18

Methyl Acetate

Concen: 18.077 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015587.D

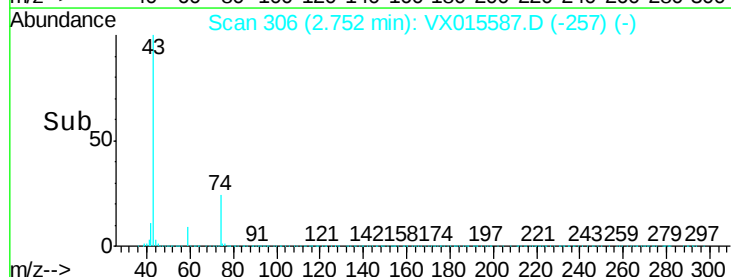
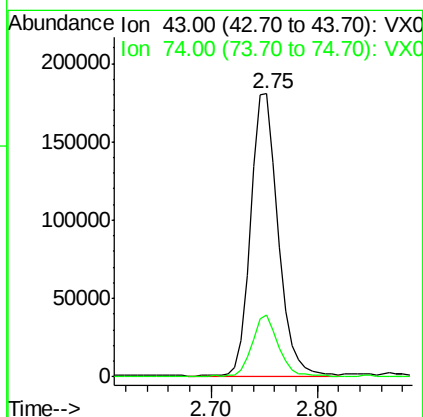
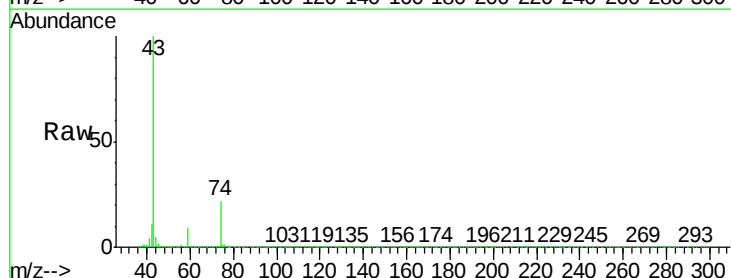
Acq: 09 Apr 2020 11:37

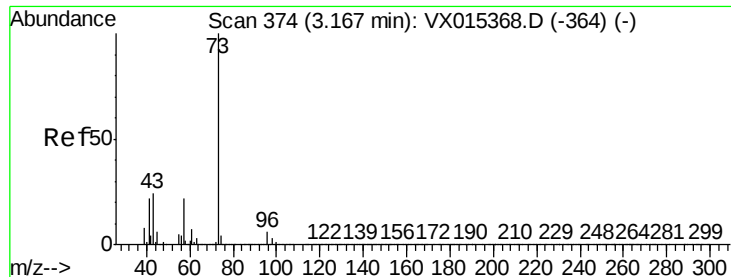
Tgt Ion: 43 Resp: 326695

Ion Ratio Lower Upper

43 100

74 21.4 16.5 24.7





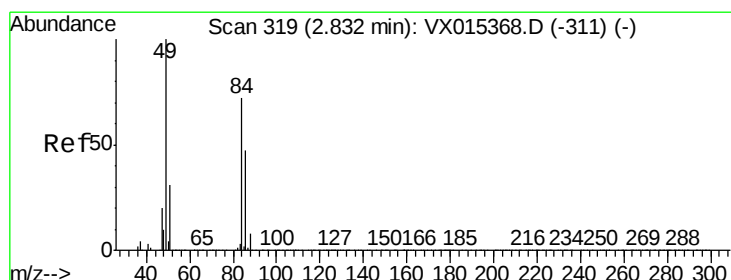
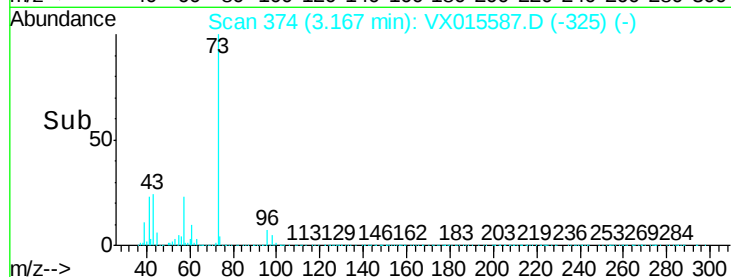
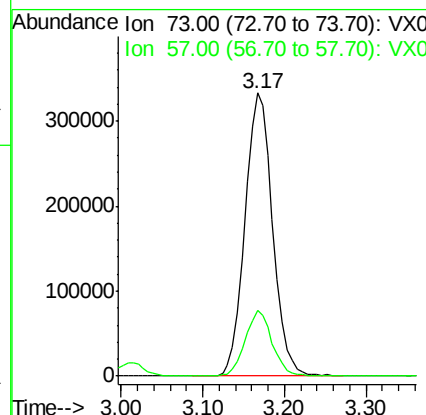
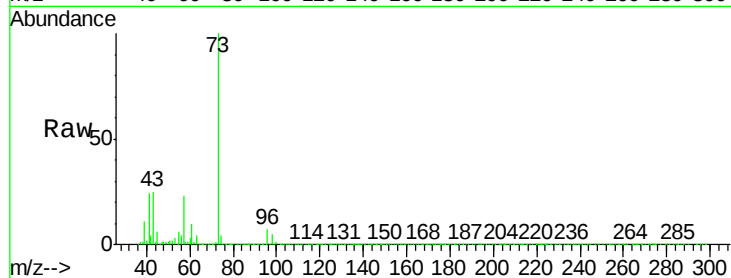
#19
Methvl tert-butvl Ether
Concen: 18.196 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.9	26.9

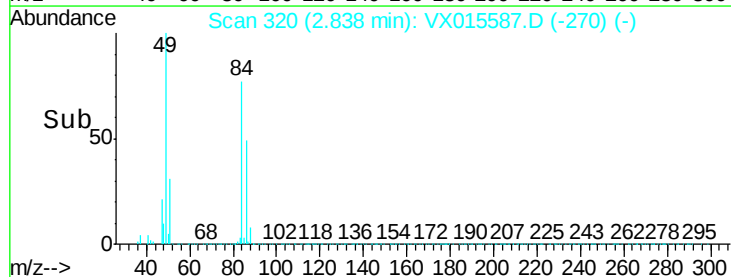
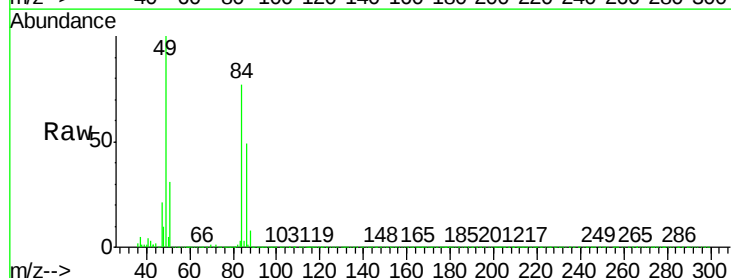
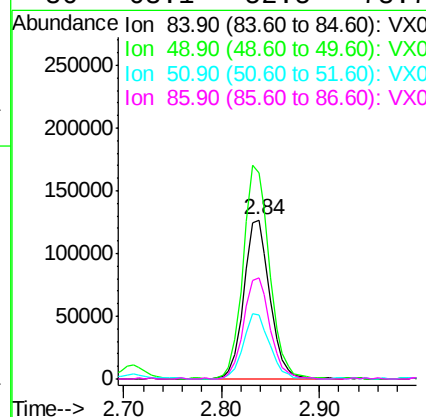
Manual Integrations
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#20
Methylene Chloride
Concen: 17.613 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.8	111.3	166.9
51	40.4	34.0	51.0
86	63.1	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 17.932 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

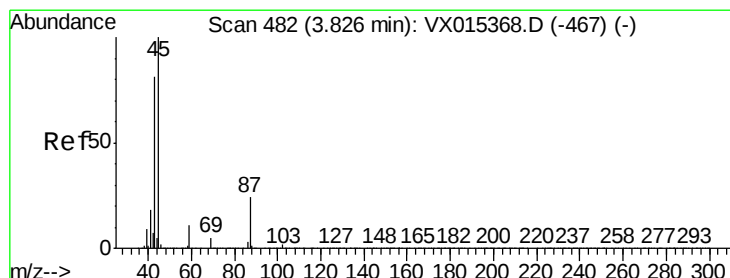
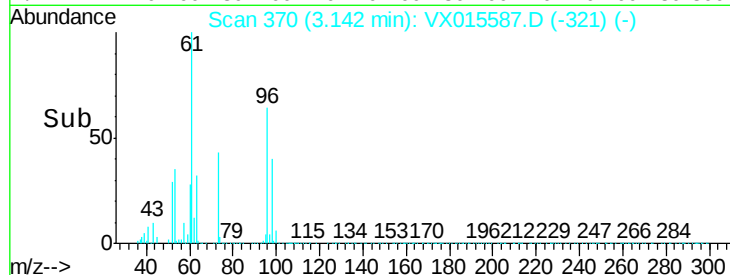
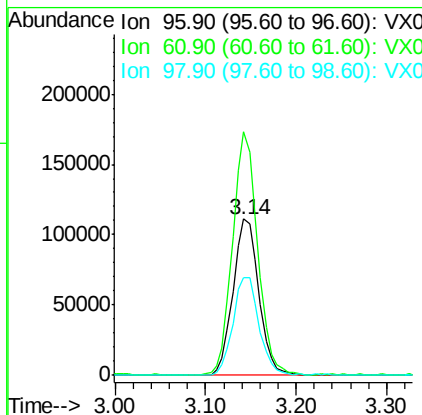
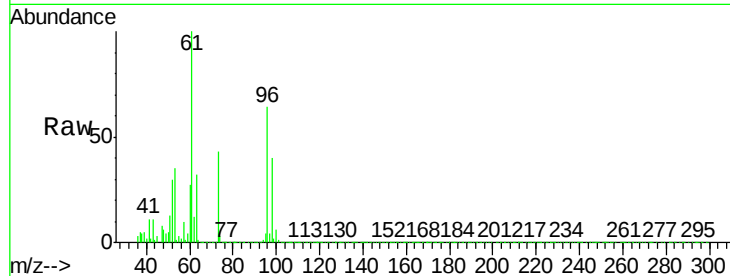
ClientSampleId :

VX0409MBS01

Tot Ion:	96	Resp:	219554
Ion	Ratio	Lower	Upper
96	100		
61	155.6	116.9	175.3
98	62.3	48.6	73.0

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#22

Diisopropyl ether

Concen: 18.546 ug/l

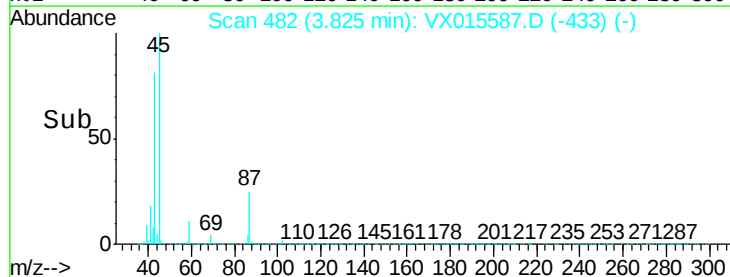
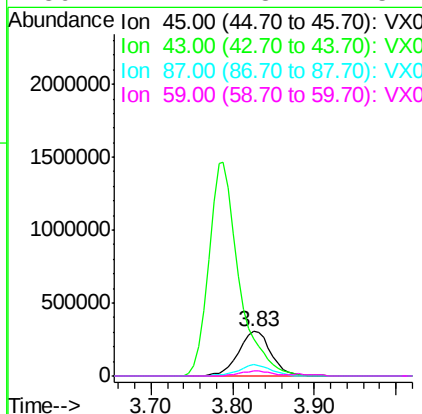
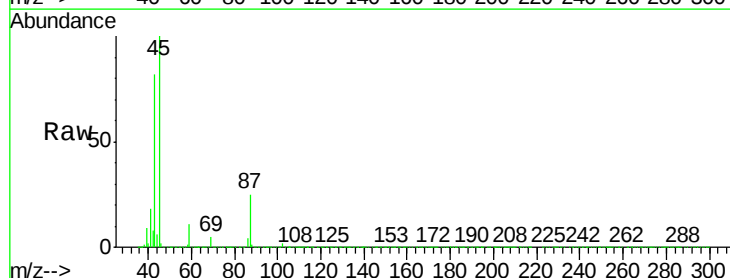
RT: 3.83 min Scan# 482

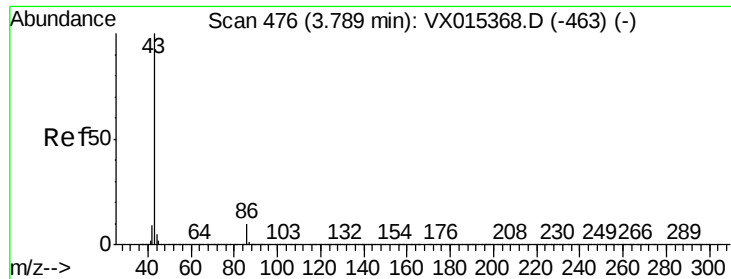
Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Tgt Ion:	45	Resp:	847151
Ion	Ratio	Lower	Upper
45	100		
43	80.5	64.7	97.1
87	24.7	19.4	29.0
59	11.2	8.7	13.1





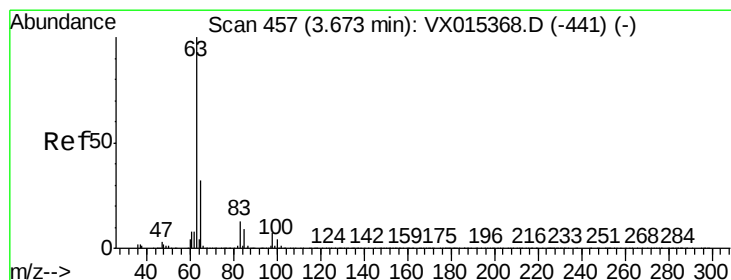
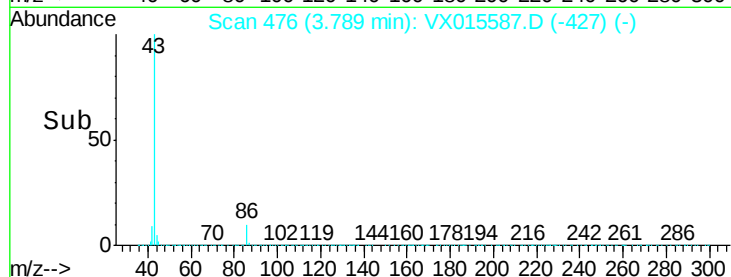
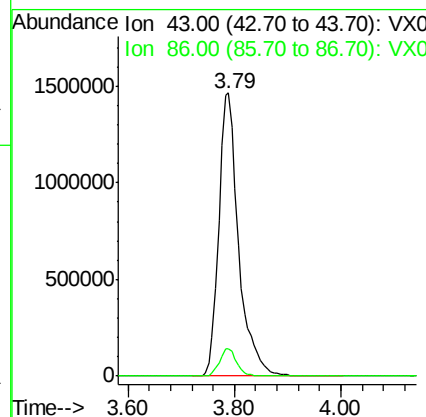
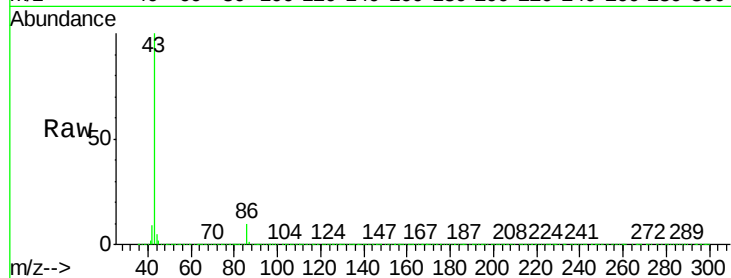
#23
 Vinyl Acetate
 Concen: 91.908 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Tot Ion: 43 Resp: 3801122
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.6

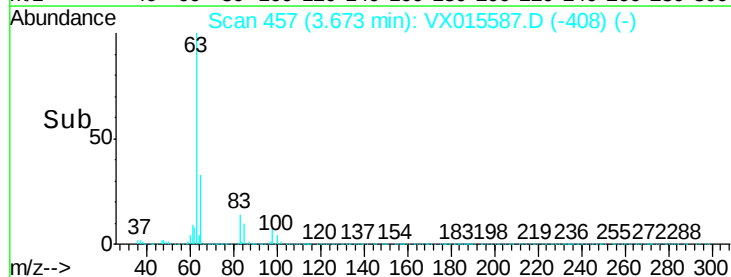
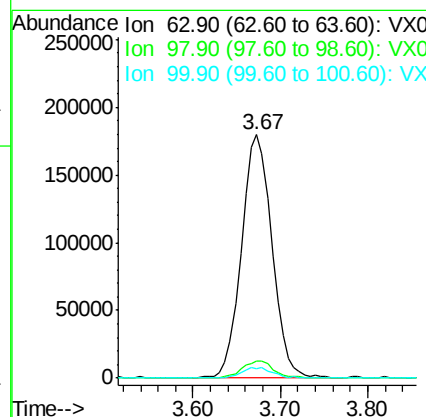
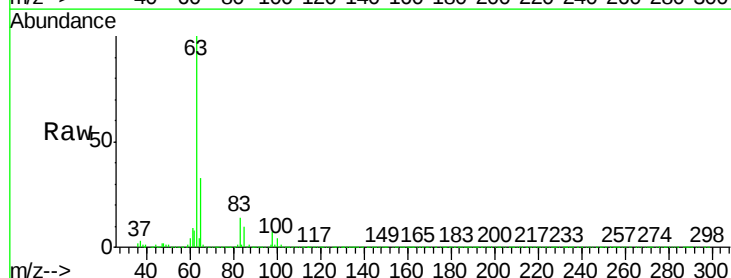
Manual Integrations
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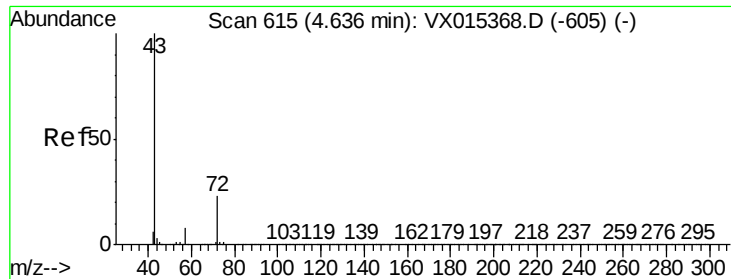
sam
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#24
 1,1-Dichloroethane
 Concen: 18.033 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Tgt Ion: 63 Resp: 433696
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 92.201 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tot Ion: 43 Resp: 1049929

Ion Ratio Lower Upper

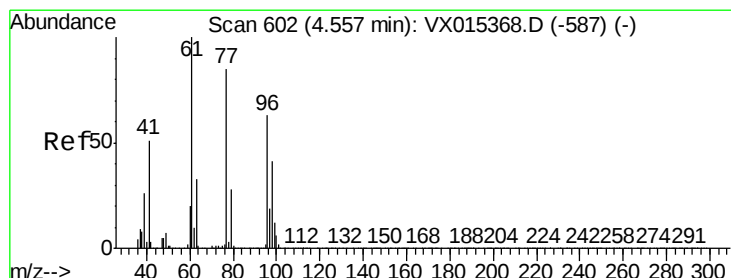
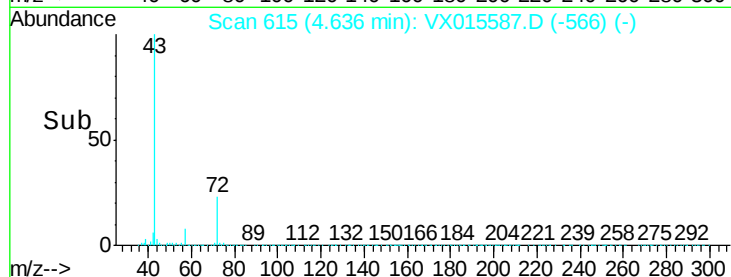
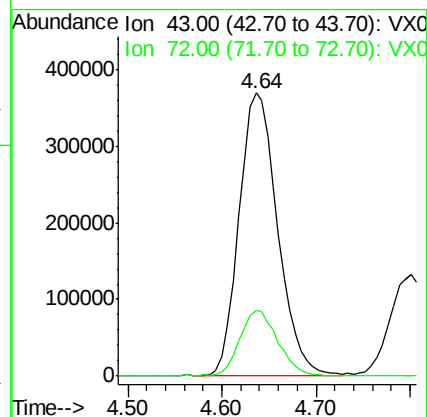
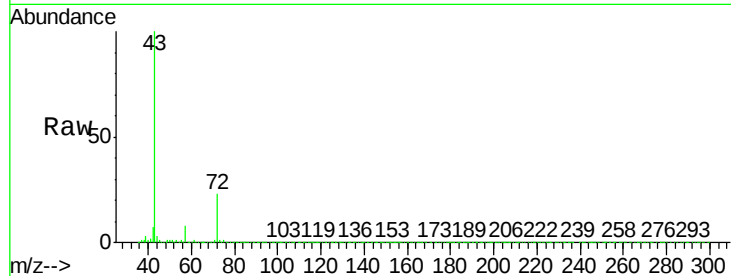
43 100

72 23.0 19.0 28.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.974 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015587.D

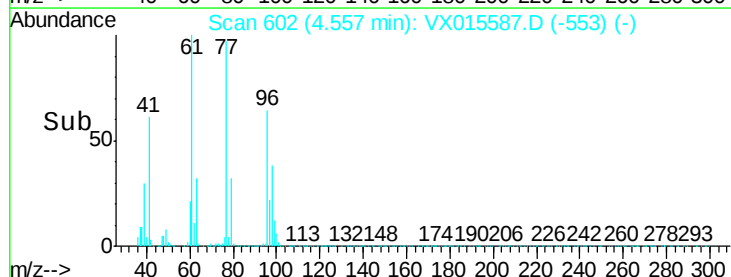
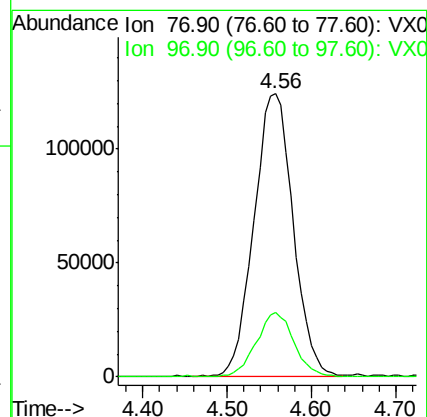
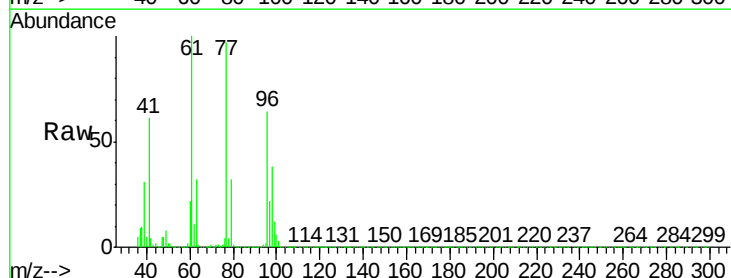
Acq: 09 Apr 2020 11:37

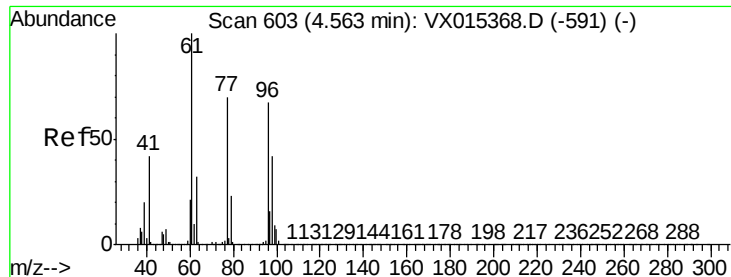
Tgt Ion: 77 Resp: 394304

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8





#27

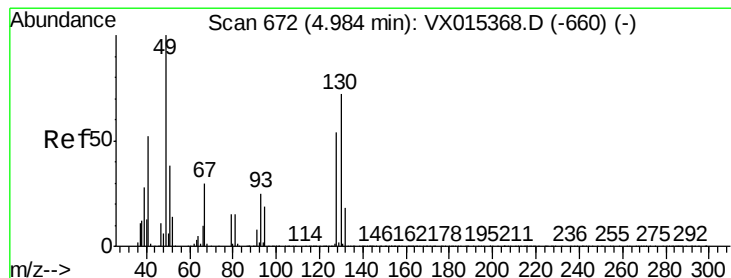
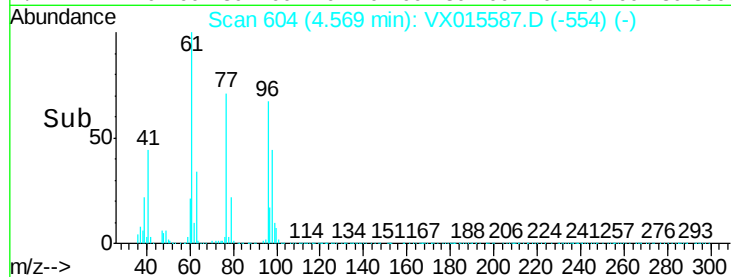
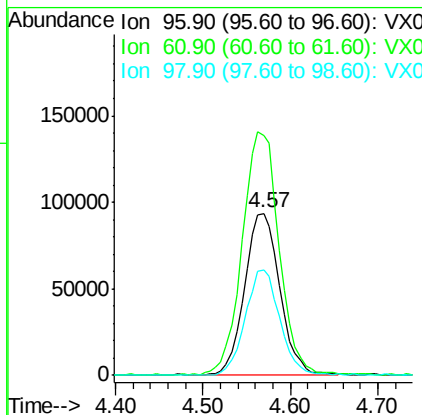
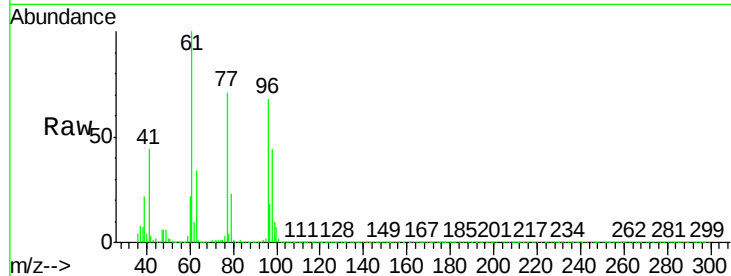
cis-1,2-Dichloroethene
Concen: 18.388 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	260474		
61	157.6	0.0	308.4	
98	64.6	0.0	129.2	

Manual Integrations
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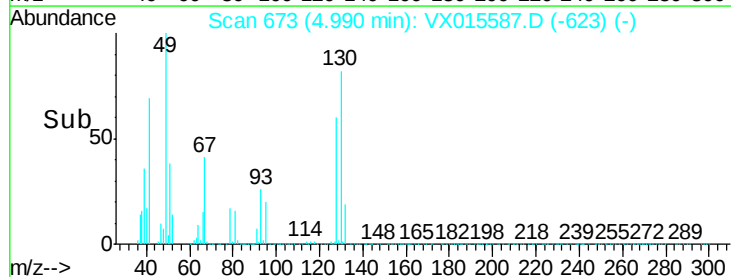
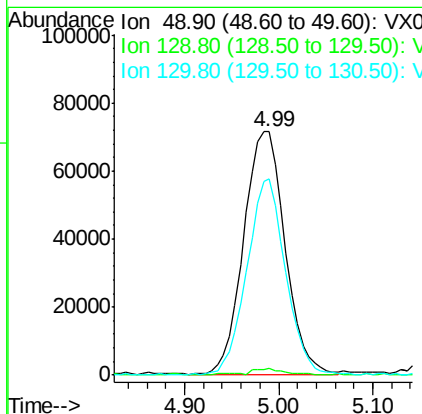
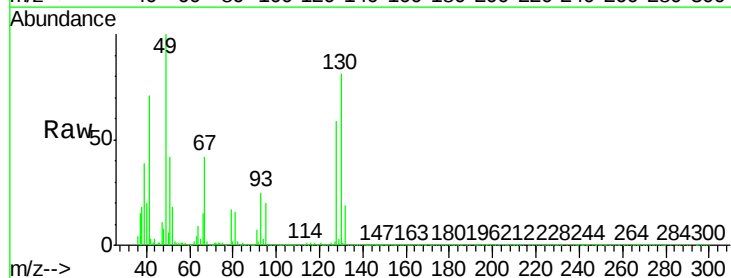
sam
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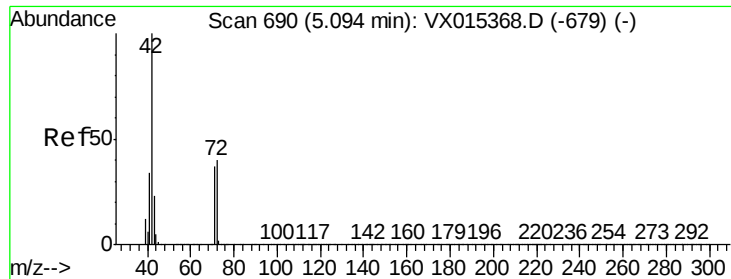


#28

Bromochloromethane
Concen: 19.104 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.01 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	219369		
129	2.1	0.0	4.4	
130	75.8	57.7	86.5	





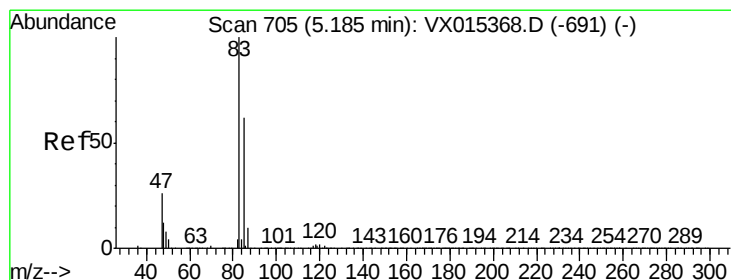
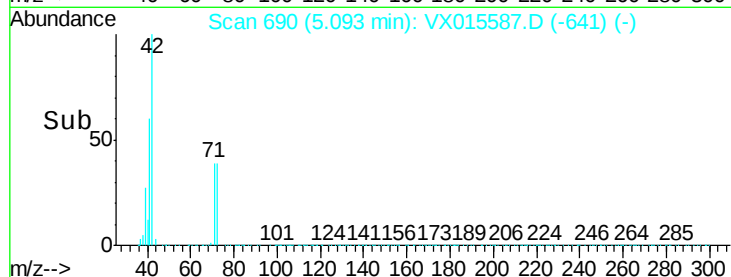
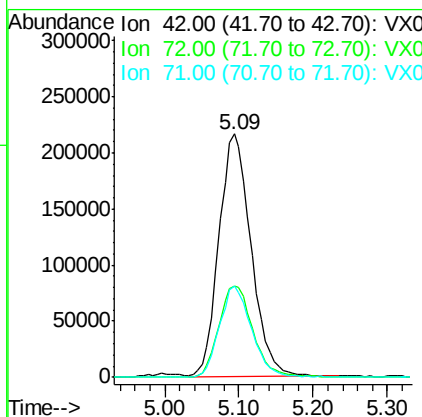
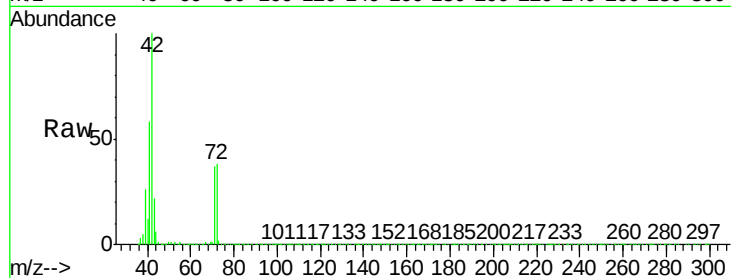
#29
Tetrahydrofuran
Concen: 88.815 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.7	47.5
71	37.7	29.6	44.4

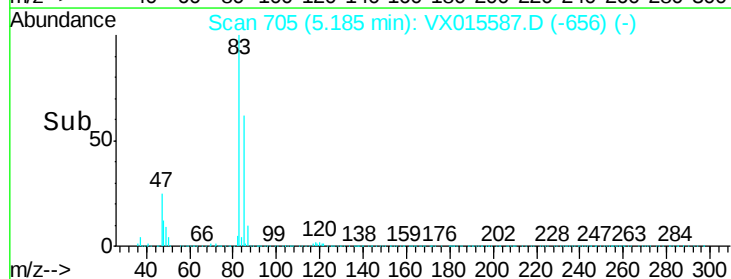
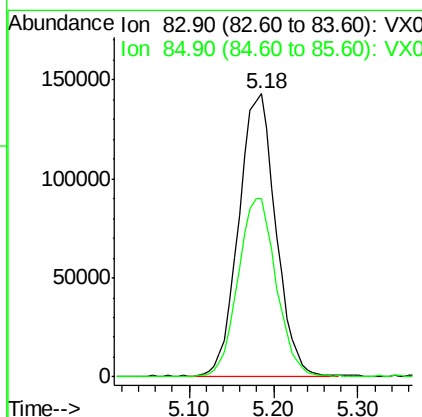
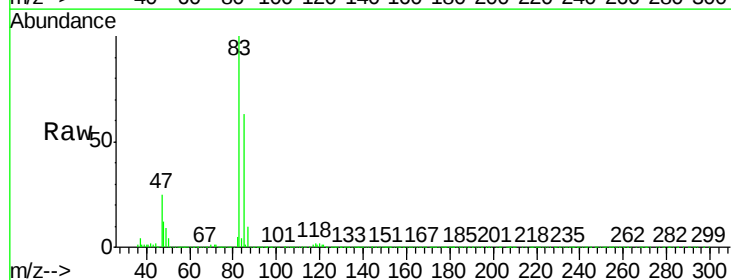
Manual Integrations
APPROVED

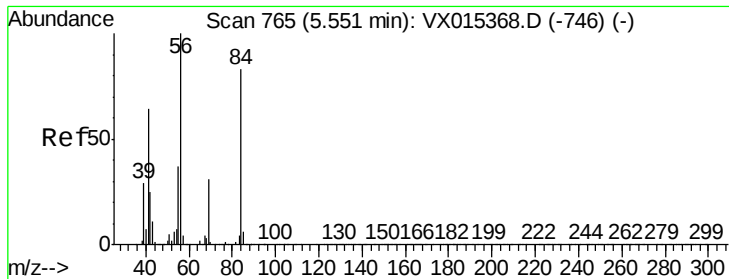
sam
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#30
Chloroform
Concen: 18.429 ug/l
RT: 5.18 min Scan# 705
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.5	74.3





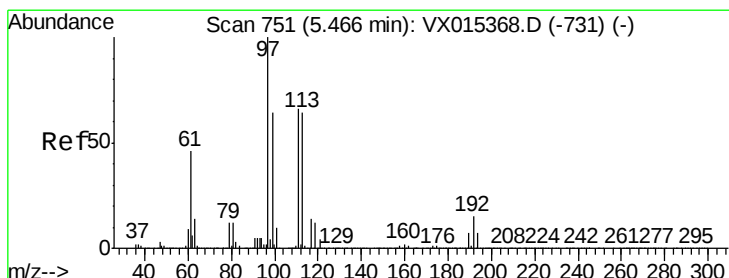
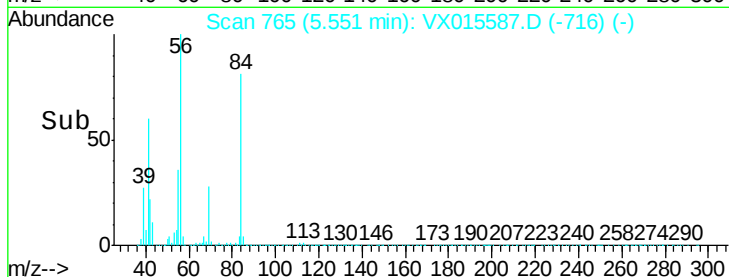
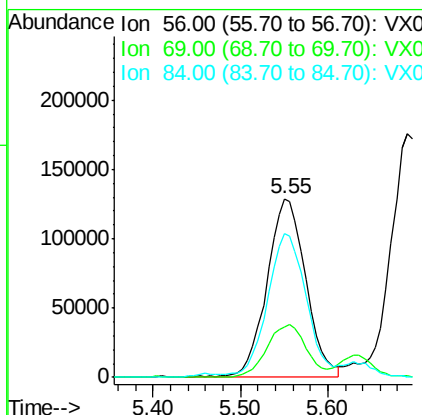
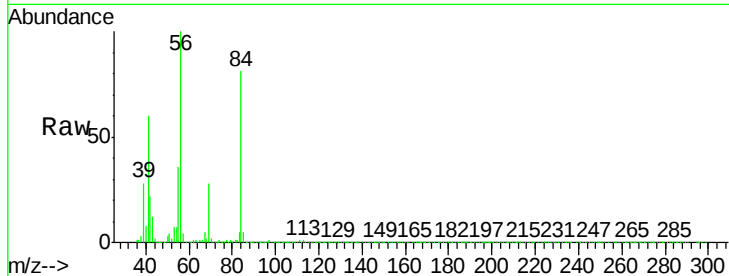
#31
Cyclohexane
Concen: 18.979 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.9	24.6	36.8
84	79.6	66.1	99.1

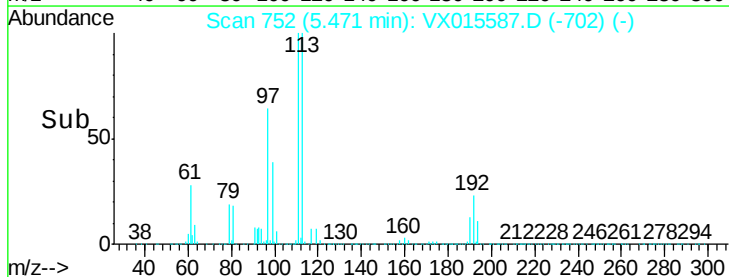
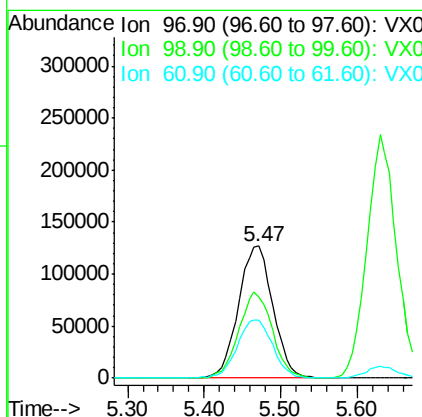
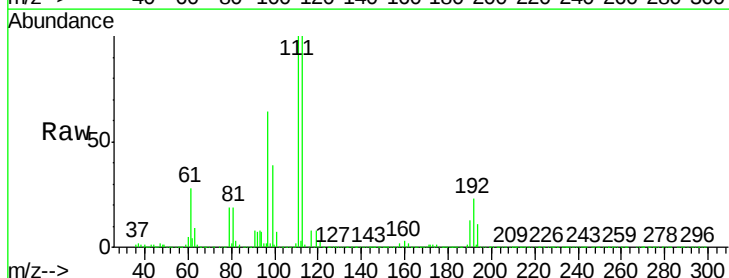
Manual Integrations
APPROVED

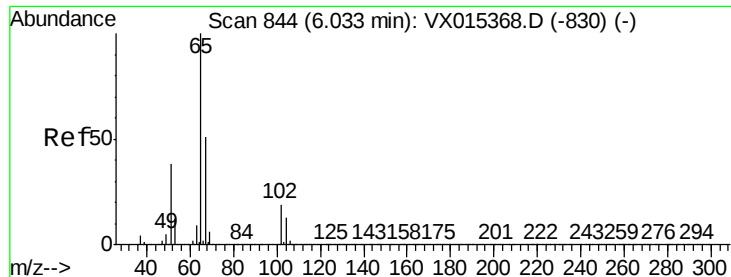
sam
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#32
1,1,1-Trichloroethane
Concen: 18.805 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	45.3	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.120 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tot Ion: 65 Resp: 760114

Ion Ratio Lower Upper

65 100

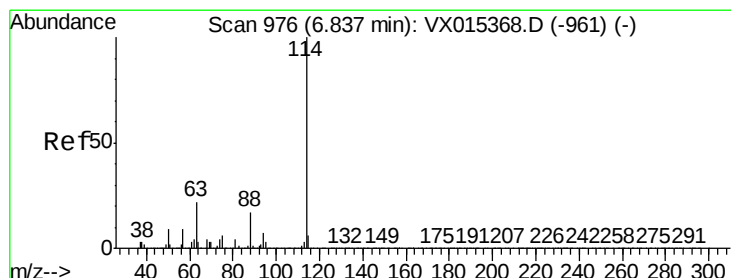
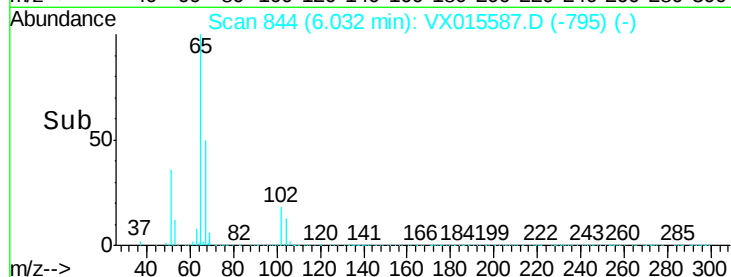
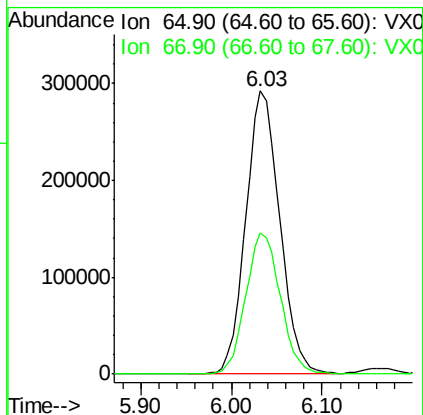
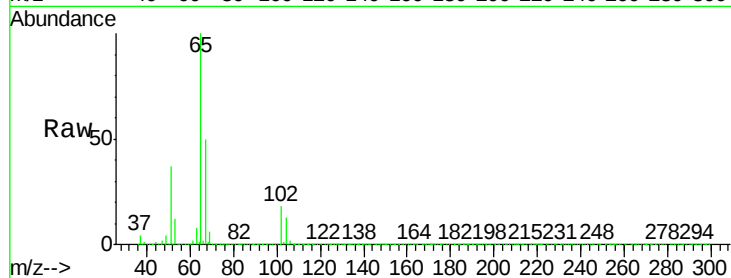
67 50.9 0.0 102.6

Manual Integrations

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sam

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

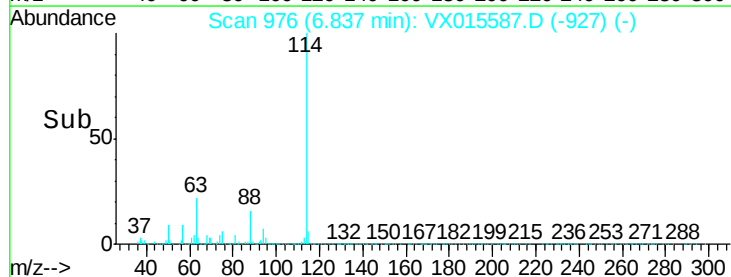
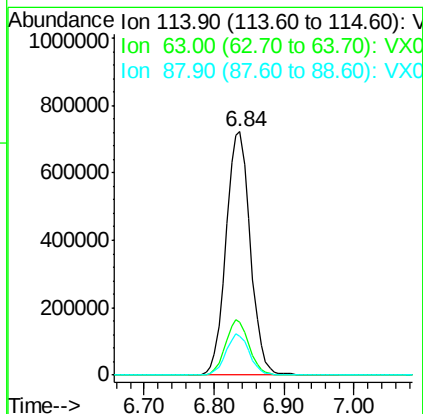
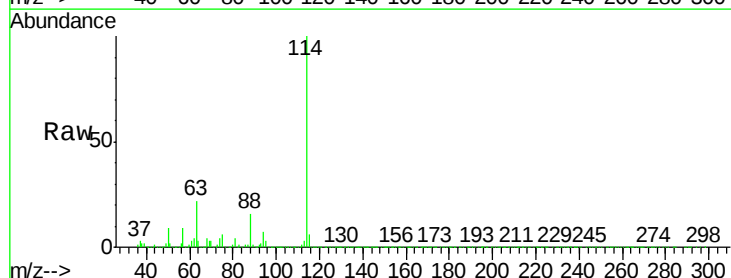
Tgt Ion: 114 Resp: 1740285

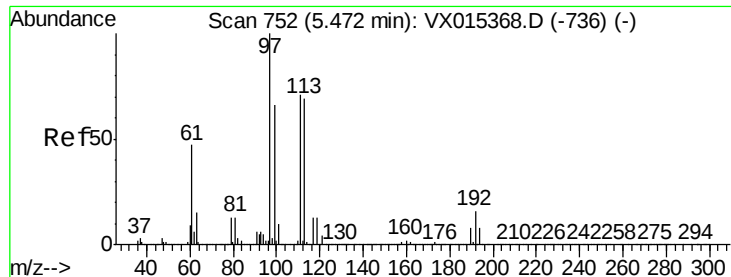
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

88 16.0 0.0 33.8





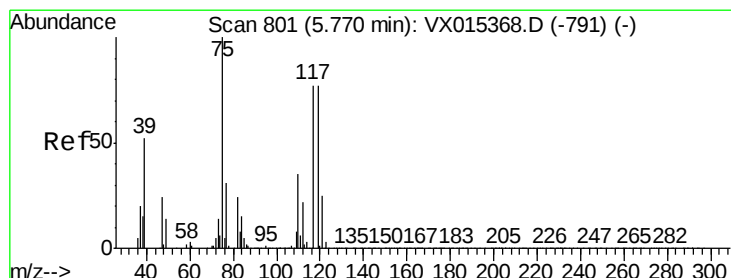
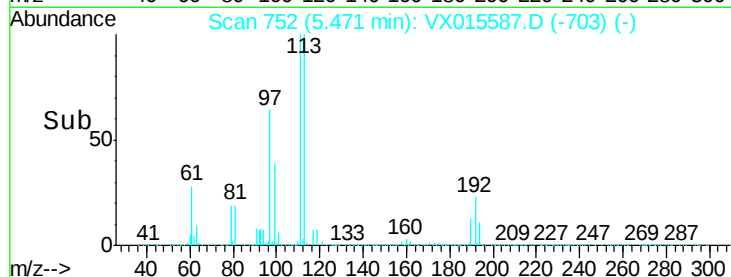
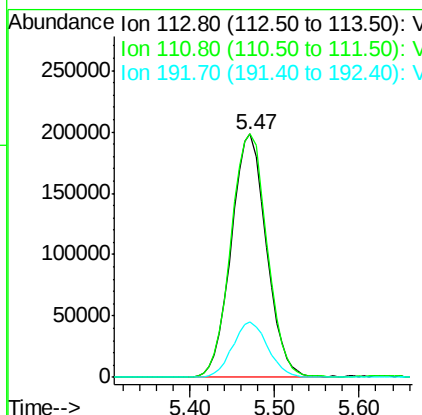
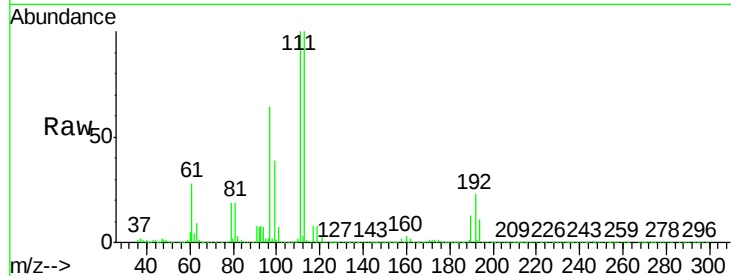
#35
 Dibromofluoromethane
 Concen: 50.295 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.8	81.5	122.3	
192	22.6	17.8	26.6	

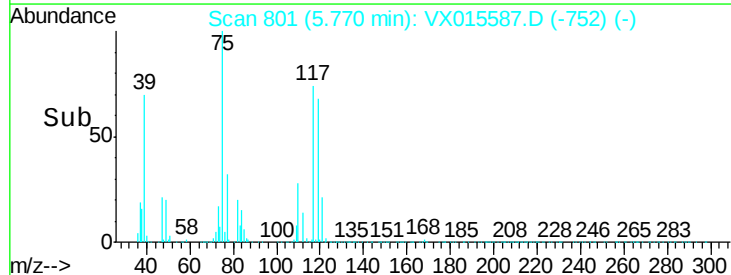
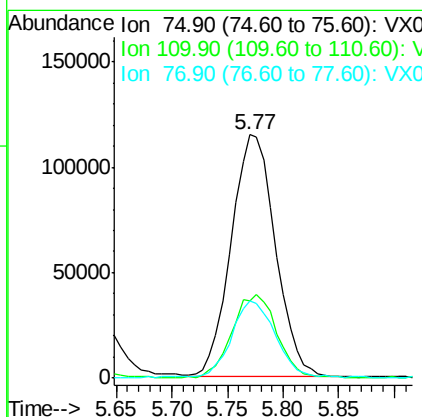
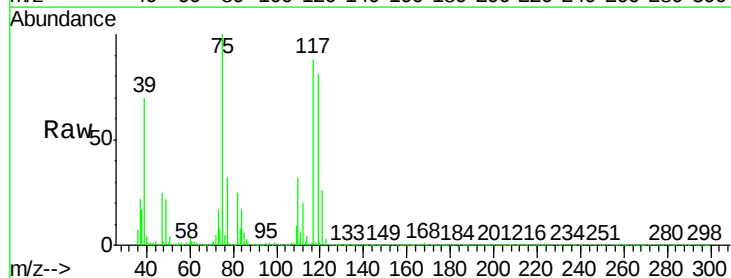
Manual Integrations
 APPROVED

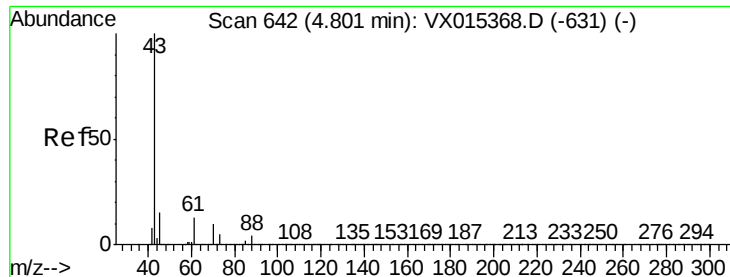
sam
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#36
 1,1-Dichloropropene
 Concen: 19.699 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.0	17.1	51.3	
77	31.7	24.6	36.8	





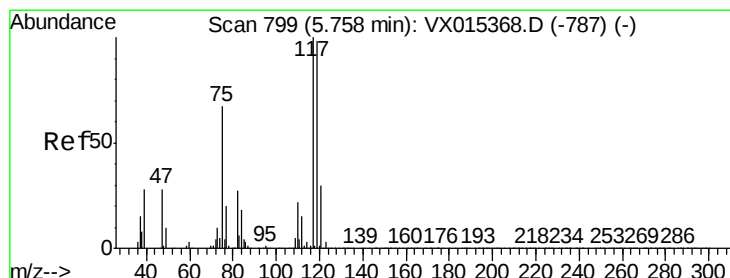
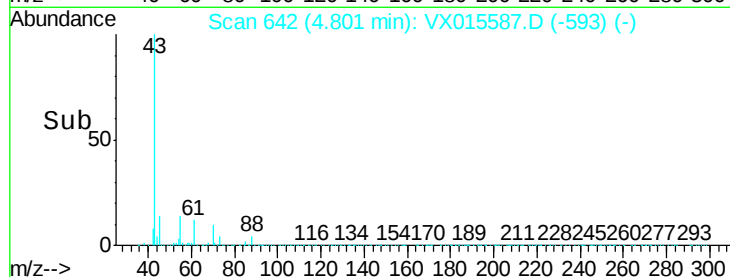
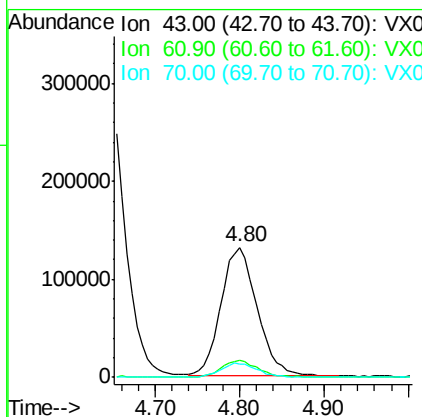
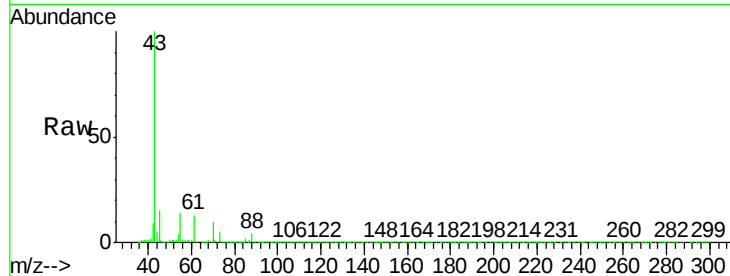
#37
Ethyl Acetate
Concen: 18.528 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.9	14.9
70	10.6	8.1	12.1

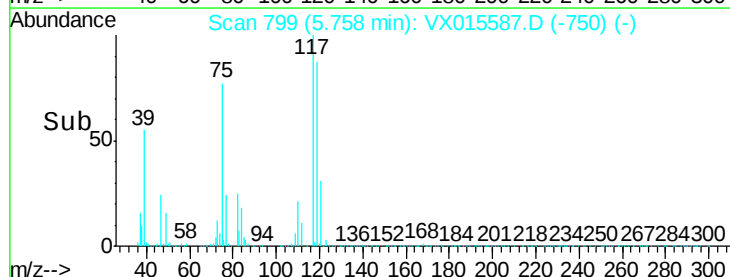
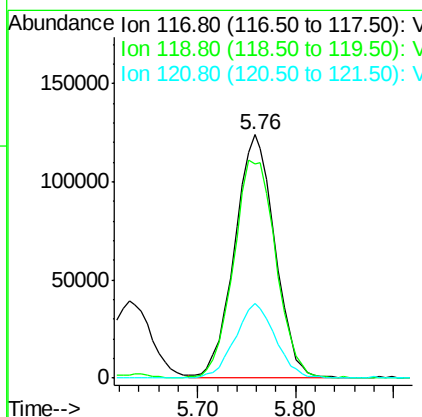
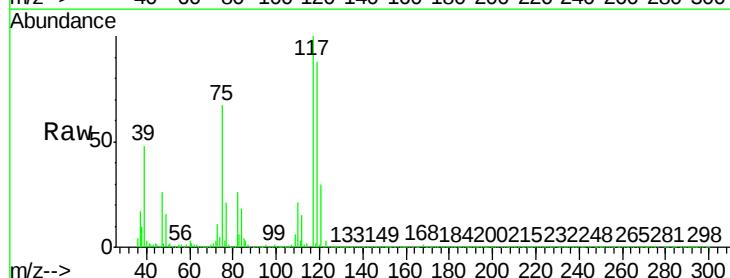
Manual Integrations
APPROVED

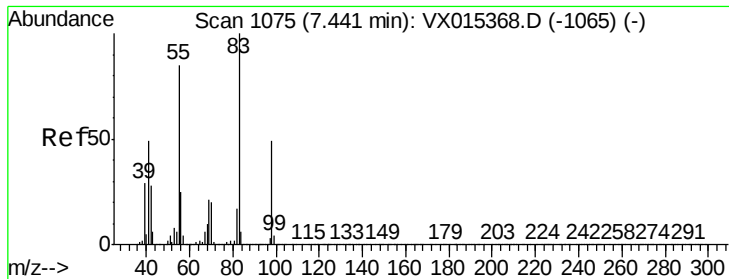
sam
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#38
Carbon Tetrachloride
Concen: 20.273 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.6	78.0	117.0
121	30.4	23.8	35.8





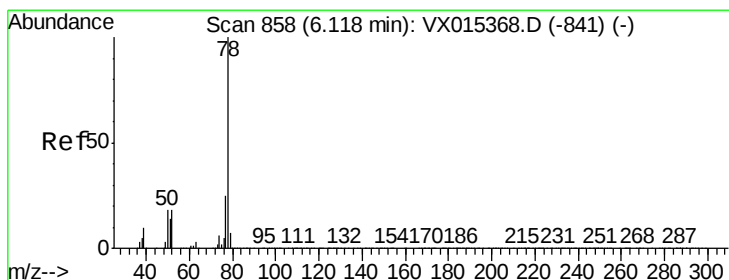
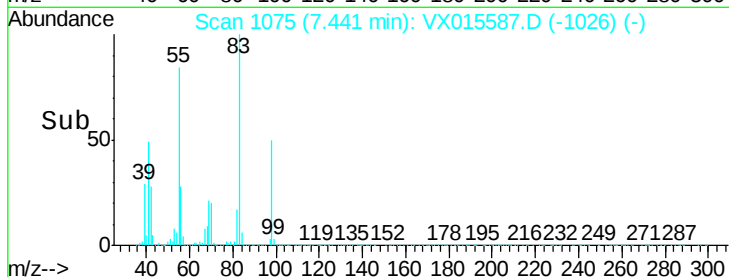
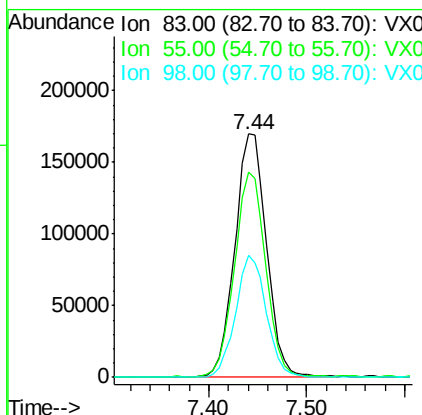
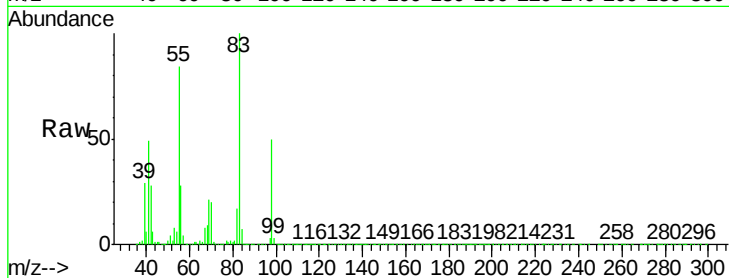
#39
Methvlcvclohexane
Concen: 20.558 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.0	67.8	101.6
98	50.1	39.3	58.9

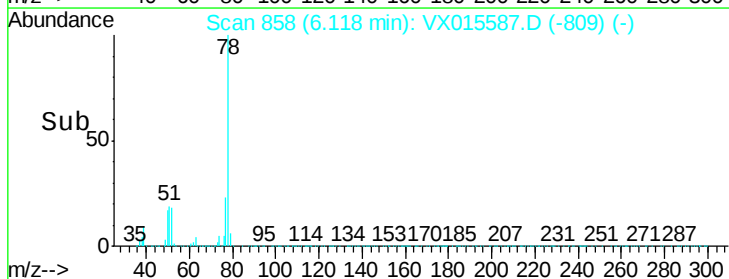
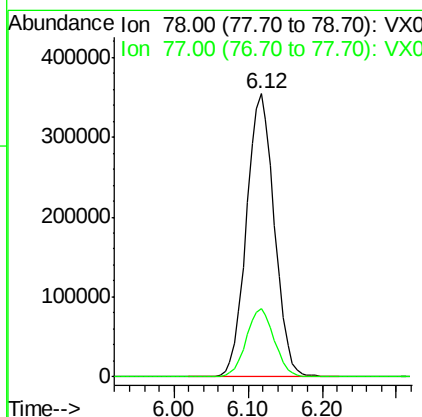
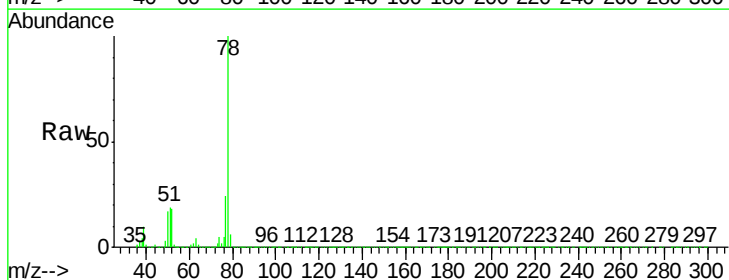
Manual Integrations
APPROVED

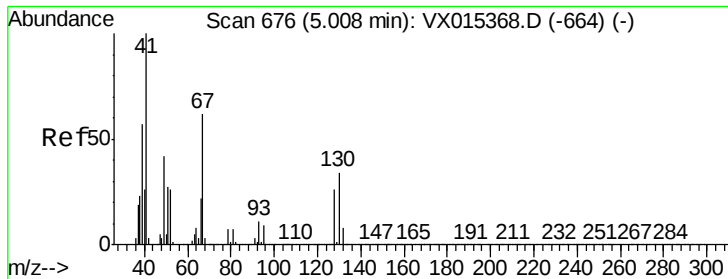
sam
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#40
Benzene
Concen: 19.817 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.8	29.8





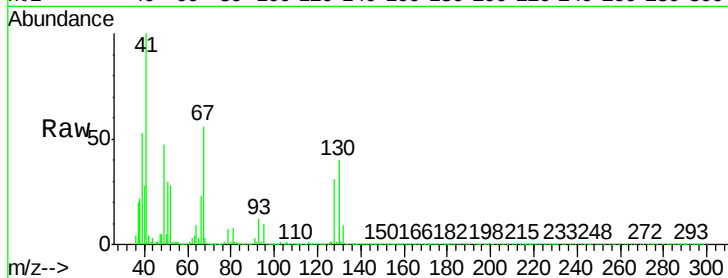
#41
Methacrylonitrile
Concen: 19.319 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.5	66.7
67	62.1	48.9	73.3
52	27.6	21.8	32.6

Manual Integrations
APPROVED

sam
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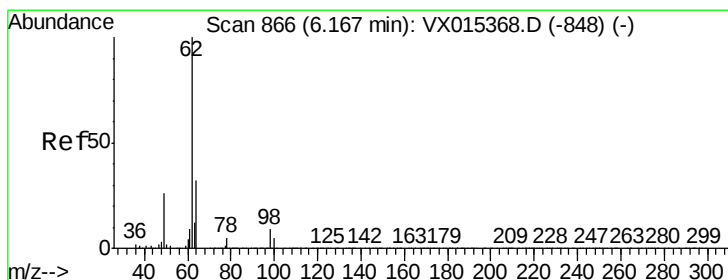
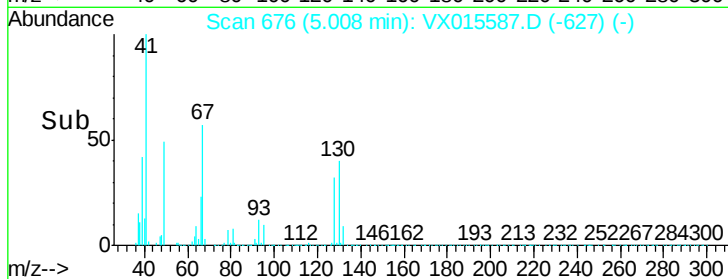
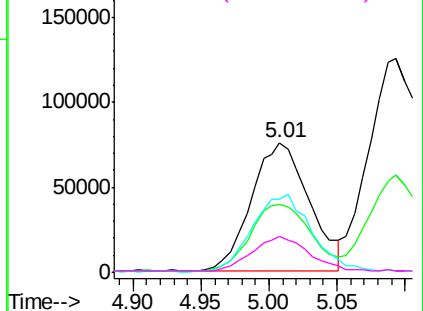
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

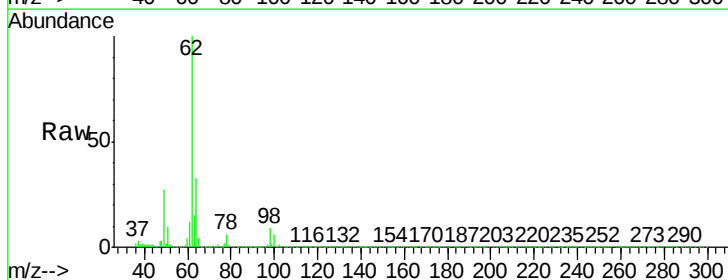
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.043 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

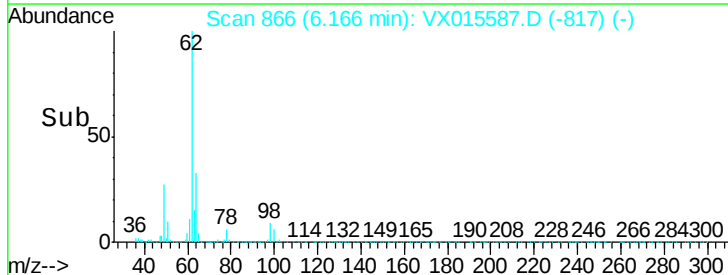
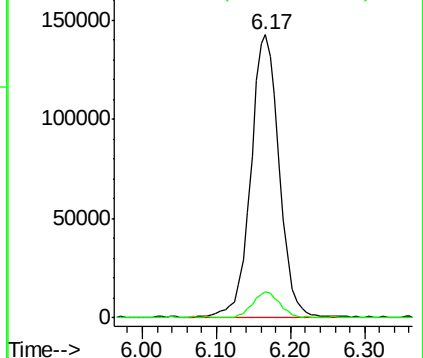
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6

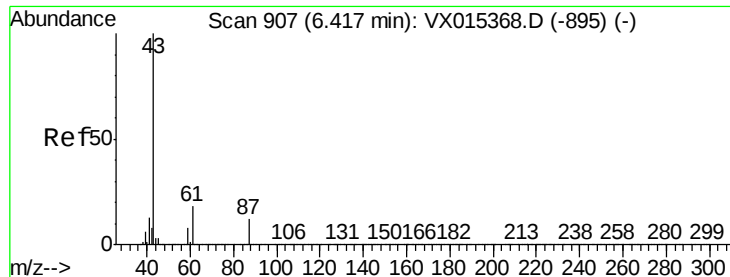


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

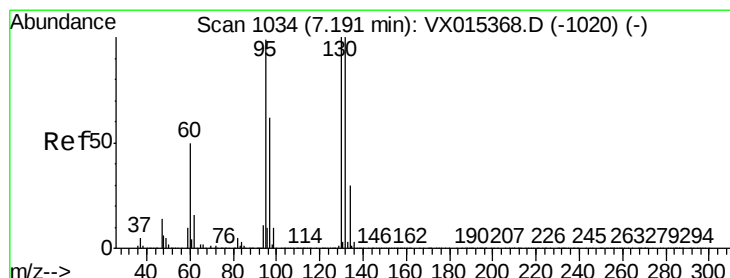
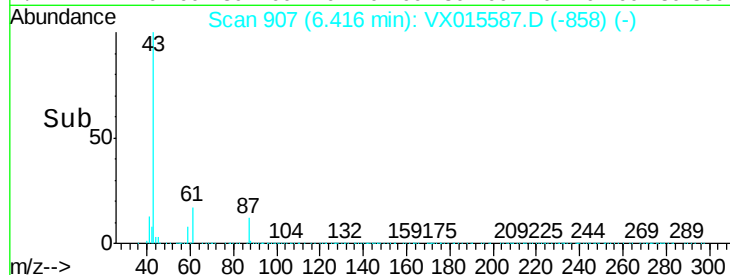
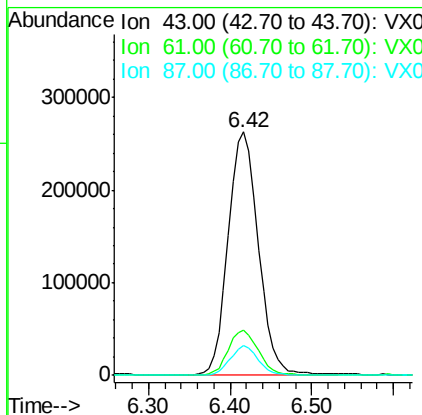
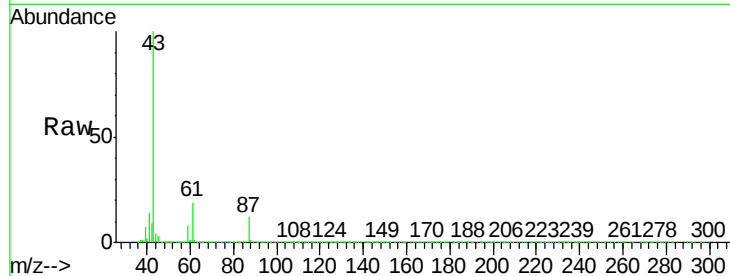
Isopropyl Acetate
 Concen: 18.961 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Tot Ion:	43	Resp:	668292
Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.8	22.2
87	11.3	9.4	14.0

Manual Integrations
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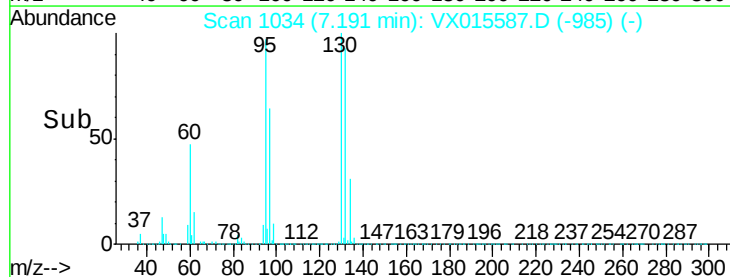
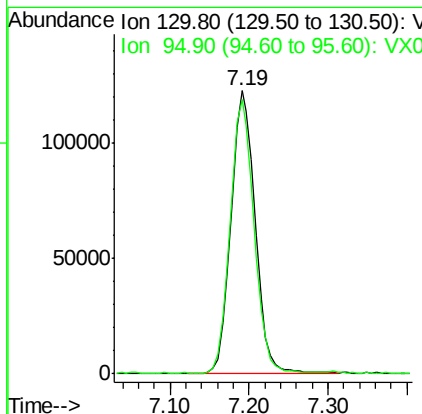
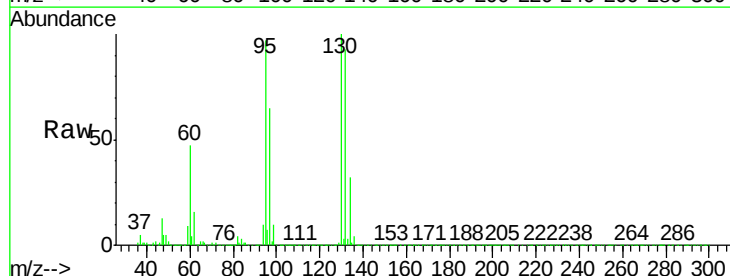
sam
 4/10/2020 2:12:35 PM

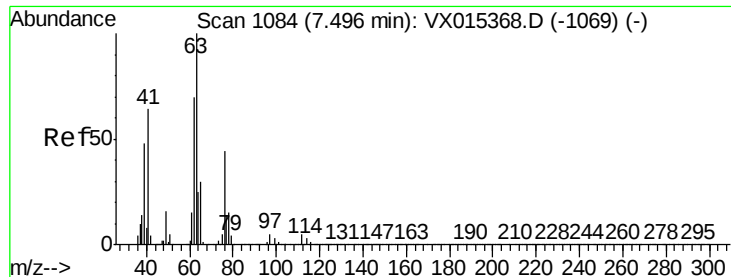


#44

Trichloroethene
 Concen: 20.427 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Tgt Ion:	130	Resp:	261674
Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	199.0





#45

1,2-Dichloropropane

Concen: 19.372 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tot Ion: 63 Resp: 248920

Ion Ratio Lower Upper

63 100

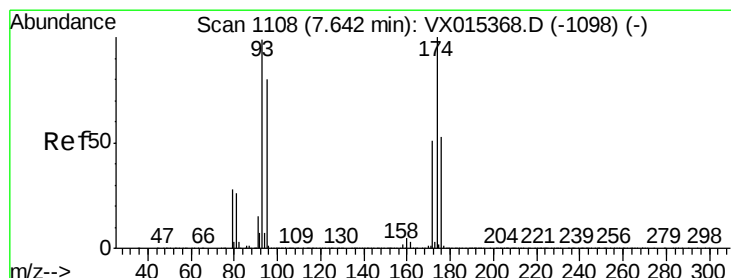
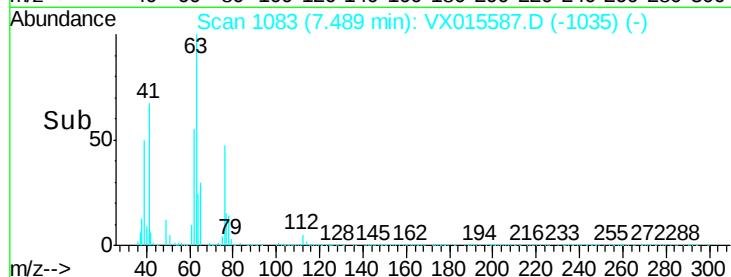
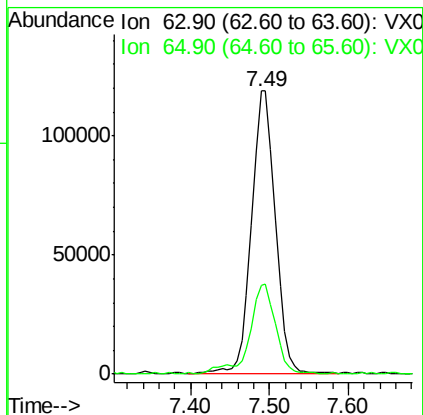
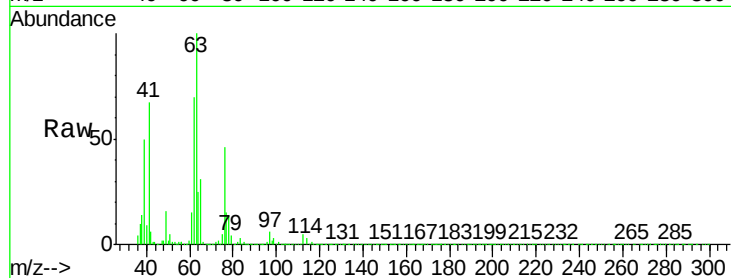
65 31.1 23.9 35.9

Manual Integrations

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sam

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#46

Dibromomethane

Concen: 19.217 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

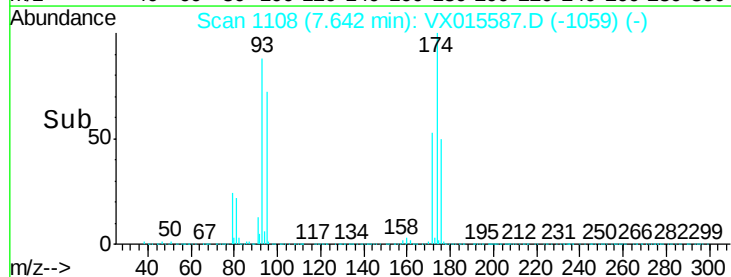
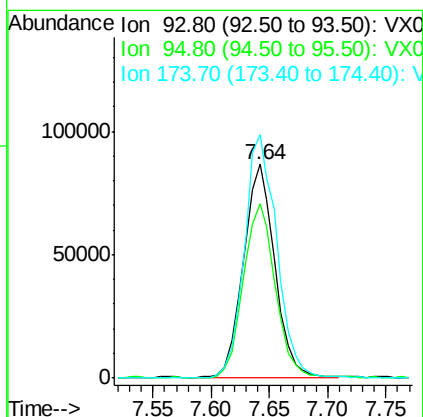
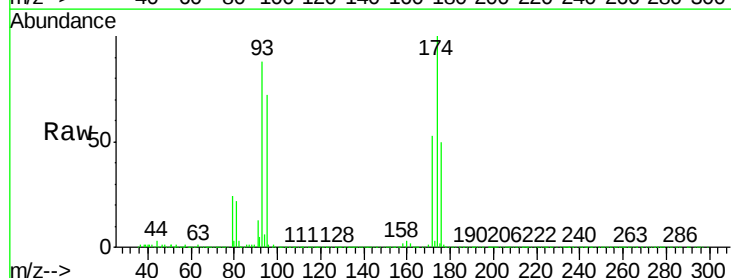
Tgt Ion: 93 Resp: 161979

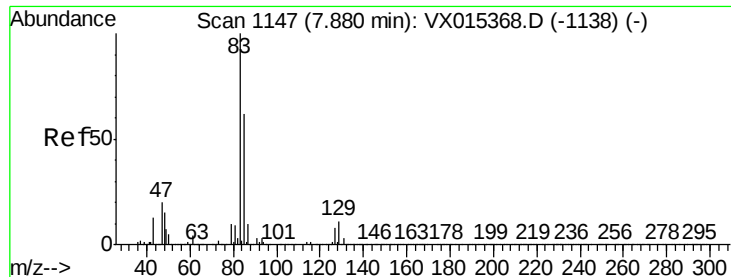
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 118.0 86.2 129.2





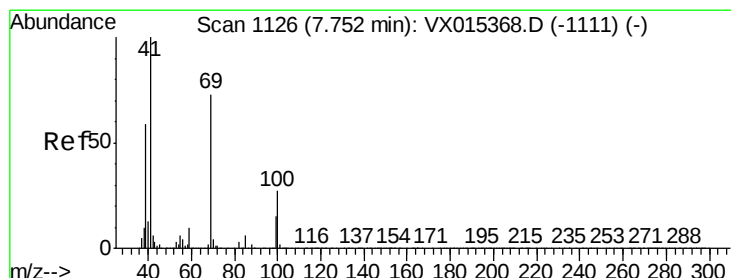
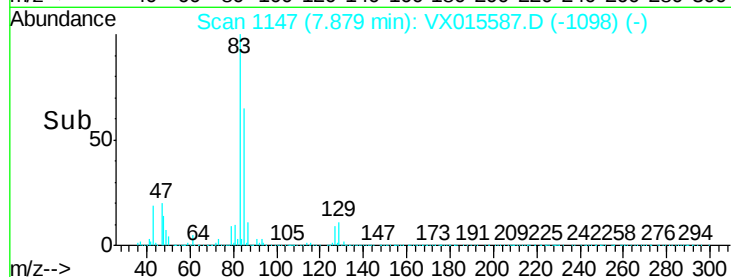
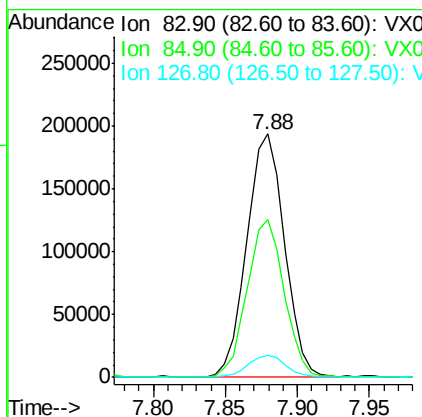
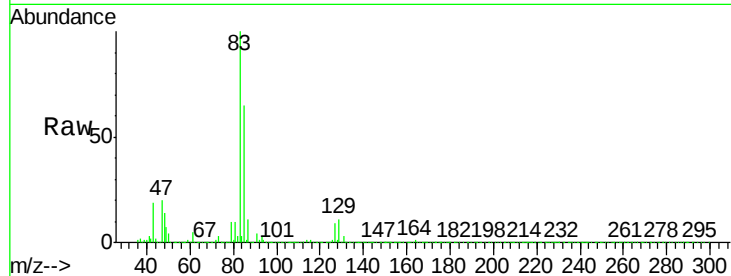
#47
Bromodichloromethane
Concen: 19.495 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	350130		
85	64.8	49.7	74.5	
127	8.9	6.7	10.1	

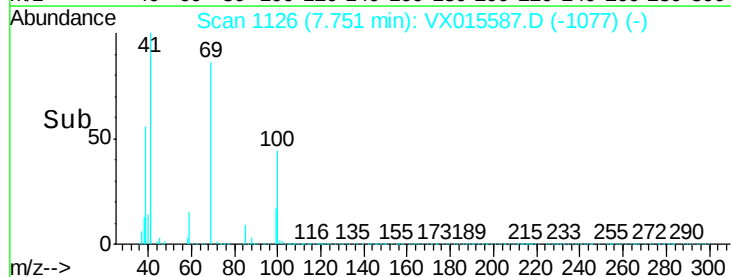
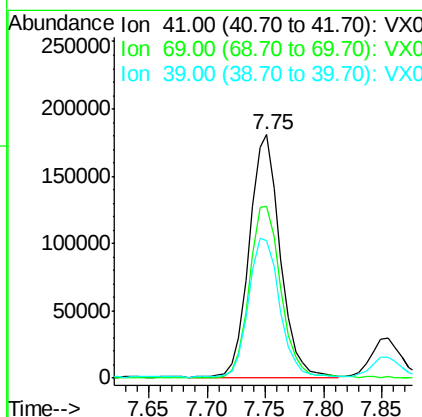
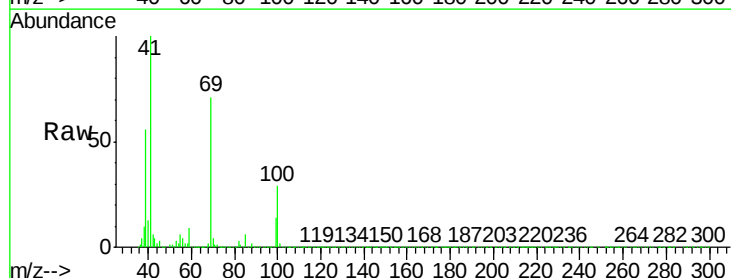
Manual Integrations
APPROVED

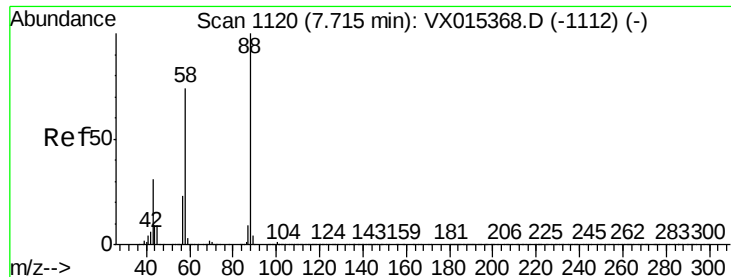
sam
4/10/2020 2:12:35 PM



#48
Methyl methacrylate
Concen: 18.930 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	333260		
69	72.1	56.7	85.1	
39	58.0	46.5	69.7	





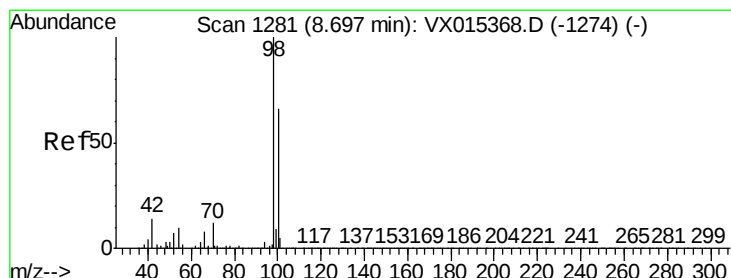
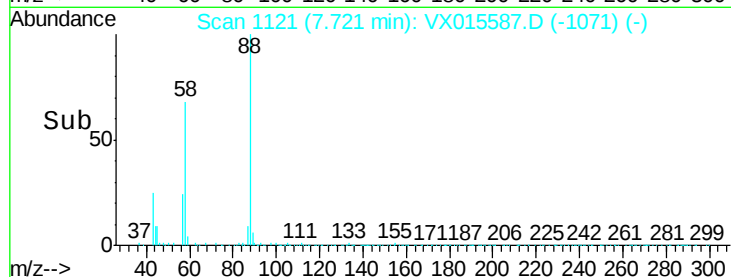
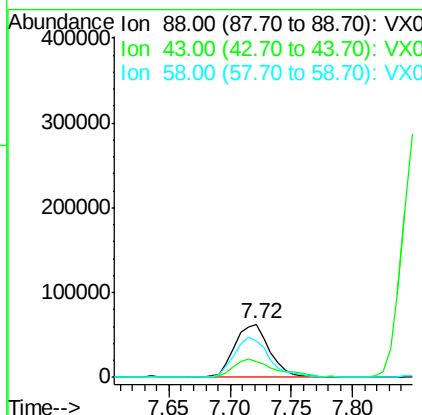
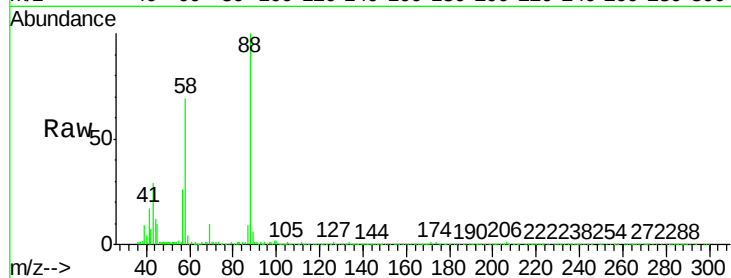
#49
1,4-Dioxane
Concen: 375.773 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Resp Lower	Upper
88	100		
43	38.6	30.1	45.1
58	75.7	60.6	90.8

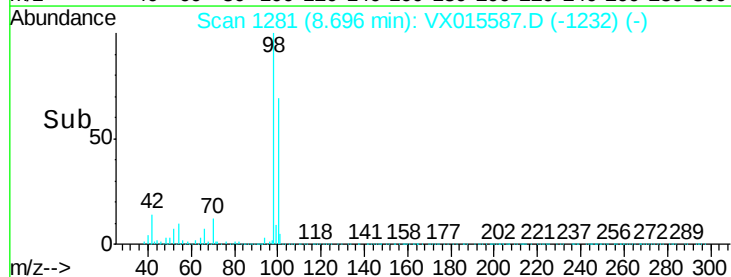
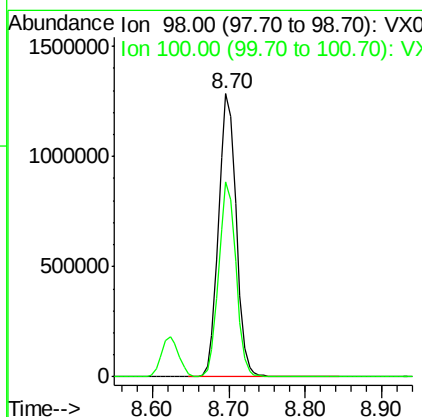
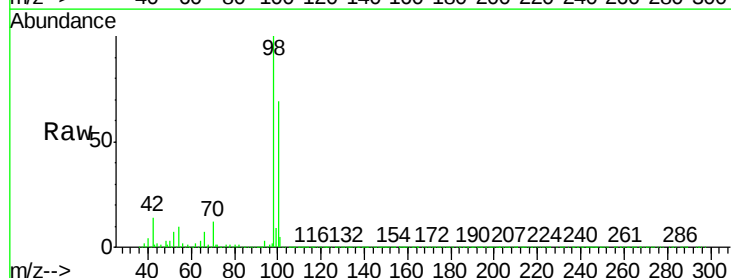
Manual Integrations
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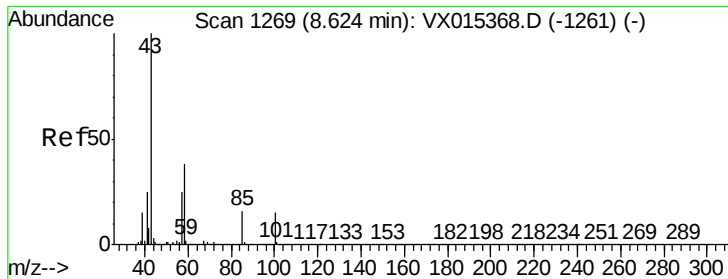
sam
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#50
Toluene-d8
Concen: 50.128 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Resp Lower	Upper
98	100		
100	67.5	53.5	80.3





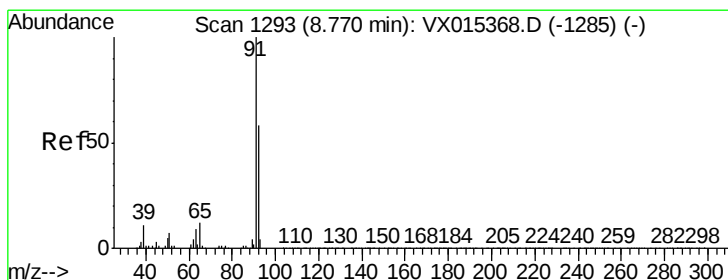
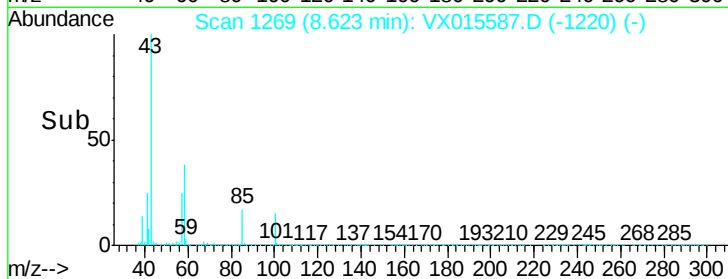
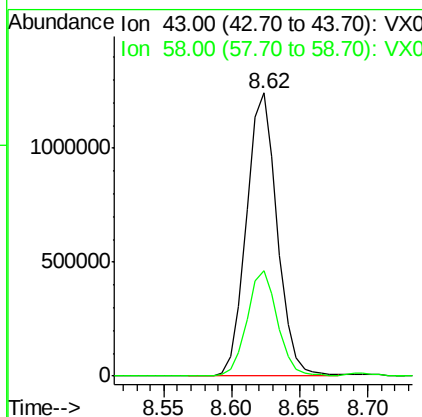
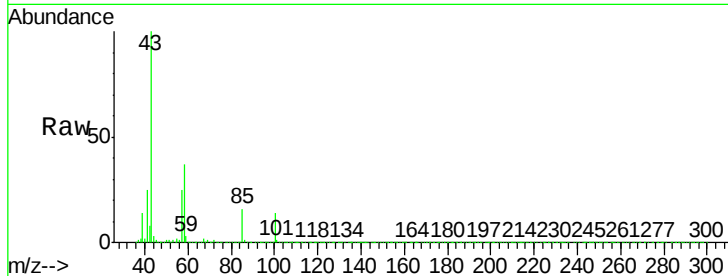
#51
4-Methyl-2-Pentanone
Concen: 98.700 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion: 43 Resp: 1971429
Ion Ratio Lower Upper
43 100
58 36.8 29.7 44.5

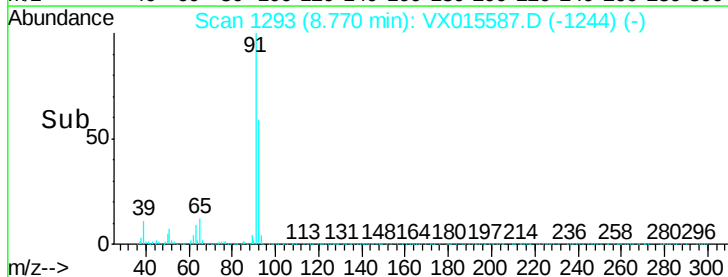
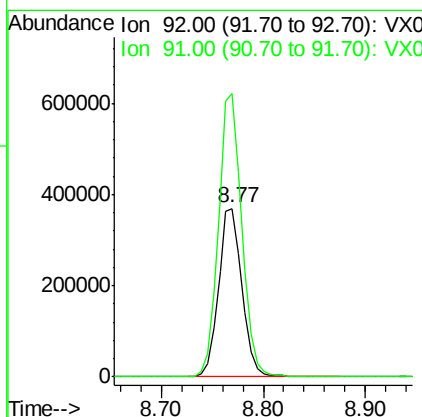
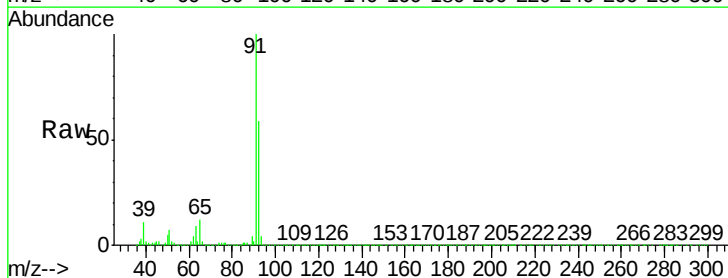
Manual Integrations
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#52
Toluene
Concen: 20.322 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 92 Resp: 588479
Ion Ratio Lower Upper
92 100
91 168.4 136.6 205.0





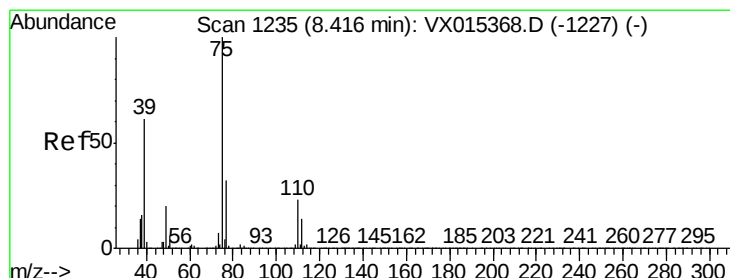
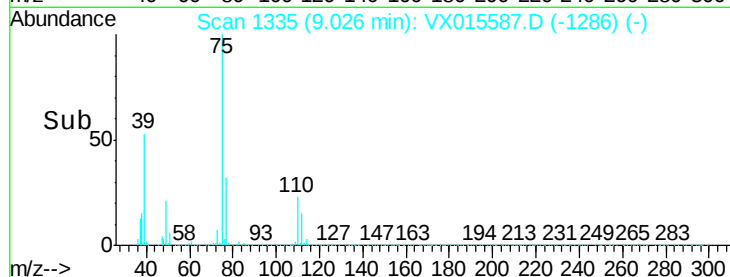
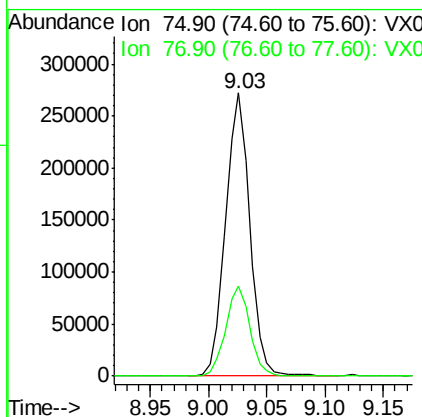
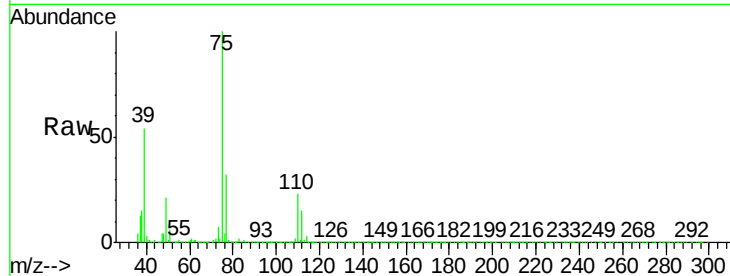
#53
t-1,3-Dichloropropene
Concen: 18.565 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.1	36.1

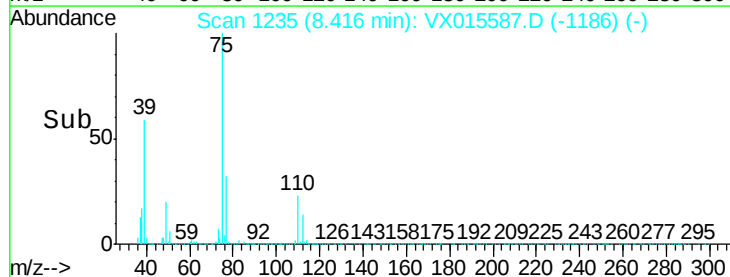
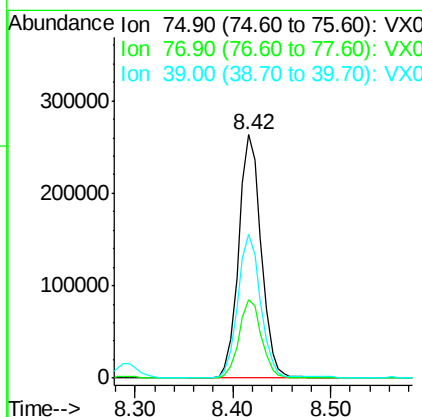
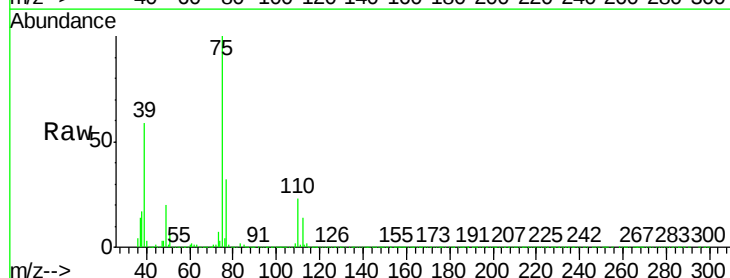
Manual Integrations
APPROVED

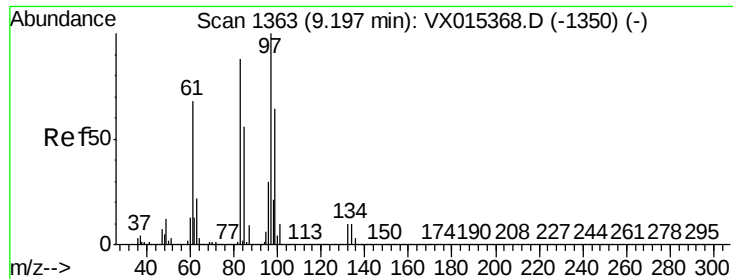
sam
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#54
cis-1,3-Dichloropropene
Concen: 19.517 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	58.9	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 20.180 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

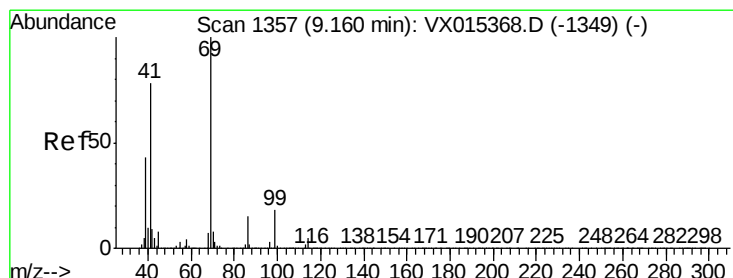
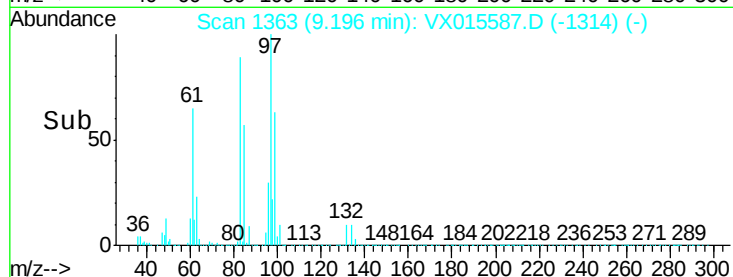
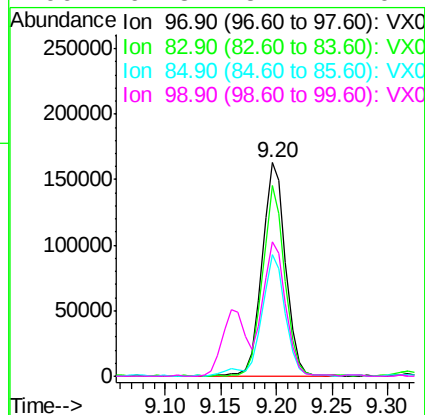
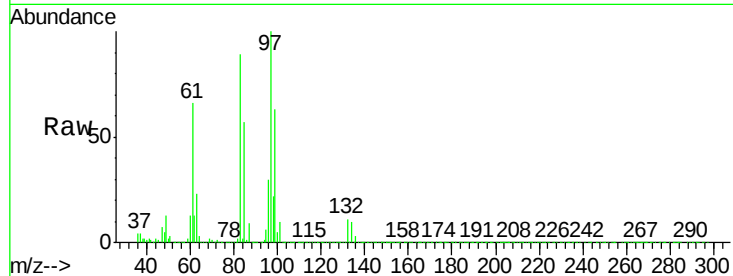
ClientSampleId :

VX0409MBS01

Tot Ion:	97	Resp:	239427
Ion Ratio	Lower	Upper	
97	100		
83	89.1	70.2	105.4
85	57.2	44.7	67.1
99	62.8	51.1	76.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.150 ug/l

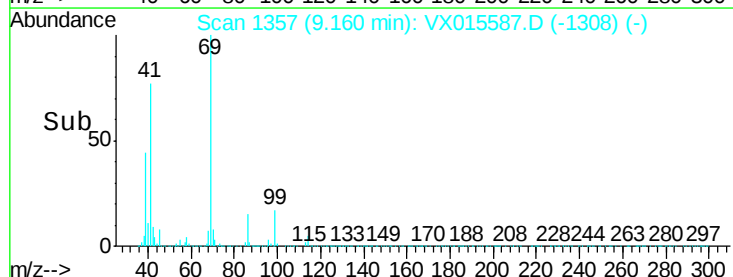
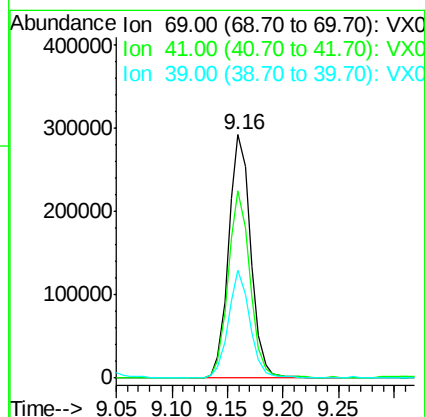
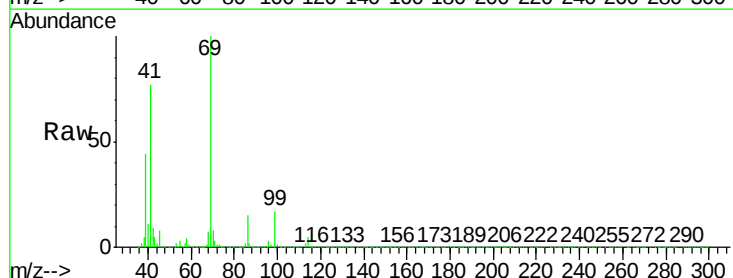
RT: 9.16 min Scan# 1357

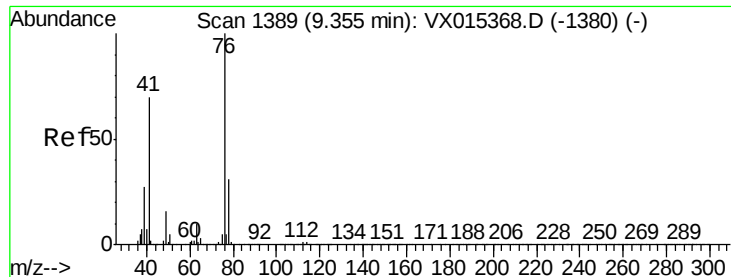
Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Tgt Ion:	69	Resp:	400413
Ion Ratio	Lower	Upper	
69	100		
41	75.5	61.6	92.4
39	42.7	34.0	51.0





#57

1,3-Dichloropropane

Concen: 19.746 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tot Ion: 76 Resp: 422083

Ion Ratio Lower Upper

76 100

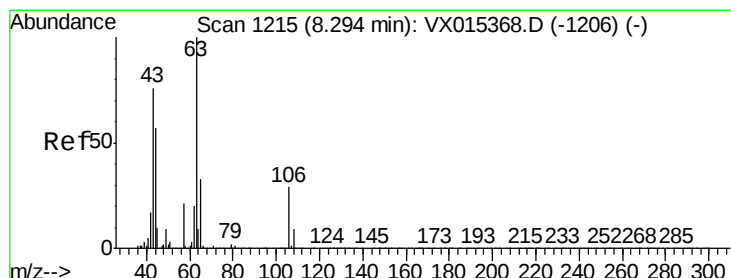
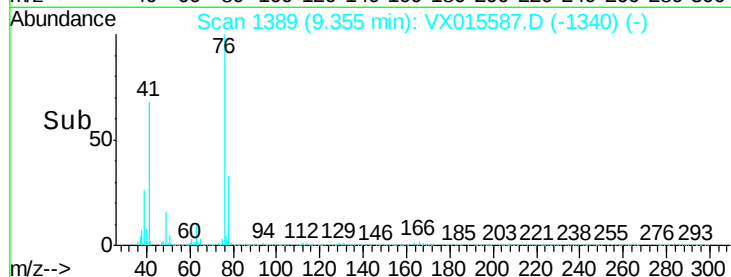
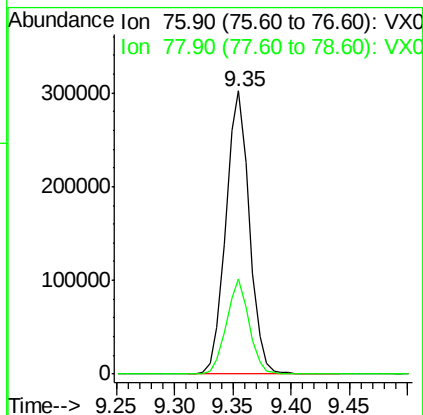
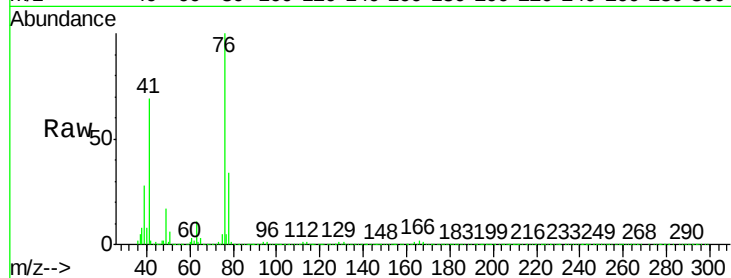
78 32.2 25.8 38.8

Manual Integrations

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sam

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#58

2-Chloroethyl Vinyl ether

Concen: 101.850 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015587.D

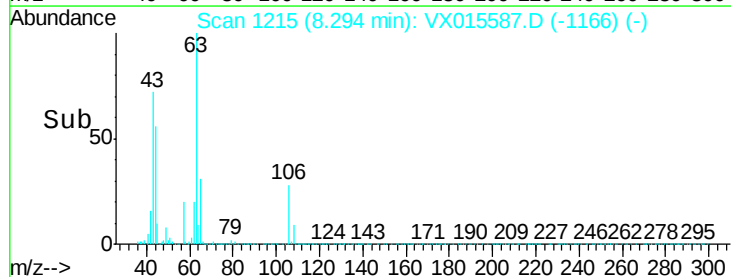
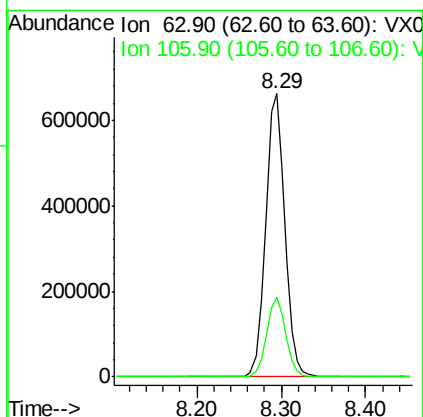
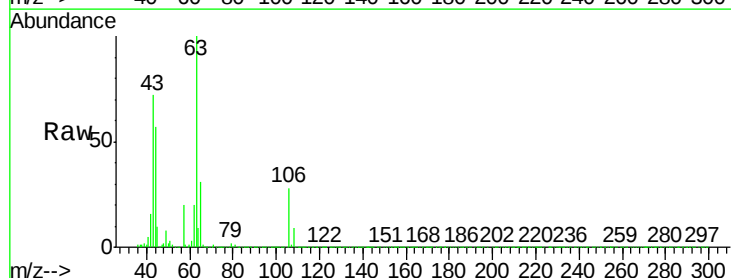
Acq: 09 Apr 2020 11:37

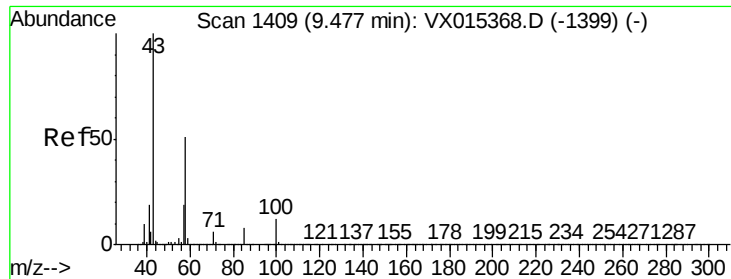
Tgt Ion: 63 Resp: 1035860

Ion Ratio Lower Upper

63 100

106 28.2 22.7 34.1





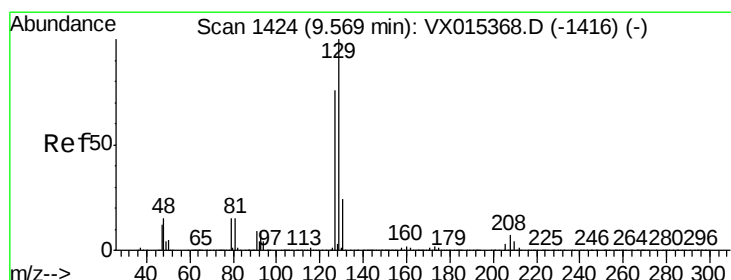
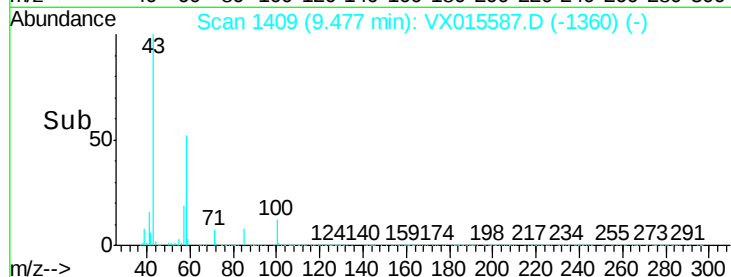
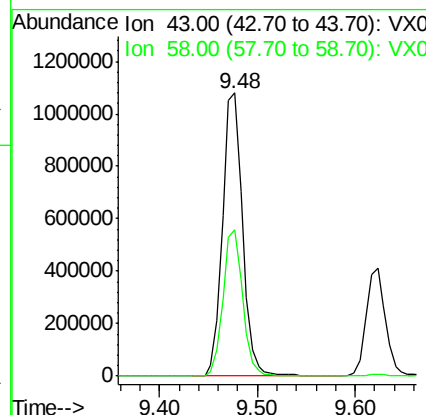
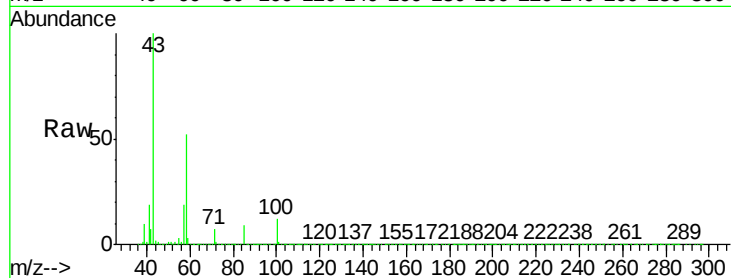
#59
2-Hexanone
Concen: 101.954 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion: 43 Resp: 1537460
Ion Ratio Lower Upper
43 100
58 50.6 25.6 76.6

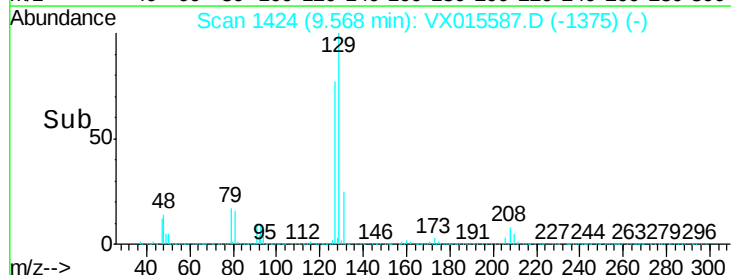
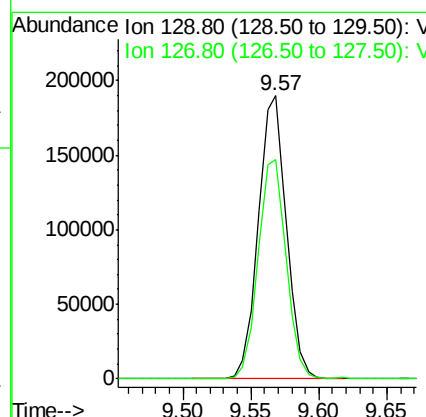
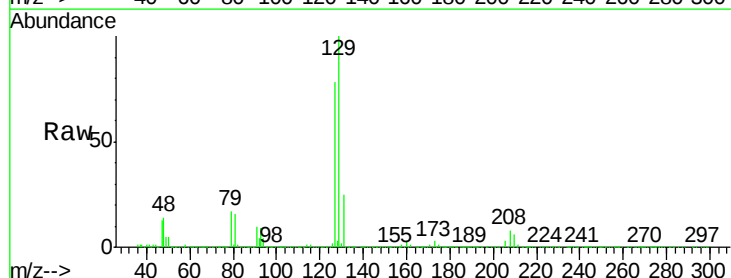
Manual Integrations
APPROVED

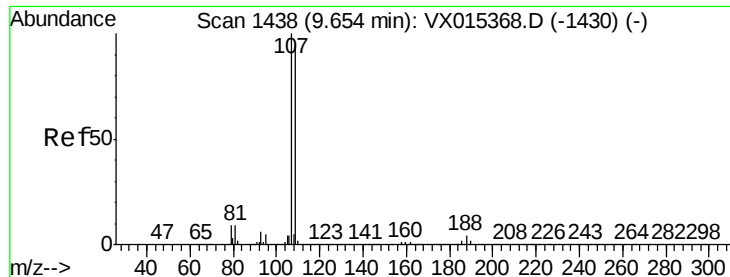
sam
4/10/2020 2:12:35 PM



#60
Dibromochloromethane
Concen: 19.337 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 129 Resp: 275678
Ion Ratio Lower Upper
129 100
127 77.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.895 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tot Ion: 107 Resp: 256662

Ion Ratio Lower Upper

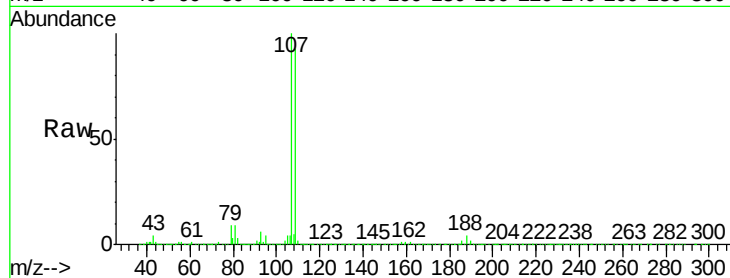
107 100

109 93.9 74.8 112.2

Manual Integrations
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Sam

4/10/2020 2:12:35 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

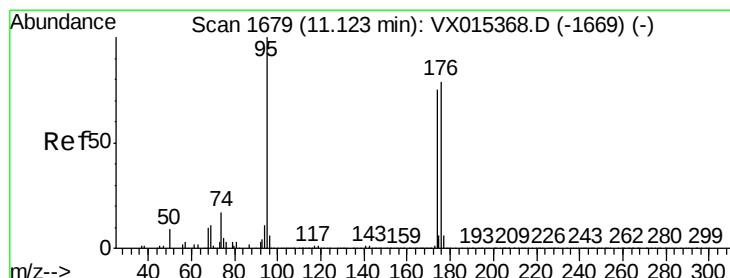
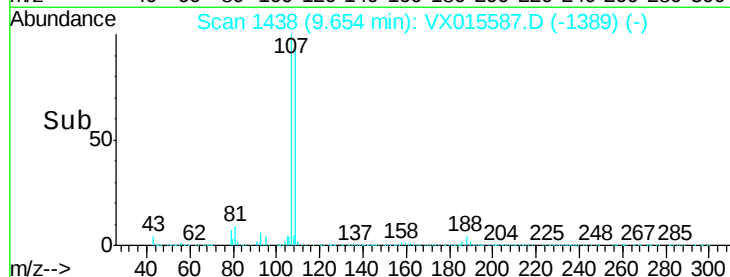
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.757 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

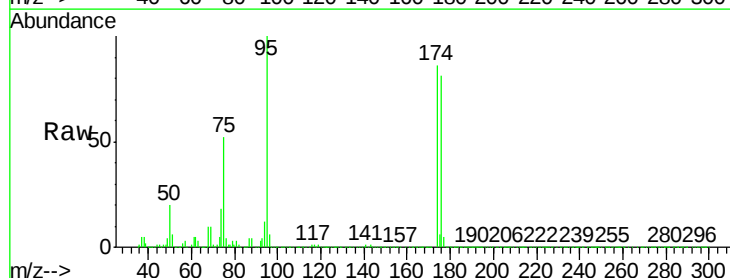
Tgt Ion: 95 Resp: 828201

Ion Ratio Lower Upper

95 100

174 85.6 0.0 158.6

176 81.6 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

800000

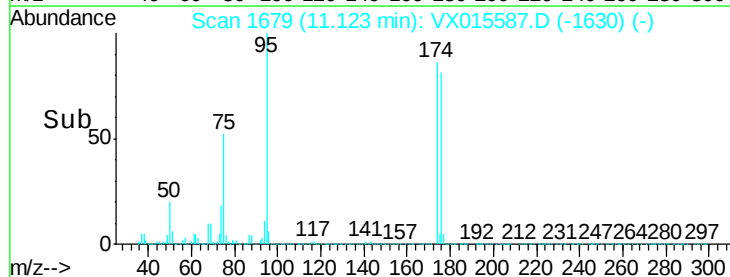
600000

400000

200000

0

Time-->





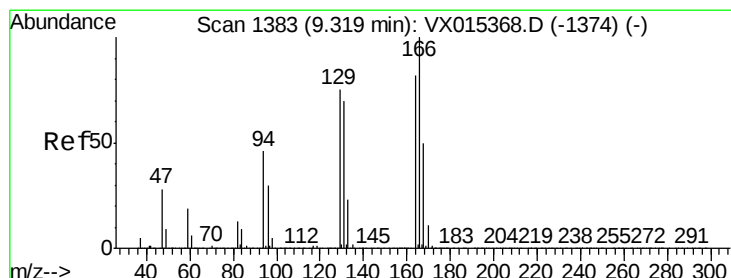
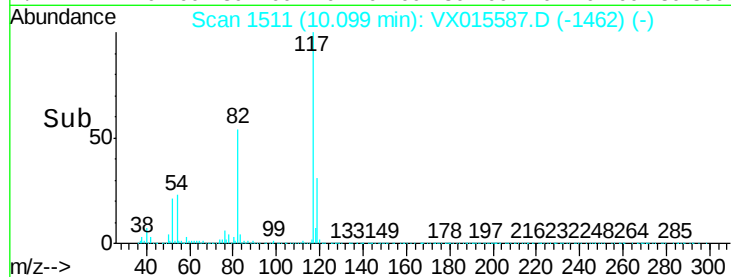
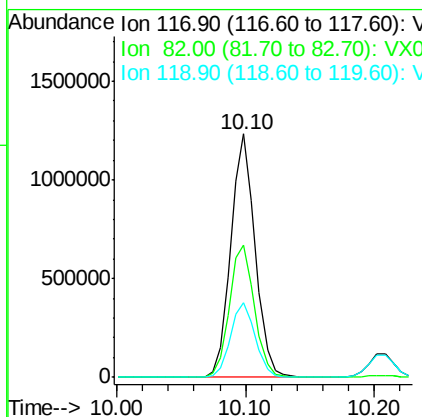
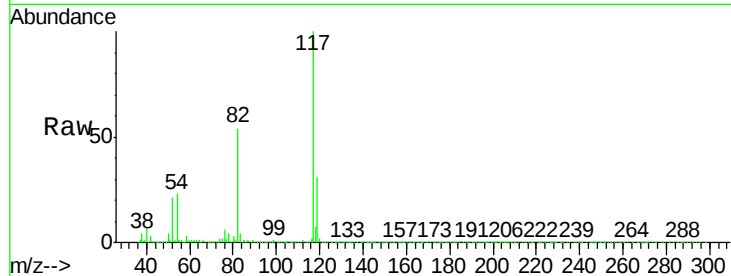
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	47.8	71.8
119	30.7	26.8	40.2

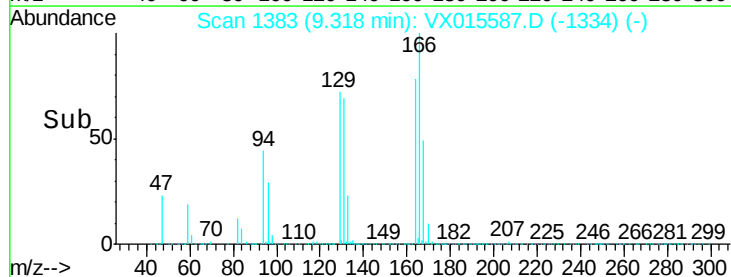
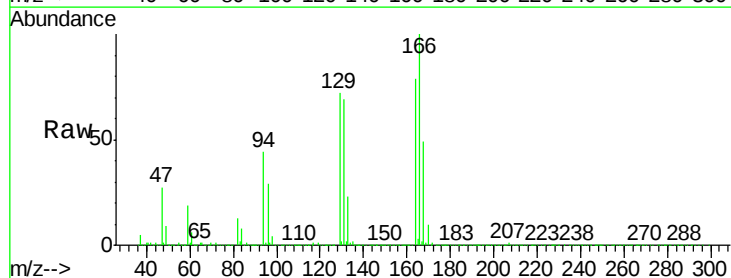
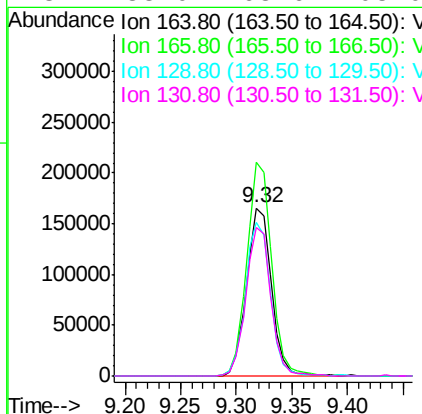
Manual Integrations
APPROVED

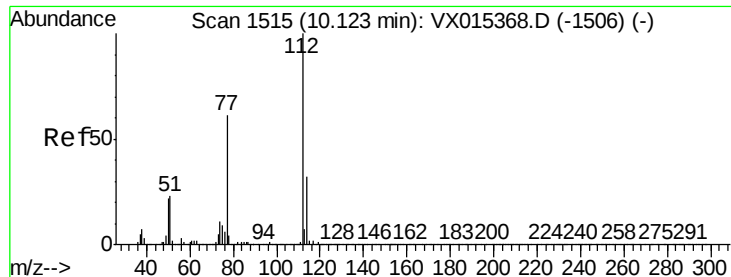
sam
4/10/2020 2:12:35 PM



#64
Tetrachloroethene
Concen: 20.938 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	97.8	146.6
129	91.8	73.0	109.4
131	88.0	68.6	103.0





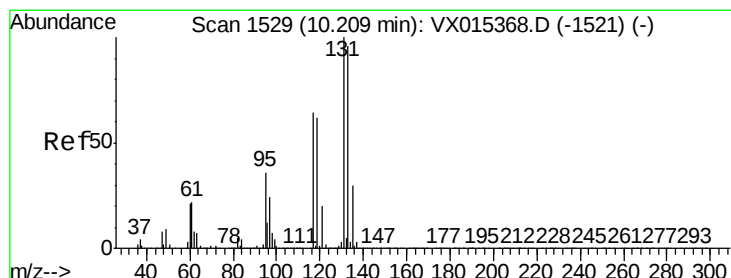
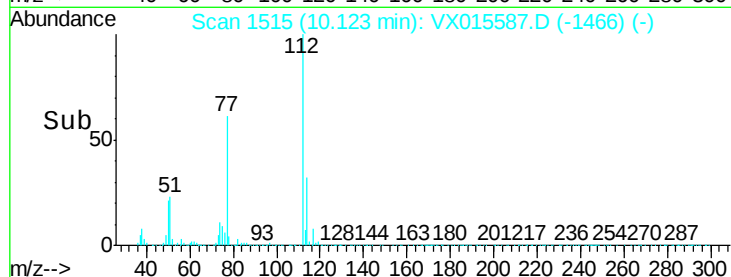
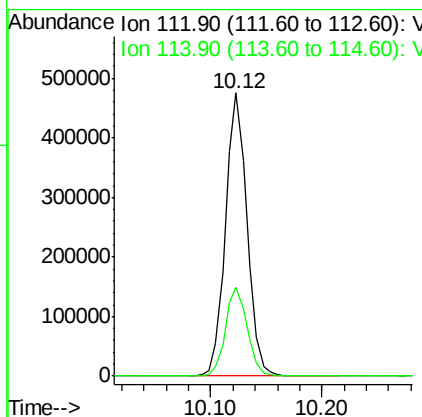
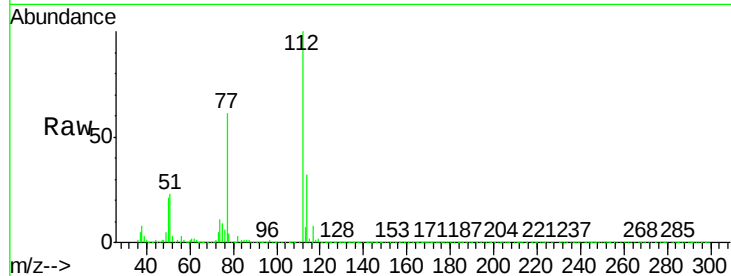
#65
Chlorobenzene
Concen: 19.530 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.5	38.3

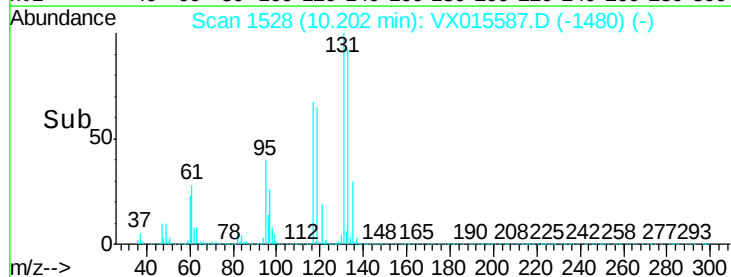
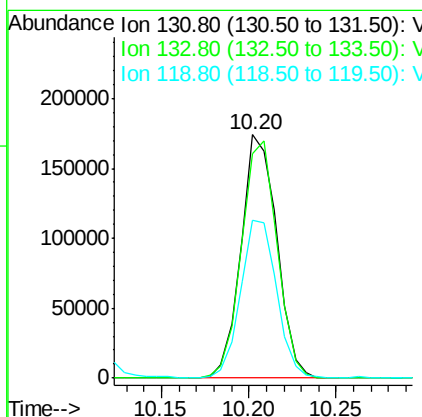
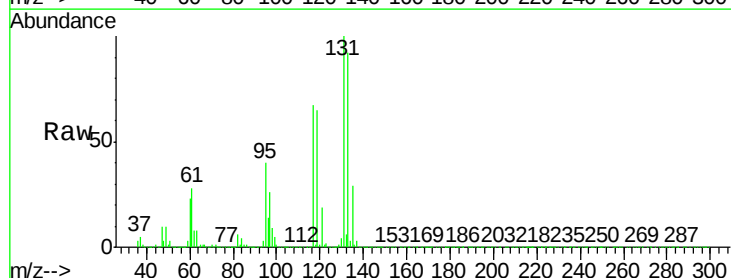
Manual Integrations
APPROVED

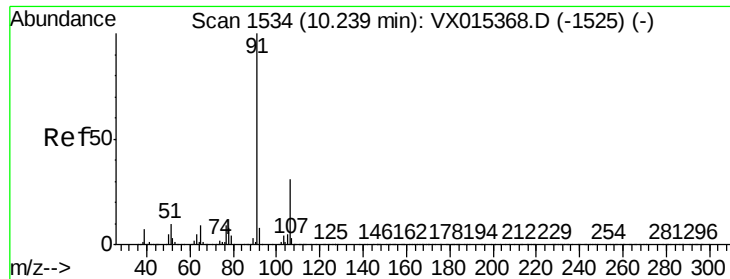
sam
4/10/2020 2:12:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.048 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.6	47.6	142.9
119	65.3	31.1	93.3





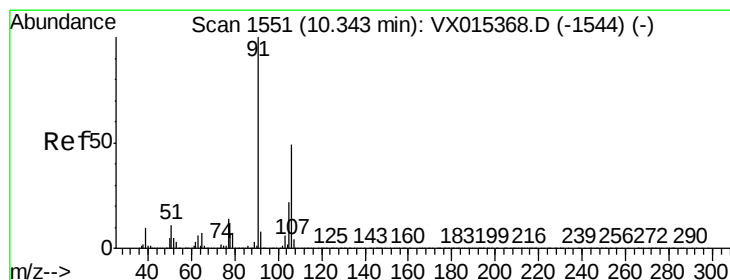
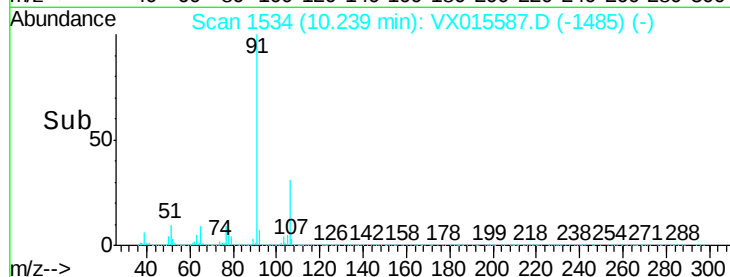
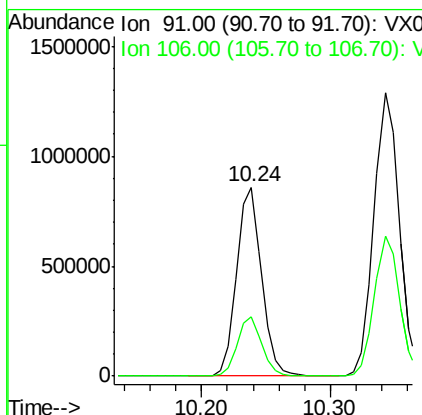
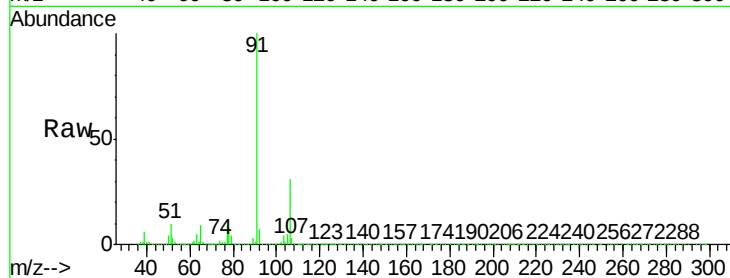
#67
Ethyl Benzene
Concen: 20.029 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion: 91 Resp: 1152743
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2

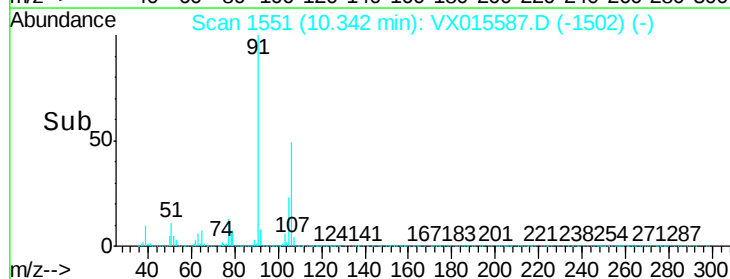
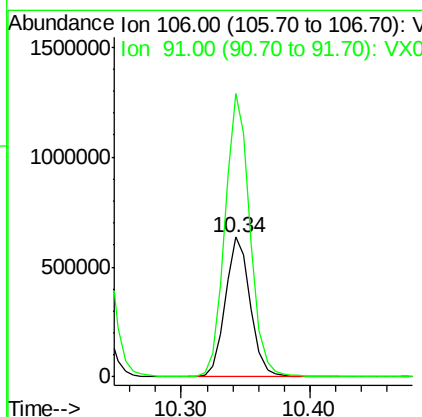
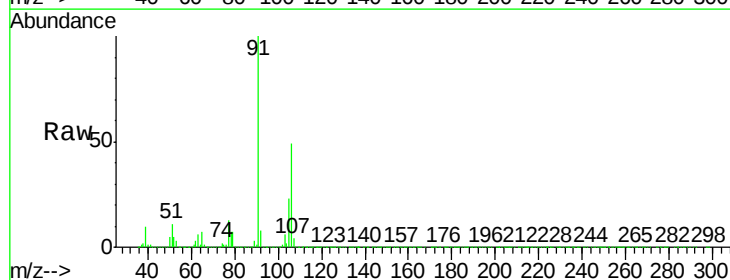
Manual Integrations
APPROVED

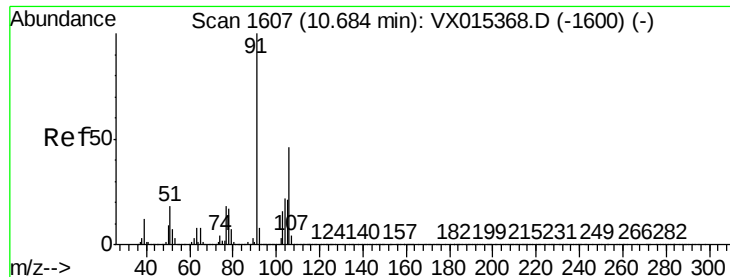
sam
4/10/2020 2:12:35 PM



#68
m/p-Xylenes
Concen: 40.390 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 106 Resp: 865597
Ion Ratio Lower Upper
106 100
91 202.6 163.4 245.0





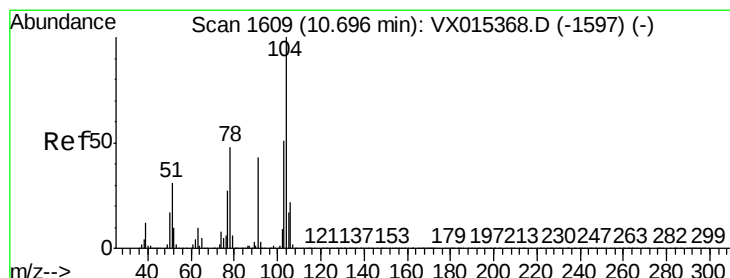
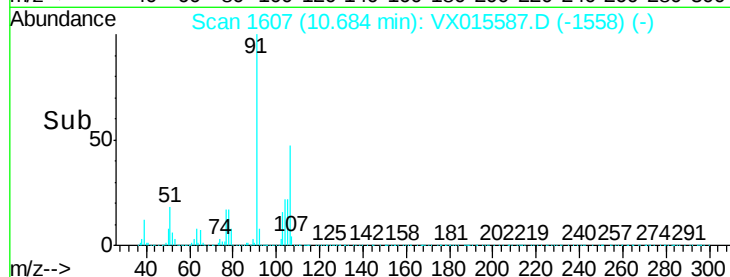
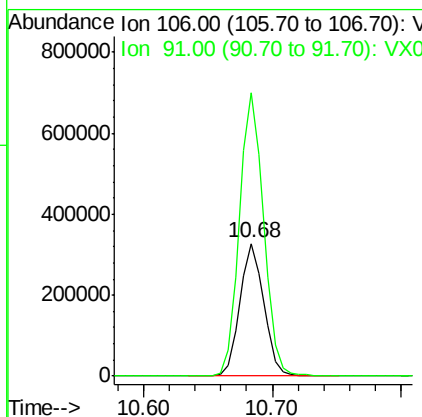
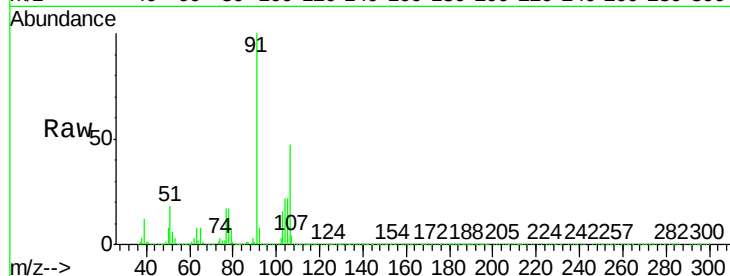
#69
o-Xylene
Concen: 19.866 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.0	107.1	321.3

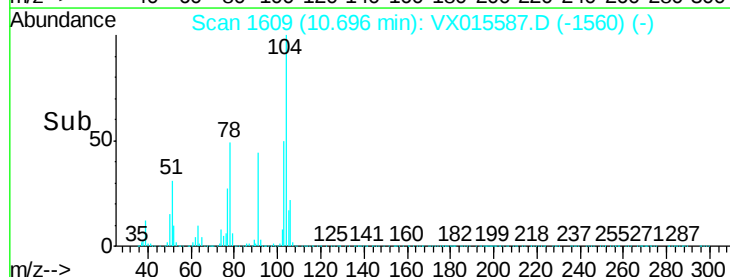
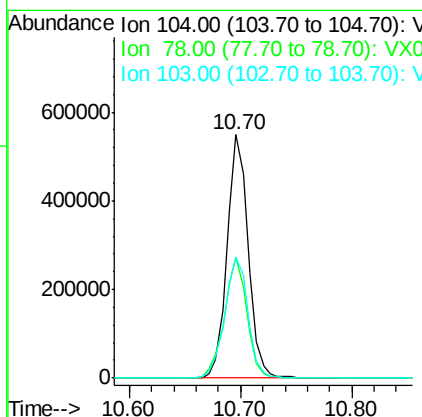
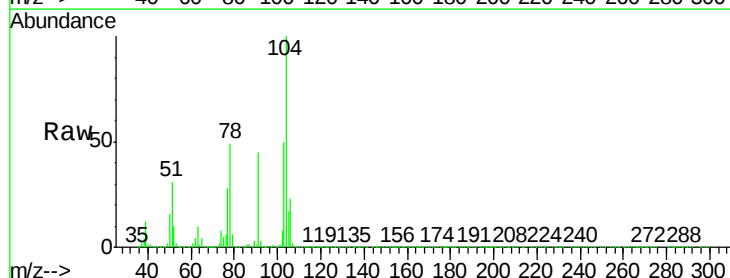
Manual Integrations
APPROVED

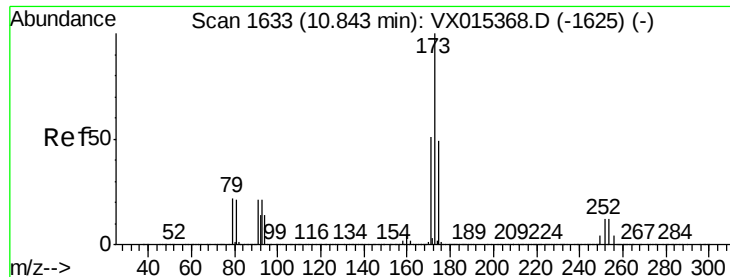
Sam
4/10/2020 2:12:35 PM



#70
Styrene
Concen: 19.270 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.0	42.0	63.0
103	54.6	43.4	65.0





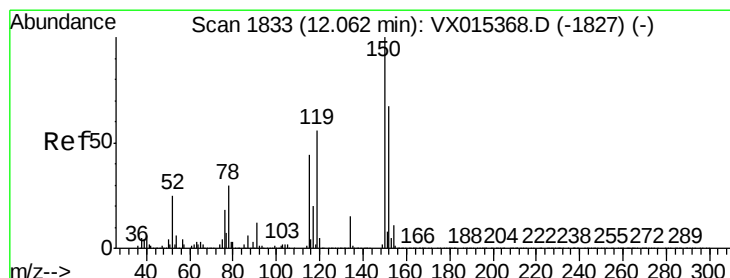
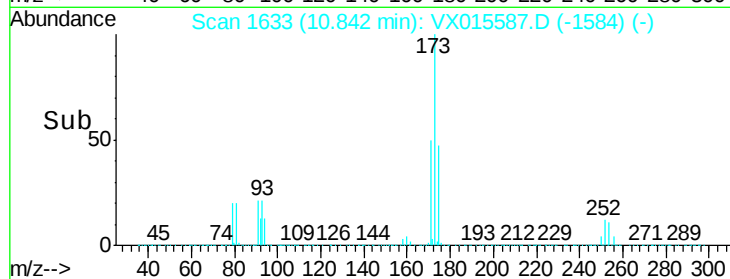
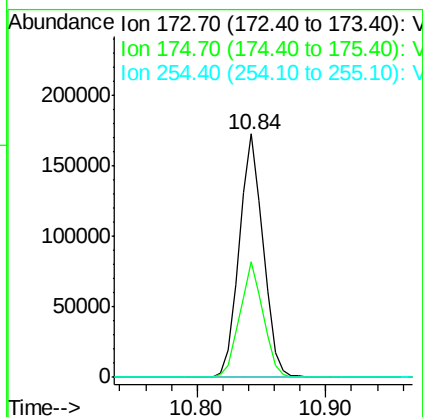
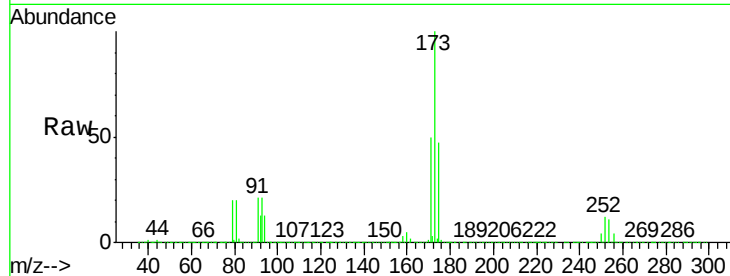
#71
Bromoform
Concen: 18.654 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.4	23.9	71.7
254	0.3	0.1	0.1#

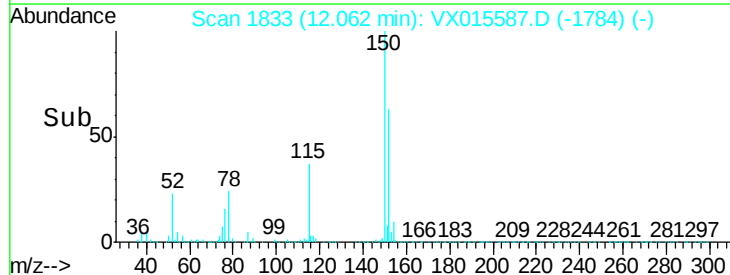
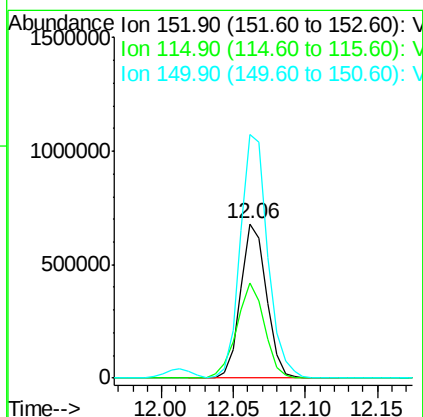
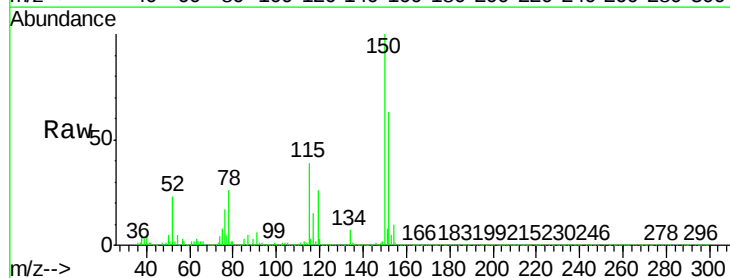
Manual Integrations
APPROVED

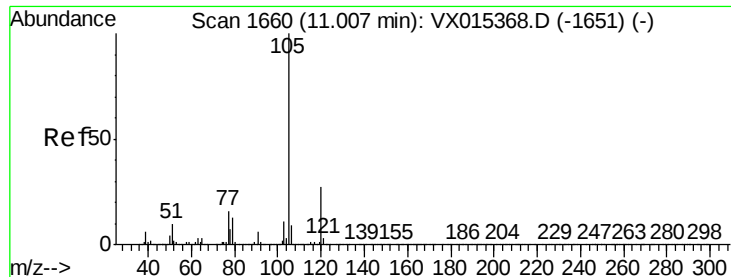
sam
4/10/2020 2:12:35 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.7	39.0	116.9
150	168.1	0.0	340.8





#73

Isopropylbenzene

Concen: 20.317 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tot Ion: 105 Resp: 1121026

Ion Ratio Lower Upper

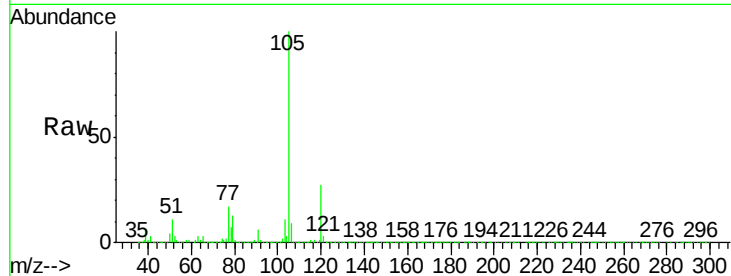
105 100

120 27.3 13.2 39.5

Manual Integrations
APPROVED

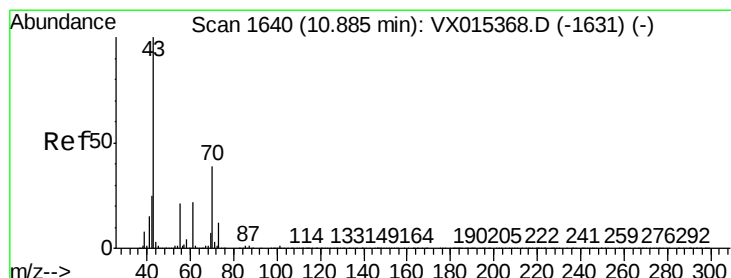
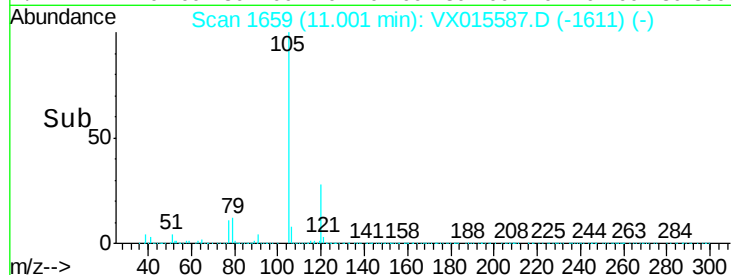
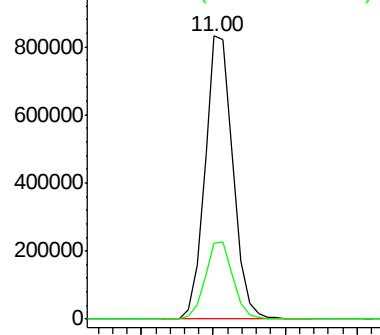
Sam

4/10/2020 2:12:35 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.484 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Tgt Ion: 43 Resp: 567227

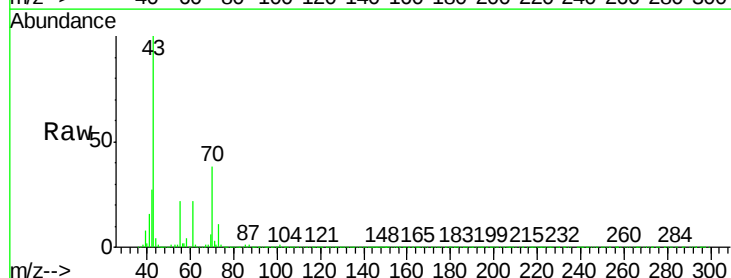
Ion Ratio Lower Upper

43 100

70 39.0 30.2 45.4

55 22.2 16.8 25.2

61 22.2 18.2 27.2

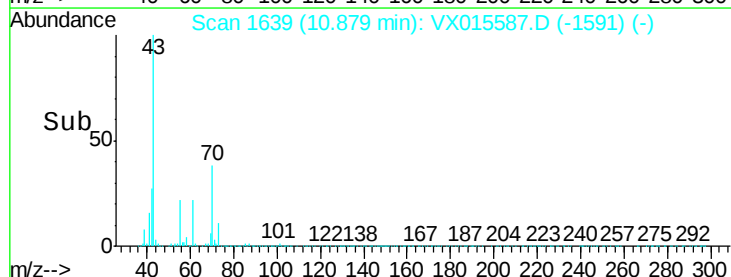
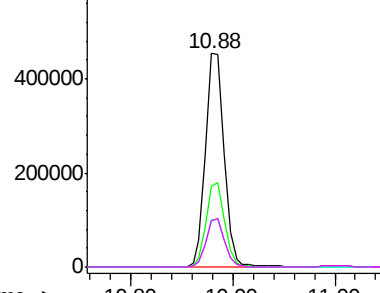


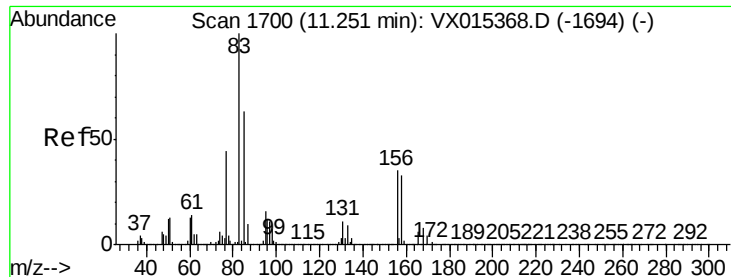
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.079 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tot Ion: 83 Resp: 361221

Ion Ratio Lower Upper

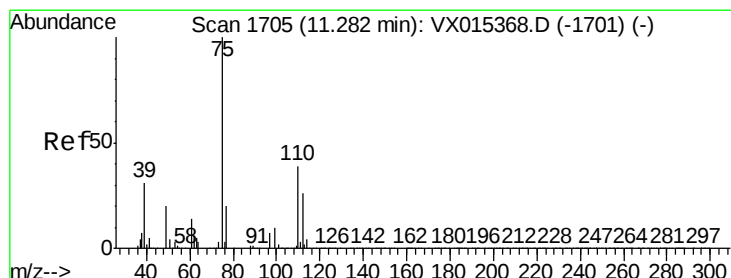
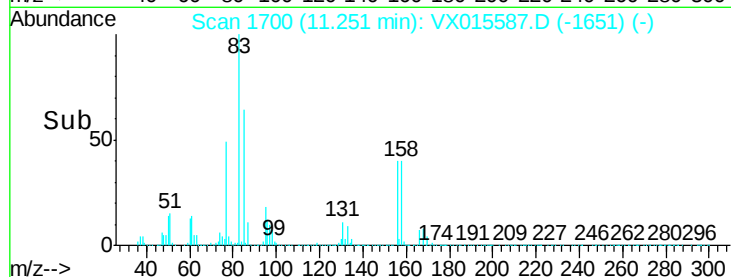
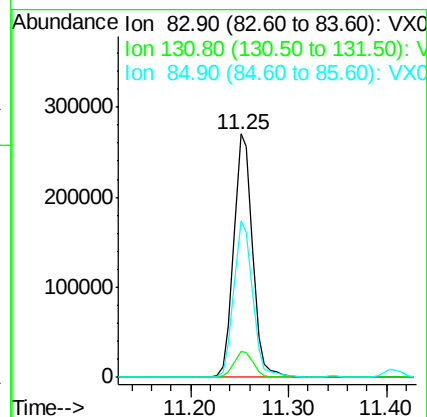
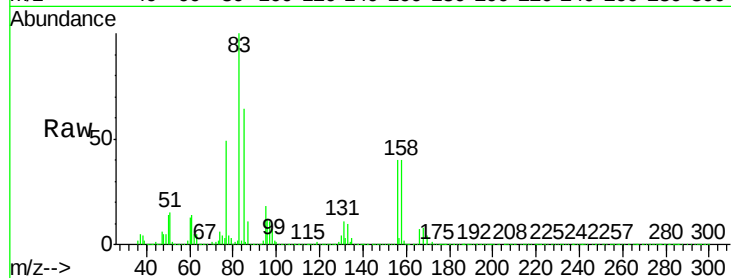
83 100

131 10.9 5.3 16.1

85 64.5 32.0 96.0

Manual Integrations
APPROVED

sam
4/10/2020 2:12:35 PM



#76

1,2,3-Trichloropropane

Concen: 19.741 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015587.D

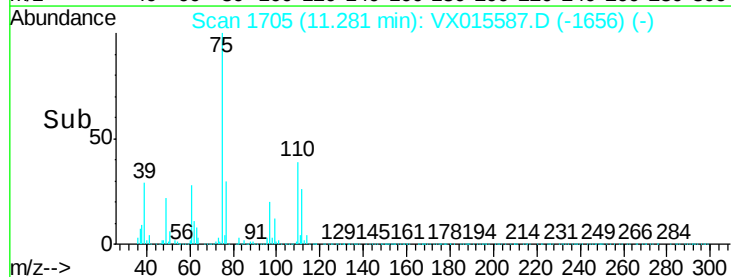
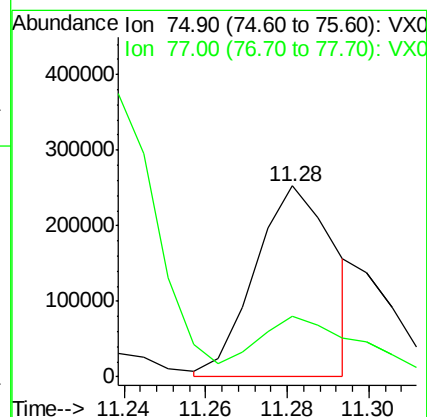
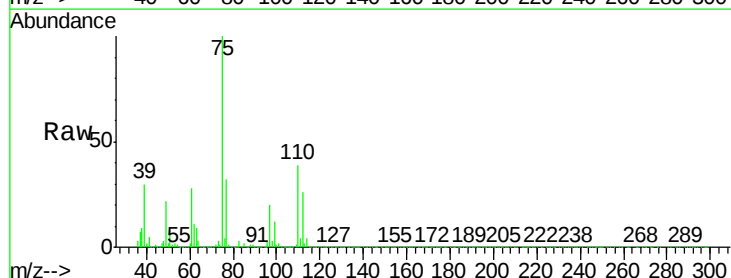
Acq: 09 Apr 2020 11:37

Tgt Ion: 75 Resp: 341861

Ion Ratio Lower Upper

75 100

77 41.1 21.2 63.6





#77

Bromobenzene

Concen: 20.764 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

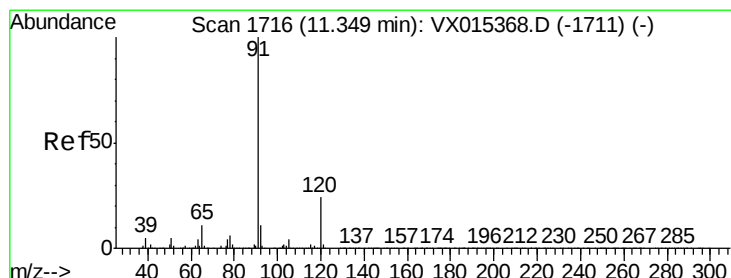
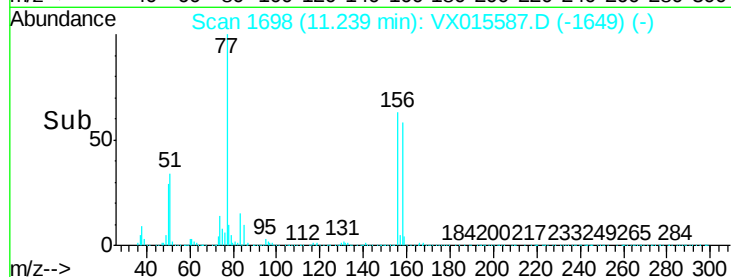
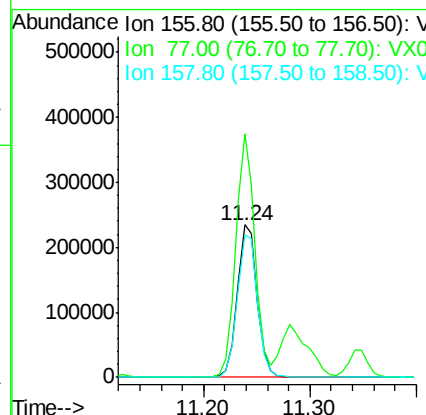
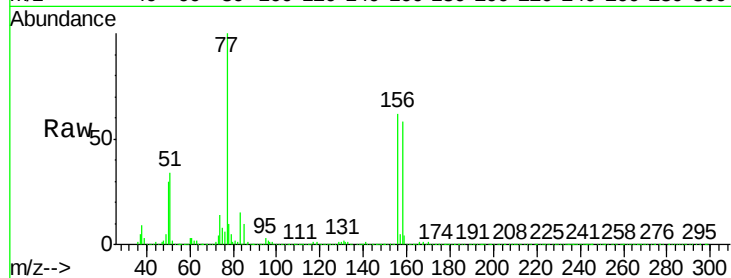
ClientSampleId :

VX0409MBS01

Tot Ion:	156	Resp:	305601
Ion Ratio	Lower	Upper	
156	100		
77	154.0	82.2	246.5
158	94.5	49.3	147.9

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 20.152 ug/l

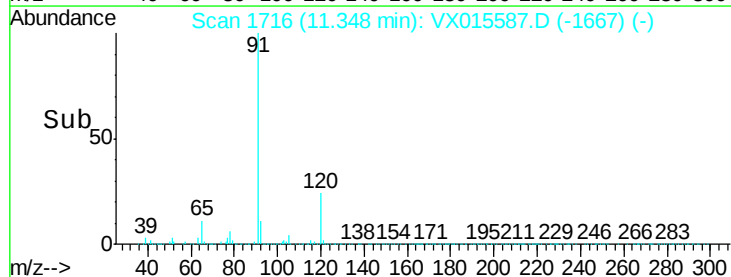
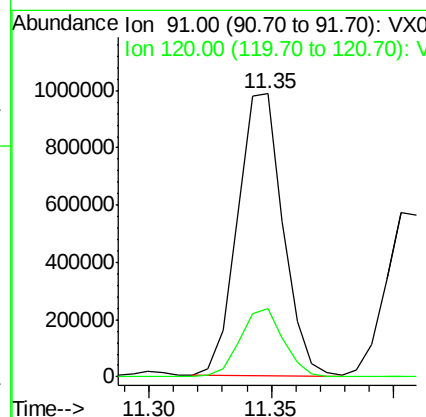
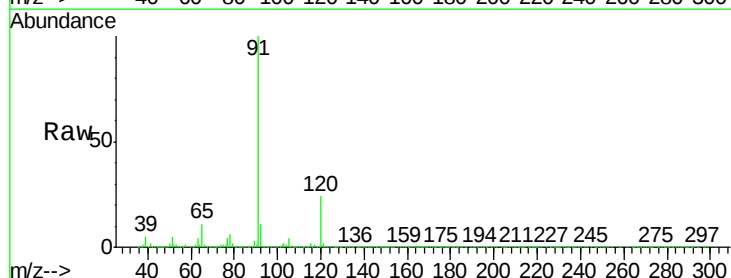
RT: 11.35 min Scan# 1716

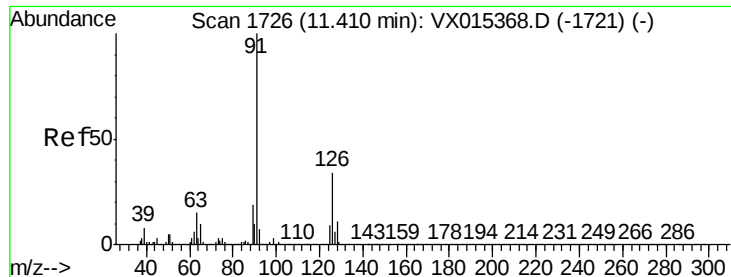
Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Tgt Ion:	91	Resp:	1271442
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.917 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tot Ion: 91 Resp: 770225

Ion Ratio Lower Upper

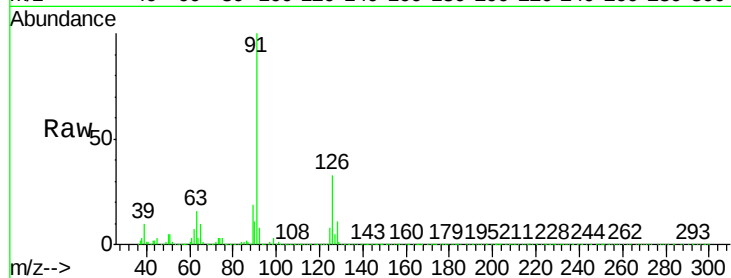
91 100

126 34.1 16.5 49.5

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Abundance Ion 91.00 (90.70 to 91.70): VX015368.D (-1721) (-)

Ion 125.90 (125.60 to 126.60): VX015368.D (-1721) (-)

1000000

800000

600000

400000

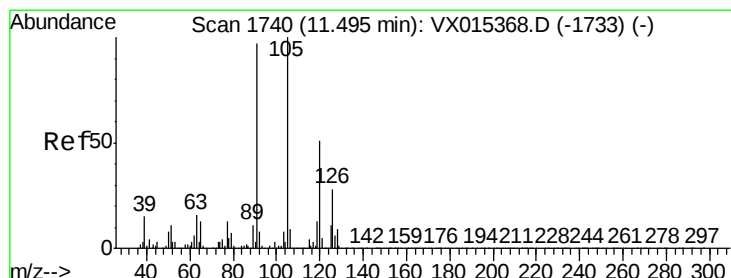
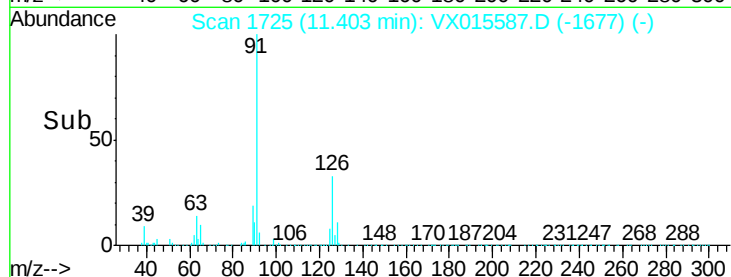
200000

0

11.35

11.40

11.45



#80

1,3,5-Trimethylbenzene

Concen: 20.576 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015587.D

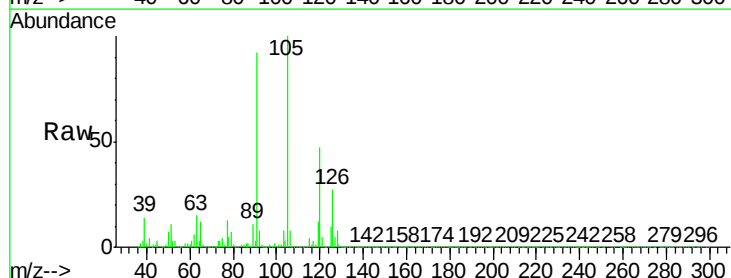
Acq: 09 Apr 2020 11:37

Tgt Ion: 105 Resp: 969572

Ion Ratio Lower Upper

105 100

120 49.0 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX015368.D (-1733) (-)

Ion 120.00 (119.70 to 120.70): VX015368.D (-1733) (-)

800000

600000

400000

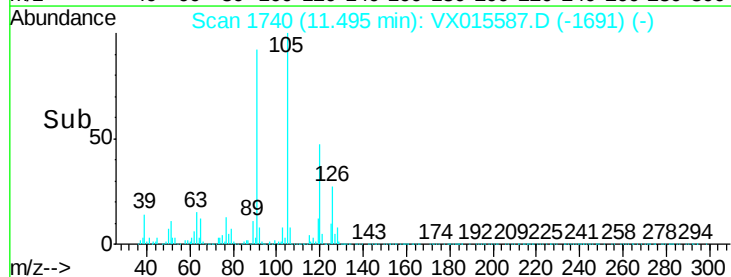
200000

0

11.45

11.50

11.55





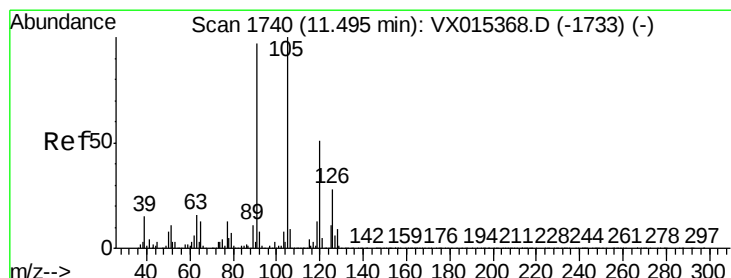
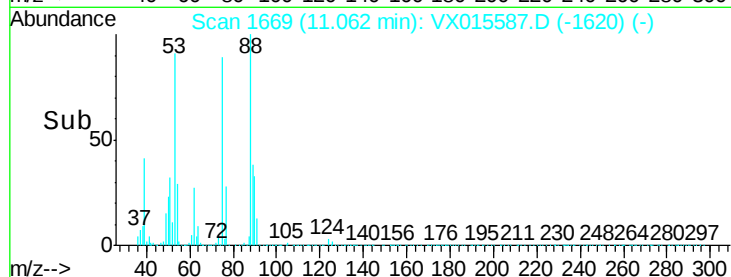
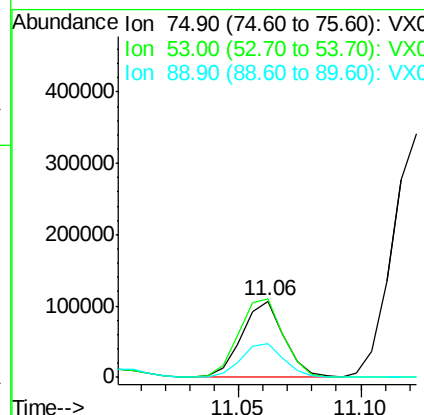
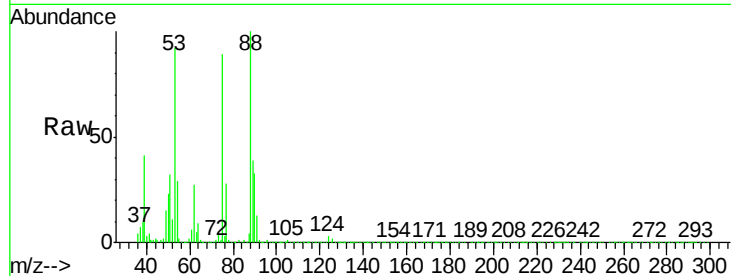
#81
trans-1,4-Dichloro-2-butene
Concen: 17.702 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.1	80.1	120.1
89	46.4	36.1	54.1

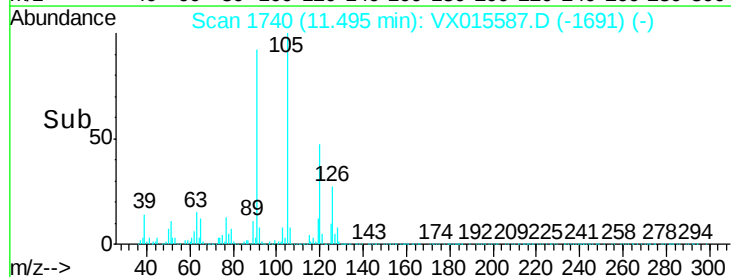
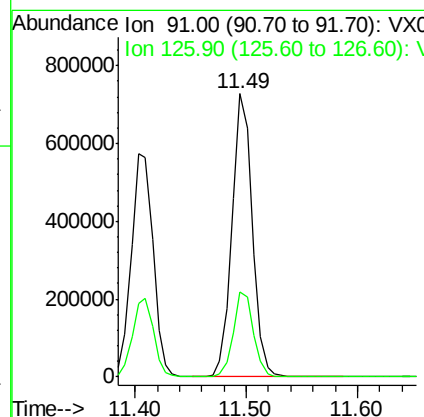
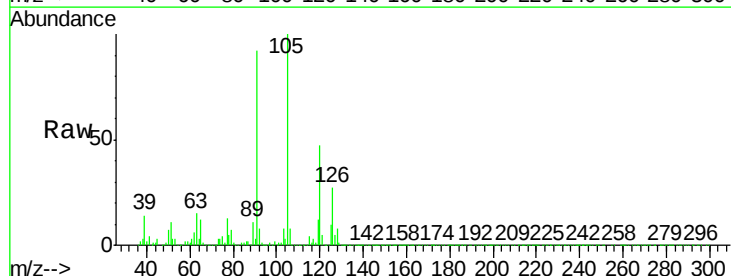
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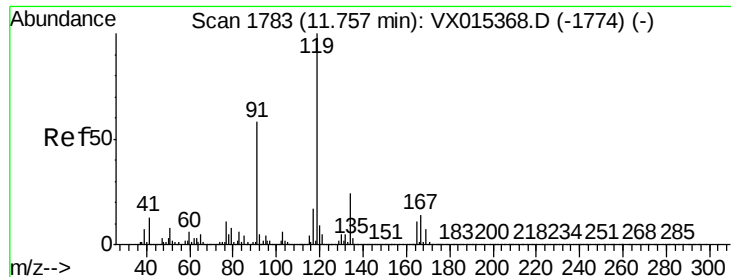
sam
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#82
4-Chlorotoluene
Concen: 20.222 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.7	44.1





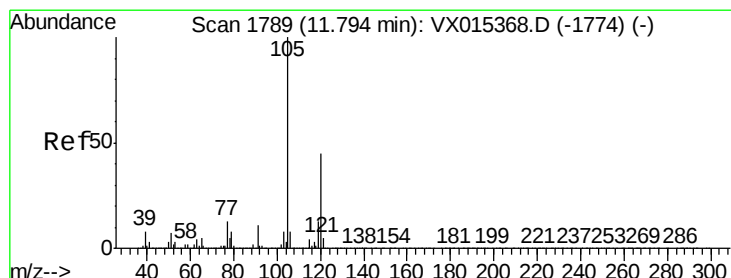
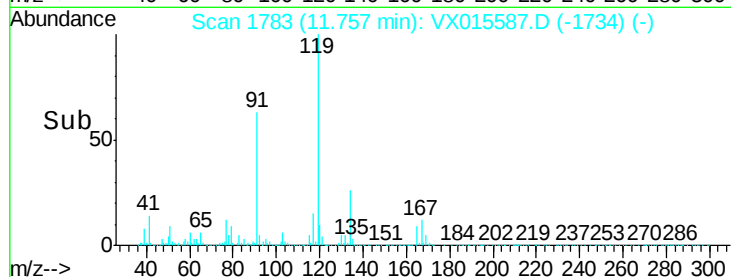
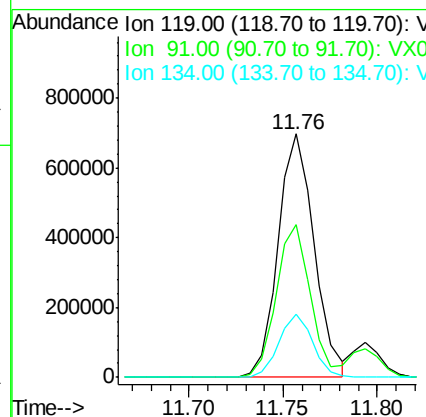
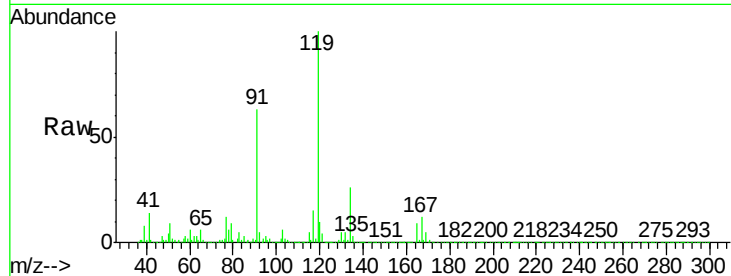
#83
tert-Butylbenzene
Concen: 20.100 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	925176		
91	60.0	28.6	85.8	
134	24.4	11.8	35.3	

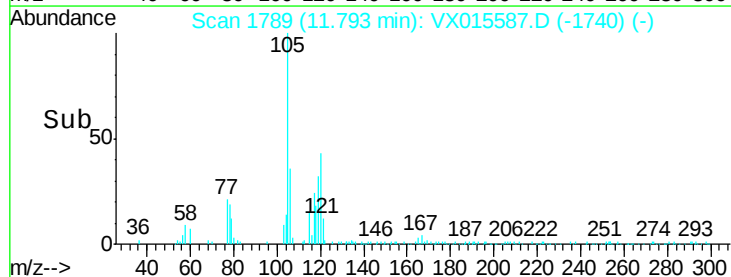
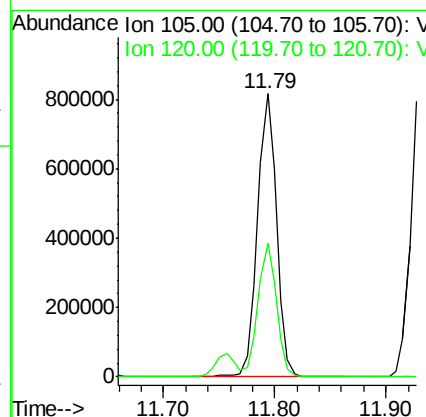
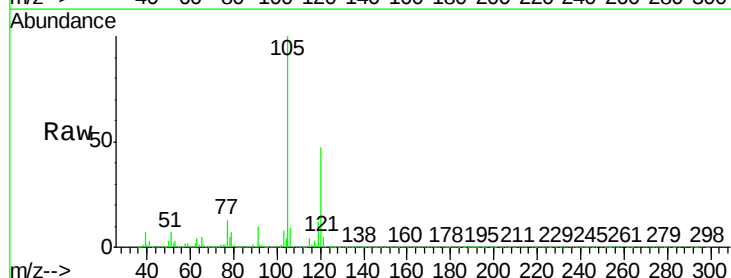
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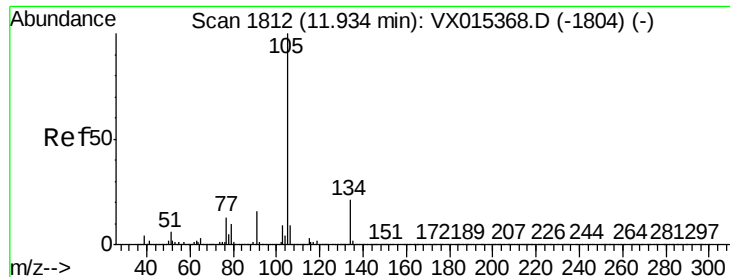
sam
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#84
1,2,4-Trimethylbenzene
Concen: 20.322 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	975841		
120	45.9	22.7	68.1	





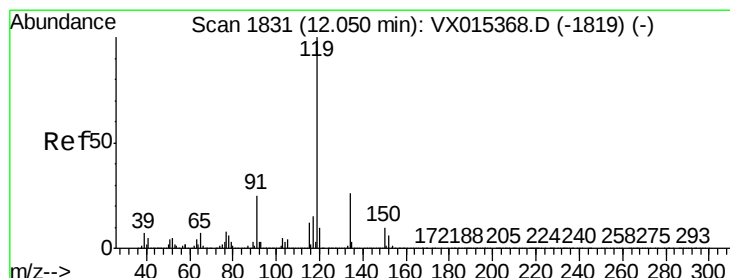
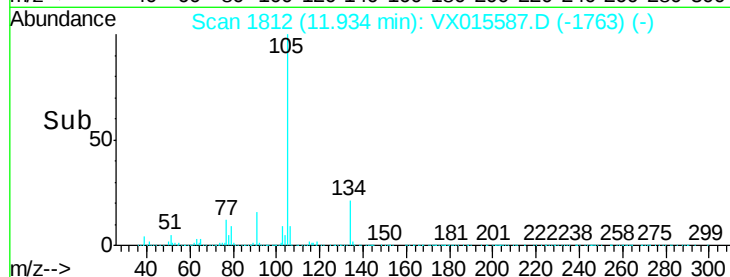
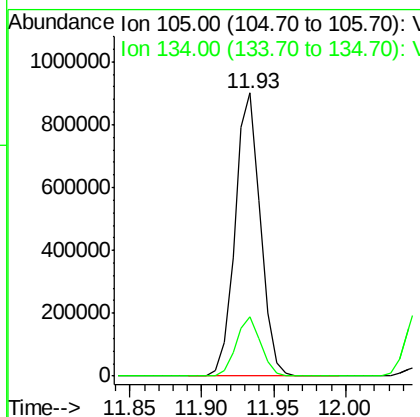
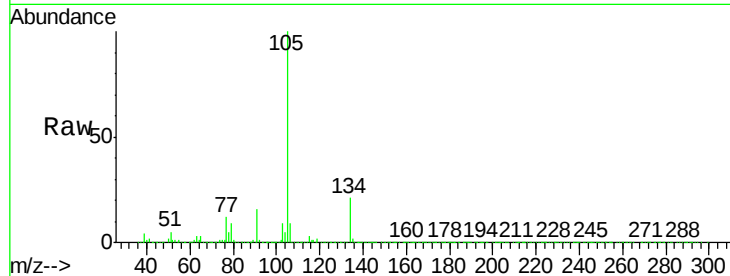
#85
 sec-Butylbenzene
 Concen: 20.709 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_X
 ClientSampled :
 VX0409MBS01

Tot Ion:105 Resp: 1102388
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

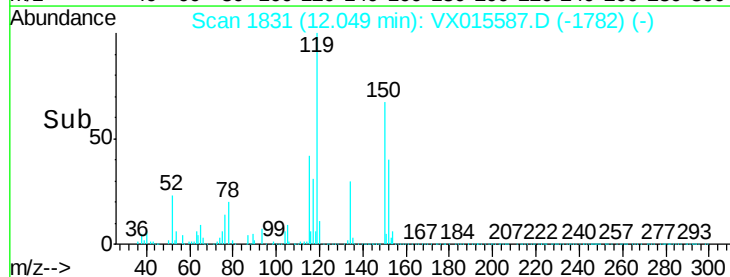
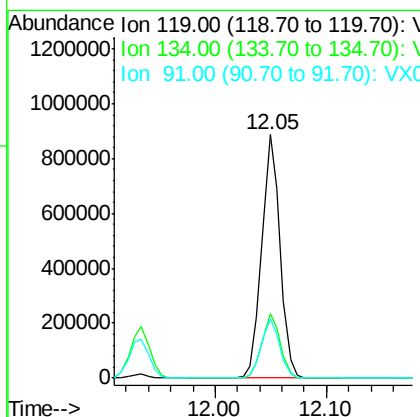
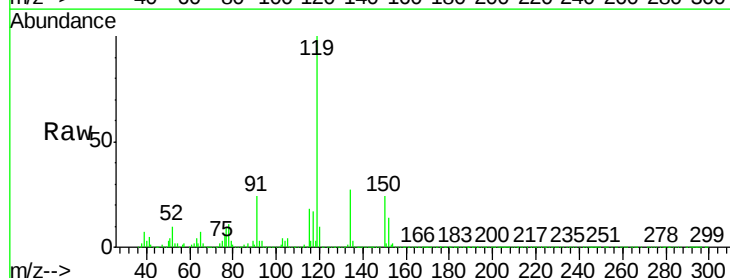
Manual Integrations
 APPROVED

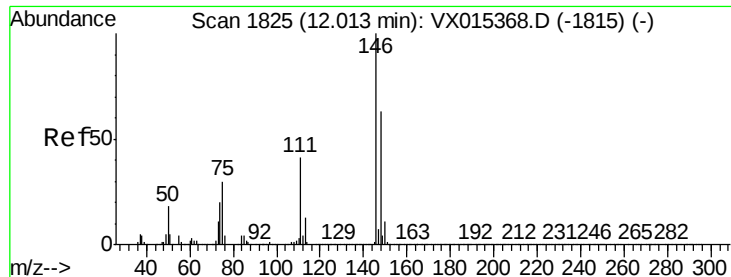
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#86
 p-Isopropyltoluene
 Concen: 20.767 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Tgt Ion:119 Resp: 1026300
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 24.3 12.4 37.4





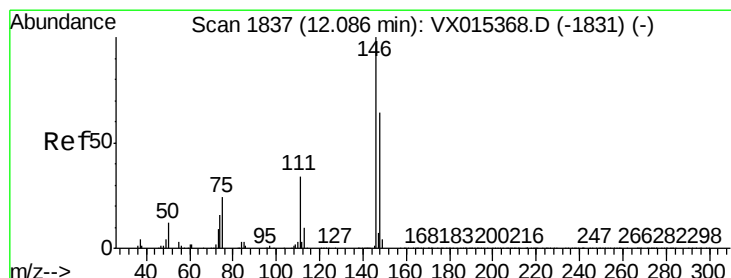
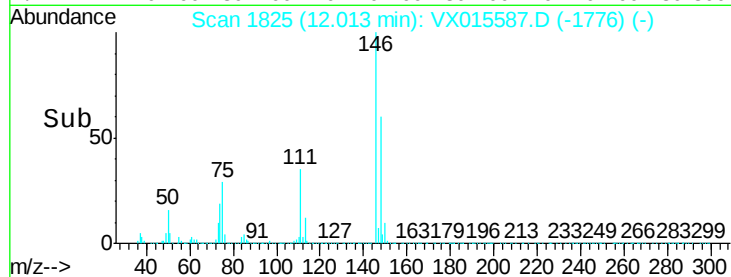
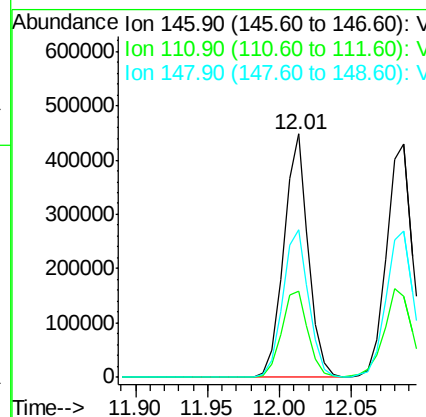
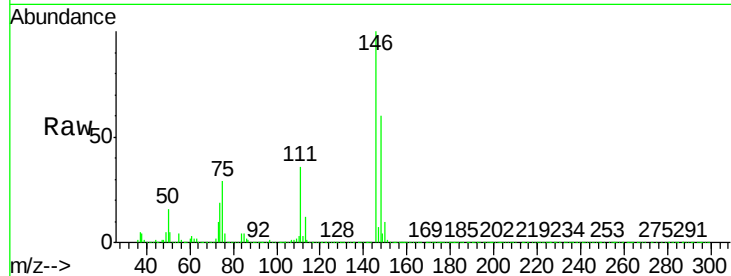
#87
 1,3-Dichlorobenzene
 Concen: 20.125 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.3	60.9
148	64.3	31.3	93.9

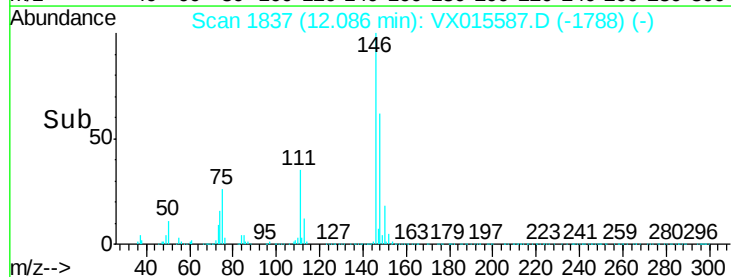
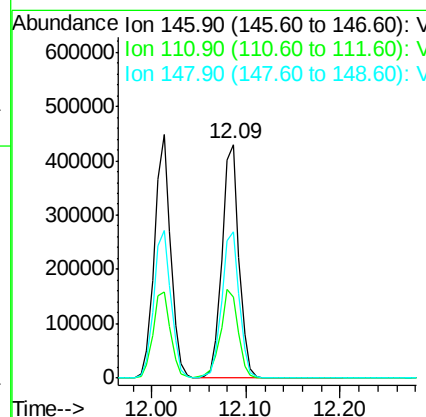
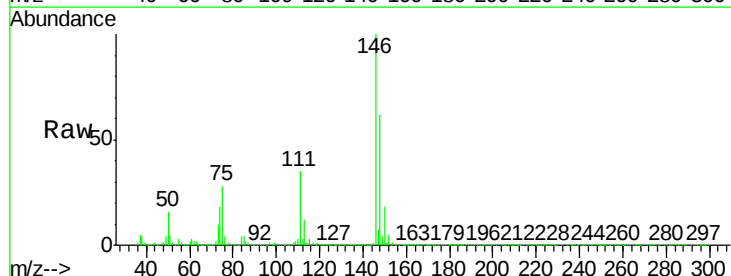
Manual Integrations
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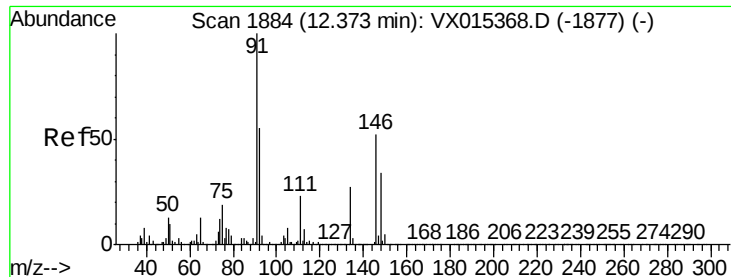
sam
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#88
 1,4-Dichlorobenzene
 Concen: 19.933 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.5
148	65.0	32.4	97.2





#89

n-Butylbenzene

Concen: 20.518 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_X

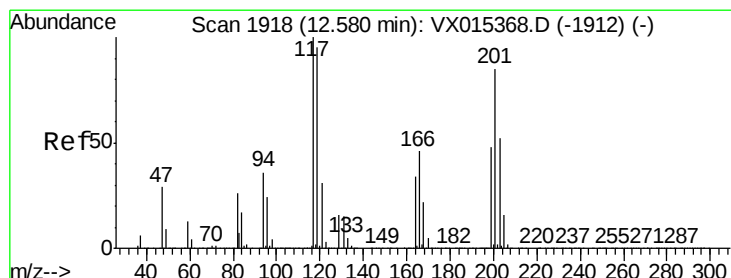
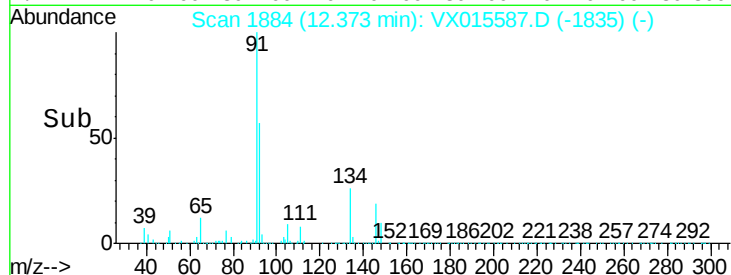
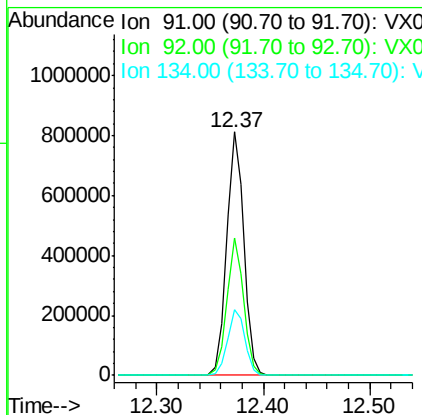
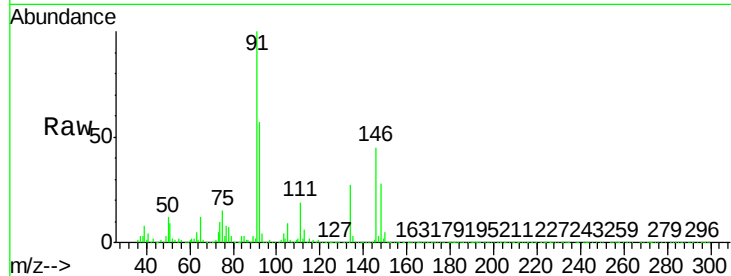
ClientSampleId :

VX0409MBS01

Tot Ion:	91	Resp:	916295
Ion Ratio	Lower	Upper	
91	100		
92	54.9	27.2	81.5
134	27.4	13.4	40.2

Manual Integrations
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#90

Hexachloroethane

Concen: 19.018 ug/l

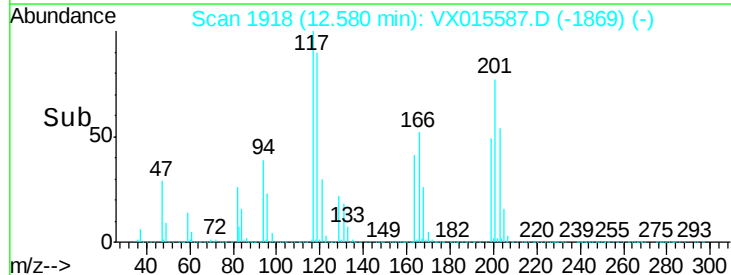
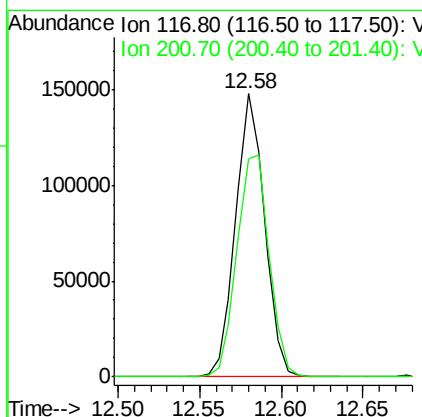
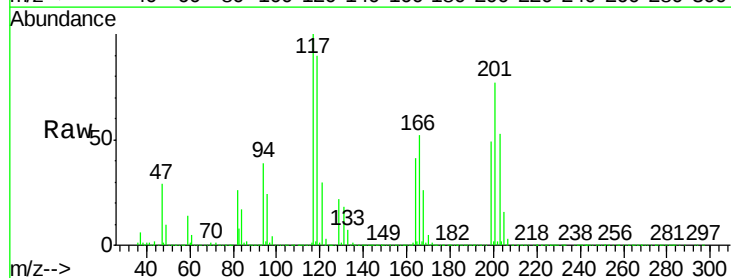
RT: 12.58 min Scan# 1918

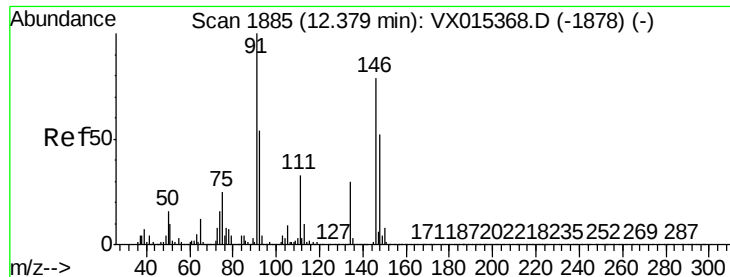
Delta R.T. -0.00 min

Lab File: VX015587.D

Acq: 09 Apr 2020 11:37

Tgt Ion:	117	Resp:	182927
Ion Ratio	Lower	Upper	
117	100		
201	87.4	42.6	128.0





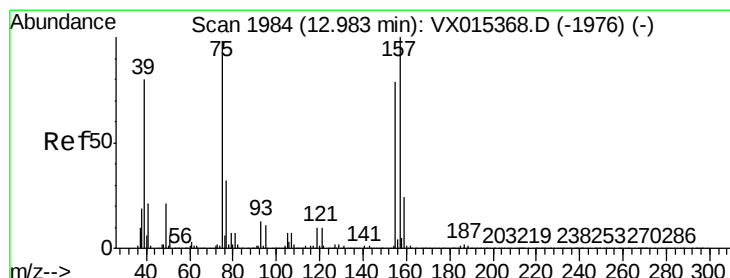
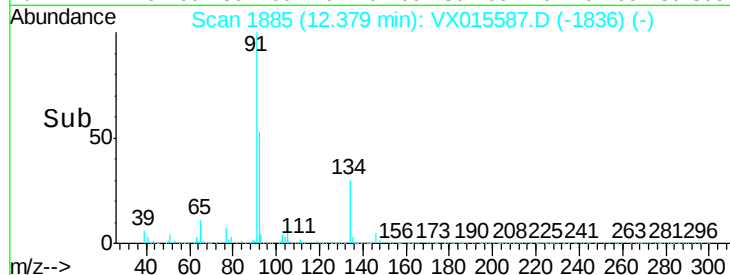
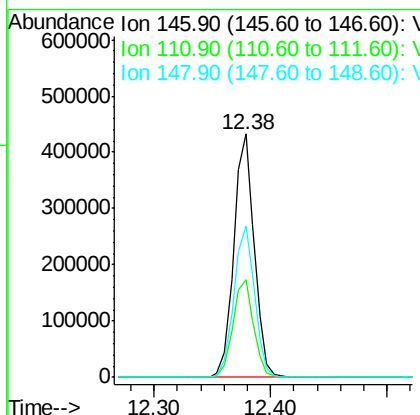
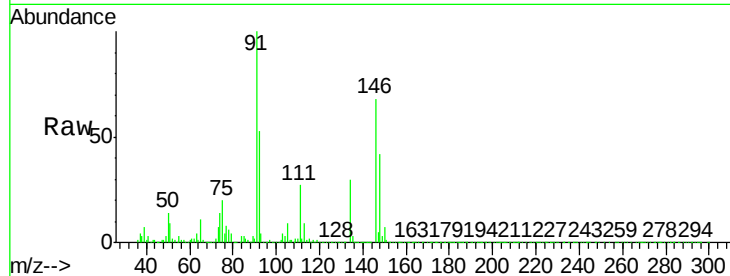
#91
 1,2-Dichlorobenzene
 Concen: 20.448 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Tot Ion:	146	Resp:	527234
Ion Ratio	Lower	Upper	
146	100		
111	41.0	21.0	63.0
148	63.0	32.4	97.0

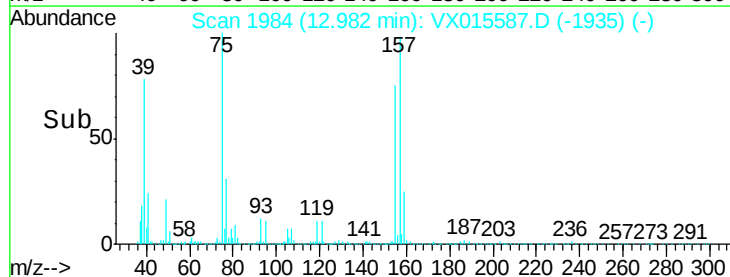
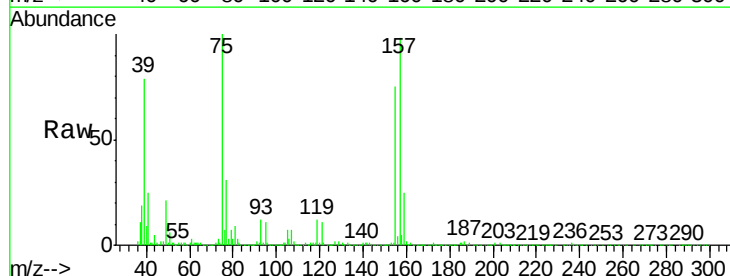
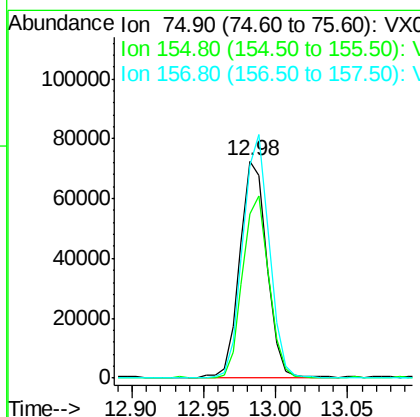
Manual Integrations
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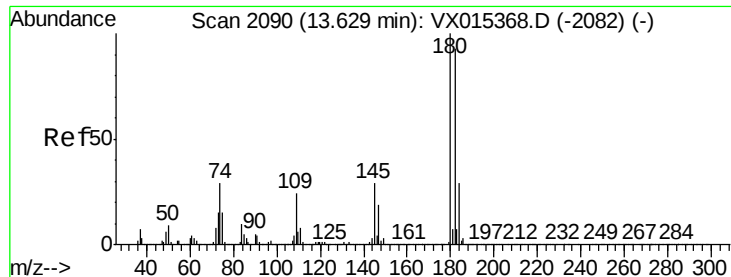
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.645 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Tgt Ion:	75	Resp:	94289
Ion Ratio	Lower	Upper	
75	100		
155	81.0	42.8	128.4
157	109.8	53.4	160.3





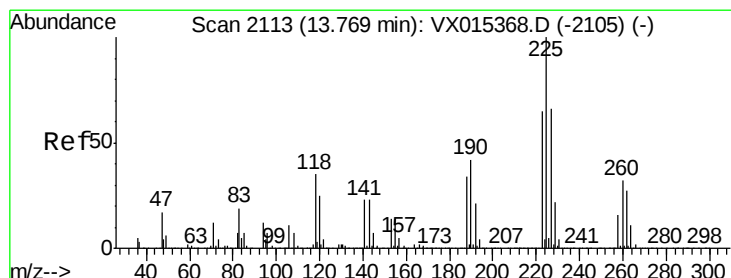
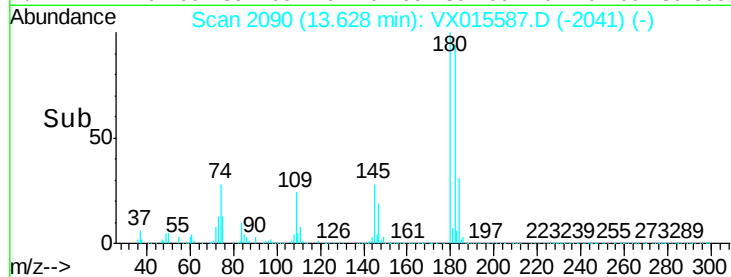
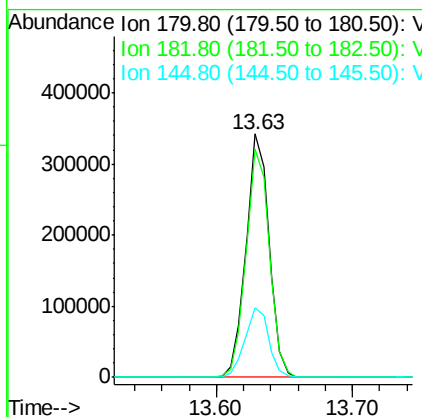
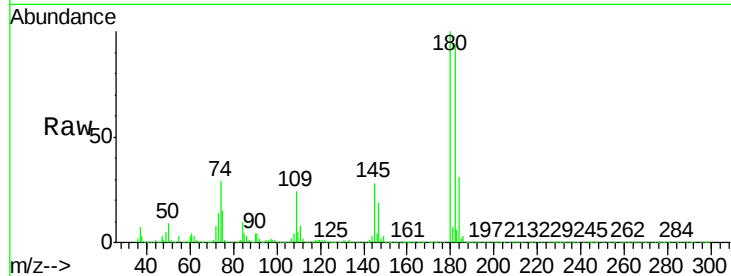
#93
 1,2,4-Trichlorobenzene
 Concen: 19.980 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	407508		
182	94.9	46.9	140.7	
145	29.1	14.9	44.5	

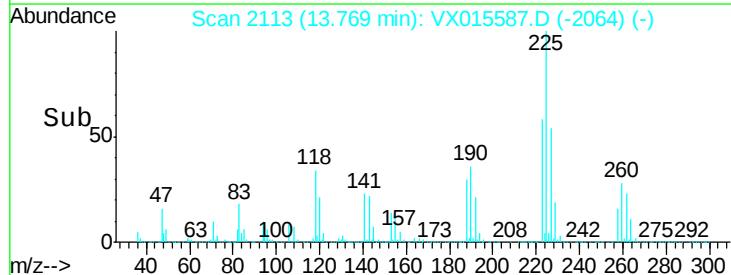
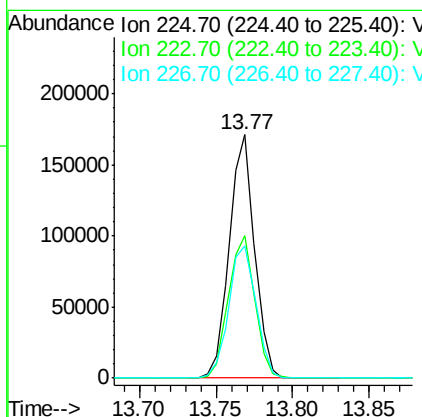
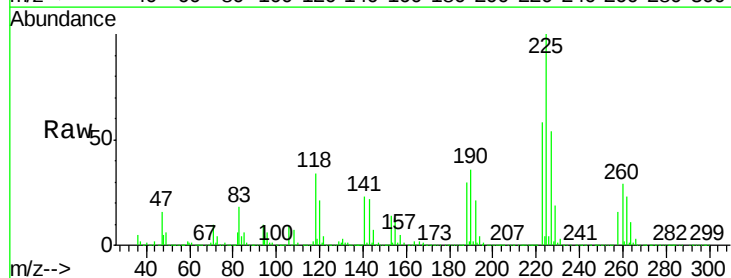
Manual Integrations
 APPROVED

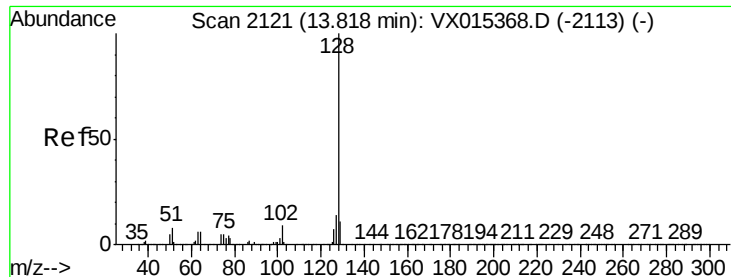
sam
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#94
 Hexachlorobutadiene
 Concen: 20.181 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015587.D
 Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	195964		
223	61.0	31.9	95.7	
227	58.9	30.4	91.3	





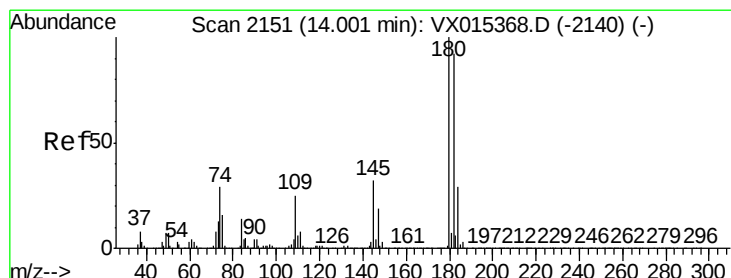
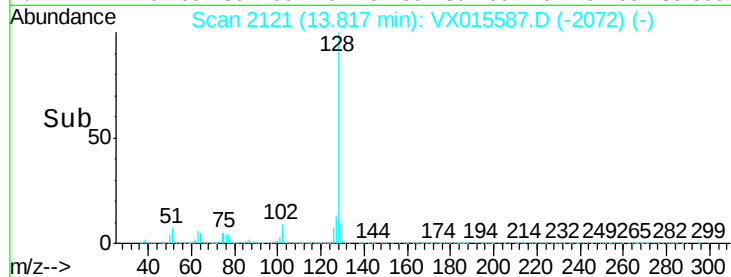
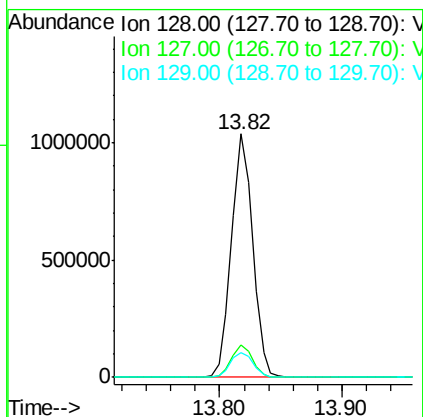
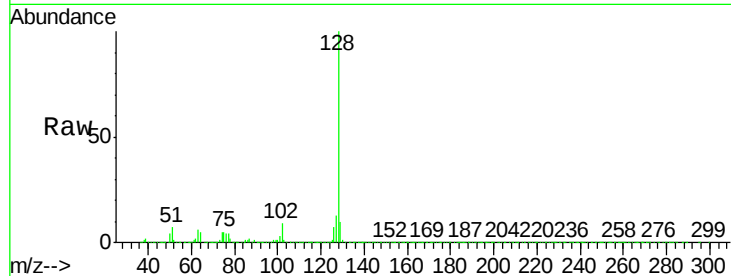
#95
Naphthalene
Concen: 19.911 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 20.531 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015587.D
Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	46.7	140.0
145	31.7	15.8	47.3

