

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012024.D
 Acq On : 03 Sep 2019 15:44
 Operator : SY/SP
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX090319

Manual Integrations
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Quant Time: Sep 03 16:44:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	253370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	100011	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
35) Dibromofluoromethane	5.48	113	83612	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	8.71	98	310455	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
62) 4-Bromofluorobenzene	11.13	95	133849	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	63723	50.421	ug/l	99
3) Chloromethane	1.31	50	68518	52.937	ug/l	98
4) Vinyl Chloride	1.39	62	64308	52.809	ug/l	98
5) Bromomethane	1.62	94	39264m	64.997	ug/l	
6) Chloroethane	1.71	64	40586	53.613	ug/l	99
7) Trichlorofluoromethane	1.92	101	101073	53.439	ug/l	97
8) Diethyl Ether	2.17	74	35689	54.603	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72864	52.012	ug/l #	84
10) Methyl Iodide	2.50	142	63777	45.670	ug/l	94
11) Tert butyl alcohol	3.03	59	38727	213.216	ug/l	96
12) 1,1-Dichloroethene	2.36	96	70851	52.501	ug/l	90
13) Acrolein	2.28	56	10654	230.759	ug/l	96
14) Allyl chloride	2.71	41	133596	54.710	ug/l	99
15) Acrylonitrile	3.12	53	100360	244.352	ug/l	99
16) Acetone	2.43	43	122031	269.984	ug/l	100
17) Carbon Disulfide	2.56	76	226133	57.336	ug/l	100
18) Methyl Acetate	2.76	43	49472	46.462	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	224299	51.052	ug/l	100
20) Methylene Chloride	2.84	84	87106	47.991	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	84904	53.613	ug/l	93
22) Diisopropyl ether	3.84	45	261171	52.473	ug/l	97
23) Vinyl Acetate	3.80	43	848390	263.498	ug/l	99
24) 1,1-Dichloroethane	3.68	63	151723	52.560	ug/l	98
25) 2-Butanone	4.65	43	149505	259.849	ug/l	98
26) 2,2-Dichloropropane	4.56	77	143571	53.870	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	97790	52.679	ug/l	92
28) Bromochloromethane	5.00	49	57281	49.711	ug/l #	80
29) Tetrahydrofuran	5.11	42	83127	239.800	ug/l	97
30) Chloroform	5.19	83	162802	52.560	ug/l	97
31) Cyclohexane	5.56	56	120837	52.121	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	141795	52.561	ug/l	97
36) 1,1-Dichloropropene	5.78	75	115009	51.538	ug/l	97
37) Ethyl Acetate	4.81	43	60107	49.532	ug/l	98
38) Carbon Tetrachloride	5.77	117	121220	51.551	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	132733	51.249	ug/l	97
40) Benzene	6.12	78	340329	53.124	ug/l	98
41) Methacrylonitrile	5.02	41	36043	49.806	ug/l	98
42) 1,2-Dichloroethane	6.17	62	120987	52.479	ug/l	98
43) Isopropyl Acetate	6.43	43	122123	49.494	ug/l	99
44) Trichloroethene	7.20	130	89963	52.064	ug/l	83
45) 1,2-Dichloropropane	7.50	63	87423	52.818	ug/l	95
46) Dibromomethane	7.65	93	50831	52.608	ug/l #	73
47) Bromodichloromethane	7.89	83	127783	52.029	ug/l	97
48) Methyl methacrylate	7.76	41	61062	49.218	ug/l	98
49) 1,4-Dioxane	7.73	88	15368	908.665	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	298979	238.223	ug/l	100
52) Toluene	8.78	92	221361	53.106	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	133899	52.660	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	149810	52.982	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	68954	49.917	ug/l	98
56) Ethyl methacrylate	9.17	69	100170	50.625	ug/l	97
57) 1,3-Dichloropropane	9.36	76	121852	51.119	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	202351	226.837	ug/l	94
59) 2-Hexanone	9.48	43	230643	251.857	ug/l	98
60) Dibromochloromethane	9.57	129	84541	51.351	ug/l	98
61) 1,2-Dibromoethane	9.67	107	68352	51.207	ug/l	98
64) Tetrachloroethene	9.33	164	72322	49.931	ug/l #	89
65) Chlorobenzene	10.14	112	235976	51.478	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	86020	51.320	ug/l	97
67) Ethyl Benzene	10.25	91	433567	51.888	ug/l	96
68) m/p-Xylenes	10.36	106	320100	103.976	ug/l	91
69) o-Xylene	10.70	106	155756	52.175	ug/l	92
70) Styrene	10.71	104	271230	52.308	ug/l	96
71) Bromoform	10.85	173	46478	50.486	ug/l	97
73) Isopropylbenzene	11.01	105	417426	50.912	ug/l	96
74) N-amyl acetate	10.89	43	119473	49.284	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	81329	47.581	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	62836m	46.021	ug/l	
77) Bromobenzene	11.25	156	93501	50.990	ug/l #	68
78) n-propylbenzene	11.35	91	499568	50.434	ug/l	95
79) 2-Chlorotoluene	11.42	91	304403	50.726	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	366451	51.002	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	27981	48.450	ug/l	96
82) 4-Chlorotoluene	11.51	91	364833	51.008	ug/l	91
83) tert-Butylbenzene	11.76	119	349219	50.994	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	385352	52.183	ug/l	93
85) sec-Butylbenzene	11.94	105	433279	50.938	ug/l	94
86) p-Isopropyltoluene	12.06	119	400015	51.710	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	187487	51.025	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	186845	50.856	ug/l	95
89) n-Butylbenzene	12.39	91	385224	51.263	ug/l	96
90) Hexachloroethane	12.59	117	76019	49.217	ug/l	55
91) 1,2-Dichlorobenzene	12.39	146	167994	50.765	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17179	48.029	ug/l	64

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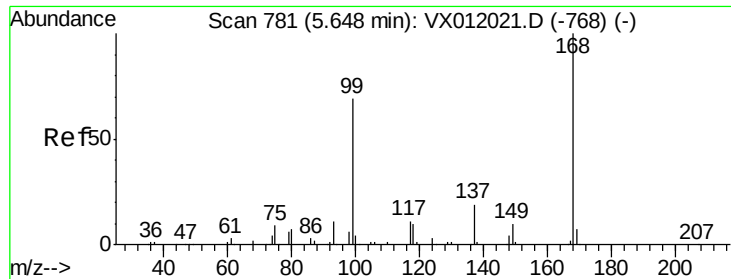
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	121330	51.511	ug/l	95
94) Hexachlorobutadiene	13.78	225	59946	50.488	ug/l	99
95) Naphthalene	13.83	128	262825	51.557	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108228	52.228	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampled :

ICVVX090319

Tot Ion:168 Resp: 137050

Ion Ratio Lower Upper

168 100

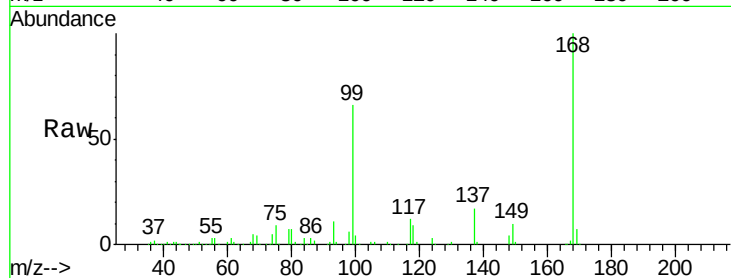
99 65.9 37.6 56.4#

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

50000

40000

30000

20000

10000

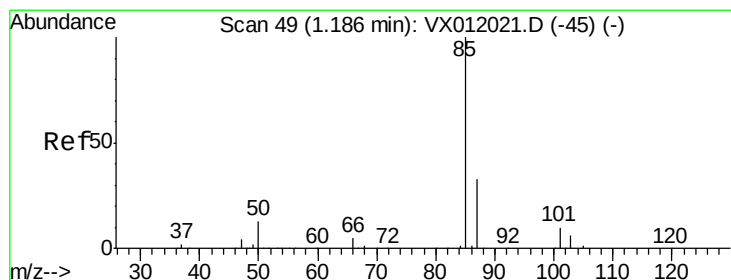
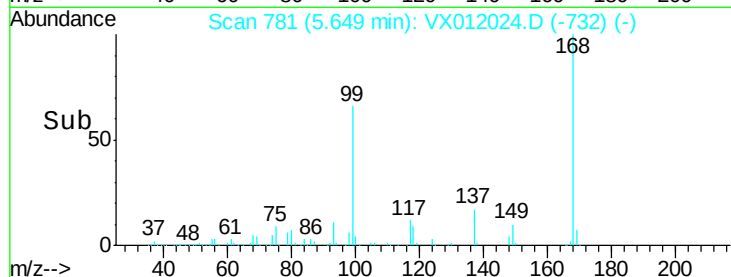
0

Time-->

5.50

5.60

5.70



#2

Dichlorodifluoromethane

Concen: 50.421 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012024.D

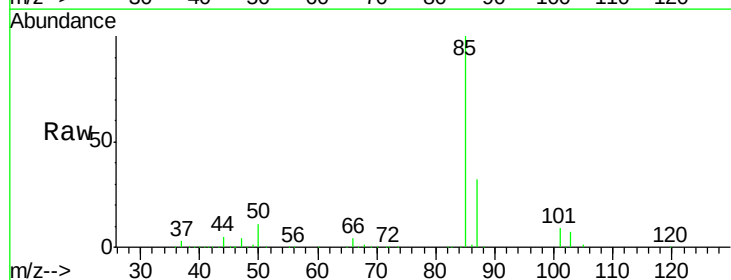
Acq: 03 Sep 2019 15:44

Tgt Ion: 85 Resp: 63723

Ion Ratio Lower Upper

85 100

87 31.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

40000

20000

0

Time-->

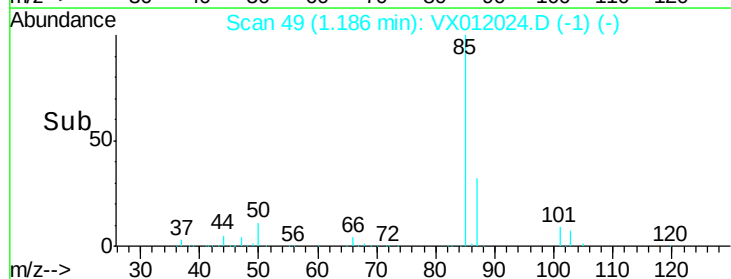
1.10

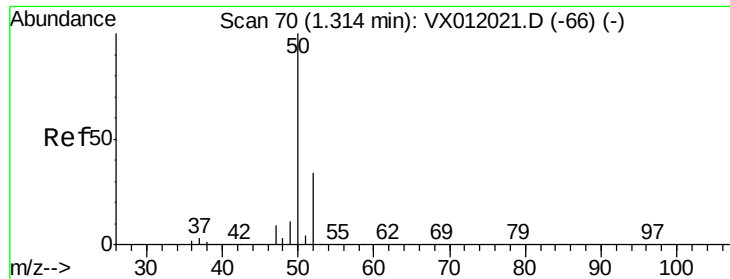
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 52.937 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion: 50 Resp: 68518

Ion Ratio Lower Upper

50 100

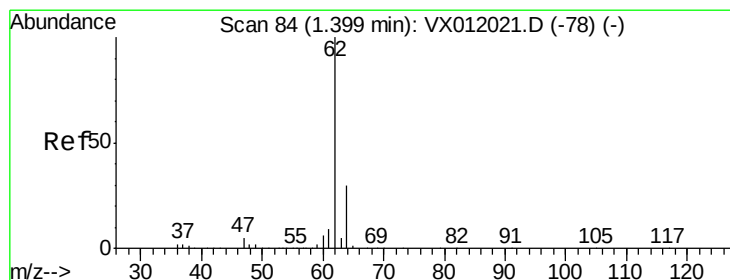
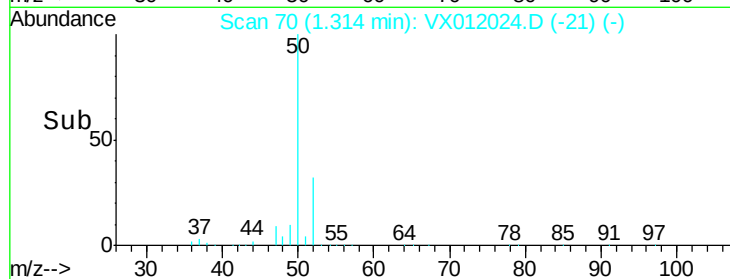
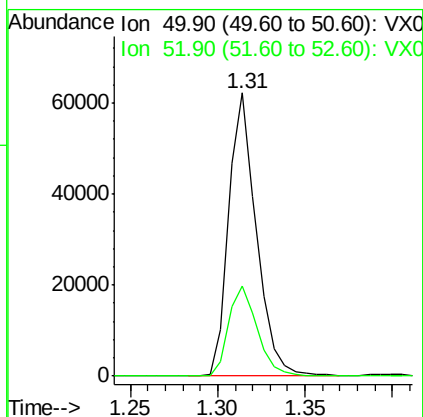
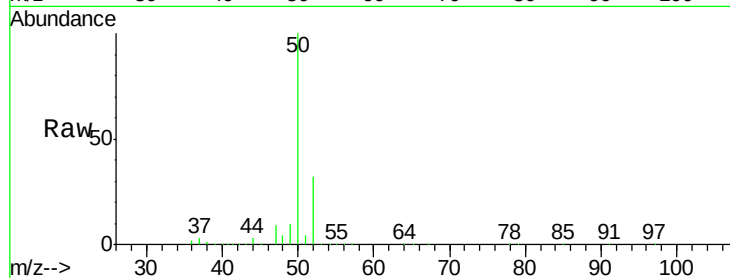
52 31.9 26.5 39.7

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#4

Vinyl Chloride

Concen: 52.809 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012024.D

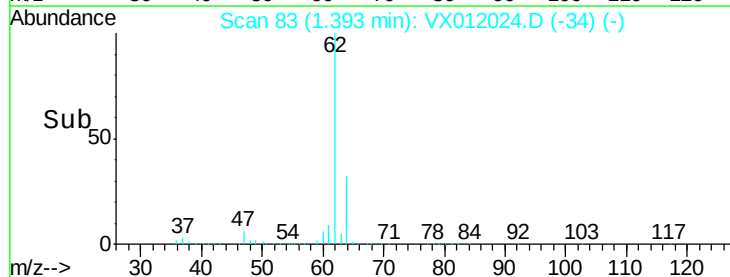
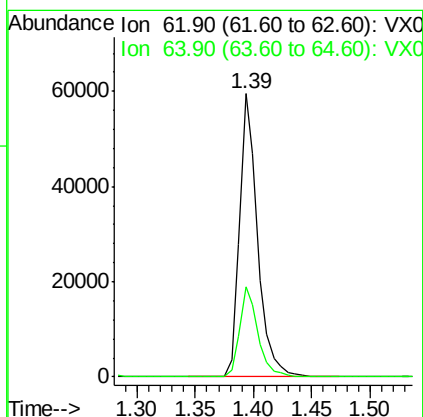
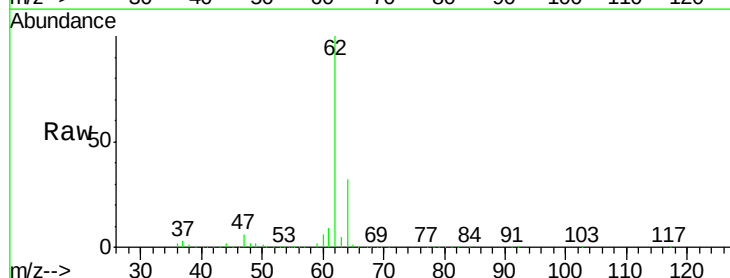
Acq: 03 Sep 2019 15:44

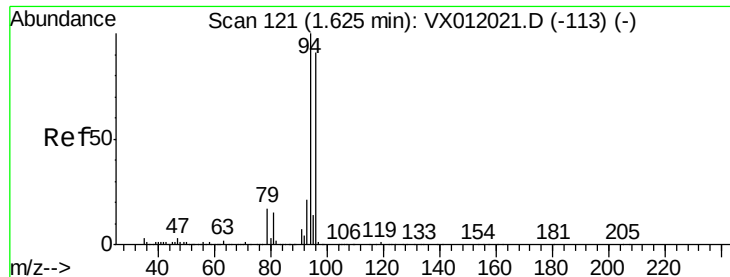
Tgt Ion: 62 Resp: 64308

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.4





#5

Bromomethane

Concen: 64.997 ug/l m

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion: 94 Resp: 39264

Ion Ratio Lower Upper

94 100

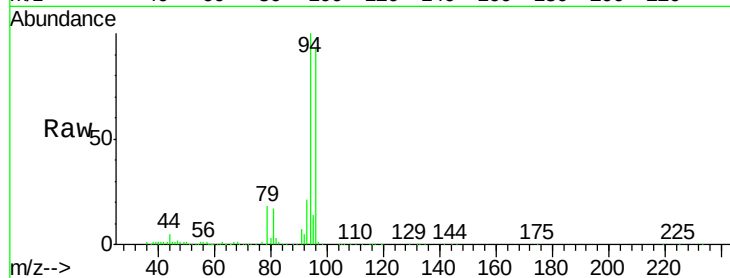
96 92.9 76.3 114.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

40000

30000

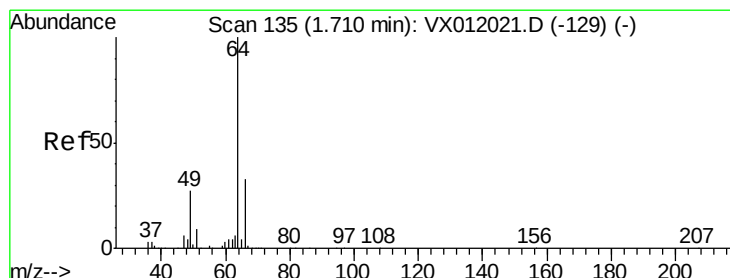
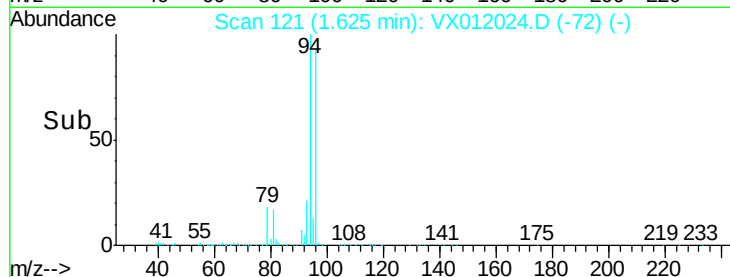
20000

10000

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 53.613 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012024.D

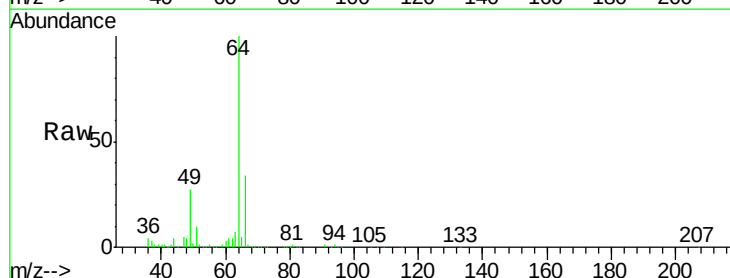
Acq: 03 Sep 2019 15:44

Tgt Ion: 64 Resp: 40586

Ion Ratio Lower Upper

64 100

66 33.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

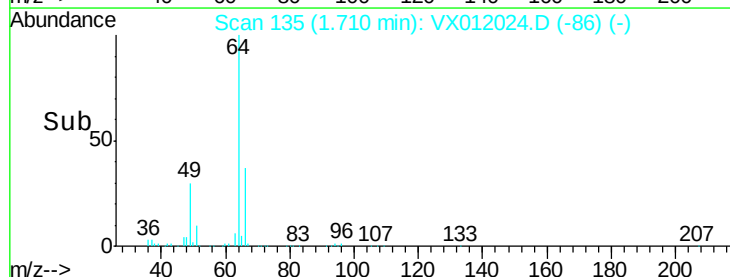
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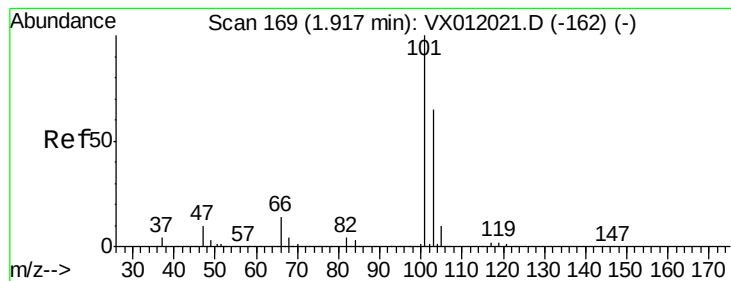
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0

Time-->

1.60 1.70 1.80





#7

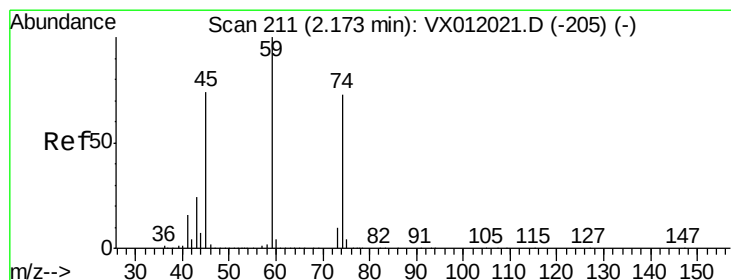
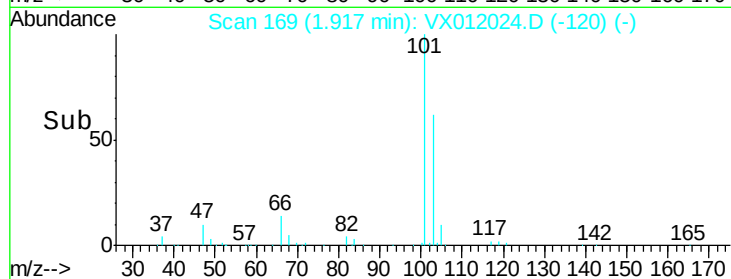
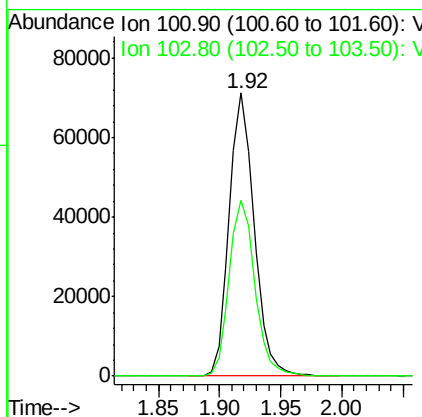
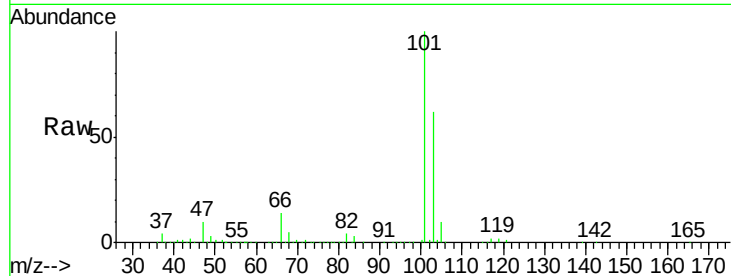
Trichlorofluoromethane
 Concen: 53.439 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Instrument :
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 ICVVX090319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		101073		
103	62.0	51.6	77.4		

Manual Integrations
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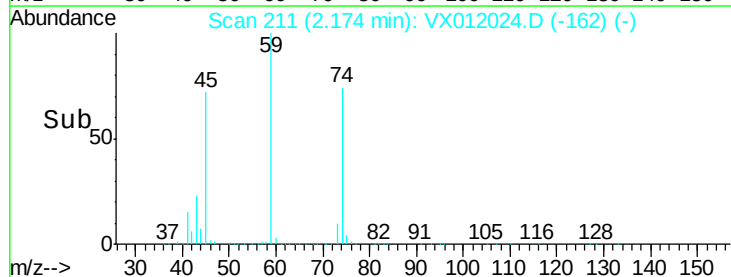
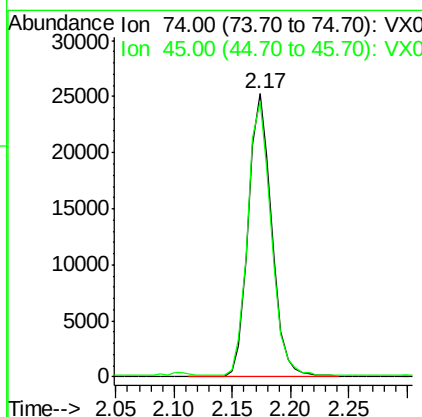
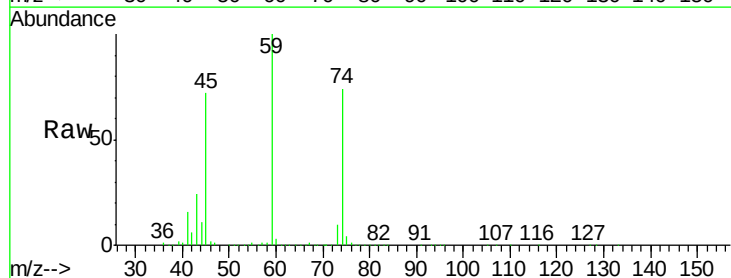
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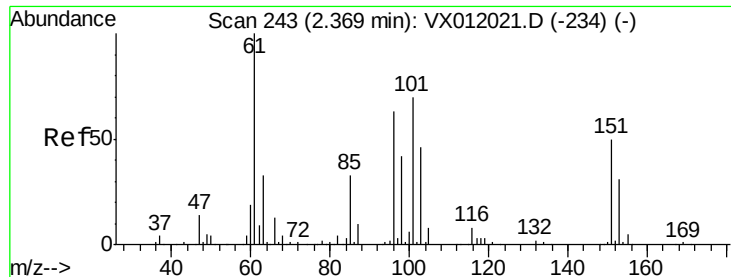


#8

Diethyl Ether
 Concen: 54.603 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		35689		
45	96.9	45.9	137.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.012 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

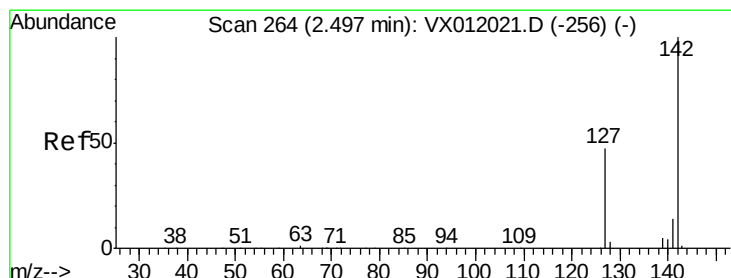
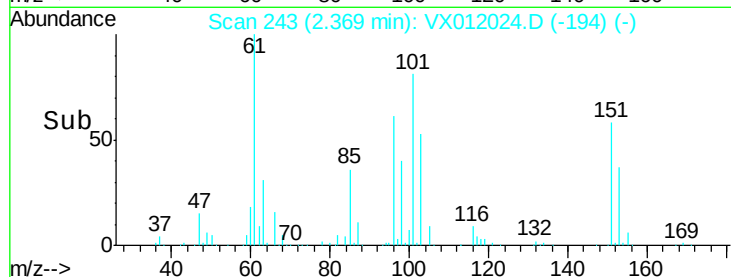
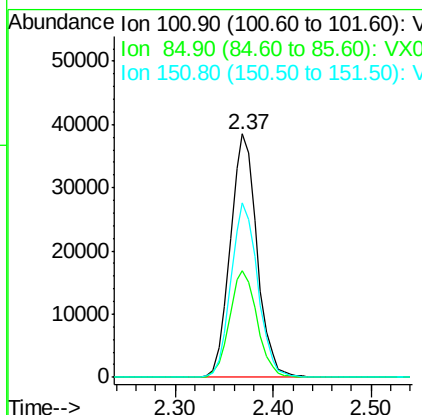
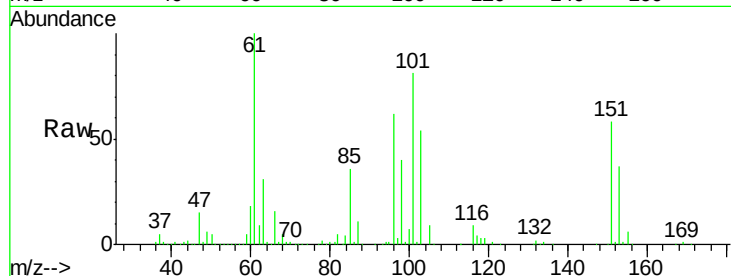
ClientSampled :

ICVVX090319

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.3	34.5	51.7
151	72.2	75.0	112.4

Manual Integrations
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#10

Methyl Iodide

Concen: 45.670 ug/l

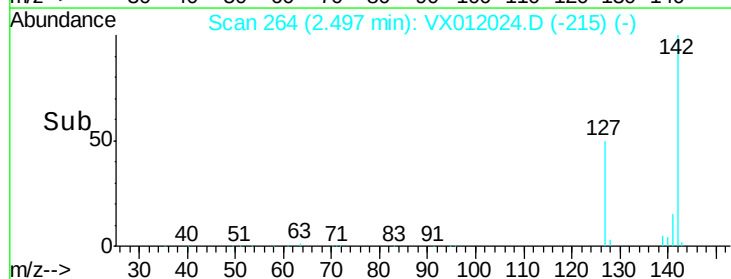
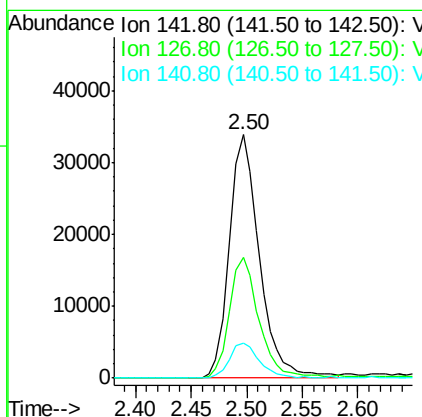
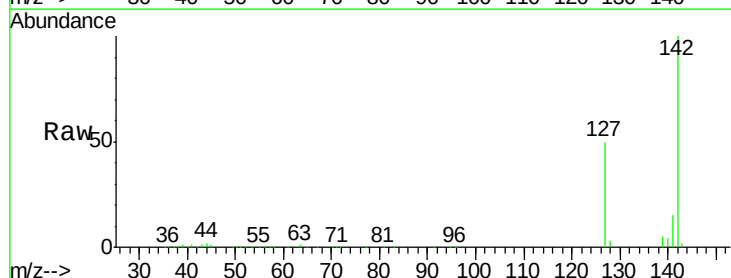
RT: 2.50 min Scan# 264

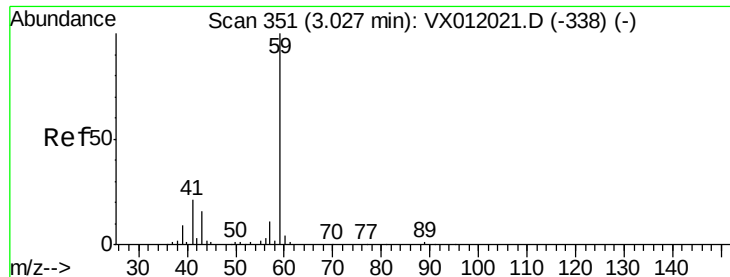
Delta R.T. 0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.9	35.4	53.2
141	14.7	11.4	17.2





#11

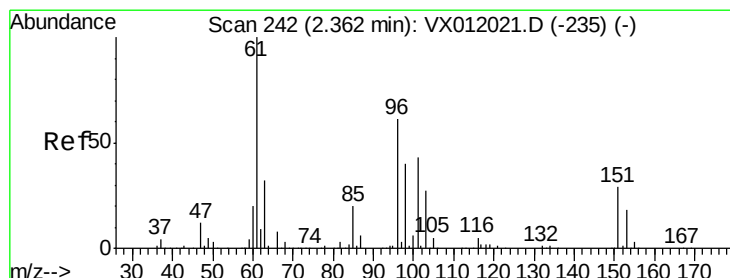
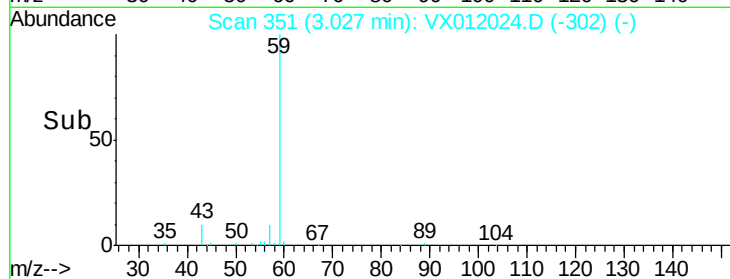
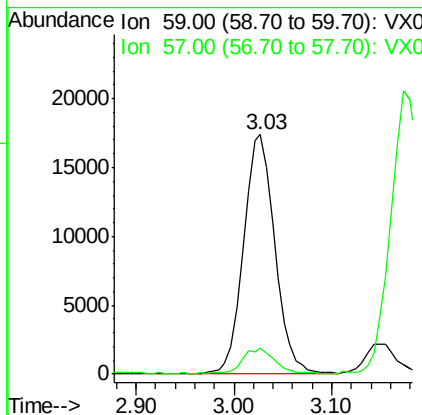
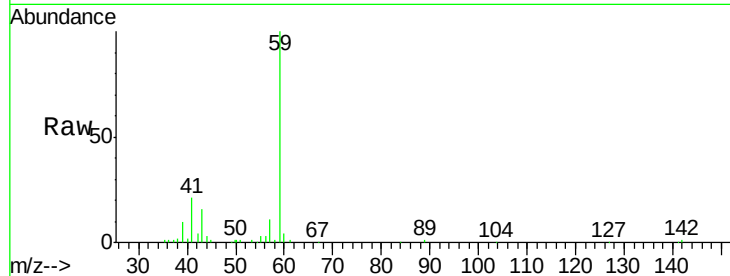
Tert butyl alcohol
Concen: 213.216 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tot Ion	59	Resp	38727
Ion Ratio	100	Lower	Upper
57	11.4	7.9	11.9

Manual Integrations
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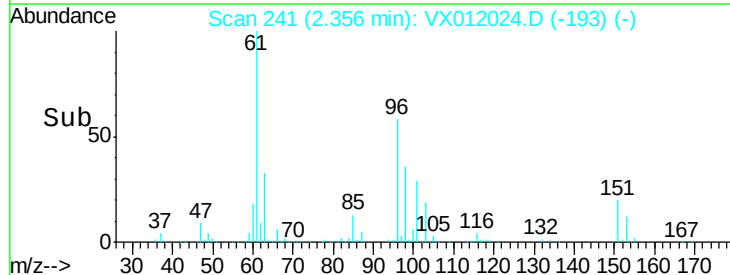
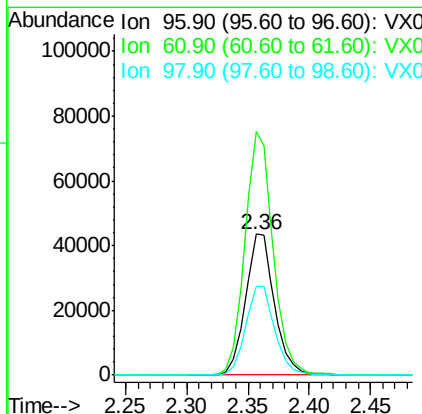
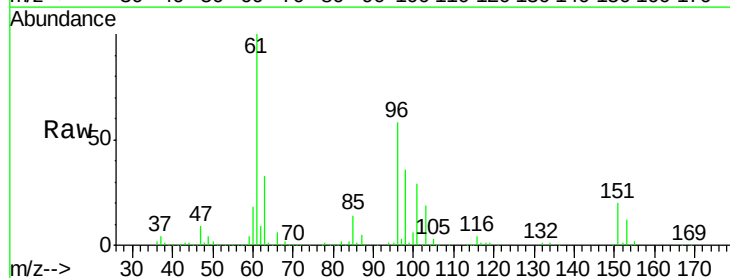
sam
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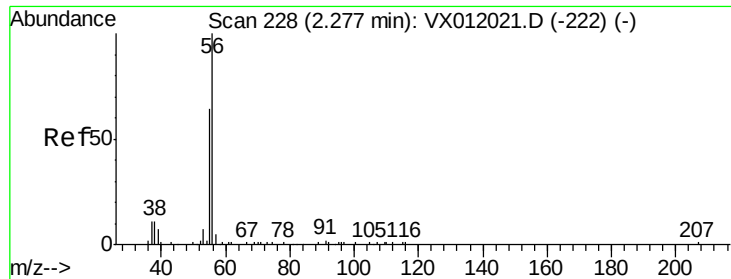


#12

1,1-Dichloroethene
Concen: 52.501 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion	96	Resp	70851
Ion Ratio	100	Lower	Upper
61	172.9	124.1	186.1
98	62.9	50.2	75.2





#13

Acrolein

Concen: 230.759 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion: 56 Resp: 10654

Ion Ratio Lower Upper

56 100

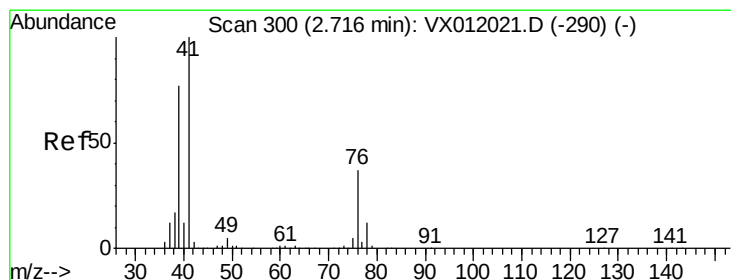
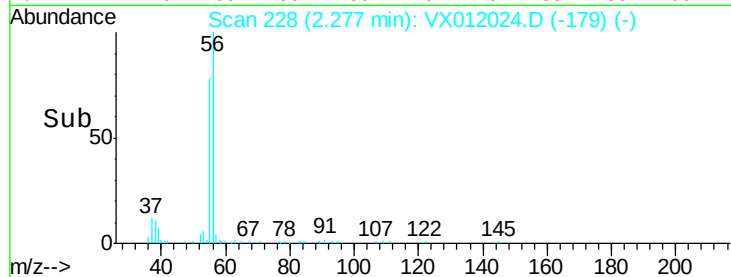
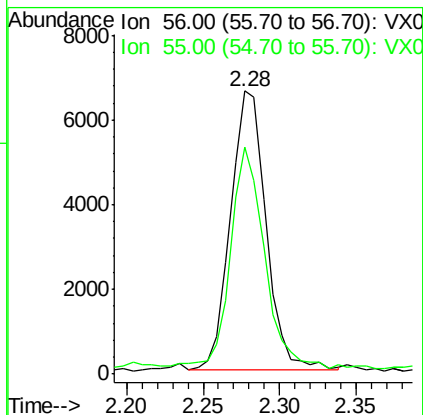
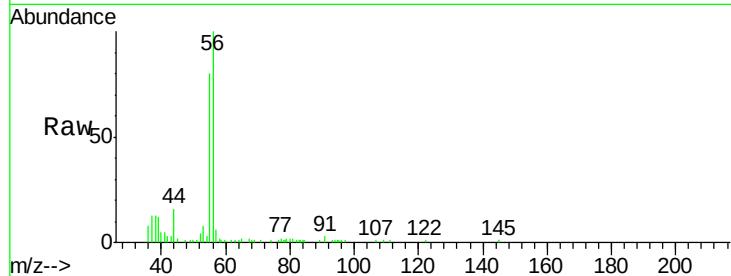
55 77.2 59.2 88.8

Manual Integrations

APPROVED

sam

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#14

Allyl chloride

Concen: 54.710 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

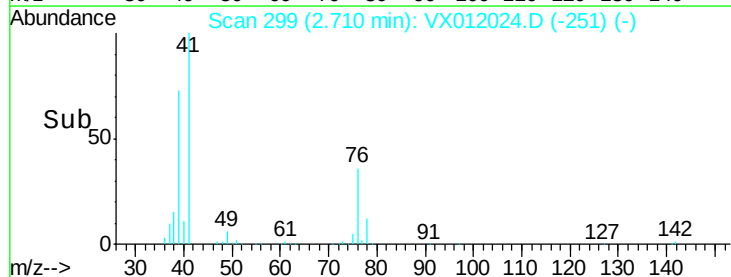
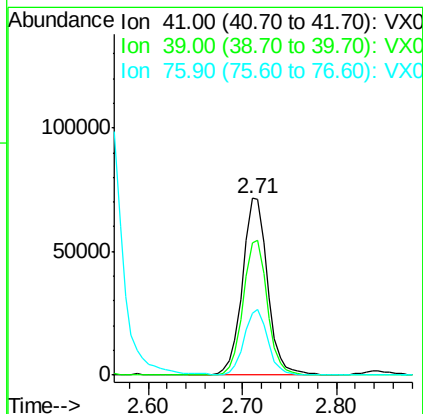
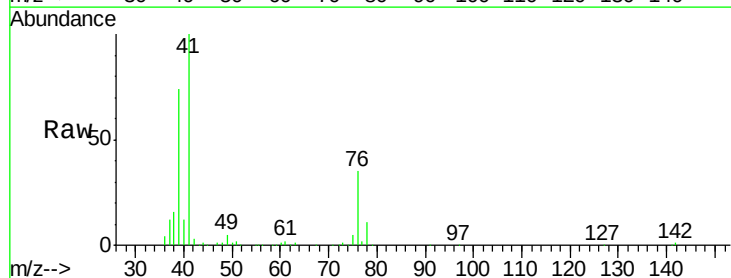
Tgt Ion: 41 Resp: 133596

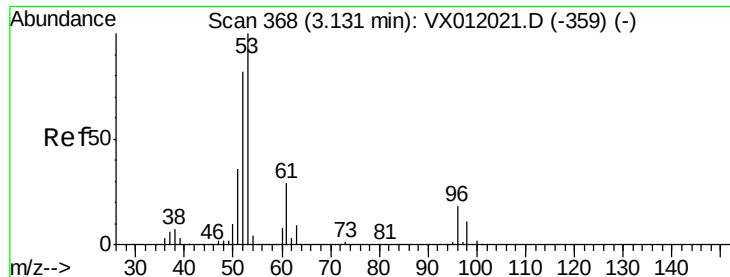
Ion Ratio Lower Upper

41 100

39 72.9 57.9 86.9

76 35.1 28.5 42.7





#15

Acrylonitrile

Concen: 244.352 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

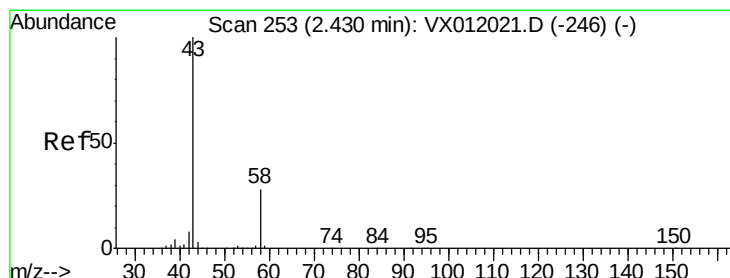
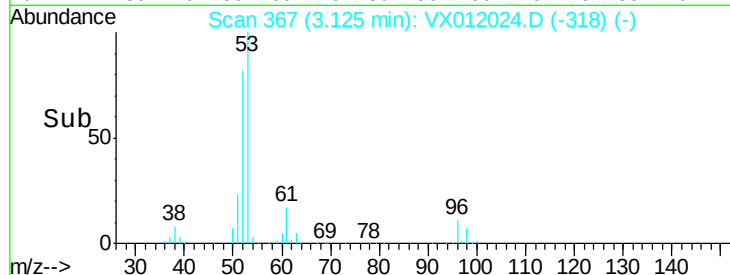
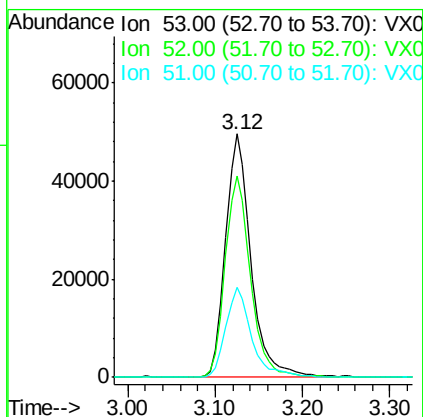
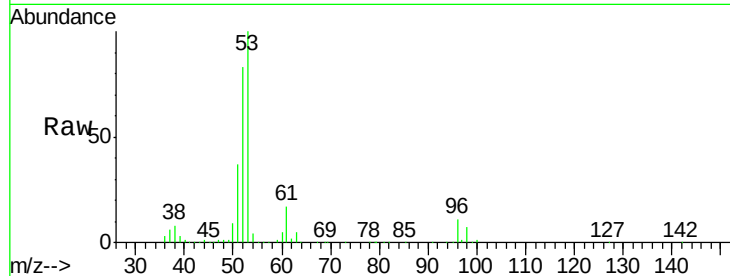
ClientSampleId :

ICVVX090319

Tot Ion:	53	Resp:	100360
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.6	98.4
51	37.8	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 269.984 ug/l

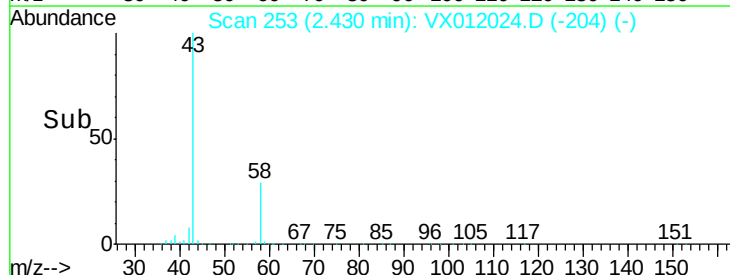
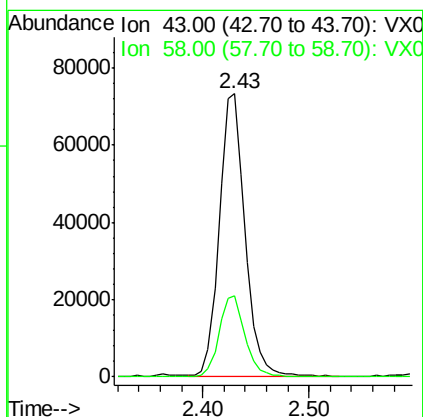
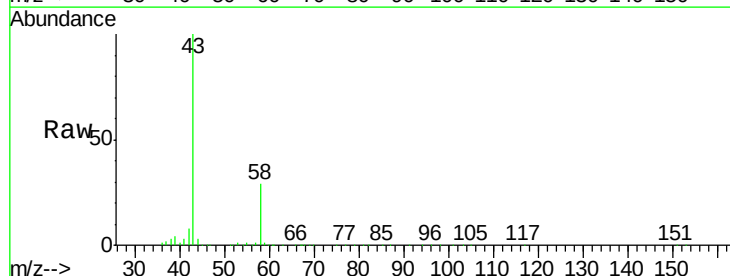
RT: 2.43 min Scan# 253

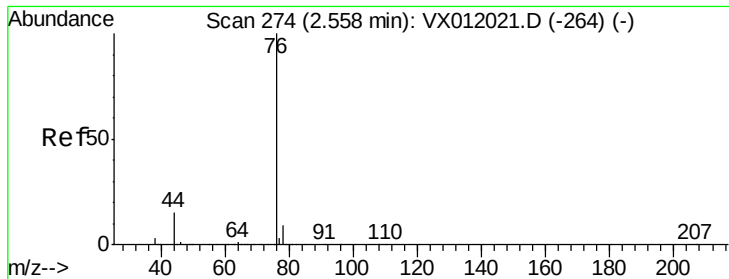
Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion:	43	Resp:	122031
Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.8	34.2





#17

Carbon Disulfide

Concen: 57.336 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion: 76 Resp: 226133

Ion Ratio Lower Upper

76 100

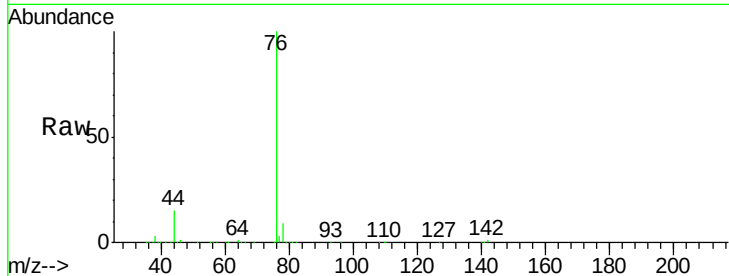
78 9.3 7.4 11.2

Manual Integrations

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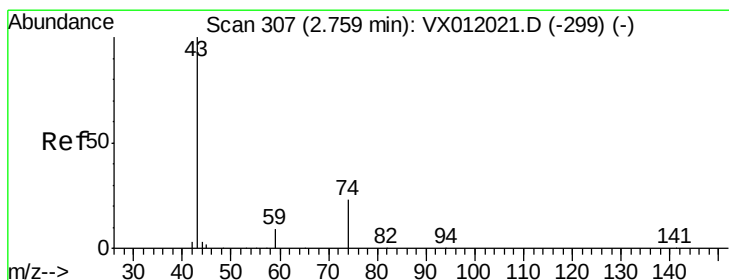
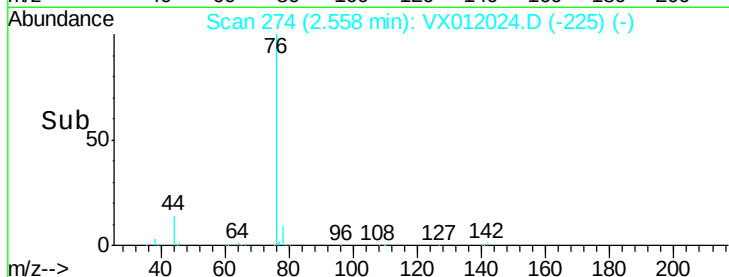
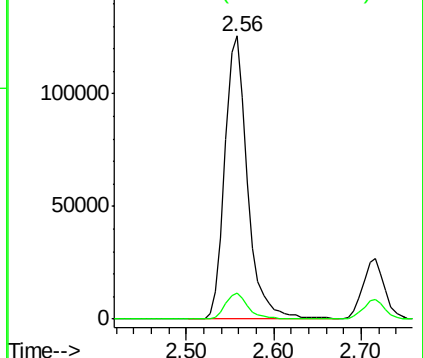
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.462 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012024.D

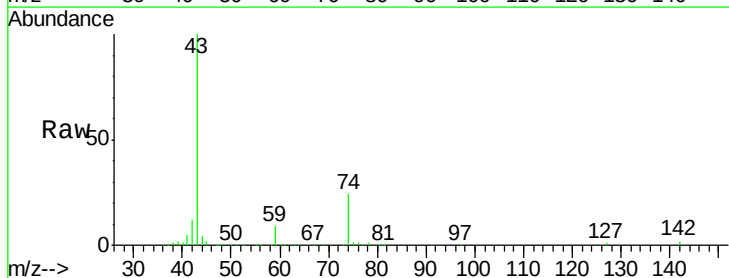
Acq: 03 Sep 2019 15:44

Tgt Ion: 43 Resp: 49472

Ion Ratio Lower Upper

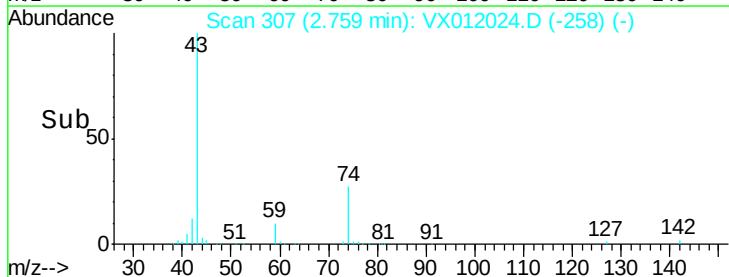
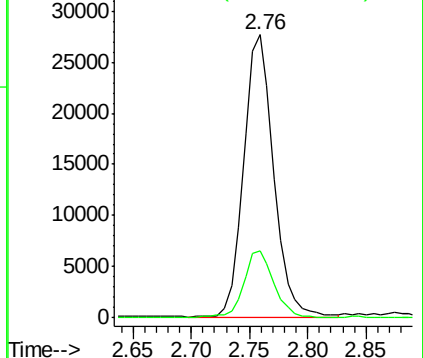
43 100

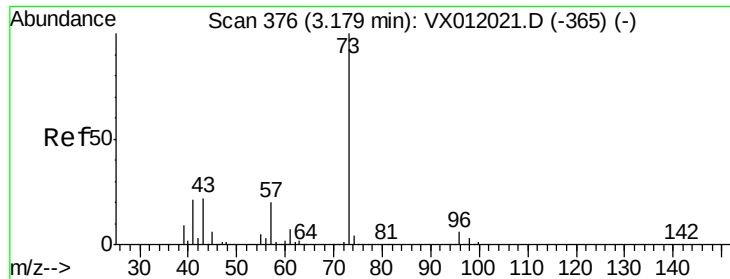
74 24.5 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





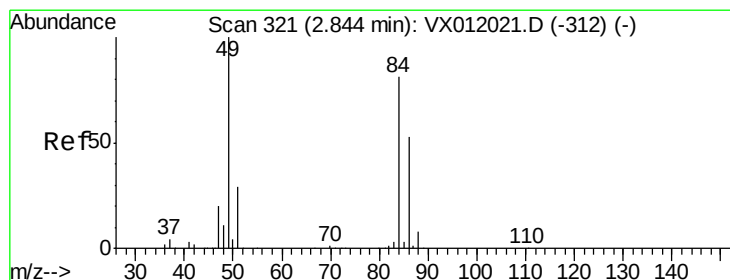
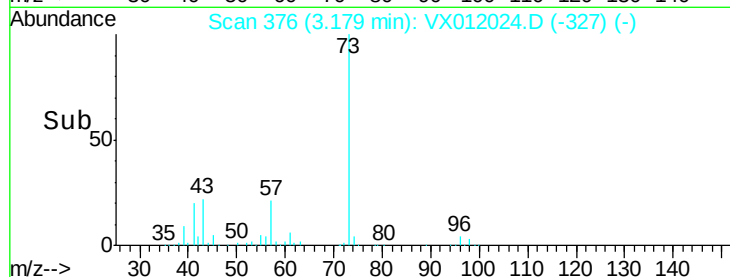
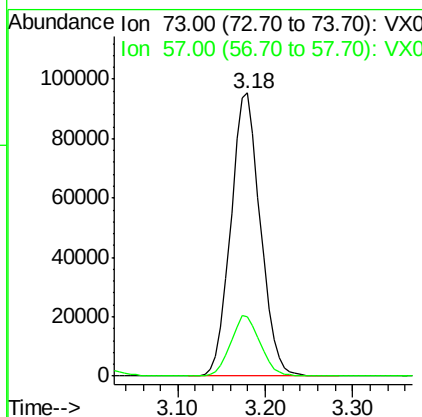
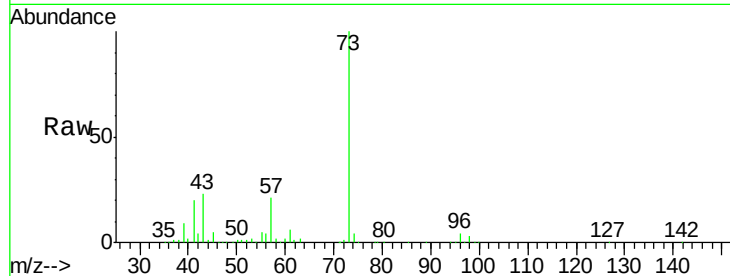
#19
Methyl tert-butyl Ether
Concen: 51.052 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampled :
ICVX090319

Tot Ion: 73 Resp: 224299
Ion Ratio Lower Upper
73 100
57 20.9 16.6 25.0

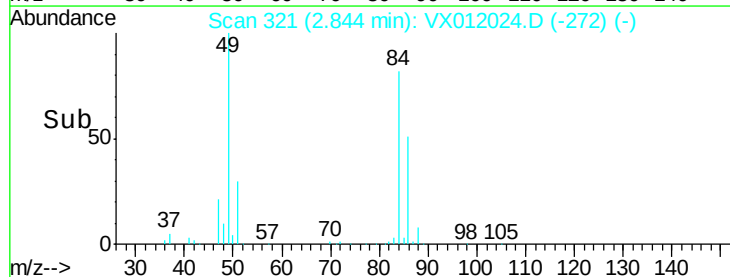
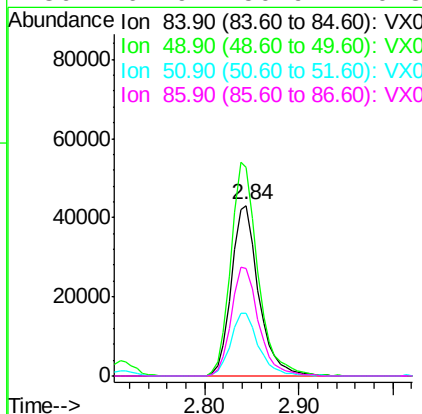
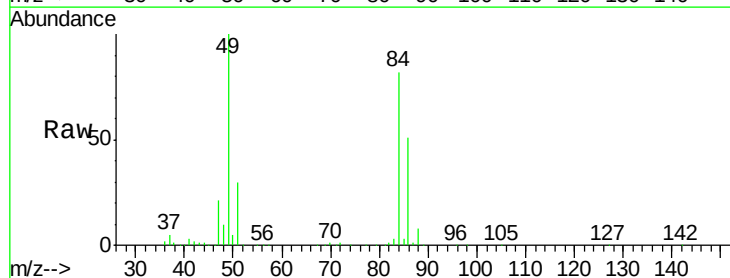
Manual Integrations
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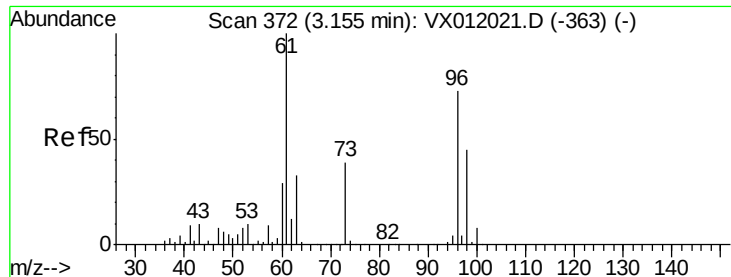
sam
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#20
Methylene Chloride
Concen: 47.991 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion: 84 Resp: 87106
Ion Ratio Lower Upper
84 100
49 122.3 95.8 143.8
51 36.6 28.6 43.0
86 62.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 53.613 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

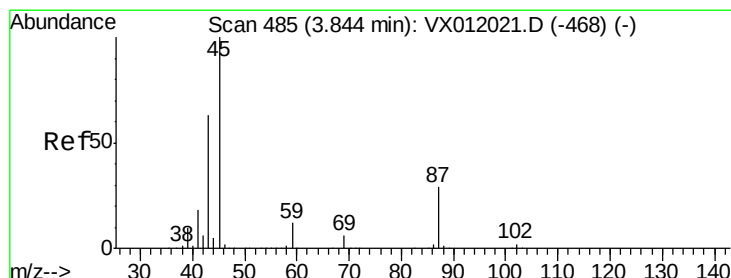
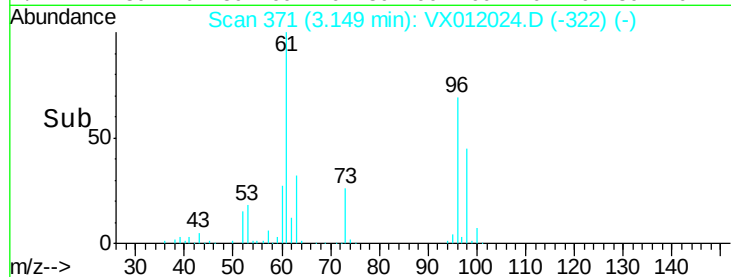
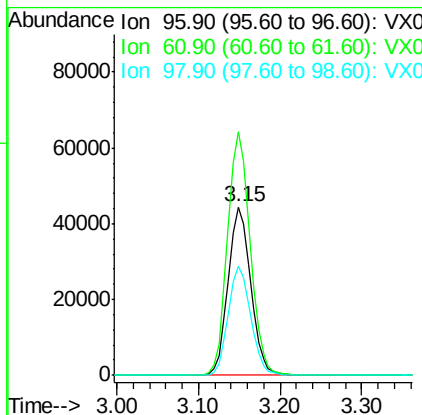
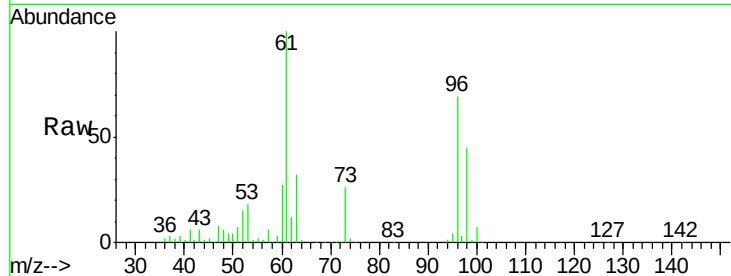
ClientSampleId :

ICVVX090319

Tot Ion:	96	Resp:	84904
Ion	Ratio	Lower	Upper
96	100		
61	144.5	107.0	160.6
98	64.6	49.8	74.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.473 ug/l

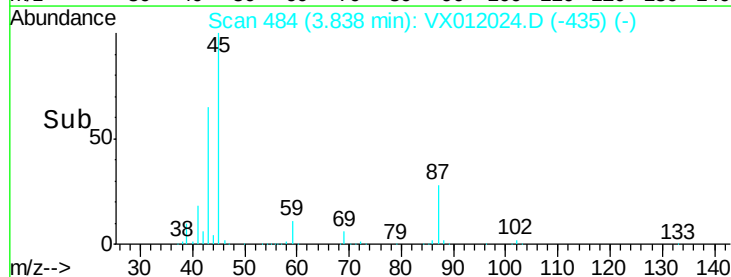
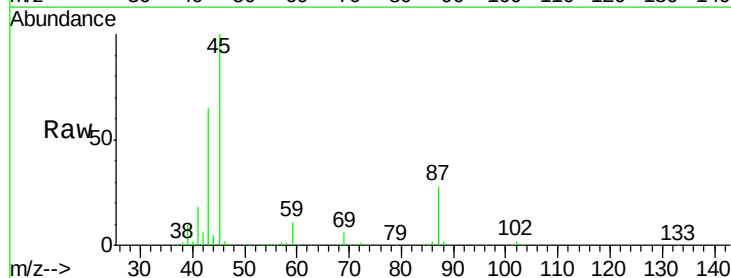
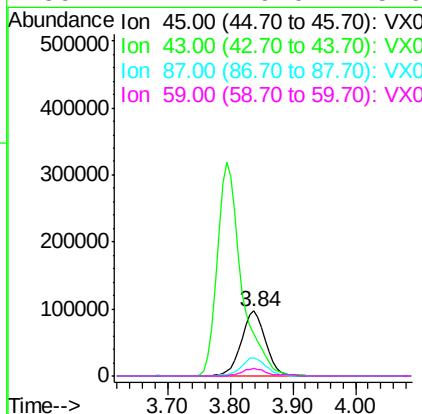
RT: 3.84 min Scan# 484

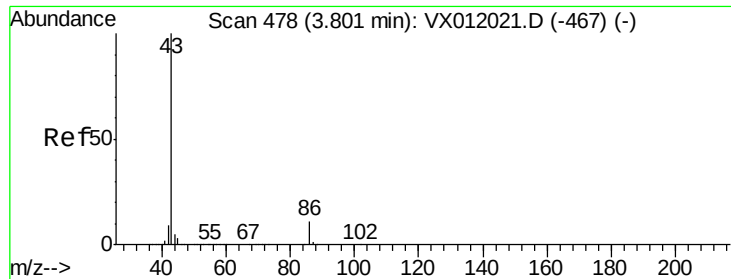
Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion:	45	Resp:	261171
Ion	Ratio	Lower	Upper
45	100		
43	64.7	54.2	81.4
87	28.2	23.4	35.0
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 263.498 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion: 43 Resp: 848390

Ion Ratio Lower Upper

43 100

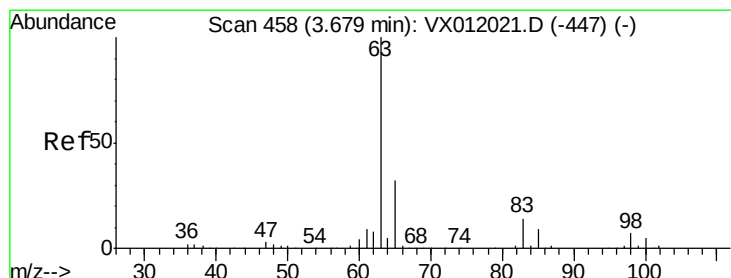
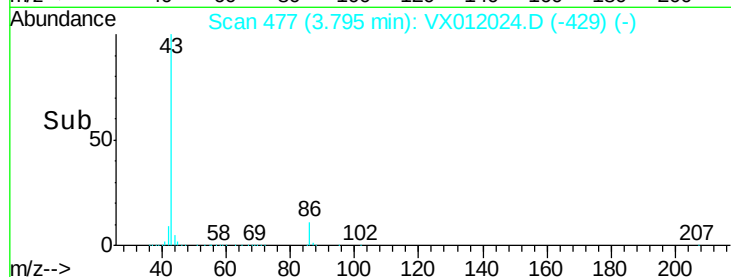
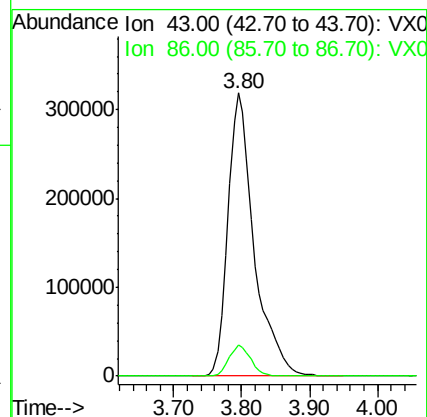
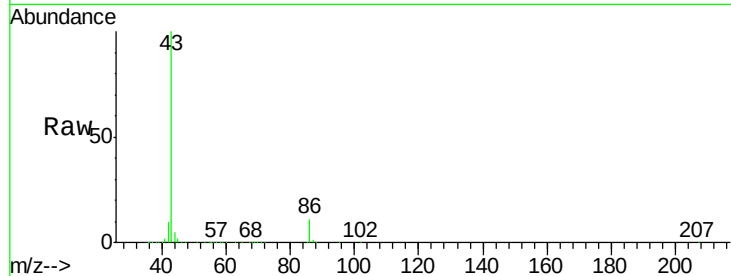
86 11.0 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.560 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

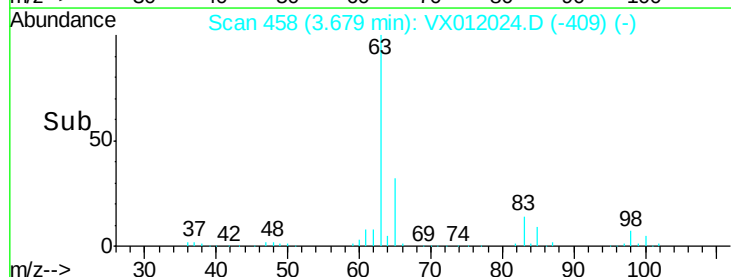
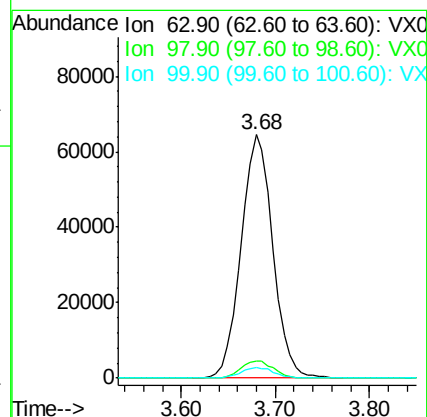
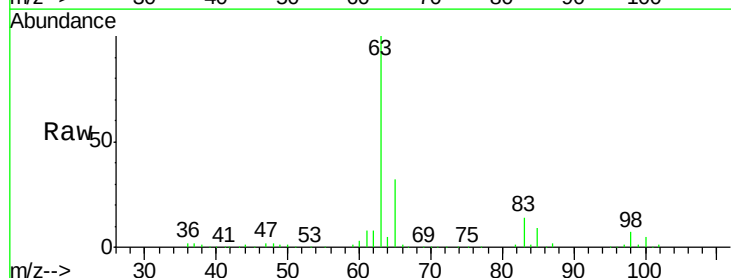
Tgt Ion: 63 Resp: 151723

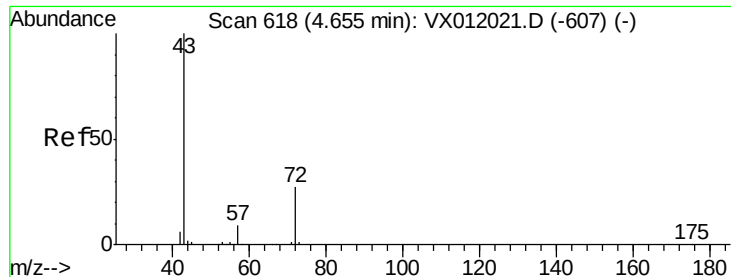
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 259.849 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tot Ion: 43 Resp: 149505

Ion Ratio Lower Upper

43 100

72 25.5 21.3 31.9

Instrument :

MSVOA_X

ClientSampled :

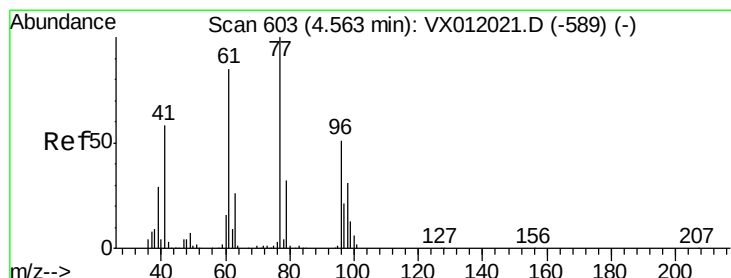
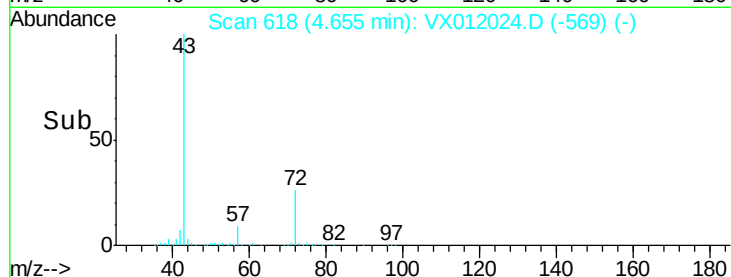
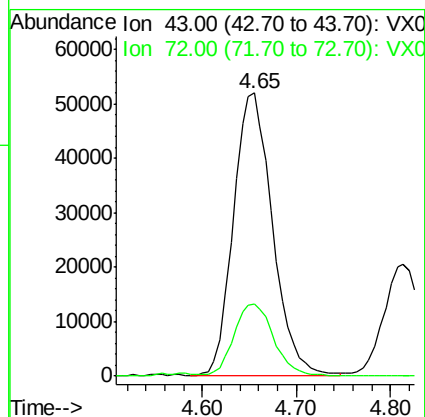
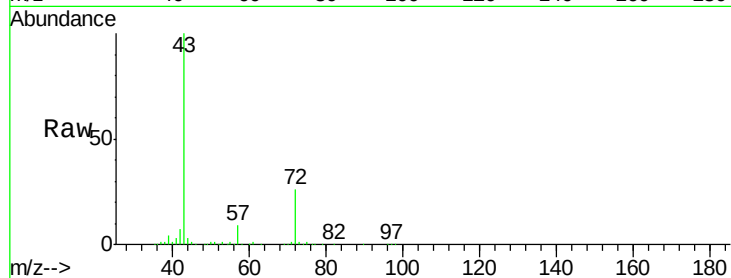
ICVVX090319

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.870 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012024.D

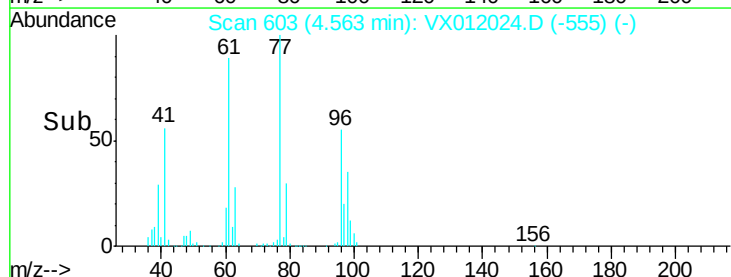
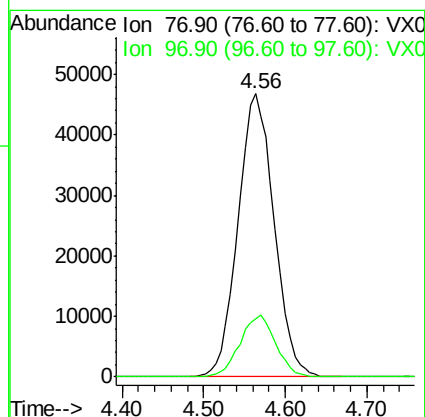
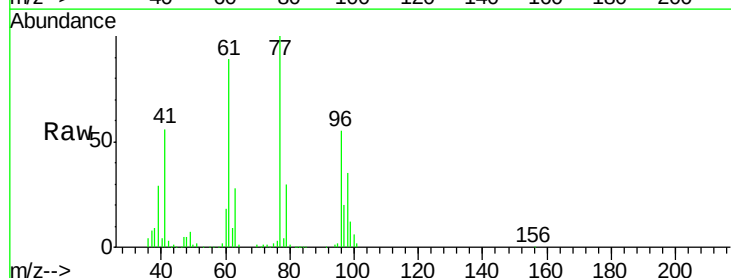
Acq: 03 Sep 2019 15:44

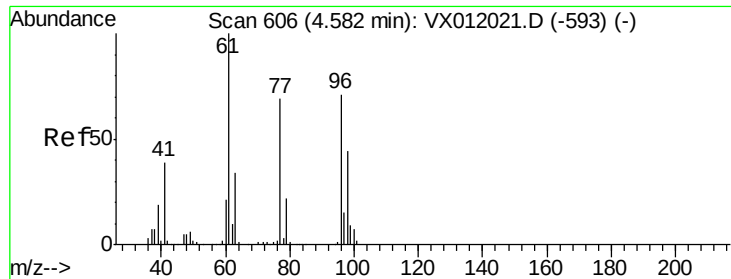
Tgt Ion: 77 Resp: 143571

Ion Ratio Lower Upper

77 100

97 21.7 11.5 34.5





#27

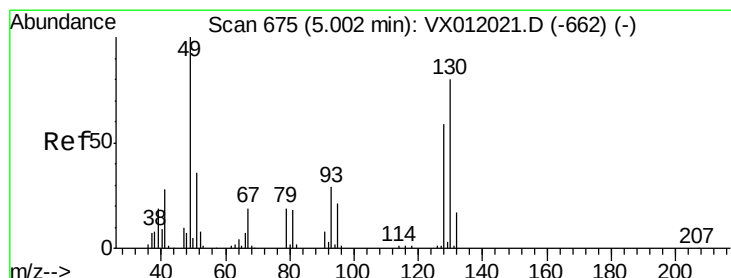
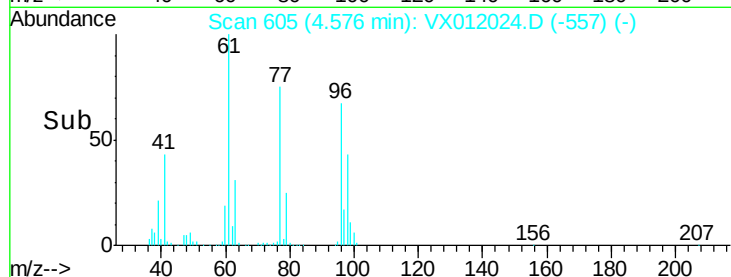
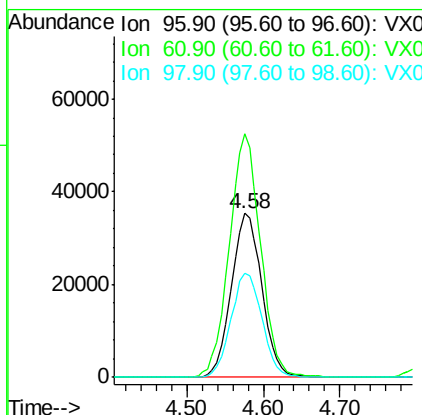
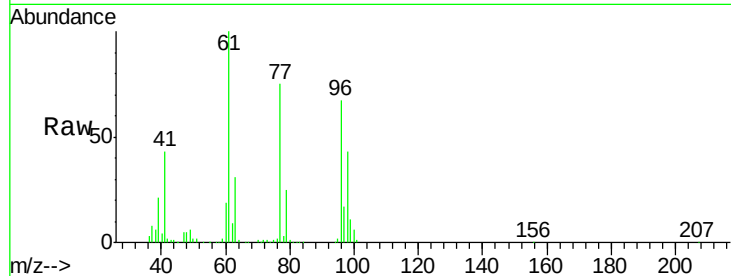
cis-1,2-Dichloroethene
 Concen: 52.679 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	152.0	0.0	277.0	
98	64.9	0.0	128.4	

Manual Integrations
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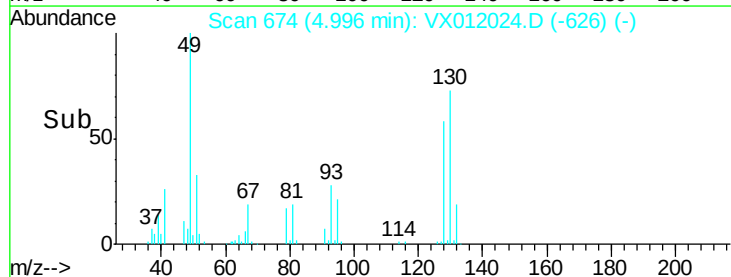
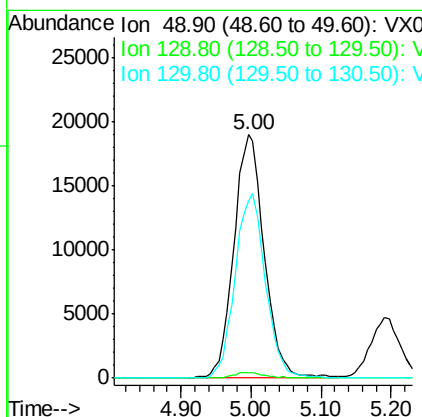
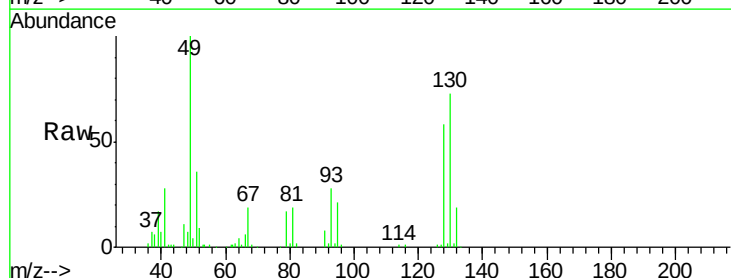
sam
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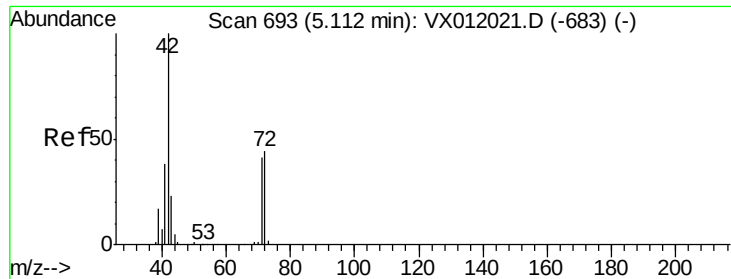


#28

Bromochloromethane
 Concen: 49.711 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	5.6	
130	75.8	76.7	115.1#	





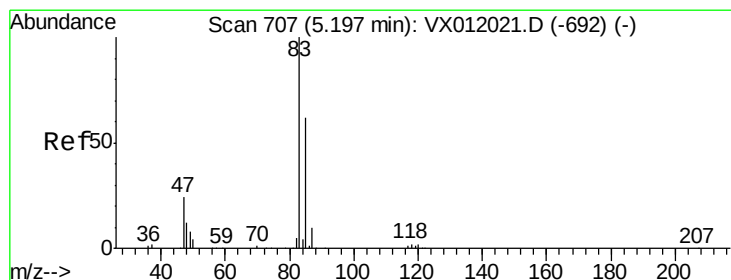
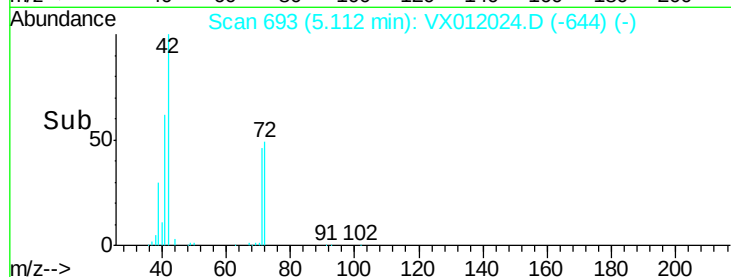
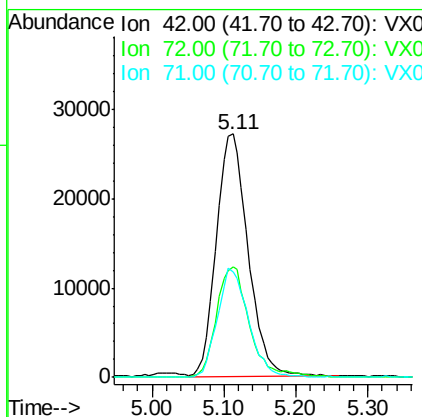
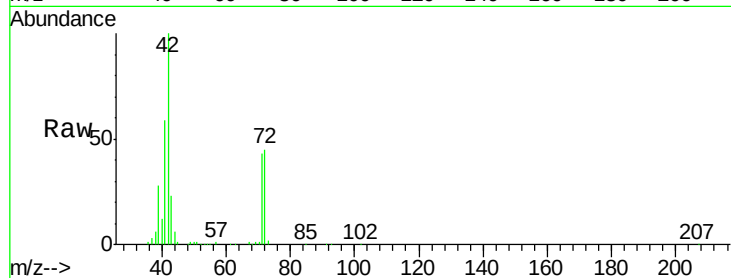
#29
Tetrahydrofuran
Concen: 239.800 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.0	55.4
71	44.1	33.8	50.8

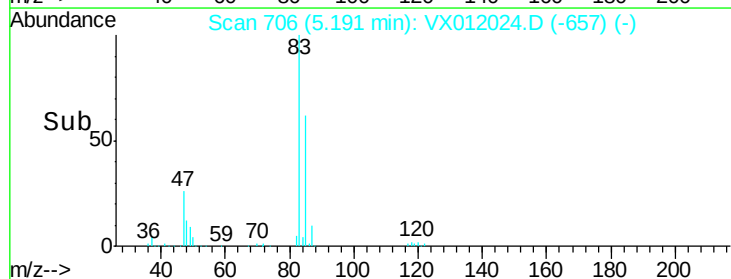
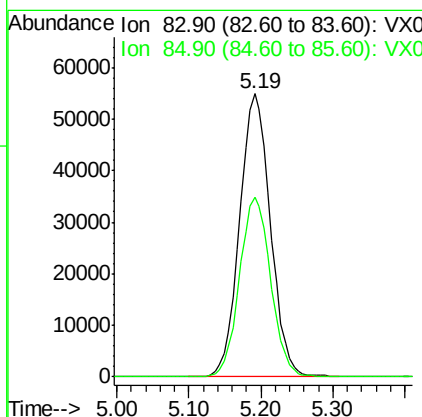
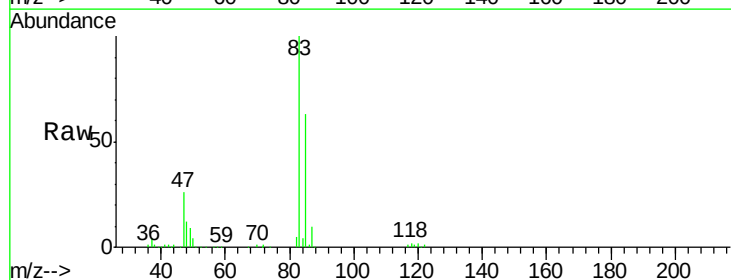
Manual Integrations
APPROVED

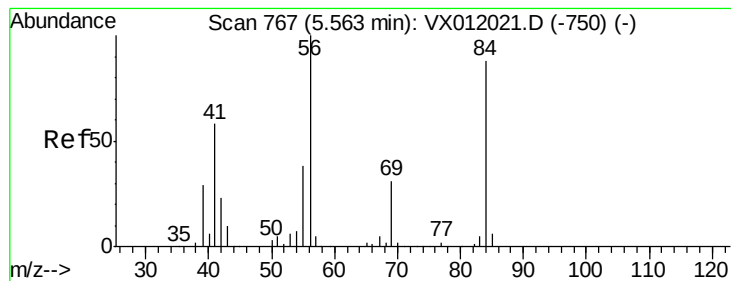
sam
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#30
Chloroform
Concen: 52.560 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.6	78.8





#31

Cyclohexane

Concen: 52.121 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

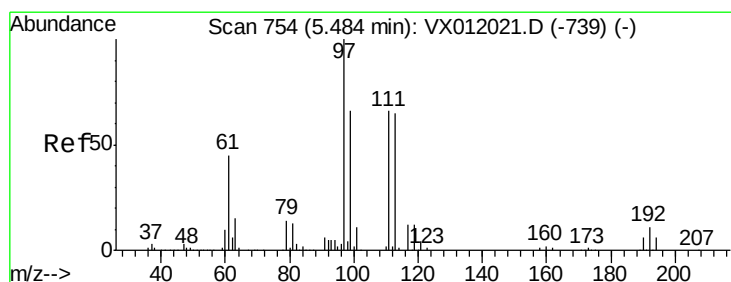
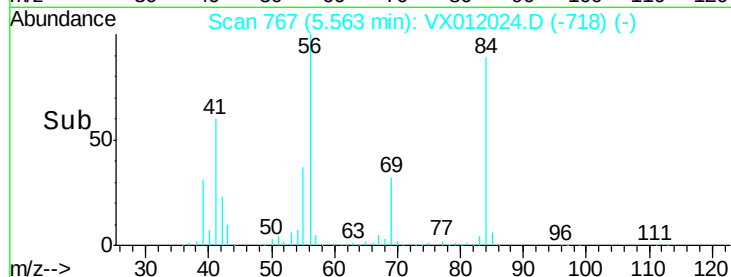
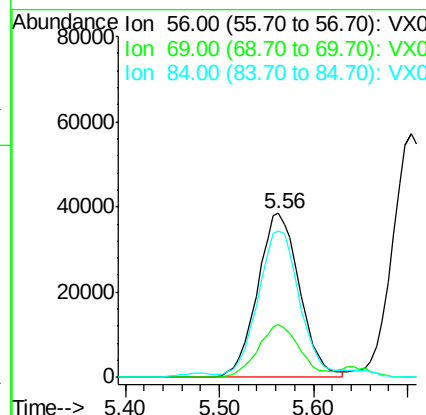
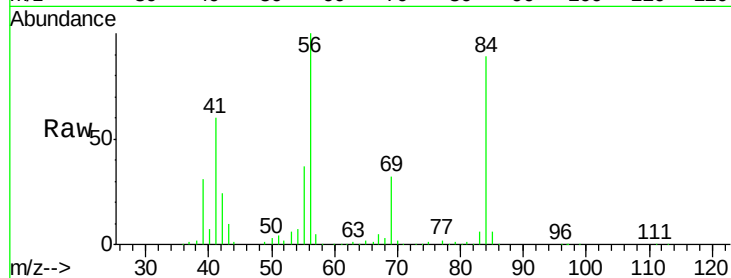
ClientSampleId :

ICVVX090319

Tot Ion:	56	Resp:	120837
Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.7	38.5
84	86.4	70.3	105.5

Manual Integrations
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sam
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#32

1,1,1-Trichloroethane

Concen: 52.561 ug/l

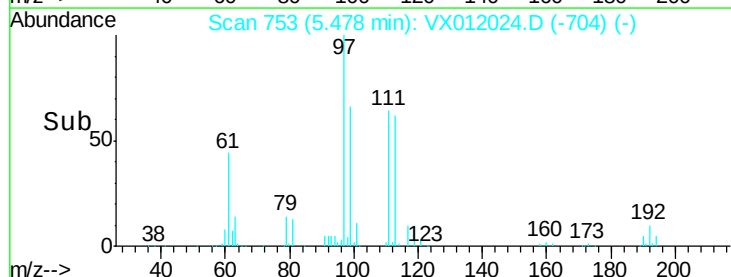
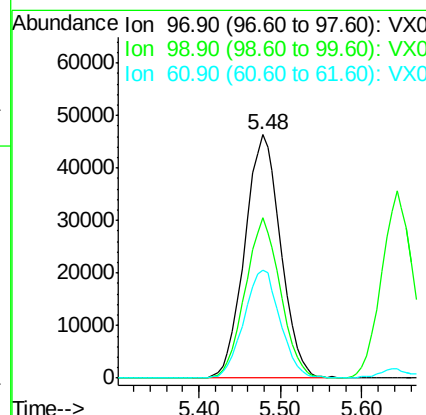
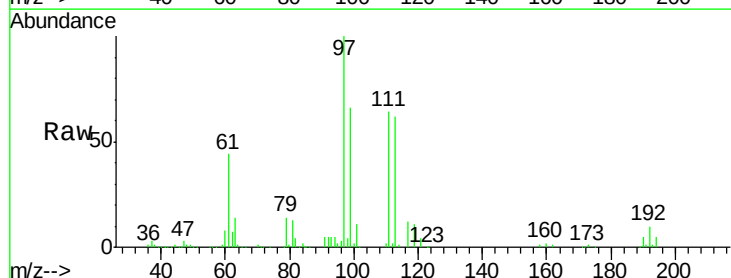
RT: 5.48 min Scan# 753

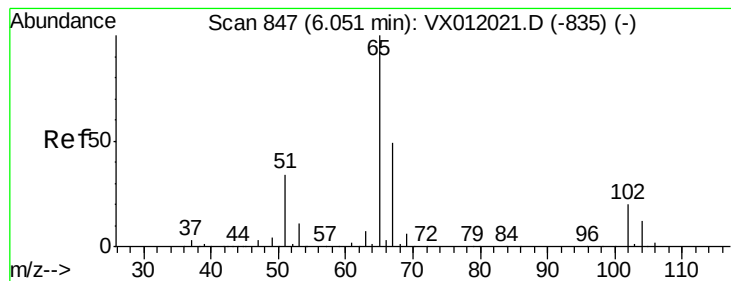
Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion:	97	Resp:	141795
Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.1	78.1
61	44.8	32.8	49.2





#33

1,2-Dichloroethane-d4

Concen: 52.887 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion: 65 Resp: 100011

Ion Ratio Lower Upper

65 100

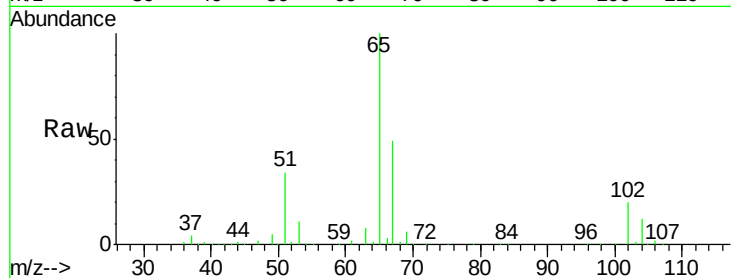
67 50.4 0.0 102.0

Manual Integrations

APPROVED

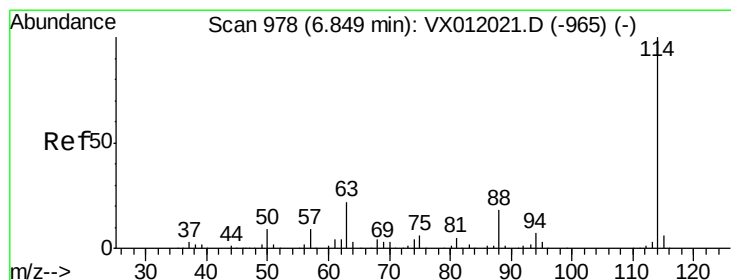
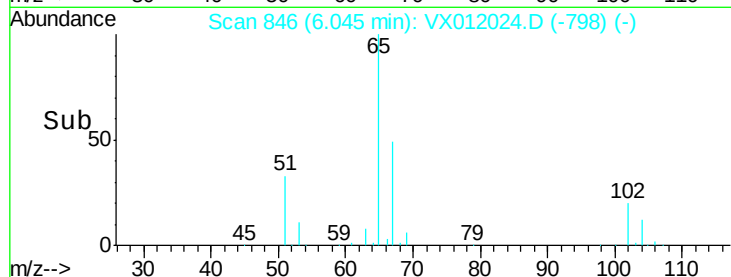
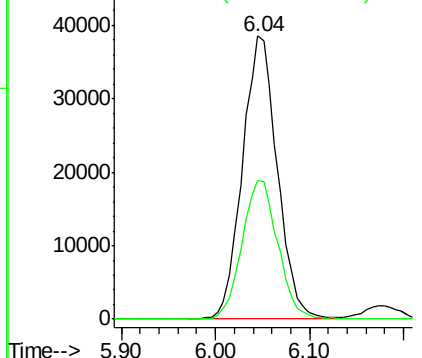
sam

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

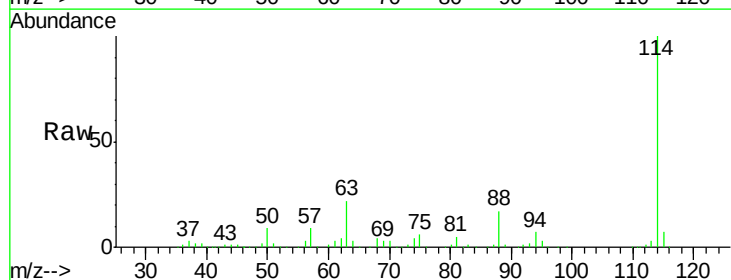
Tgt Ion: 114 Resp: 253370

Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.4

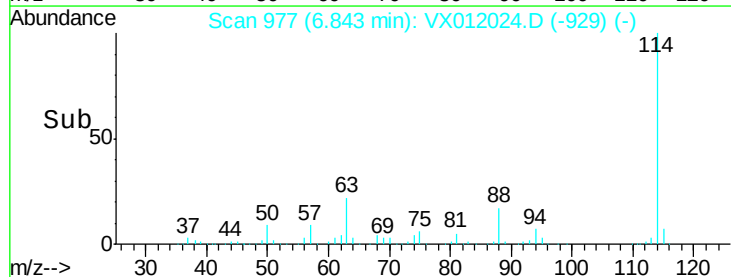
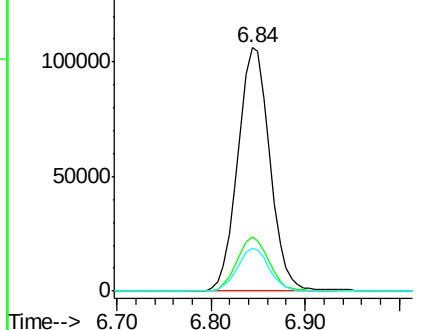
88 17.4 0.0 29.6

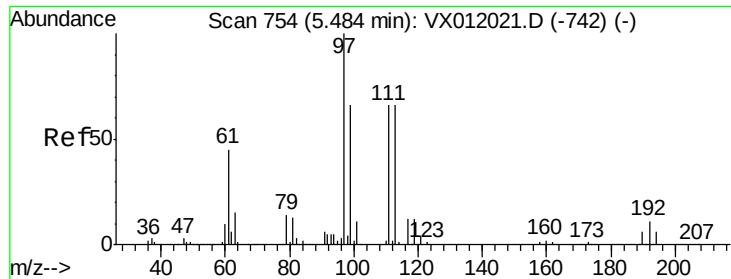


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.661 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

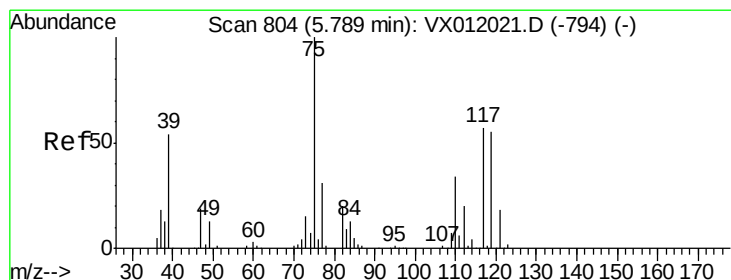
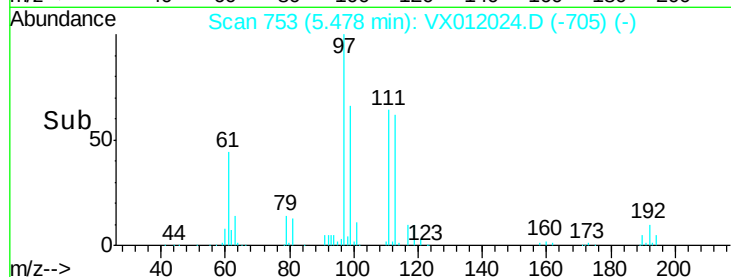
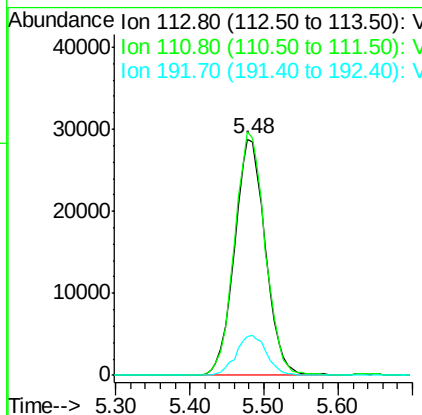
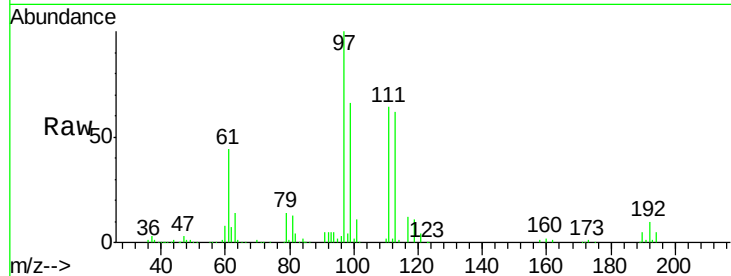
ClientSampleId :

ICVVX090319

Tot Ion:	113	Resp:	83612
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	16.9	22.5	33.7#

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.538 ug/l

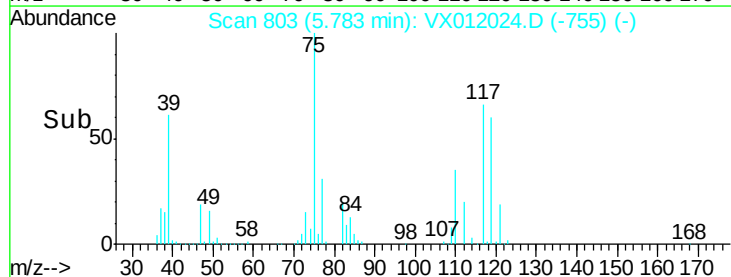
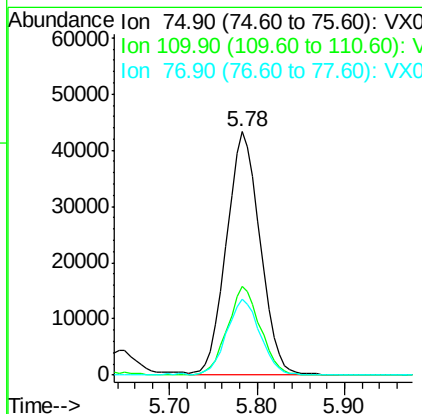
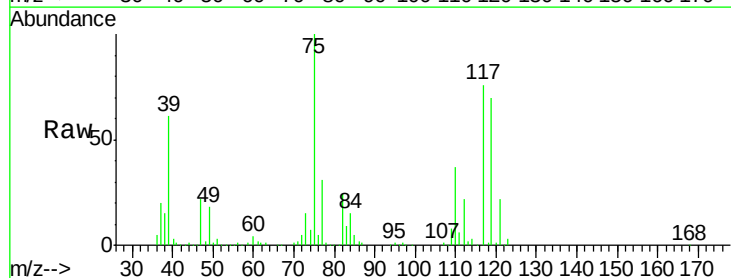
RT: 5.78 min Scan# 803

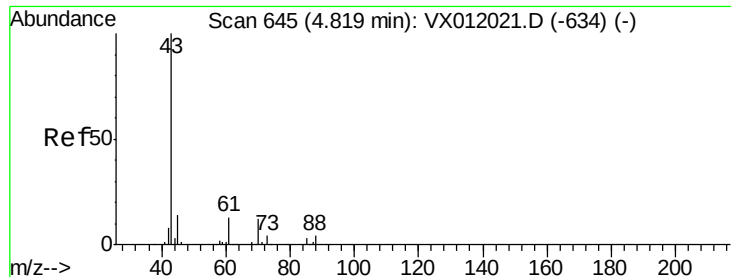
Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion:	75	Resp:	115009
Ion	Ratio	Lower	Upper
75	100		
110	35.8	19.5	58.5
77	30.6	24.6	37.0





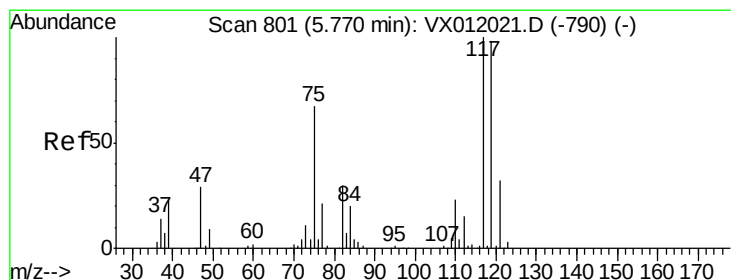
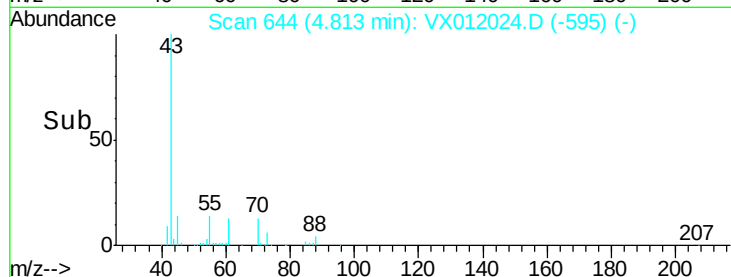
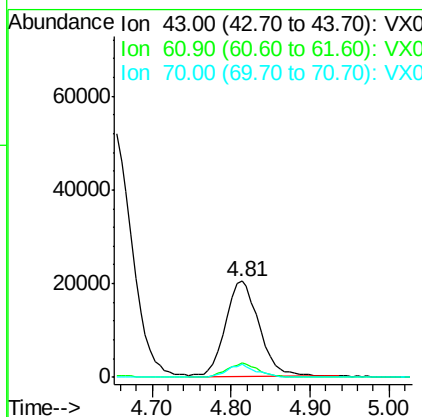
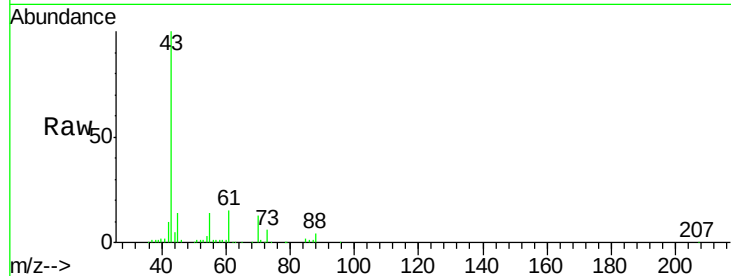
#37
Ethyl Acetate
Concen: 49.532 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.9	16.3
70	12.3	9.4	14.0

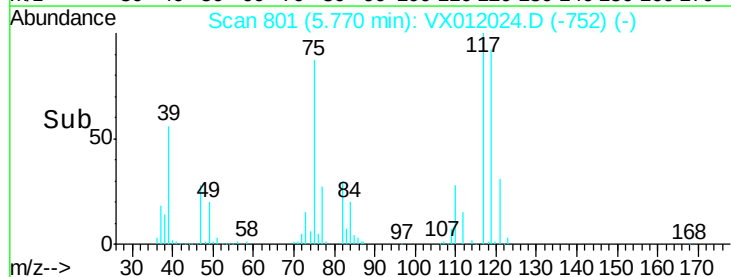
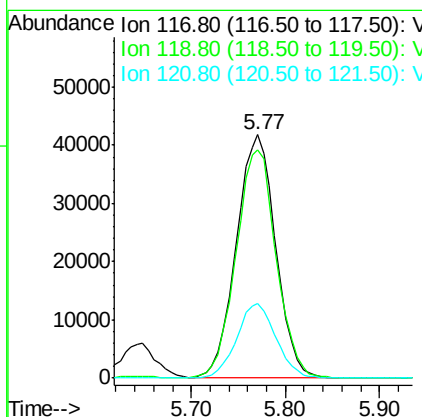
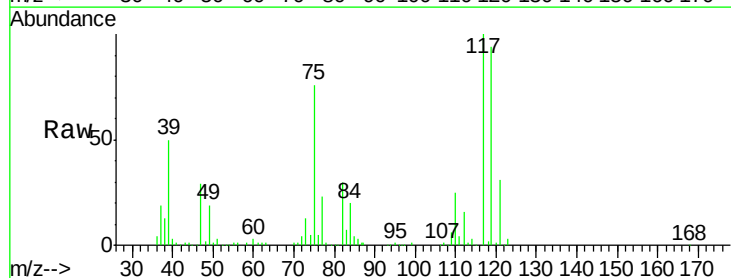
Manual Integrations
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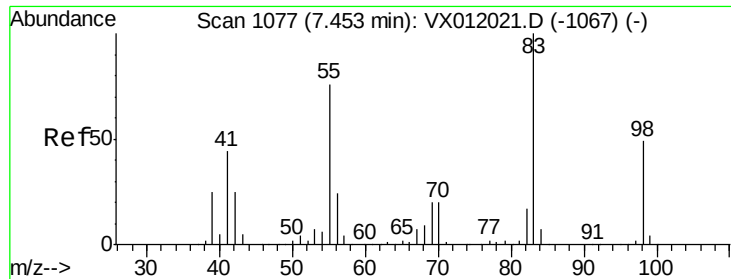
sam
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#38
Carbon Tetrachloride
Concen: 51.551 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.3	117.5
121	30.8	24.2	36.2





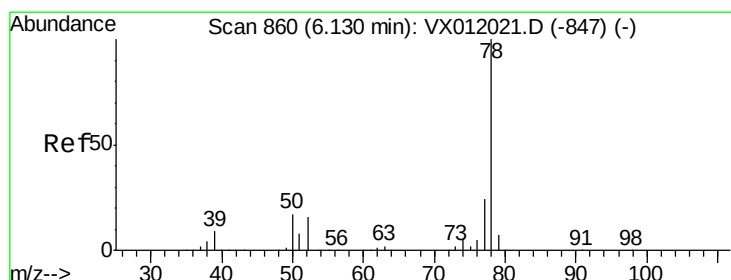
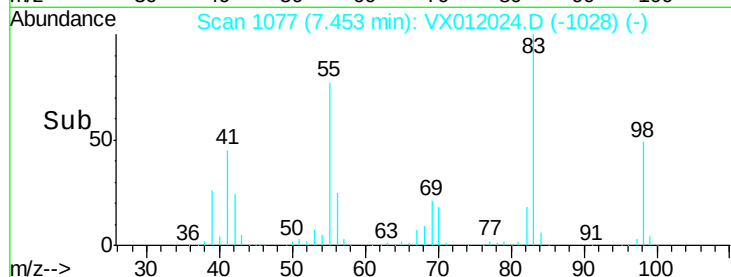
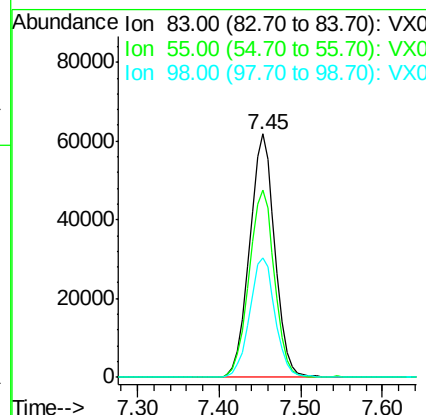
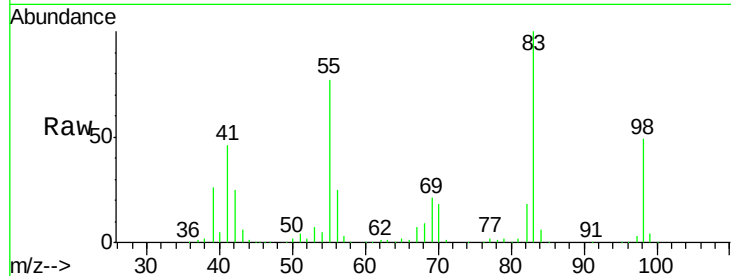
#39
Methylvlcyclohexane
Concen: 51.249 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tot Ion	83	Resp	132733
Ion Ratio	Lower	Upper	
83	100		
55	77.1	59.6	89.4
98	49.1	41.4	62.0

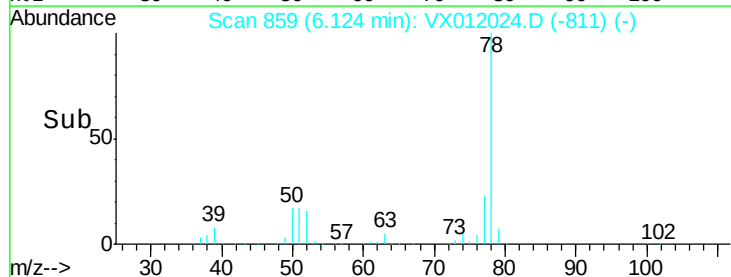
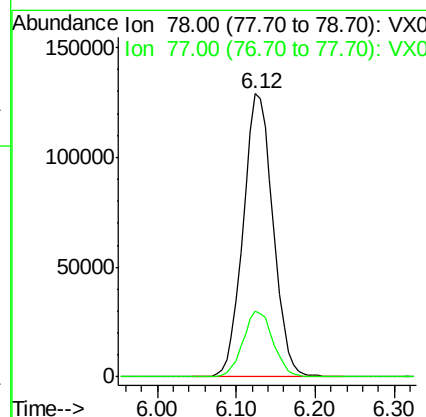
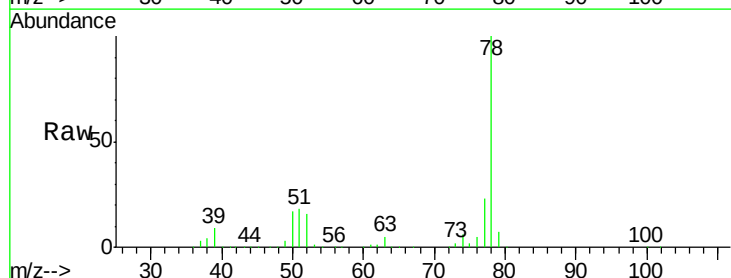
Manual Integrations
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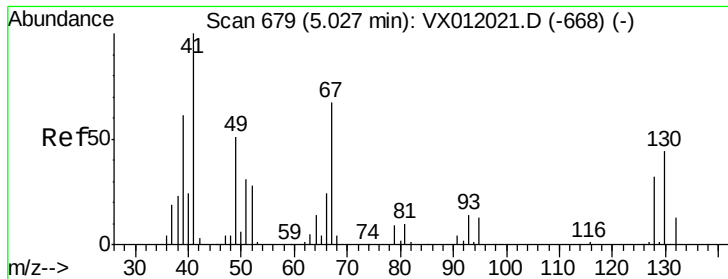
sam
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#40
Benzene
Concen: 53.124 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion	78	Resp	340329
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.3	28.9





#41

Methacrylonitrile

Concen: 49.806 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion: 41 Resp: 36043

Ion Ratio Lower Upper

41 100

39 56.3 46.7 70.1

67 71.1 57.0 85.6

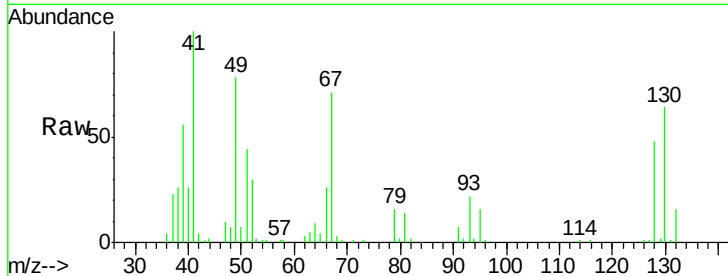
52 32.3 23.5 35.3

Manual Integrations

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sam

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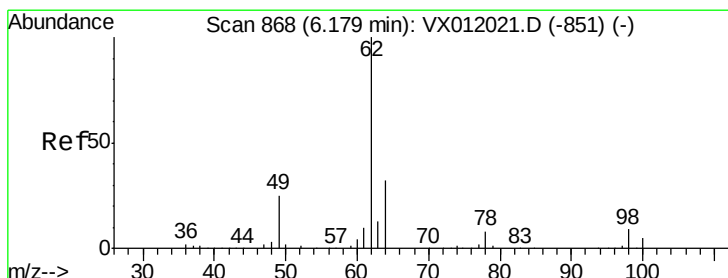
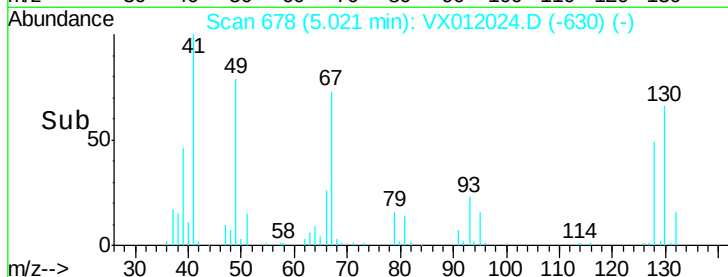
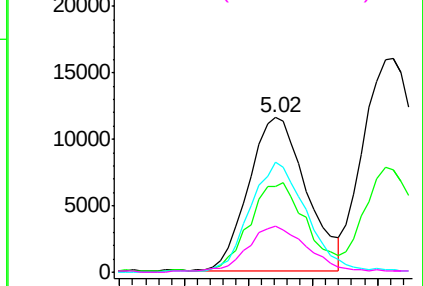


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.479 ug/l

RT: 6.17 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX012024.D

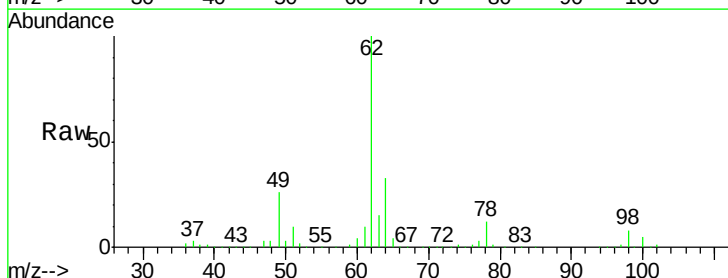
Acq: 03 Sep 2019 15:44

Tgt Ion: 62 Resp: 120987

Ion Ratio Lower Upper

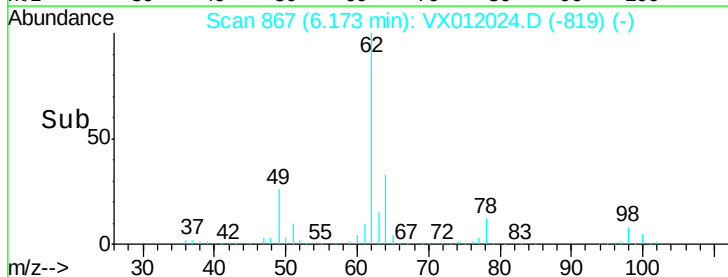
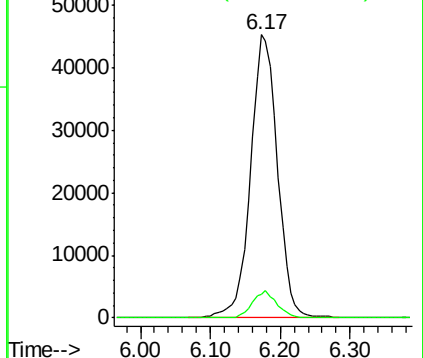
62 100

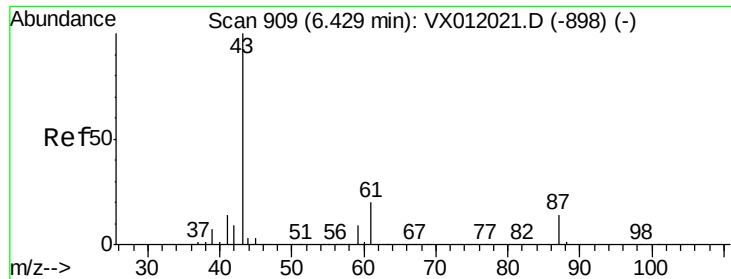
98 8.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.494 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

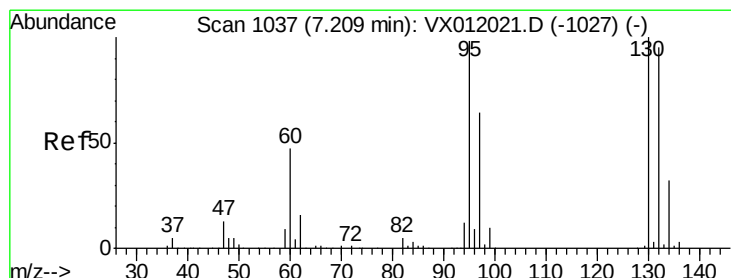
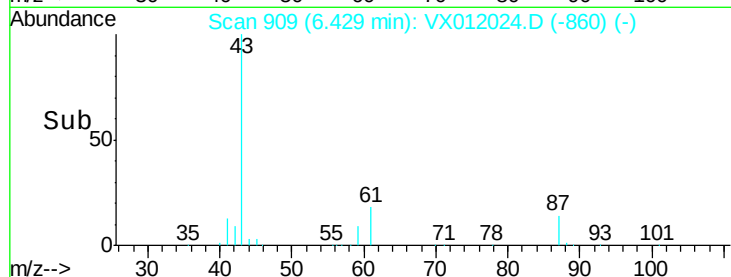
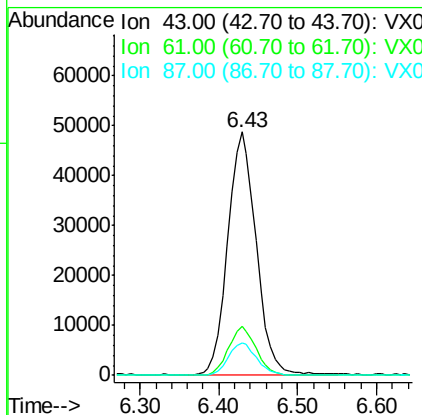
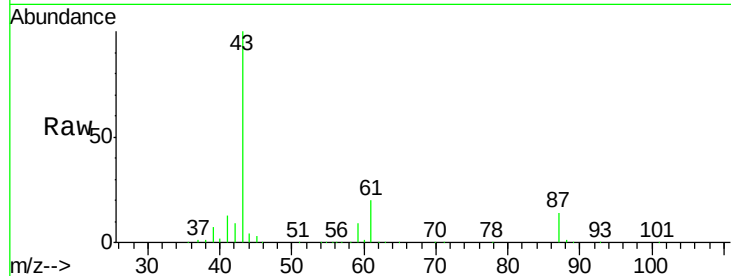
ClientSampleId :

ICVVX090319

Tot Ion:	43	Resp:	122123
Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.1	24.1
87	13.5	11.3	16.9

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#44

Trichloroethene

Concen: 52.064 ug/l

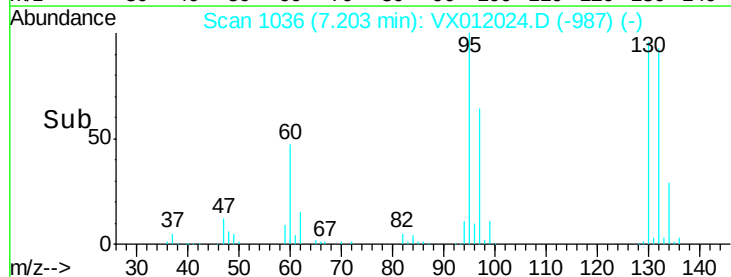
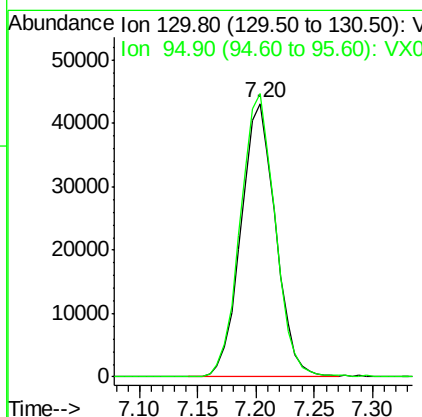
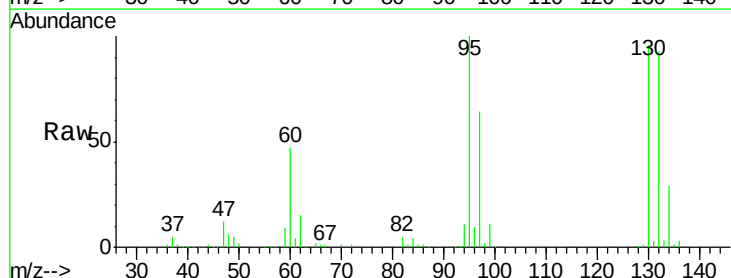
RT: 7.20 min Scan# 1036

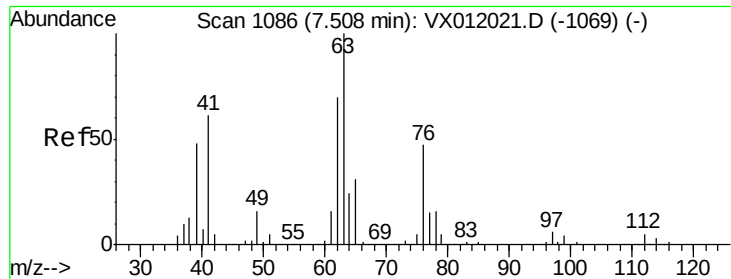
Delta R.T. -0.00 min

Lab File: VX012024.D

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Tgt Ion:	130	Resp:	89963
Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	176.4





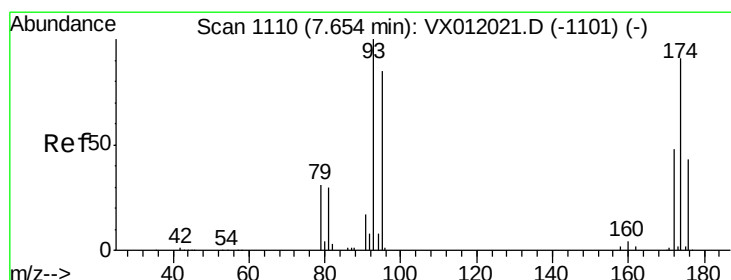
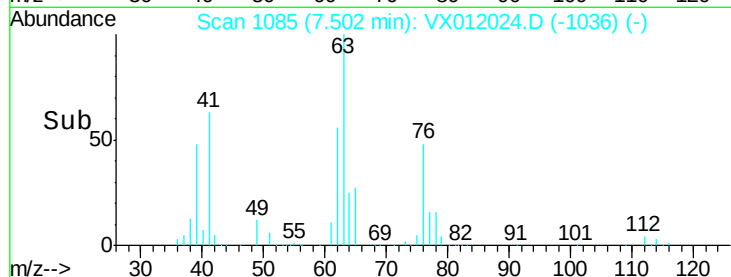
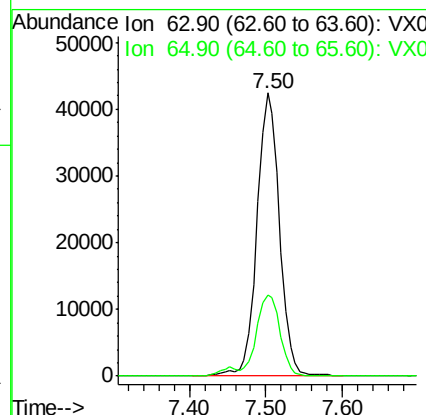
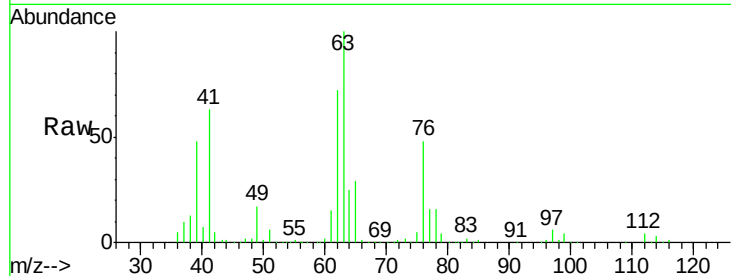
#45
 1,2-Dichloropropane
 Concen: 52.818 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

Tot Ion: 63 Resp: 87423
 Ion Ratio Lower Upper
 63 100
 65 28.4 25.0 37.6

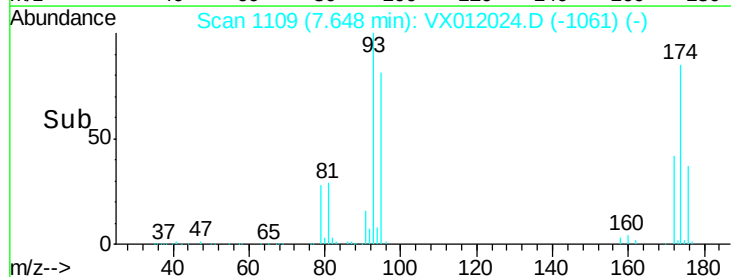
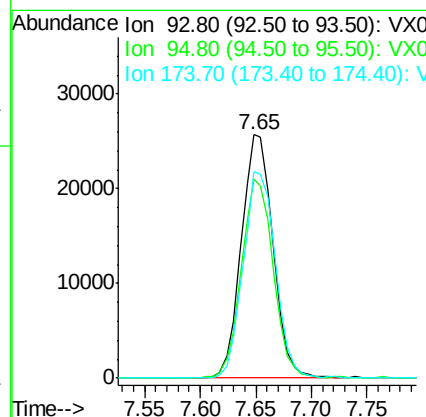
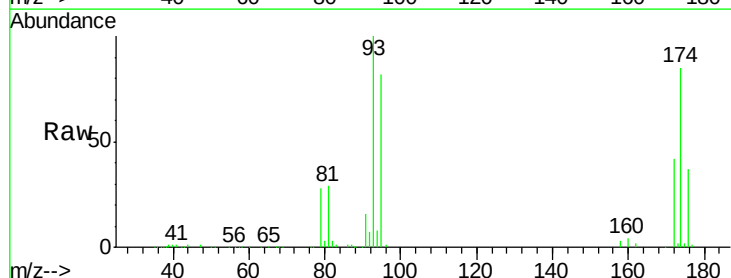
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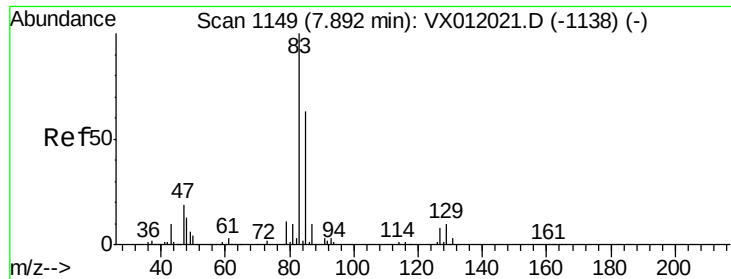
sam
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#46
 Dibromomethane
 Concen: 52.608 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion: 93 Resp: 50831
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.2 99.2
 174 86.6 110.2 165.4#





#47

Bromodichloromethane

Concen: 52.029 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

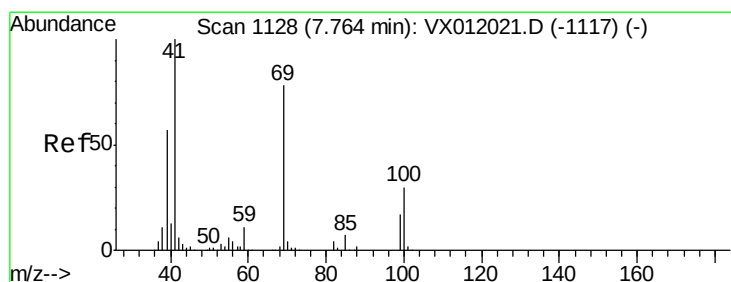
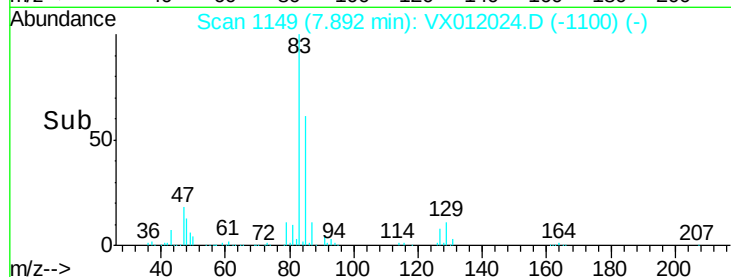
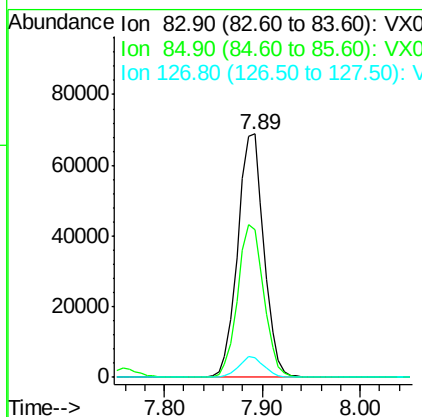
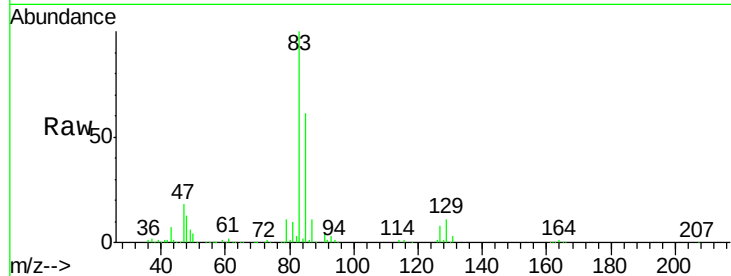
ClientSampleId :

ICVVX090319

Tot Ion:	83	Resp:	127783
Ion	Ratio	Lower	Upper
83	100		
85	60.7	50.3	75.5
127	8.2	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.218 ug/l

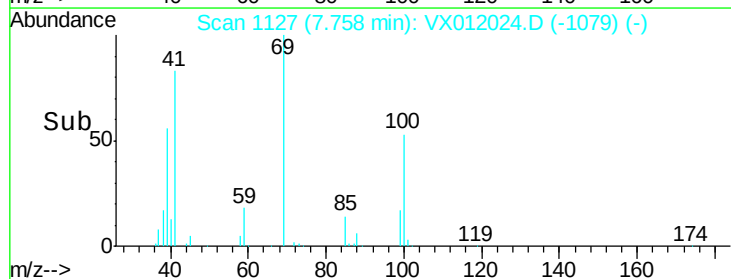
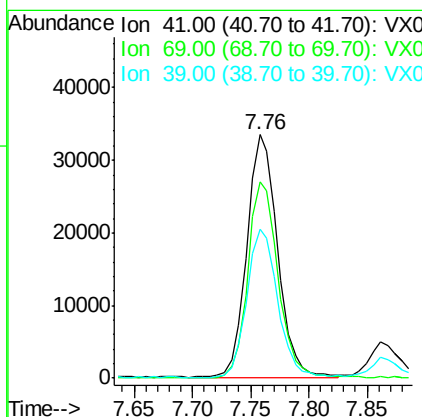
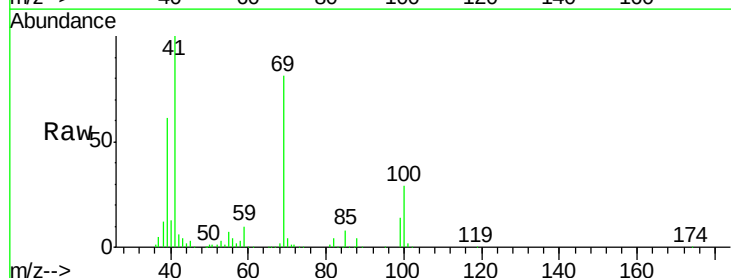
RT: 7.76 min Scan# 1127

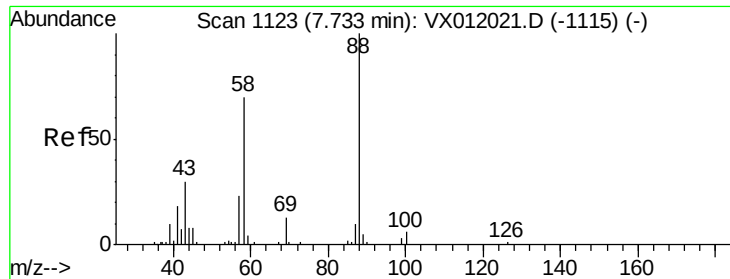
Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion:	41	Resp:	61062
Ion	Ratio	Lower	Upper
41	100		
69	80.9	66.3	99.5
39	61.8	48.1	72.1





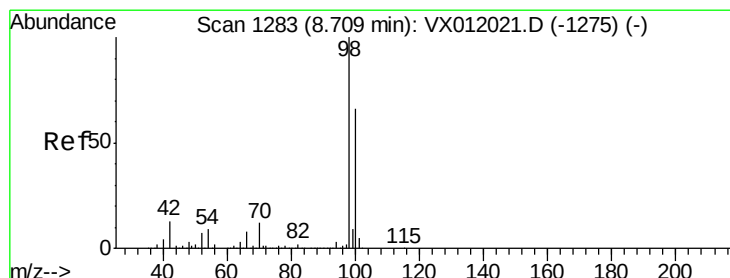
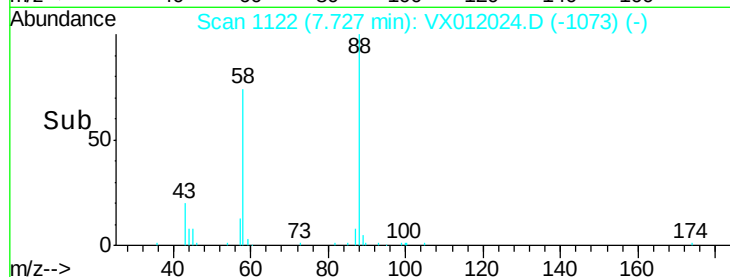
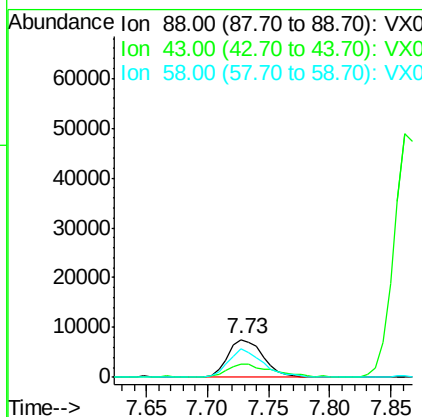
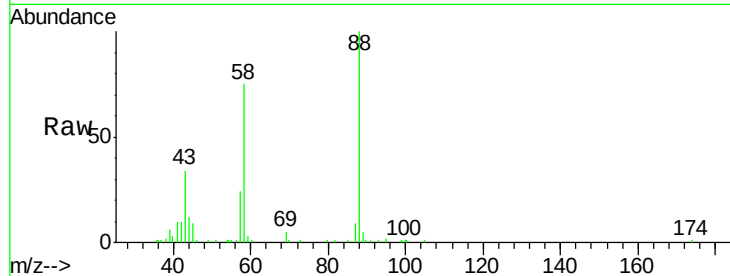
#49
1,4-Dioxane
Concen: 908.665 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.6	29.8	44.6
58	75.2	55.4	83.2

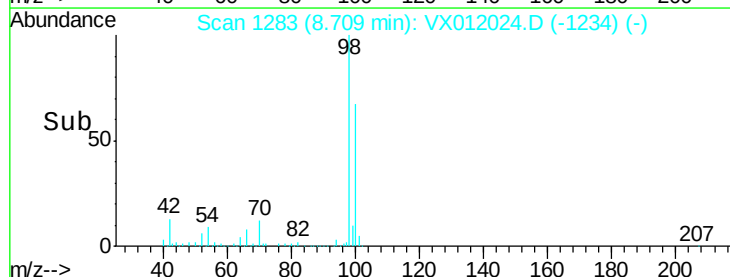
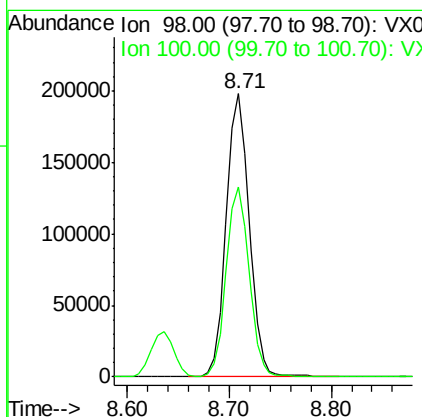
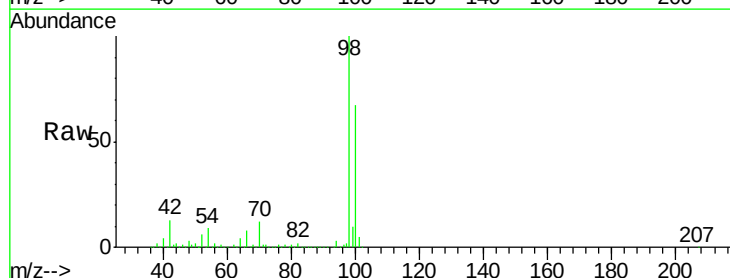
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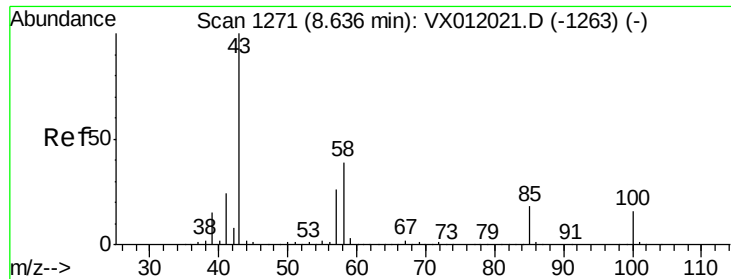
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#50
Toluene-d8
Concen: 54.297 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 238.223 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion: 43 Resp: 298979

Ion Ratio Lower Upper

43 100

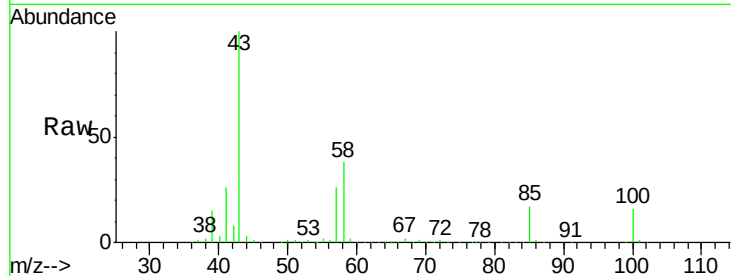
58 39.3 31.5 47.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

200000

150000

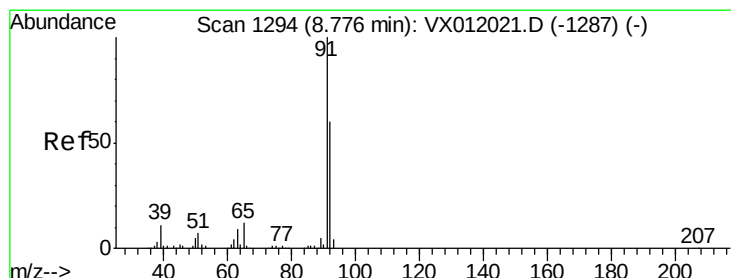
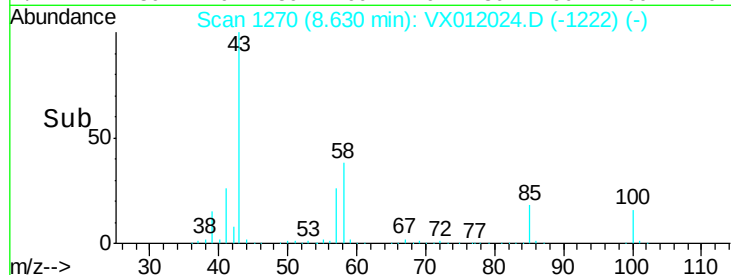
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 53.106 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012024.D

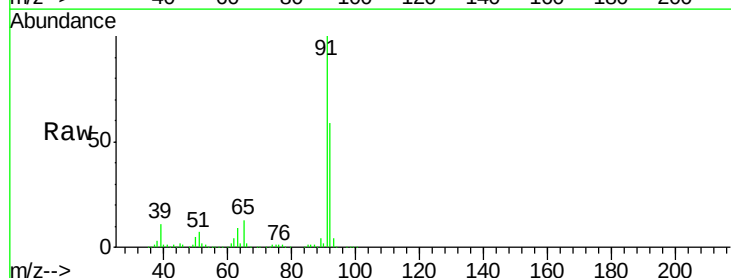
Acq: 03 Sep 2019 15:44

Tgt Ion: 92 Resp: 221361

Ion Ratio Lower Upper

92 100

91 168.3 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

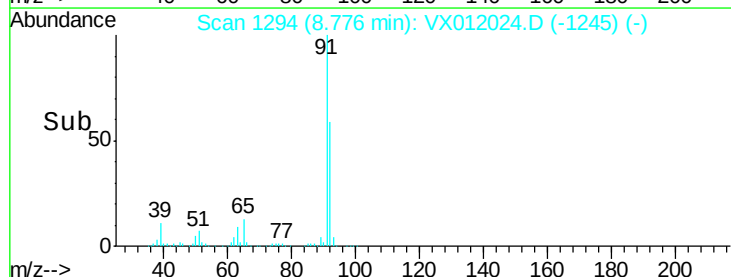
100000

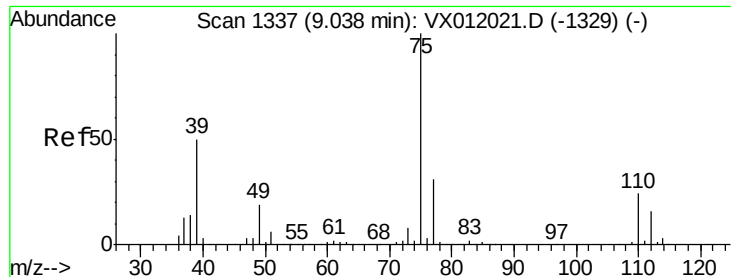
50000

0

8.70 8.80 8.90

Time-->





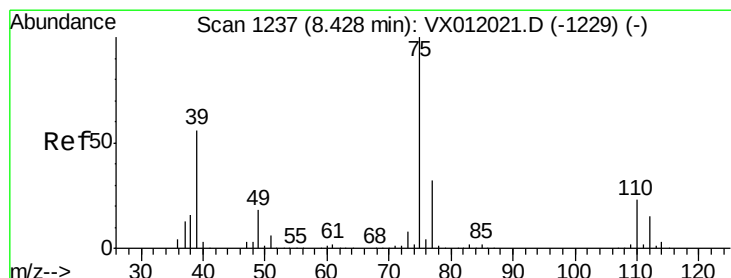
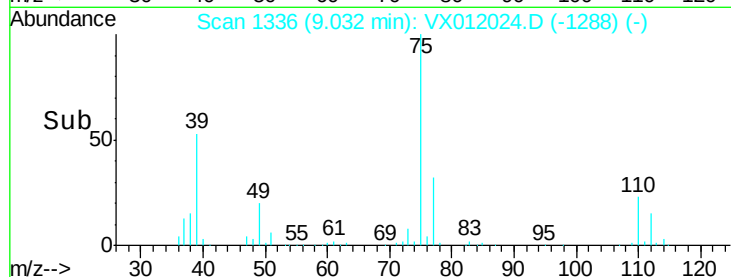
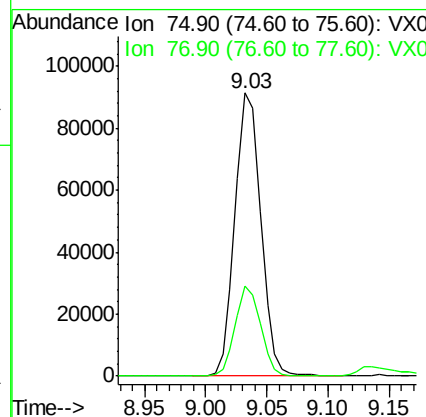
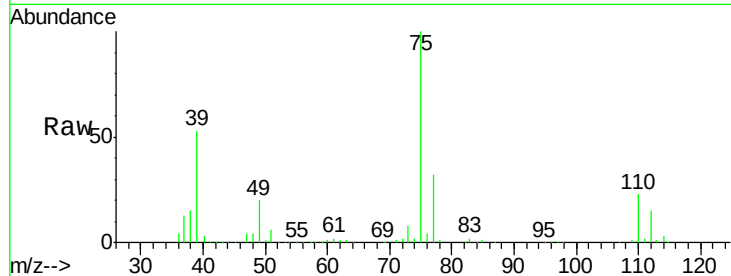
#53
 t-1,3-Dichloropropene
 Concen: 52.660 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

Tot Ion: 75 Resp: 133899
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7

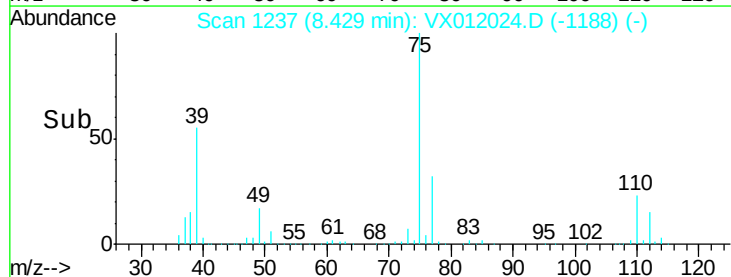
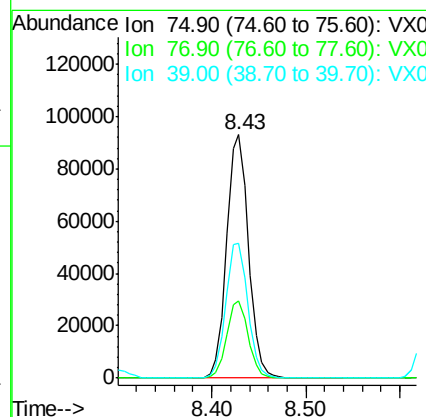
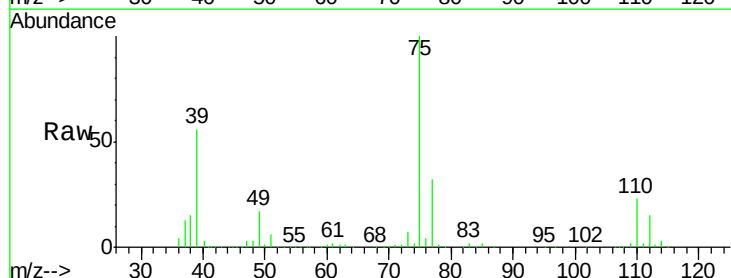
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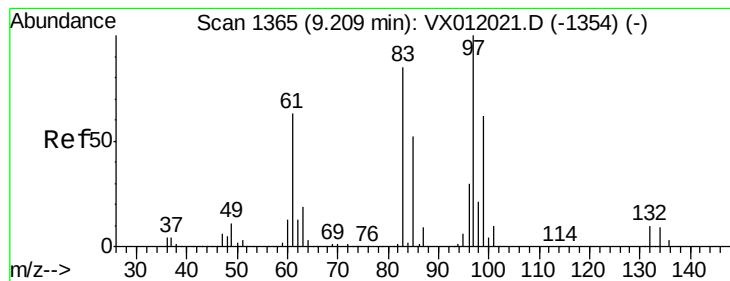
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 52.982 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion: 75 Resp: 149810
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 55.4 43.0 64.4





#55

1,1,2-Trichloroethane

Concen: 49.917 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

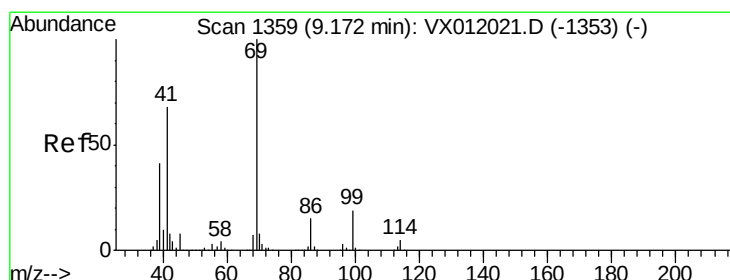
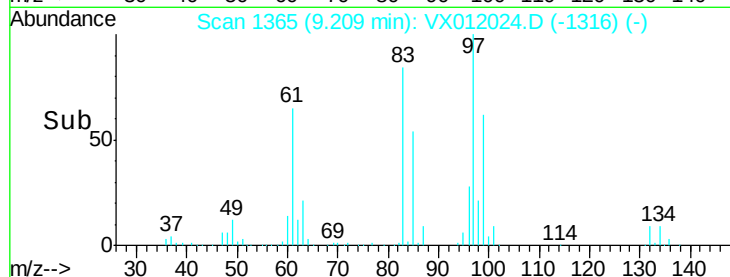
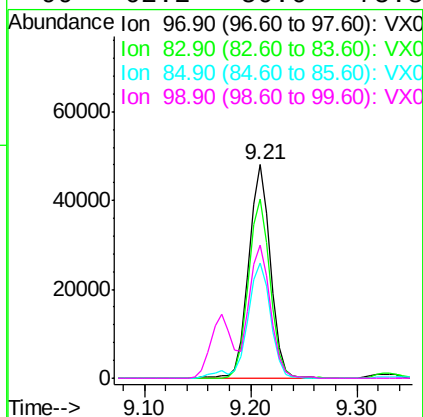
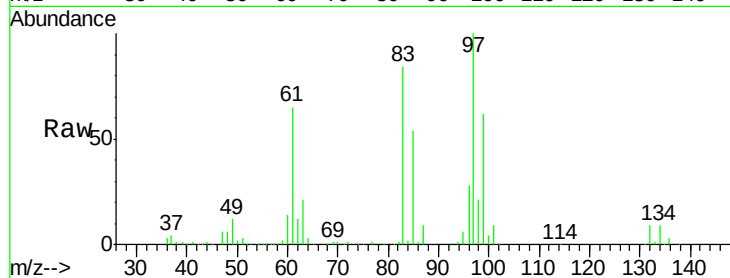
ICVVX090319

Tot Ion:	97	Resp:	68954
Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.0	99.0
85	53.9	41.0	61.6
99	62.2	50.6	75.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 50.625 ug/l

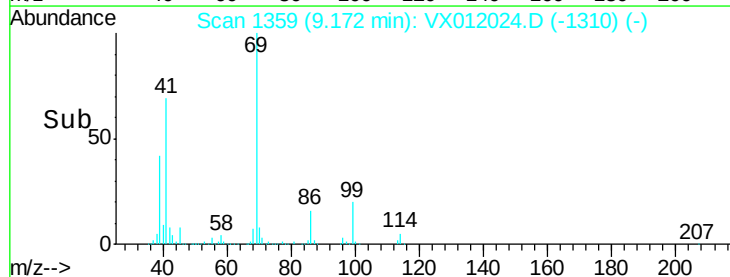
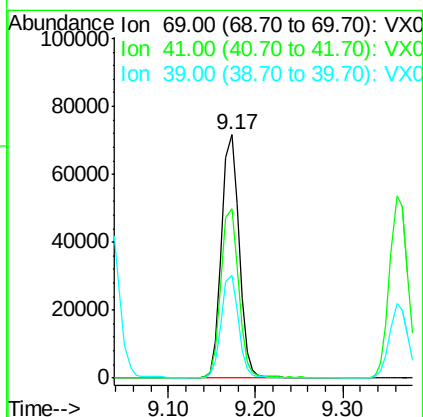
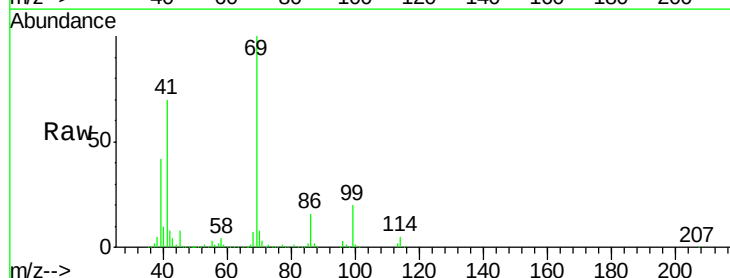
RT: 9.17 min Scan# 1359

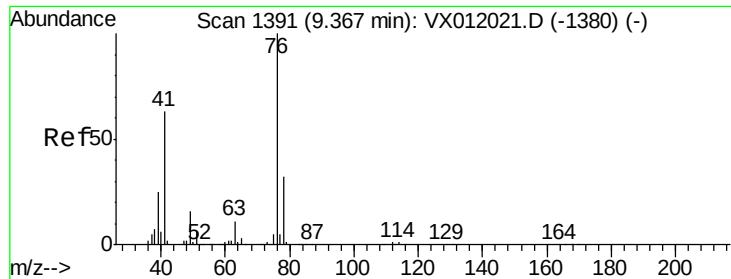
Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion:	69	Resp:	100170
Ion	Ratio	Lower	Upper
69	100		
41	69.0	53.9	80.9
39	41.0	31.1	46.7





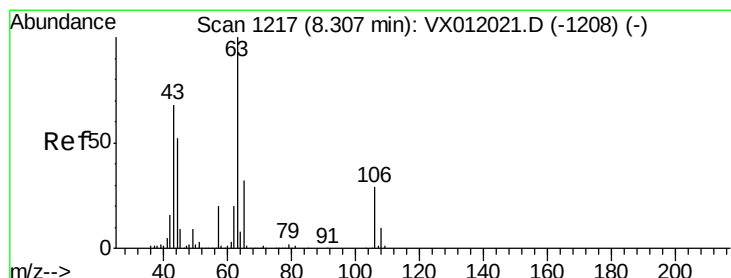
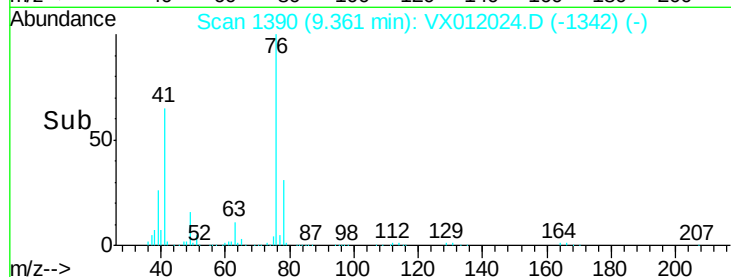
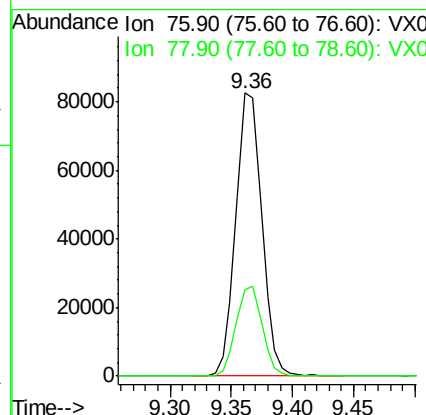
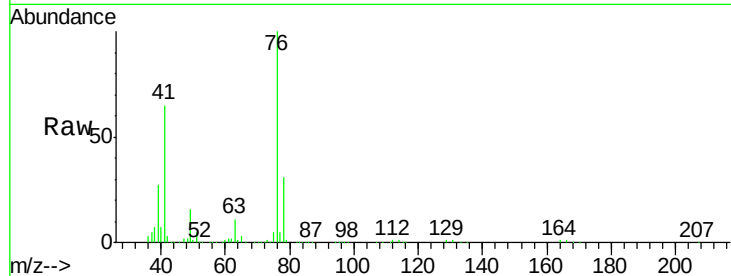
#57
 1,3-Dichloropropane
 Concen: 51.119 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

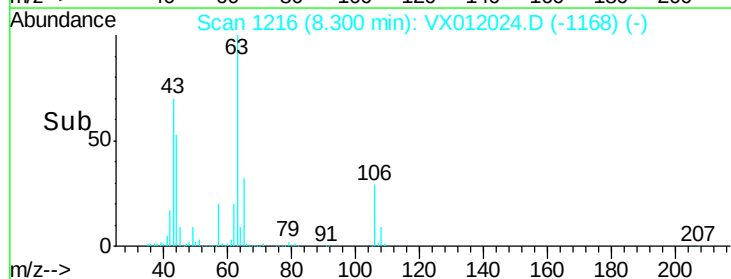
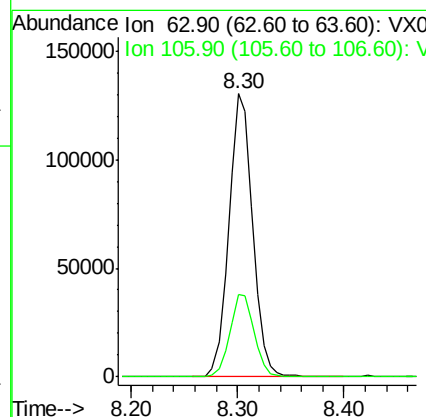
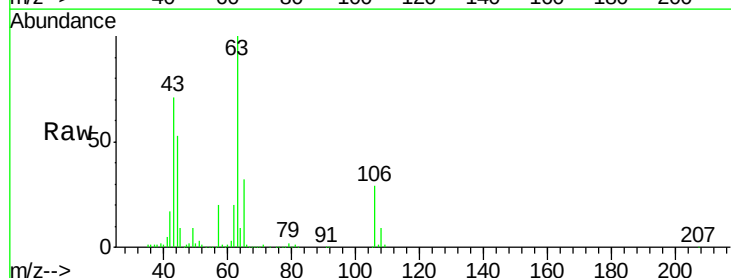
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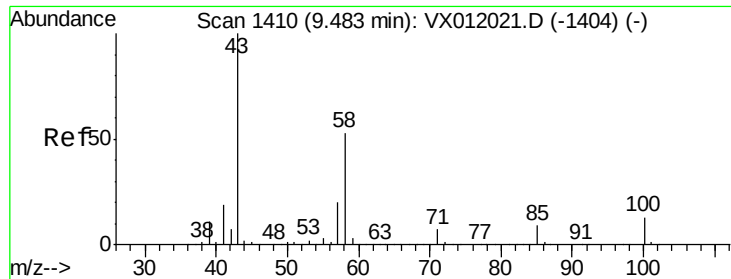
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#58
 2-Chloroethyl Vinyl ether
 Concen: 226.837 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	26.5	39.7





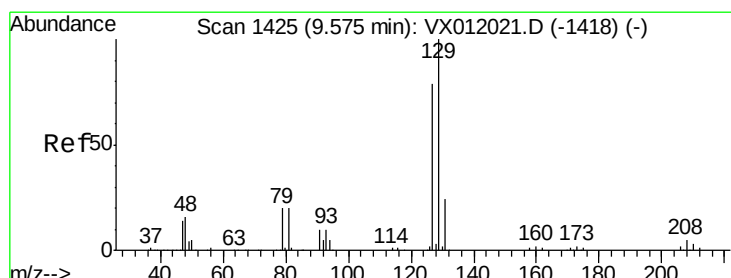
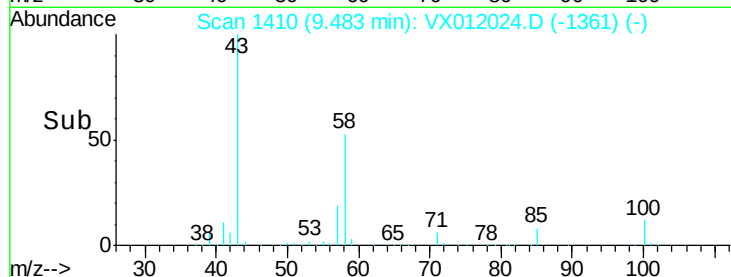
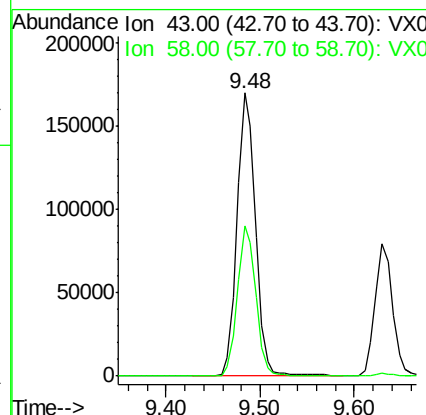
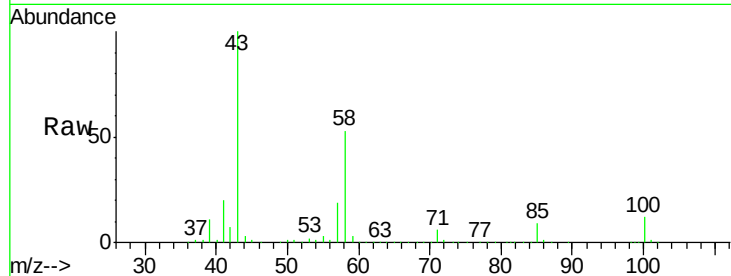
#59
2-Hexanone
Concen: 251.857 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.3	27.2	81.6

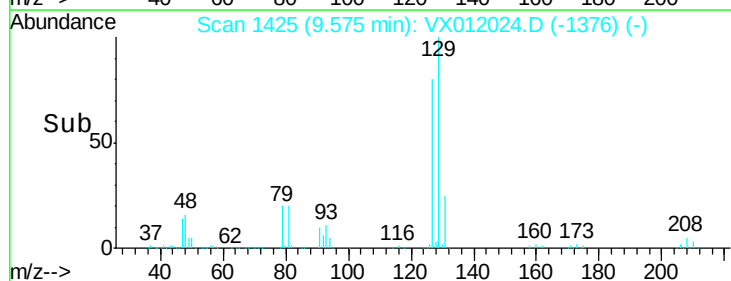
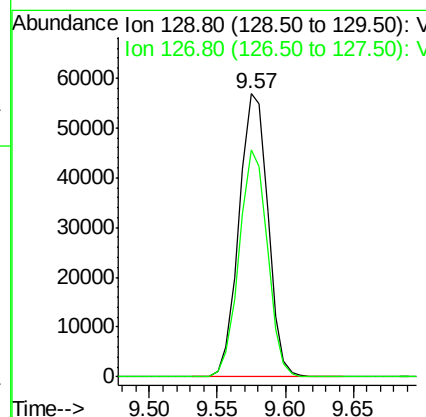
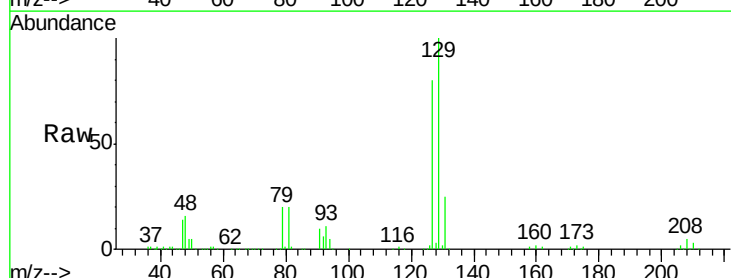
Manual Integrations
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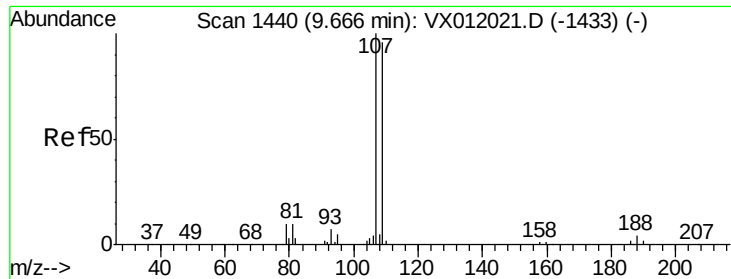
sam
9/4/2019 4:46:28 PM



#60
Dibromochloromethane
Concen: 51.351 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.1	114.5





#61

1,2-Dibromoethane

Concen: 51.207 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion:107 Resp: 68352

Ion Ratio Lower Upper

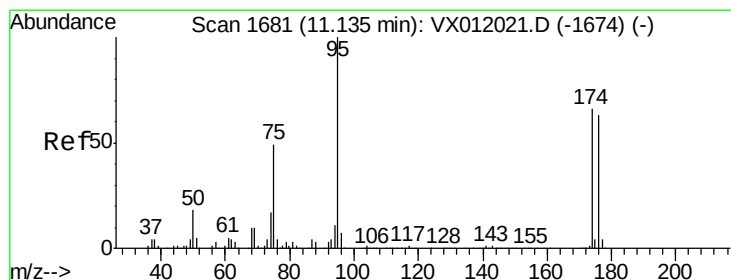
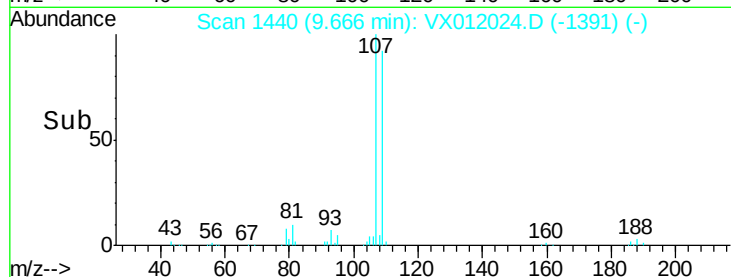
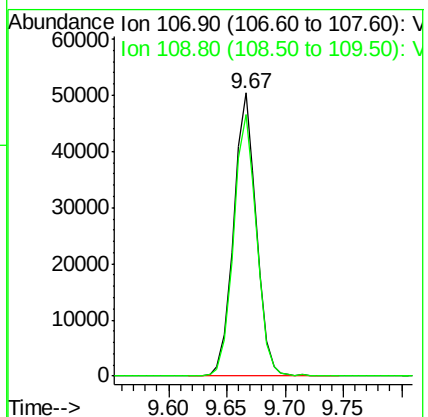
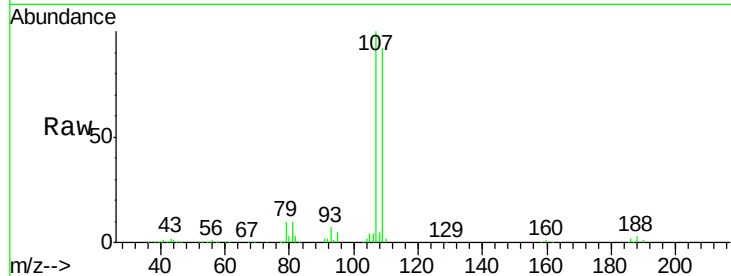
107 100

109 94.0 76.9 115.3

Manual Integrations
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sam

9/4/2019 4:46:28 PM



#62

4-Bromofluorobenzene

Concen: 50.337 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

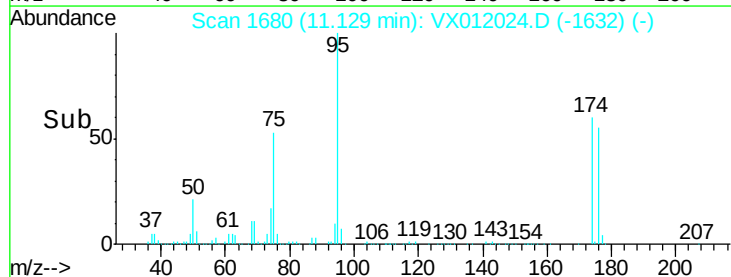
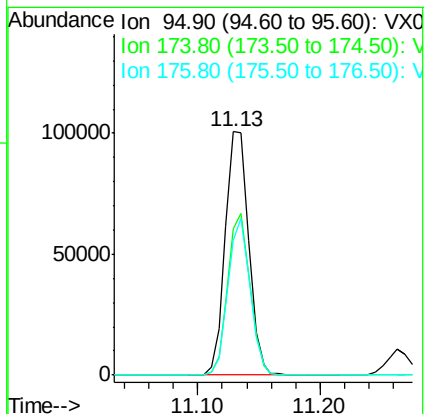
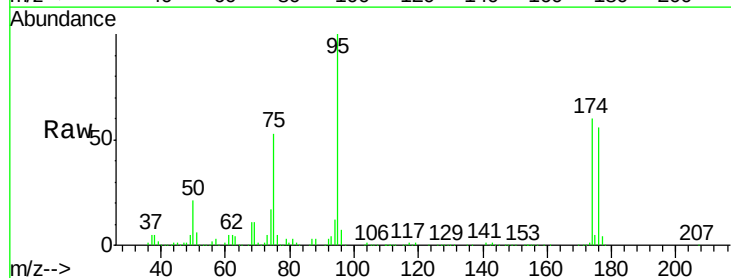
Tgt Ion: 95 Resp: 133849

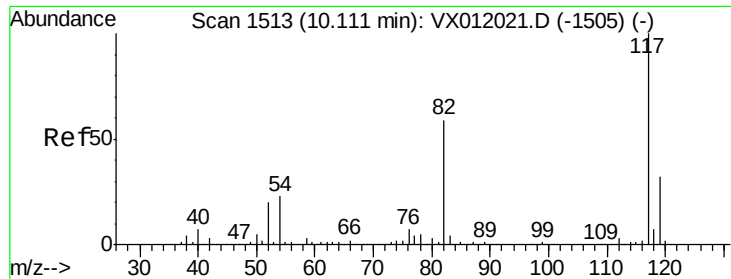
Ion Ratio Lower Upper

95 100

174 63.0 0.0 205.4

176 60.5 0.0 201.8





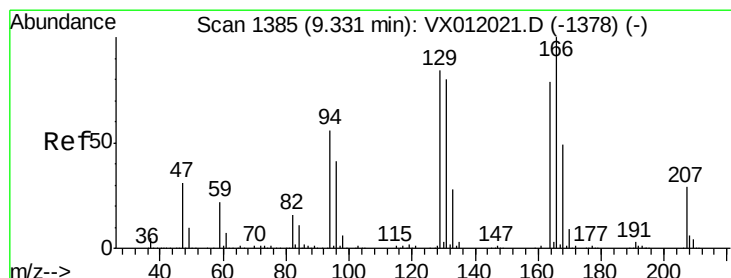
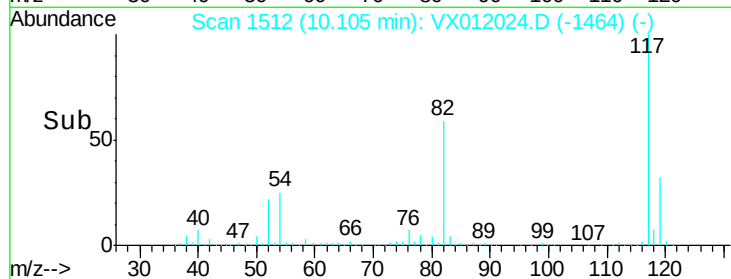
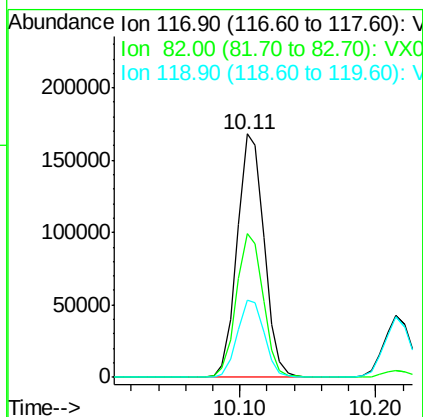
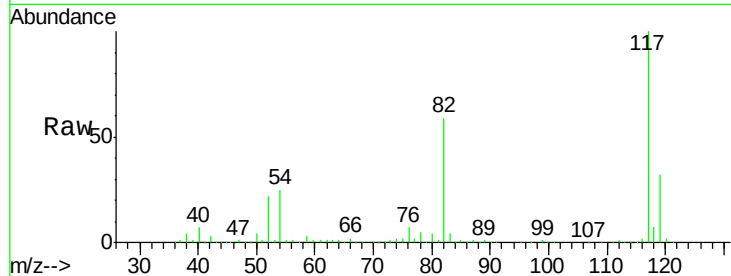
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	39.4	59.0#
119	31.8	26.1	39.1

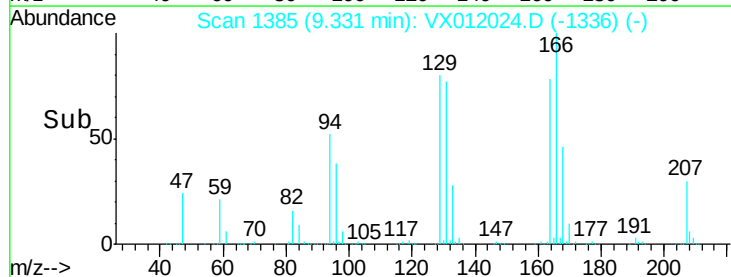
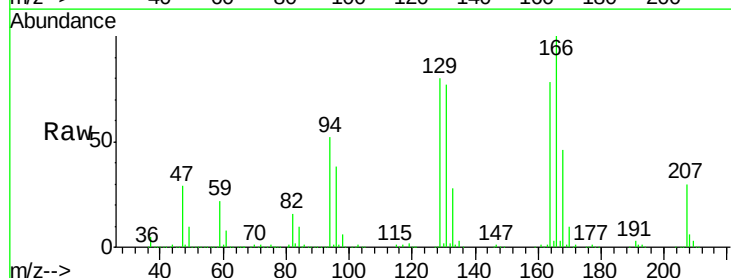
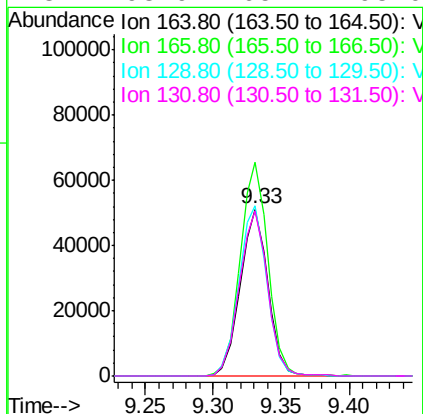
Manual Integrations
APPROVED

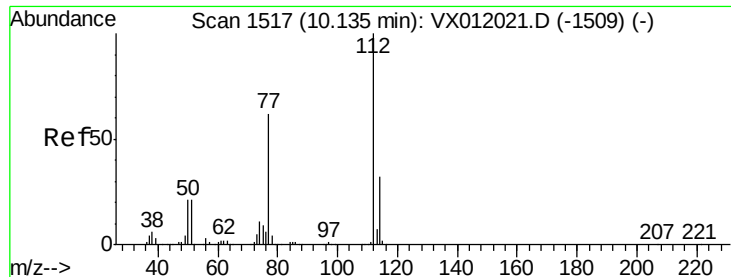
sam
9/4/2019 4:46:28 PM



#64
Tetrachloroethene
Concen: 49.931 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	104.3	156.5
129	102.1	68.3	102.5
131	98.9	65.4	98.0#





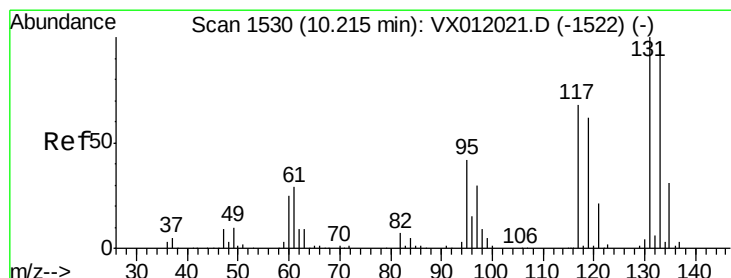
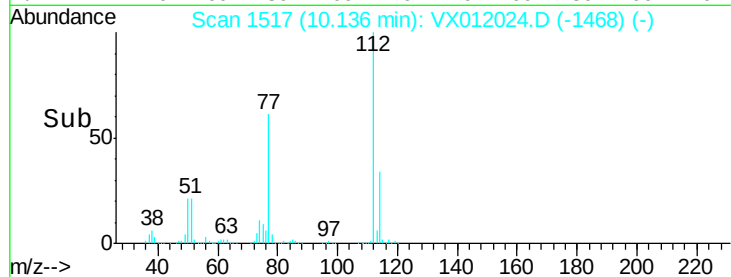
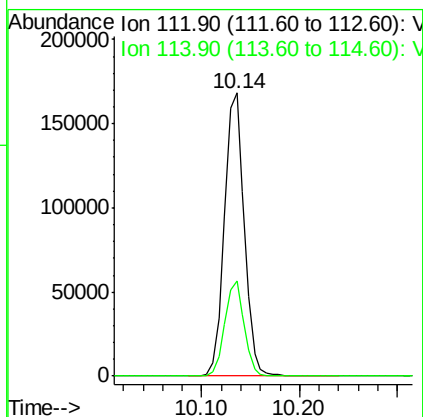
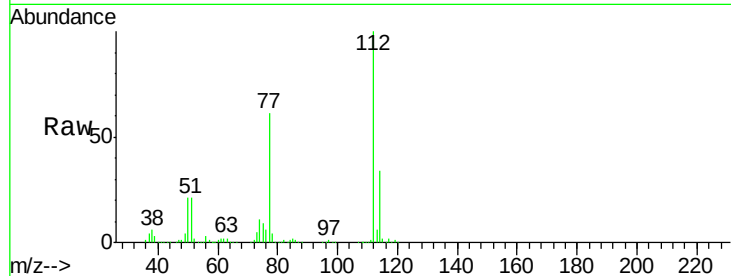
#65
Chlorobenzene
Concen: 51.478 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tot Ion:112 Resp: 235976
Ion Ratio Lower Upper
112 100
114 33.7 26.2 39.2

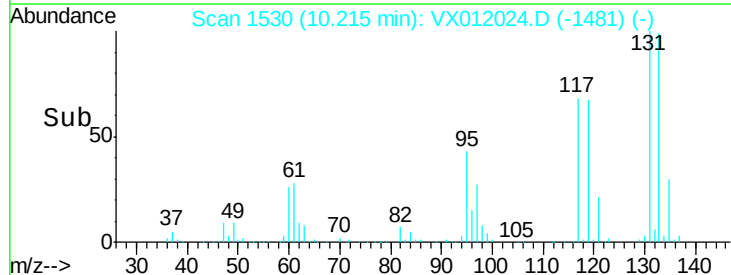
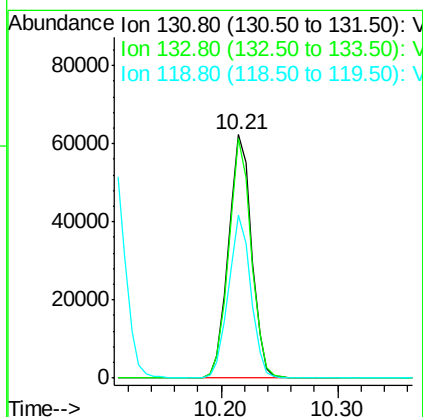
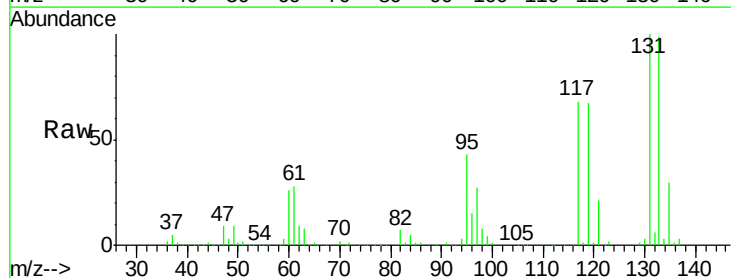
Manual Integrations
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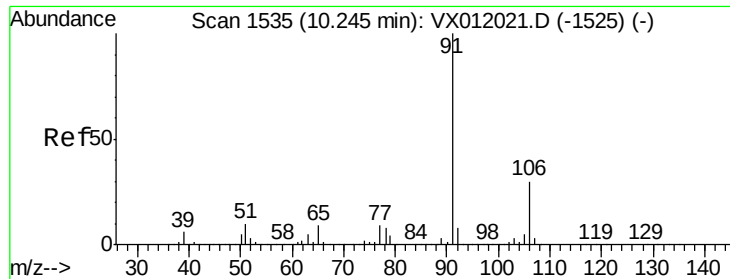
sam
9/4/2019 4:46:28 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.320 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion:131 Resp: 86020
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.0
119 65.2 30.5 91.5





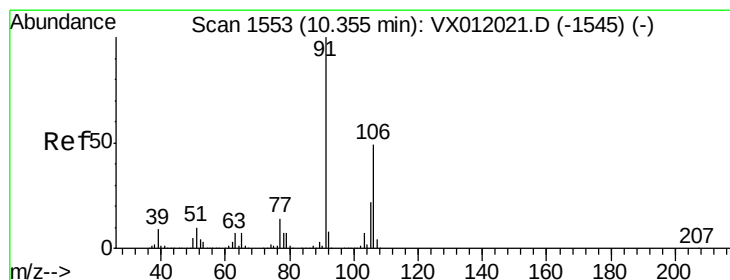
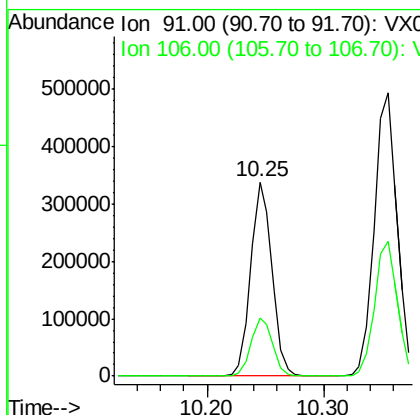
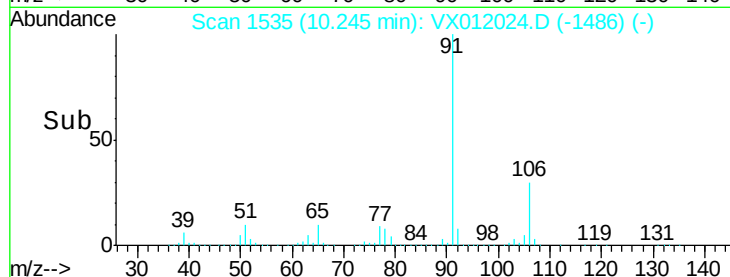
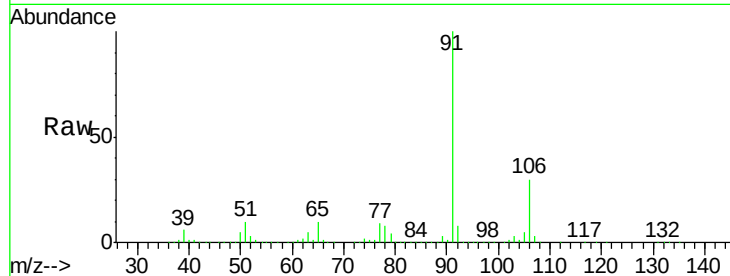
#67
Ethyl Benzene
Concen: 51.888 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampled :
ICVVX090319

Tot Ion: 91 Resp: 433567
Ion Ratio Lower Upper
91 100
106 30.0 25.8 38.8

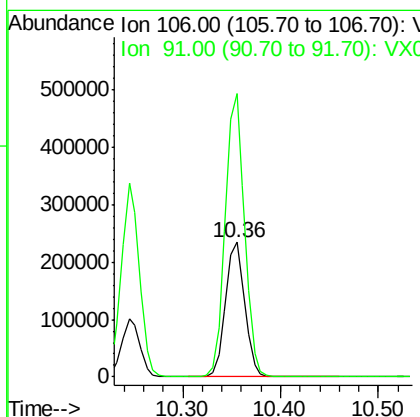
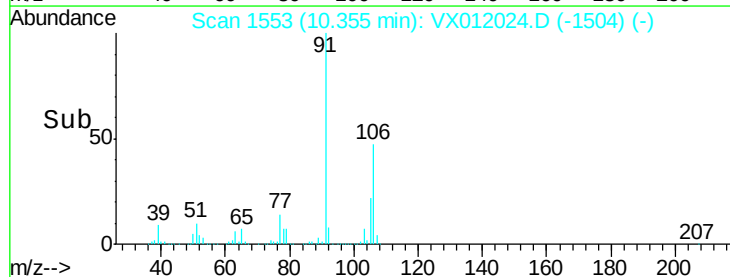
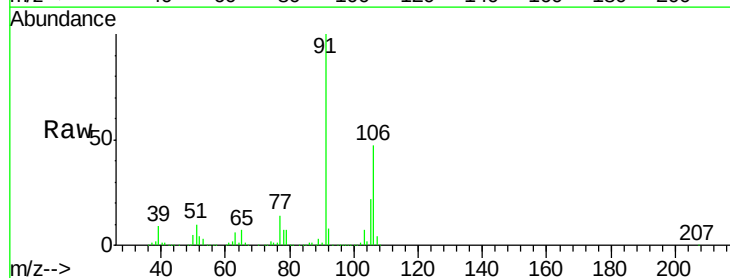
Manual Integrations
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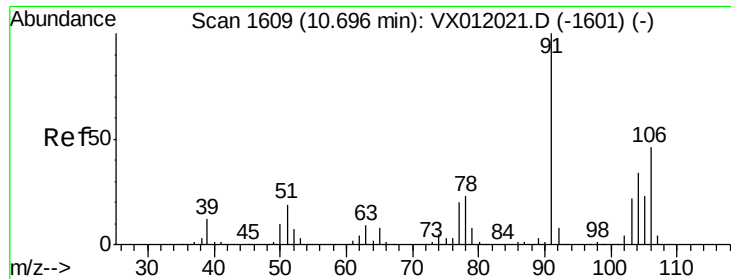
sam
9/4/2019 4:46:28 PM



#68
m/p-Xylenes
Concen: 103.976 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion: 106 Resp: 320100
Ion Ratio Lower Upper
106 100
91 210.5 157.5 236.3





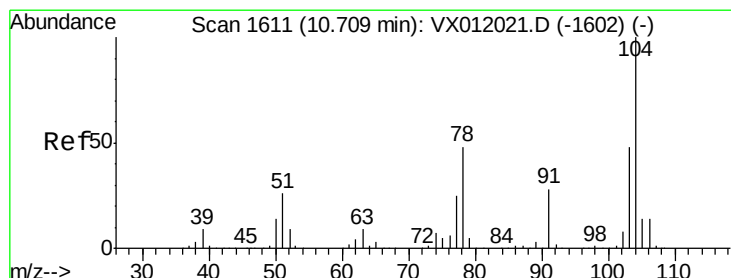
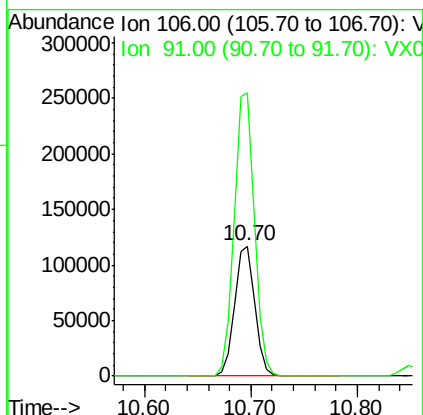
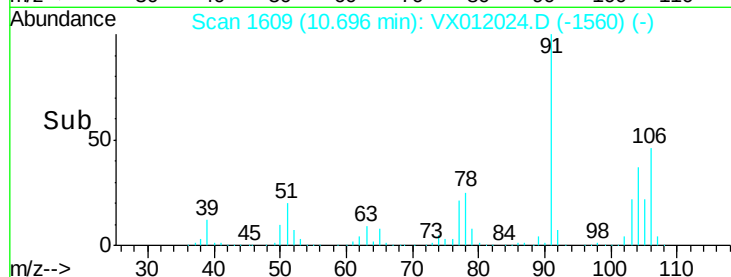
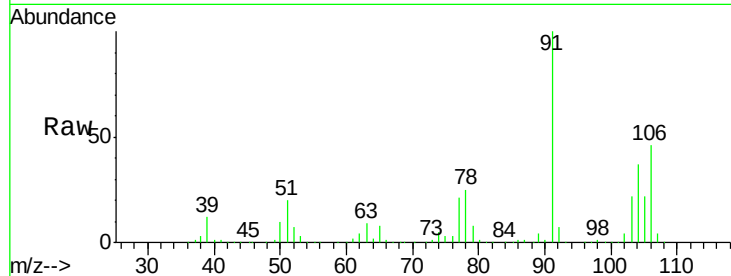
#69
o-Xylene
Concen: 52.175 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampled :
ICVVX090319

Tot Ion:106 Resp: 155756
Ion Ratio Lower Upper
106 100
91 219.4 103.5 310.3

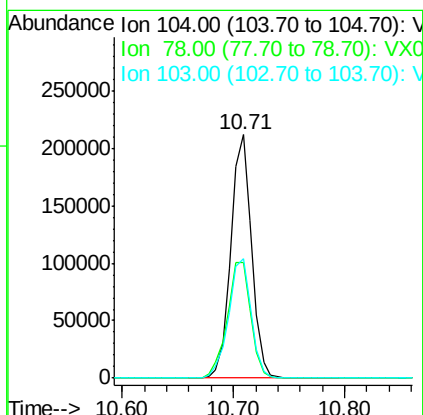
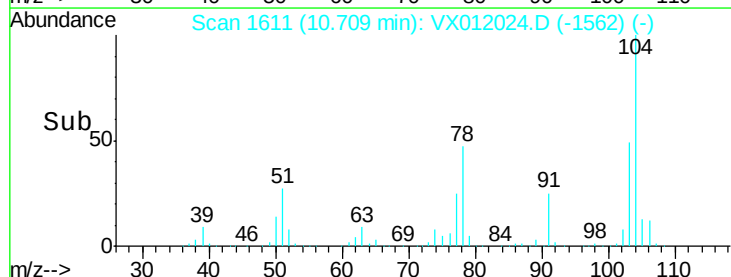
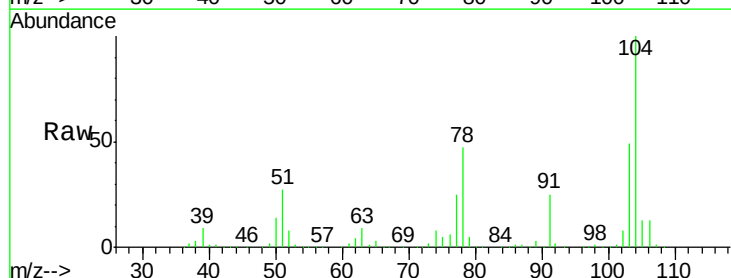
Manual Integrations
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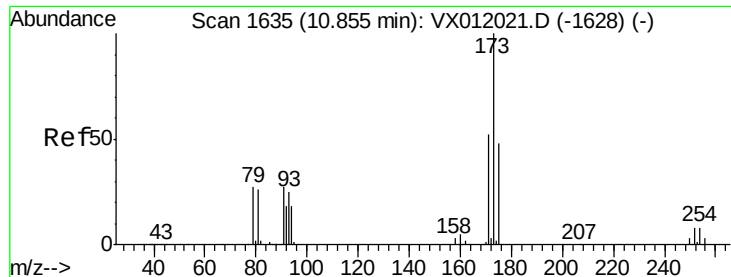
sam
9/4/2019 4:46:28 PM



#70
Styrene
Concen: 52.308 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion:104 Resp: 271230
Ion Ratio Lower Upper
104 100
78 54.8 39.1 58.7
103 53.9 43.4 65.2





#71

Bromoform

Concen: 50.486 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

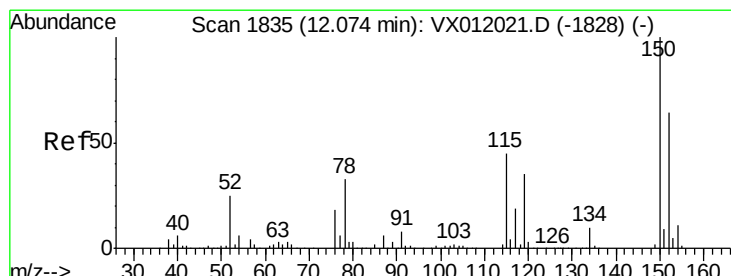
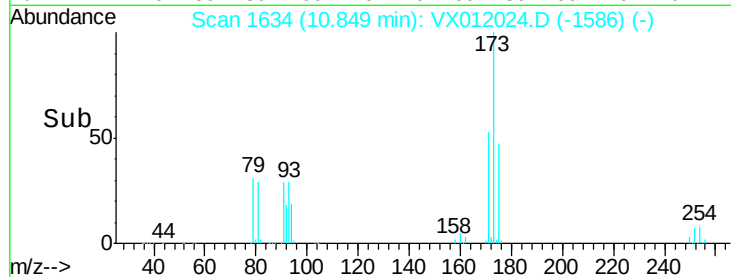
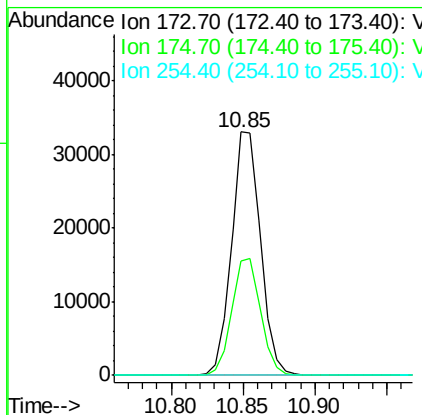
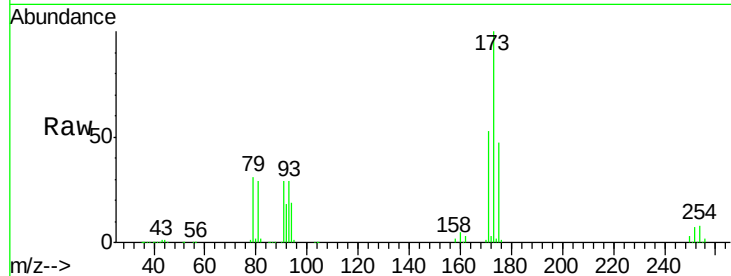
ClientSampled :

ICVVX090319

Tot Ion:	173	Resp:	46478
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.9	74.7
254	0.1	0.1	0.1

Manual Integrations
APPROVED

sam
9/4/2019 4:46:28 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

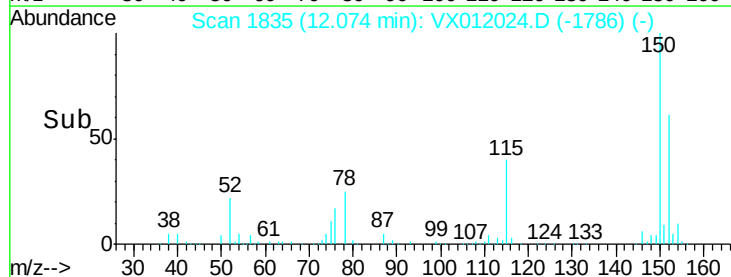
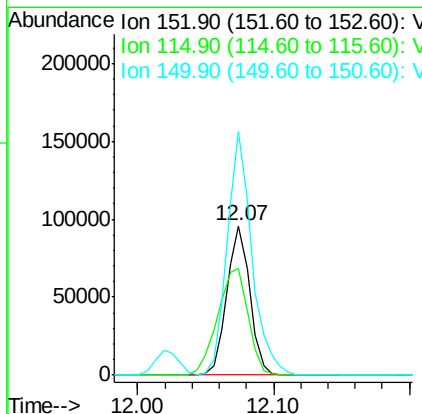
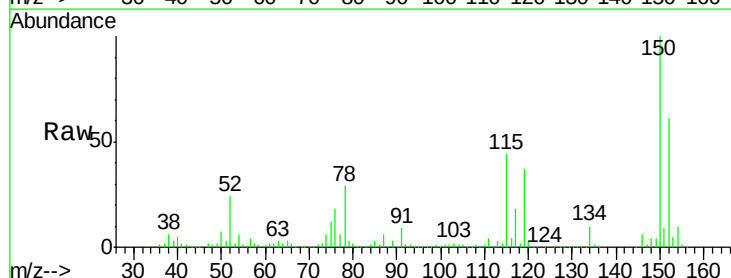
RT: 12.07 min Scan# 1835

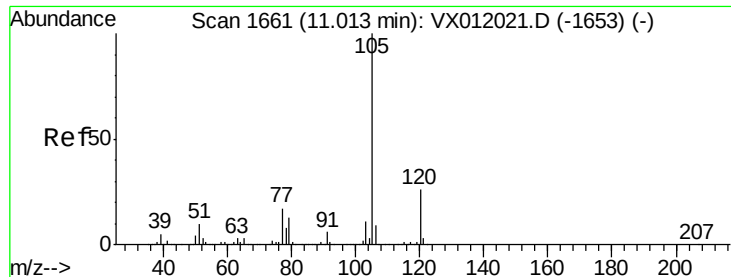
Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion:	152	Resp:	111746
Ion Ratio	Lower	Upper	
152	100		
115	94.8	36.4	109.3
150	176.7	0.0	341.2





#73

Isopropylbenzene

Concen: 50.912 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion: 105 Resp: 417426

Ion Ratio Lower Upper

105 100

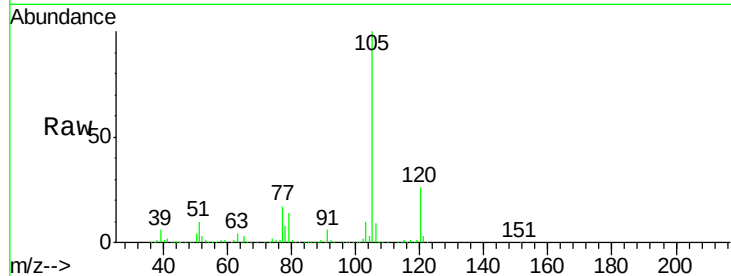
120 25.7 13.9 41.6

Manual Integrations

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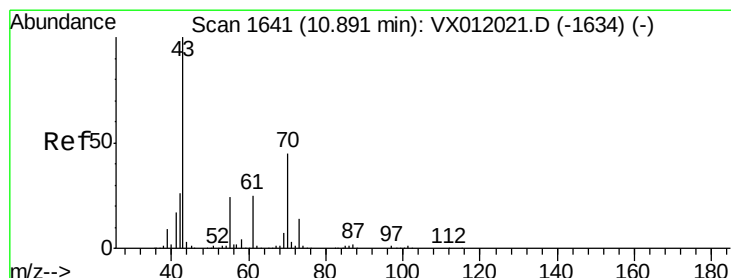
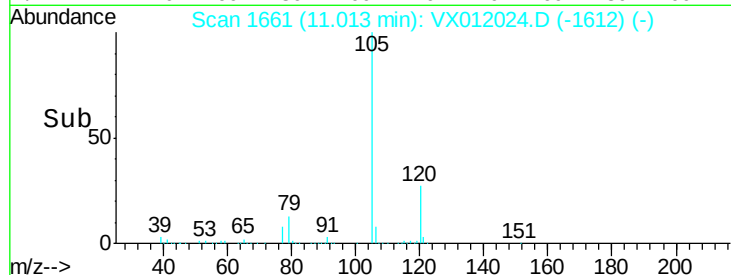
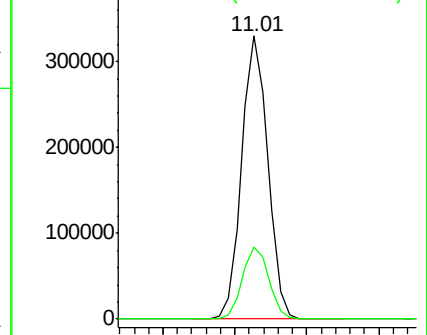
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.284 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion: 43 Resp: 119473

Ion Ratio Lower Upper

43 100

70 42.4 34.4 51.6

55 23.1 18.5 27.7

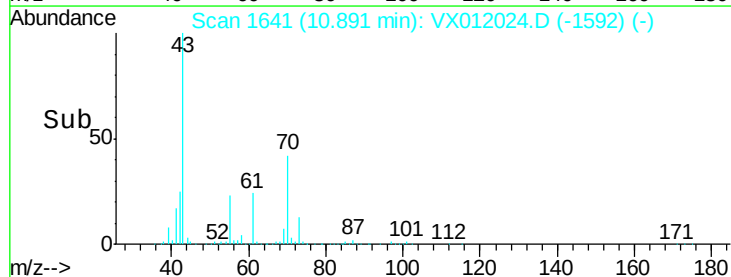
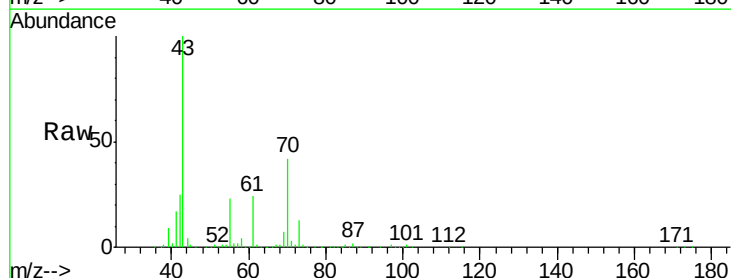
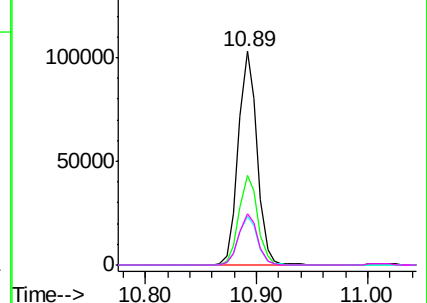
61 24.3 19.5 29.3

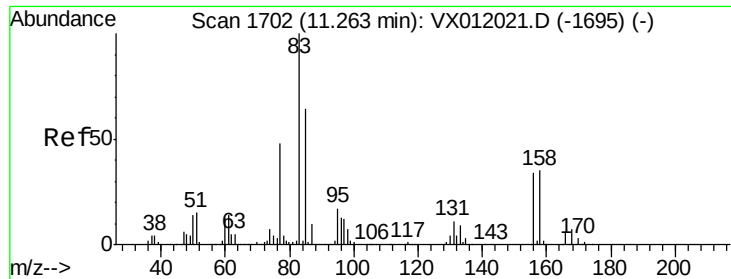
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.581 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

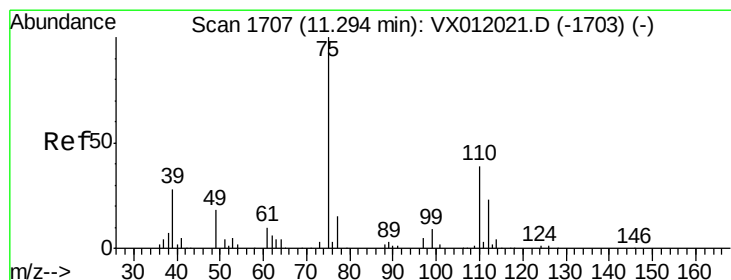
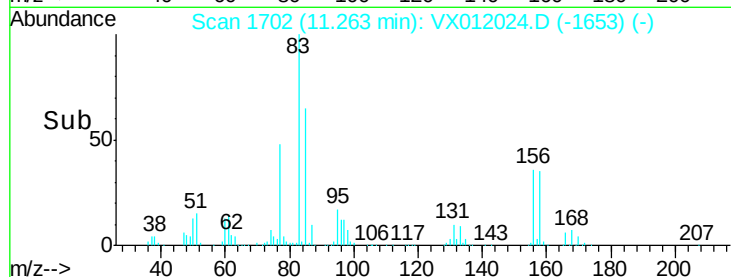
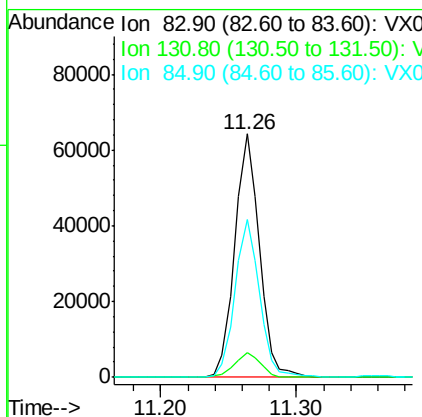
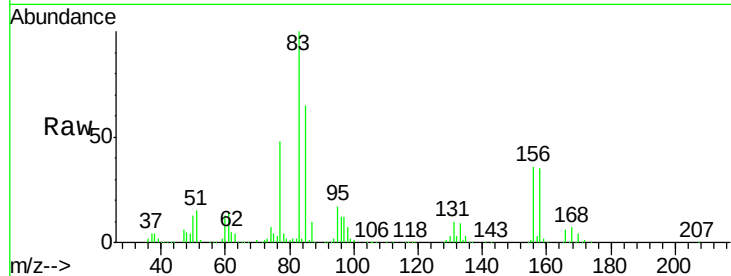
ClientSampled :

ICVVX090319

Tot Ion:	83	Resp:	81329
Ion	Ratio	Lower	Upper
83	100		
131	10.6	6.3	19.1
85	64.7	32.5	97.4

Manual Integrations
APPROVED

sam
9/4/2019 4:46:28 PM



#76

1,2,3-Trichloropropane

Concen: 46.021 ug/l m

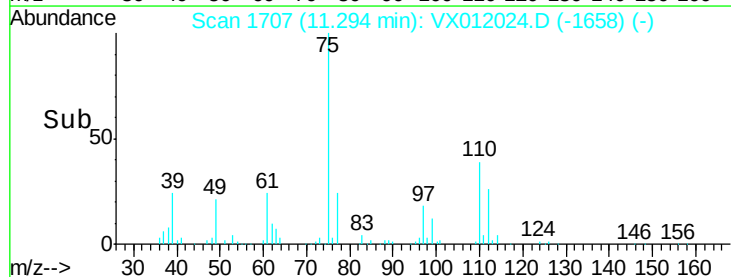
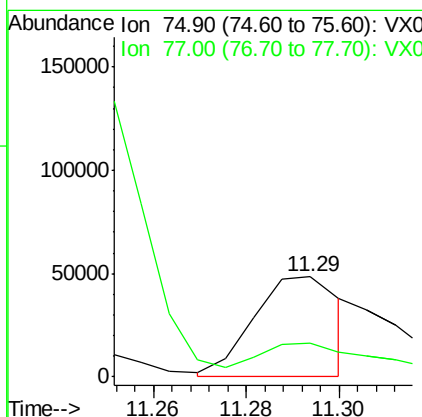
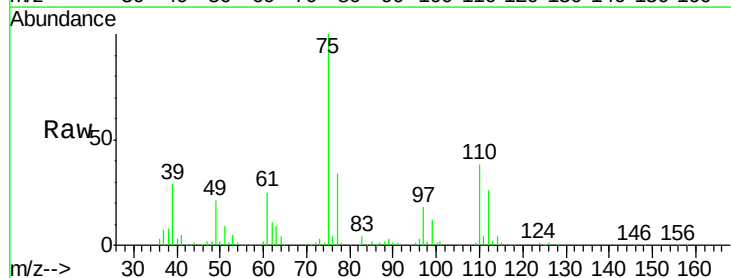
RT: 11.29 min Scan# 1707

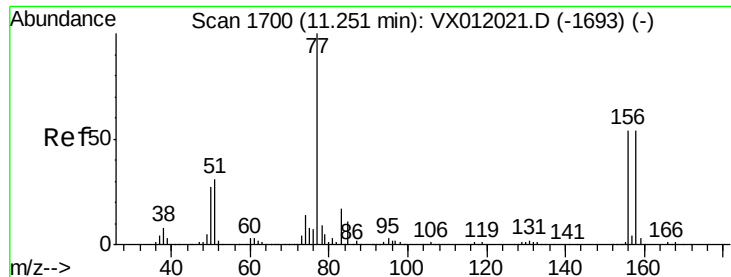
Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion:	75	Resp:	62836
Ion	Ratio	Lower	Upper
75	100		
77	46.2	23.5	70.5





#77

Bromobenzene

Concen: 50.990 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

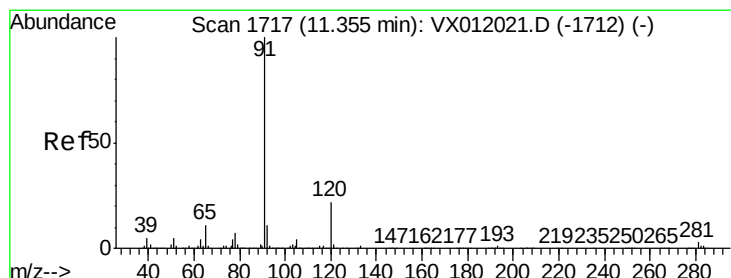
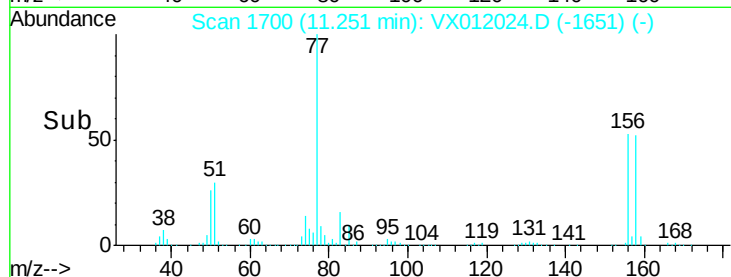
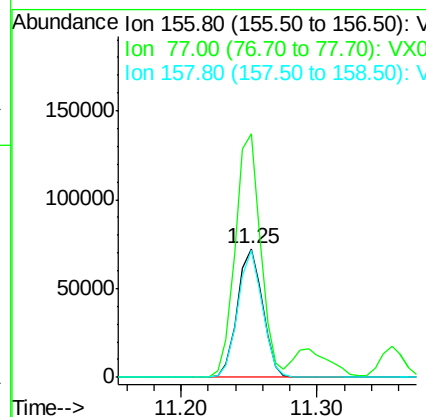
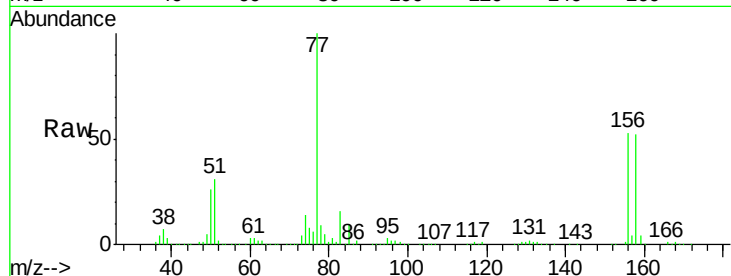
ClientSampleId :

ICVVX090319

Tot Ion	Ratio	Lower	Upper
156	100		
77	190.9	63.4	190.2#
158	96.0	48.9	146.6

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 50.434 ug/l

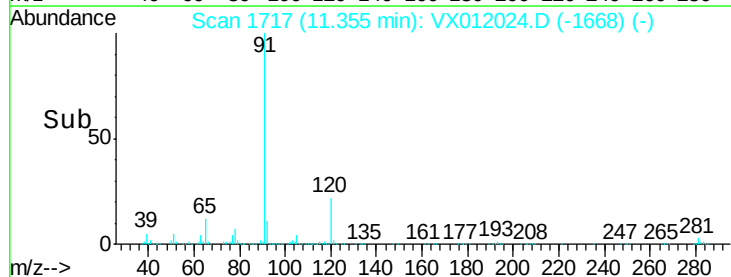
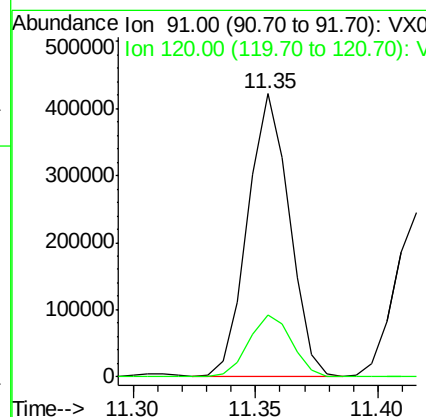
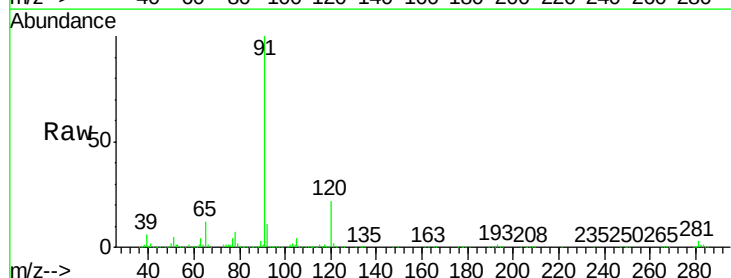
RT: 11.35 min Scan# 1717

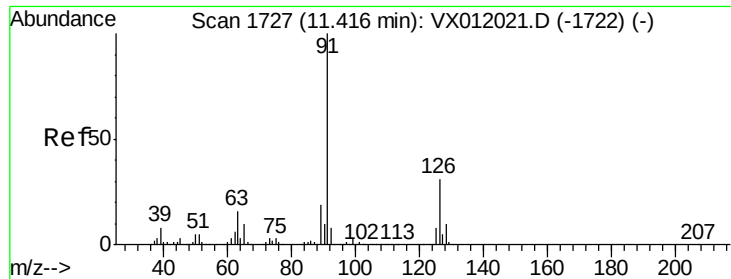
Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	12.7	38.0





#79

2-Chlorotoluene

Concen: 50.726 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion: 91 Resp: 304403

Ion Ratio Lower Upper

91 100

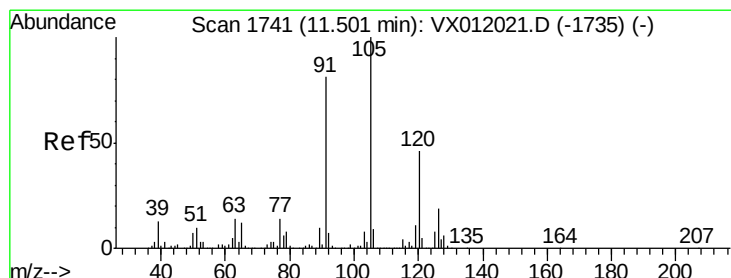
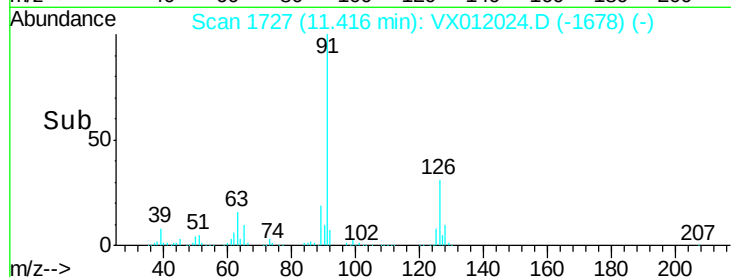
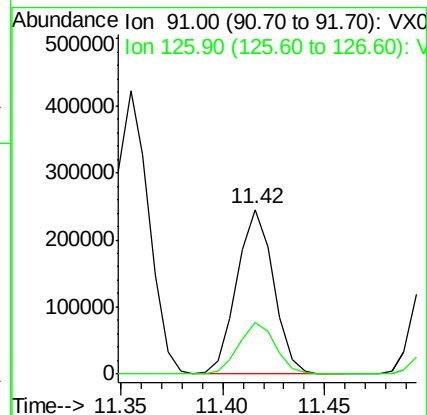
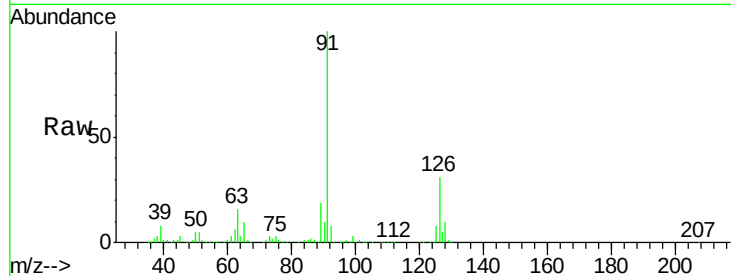
126 31.3 18.6 55.8

Manual Integrations

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sam

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#80

1,3,5-Trimethylbenzene

Concen: 51.002 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012024.D

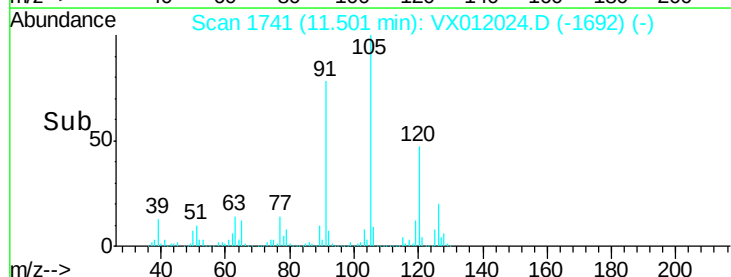
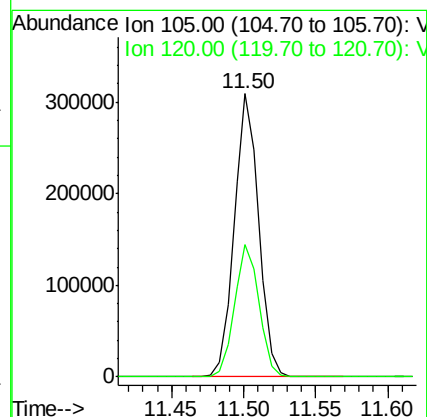
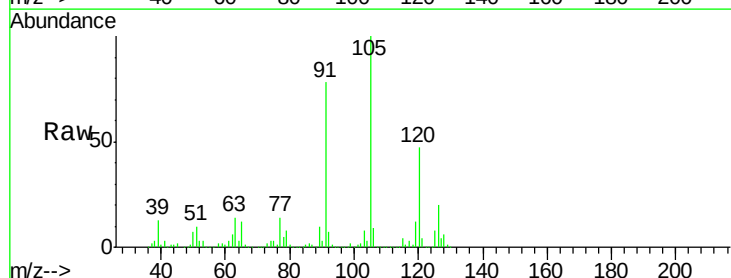
Acq: 03 Sep 2019 15:44

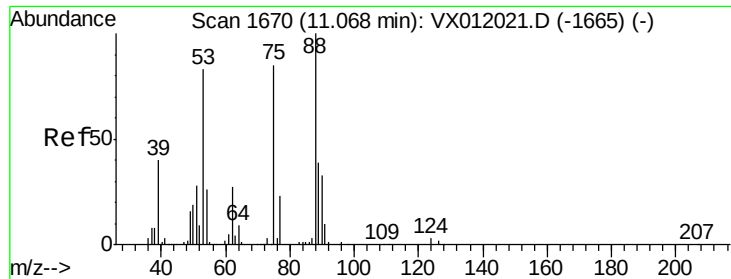
Tgt Ion: 105 Resp: 366451

Ion Ratio Lower Upper

105 100

120 47.2 25.8 77.3





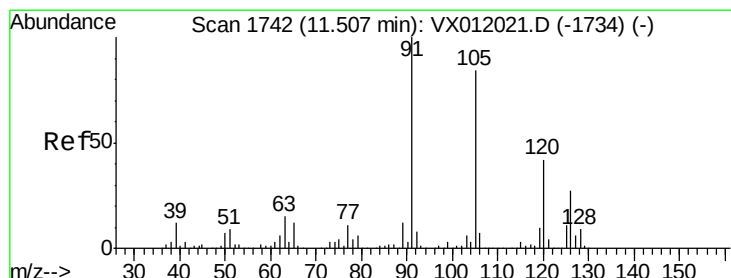
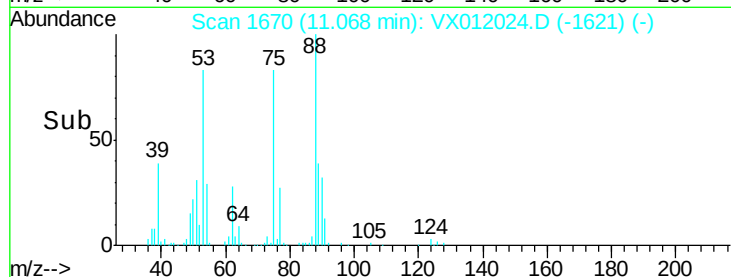
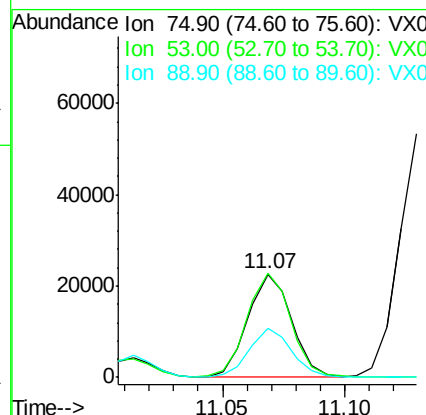
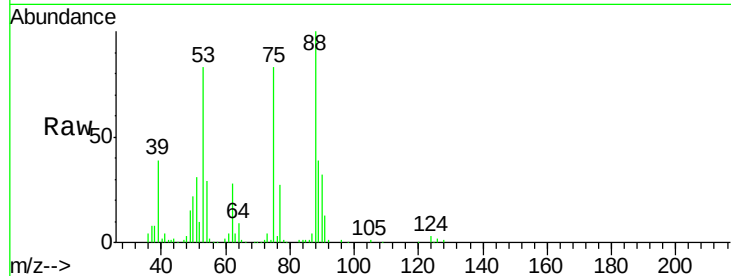
#81
trans-1,4-Dichloro-2-butene
Concen: 48.450 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.1	78.6	117.8
89	46.9	38.8	58.2

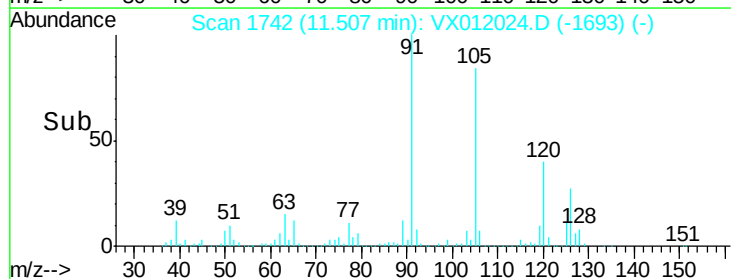
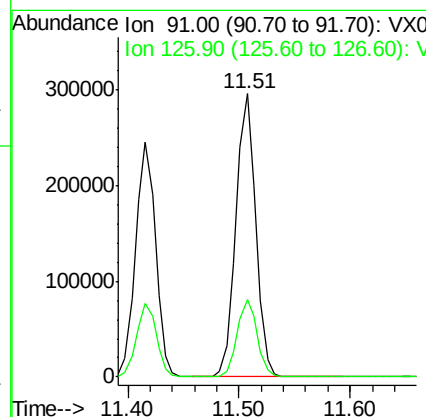
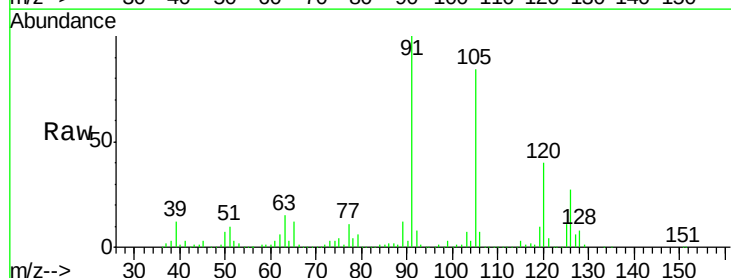
Manual Integrations
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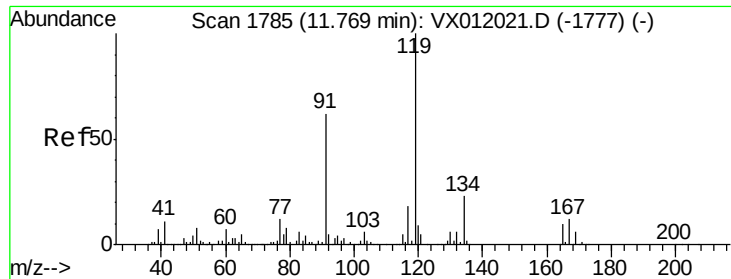
sam
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#82
4-Chlorotoluene
Concen: 51.008 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.5	16.2	48.6





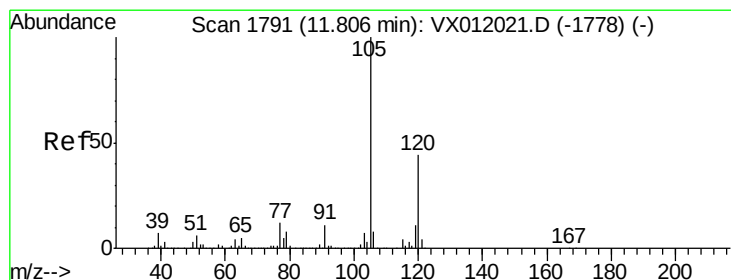
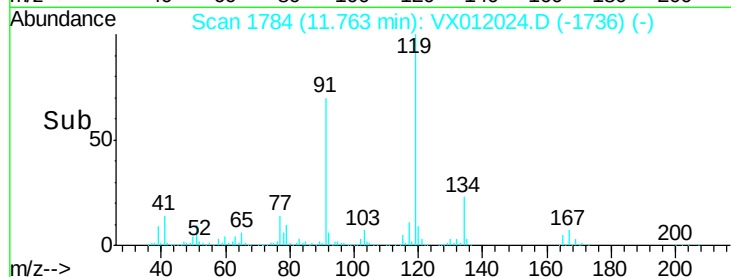
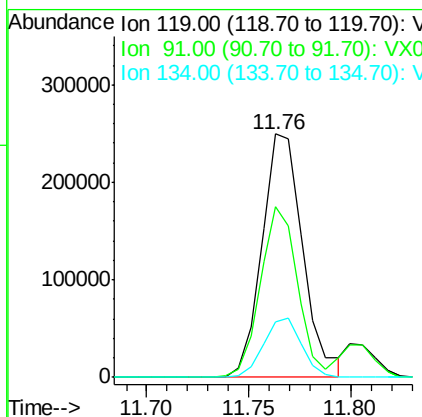
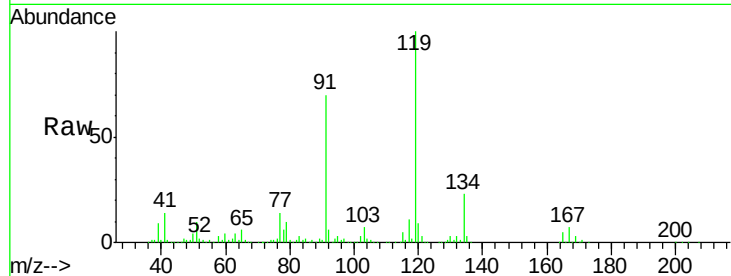
#83
 tert-Butylbenzene
 Concen: 50.994 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

Tot Ion	Ratio	Resp	Lower	Upper
119	100	349219		
91	63.5	27.1	81.2	
134	22.6	12.1	36.3	

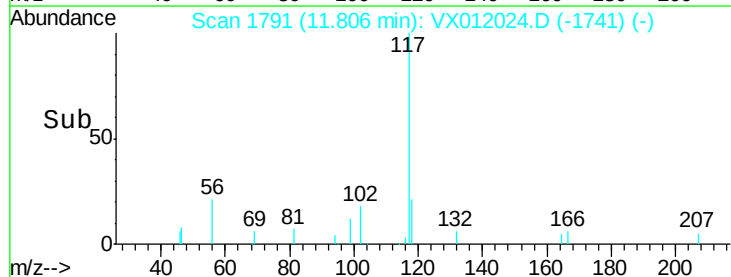
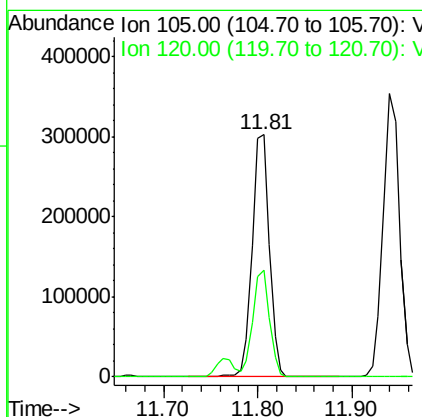
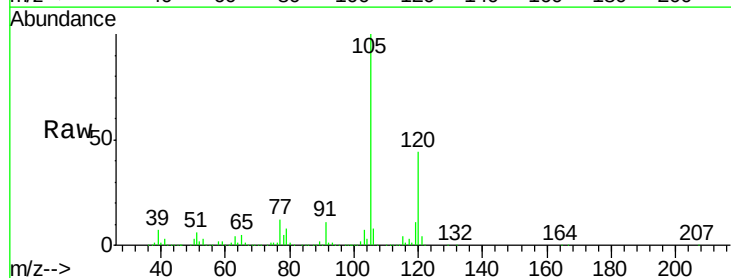
Manual Integrations
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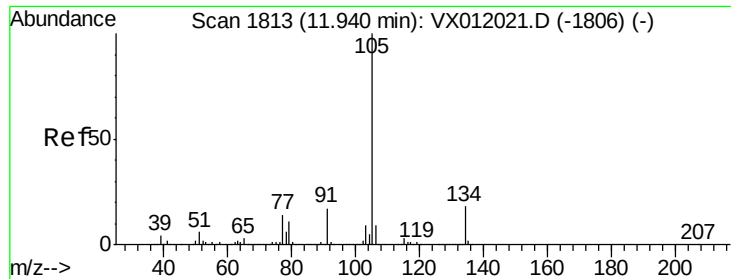
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.183 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	385352		
120	42.7	23.6	70.8	





#85

sec-Butylbenzene

Concen: 50.938 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

Tot Ion:105 Resp: 433279

Ion Ratio Lower Upper

105 100

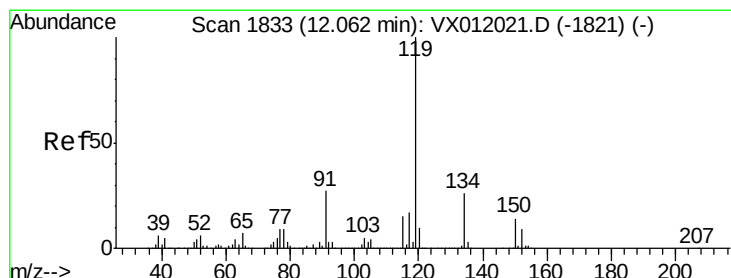
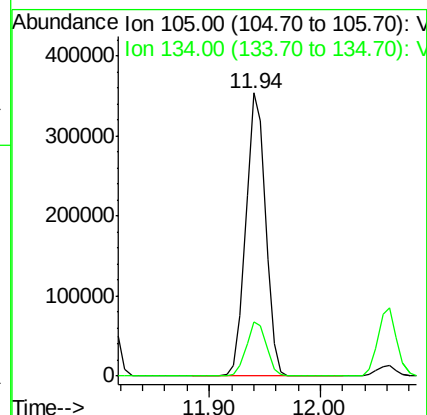
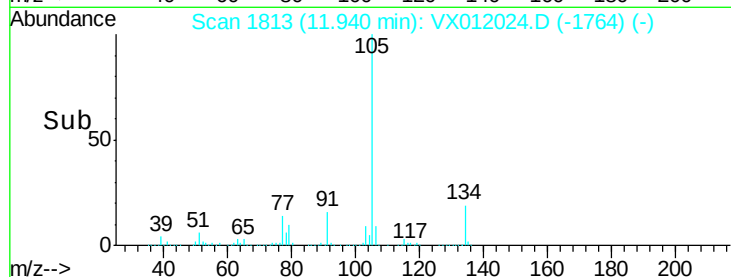
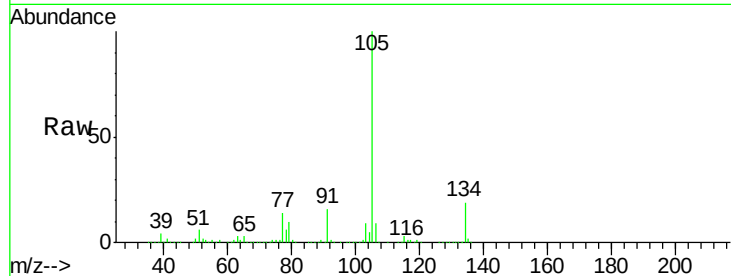
134 19.3 11.2 33.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.710 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

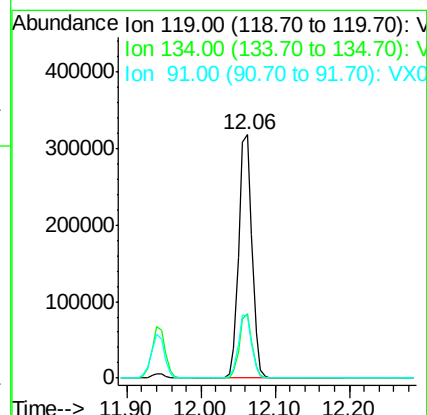
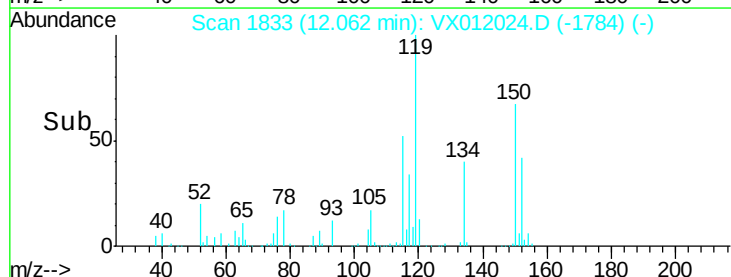
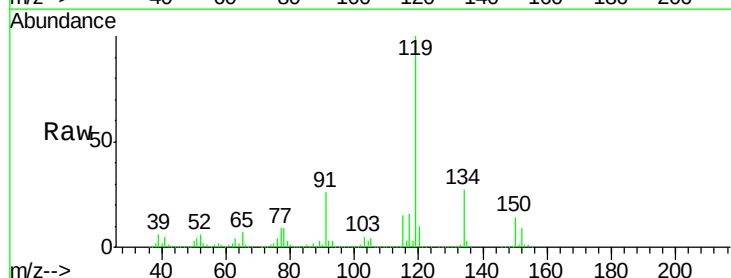
Tgt Ion:119 Resp: 400015

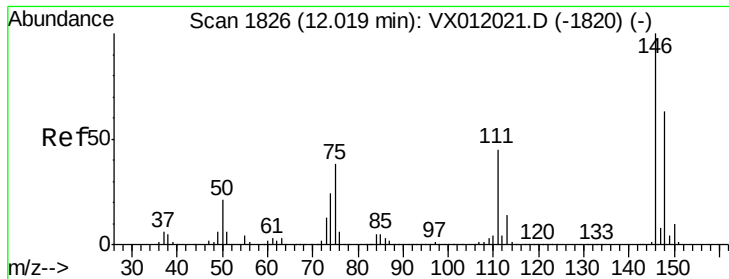
Ion Ratio Lower Upper

119 100

134 25.3 13.7 41.1

91 26.0 11.4 34.1





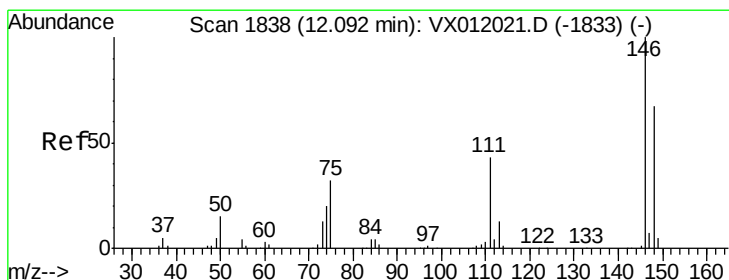
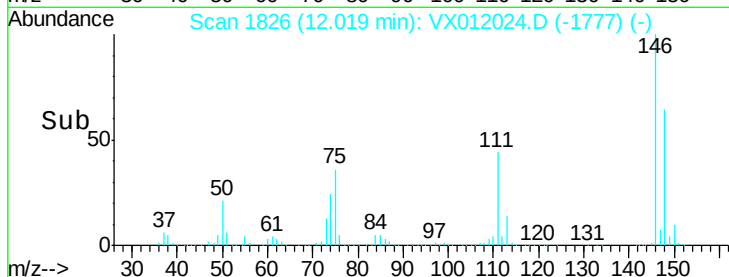
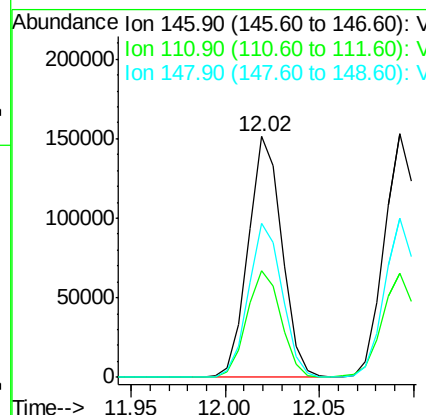
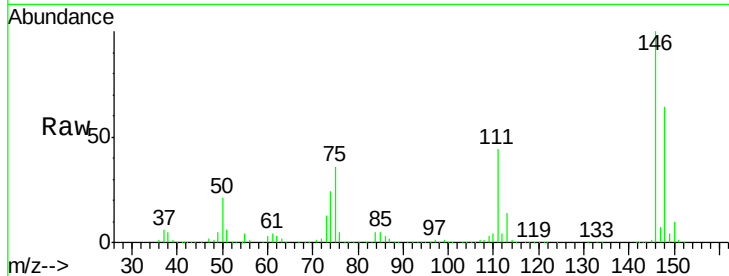
#87
 1,3-Dichlorobenzene
 Concen: 51.025 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	18.1	54.1
148	64.0	32.6	97.8

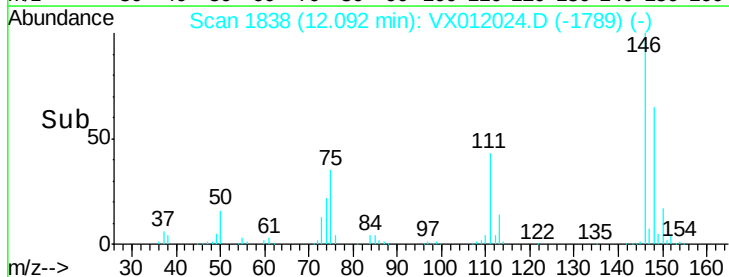
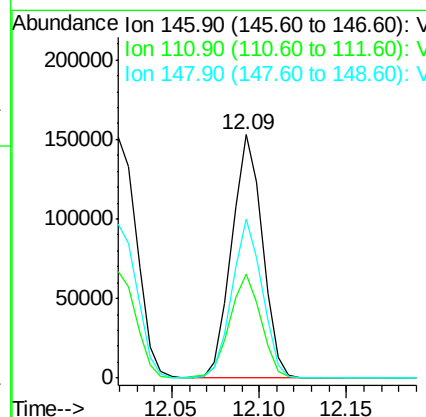
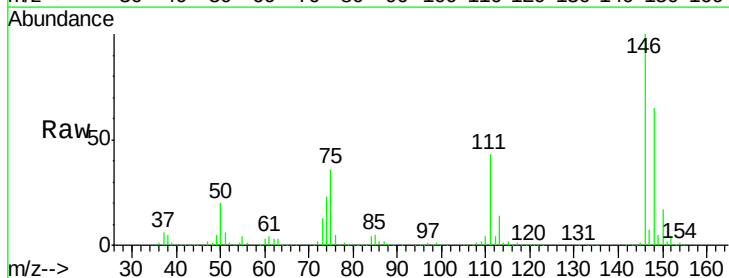
Manual Integrations
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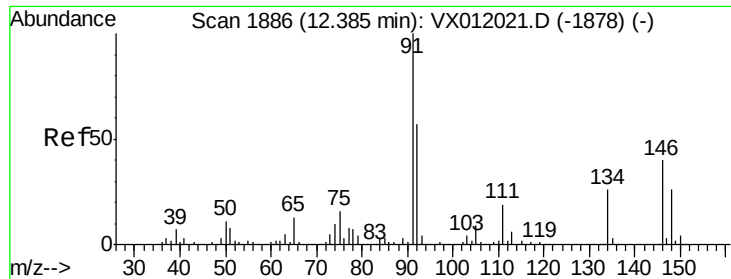
sam
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#88
 1,4-Dichlorobenzene
 Concen: 50.856 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	17.7	53.1
148	64.3	32.4	97.0





#89

n-Butylbenzene

Concen: 51.263 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

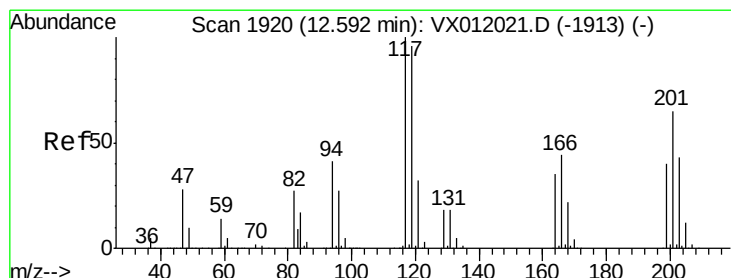
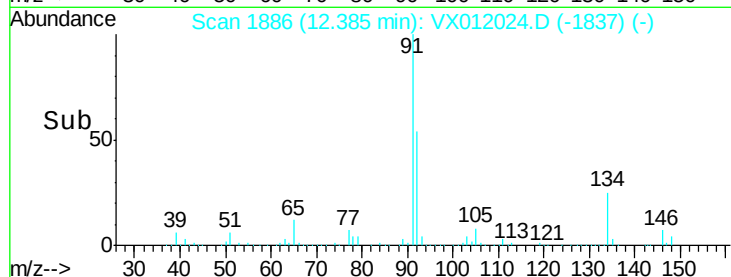
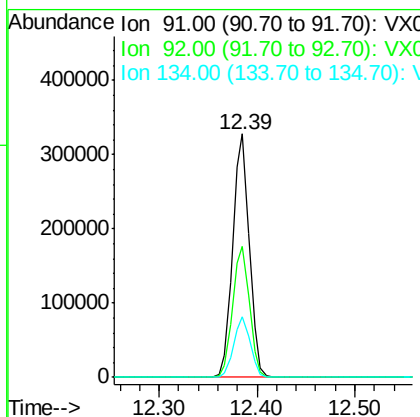
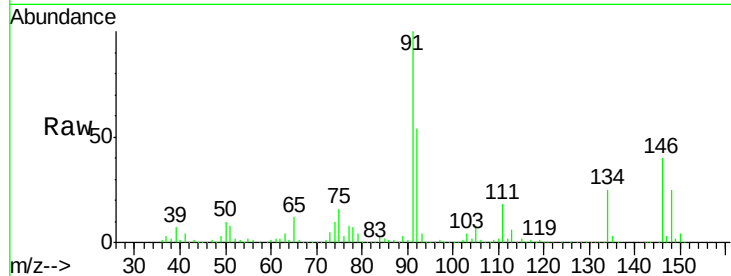
ClientSampled :

ICVVX090319

Tot Ion:	91	Resp:	385224
Ion Ratio	Lower	Upper	
91	100		
92	54.9	27.6	82.8
134	24.6	15.4	46.1

Manual Integrations
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#90

Hexachloroethane

Concen: 49.217 ug/l

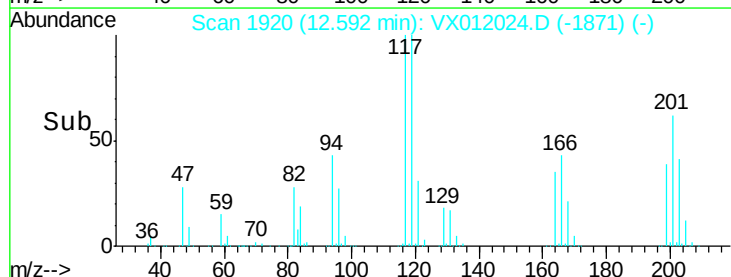
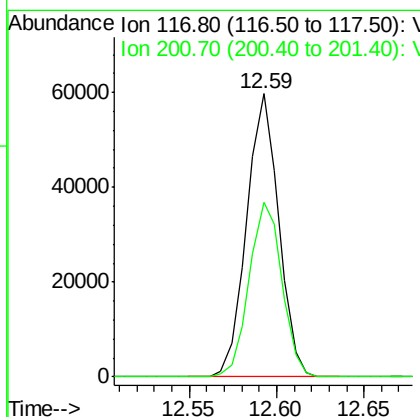
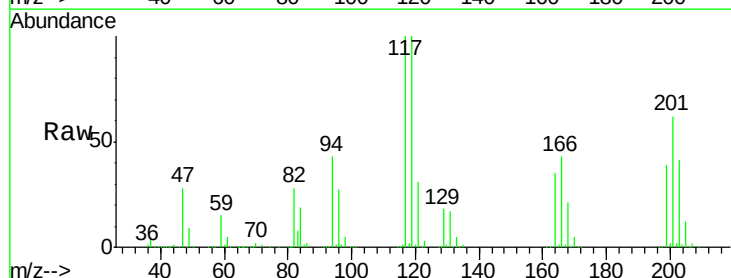
RT: 12.59 min Scan# 1920

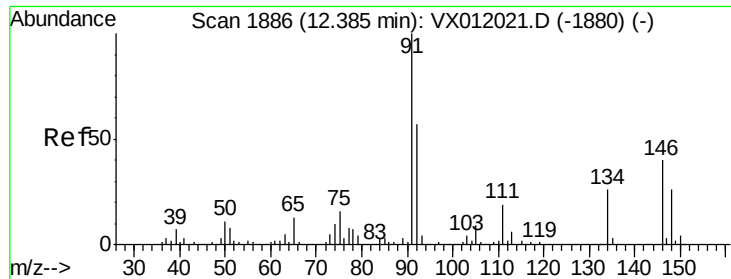
Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion:	117	Resp:	76019
Ion Ratio	Lower	Upper	
117	100		
201	63.0	55.0	165.2





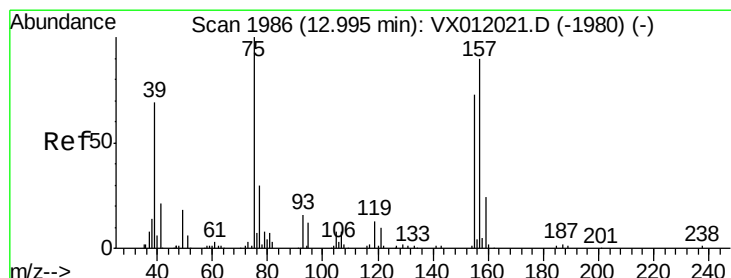
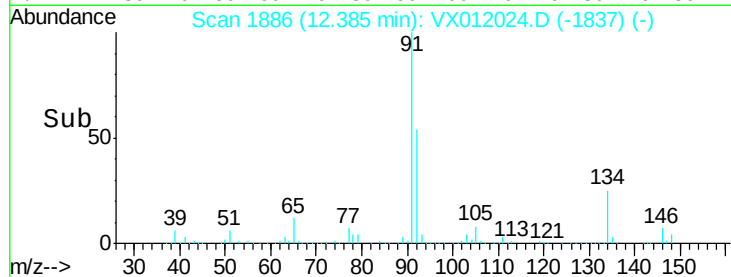
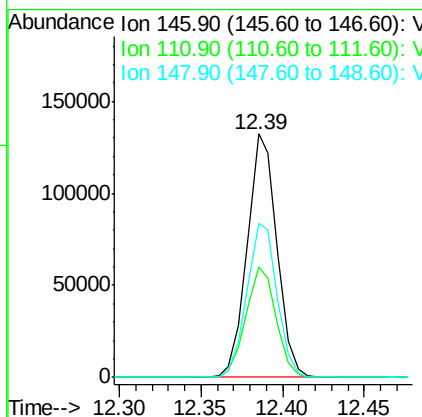
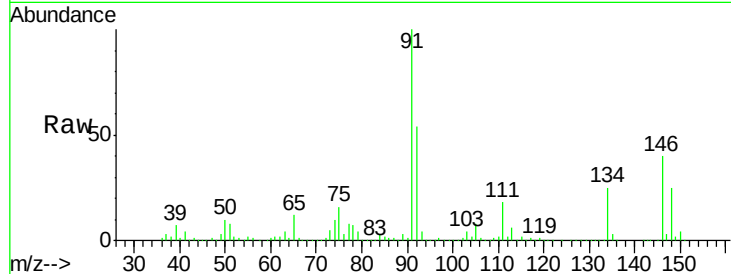
#91
 1,2-Dichlorobenzene
 Concen: 50.765 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

Tot Ion	Ratio	Resp	Lower	Upper
146	100	167994		
111	45.9	18.6	56.0	
148	64.4	32.4	97.2	

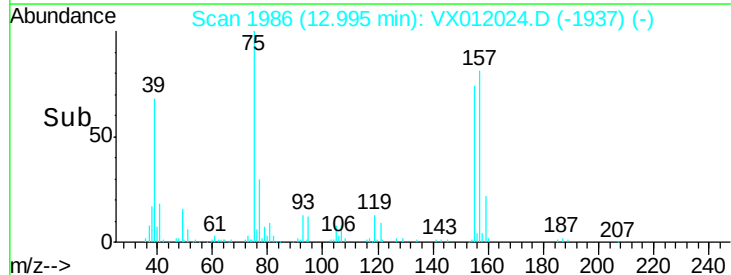
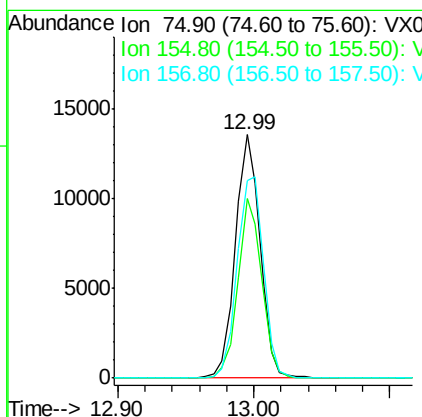
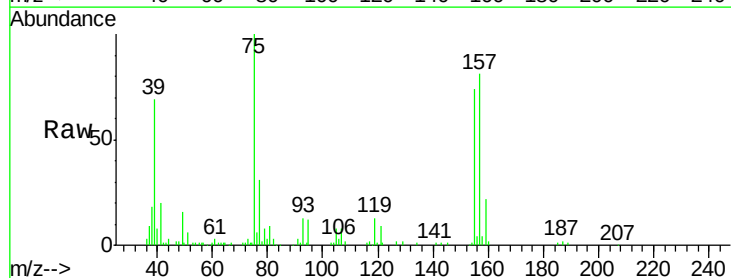
Manual Integrations
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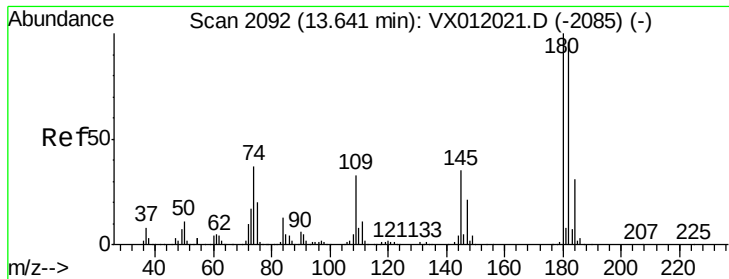
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.029 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17179		
155	70.9	51.7	155.2	
157	87.8	66.9	200.7	





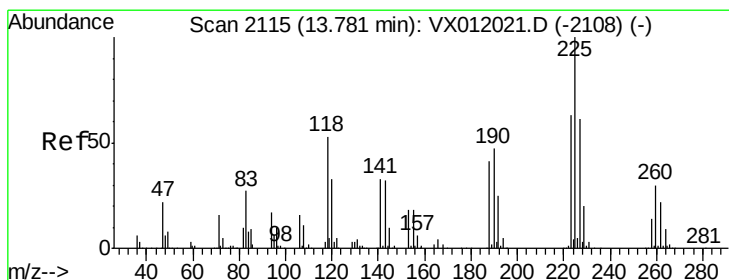
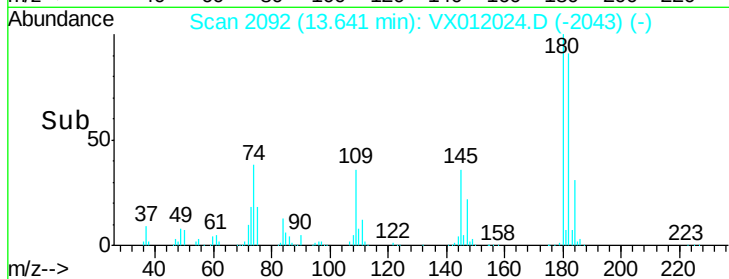
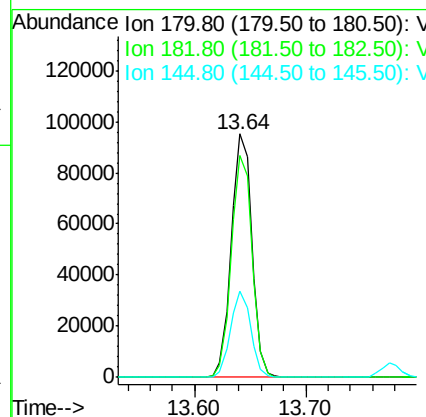
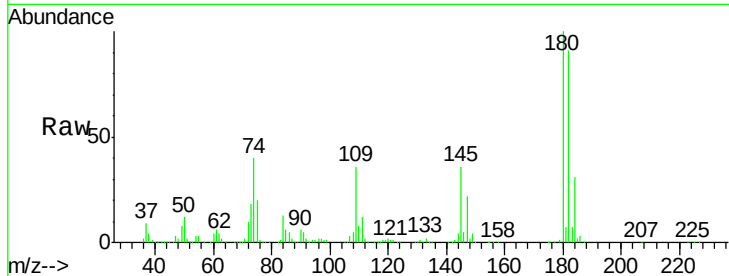
#93
 1,2,4-Trichlorobenzene
 Concen: 51.511 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

Tot Ion	Ratio	Resp	Lower	Upper
180	100	121330		
182	92.3	47.3	142.0	
145	34.9	13.7	41.0	

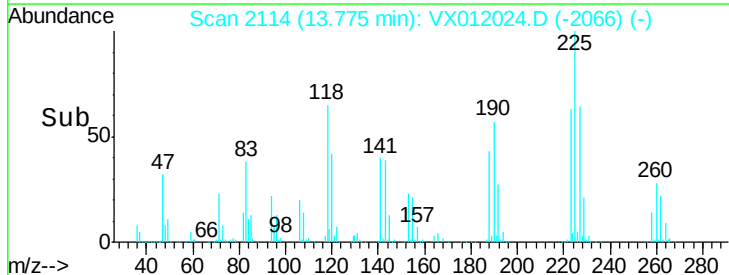
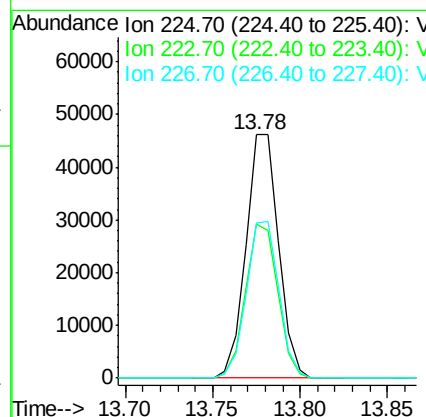
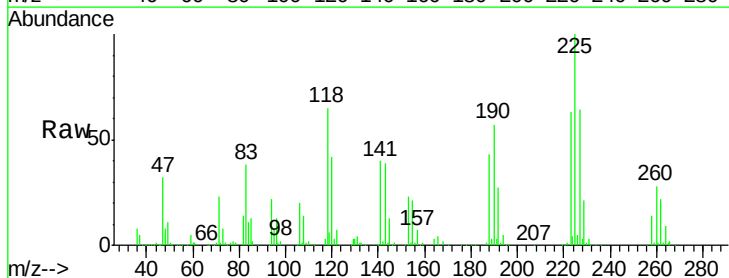
Manual Integrations
 APPROVED

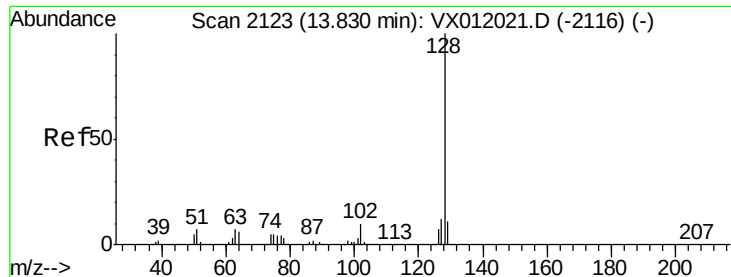
sam
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#94
 Hexachlorobutadiene
 Concen: 50.488 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59946		
223	62.5	31.6	95.0	
227	63.8	32.5	97.5	





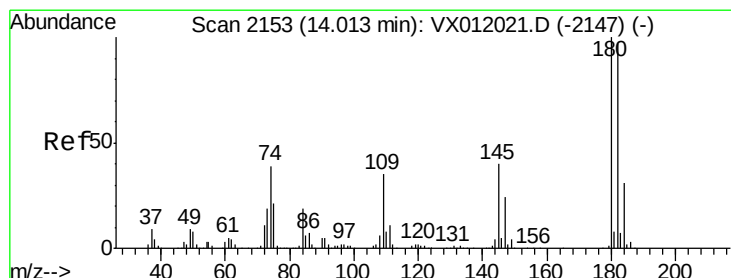
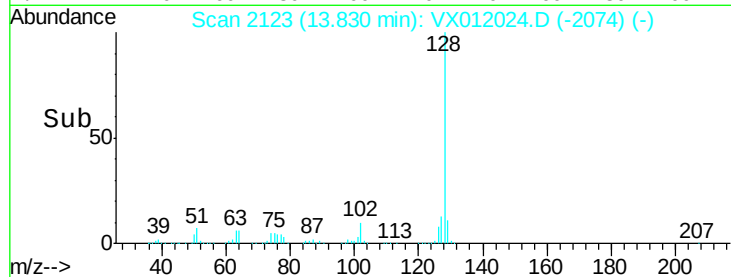
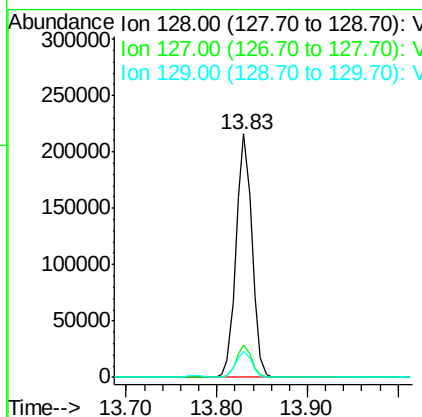
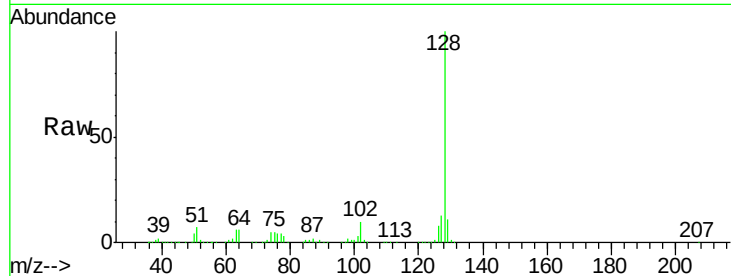
#95
Naphthalene
Concen: 51.557 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		262825		
127	12.8		10.5	15.7	
129	11.0		8.8	13.2	

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 52.228 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		108228		
182	94.2		47.9	143.6	
145	37.3		14.1	42.4	

