

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072319\
 Data File : VX011047.D
 Acq On : 23 Jul 2019 09:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:06:37 PM

Quant Time: Jul 24 05:06:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	228709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	330143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	166757	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117294	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	5.49	113	105721	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.71	98	393552	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	152283	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114547	47.002	ug/l	98
3) Chloromethane	1.32	50	97291	46.259	ug/l	98
4) Vinyl Chloride	1.41	62	101210	47.179	ug/l	99
5) Bromomethane	1.64	94	52290	43.254	ug/l	100
6) Chloroethane	1.71	64	66745	48.959	ug/l	100
7) Trichlorofluoromethane	1.92	101	177655	48.922	ug/l	99
8) Diethyl Ether	2.18	74	57705	46.121	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103286	49.814	ug/l	99
10) Methyl Iodide	2.51	142	126401	46.455	ug/l	99
11) Tert butyl alcohol	3.05	59	127818	225.568	ug/l	100
12) 1,1-Dichloroethene	2.37	96	97276	47.750	ug/l	93
13) Acrolein	2.29	56	68861	210.333	ug/l	97
14) Allyl chloride	2.73	41	141341	47.765	ug/l	99
15) Acrylonitrile	3.14	53	269676	235.520	ug/l	99
16) Acetone	2.45	43	333283	303.284	ug/l	98
17) Carbon Disulfide	2.57	76	231868	44.371	ug/l	100
18) Methyl Acetate	2.77	43	119877	47.908	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	318257	48.529	ug/l	98
20) Methylene Chloride	2.85	84	108738	46.692	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	101639	47.022	ug/l	96
22) Diisopropyl ether	3.85	45	298666	47.856	ug/l	92
23) Vinyl Acetate	3.81	43	1303906	246.586	ug/l	100
24) 1,1-Dichloroethane	3.69	63	171502	47.319	ug/l	99
25) 2-Butanone	4.67	43	415486	263.387	ug/l	99
26) 2,2-Dichloropropane	4.58	77	149188	50.131	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	119515	47.775	ug/l	99
28) Bromochloromethane	5.01	49	78912	46.203	ug/l	98
29) Tetrahydrofuran	5.12	42	231682	231.859	ug/l	100
30) Chloroform	5.21	83	186135	47.513	ug/l	98
31) Cyclohexane	5.57	56	156211	47.285	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	166879	49.237	ug/l	100
36) 1,1-Dichloropropene	5.79	75	134007	49.416	ug/l	99
37) Ethyl Acetate	4.83	43	136427	49.131	ug/l	99
38) Carbon Tetrachloride	5.78	117	147969	52.363	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175901	50.019	ug/l	99
40) Benzene	6.13	78	408504	49.176	ug/l	99
41) Methacrylonitrile	5.04	41	76212	48.347	ug/l	98
42) 1,2-Dichloroethane	6.19	62	144008	49.860	ug/l	98
43) Isopropyl Acetate	6.44	43	228418	50.026	ug/l	100
44) Trichloroethene	7.21	130	118511	48.197	ug/l	92
45) 1,2-Dichloropropane	7.51	63	103732	49.063	ug/l	100
46) Dibromomethane	7.66	93	75743	50.135	ug/l	100
47) Bromodichloromethane	7.90	83	141974	52.792	ug/l	99
48) Methyl methacrylate	7.76	41	108245	48.665	ug/l	99
49) 1,4-Dioxane	7.74	88	59741	960.174	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	749953	253.378	ug/l	100
52) Toluene	8.78	92	268144	49.137	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	155217	53.677	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	168007	52.214	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	112365	50.009	ug/l	98
56) Ethyl methacrylate	9.18	69	172142	52.375	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176404	49.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	410332	261.534	ug/l	100
59) 2-Hexanone	9.49	43	613079	267.057	ug/l	99
60) Dibromochloromethane	9.58	129	123194	47.760	ug/l	99
61) 1,2-Dibromoethane	9.67	107	120677	50.608	ug/l	100
64) Tetrachloroethene	9.34	164	118318	49.206	ug/l	97
65) Chlorobenzene	10.13	112	305968	48.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113227	51.318	ug/l	99
67) Ethyl Benzene	10.25	91	535591	50.122	ug/l	99
68) m/p-Xylenes	10.35	106	413353	100.844	ug/l	99
69) o-Xylene	10.69	106	199135	49.779	ug/l	99
70) Styrene	10.71	104	347273	52.076	ug/l	100
71) Bromoform	10.85	173	95995	47.897	ug/l #	99
73) Isopropylbenzene	11.02	105	547528	48.592	ug/l	100
74) N-amyl acetate	10.90	43	211876	49.213	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	174794	47.403	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	150203m	49.914	ug/l	
77) Bromobenzene	11.25	156	148636	47.823	ug/l	99
78) n-propylbenzene	11.36	91	624943	50.196	ug/l	99
79) 2-Chlorotoluene	11.42	91	366047	48.944	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	465796	49.472	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54428	46.157	ug/l	99
82) 4-Chlorotoluene	11.51	91	434826	49.953	ug/l	99
83) tert-Butylbenzene	11.77	119	460169	49.758	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	475271	50.083	ug/l	100
85) sec-Butylbenzene	11.94	105	555808	51.290	ug/l	99
86) p-Isopropyltoluene	12.06	119	512724	51.179	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	269781	50.017	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	265639	48.020	ug/l	98
89) n-Butylbenzene	12.38	91	451634	52.694	ug/l	100
90) Hexachloroethane	12.59	117	83200	52.653	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	264824	49.541	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38393	49.810	ug/l	98

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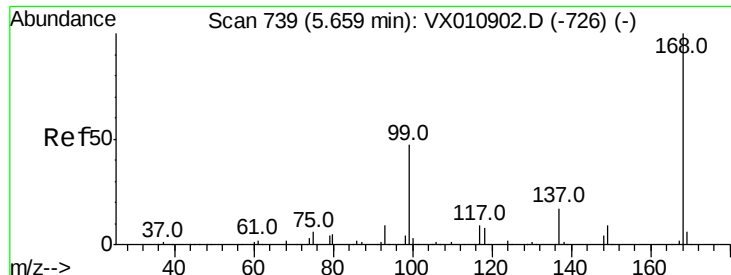
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	185779	51.281	ug/l	98
94) Hexachlorobutadiene	13.78	225	91518	50.977	ug/l	99
95) Naphthalene	13.83	128	548854	51.305	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	184629	51.220	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 228709

Ion Ratio Lower Upper

168 100

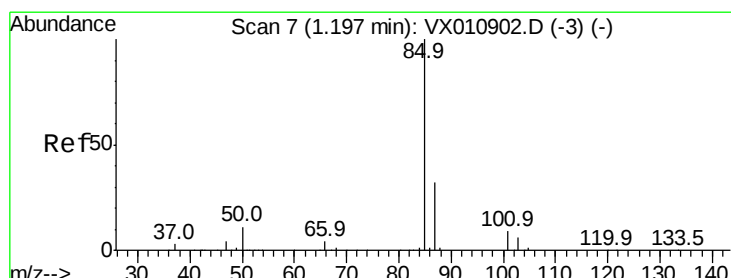
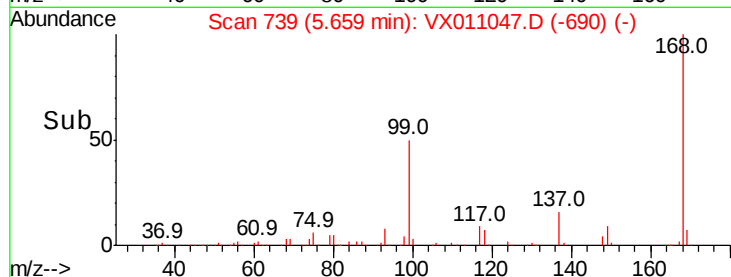
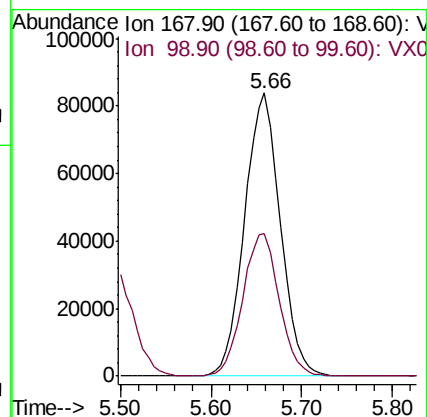
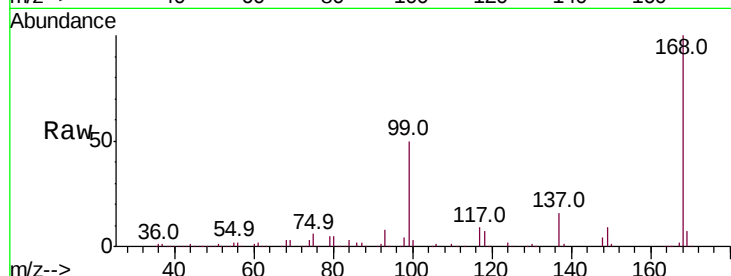
99 50.2 37.6 56.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.002 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011047.D

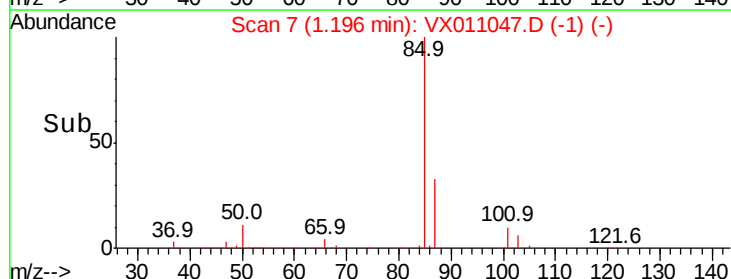
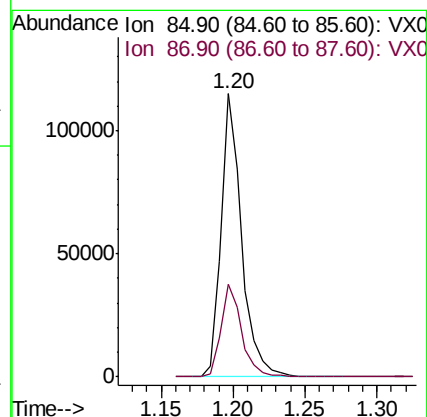
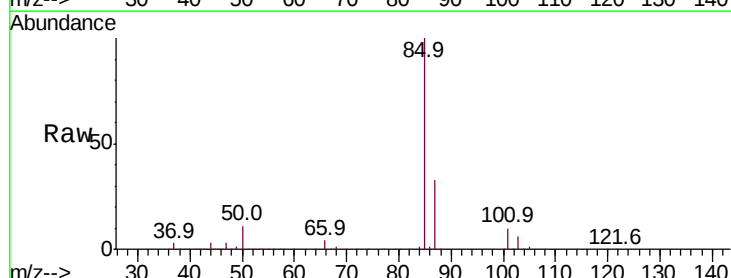
Acq: 23 Jul 2019 09:40

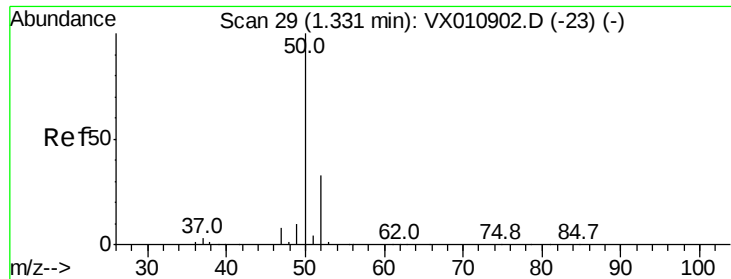
Tgt Ion: 85 Resp: 114547

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7





#3

Chloromethane

Concen: 46.259 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 97291

Ion Ratio Lower Upper

50 100

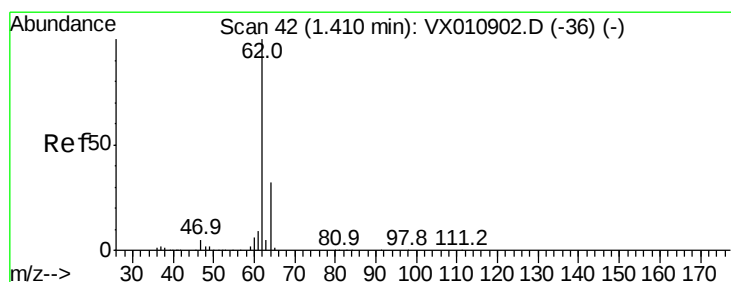
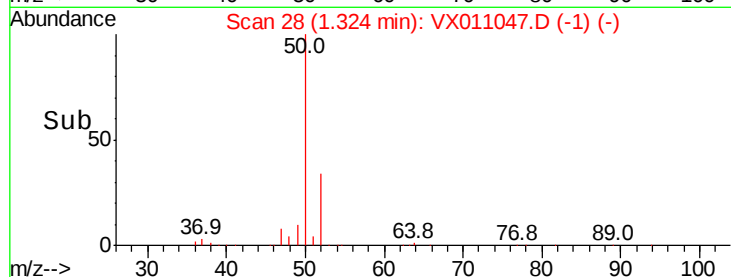
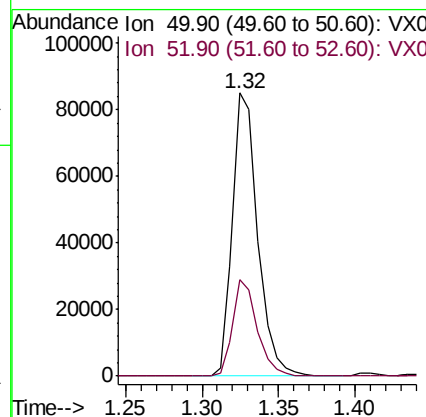
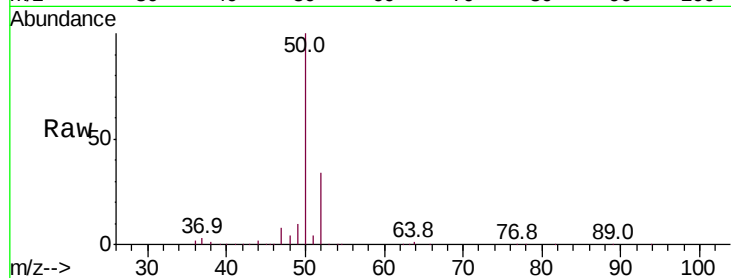
52 34.1 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.179 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011047.D

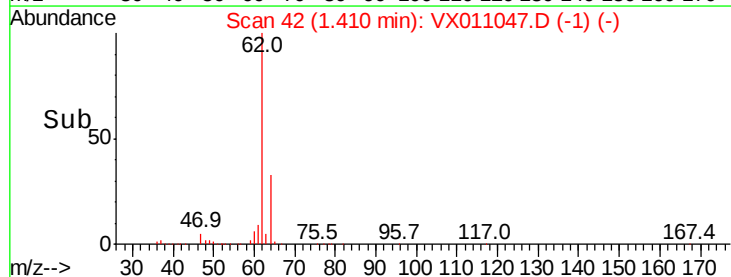
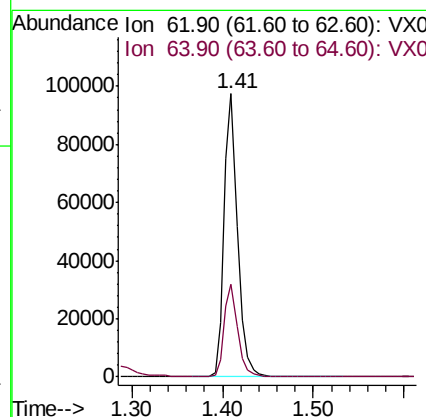
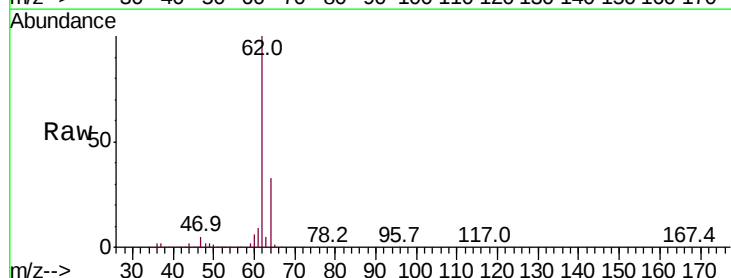
Acq: 23 Jul 2019 09:40

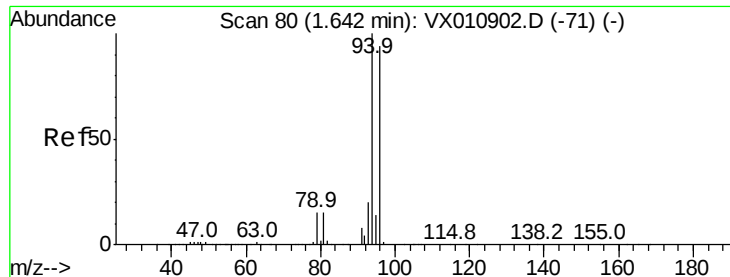
Tgt Ion: 62 Resp: 101210

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 43.254 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 52290

Ion Ratio Lower Upper

94 100

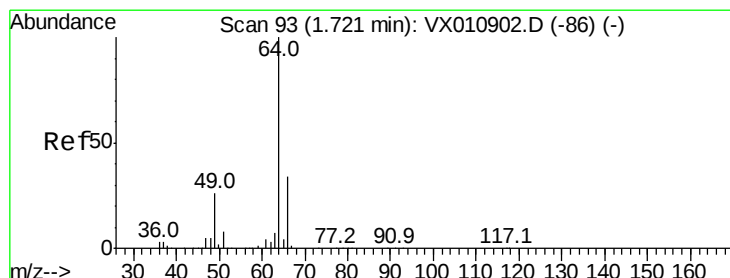
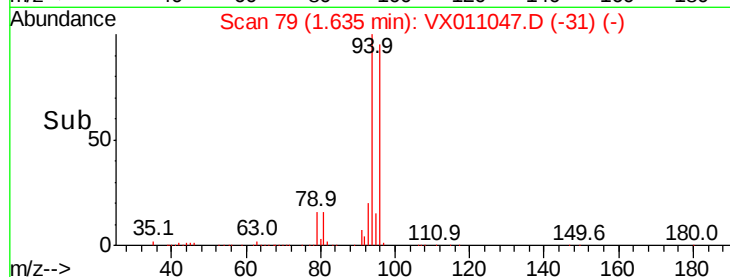
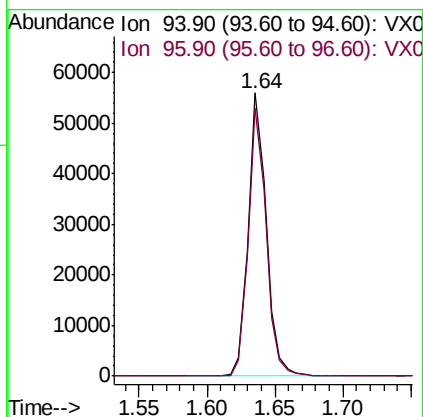
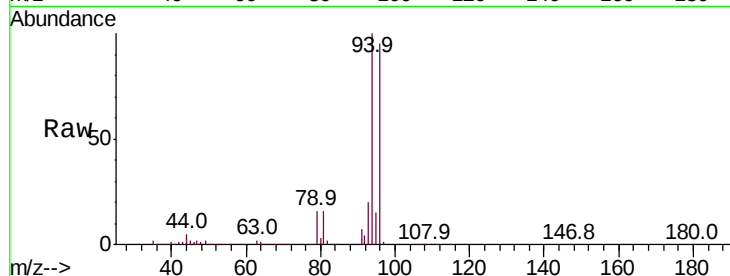
96 94.6 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 48.959 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011047.D

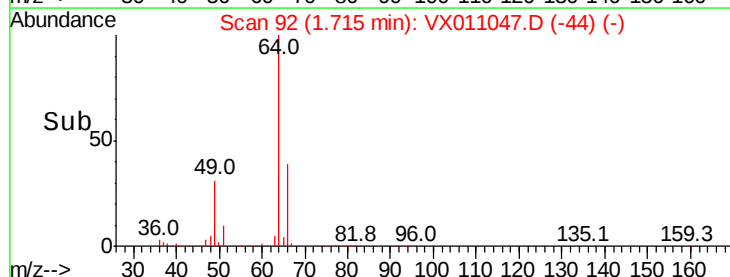
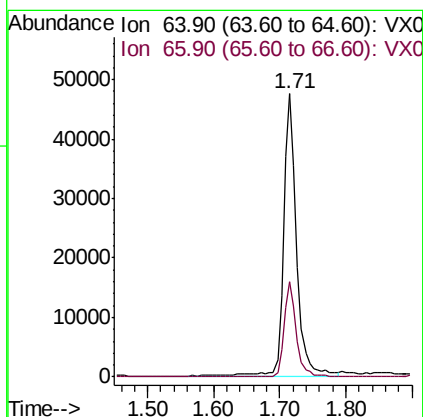
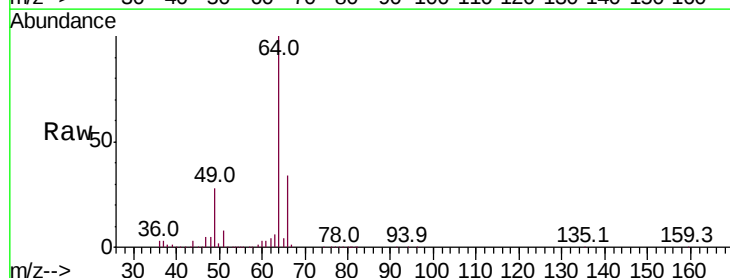
Acq: 23 Jul 2019 09:40

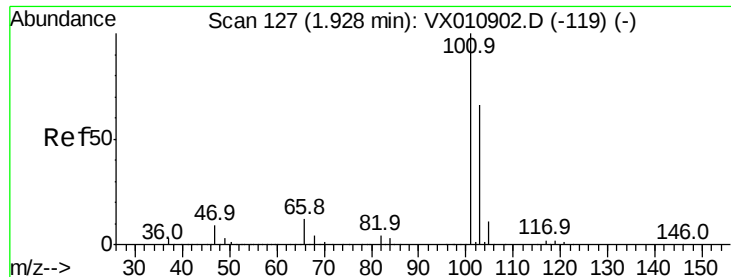
Tgt Ion: 64 Resp: 66745

Ion Ratio Lower Upper

64 100

66 33.6 27.0 40.6





#7

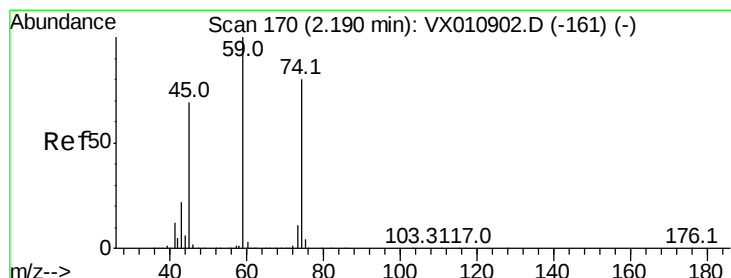
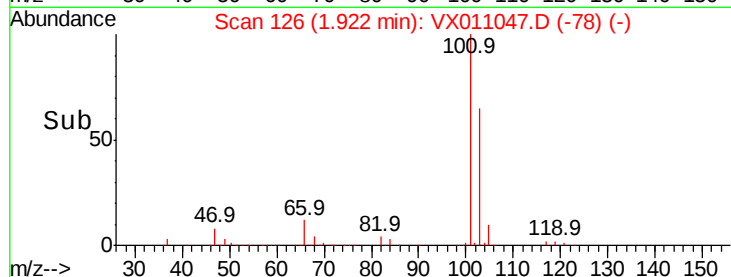
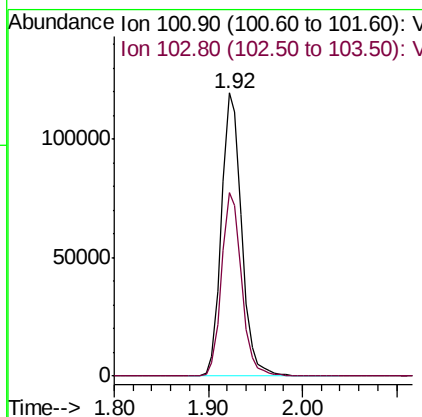
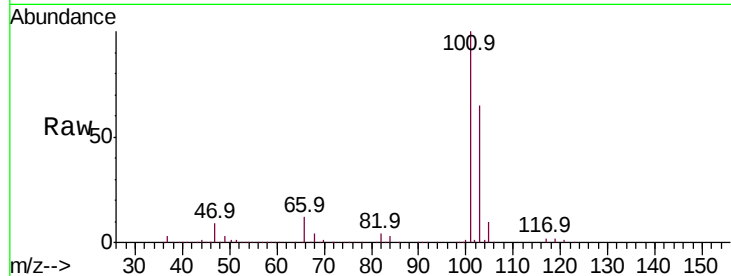
Trichlorofluoromethane
Concen: 48.922 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 177655
Ion Ratio Lower Upper
101 100
103 64.8 52.6 78.8

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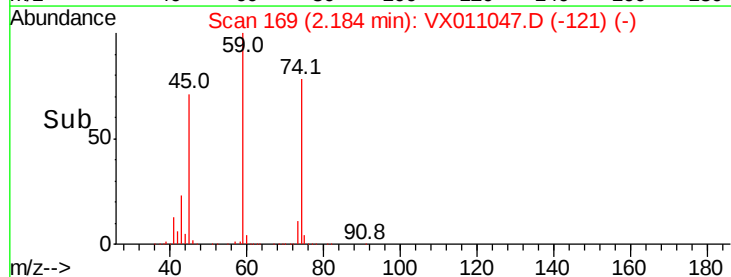
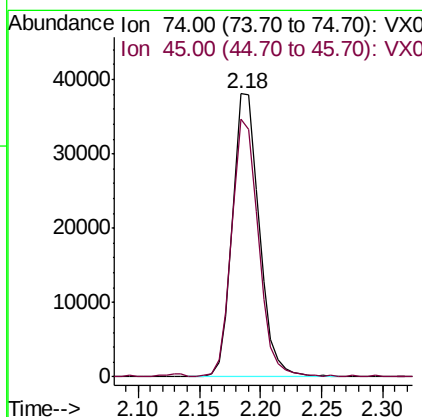
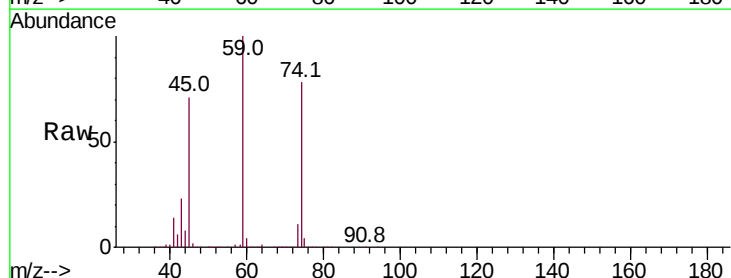
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7/25/2019 3:06:37 PM

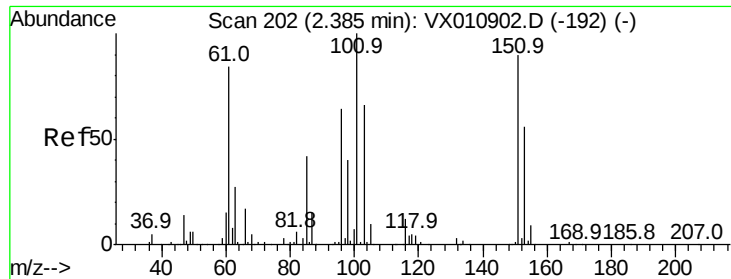


#8

Diethyl Ether
Concen: 46.121 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 74 Resp: 57705
Ion Ratio Lower Upper
74 100
45 89.3 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.814 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

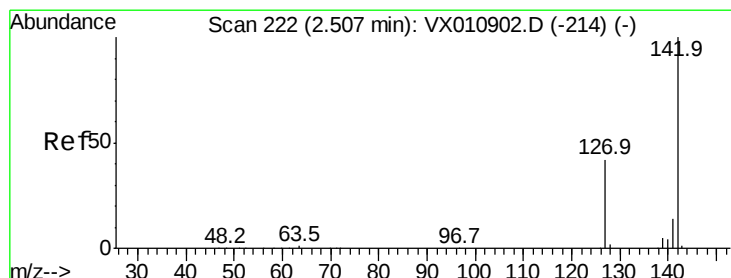
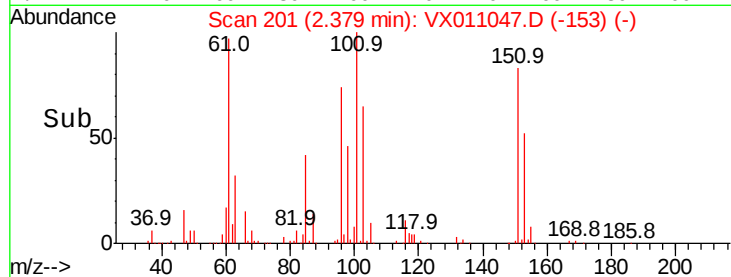
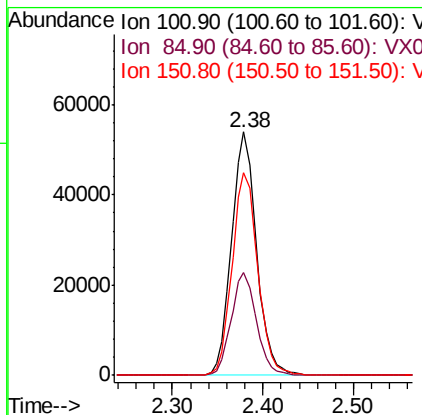
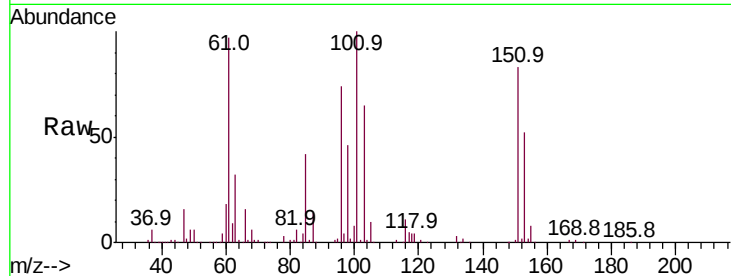
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	103286
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.6	52.0
151	85.4	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 46.455 ug/l

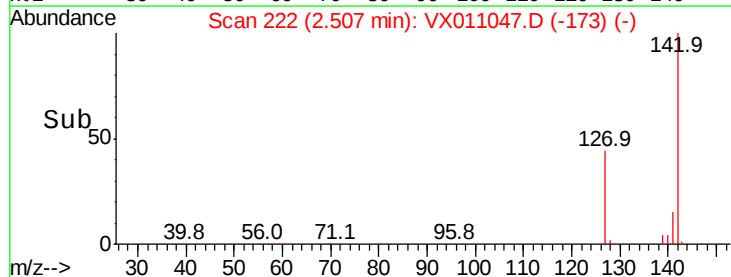
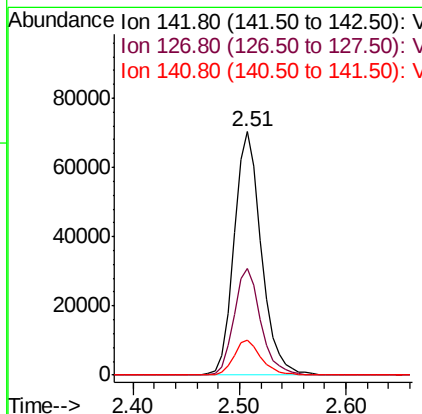
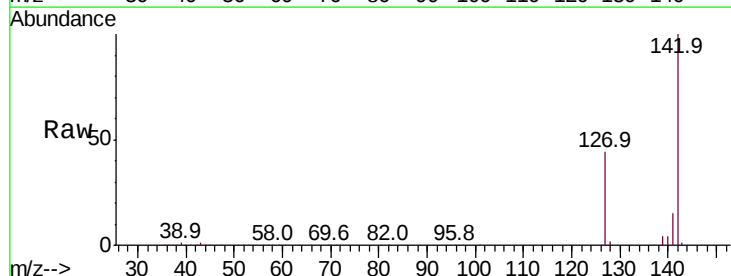
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Tgt Ion:	142	Resp:	126401
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.2	51.4
141	14.4	11.7	17.5





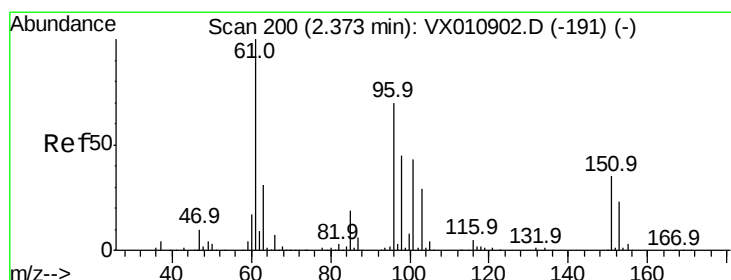
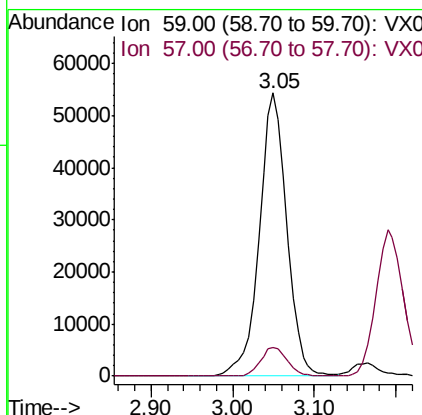
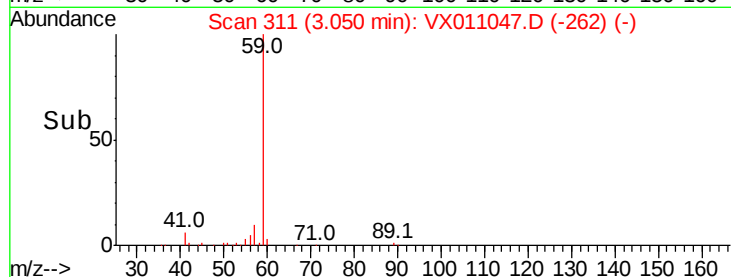
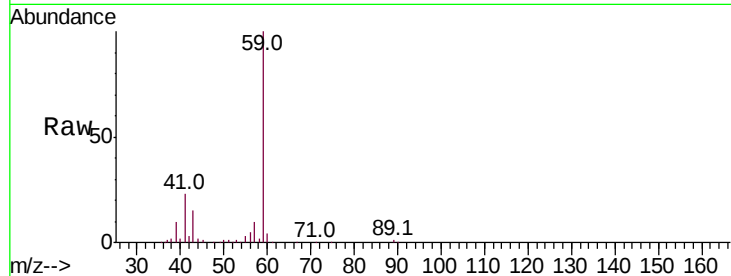
#11
Tert butyl alcohol
Concen: 225.568 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 127818
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9

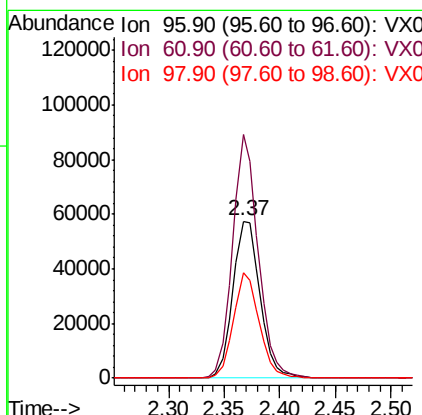
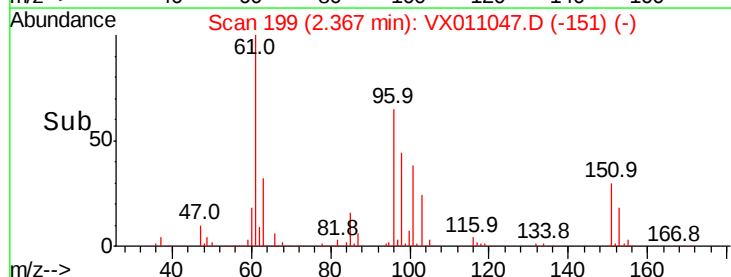
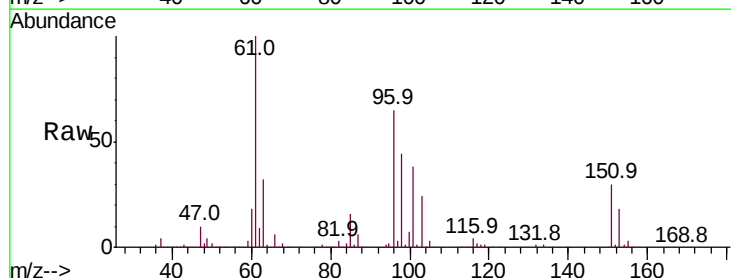
Manual Integrations
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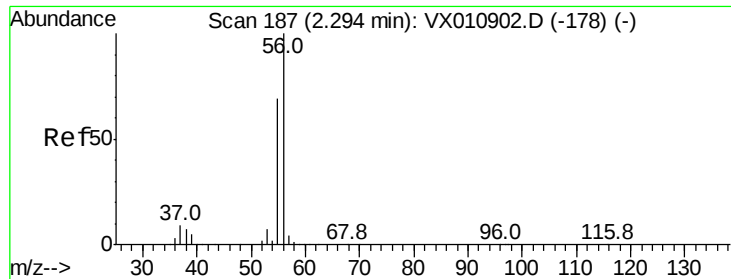
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#12
1,1-Dichloroethene
Concen: 47.750 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 96 Resp: 97276
Ion Ratio Lower Upper
96 100
61 154.9 115.0 172.4
98 67.4 52.2 78.2





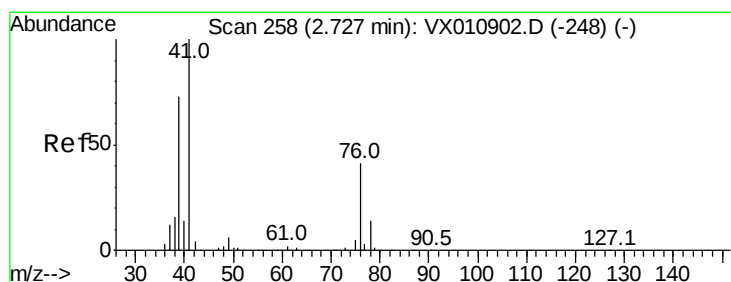
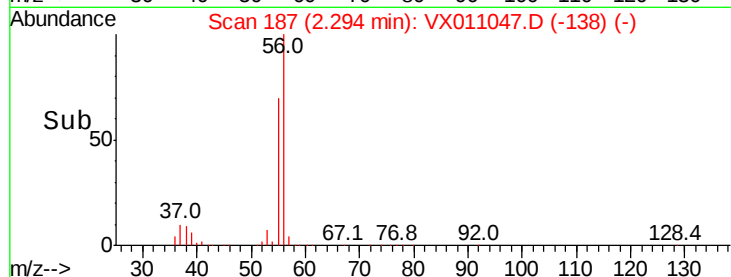
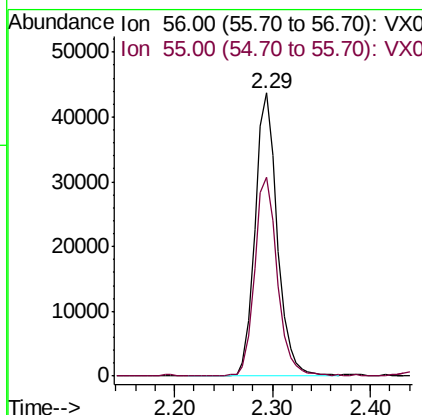
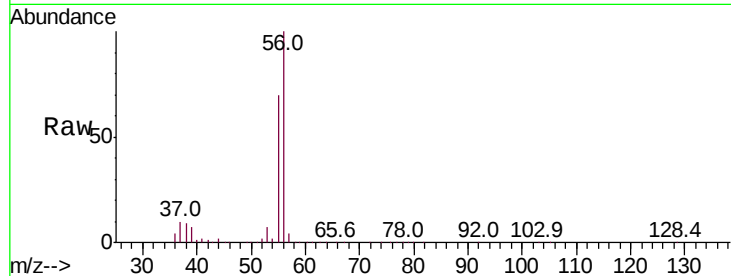
#13
Acrolein
Concen: 210.333 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 68861
Ion Ratio Lower Upper
56 100
55 72.2 55.9 83.9

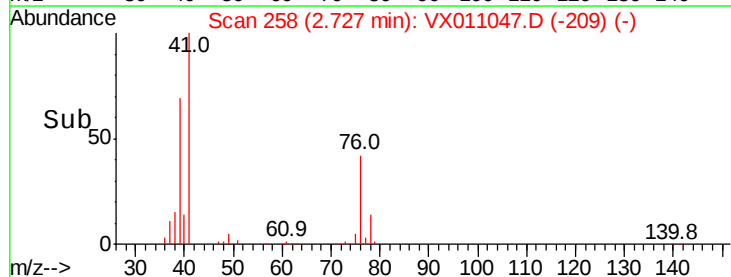
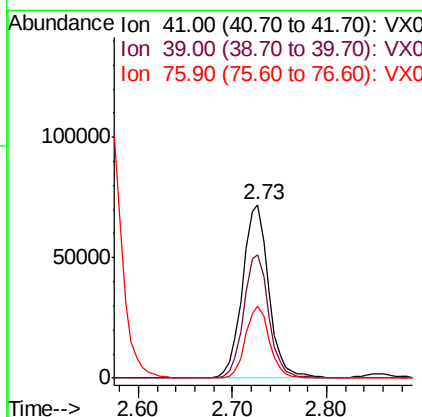
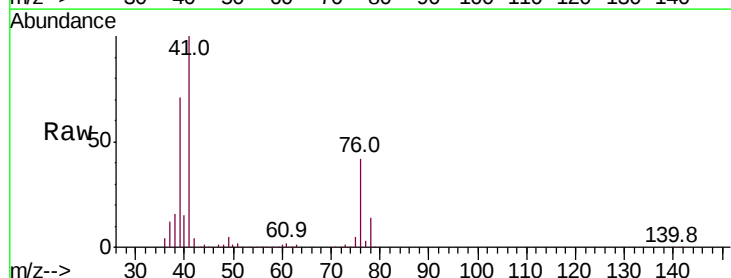
Manual Integrations
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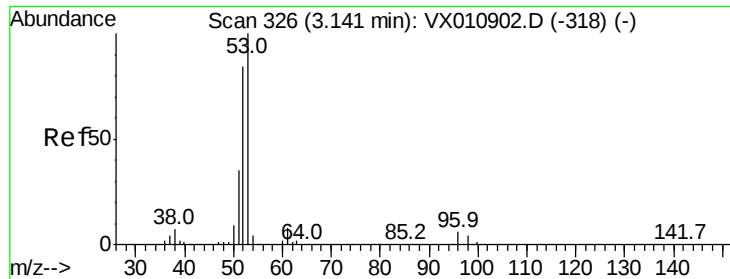
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#14
Allyl chloride
Concen: 47.765 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 41 Resp: 141341
Ion Ratio Lower Upper
41 100
39 67.5 53.6 80.4
76 37.5 29.7 44.5





#15

Acrylonitrile

Concen: 235.520 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

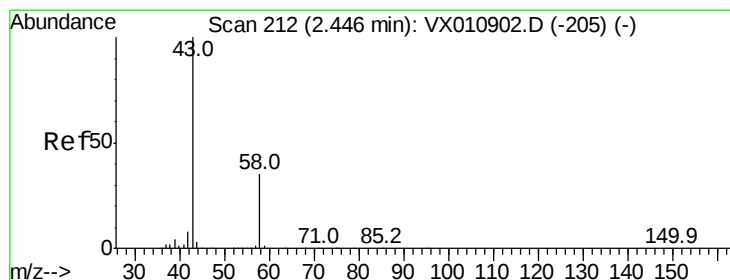
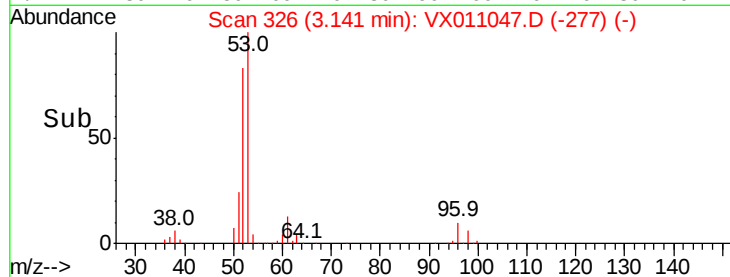
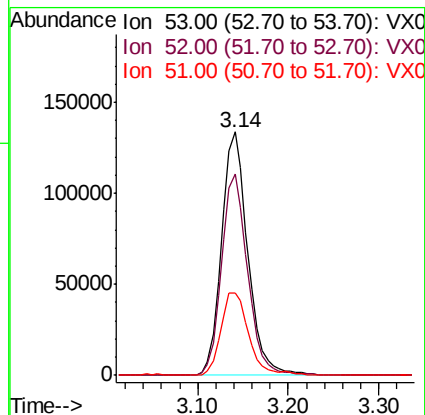
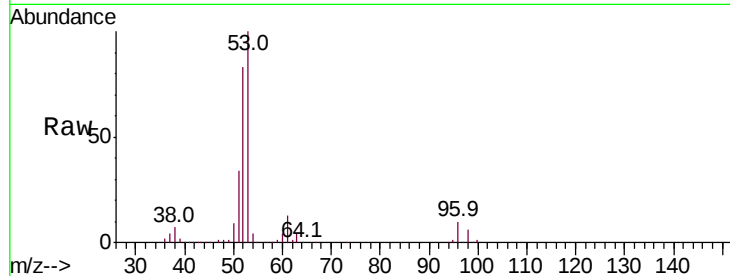
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	269676
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.5	99.7
51	36.0	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 303.284 ug/l

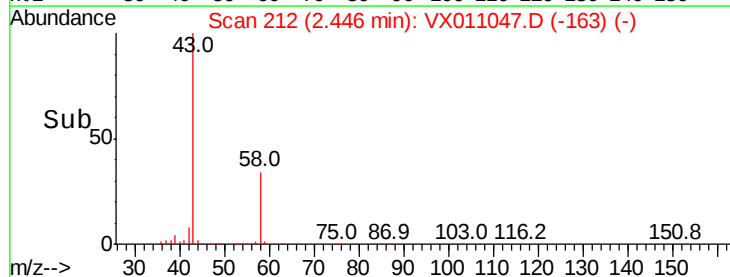
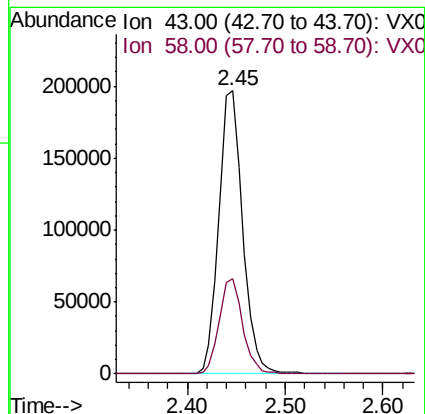
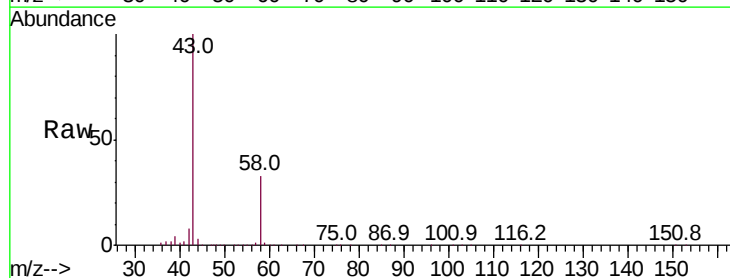
RT: 2.45 min Scan# 212

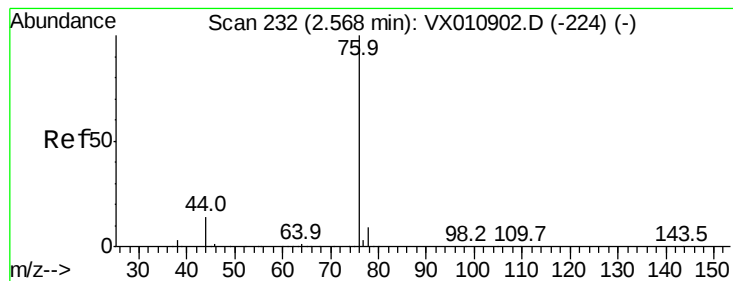
Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Tgt Ion:	43	Resp:	333283
Ion Ratio	Lower	Upper	
43	100		
58	33.5	27.7	41.5





#17

Carbon Disulfide

Concen: 44.371 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 231868

Ion Ratio Lower Upper

76 100

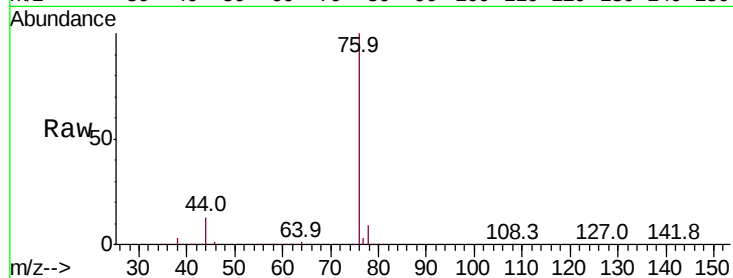
78 9.4 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

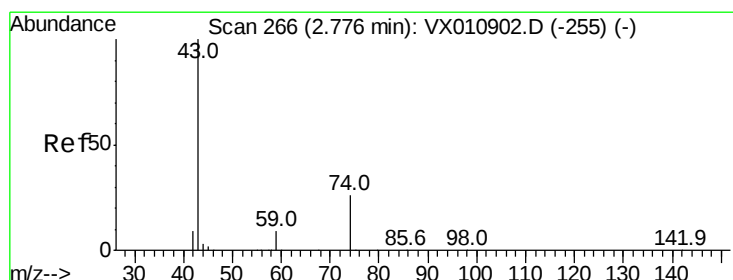
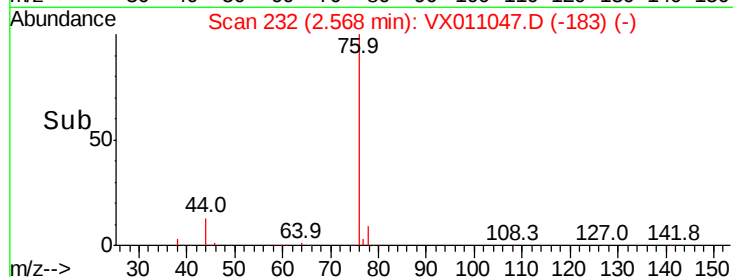
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.908 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX011047.D

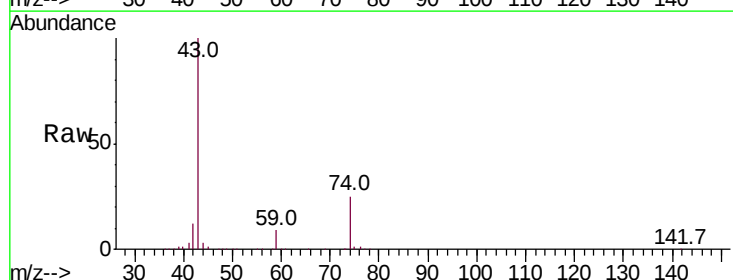
Acq: 23 Jul 2019 09:40

Tgt Ion: 43 Resp: 119877

Ion Ratio Lower Upper

43 100

74 26.0 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

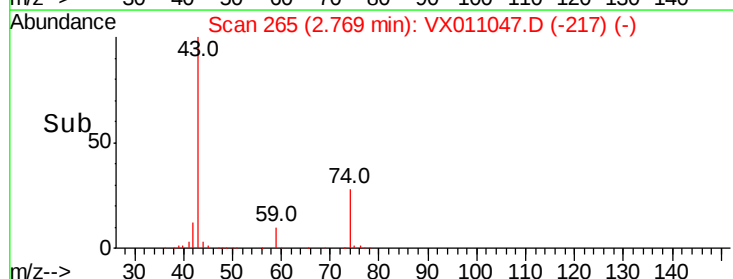
60000

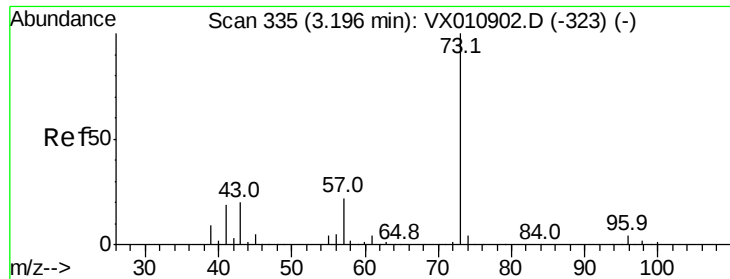
40000

20000

0

Time-->





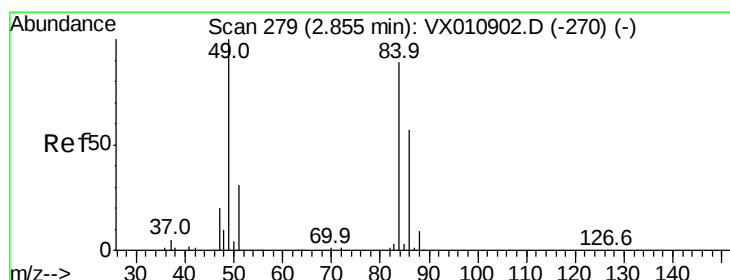
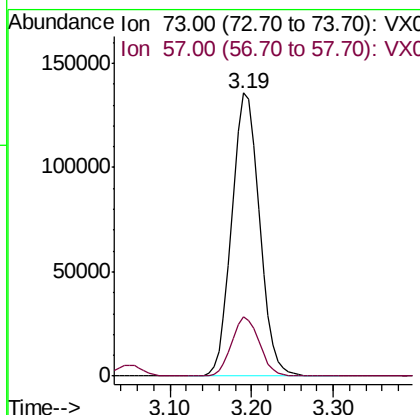
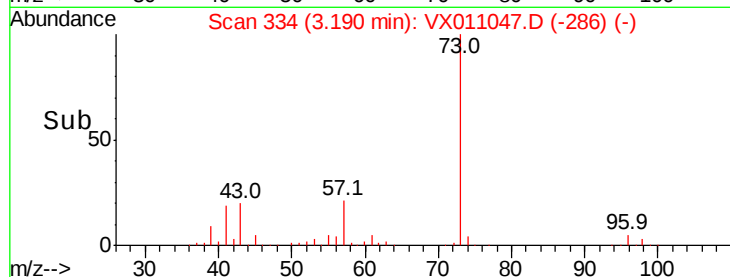
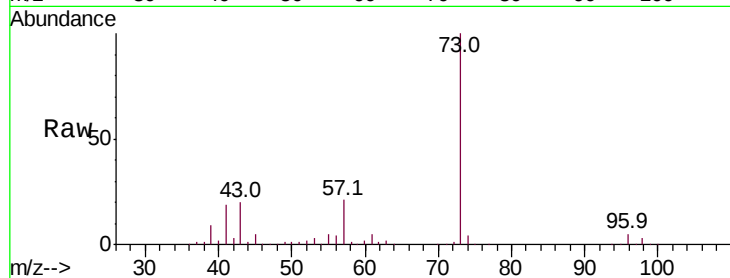
#19
Methyl tert-butyl Ether
Concen: 48.529 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 318257
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

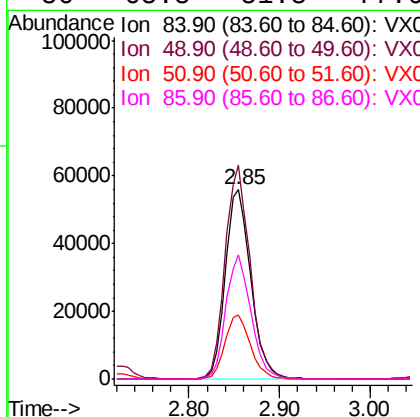
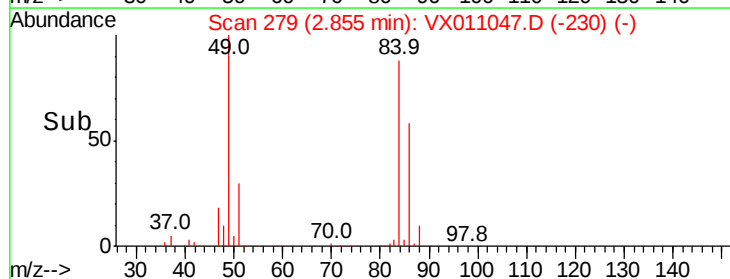
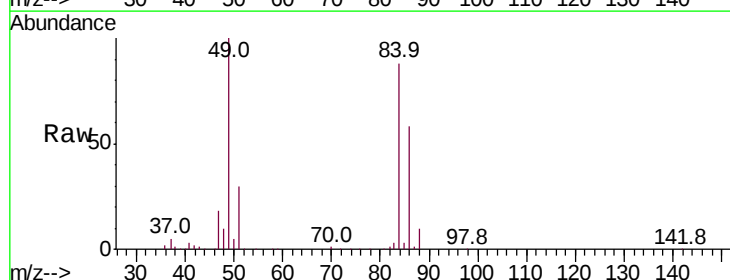
Manual Integrations
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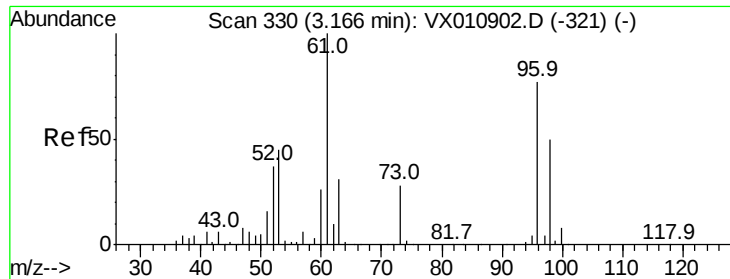
MMDadoda
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#20
Methylene Chloride
Concen: 46.692 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 84 Resp: 108738
Ion Ratio Lower Upper
84 100
49 113.1 89.9 134.9
51 33.9 27.8 41.6
86 65.5 51.8 77.6





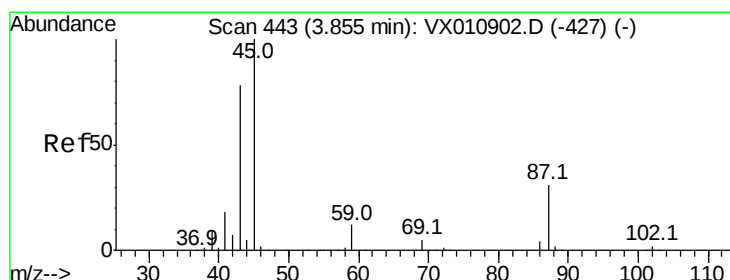
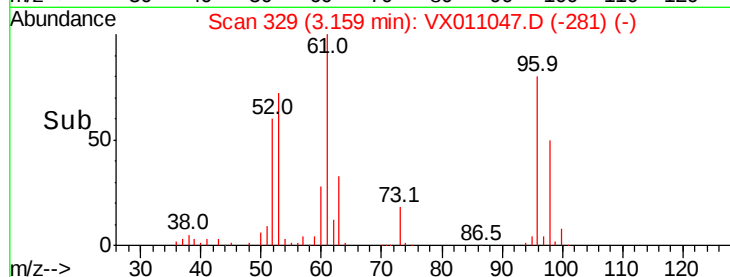
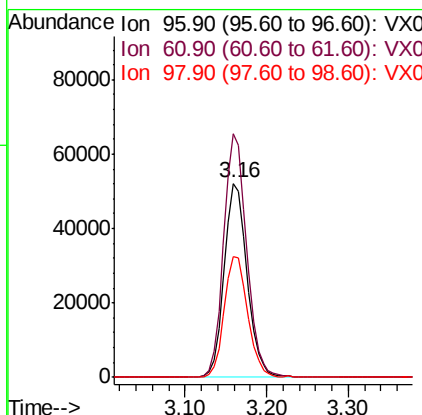
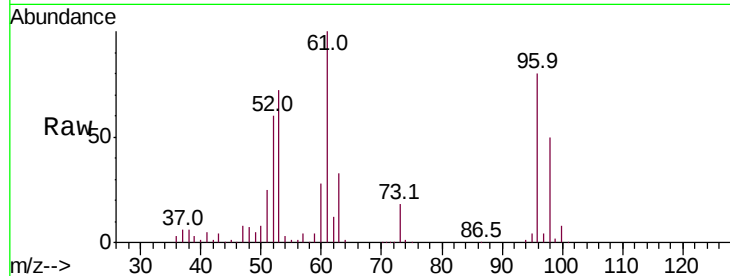
#21
trans-1,2-Dichloroethene
Concen: 47.022 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.7	104.2	156.2
98	62.3	52.2	78.4

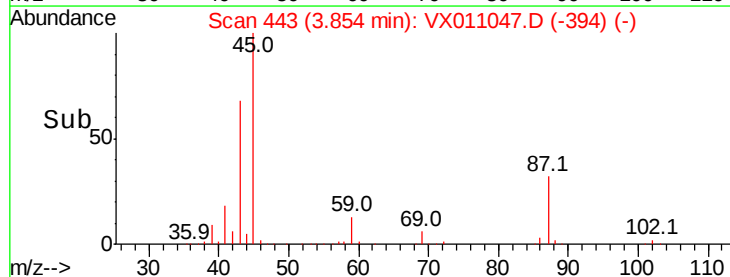
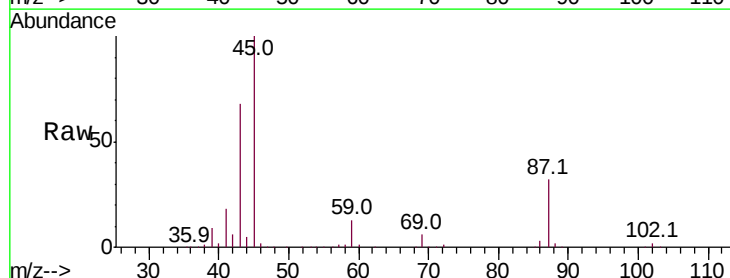
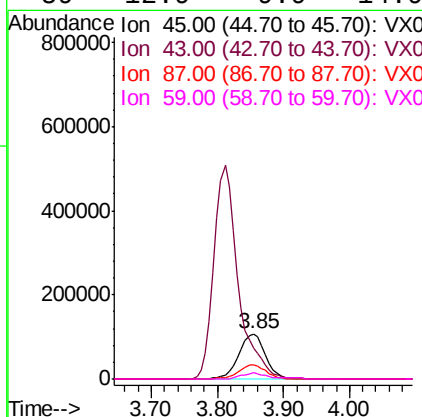
Manual Integrations
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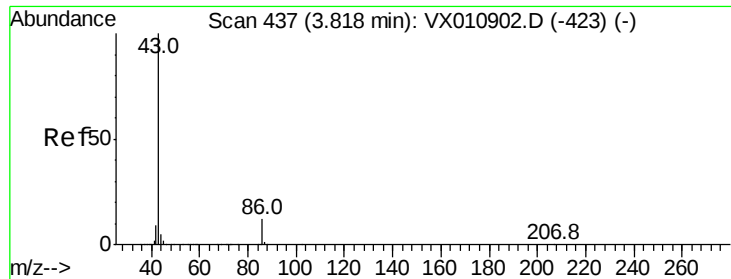
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#22
Diisopropyl ether
Concen: 47.856 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.8	62.3	93.5
87	32.0	25.0	37.4
59	12.9	9.9	14.9





#23

Vinyl Acetate

Concen: 246.586 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Tot Ion: 43 Resp: 1303906

Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0

Instrument :

MSVOA_X

ClientSampleId :

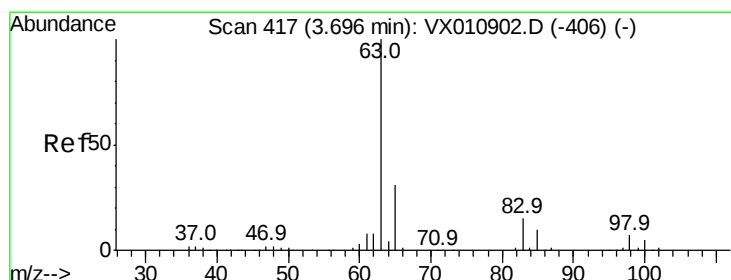
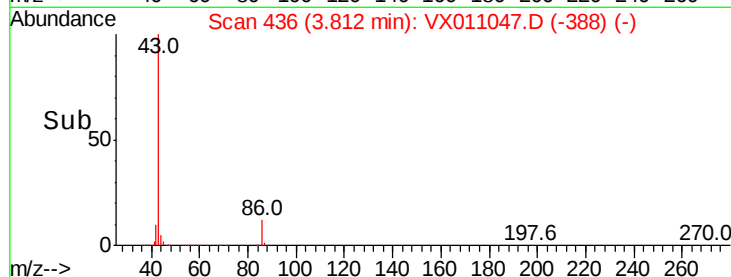
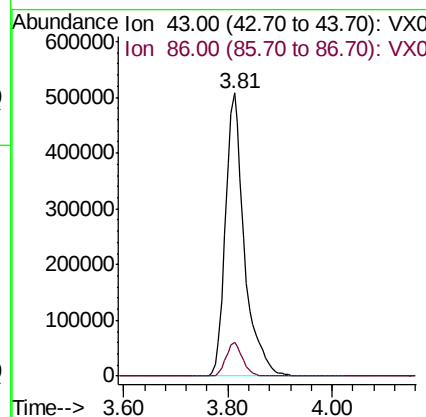
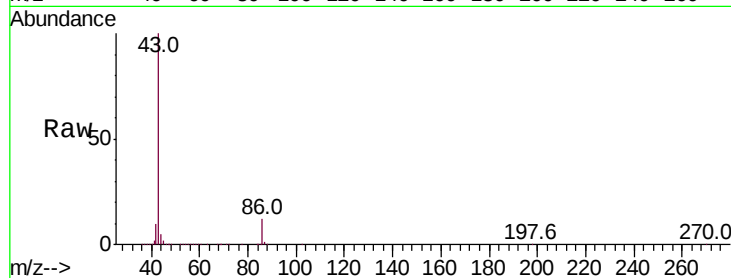
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 47.319 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

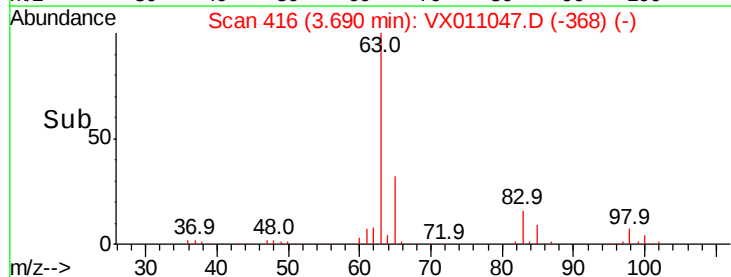
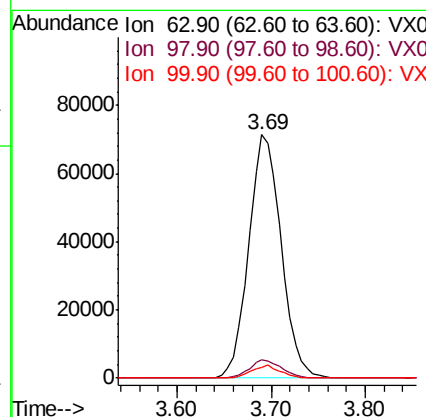
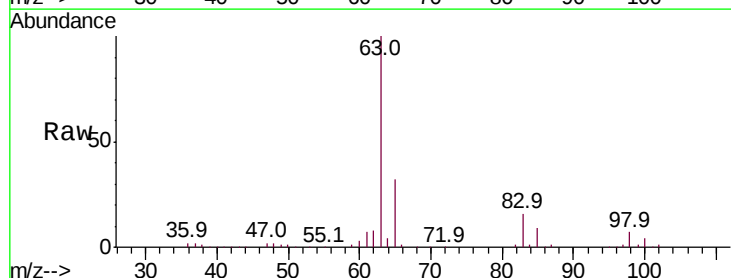
Tgt Ion: 63 Resp: 171502

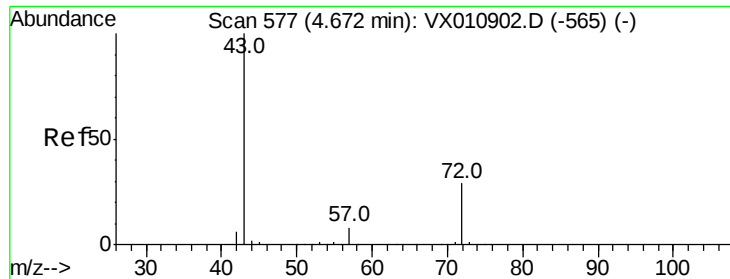
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 263.387 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 415486

Ion Ratio Lower Upper

43 100

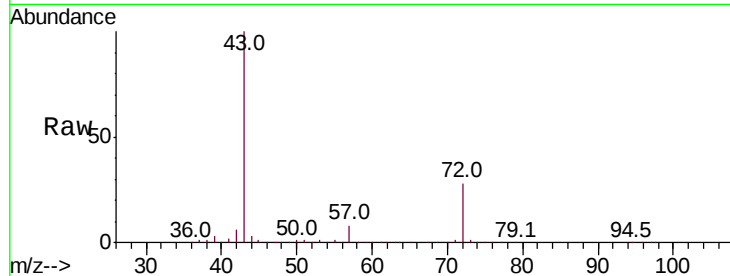
72 28.3 23.0 34.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

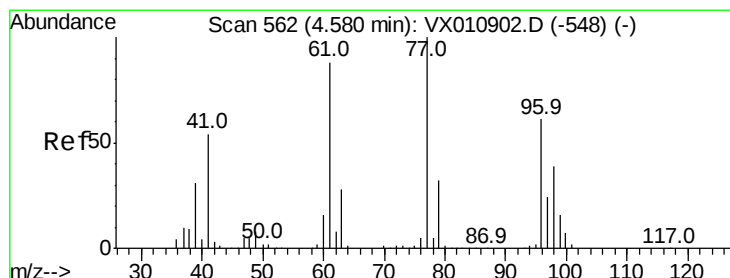
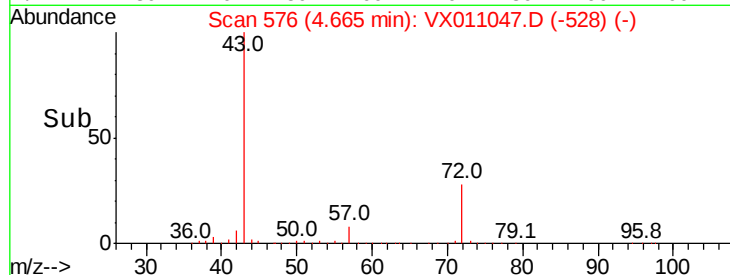
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.131 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011047.D

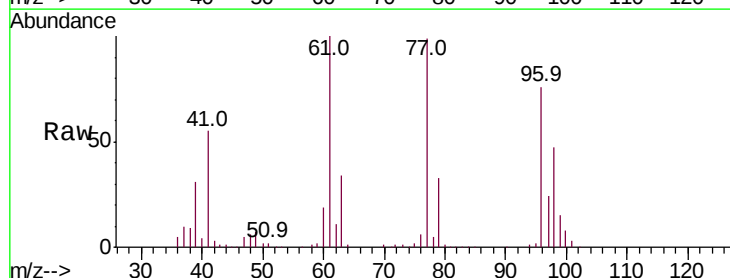
Acq: 23 Jul 2019 09:40

Tgt Ion: 77 Resp: 149188

Ion Ratio Lower Upper

77 100

97 24.9 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

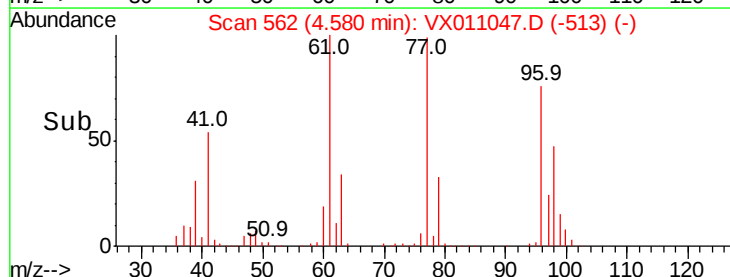
20000

10000

0

4.40 4.50 4.58 4.70

Time-->





#27

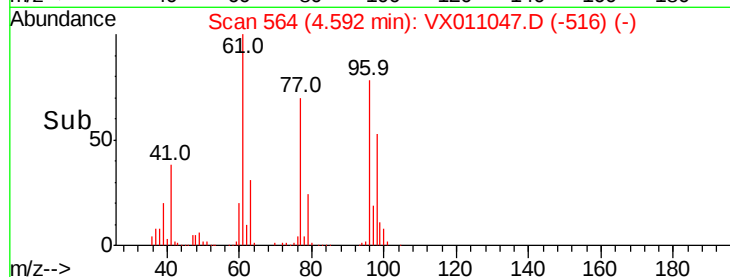
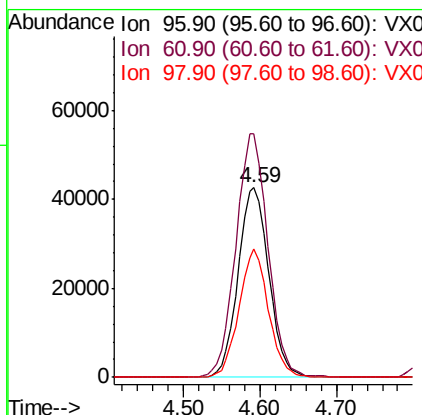
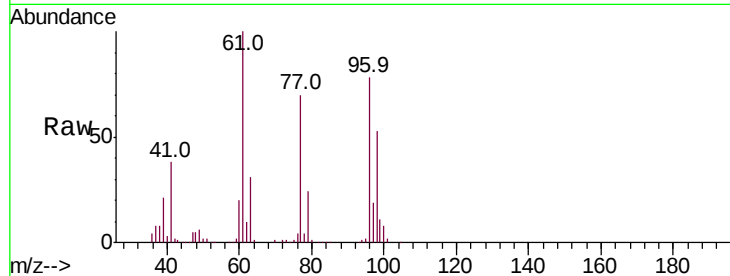
cis-1,2-Dichloroethene
 Concen: 47.775 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	119515		
61	134.0	0.0	269.0	
98	64.6	0.0	131.4	

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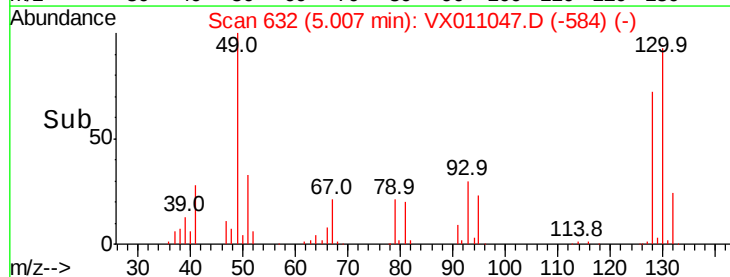
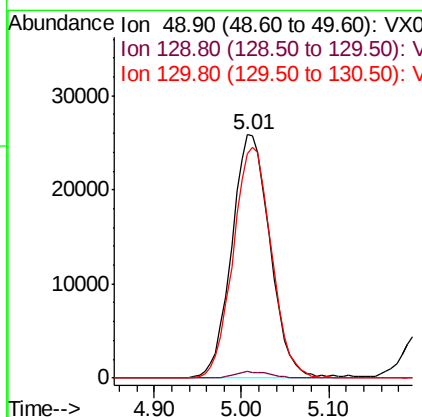
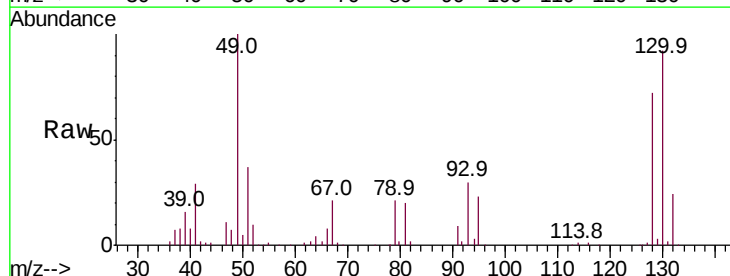
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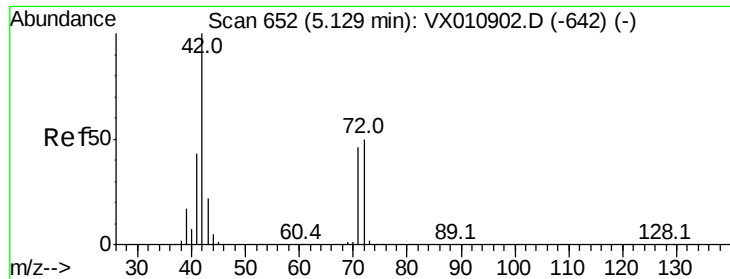


#28

Bromochloromethane
 Concen: 46.203 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78912		
129	2.6	0.0	5.2	
130	94.5	76.9	115.3	





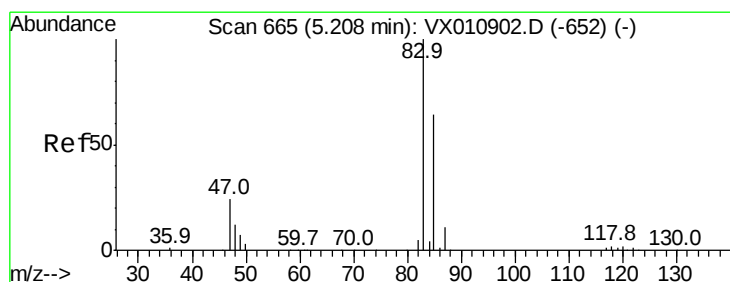
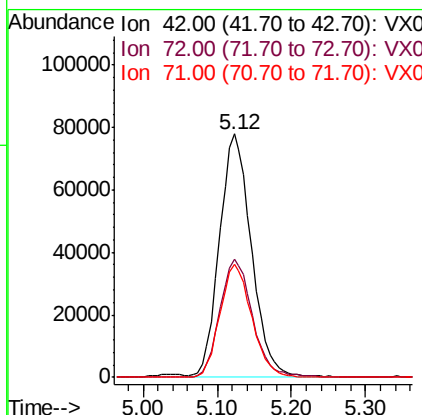
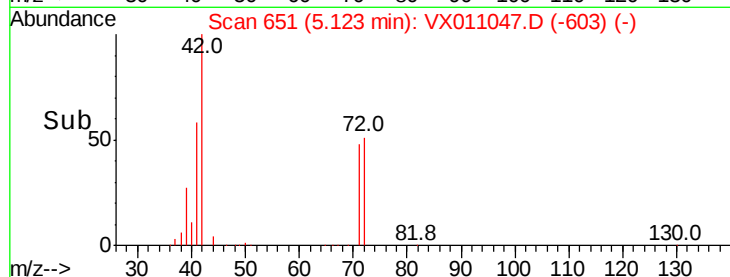
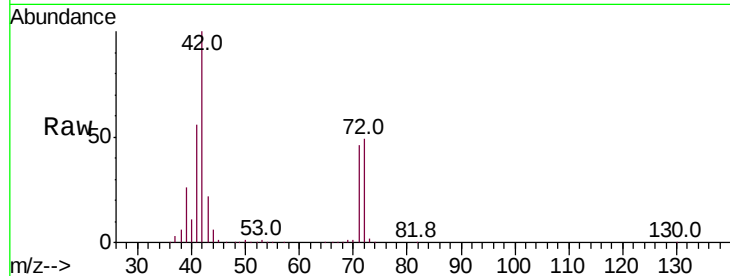
#29
Tetrahydrofuran
Concen: 231.859 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	39.8	59.8
71	46.5	37.0	55.4

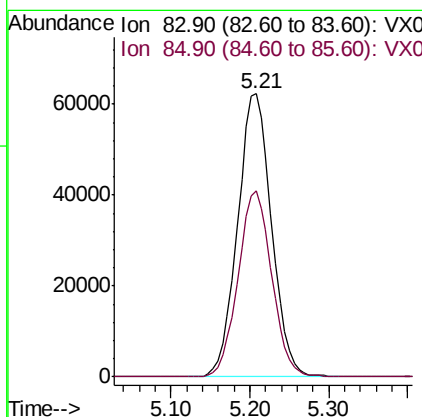
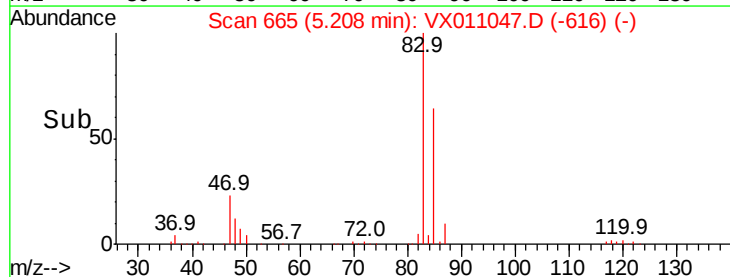
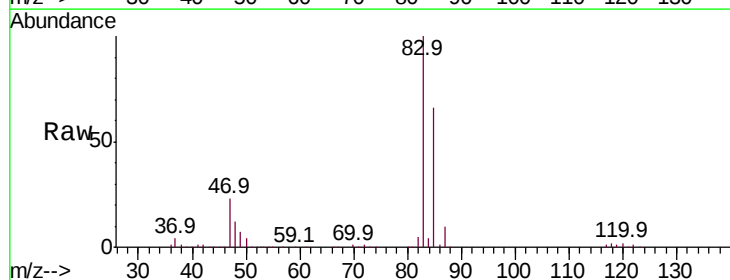
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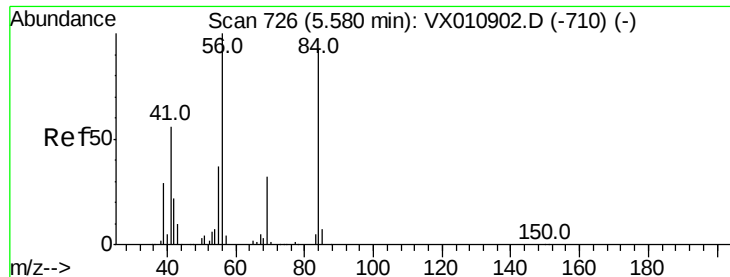
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#30
Chloroform
Concen: 47.513 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.4	77.0





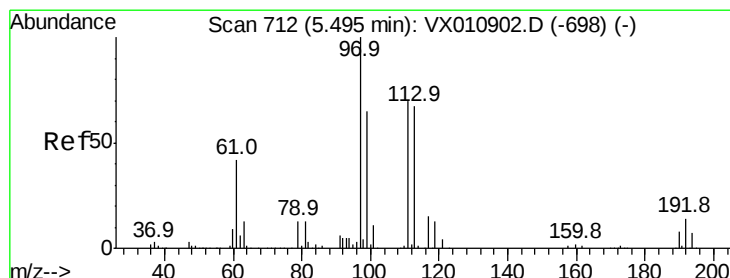
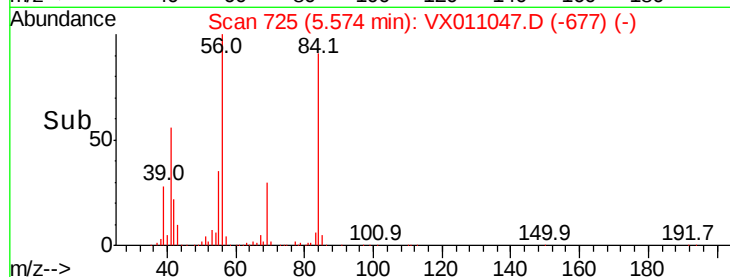
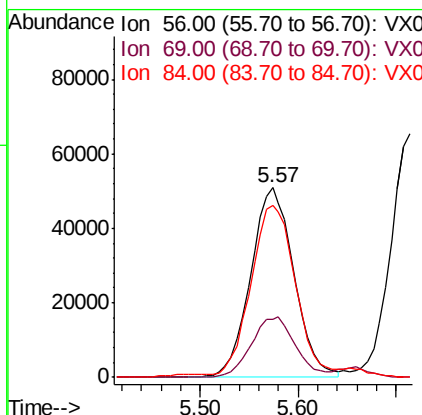
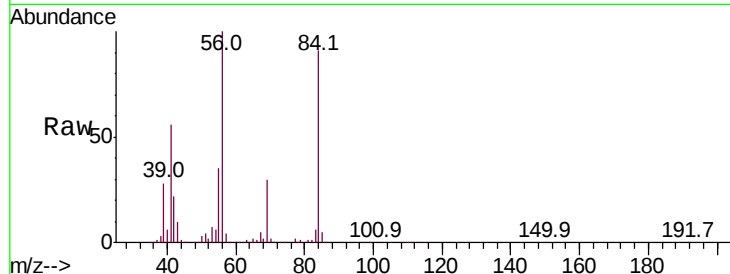
#31
Cyclohexane
Concen: 47.285 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.8	38.8
84	89.1	73.8	110.6

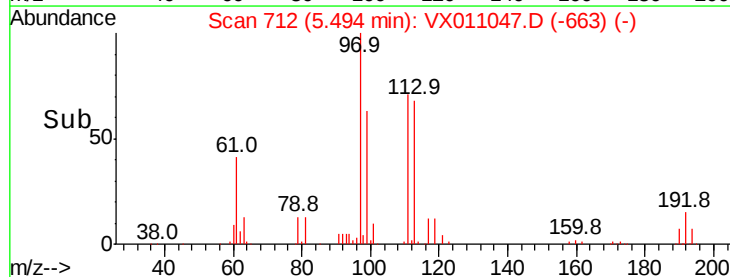
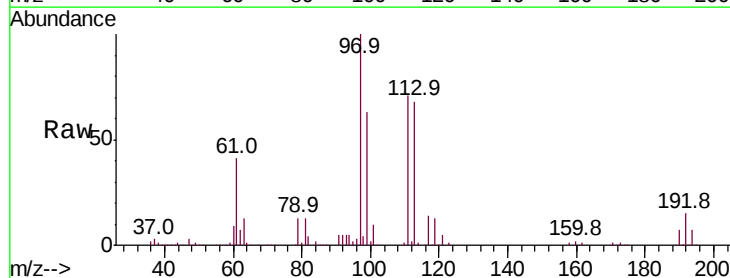
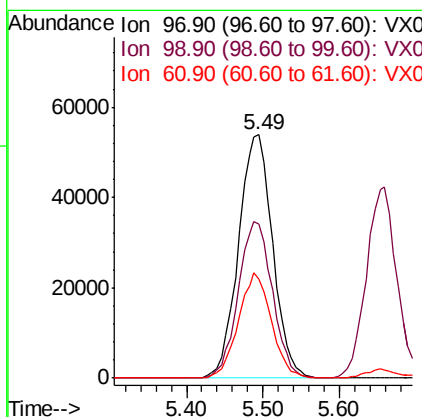
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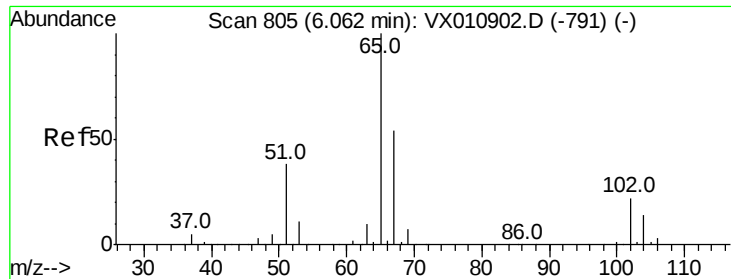
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#32
1,1,1-Trichloroethane
Concen: 49.237 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	41.8	33.0	49.6





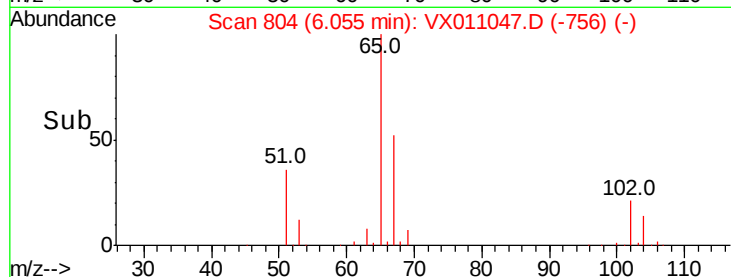
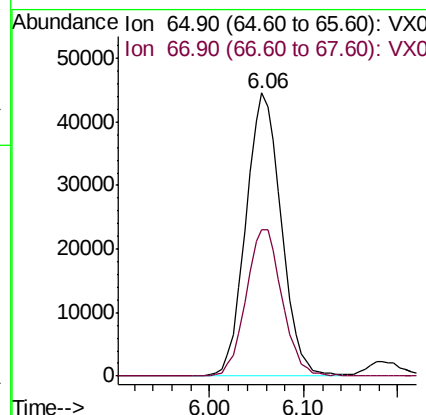
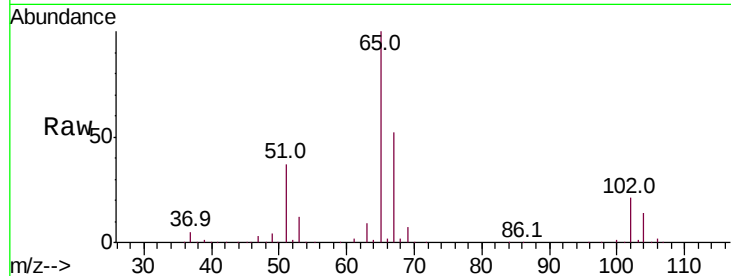
#33
 1,2-Dichloroethane-d4
 Concen: 48.207 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.8

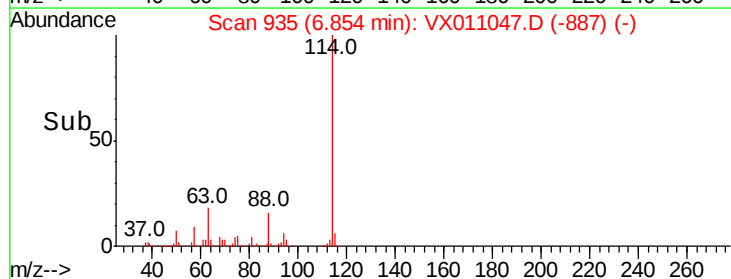
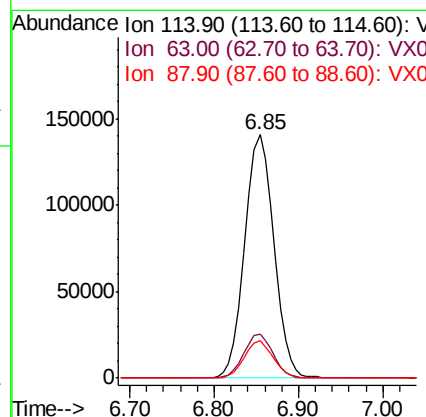
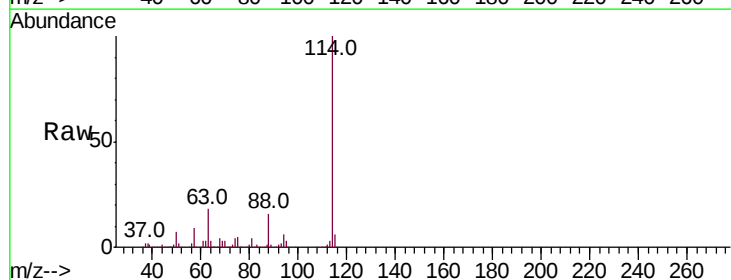
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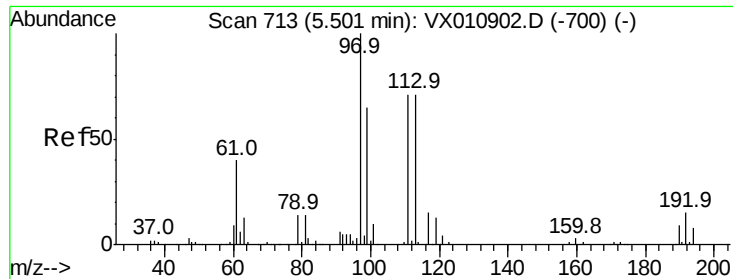
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.6
88	15.5	0.0	29.8





#35

Dibromofluoromethane

Concen: 50.452 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

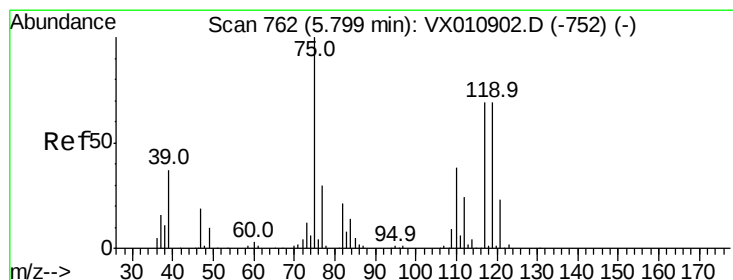
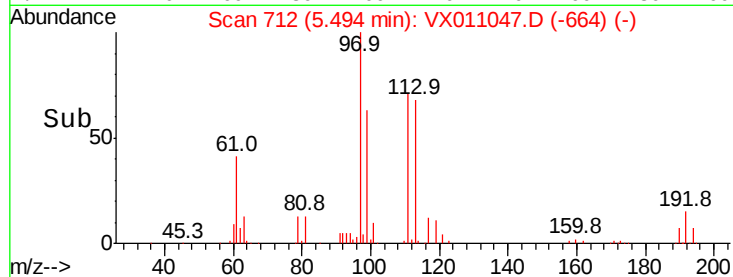
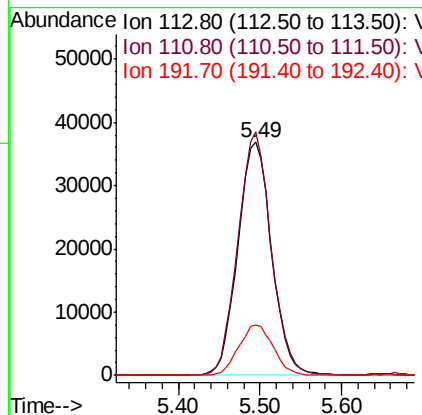
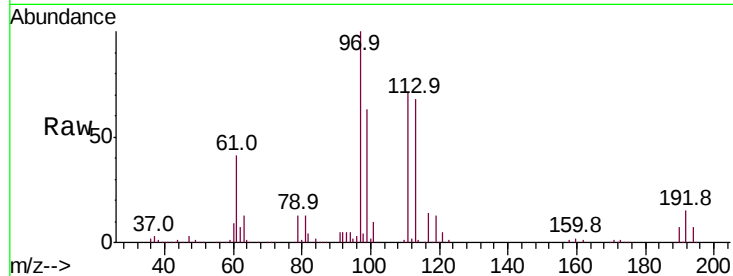
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	105721
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.3	123.5
192	22.1	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 49.416 ug/l

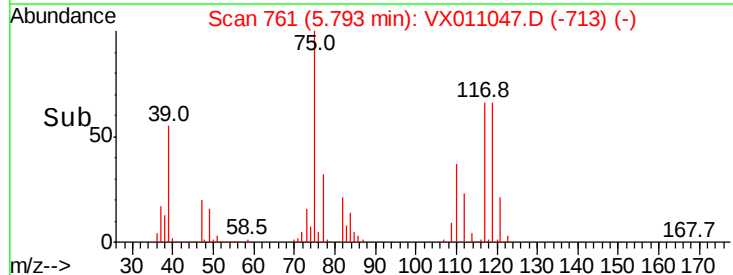
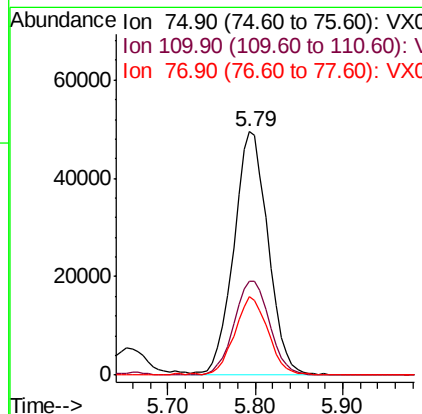
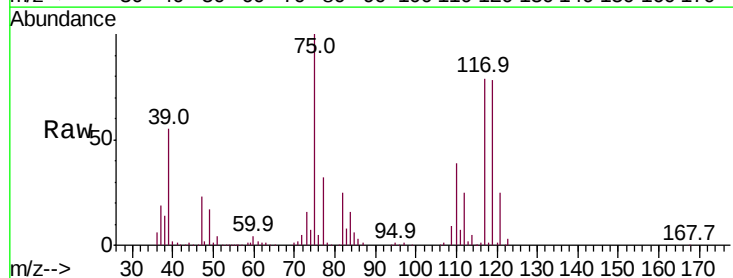
RT: 5.79 min Scan# 761

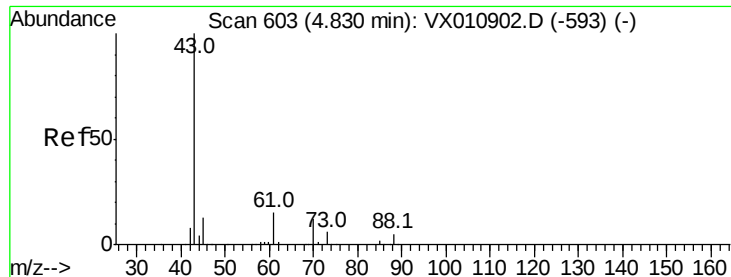
Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Tgt Ion:	75	Resp:	134007
Ion Ratio	Lower	Upper	
75	100		
110	40.2	19.9	59.7
77	32.2	25.0	37.4





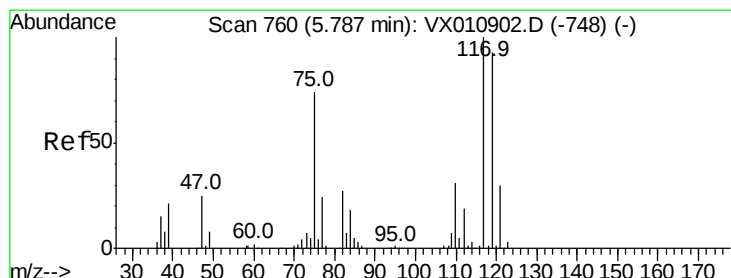
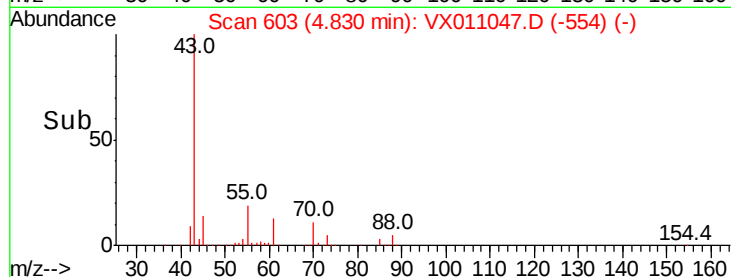
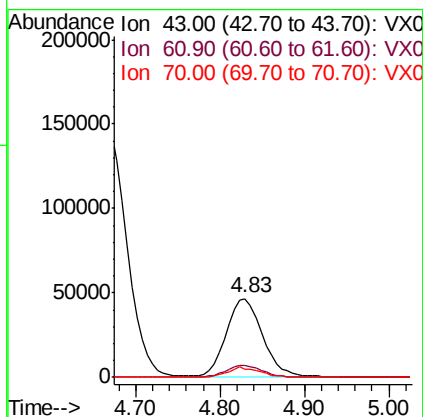
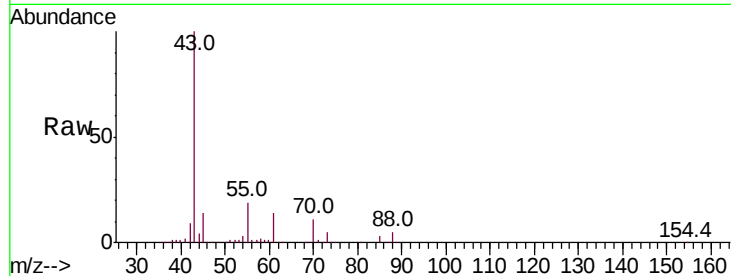
#37
Ethyl Acetate
Concen: 49.131 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.6	17.4
70	11.6	9.1	13.7

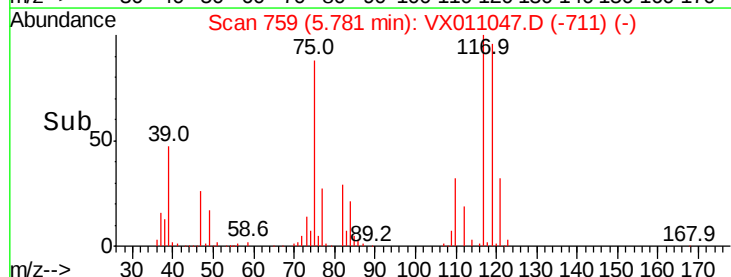
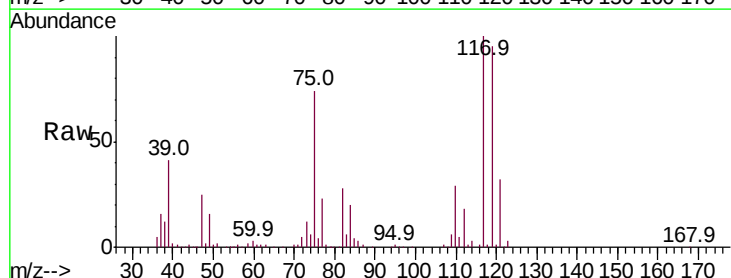
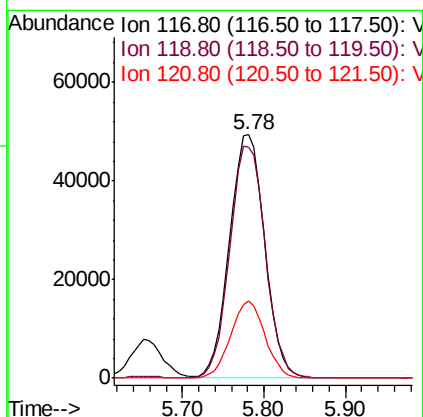
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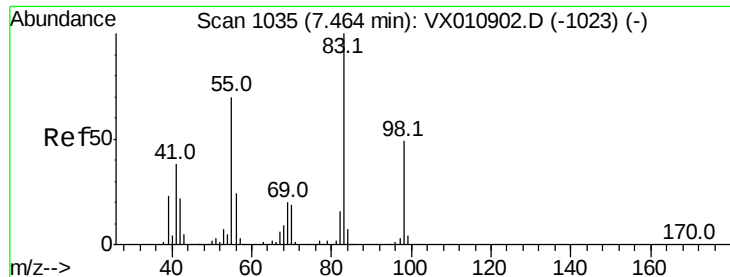
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#38
Carbon Tetrachloride
Concen: 52.363 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.2	111.2
121	31.9	24.2	36.2





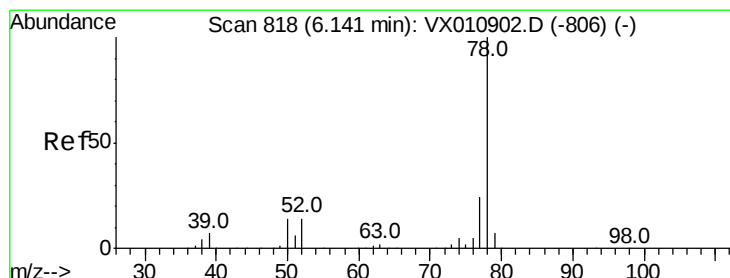
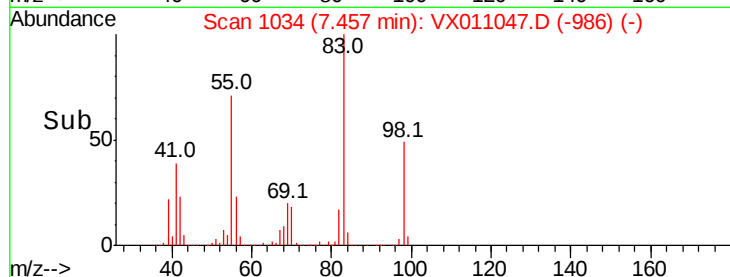
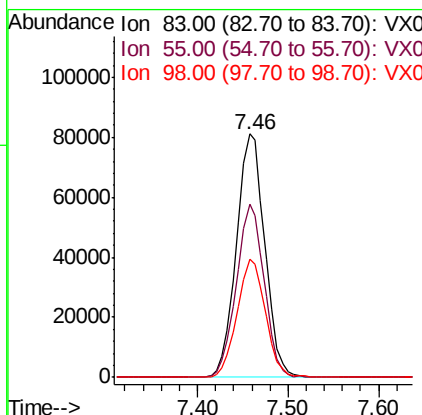
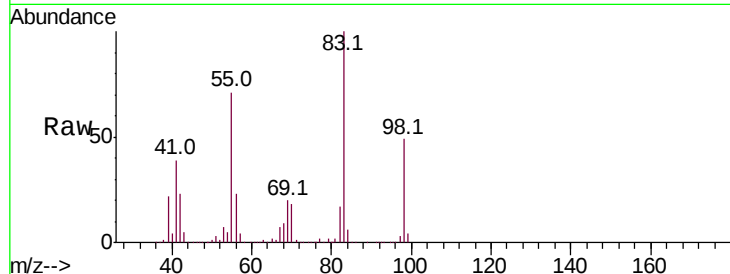
#39
Methvlcvclohexane
Concen: 50.019 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.0	56.2	84.4
98	48.5	39.0	58.4

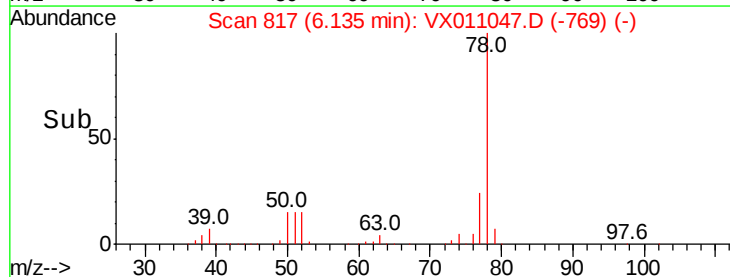
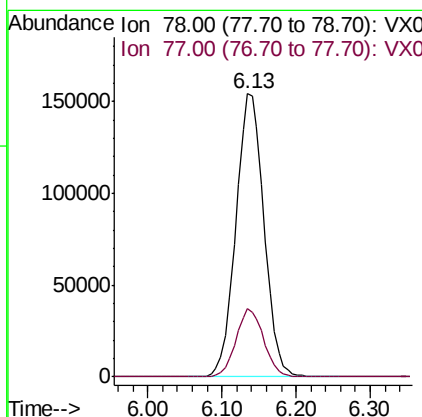
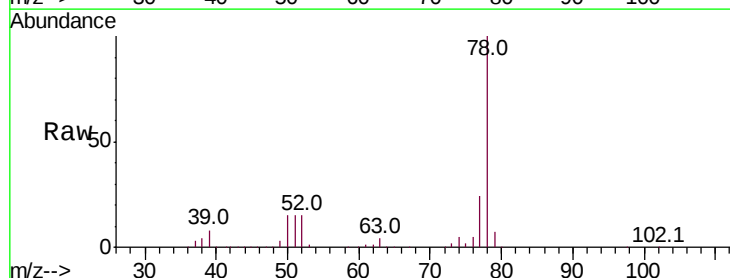
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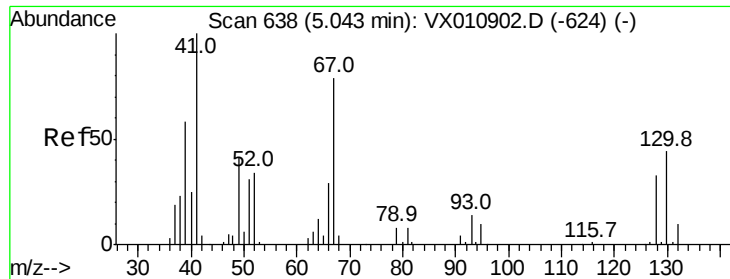
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#40
Benzene
Concen: 49.176 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





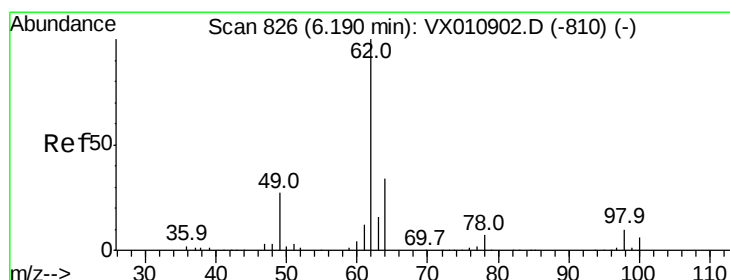
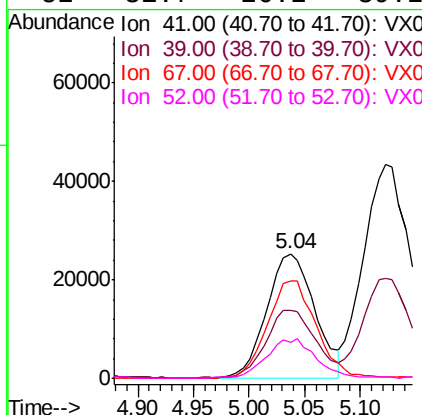
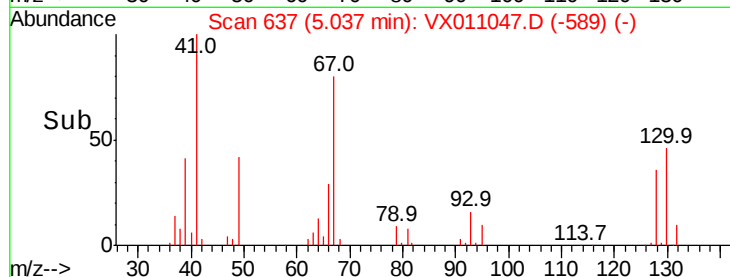
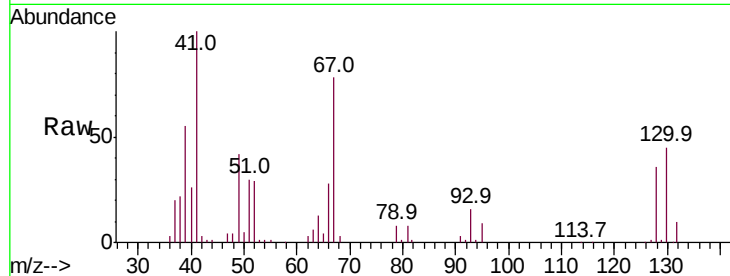
#41
Methacrylonitrile
Concen: 48.347 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	45.4	68.2	
67	79.7	65.9	98.9	
52	31.7	26.2	39.2	

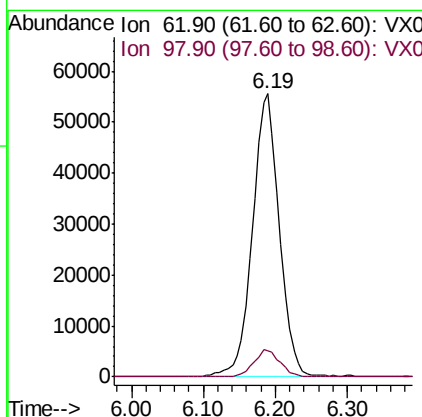
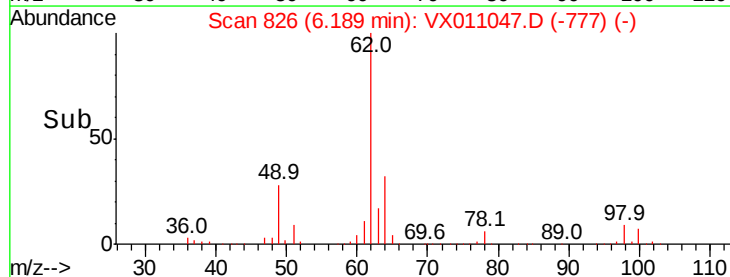
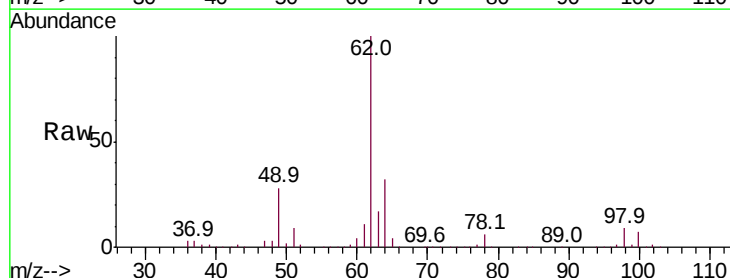
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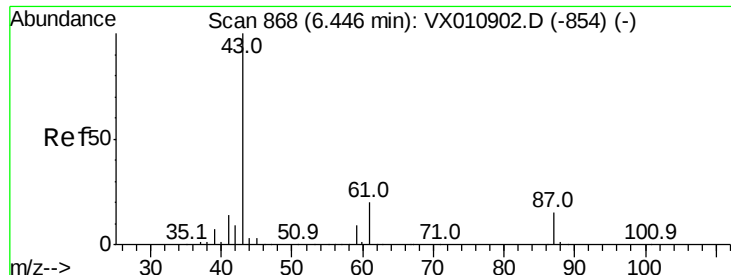
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#42
1,2-Dichloroethane
Concen: 49.860 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	20.0	





#43

Isopropyl Acetate

Concen: 50.026 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

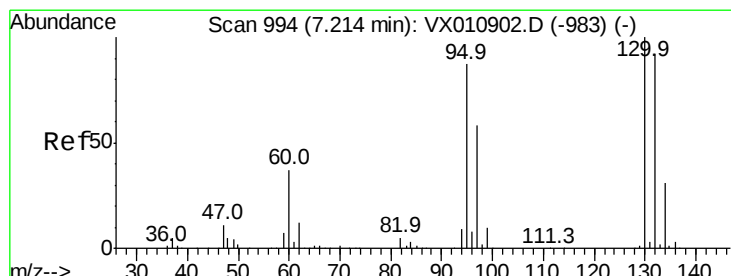
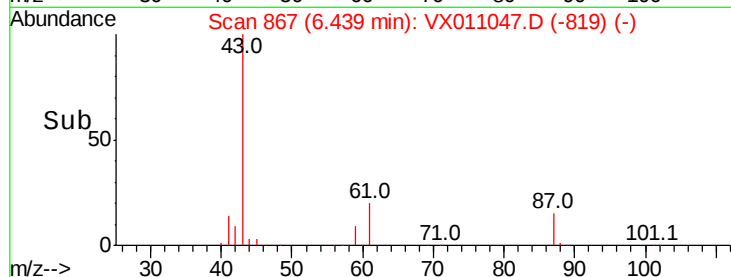
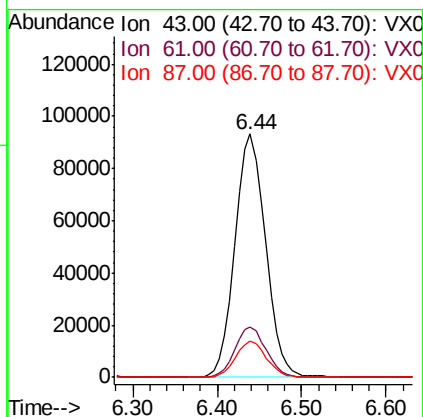
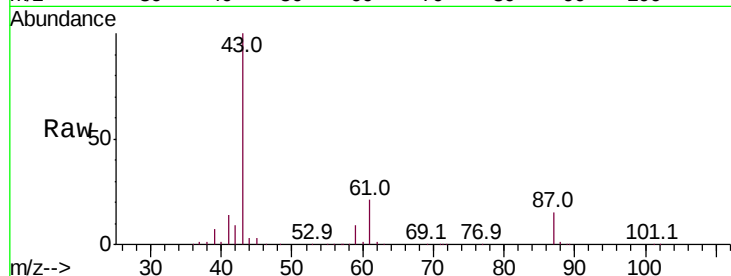
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	228418
Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.1	25.7
87	15.2	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 48.197 ug/l

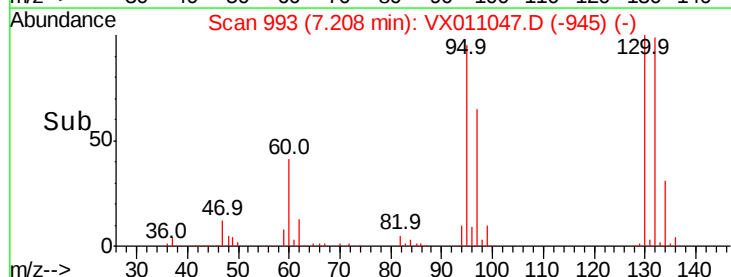
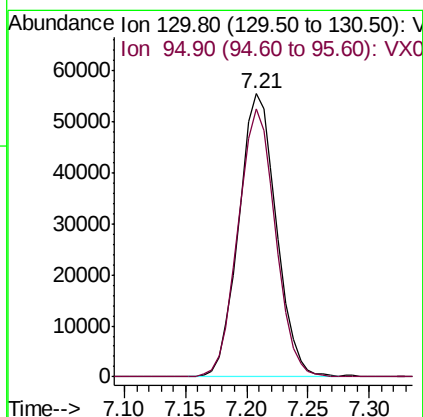
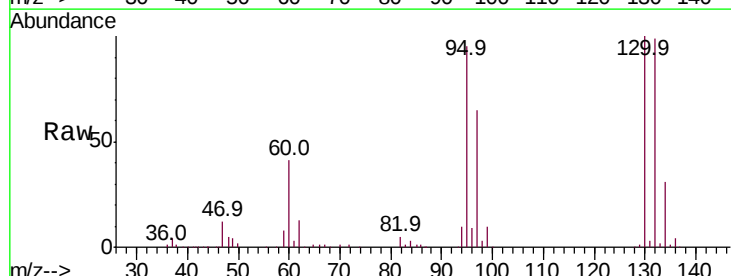
RT: 7.21 min Scan# 993

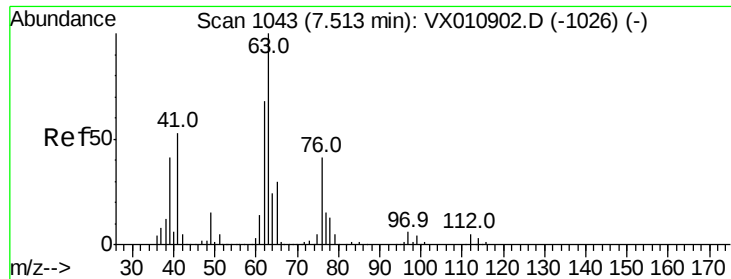
Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Tgt Ion:	130	Resp:	118511
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	174.8





#45

1,2-Dichloropropane

Concen: 49.063 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 103732

Ion Ratio Lower Upper

63 100

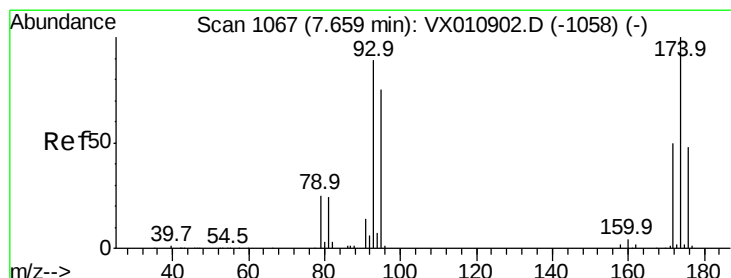
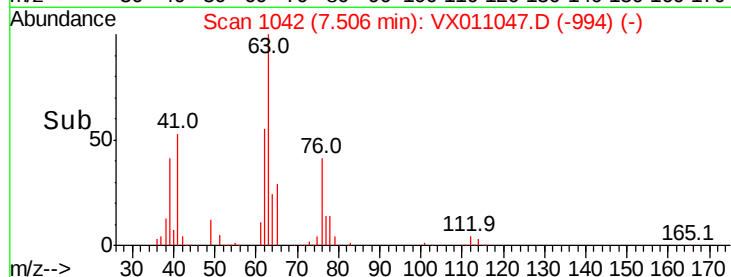
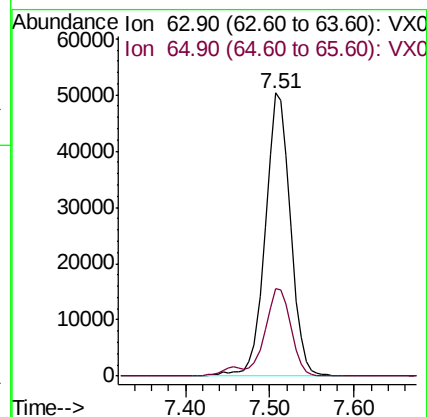
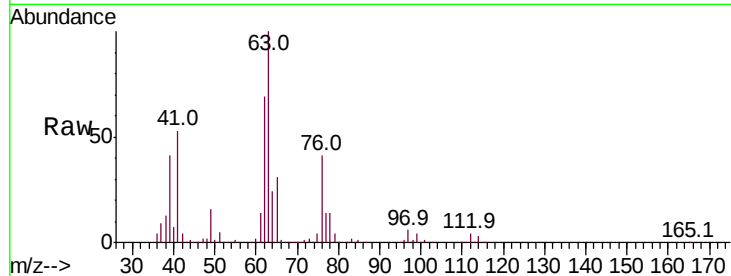
65 30.7 24.4 36.6

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#46

Dibromomethane

Concen: 50.135 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

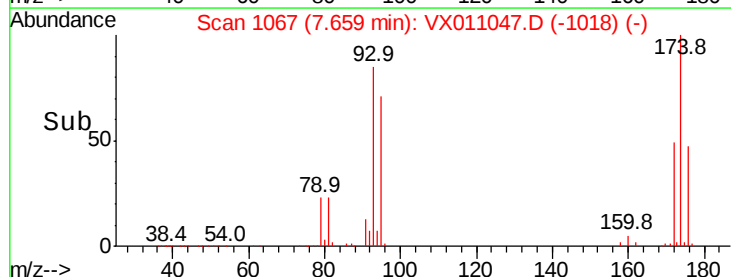
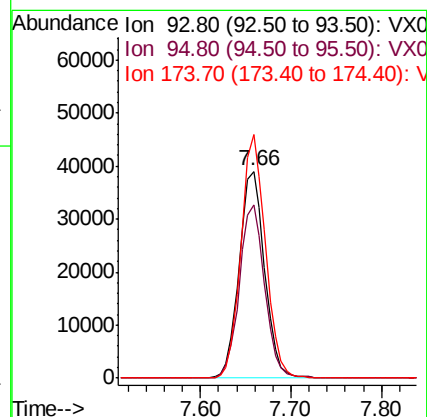
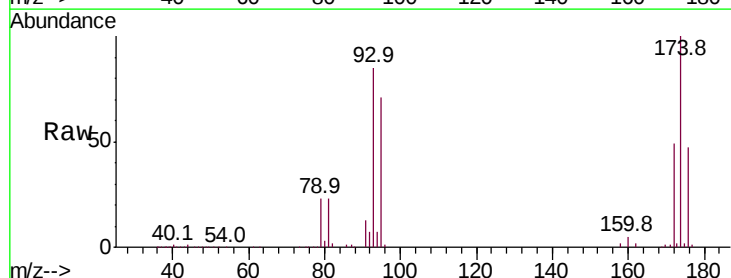
Tgt Ion: 93 Resp: 75743

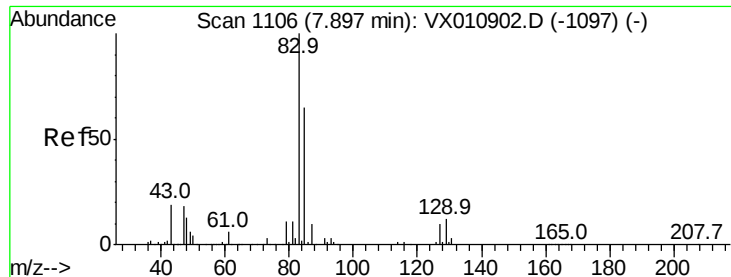
Ion Ratio Lower Upper

93 100

95 83.4 67.2 100.8

174 113.6 90.6 135.8





#47

Bromodichloromethane

Concen: 52.792 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

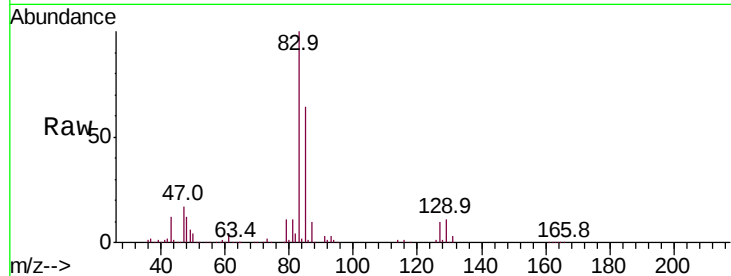
ClientSampleId :

VSTDCCC050

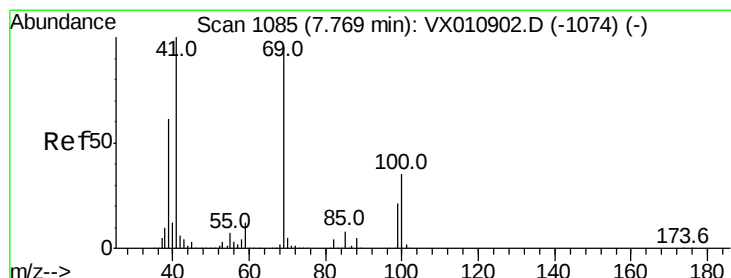
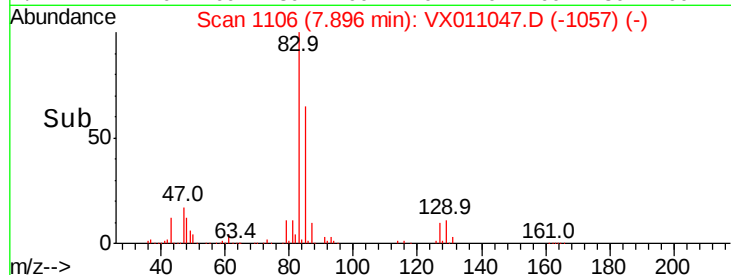
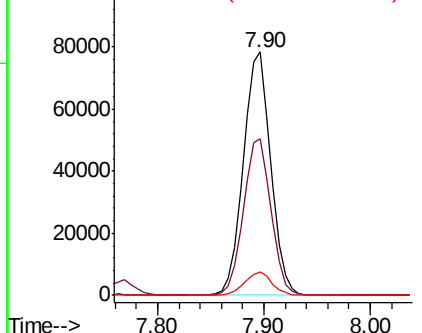
Tot Ion:	83	Resp:	141974
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.5	78.7
127	9.5	7.8	11.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.665 ug/l

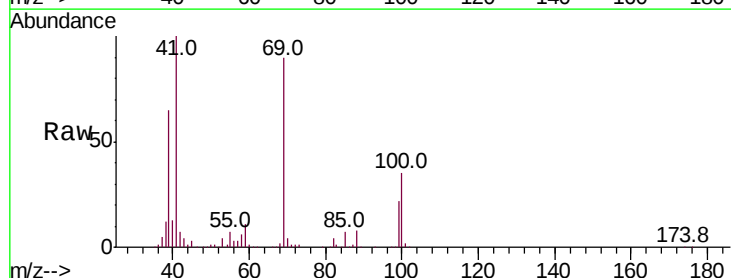
RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

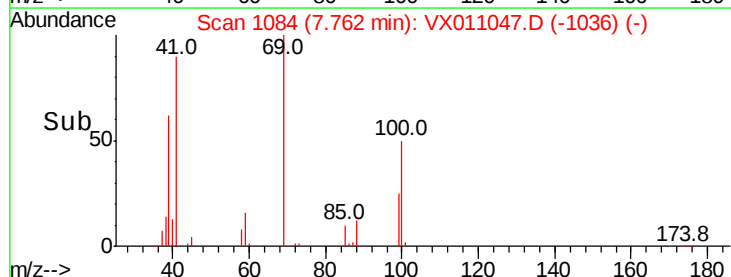
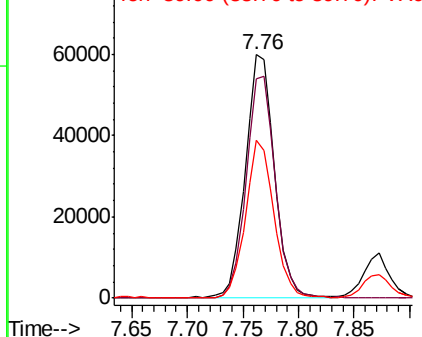
Lab File: VX011047.D

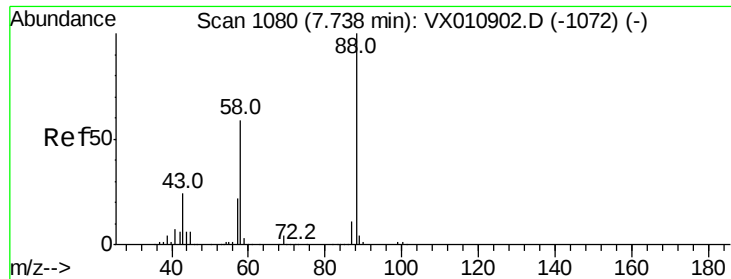
Acq: 23 Jul 2019 09:40

Tgt Ion:	41	Resp:	108245
Ion	Ratio	Lower	Upper
41	100		
69	92.2	74.4	111.6
39	62.7	48.9	73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





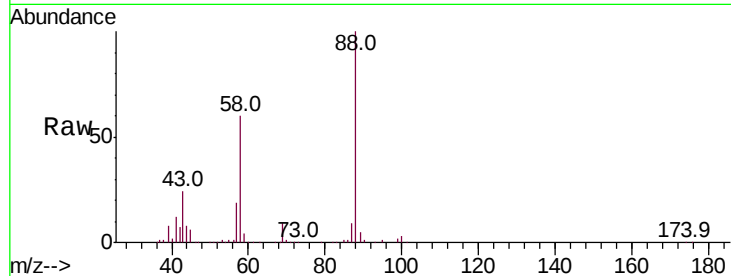
#49
1,4-Dioxane
Concen: 960.174 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

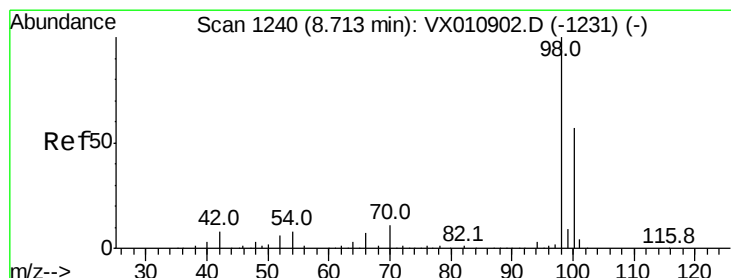
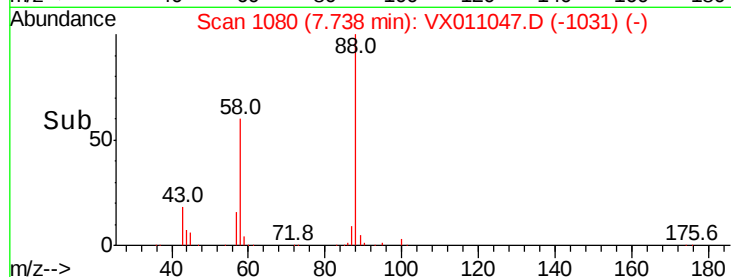
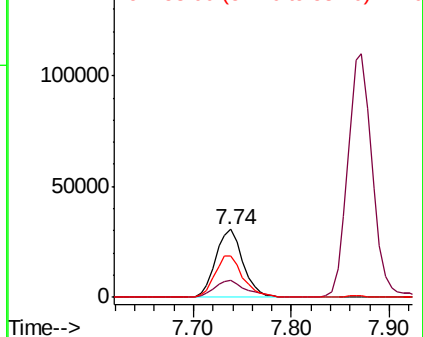
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.4	22.9	34.3
58	62.6	49.8	74.8

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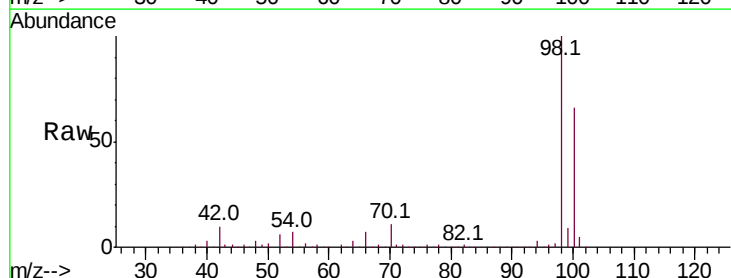


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

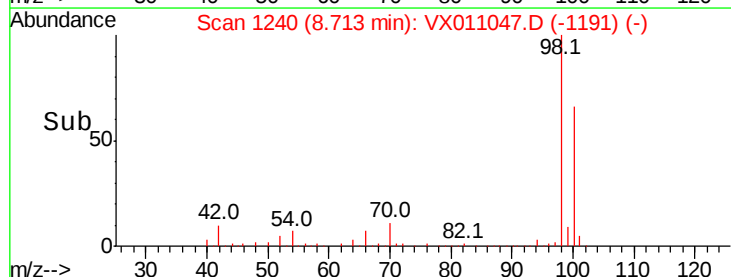
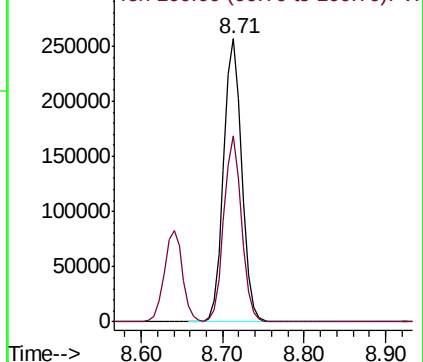


#50
Toluene-d8
Concen: 50.074 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.6	75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





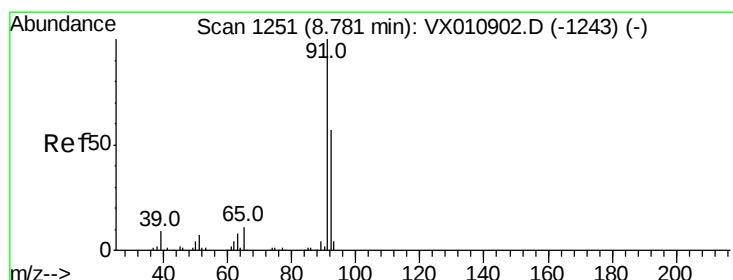
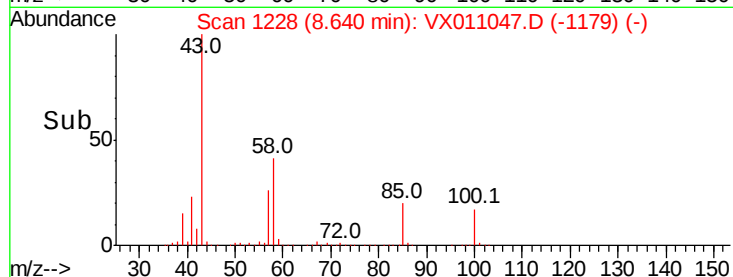
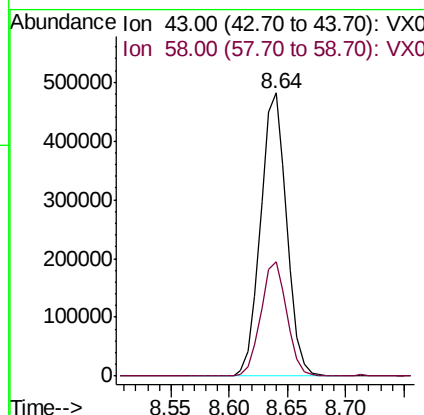
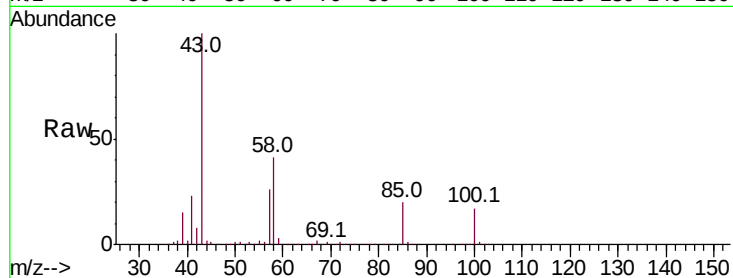
#51
4-Methyl-2-Pentanone
Concen: 253.378 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 749953
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.4

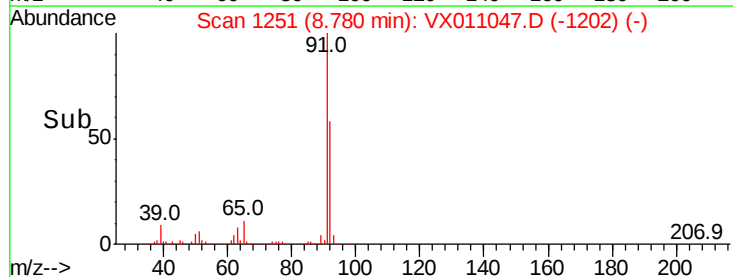
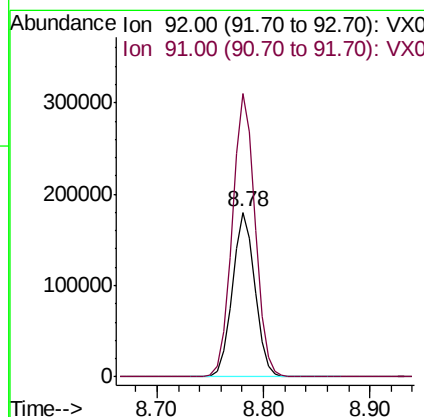
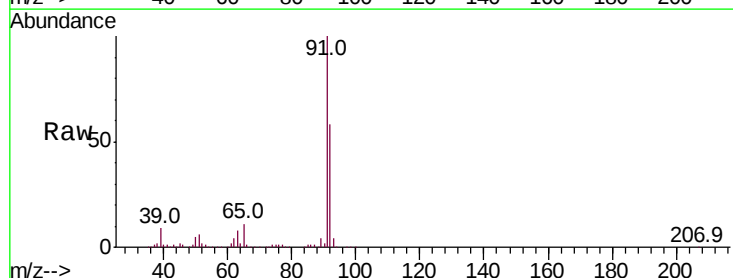
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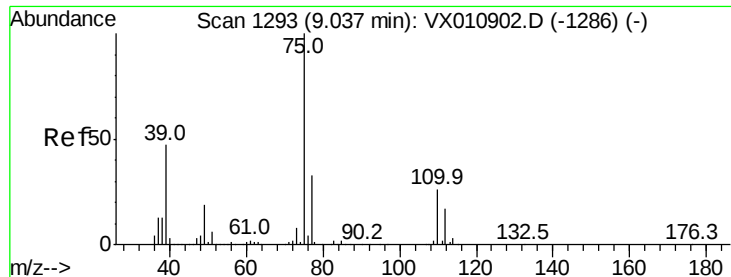
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#52
Toluene
Concen: 49.137 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 92 Resp: 268144
Ion Ratio Lower Upper
92 100
91 174.4 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 53.677 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 155217

Ion Ratio Lower Upper

75 100

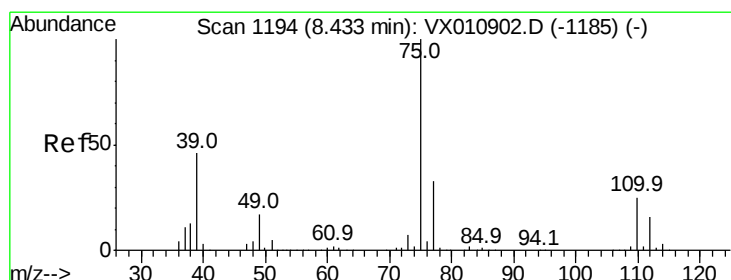
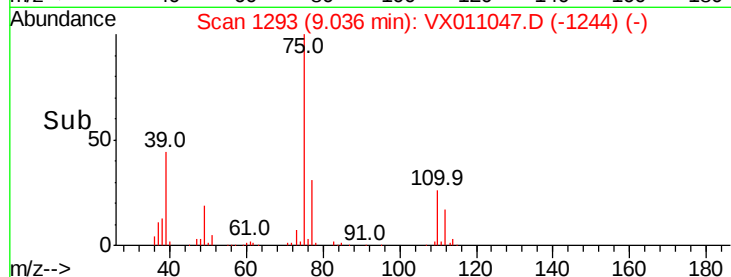
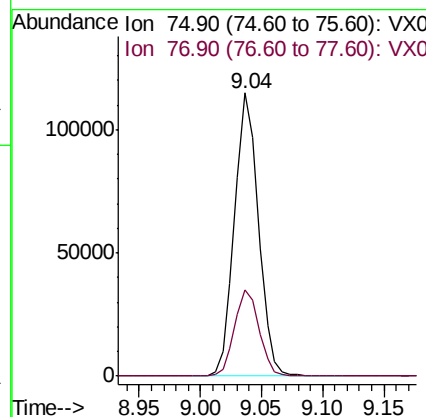
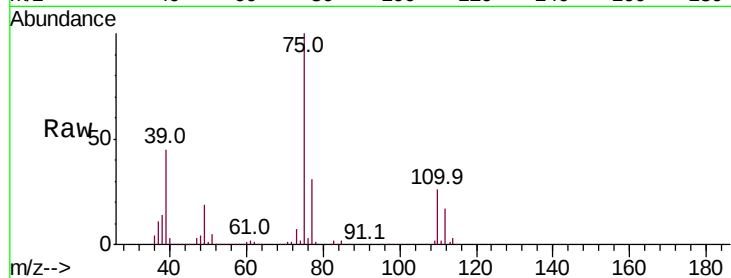
77 30.6 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 52.214 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

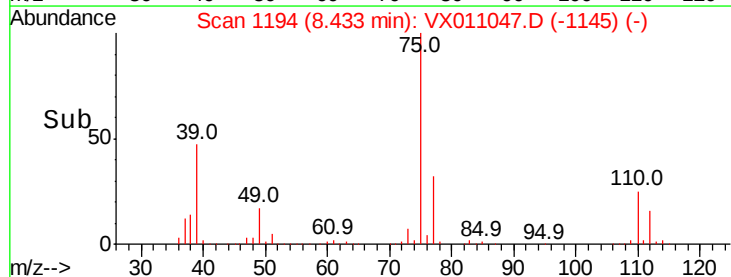
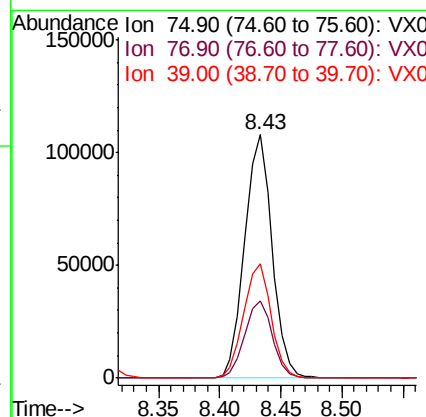
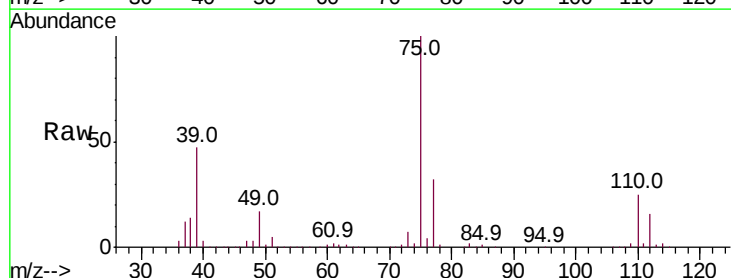
Tgt Ion: 75 Resp: 168007

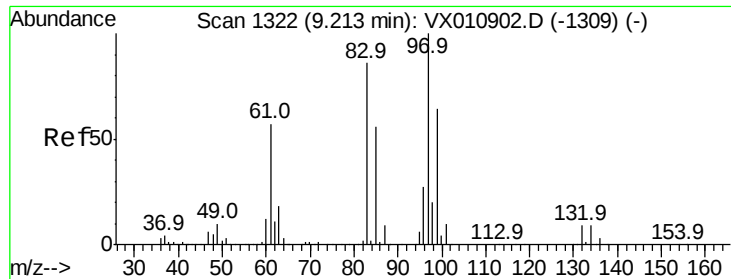
Ion Ratio Lower Upper

75 100

77 31.9 26.1 39.1

39 46.8 36.6 54.8





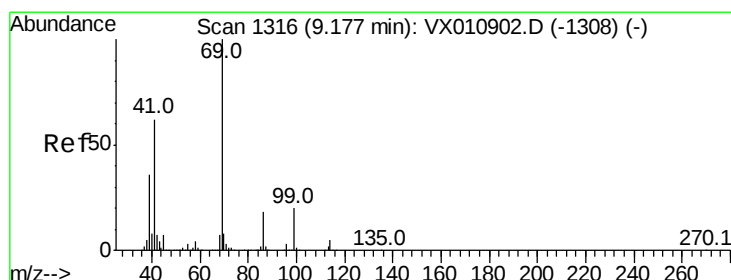
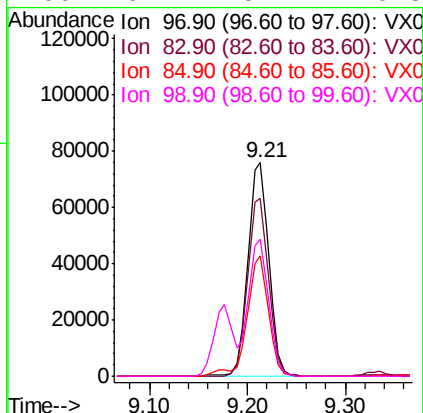
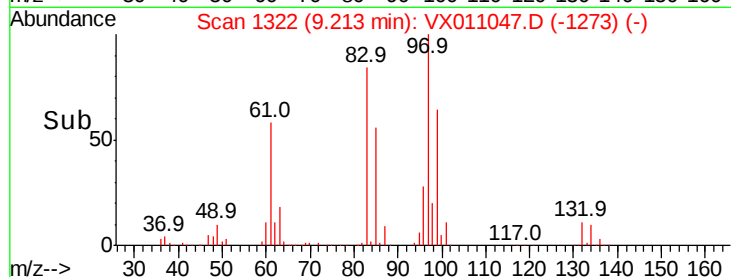
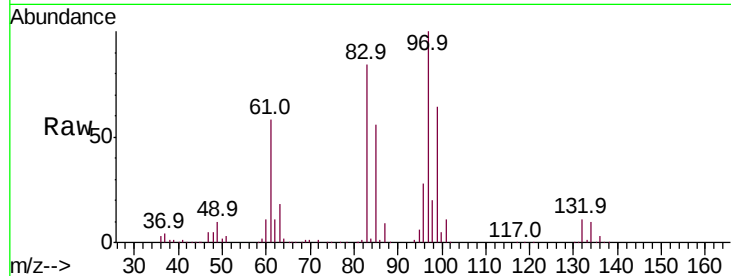
#55
 1,1,2-Trichloroethane
 Concen: 50.009 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	112365		
83	83.5	69.2	103.8	
85	56.3	44.6	66.8	
99	64.4	51.2	76.8	

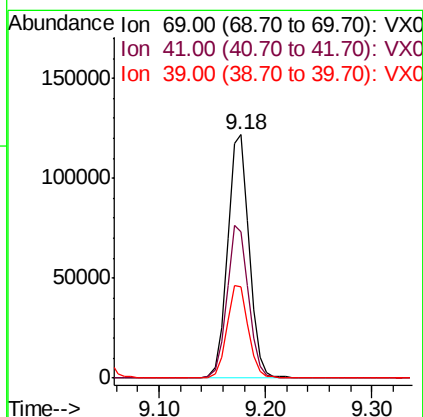
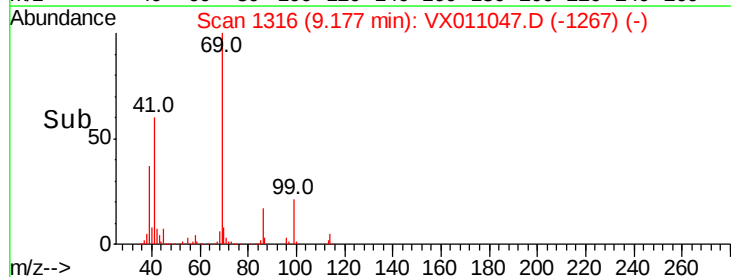
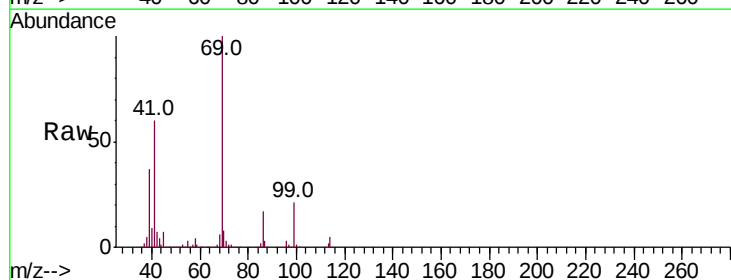
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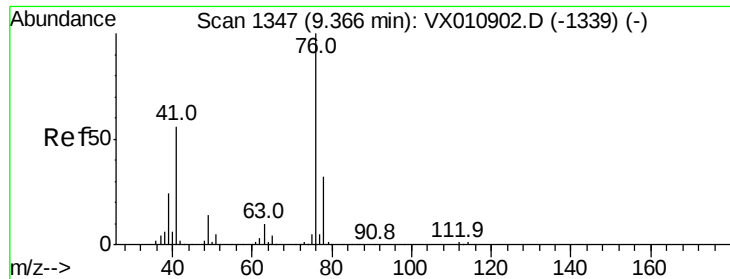
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#56
 Ethyl methacrylate
 Concen: 52.375 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	172142		
41	62.6	49.7	74.5	
39	37.7	29.6	44.4	





#57

1,3-Dichloropropane

Concen: 49.490 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 176404

Ion Ratio Lower Upper

76 100

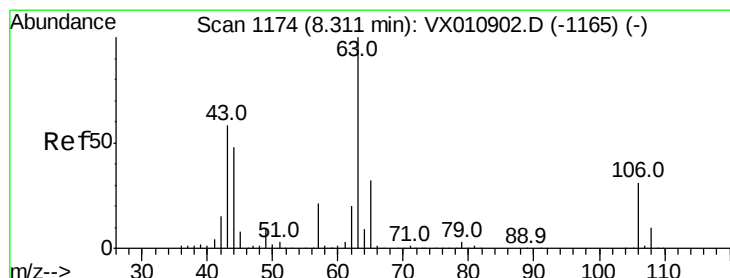
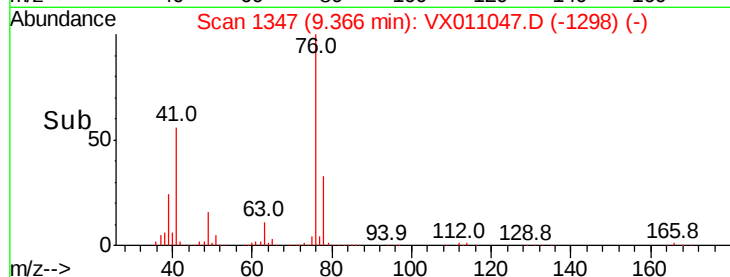
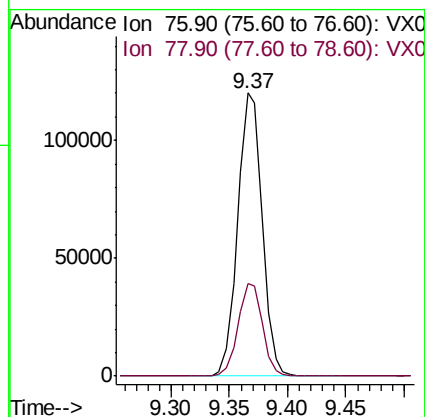
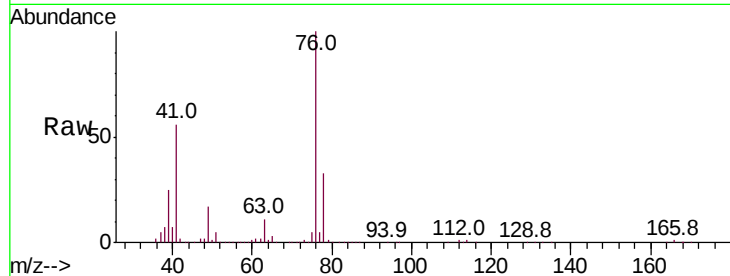
78 32.5 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 261.534 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011047.D

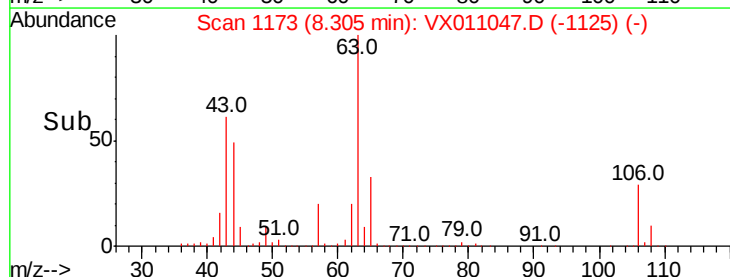
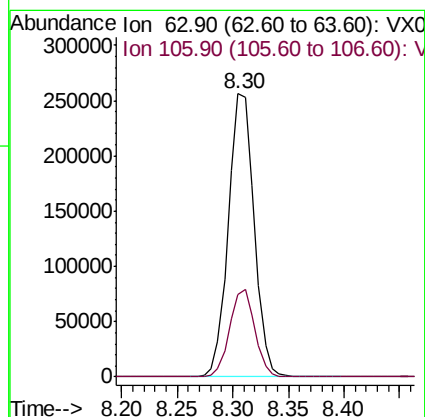
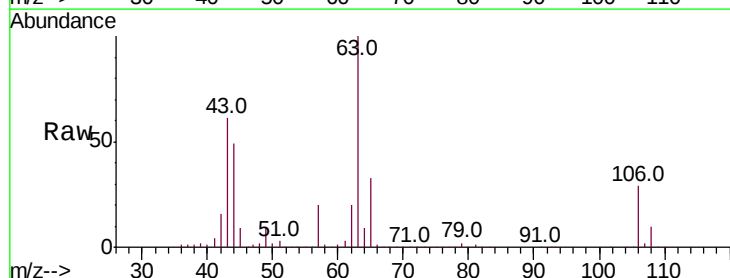
Acq: 23 Jul 2019 09:40

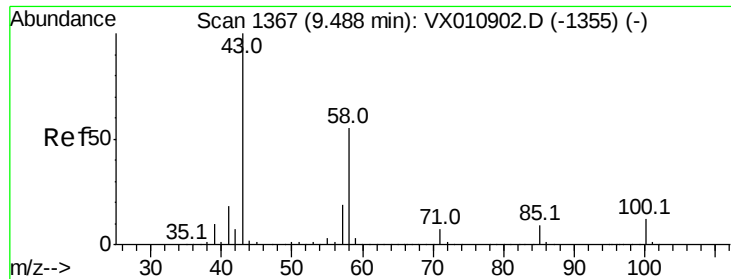
Tgt Ion: 63 Resp: 410332

Ion Ratio Lower Upper

63 100

106 30.2 24.0 36.0





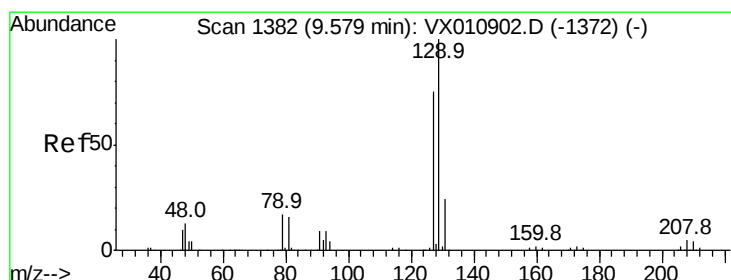
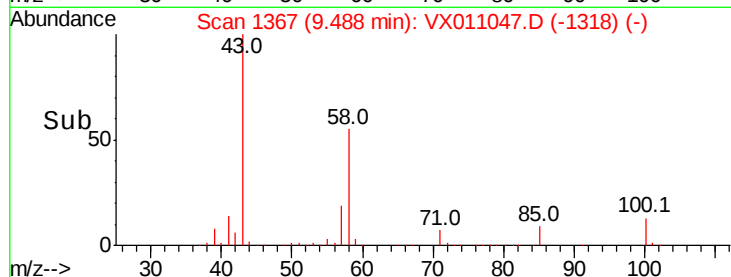
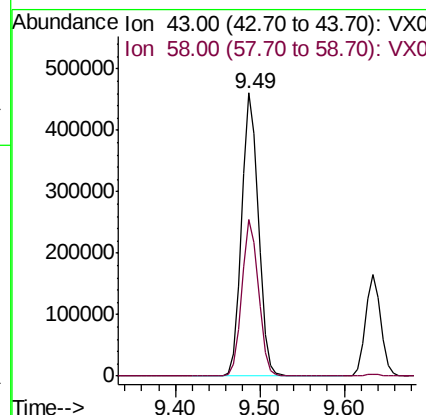
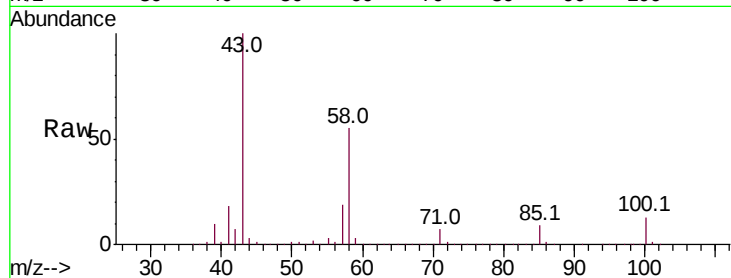
#59
2-Hexanone
Concen: 267.057 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 613079
Ion Ratio Lower Upper
43 100
58 54.8 28.0 83.9

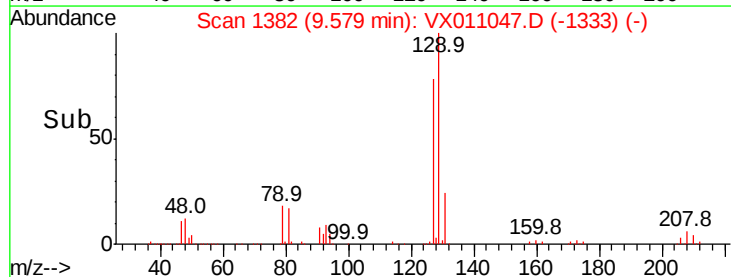
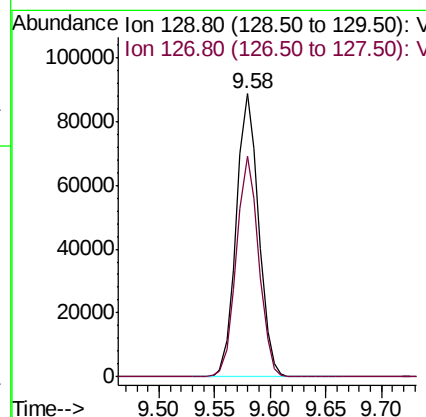
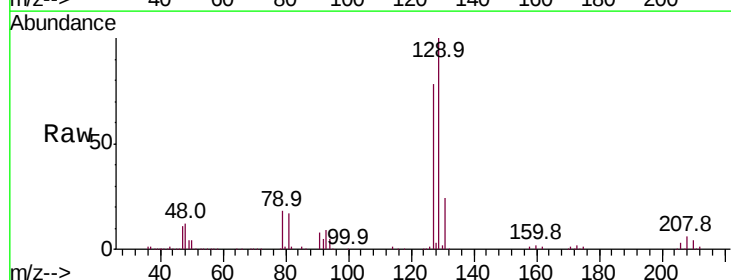
Manual Integrations
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#60
Dibromochloromethane
Concen: 47.760 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 129 Resp: 123194
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.608 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 120677

Ion Ratio Lower Upper

107 100

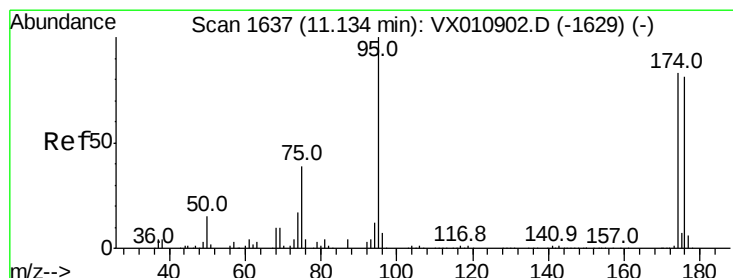
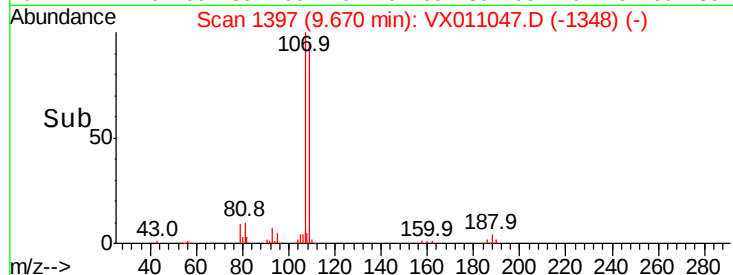
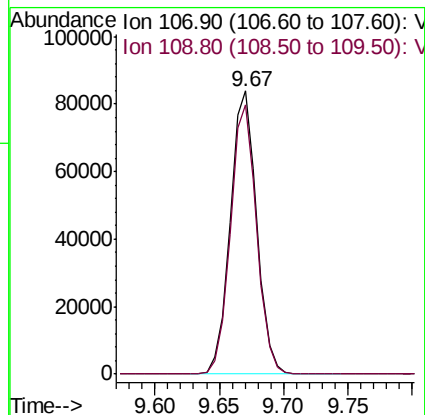
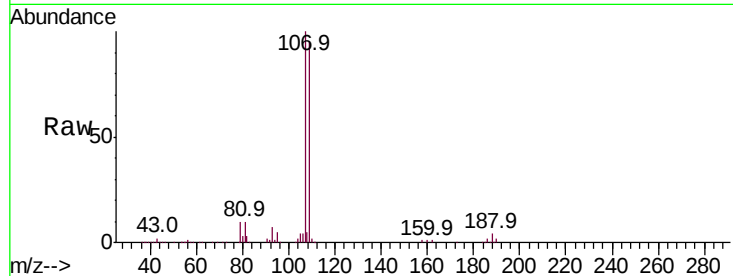
109 94.3 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 52.713 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

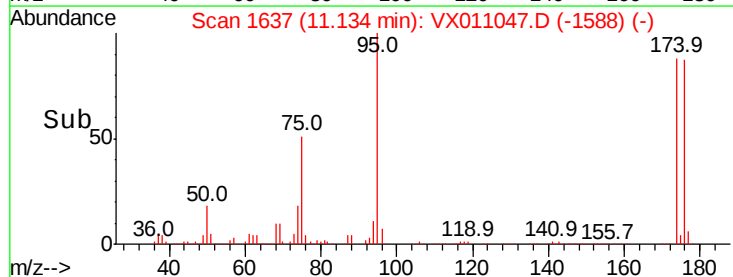
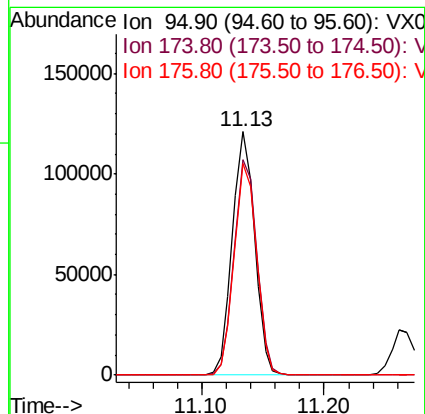
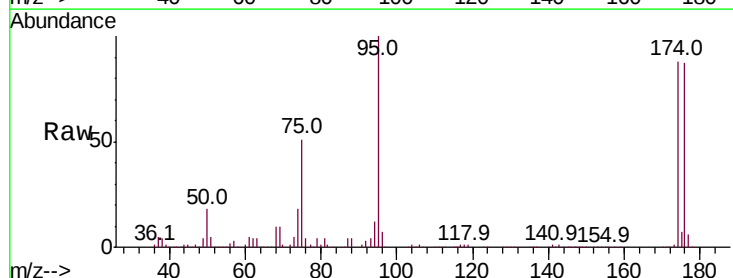
Tgt Ion: 95 Resp: 152283

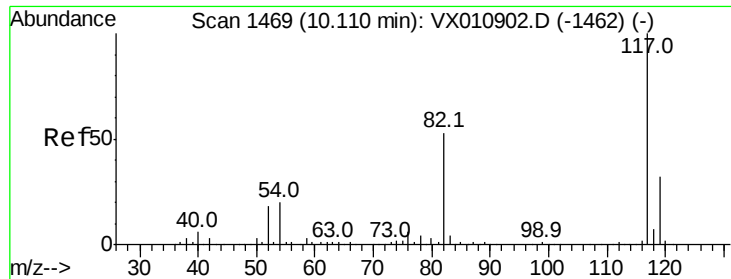
Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.6

176 87.8 0.0 173.8





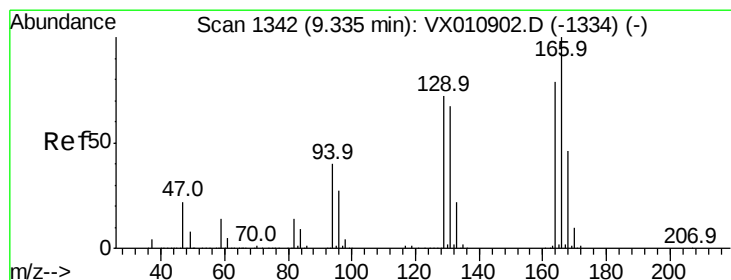
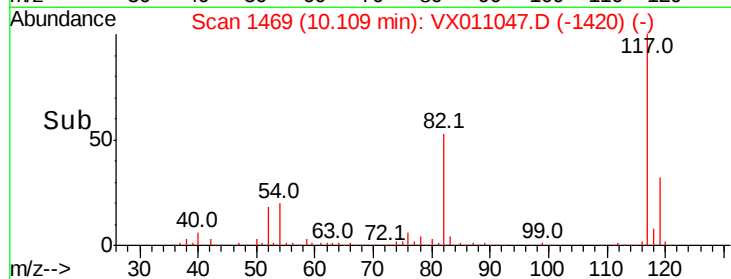
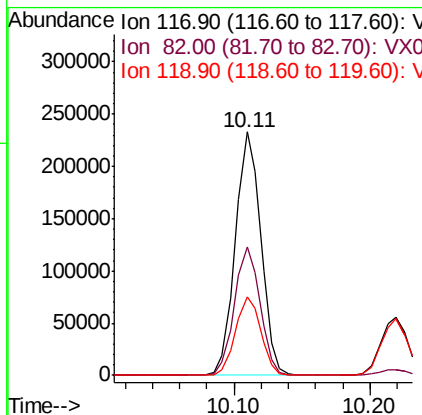
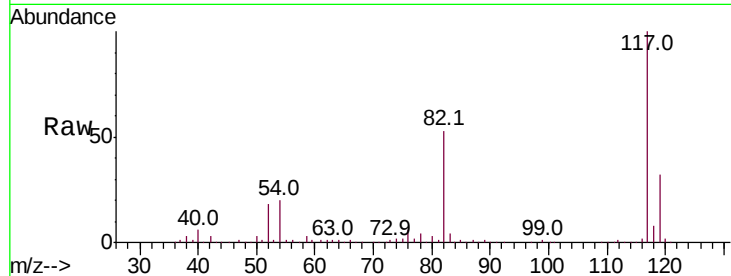
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	63.8
119	32.4	25.9	38.9

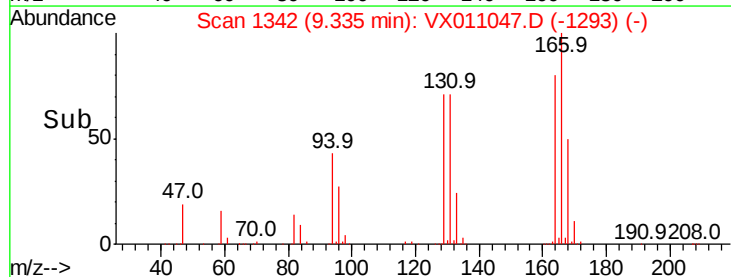
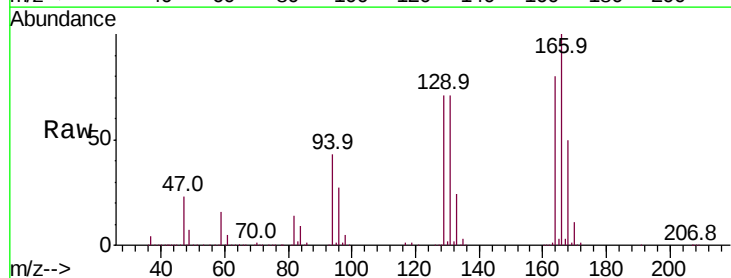
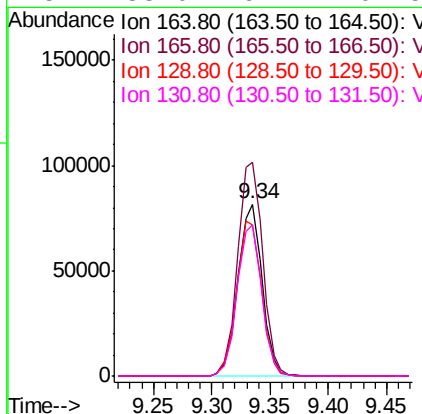
Manual Integrations
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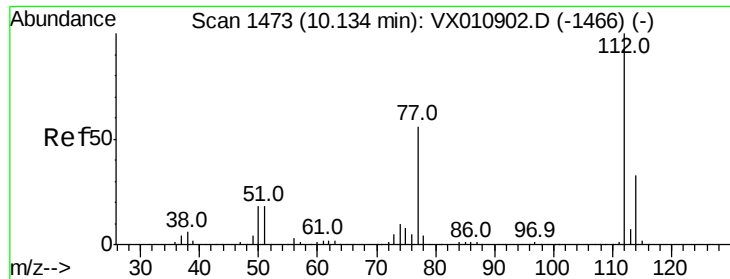
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#64
Tetrachloroethene
Concen: 49.206 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	100.8	151.2
129	87.9	72.6	109.0
131	88.0	67.7	101.5





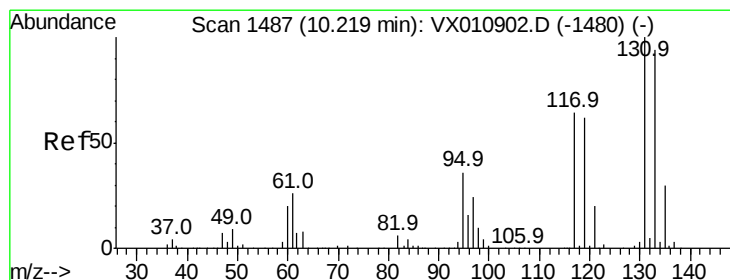
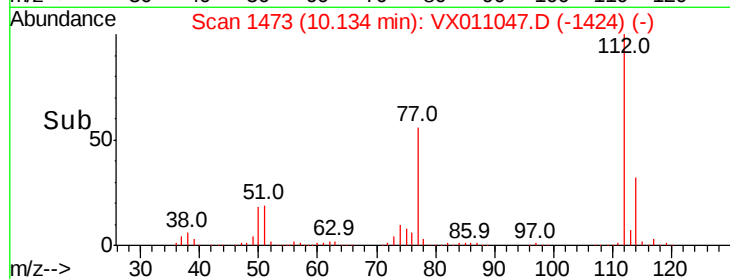
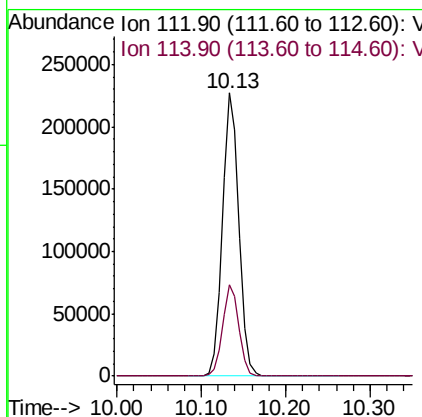
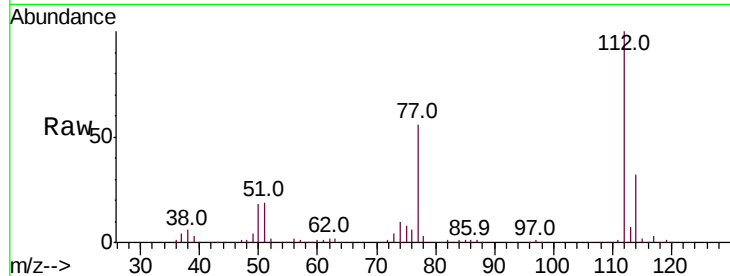
#65
Chlorobenzene
Concen: 48.738 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 305968
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4

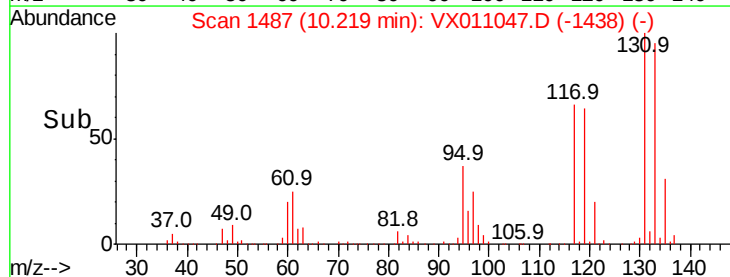
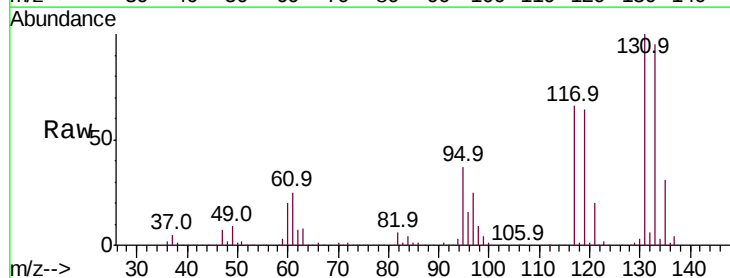
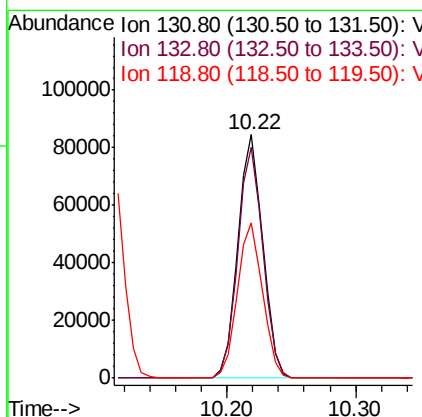
Manual Integrations
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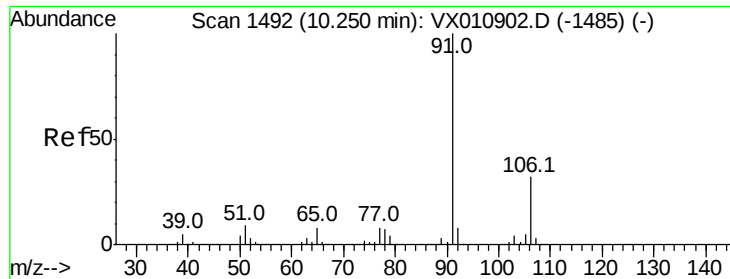
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.318 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion:131 Resp: 113227
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 65.0 31.9 95.7





#67

Ethyl Benzene

Concen: 50.122 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 535591

Ion Ratio Lower Upper

91 100

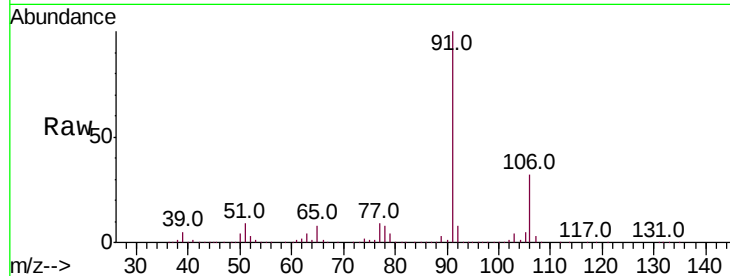
106 32.3 25.4 38.2

Manual Integrations

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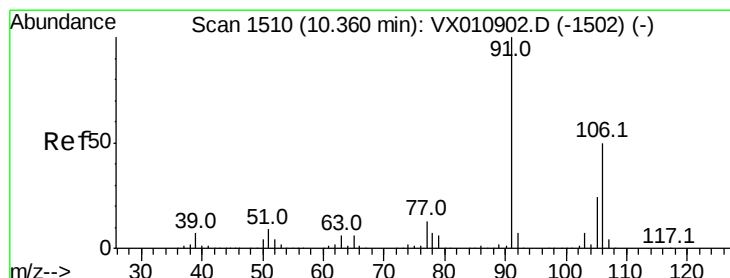
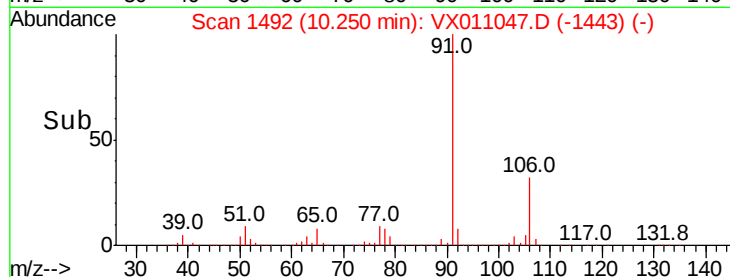
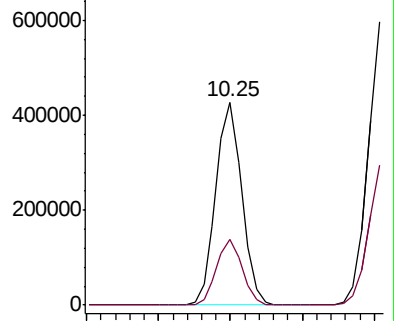
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.844 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011047.D

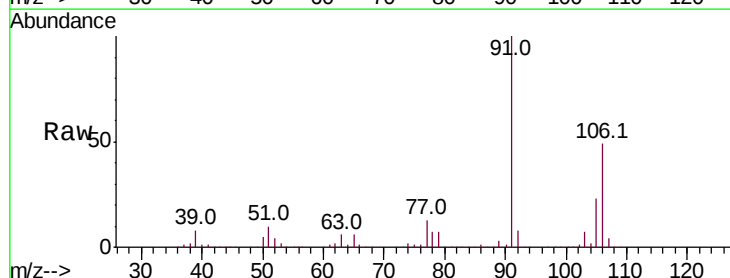
Acq: 23 Jul 2019 09:40

Tgt Ion:106 Resp: 413353

Ion Ratio Lower Upper

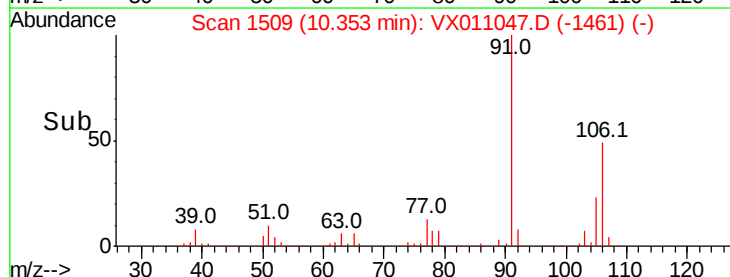
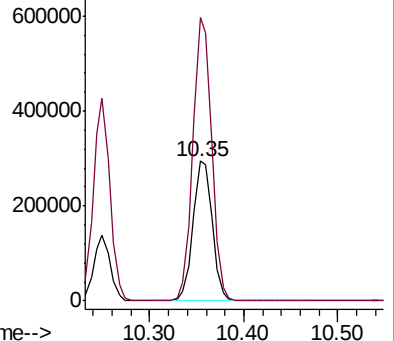
106 100

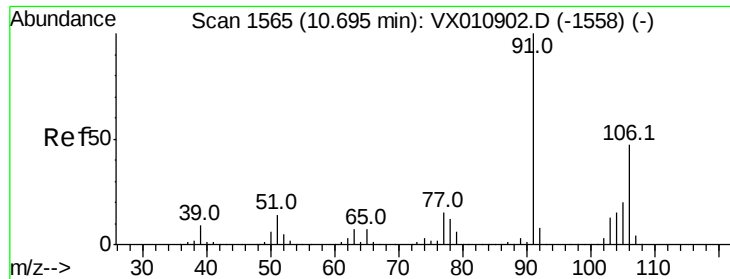
91 199.3 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





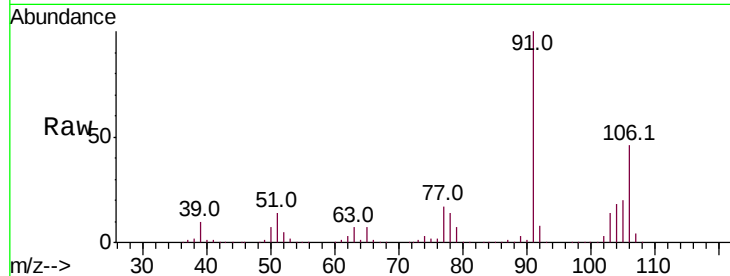
#69
o-Xylene
Concen: 49.779 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

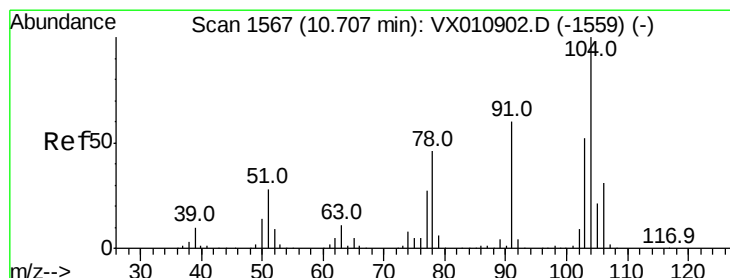
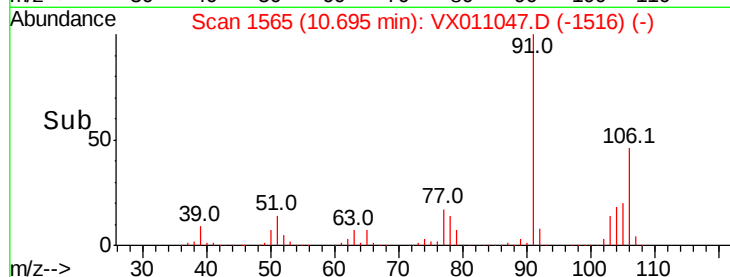
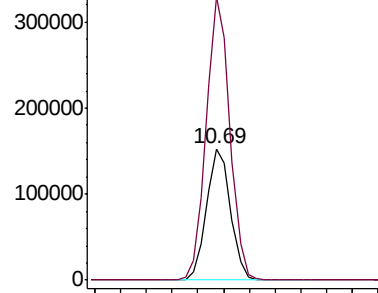
Tot Ion:106 Resp: 199135
Ion Ratio Lower Upper
106 100
91 211.6 105.1 315.3

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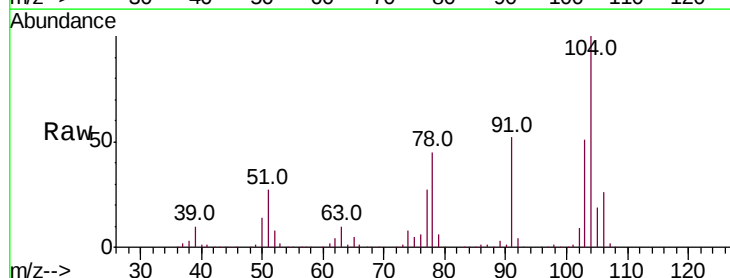


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

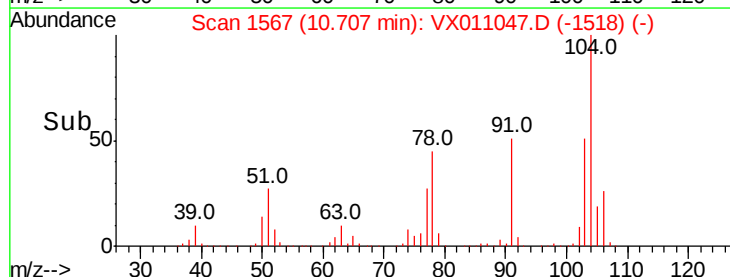
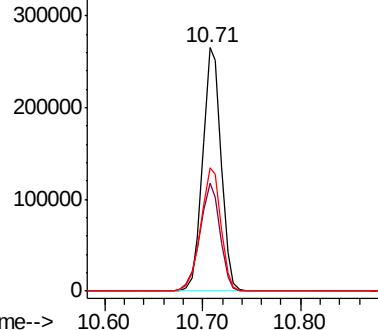


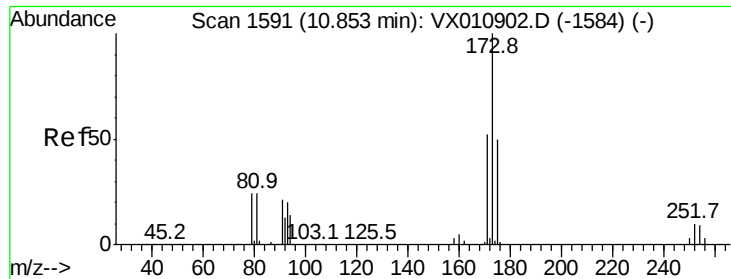
#70
Styrene
Concen: 52.076 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion:104 Resp: 347273
Ion Ratio Lower Upper
104 100
78 48.4 38.8 58.2
103 55.2 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.897 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 95995

Ion Ratio Lower Upper

173 100

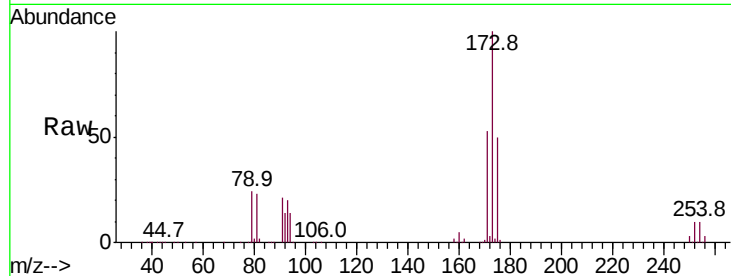
175 48.5 24.6 73.6

254 0.1 0.1 0.1#

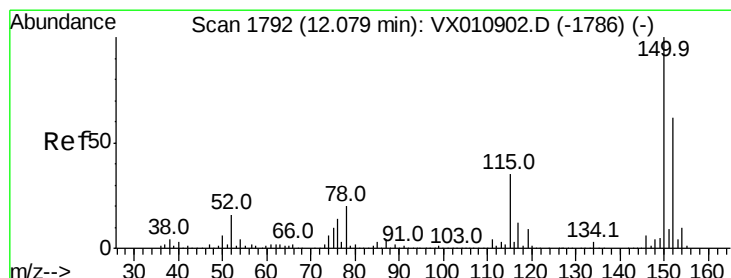
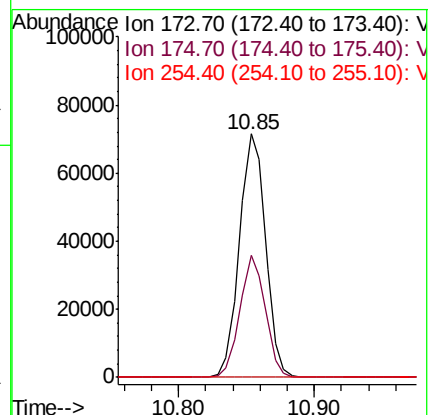
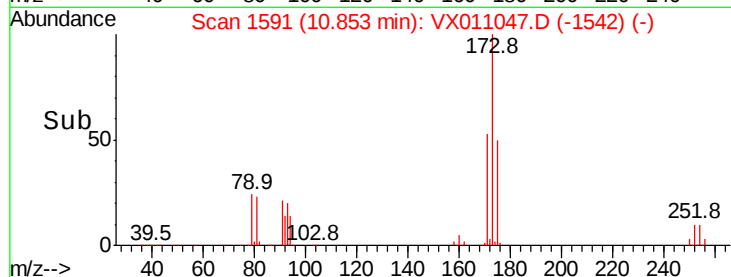
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

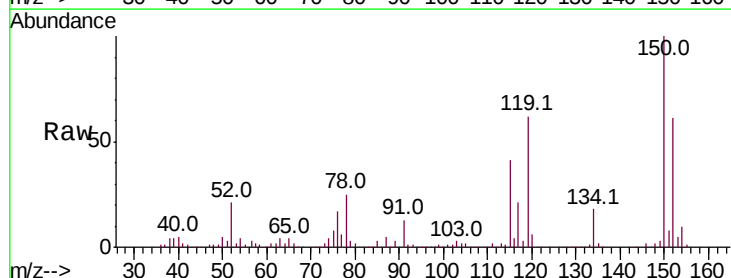
Tgt Ion:152 Resp: 166757

Ion Ratio Lower Upper

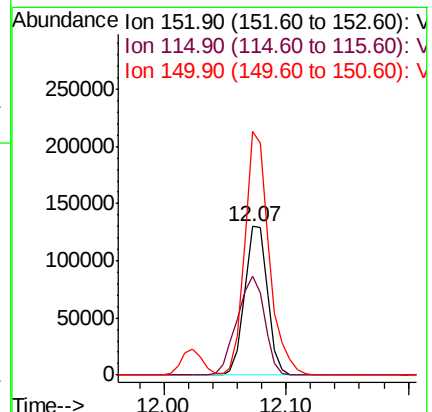
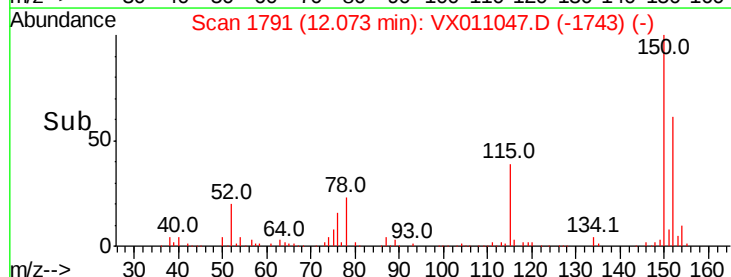
152 100

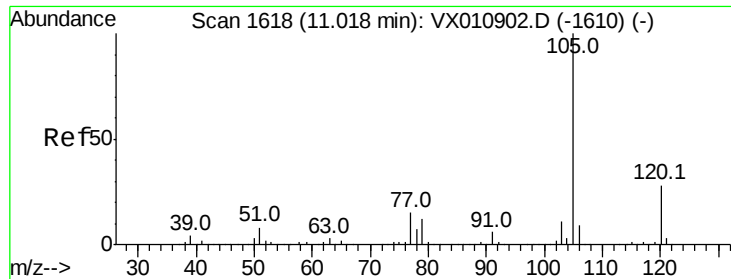
115 80.5 39.7 119.1

150 173.4 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.592 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 547528

Ion Ratio Lower Upper

105 100

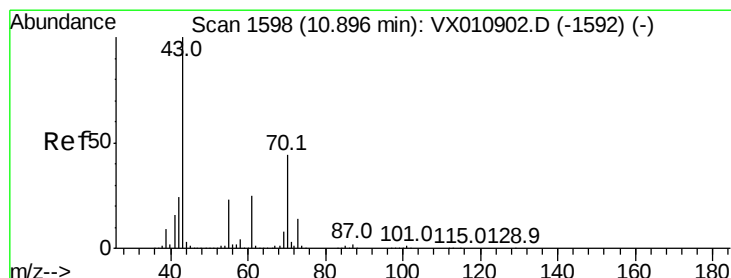
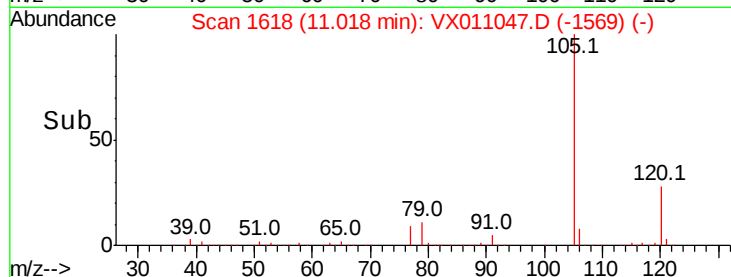
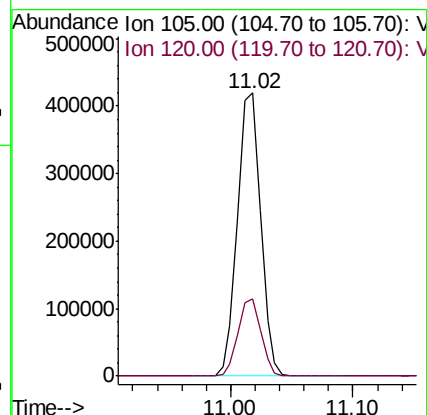
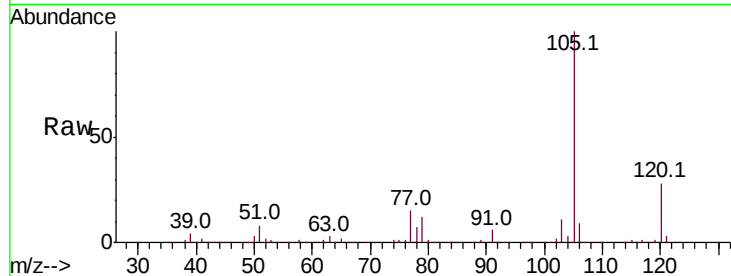
120 27.3 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.213 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Tgt Ion: 43 Resp: 211876

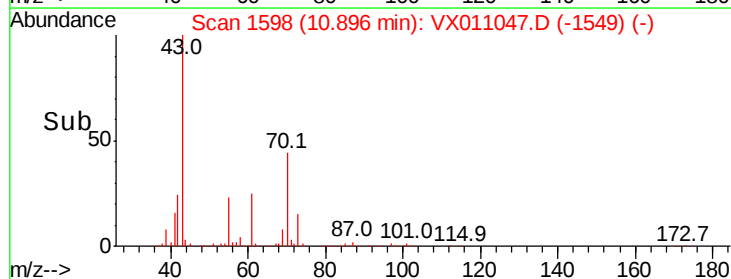
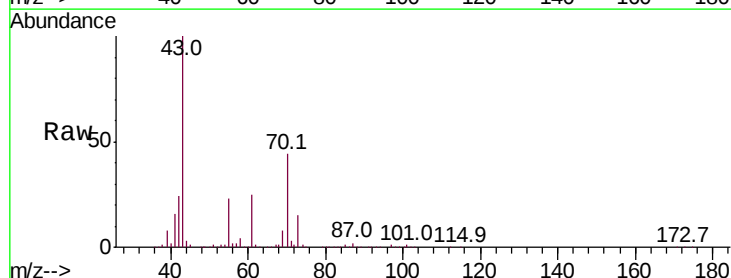
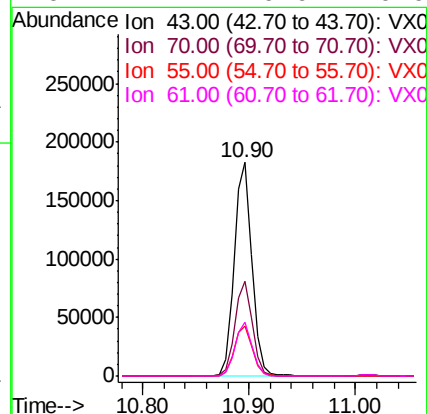
Ion Ratio Lower Upper

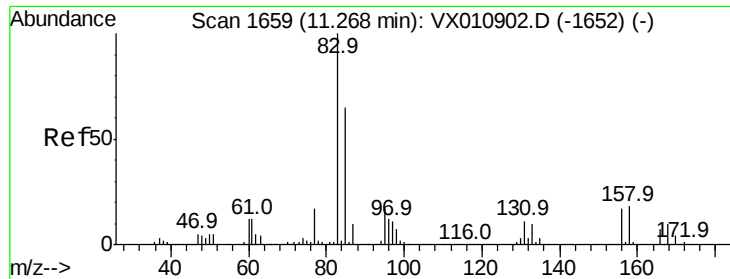
43 100

70 43.9 34.7 52.1

55 24.1 19.1 28.7

61 24.7 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.403 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

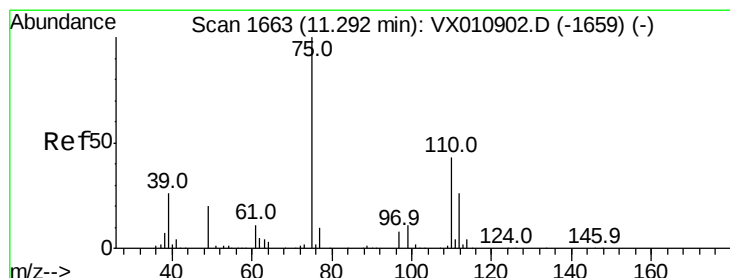
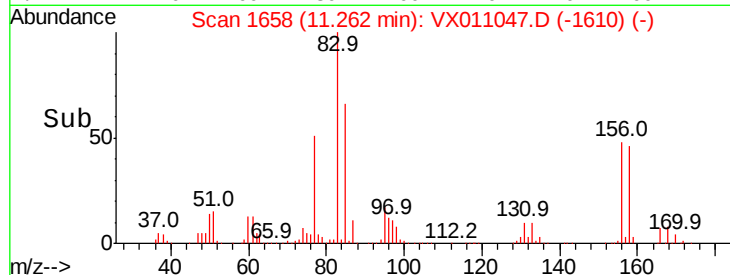
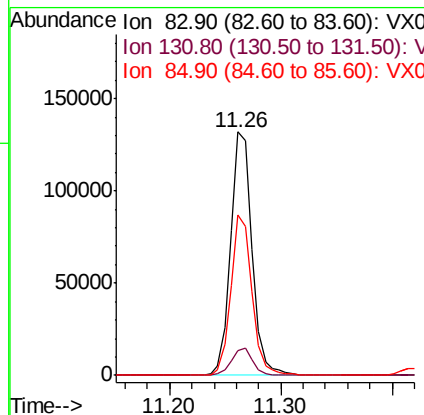
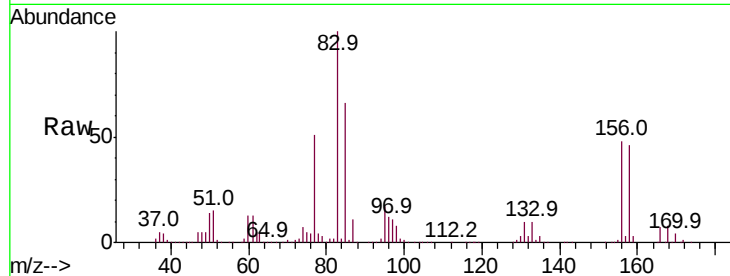
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	174794
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	64.8	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.914 ug/l m

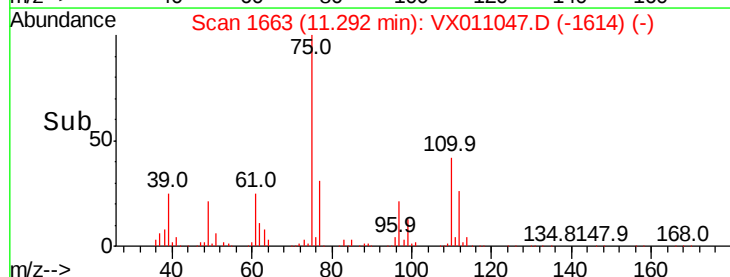
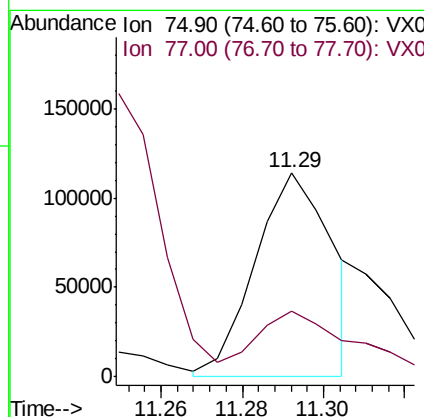
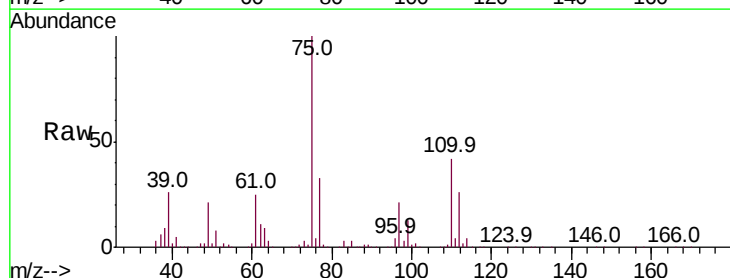
RT: 11.29 min Scan# 1663

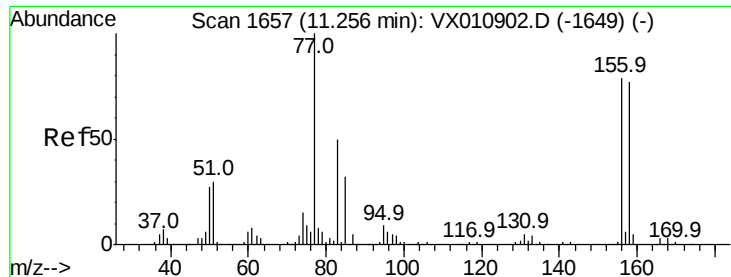
Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Tgt Ion:	75	Resp:	150203
Ion Ratio	Lower	Upper	
75	100		
77	41.6	21.3	64.0





#77

Bromobenzene

Concen: 47.823 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

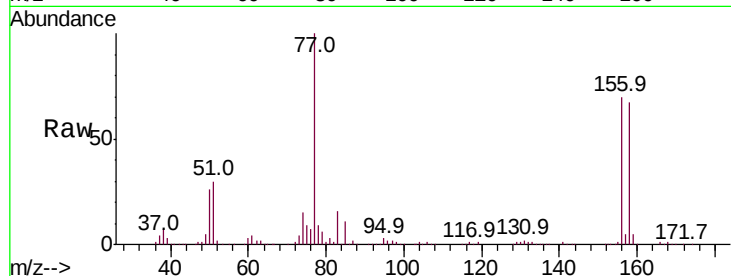
ClientSampleId :

VSTDCCC050

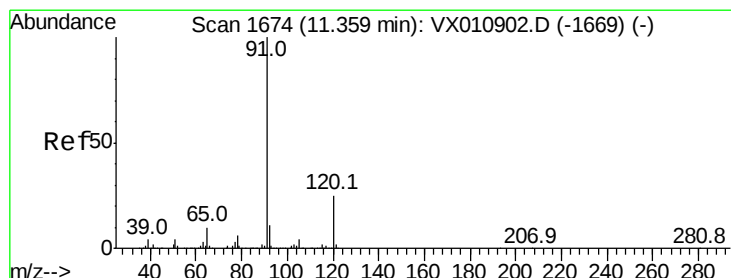
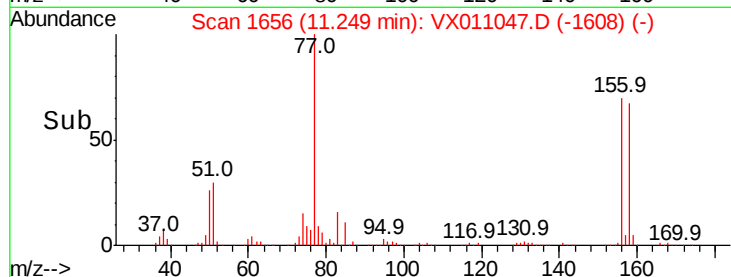
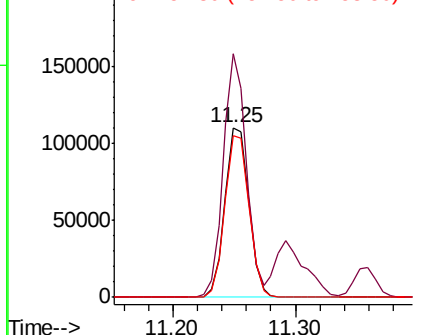
Tot Ion:	156	Resp:	148636
Ion Ratio	Lower	Upper	
156	100		
77	138.5	68.7	206.1
158	96.6	47.9	143.7

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.196 ug/l

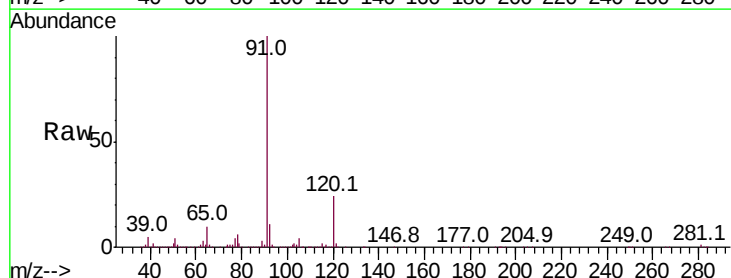
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

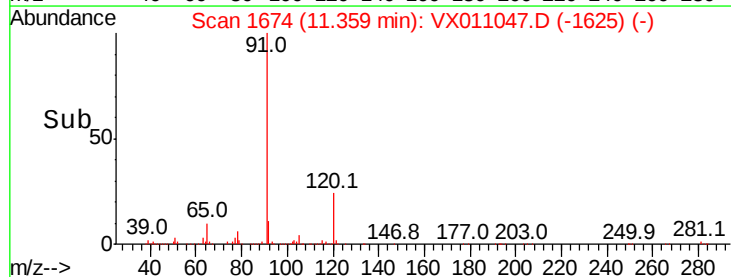
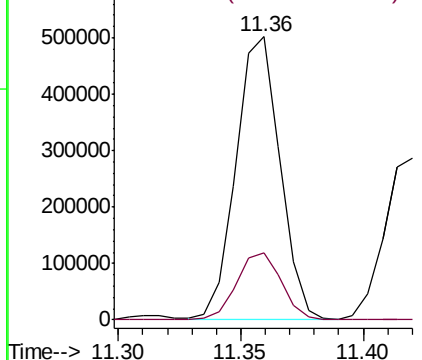
Lab File: VX011047.D

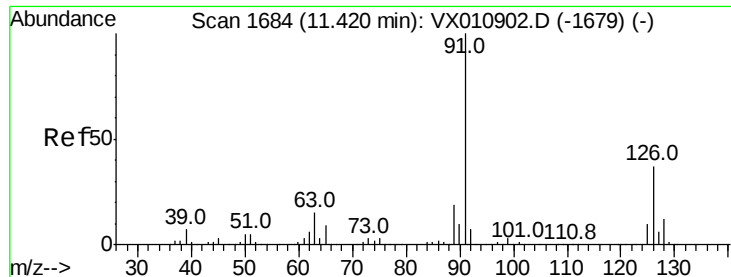
Acq: 23 Jul 2019 09:40

Tgt Ion:	91	Resp:	624943
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.3	36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.944 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 366047

Ion Ratio Lower Upper

91 100

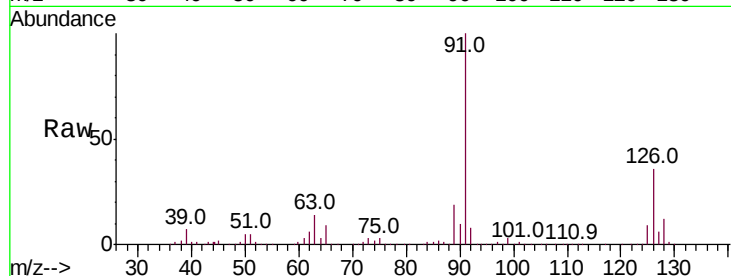
126 35.9 18.0 54.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX011047.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX011047.D (-1635) (-)

600000

500000

400000

300000

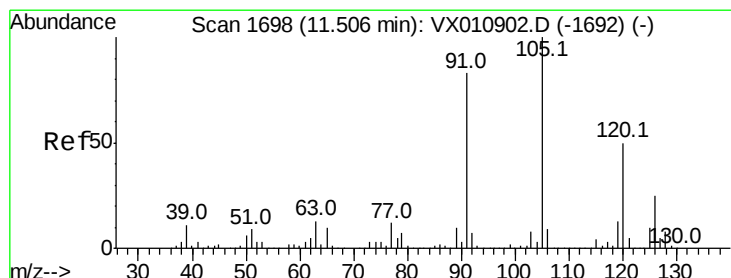
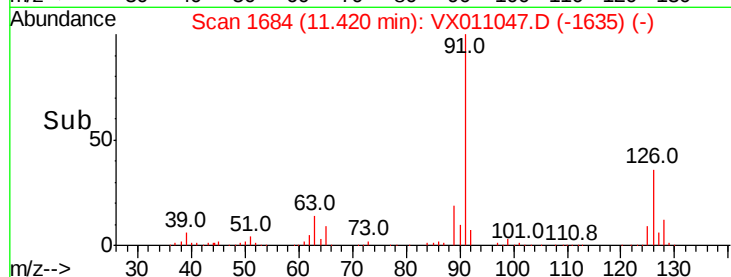
200000

100000

0

11.40 11.42 11.44 11.46

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.472 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011047.D

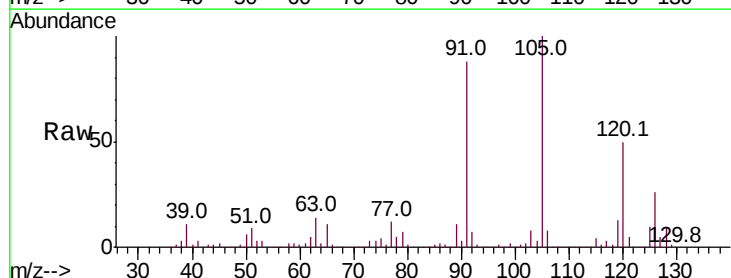
Acq: 23 Jul 2019 09:40

Tgt Ion: 105 Resp: 465796

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX011047.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX011047.D (-1649) (-)

400000

300000

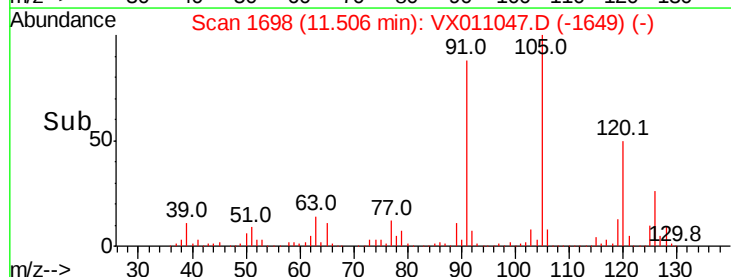
200000

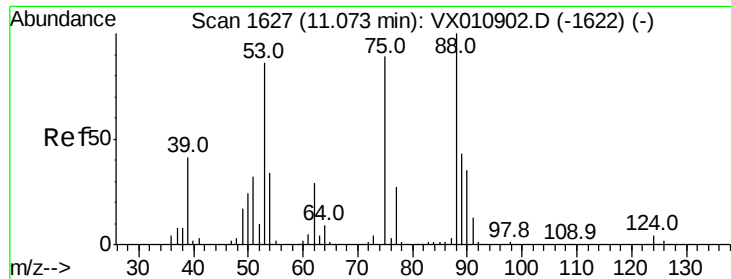
100000

0

11.45 11.50 11.55

Time-->





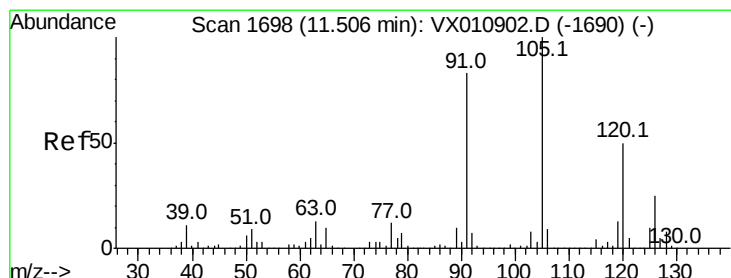
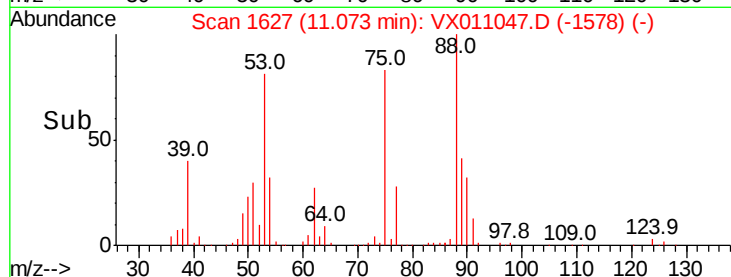
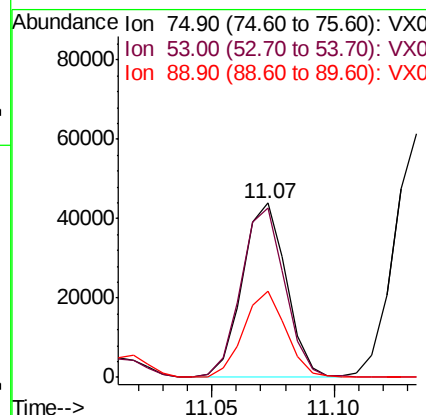
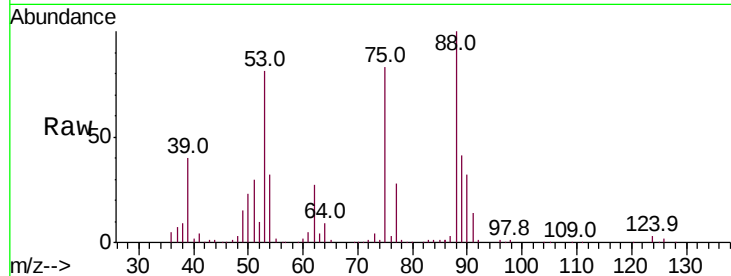
#81
trans-1,4-Dichloro-2-butene
Concen: 46.157 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.4	76.7	115.1
89	48.1	38.5	57.7

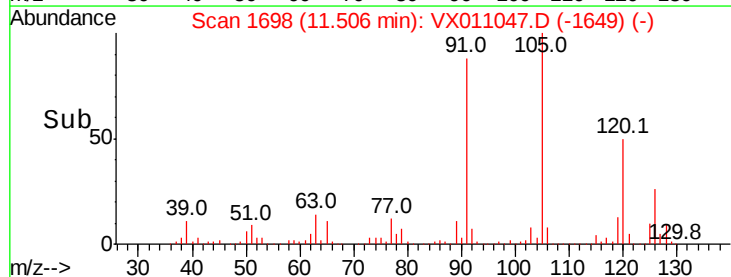
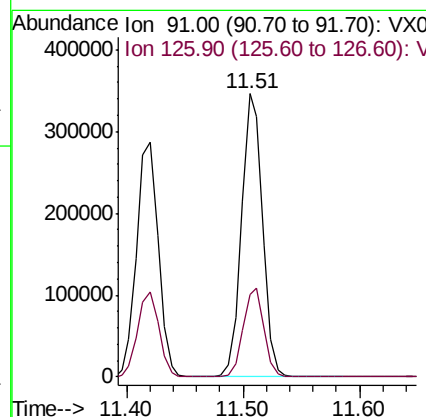
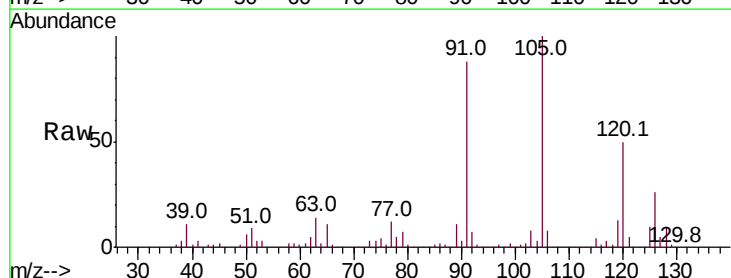
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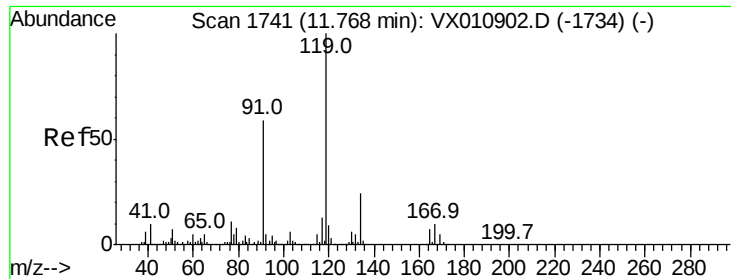
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#82
4-Chlorotoluene
Concen: 49.953 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.9	47.7





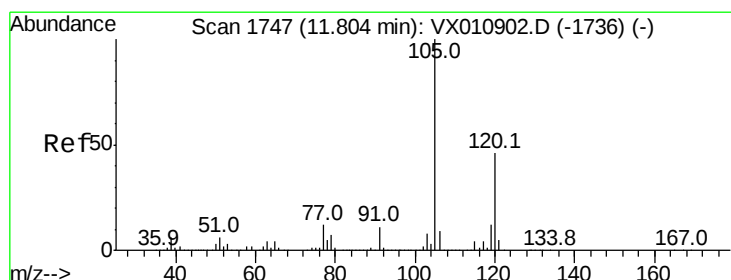
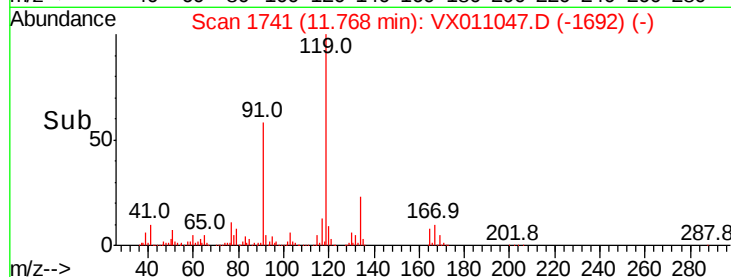
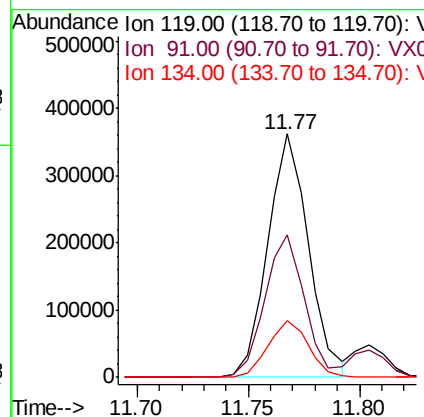
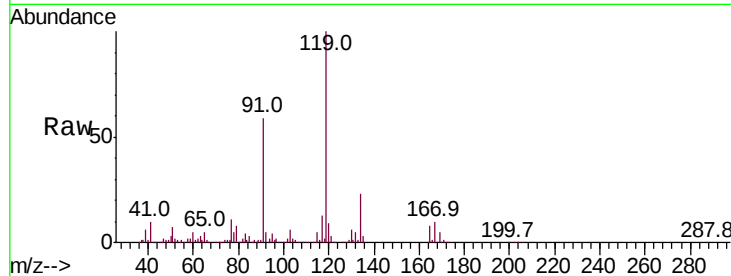
#83
 tert-Butylbenzene
 Concen: 49.758 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	28.6	85.8
134	23.2	11.6	34.8

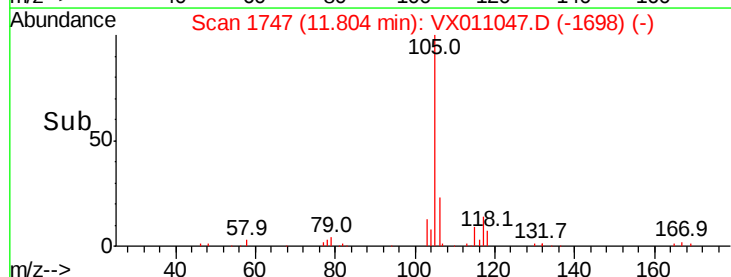
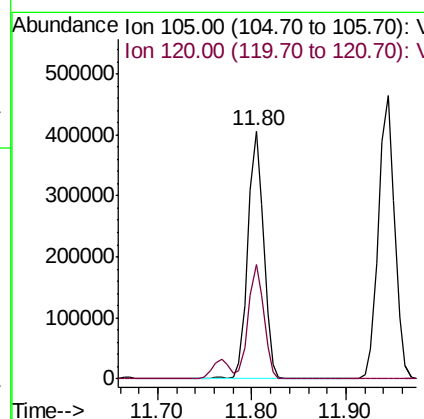
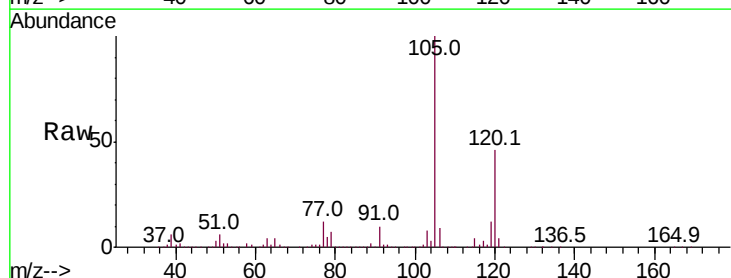
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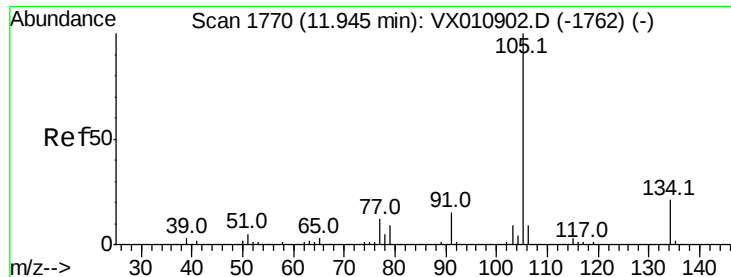
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.083 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.5





#85

sec-Butylbenzene

Concen: 51.290 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 555808

Ion Ratio Lower Upper

105 100

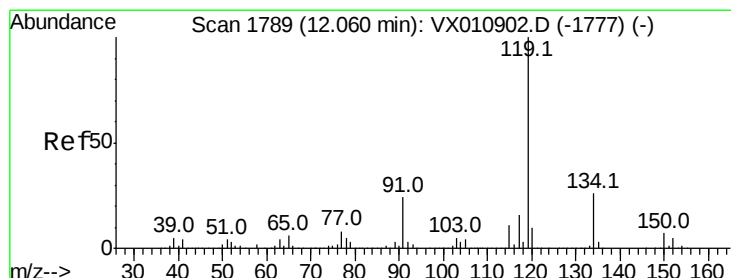
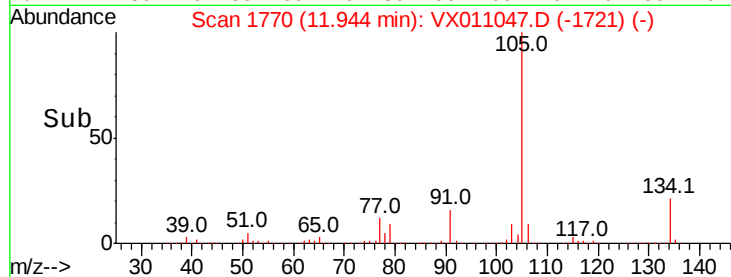
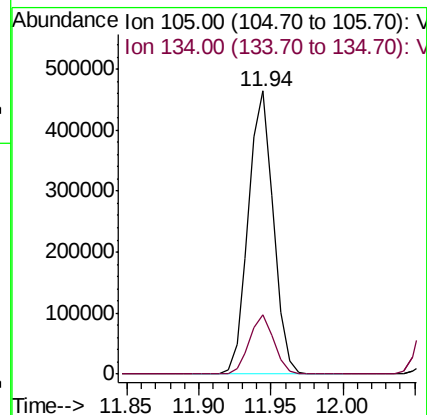
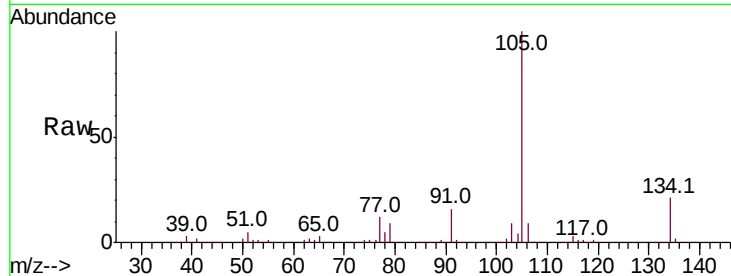
134 20.6 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 51.179 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

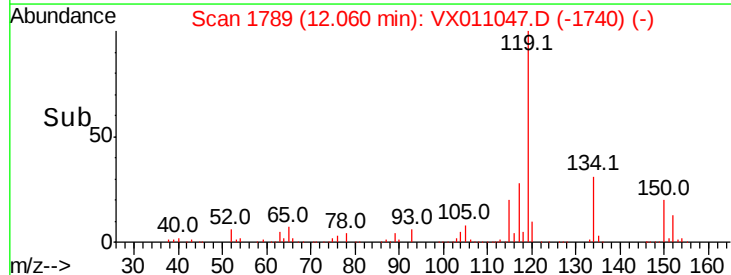
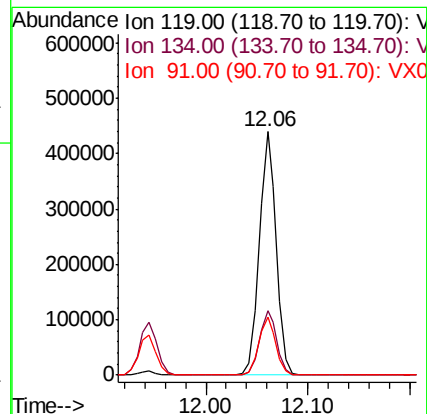
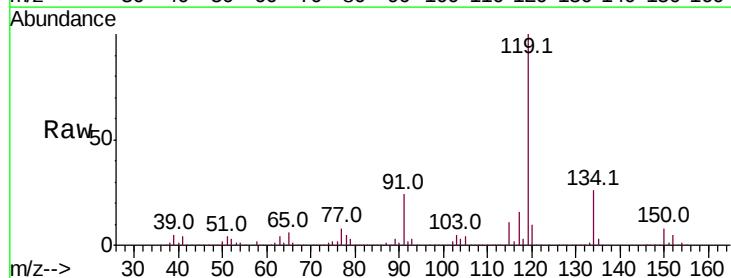
Tgt Ion:119 Resp: 512724

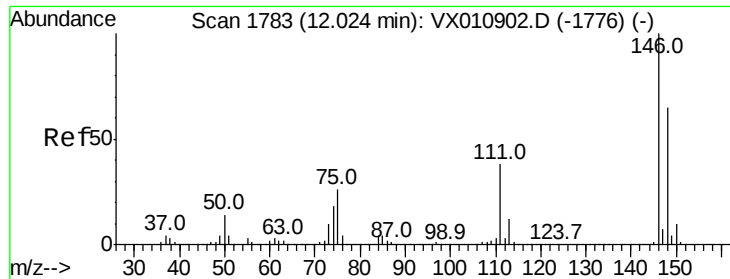
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 24.0 11.8 35.4





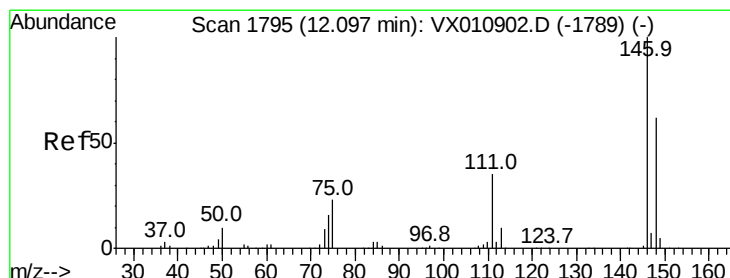
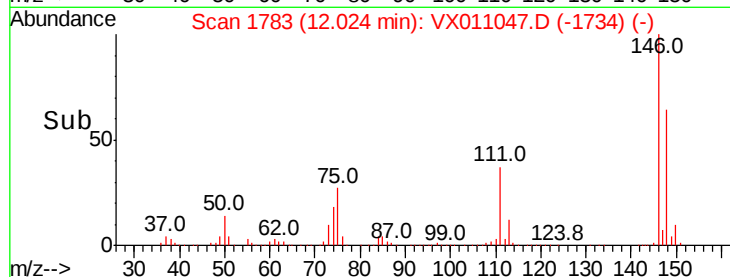
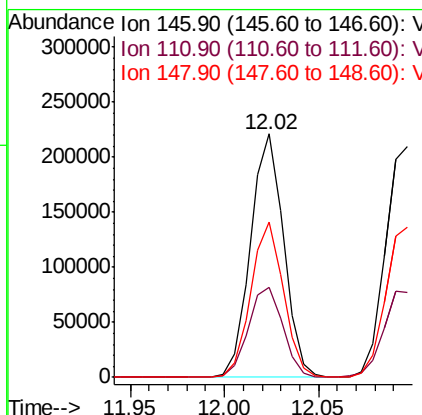
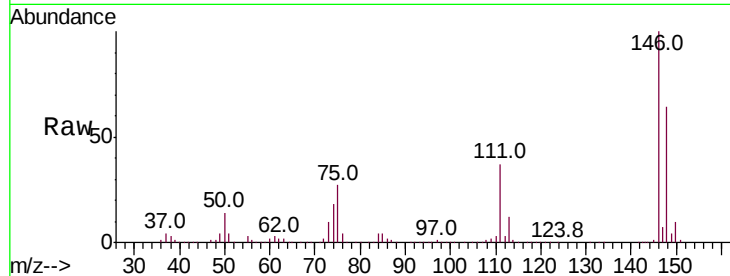
#87
 1,3-Dichlorobenzene
 Concen: 50.017 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	63.0	32.2	96.6

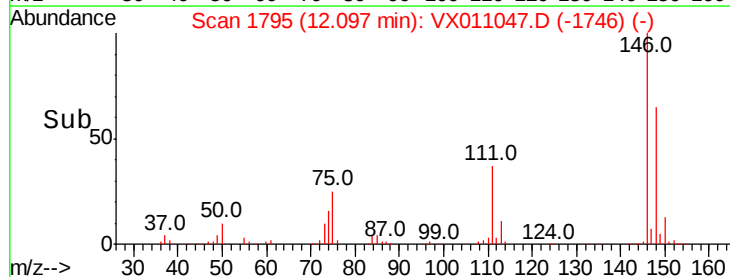
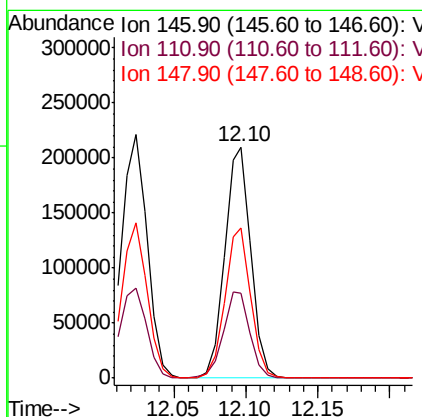
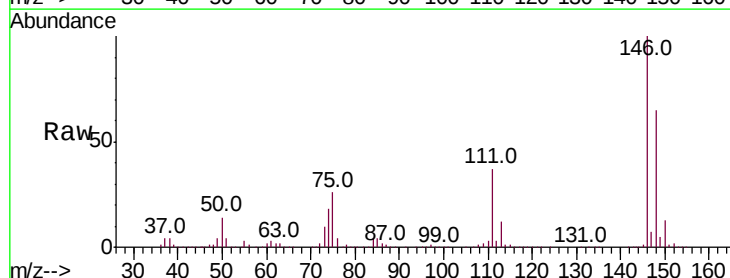
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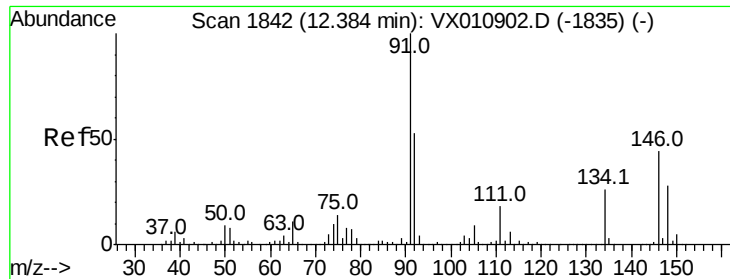
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#88
 1,4-Dichlorobenzene
 Concen: 48.020 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.8
148	64.5	31.6	94.7





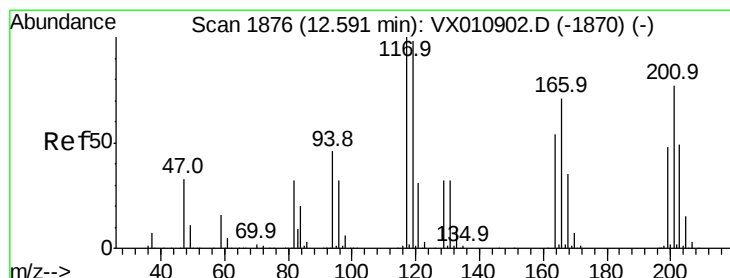
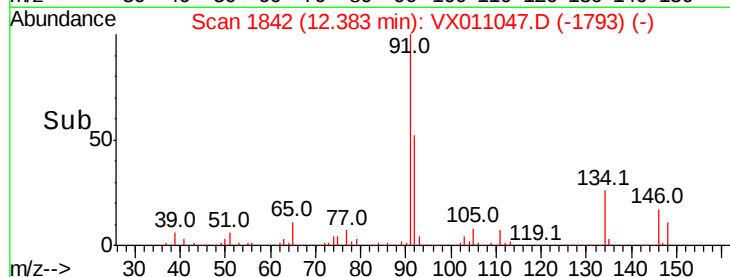
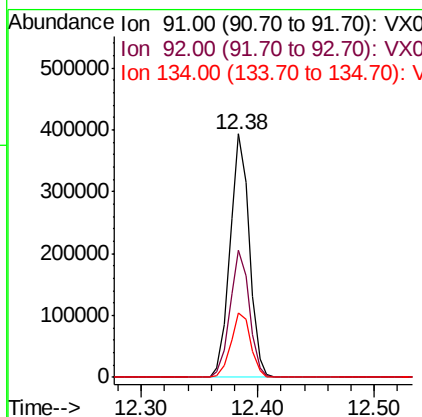
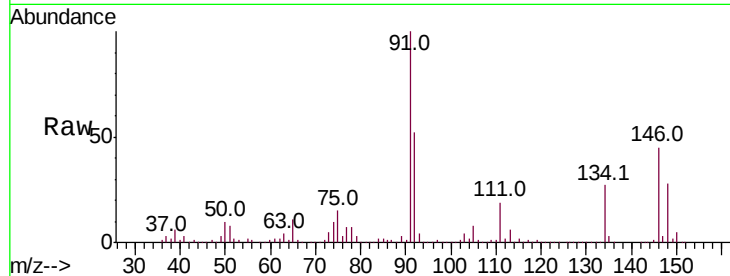
#89
n-Butylbenzene
Concen: 52.694 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.5
134	27.4	13.8	41.3

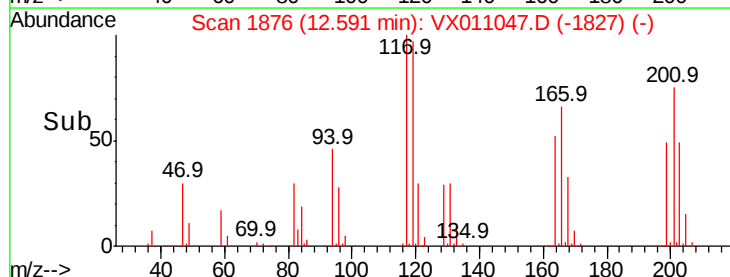
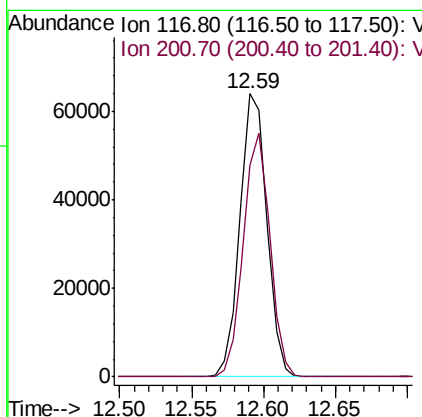
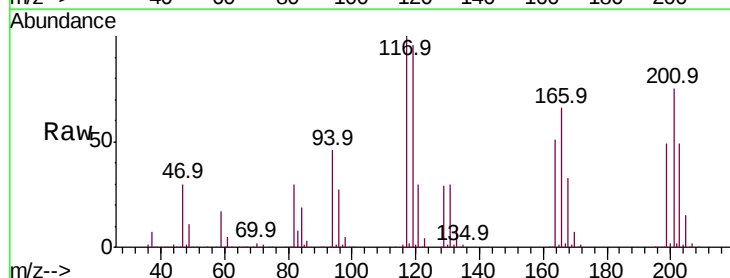
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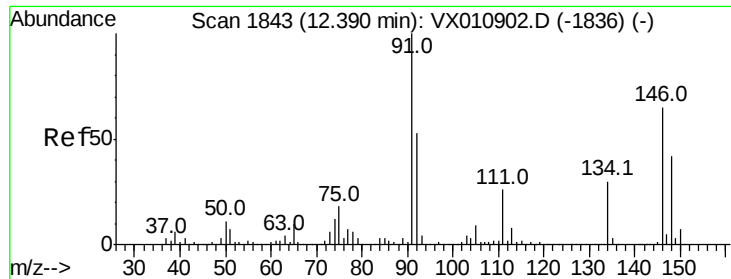
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#90
Hexachloroethane
Concen: 52.653 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.7	43.3	129.8





#91

1,2-Dichlorobenzene

Concen: 49.541 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

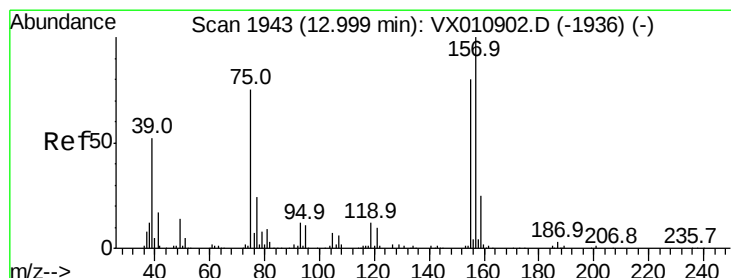
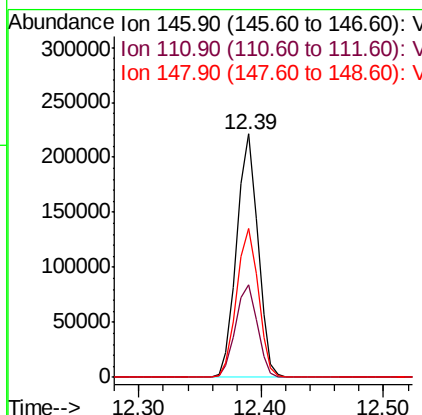
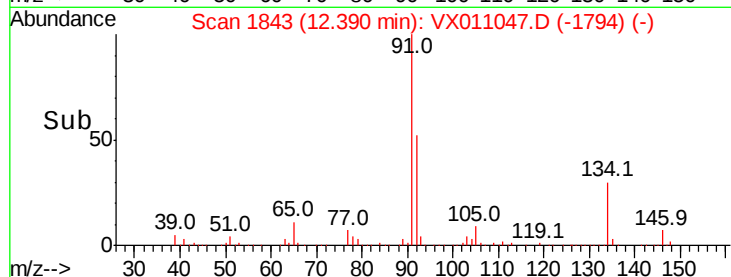
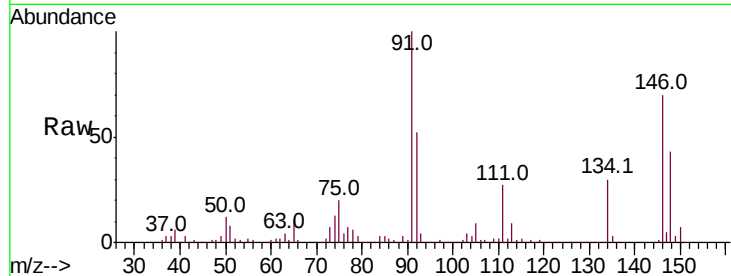
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	264824
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.9	59.7
148	62.7	32.0	96.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.810 ug/l

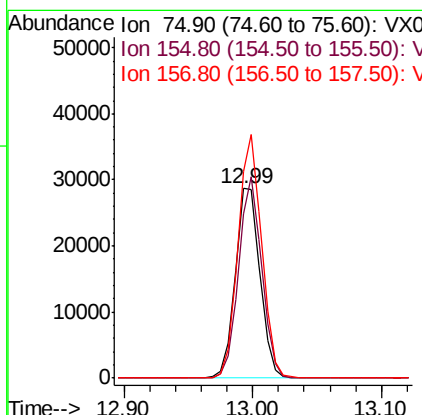
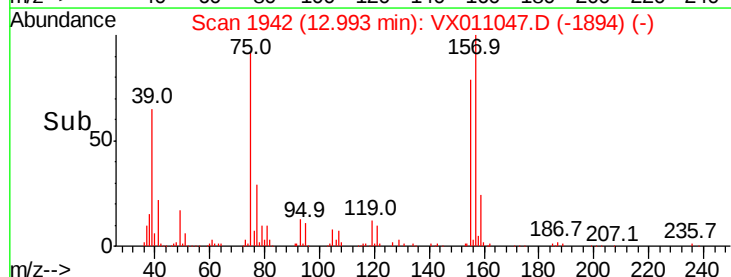
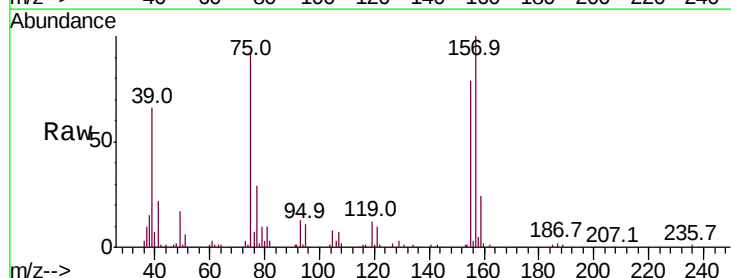
RT: 12.99 min Scan# 1942

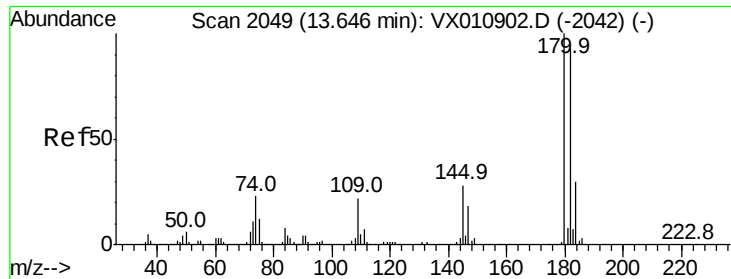
Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Tgt Ion:	75	Resp:	38393
Ion Ratio	Lower	Upper	
75	100		
155	98.4	48.7	146.1
157	121.5	62.5	187.6





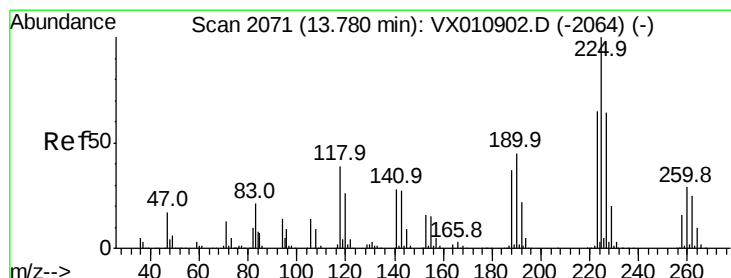
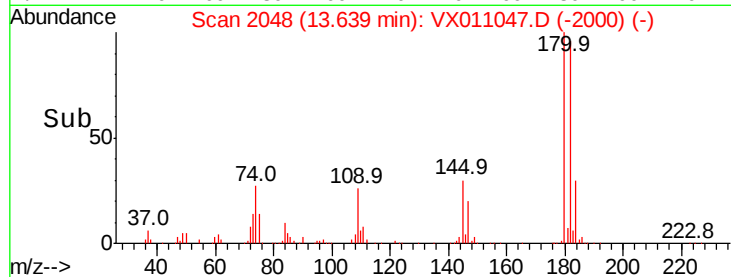
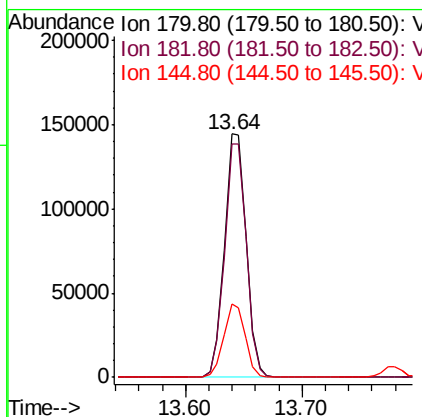
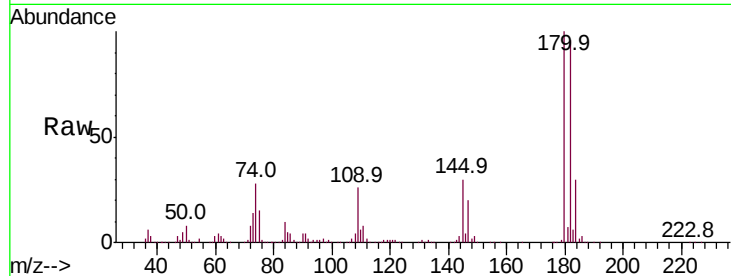
#93
 1,2,4-Trichlorobenzene
 Concen: 51.281 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	185779		
182	96.6	47.1	141.3	
145	29.8	14.8	44.4	

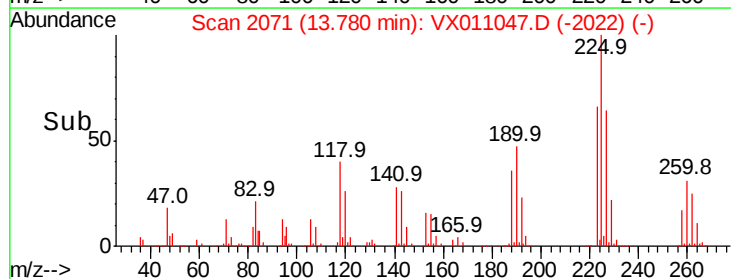
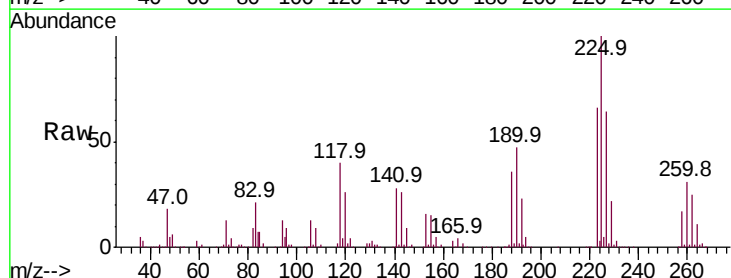
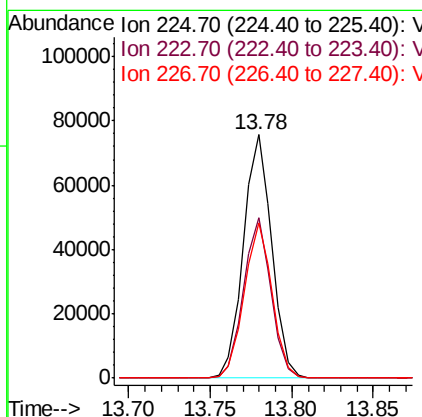
Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:06:37 PM



#94
 Hexachlorobutadiene
 Concen: 50.977 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	91518		
223	63.8	31.9	95.9	
227	62.9	32.5	97.4	





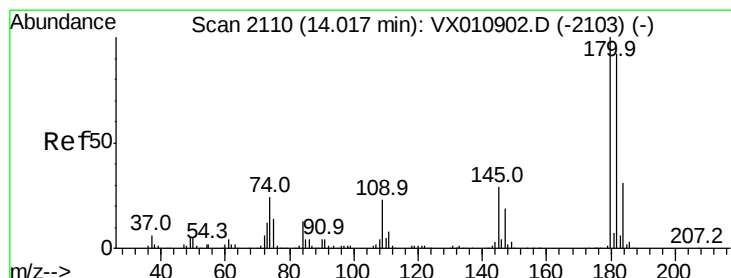
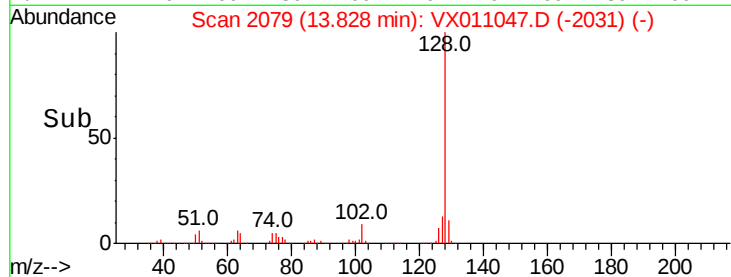
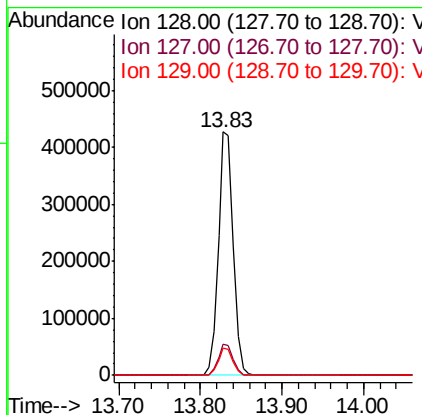
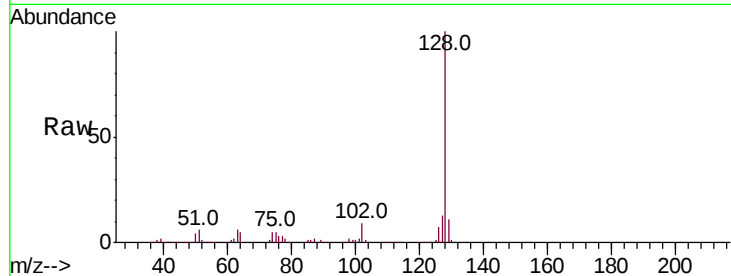
#95
Naphthalene
Concen: 51.305 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

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7/25/2019 3:06:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.220 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.3
145	31.6	15.1	45.3

