

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010950.D
 Acq On : 18 Jul 2019 11:52
 Operator : JC/SP
 Sample : VX0718WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 12:03:25 PM

Quant Time: Jul 19 01:47:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	211741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148840	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103273	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
35) Dibromofluoromethane	5.49	113	93513	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.71	98	353244	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.13	95	126805	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44328	19.965	ug/l	99
3) Chloromethane	1.33	50	39045	20.052	ug/l	97
4) Vinyl Chloride	1.41	62	40421	20.352	ug/l	98
5) Bromomethane	1.64	94	25584	22.859	ug/l	99
6) Chloroethane	1.73	64	25175	19.946	ug/l	98
7) Trichlorofluoromethane	1.93	101	68018	20.232	ug/l	99
8) Diethyl Ether	2.19	74	22759	19.648	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38175	19.887	ug/l	97
10) Methyl Iodide	2.51	142	42008	16.676	ug/l	99
11) Tert butyl alcohol	3.04	59	48383	92.227	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36178	19.182	ug/l	99
13) Acrolein	2.29	56	23574	77.776	ug/l	100
14) Allyl chloride	2.73	41	53856	19.659	ug/l	98
15) Acrylonitrile	3.14	53	103684	97.808	ug/l	99
16) Acetone	2.44	43	95842	94.204	ug/l	98
17) Carbon Disulfide	2.57	76	90147	18.633	ug/l	99
18) Methyl Acetate	2.78	43	44900	19.382	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	119009	19.601	ug/l	99
20) Methylene Chloride	2.86	84	42095	19.524	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	39053	19.515	ug/l	93
22) Diisopropyl ether	3.85	45	113142	19.582	ug/l	99
23) Vinyl Acetate	3.82	43	484069	98.880	ug/l	99
24) 1,1-Dichloroethane	3.70	63	64333	19.172	ug/l	98
25) 2-Butanone	4.67	43	144074	98.651	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50296	18.255	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45649	19.710	ug/l	96
28) Bromochloromethane	5.02	49	31426	19.874	ug/l	97
29) Tetrahydrofuran	5.13	42	90245	97.551	ug/l	99
30) Chloroform	5.21	83	69995	19.299	ug/l	99
31) Cyclohexane	5.58	56	59971	19.608	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	60258	19.204	ug/l	99
36) 1,1-Dichloropropene	5.81	75	49565	19.326	ug/l	98
37) Ethyl Acetate	4.84	43	52951	20.163	ug/l	98
38) Carbon Tetrachloride	5.79	117	51773	19.372	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65600	19.724	ug/l	94
40) Benzene	6.15	78	156262	19.890	ug/l	99
41) Methacrylonitrile	5.05	41	28330	19.003	ug/l	99
42) 1,2-Dichloroethane	6.19	62	53513	19.590	ug/l	100
43) Isopropyl Acetate	6.45	43	83385	19.310	ug/l	99
44) Trichloroethene	7.21	130	44807	19.268	ug/l	94
45) 1,2-Dichloropropane	7.51	63	39034	19.521	ug/l	95
46) Dibromomethane	7.66	93	28761	20.129	ug/l	98
47) Bromodichloromethane	7.90	83	48789	19.182	ug/l	99
48) Methyl methacrylate	7.77	41	40928	19.456	ug/l	99
49) 1,4-Dioxane	7.74	88	22978	390.489	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	281121	100.426	ug/l	99
52) Toluene	8.78	92	101252	19.619	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	51838	18.955	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	58968	19.377	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42179	19.849	ug/l	98
56) Ethyl methacrylate	9.18	69	61846	19.896	ug/l	98
57) 1,3-Dichloropropane	9.37	76	67117	19.910	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	144355	97.285	ug/l	99
59) 2-Hexanone	9.49	43	220546	101.579	ug/l	99
60) Dibromochloromethane	9.58	129	41894	18.792	ug/l	100
61) 1,2-Dibromoethane	9.67	107	44908	19.913	ug/l	99
64) Tetrachloroethene	9.33	164	44782	19.701	ug/l	97
65) Chlorobenzene	10.13	112	113176	19.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39716	19.042	ug/l	98
67) Ethyl Benzene	10.25	91	198464	19.647	ug/l	99
68) m/p-Xylenes	10.36	106	151060	38.985	ug/l	99
69) o-Xylene	10.69	106	73870	19.534	ug/l	99
70) Styrene	10.71	104	124410	19.735	ug/l	98
71) Bromoform	10.85	173	30298	17.690	ug/l #	99
73) Isopropylbenzene	11.02	105	197235	19.612	ug/l	100
74) N-amyl acetate	10.90	43	74036	19.266	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	64139	19.488	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	52372m	19.499	ug/l	
77) Bromobenzene	11.26	156	53863	19.416	ug/l	99
78) n-propylbenzene	11.36	91	220941	19.883	ug/l	98
79) 2-Chlorotoluene	11.42	91	128897	19.309	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164985	19.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16832	18.593	ug/l	94
82) 4-Chlorotoluene	11.51	91	148316	19.090	ug/l	99
83) tert-Butylbenzene	11.77	119	161665	19.585	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	165690	19.562	ug/l	100
85) sec-Butylbenzene	11.94	105	192173	19.869	ug/l	100
86) p-Isopropyltoluene	12.06	119	176460	19.734	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	93328	19.386	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	94587	19.157	ug/l	99
89) n-Butylbenzene	12.38	91	148584	19.423	ug/l	100
90) Hexachloroethane	12.60	117	25345	17.970	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	94423	19.790	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12792	18.594	ug/l	97

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ClientSampleId :
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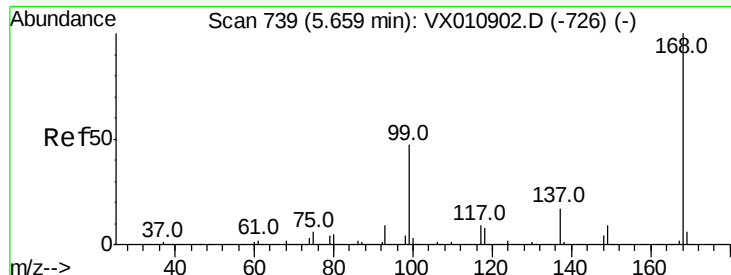
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62456	19.315	ug/l	100
94) Hexachlorobutadiene	13.78	225	31238	19.495	ug/l	97
95) Naphthalene	13.83	128	192249	20.134	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	64491	20.045	ug/l	100

(#) = 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: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion:168 Resp: 211741

Ion Ratio Lower Upper

168 100

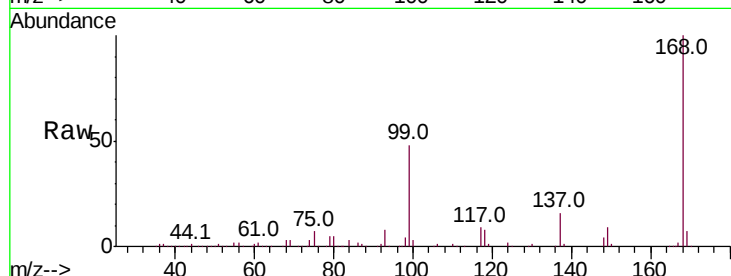
99 48.0 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

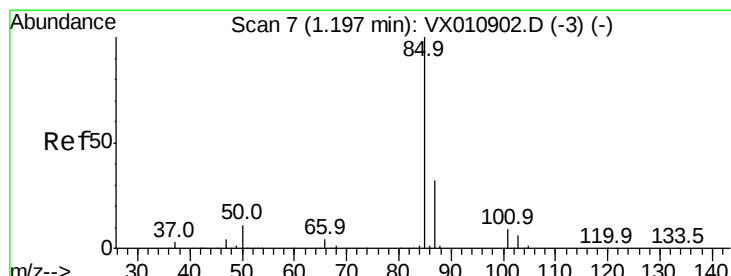
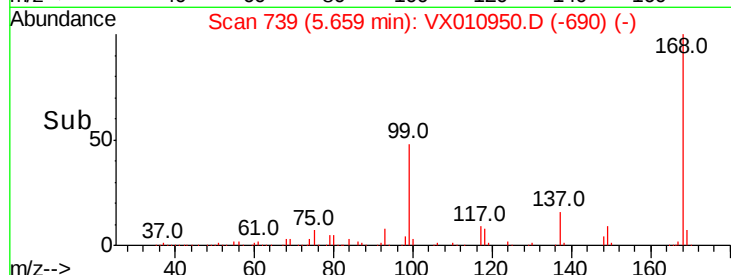
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.965 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010950.D

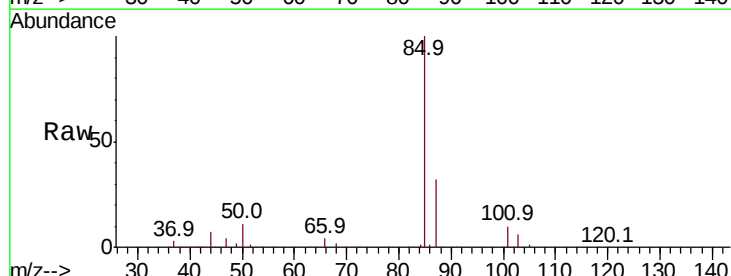
Acq: 18 Jul 2019 11:52

Tgt Ion: 85 Resp: 44328

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

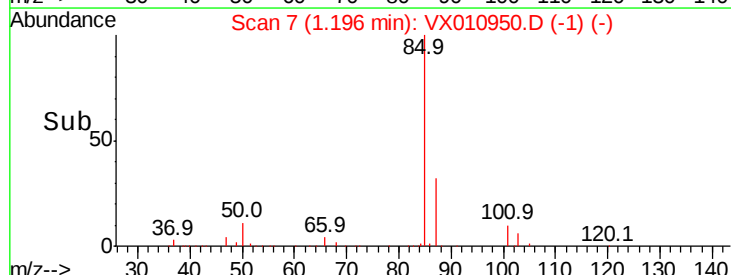
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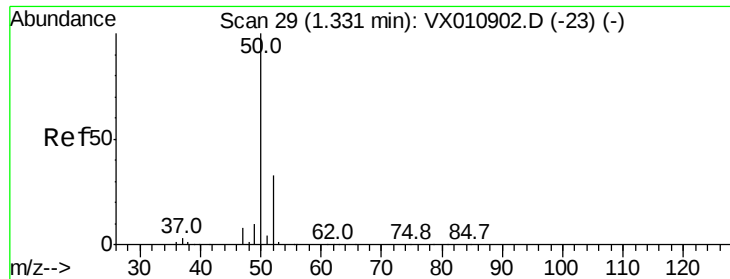
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 20.052 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion: 50 Resp: 39045

Ion Ratio Lower Upper

50 100

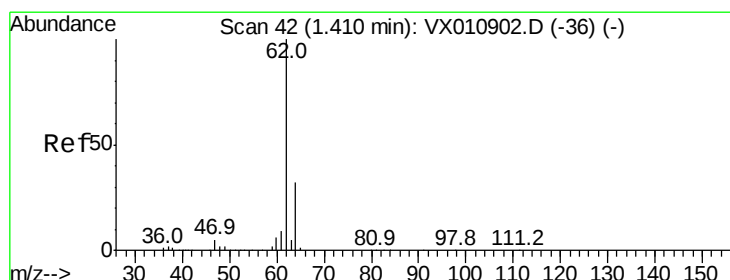
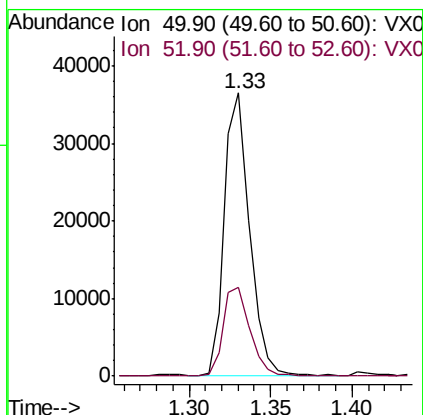
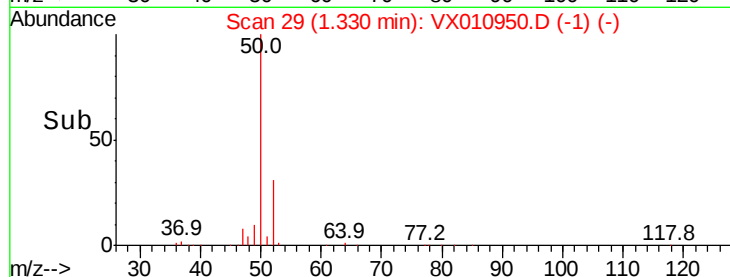
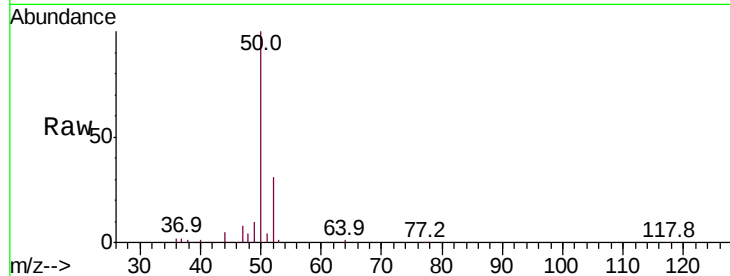
52 31.3 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.352 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010950.D

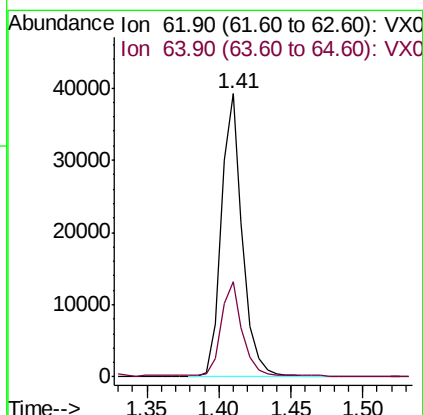
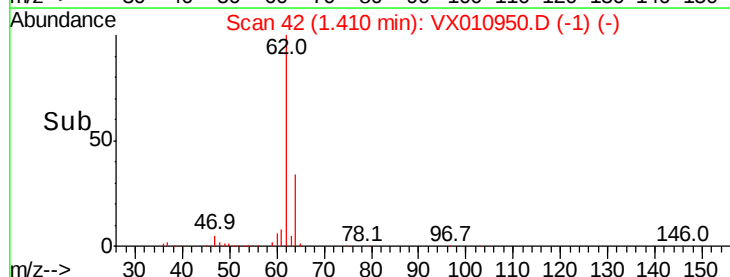
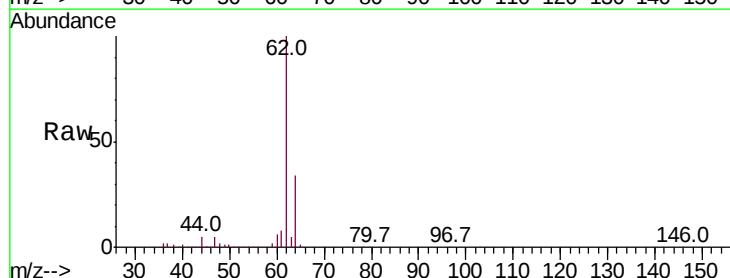
Acq: 18 Jul 2019 11:52

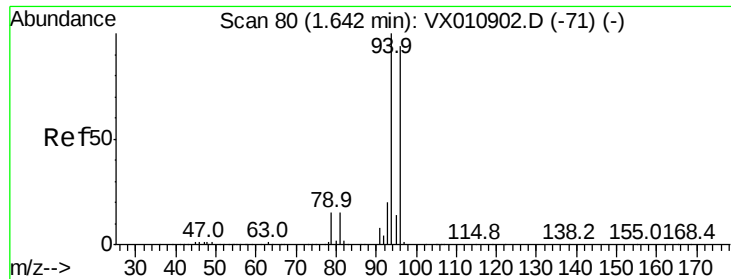
Tgt Ion: 62 Resp: 40421

Ion Ratio Lower Upper

62 100

64 33.3 25.7 38.5





#5

Bromomethane

Concen: 22.859 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion: 94 Resp: 25584

Ion Ratio Lower Upper

94 100

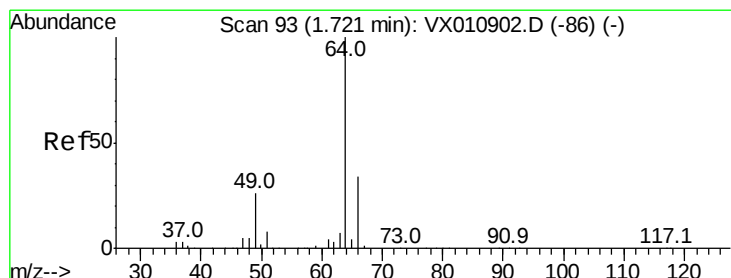
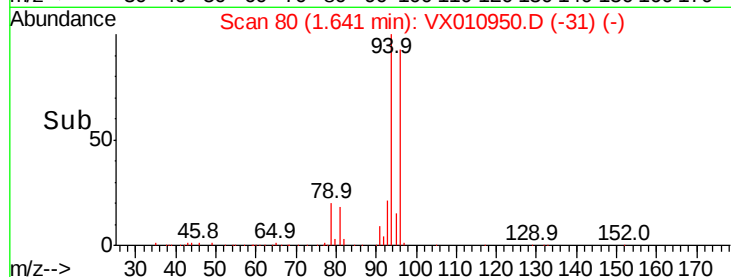
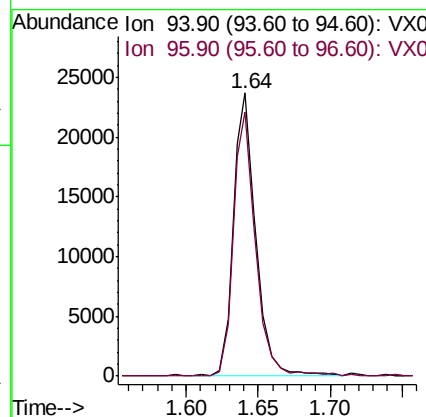
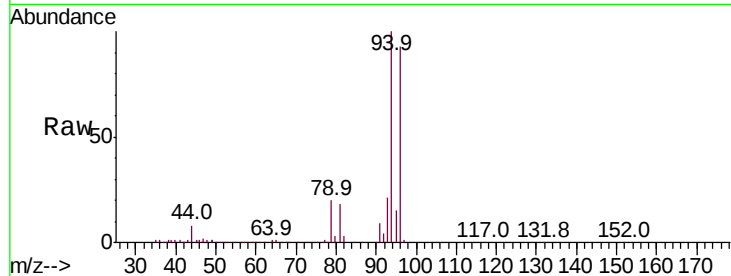
96 93.6 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 19.946 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010950.D

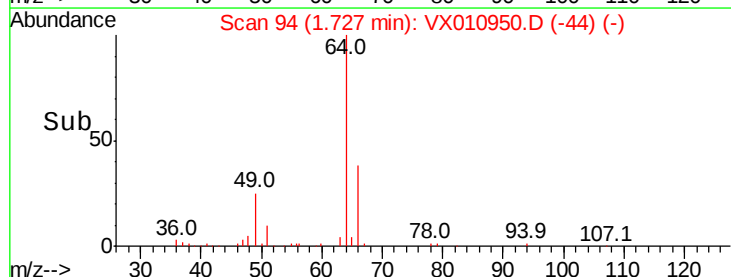
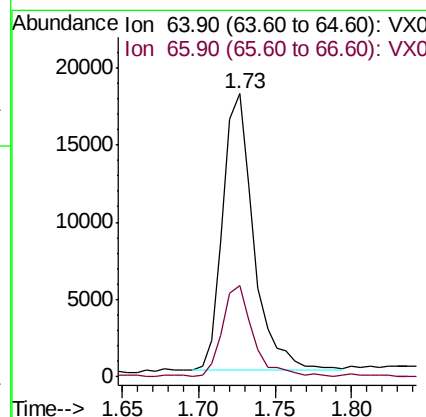
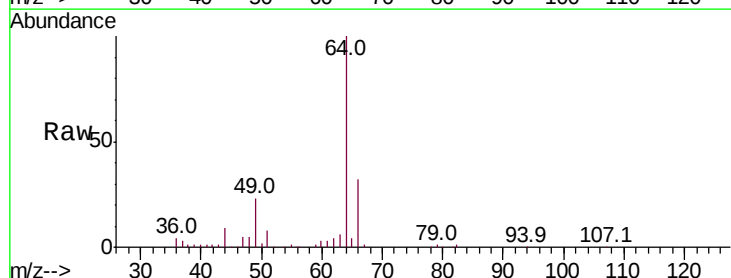
Acq: 18 Jul 2019 11:52

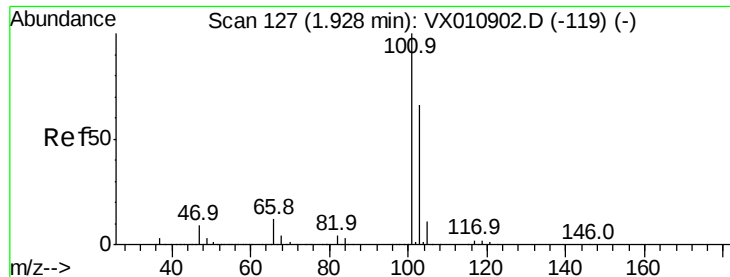
Tgt Ion: 64 Resp: 25175

Ion Ratio Lower Upper

64 100

66 32.5 27.0 40.6





#7

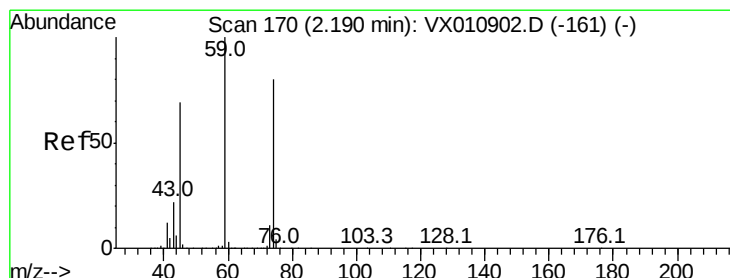
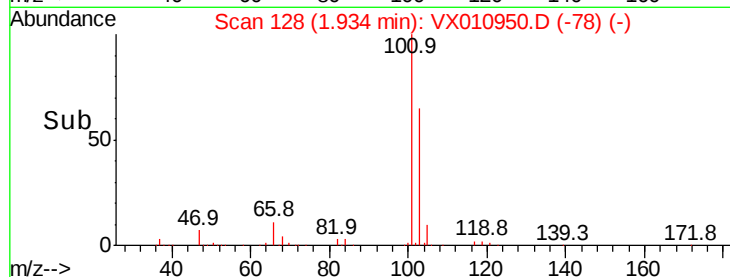
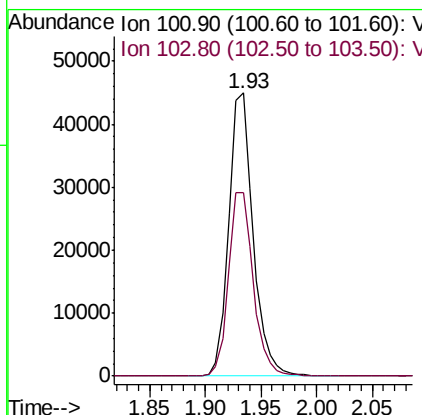
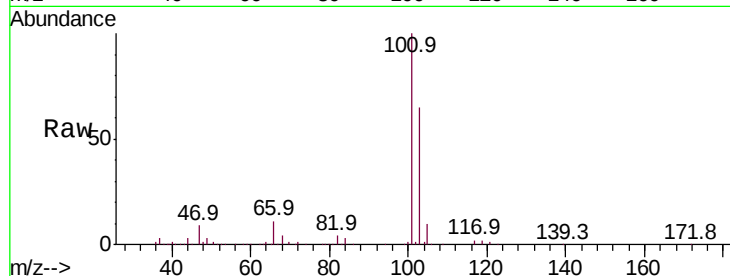
Trichlorofluoromethane
 Concen: 20.232 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

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 MSVOA_X
 ClientSampleId :
 VX0718WBS01

Tot Ion:101 Resp: 68018
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 78.8

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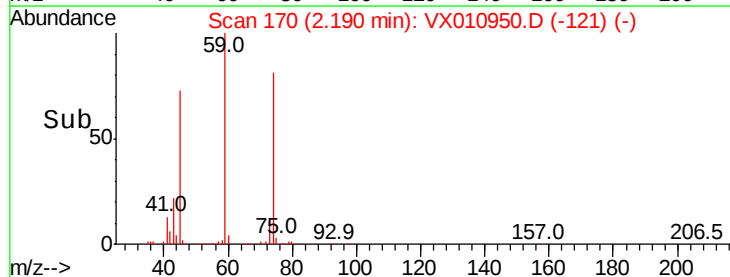
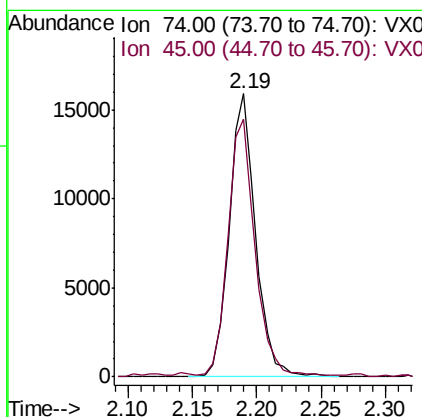
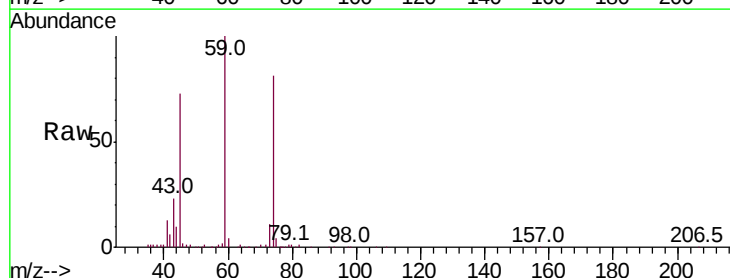
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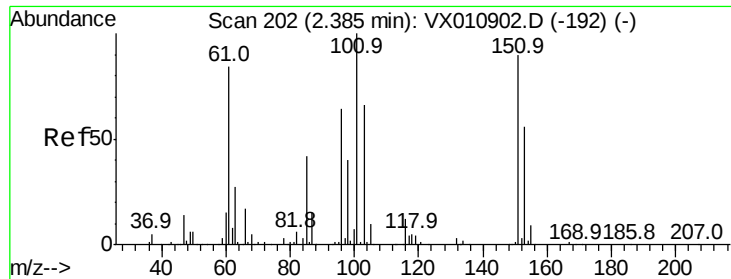


#8

Diethyl Ether
 Concen: 19.648 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion: 74 Resp: 22759
 Ion Ratio Lower Upper
 74 100
 45 91.8 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.887 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion:101 Resp: 38175

Ion Ratio Lower Upper

101 100

85 44.7 34.6 52.0

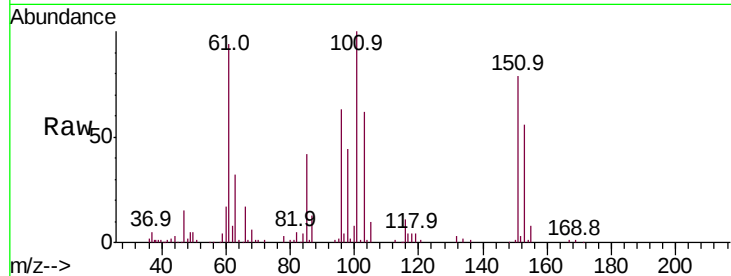
151 84.2 69.6 104.4

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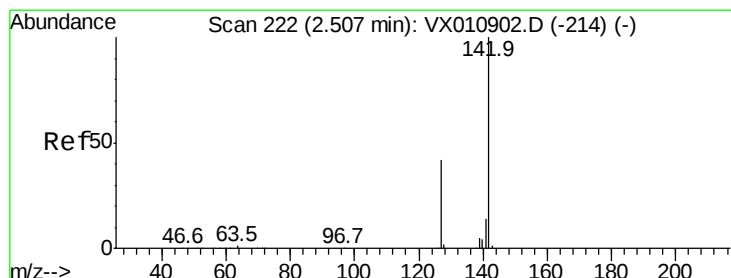
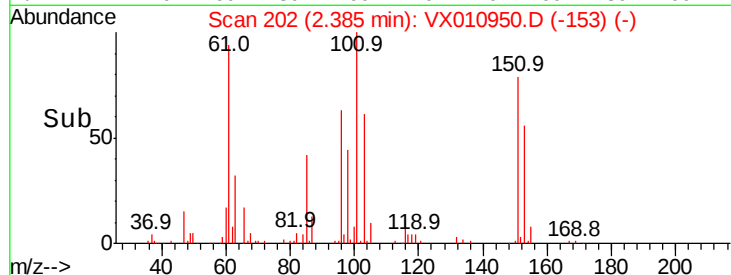
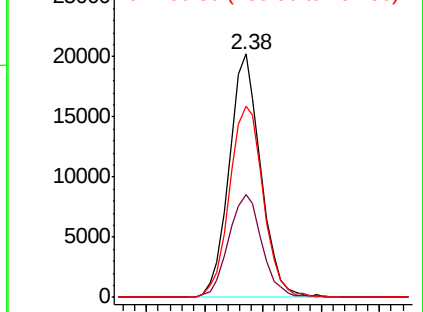
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.676 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

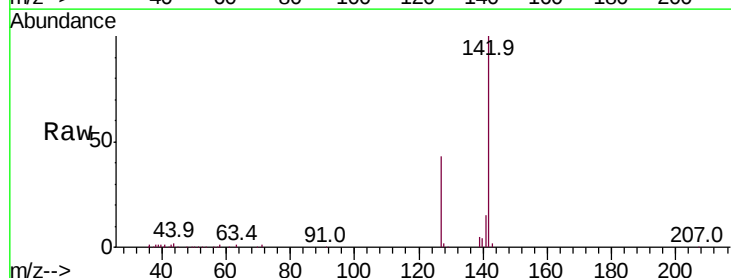
Tgt Ion:142 Resp: 42008

Ion Ratio Lower Upper

142 100

127 42.6 34.2 51.4

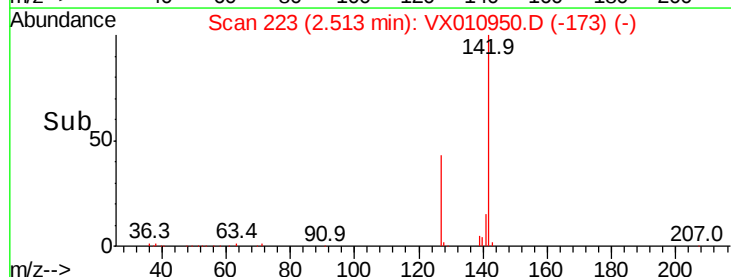
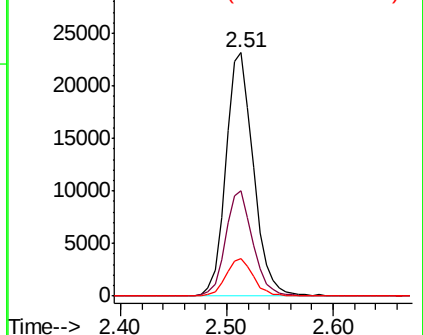
141 15.1 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

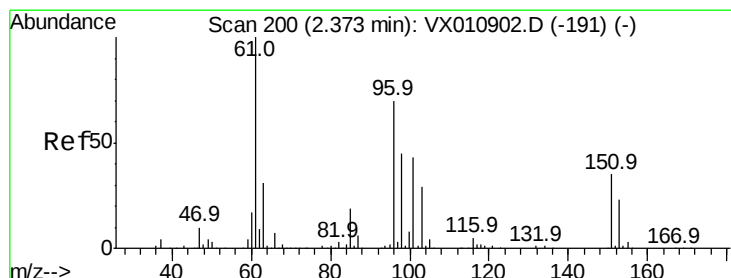
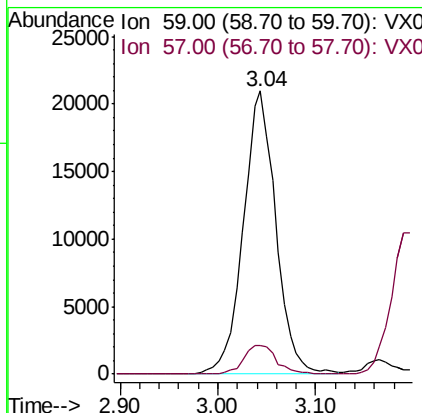
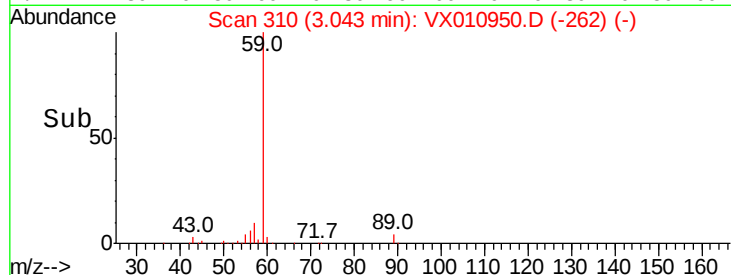
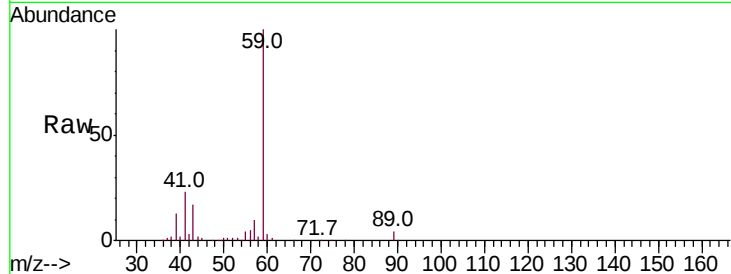
Tert butyl alcohol
Concen: 92.227 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion: 59 Resp: 48383
Ion Ratio Lower Upper
59 100
57 10.4 7.9 11.9

Manual Integrations
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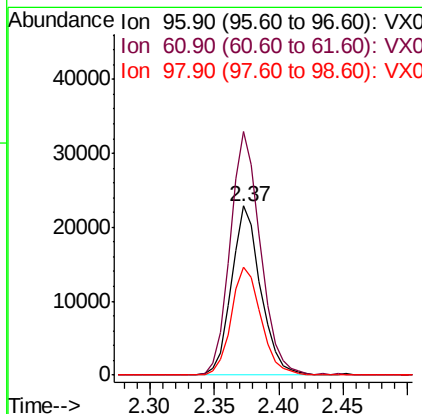
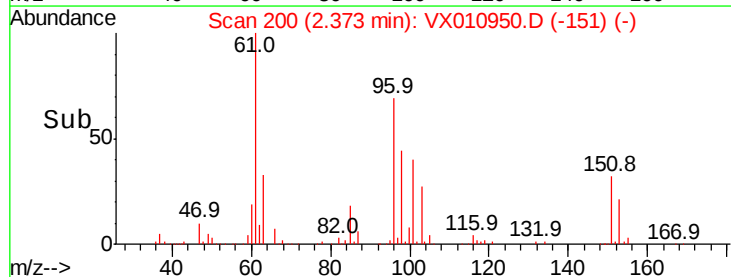
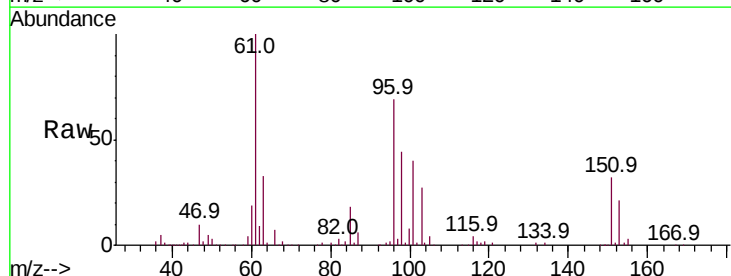
MMDadoda
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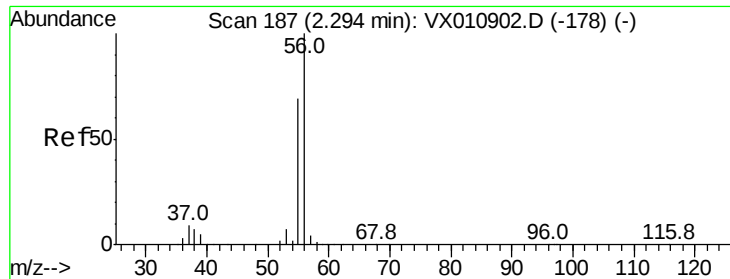


#12

1,1-Dichloroethene
Concen: 19.182 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 96 Resp: 36178
Ion Ratio Lower Upper
96 100
61 143.8 115.0 172.4
98 63.7 52.2 78.2





#13

Acrolein

Concen: 77.776 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion: 56 Resp: 23574

Ion Ratio Lower Upper

56 100

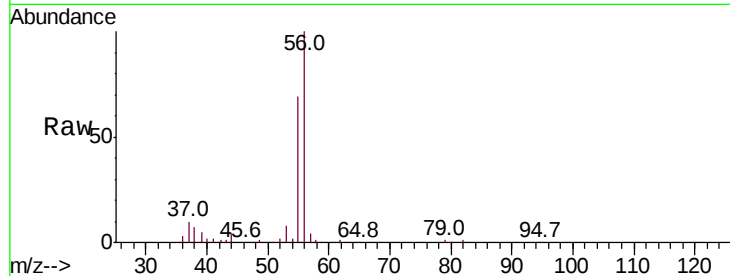
55 70.3 55.9 83.9

Manual Integrations

APPROVED

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

15000

10000

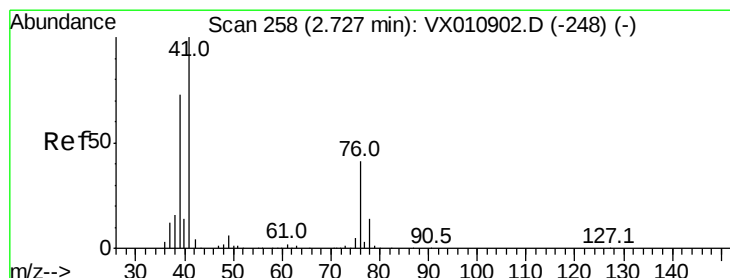
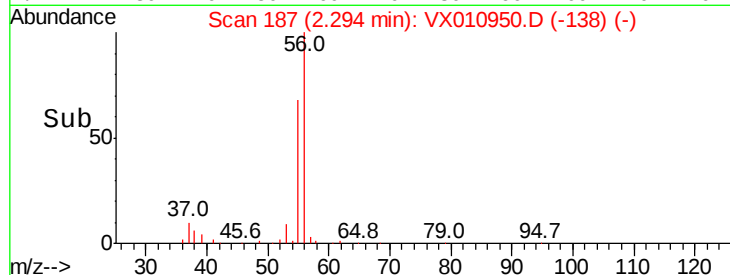
5000

0

2.29

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 19.659 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

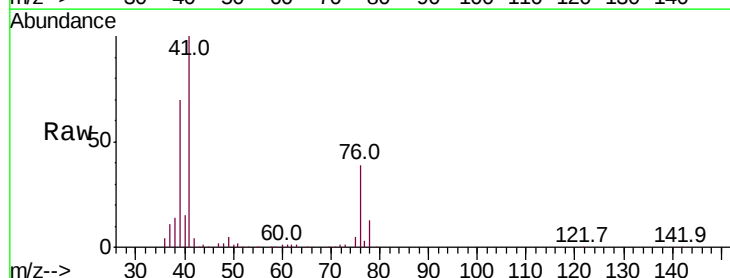
Tgt Ion: 41 Resp: 53856

Ion Ratio Lower Upper

41 100

39 65.2 53.6 80.4

76 36.3 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

20000

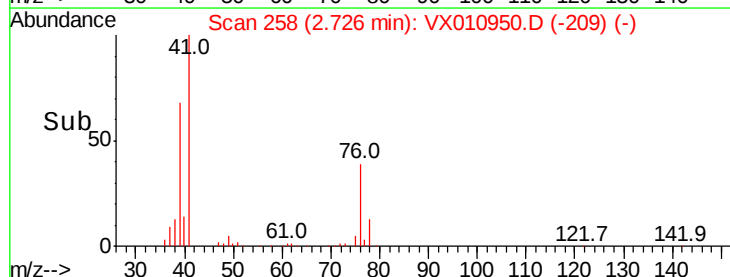
10000

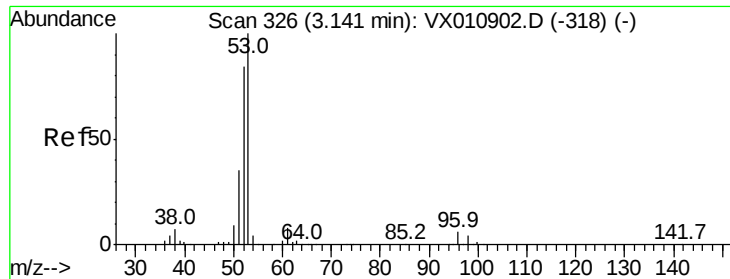
0

2.73

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 97.808 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

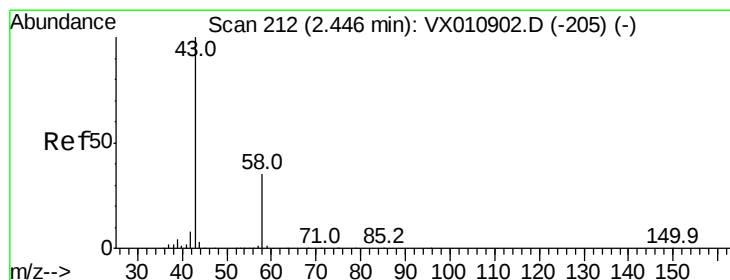
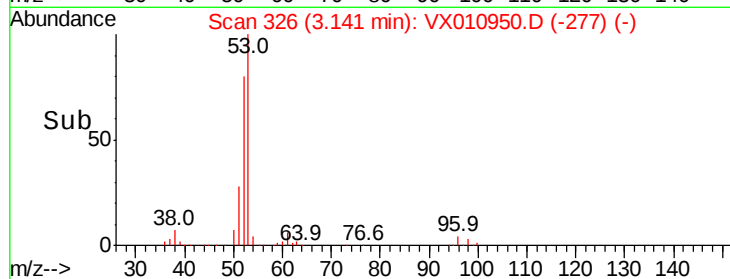
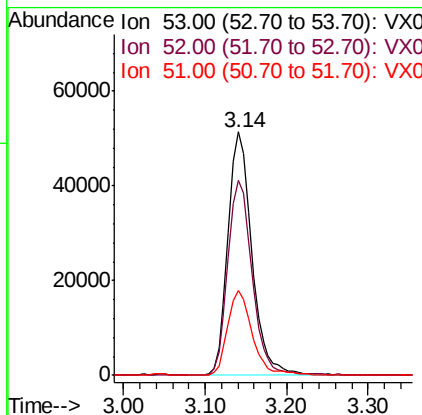
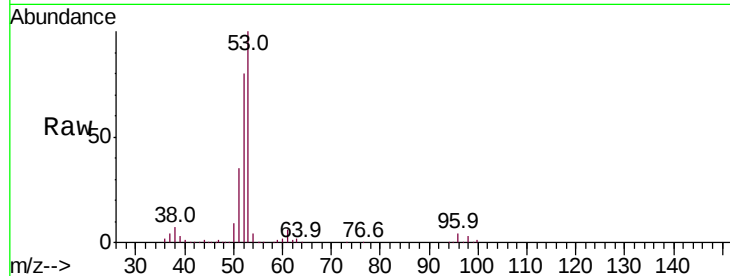
ClientSampleId :

VX0718WBS01

Tot Ion:	53	Resp:	103684
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.5	99.7
51	36.1	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 94.204 ug/l

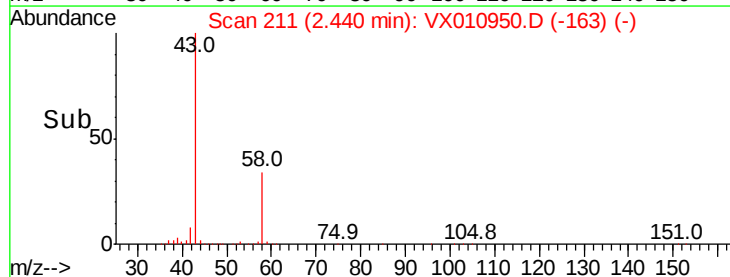
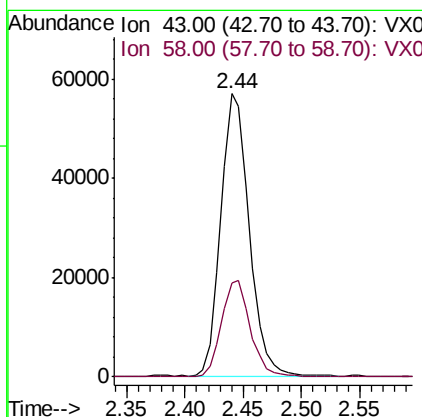
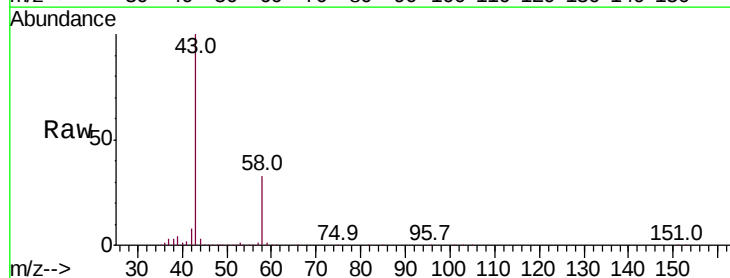
RT: 2.44 min Scan# 211

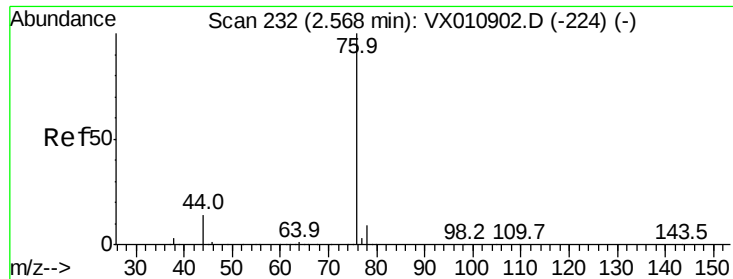
Delta R.T. -0.01 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Tgt Ion:	43	Resp:	95842
Ion Ratio	Lower	Upper	
43	100		
58	33.4	27.7	41.5





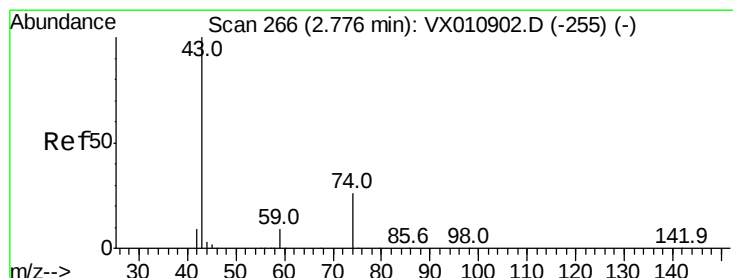
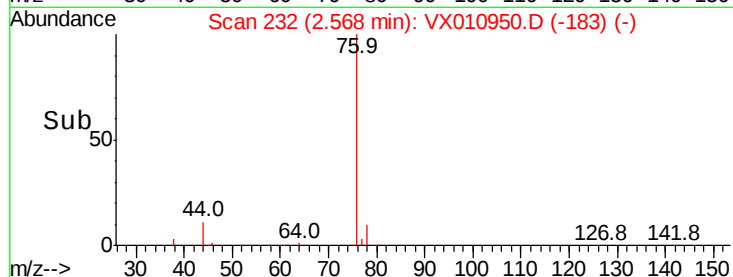
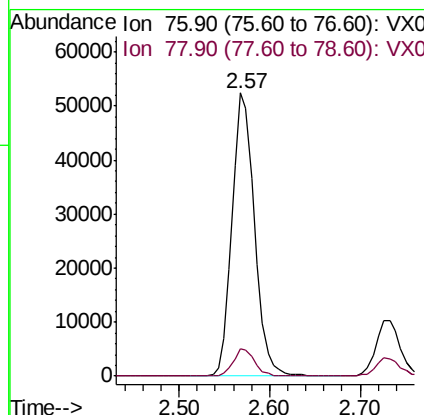
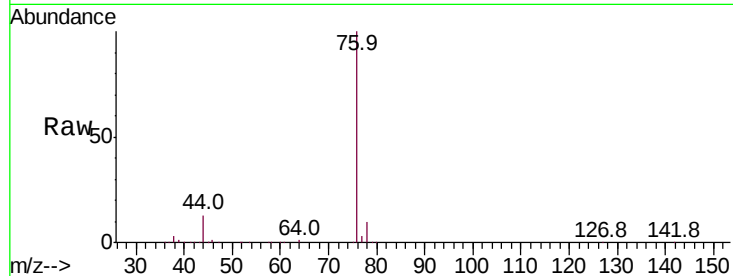
#17
Carbon Disulfide
Concen: 18.633 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion: 76 Resp: 90147
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

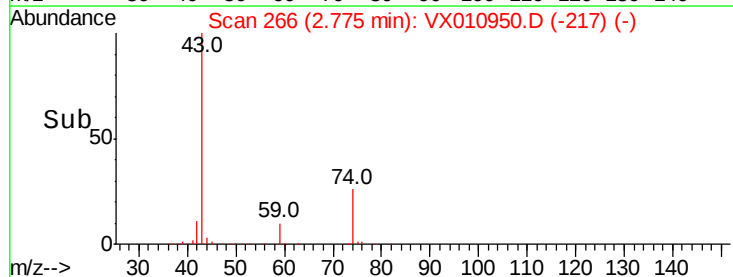
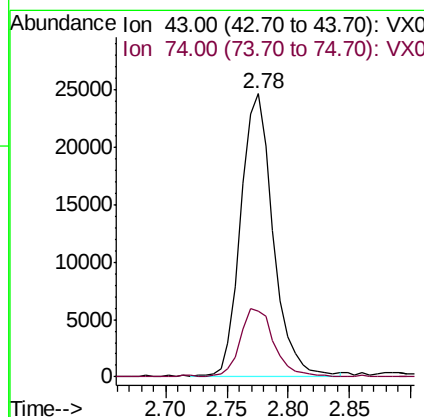
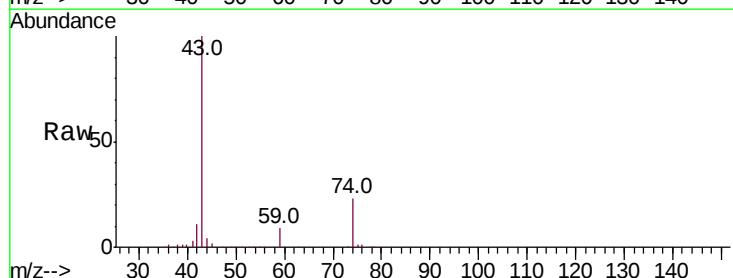
Manual Integrations
APPROVED

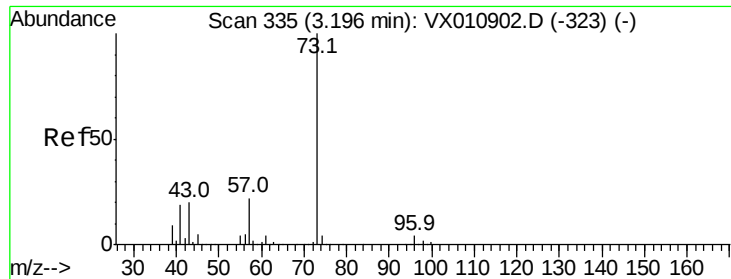
MMDadoda
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#18
Methyl Acetate
Concen: 19.382 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 43 Resp: 44900
Ion Ratio Lower Upper
43 100
74 25.7 21.5 32.3





#19

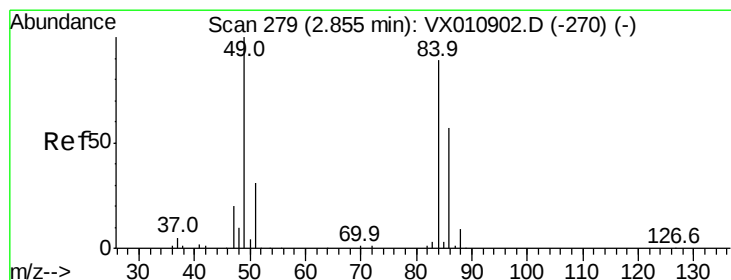
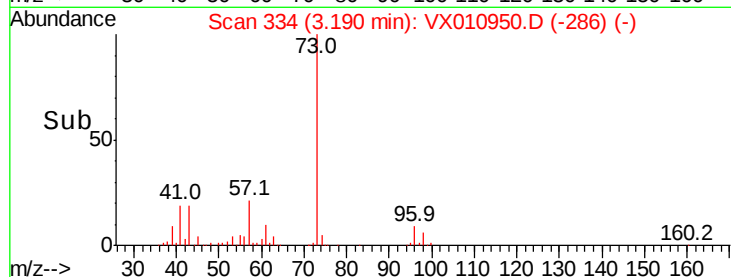
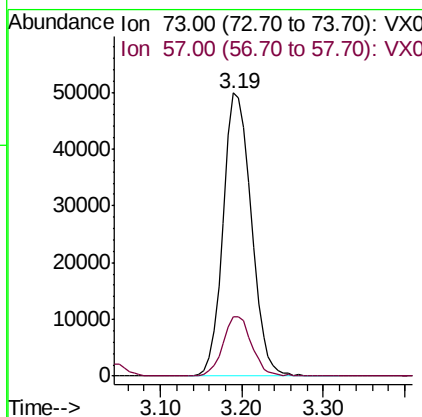
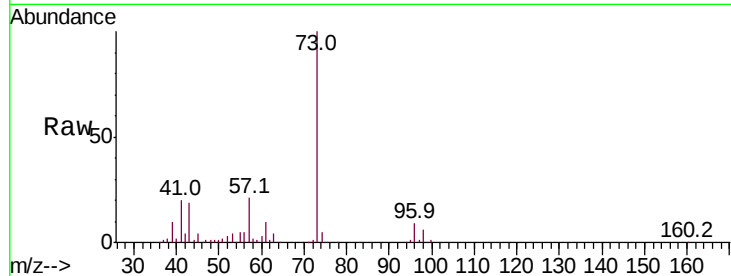
Methyl tert-butyl Ether
 Concen: 19.601 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.3	25.9

Manual Integrations
 APPROVED

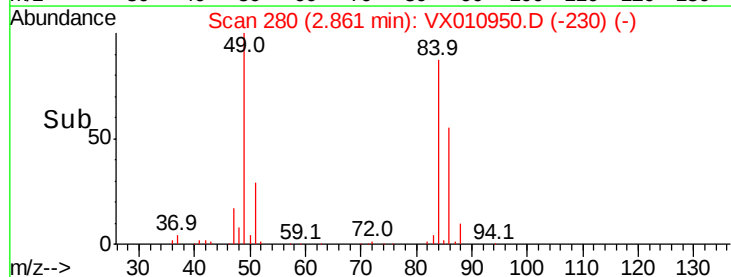
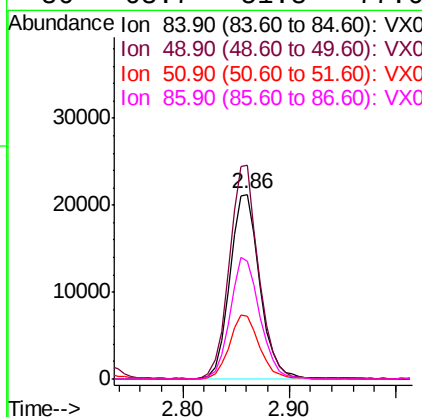
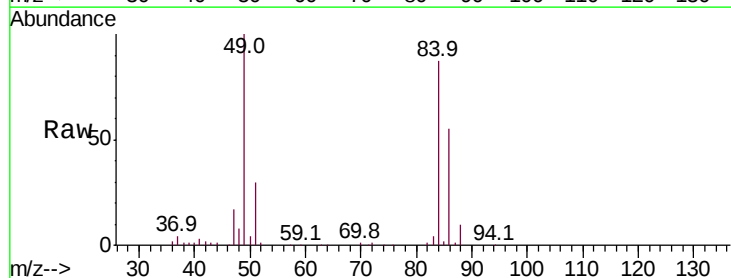
MMDadoda
 7/22/2019 12:03:25 PM

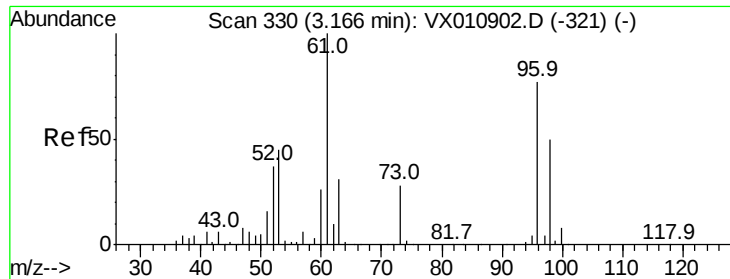


#20

Methylene Chloride
 Concen: 19.524 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.5	89.9	134.9
51	34.3	27.8	41.6
86	63.7	51.8	77.6





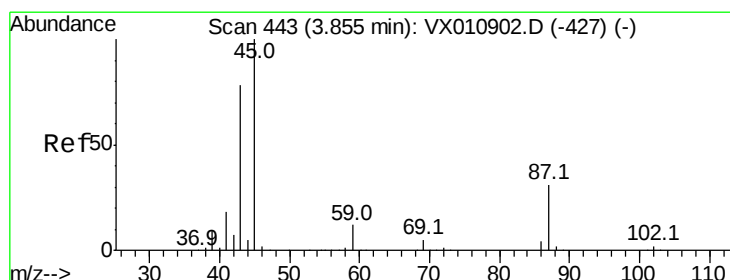
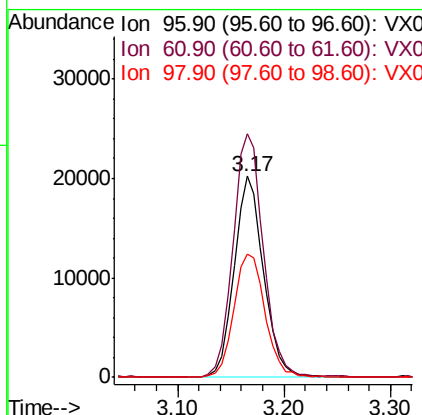
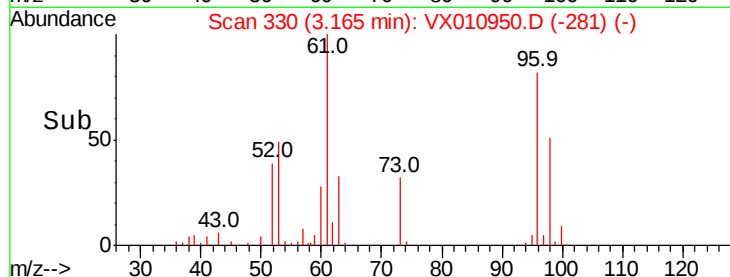
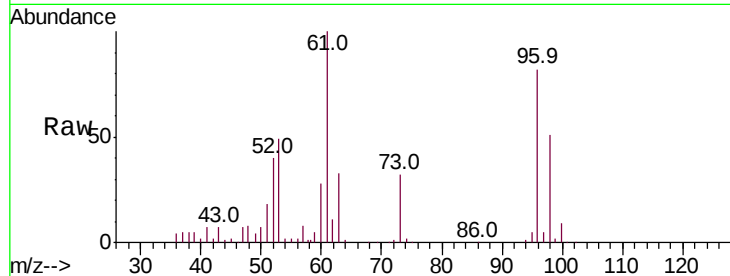
#21
trans-1,2-Dichloroethene
Concen: 19.515 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.9	104.2	156.2
98	61.5	52.2	78.4

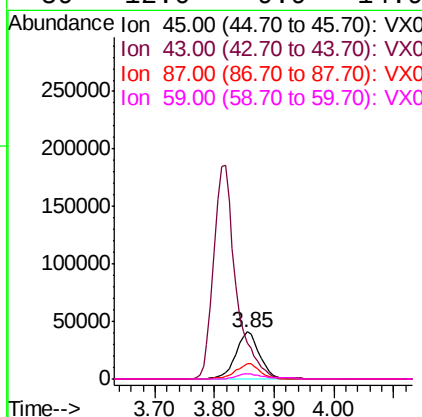
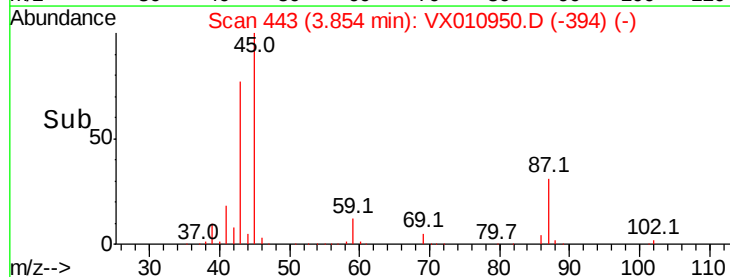
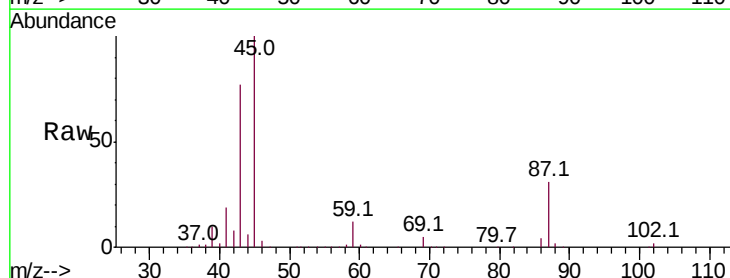
Manual Integrations
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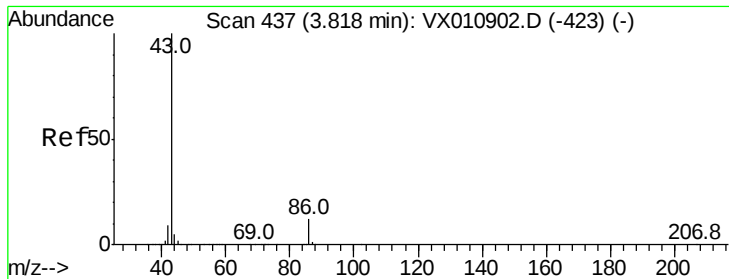
MMDadoda
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#22
Diisopropyl ether
Concen: 19.582 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
45	100		
43	76.4	62.3	93.5
87	31.3	25.0	37.4
59	12.0	9.9	14.9





#23

Vinyl Acetate

Concen: 98.880 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion: 43 Resp: 484069

Ion Ratio Lower Upper

43 100

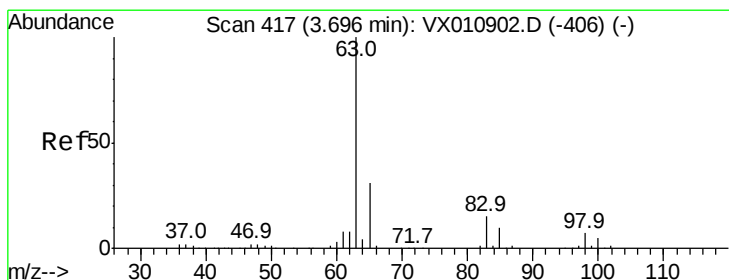
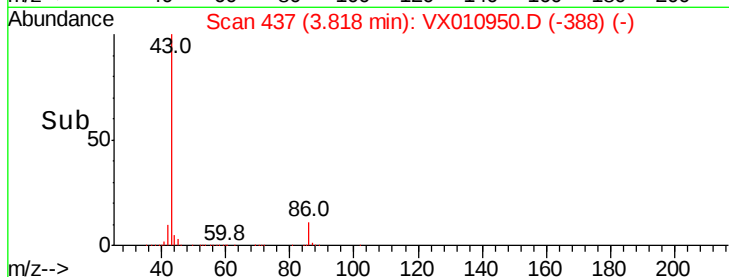
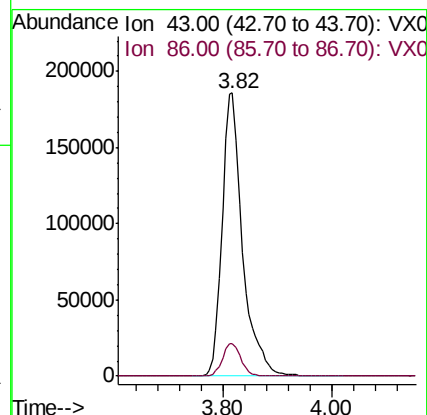
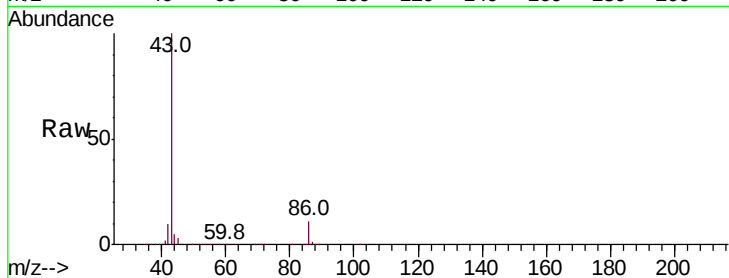
86 11.4 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.172 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

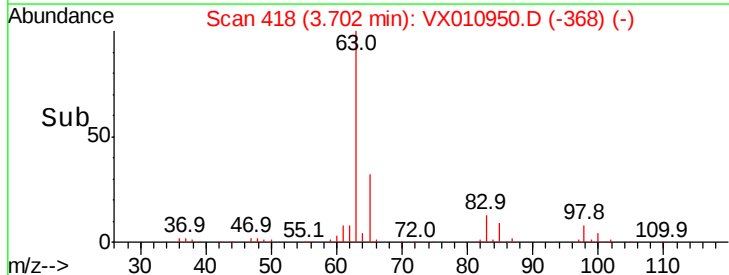
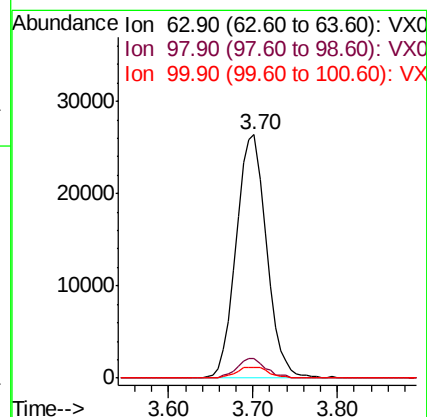
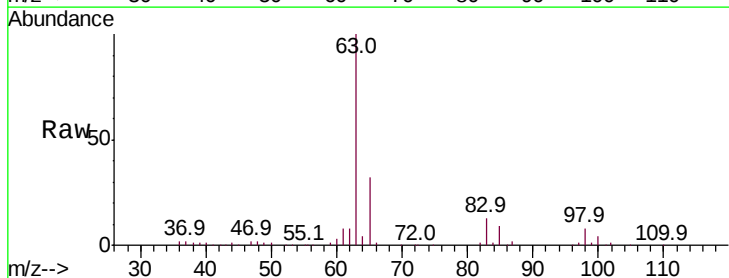
Tgt Ion: 63 Resp: 64333

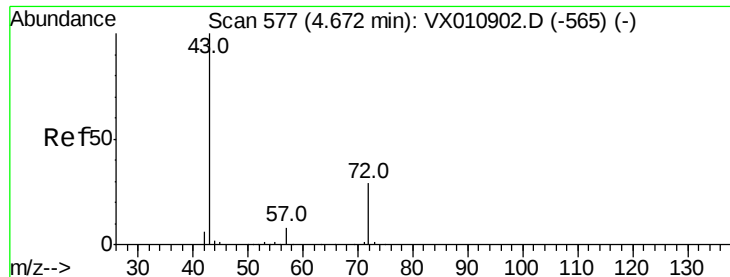
Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 98.651 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion: 43 Resp: 144074

Ion Ratio Lower Upper

43 100

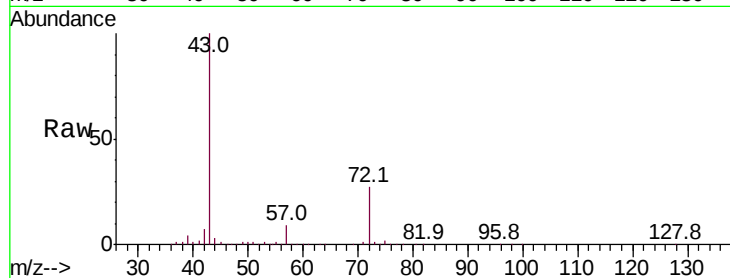
72 26.9 23.0 34.6

Manual Integrations

APPROVED

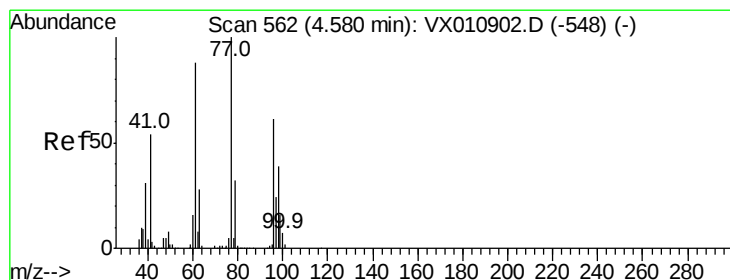
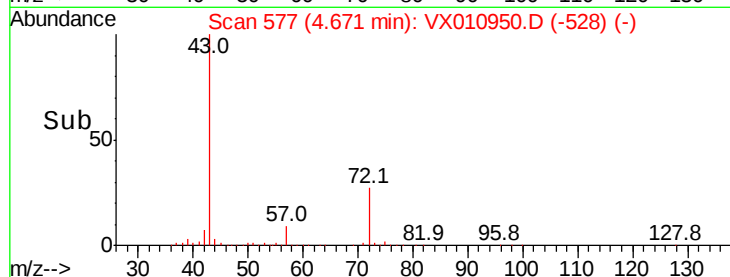
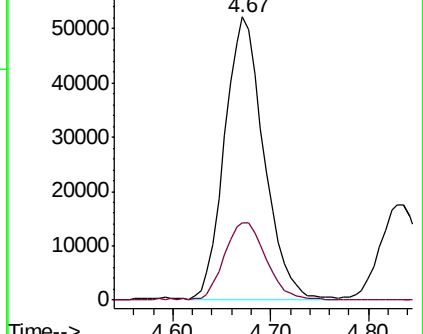
MMDadoda

7/22/2019 12:03:25 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.255 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010950.D

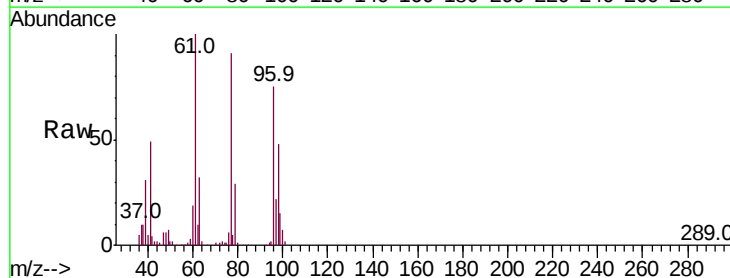
Acq: 18 Jul 2019 11:52

Tgt Ion: 77 Resp: 50296

Ion Ratio Lower Upper

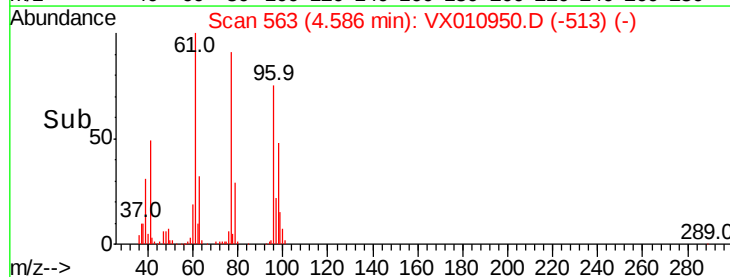
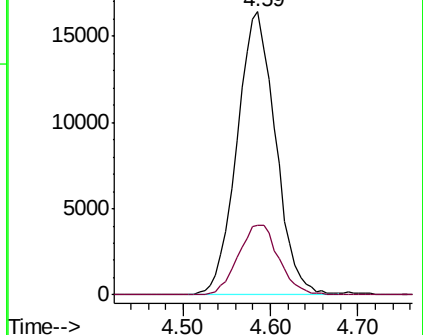
77 100

97 25.8 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

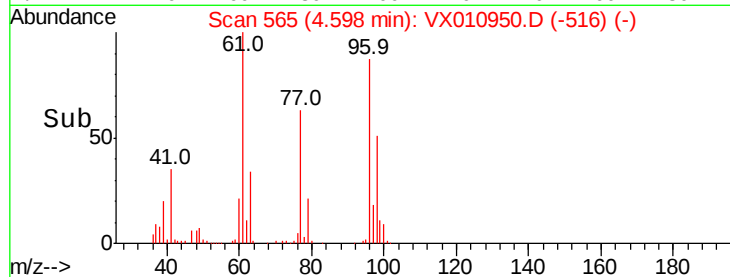
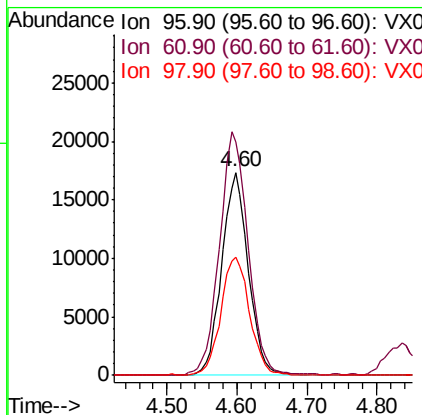
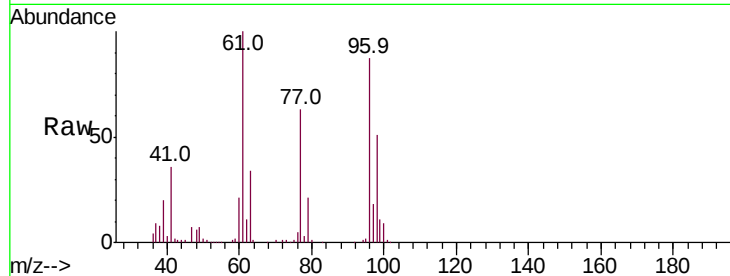
cis-1,2-Dichloroethene
Concen: 19.710 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	0.0	269.0
98	63.0	0.0	131.4

Manual Integrations
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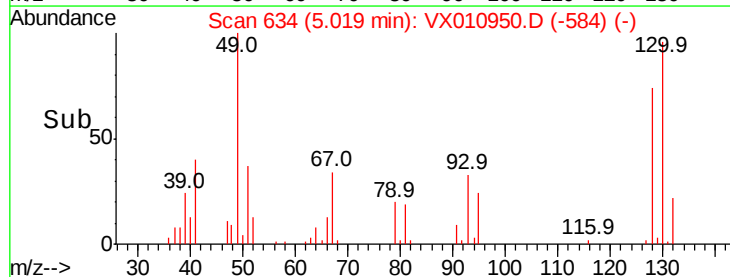
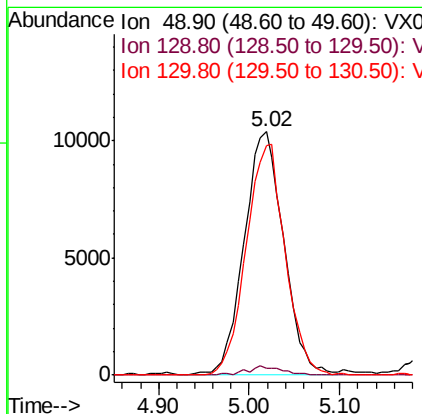
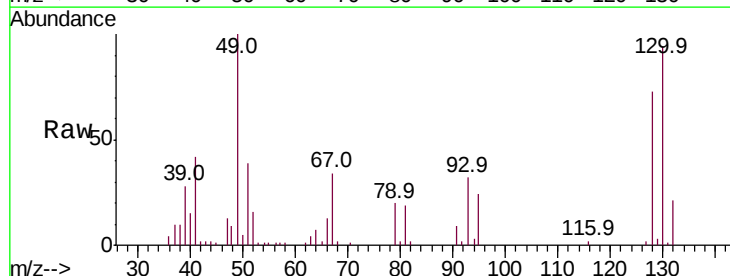
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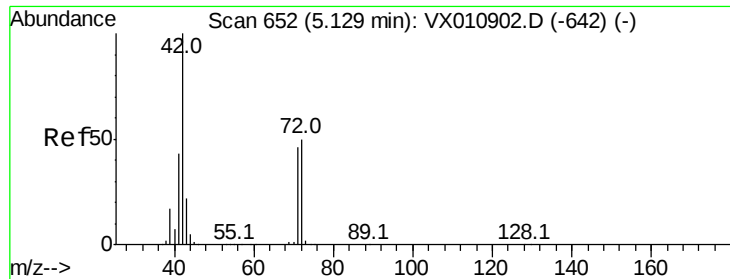


#28

Bromochloromethane
Concen: 19.874 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	5.2
130	92.8	76.9	115.3





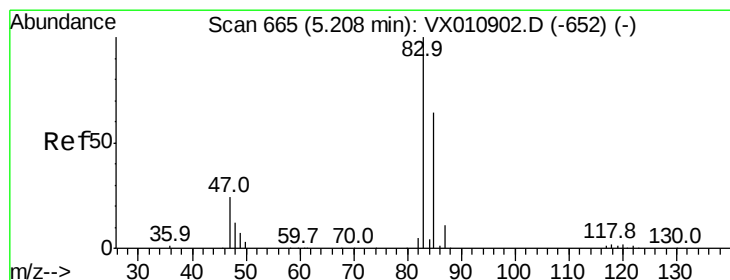
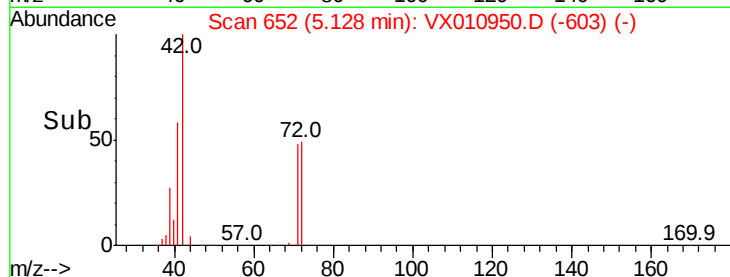
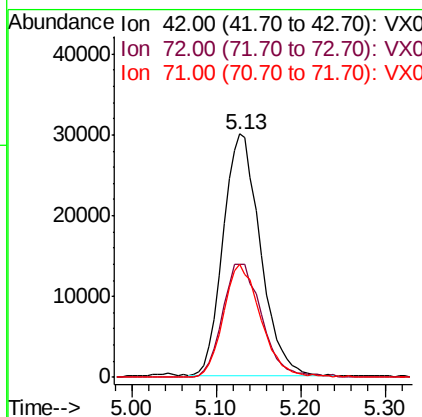
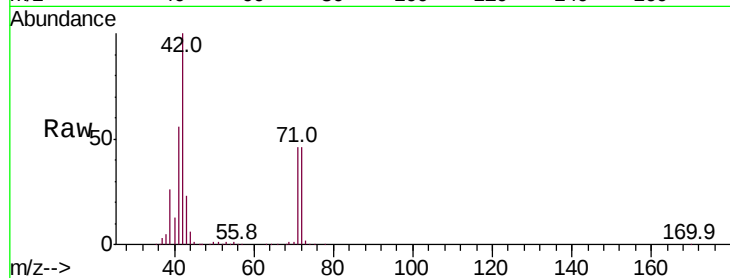
#29
Tetrahydrofuran
Concen: 97.551 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	39.8	59.8
71	46.8	37.0	55.4

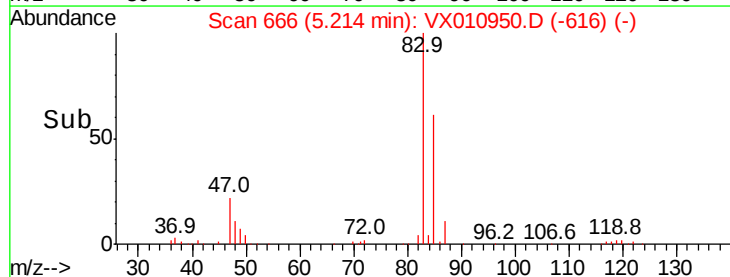
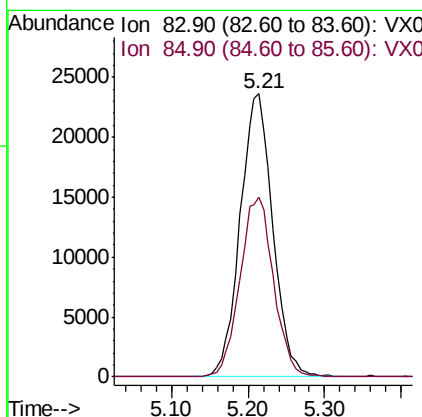
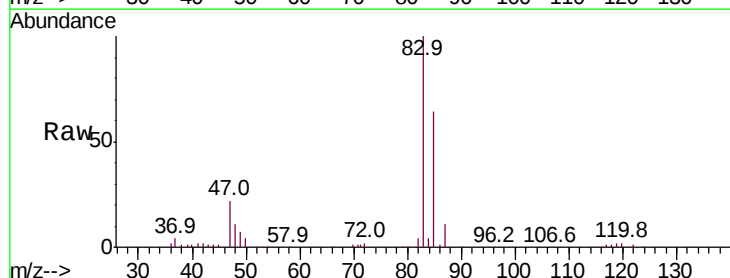
Manual Integrations
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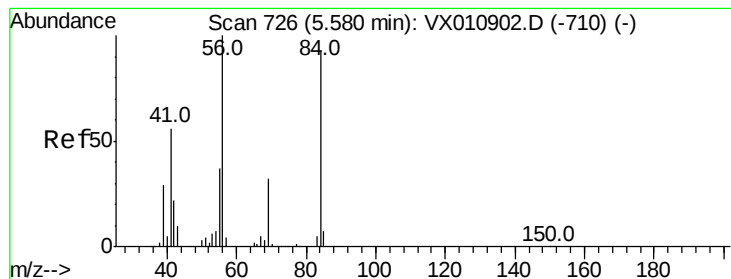
MMDadoda
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#30
Chloroform
Concen: 19.299 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.4	77.0





#31

Cyclohexane

Concen: 19.608 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion: 56 Resp: 59971

Ion Ratio Lower Upper

56 100

69 30.0 25.8 38.8

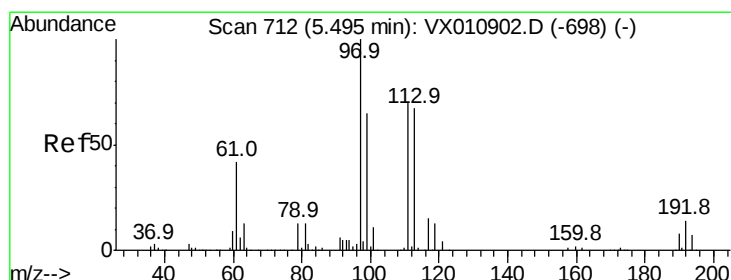
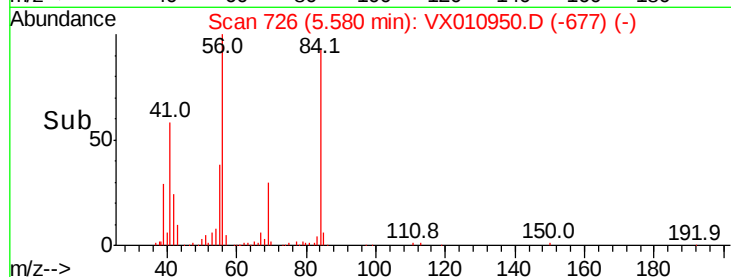
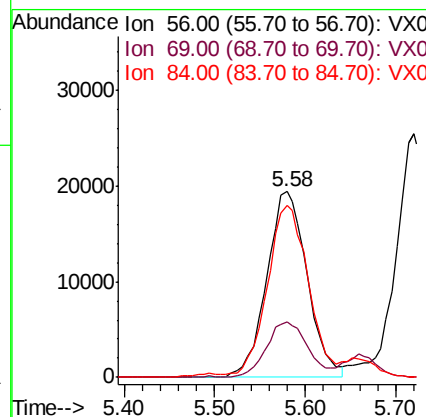
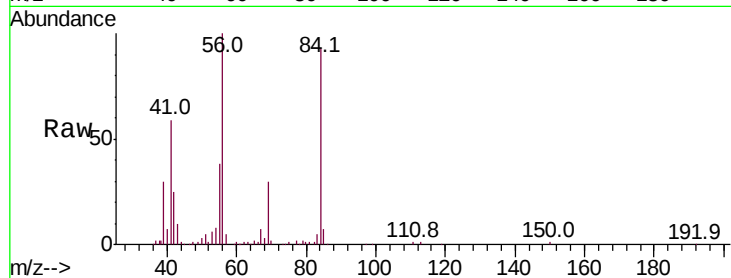
84 92.2 73.8 110.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.204 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

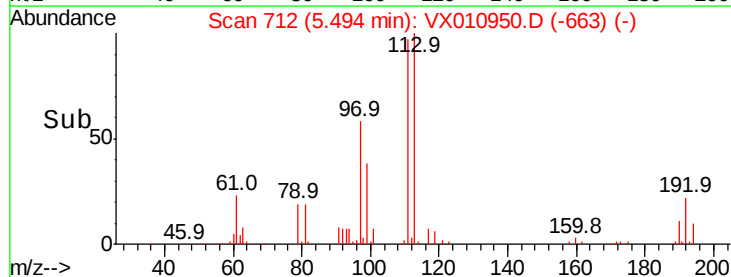
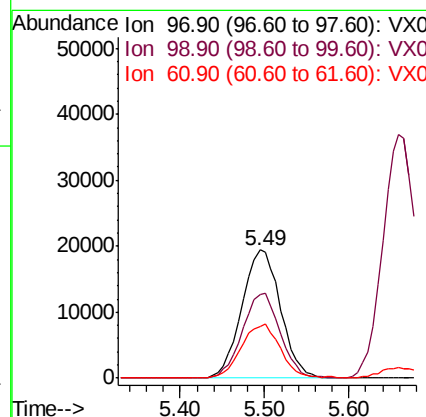
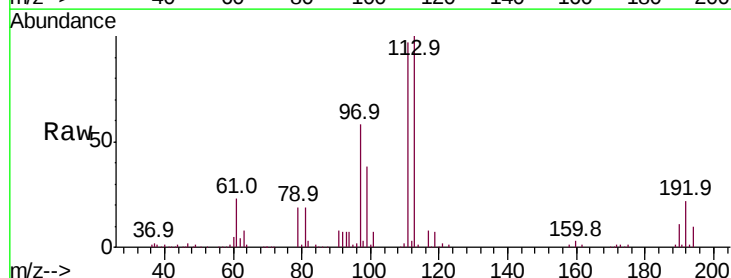
Tgt Ion: 97 Resp: 60258

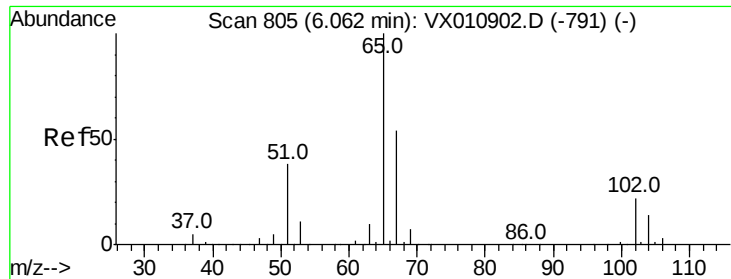
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 42.3 33.0 49.6





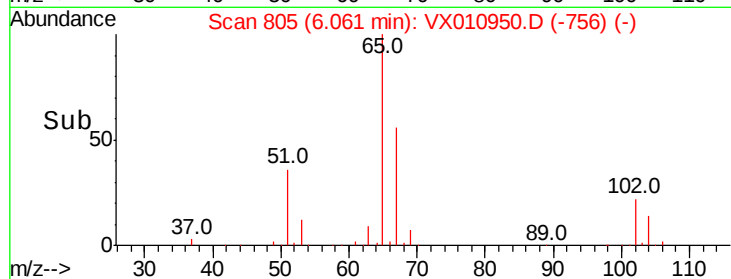
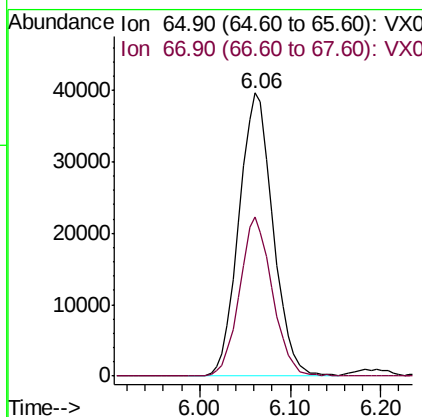
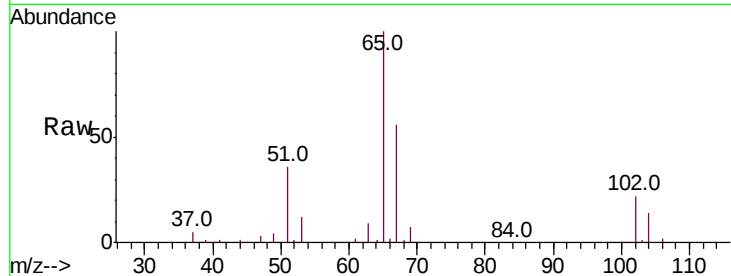
#33
 1,2-Dichloroethane-d4
 Concen: 45.846 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.8

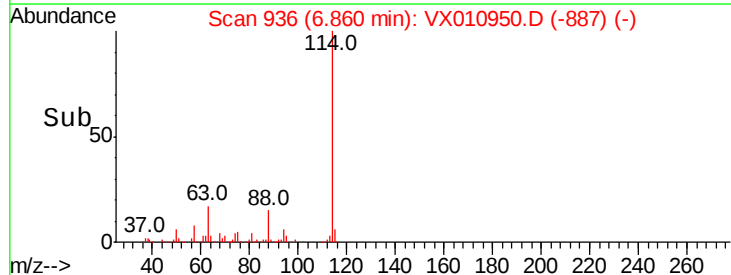
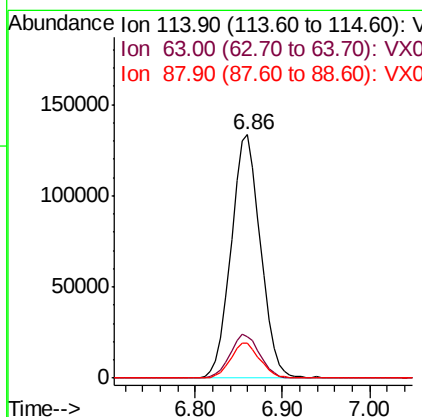
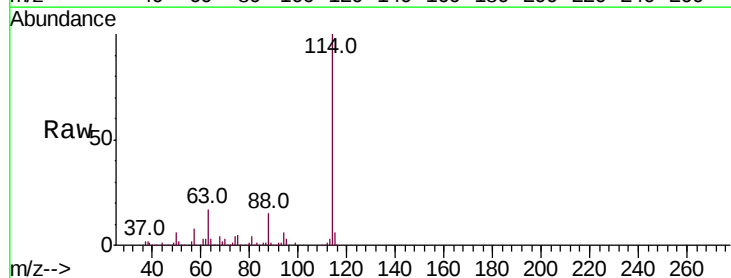
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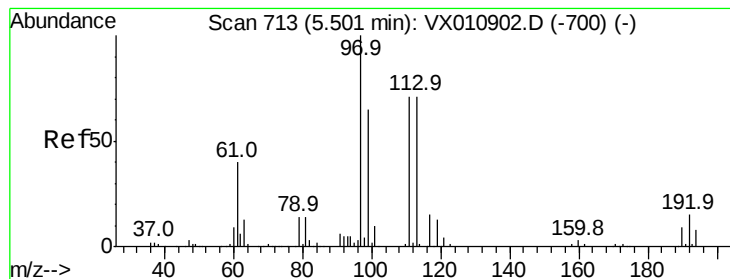
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.6
88	14.5	0.0	29.8





#35

Dibromofluoromethane

Concen: 47.185 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

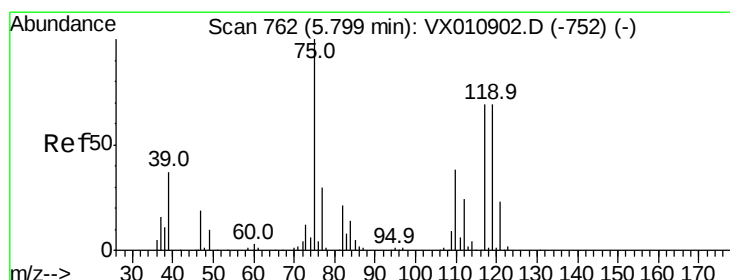
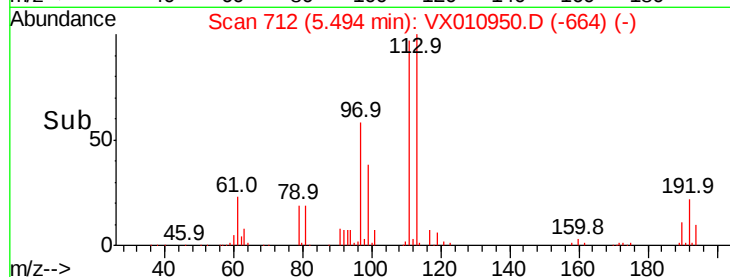
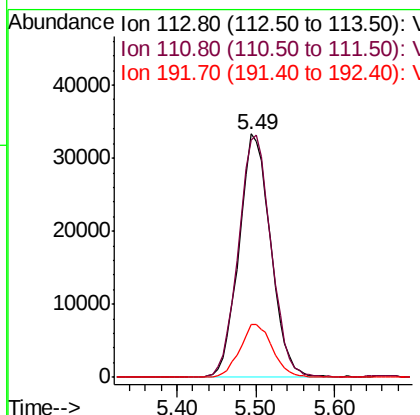
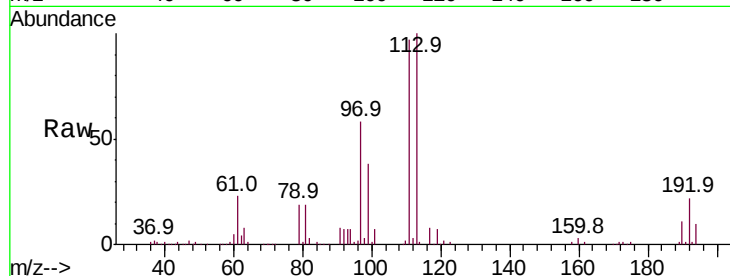
ClientSampleId :

VX0718WBS01

Tot Ion:	113	Resp:	93513
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.3	123.5
192	22.3	17.4	26.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.326 ug/l

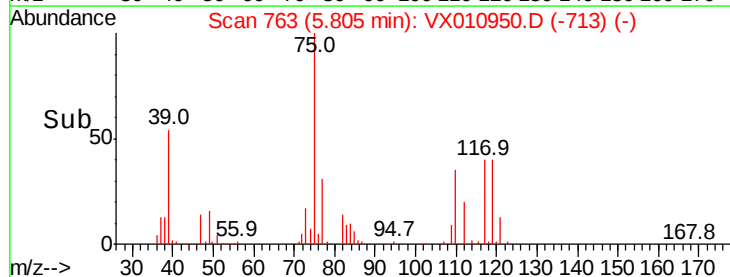
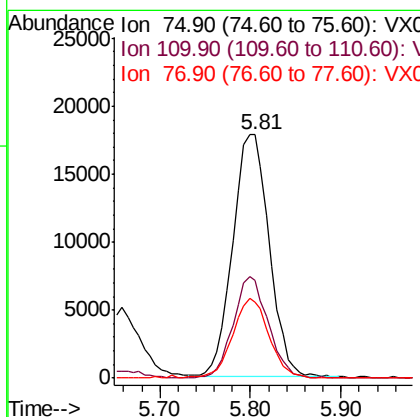
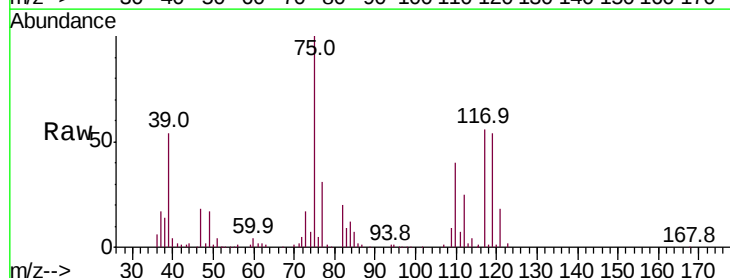
RT: 5.81 min Scan# 763

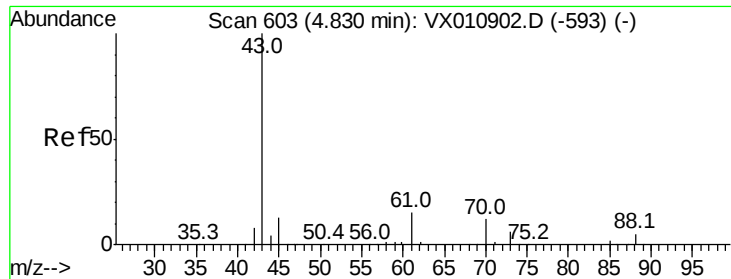
Delta R.T. 0.01 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Tgt Ion:	75	Resp:	49565
Ion Ratio	Lower	Upper	
75	100		
110	40.3	19.9	59.7
77	32.6	25.0	37.4





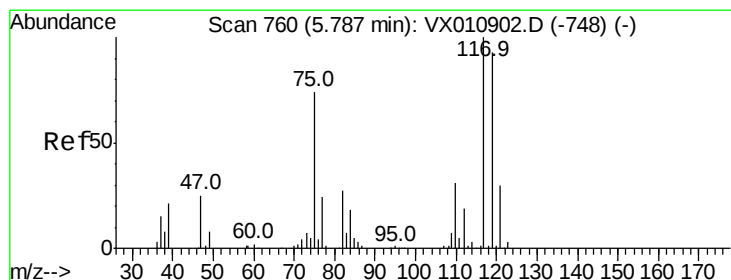
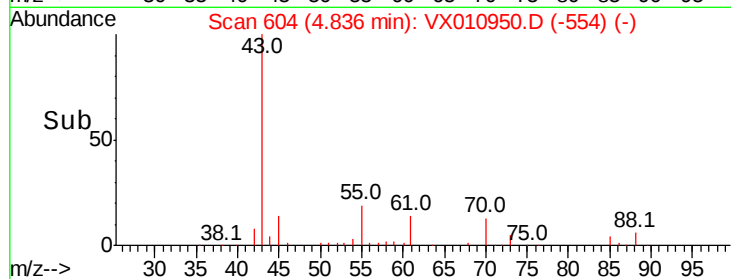
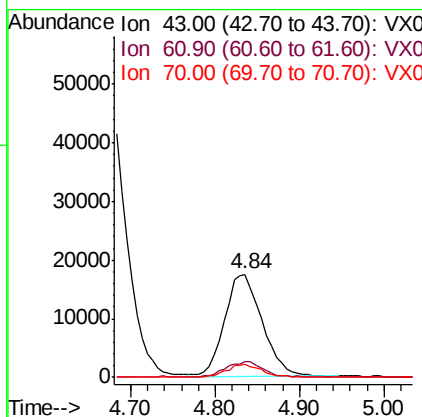
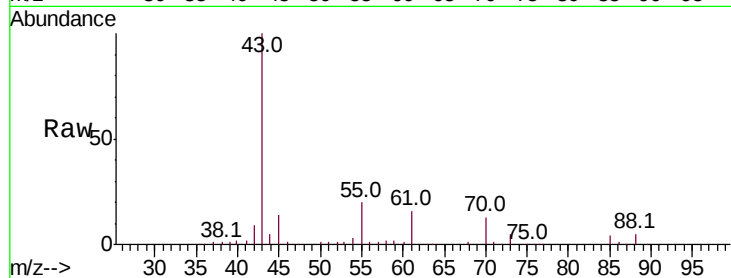
#37
Ethyl Acetate
Concen: 20.163 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleID :
VX0718WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.6	17.4
70	12.2	9.1	13.7

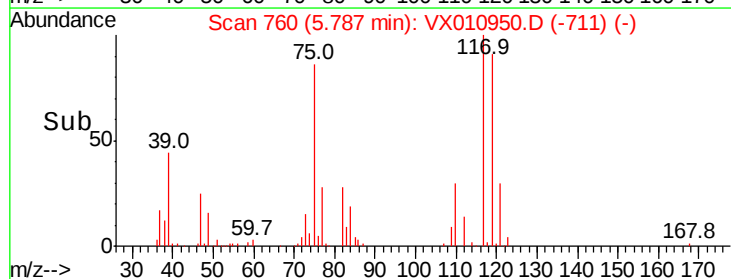
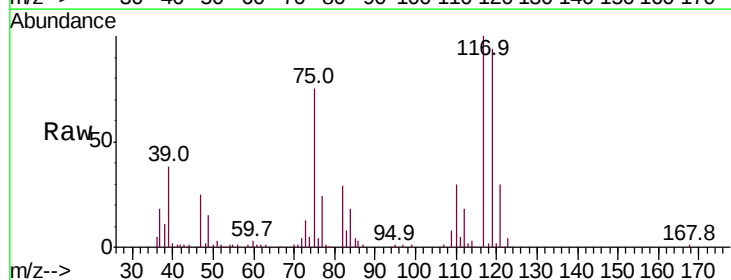
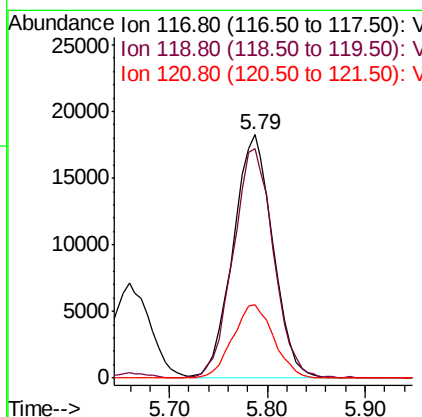
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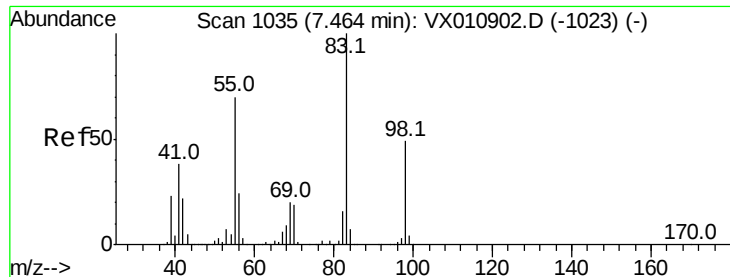
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#38
Carbon Tetrachloride
Concen: 19.372 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	74.2	111.2
121	30.0	24.2	36.2





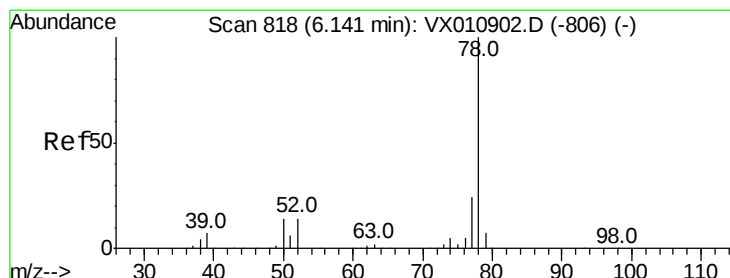
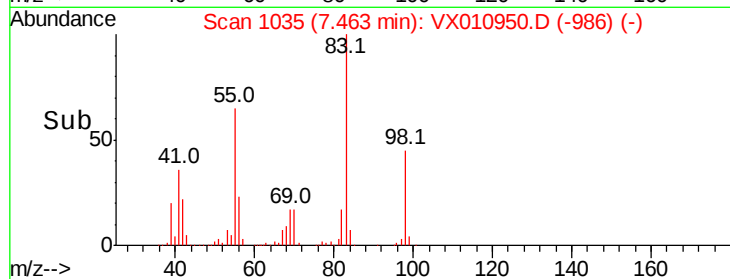
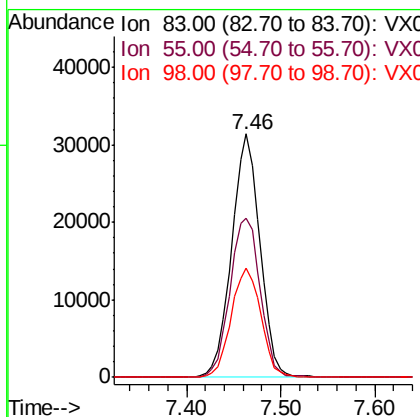
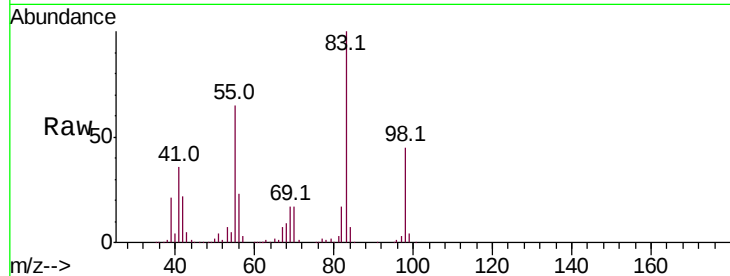
#39
Methvlcvclohexane
Concen: 19.724 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.3	56.2	84.4
98	44.7	39.0	58.4

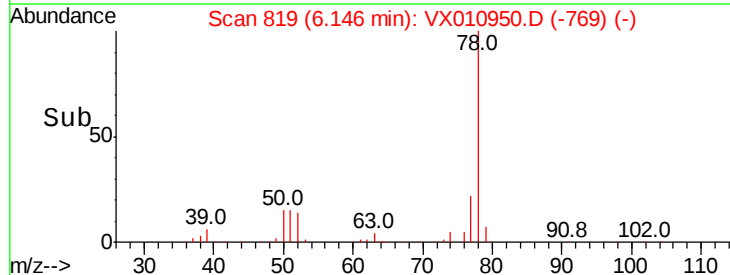
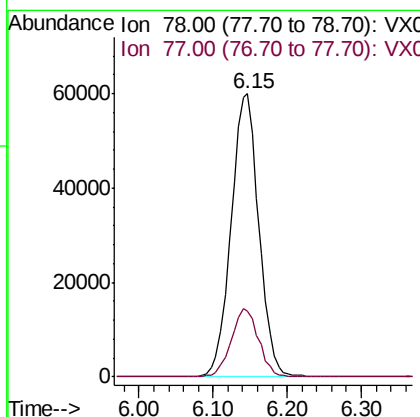
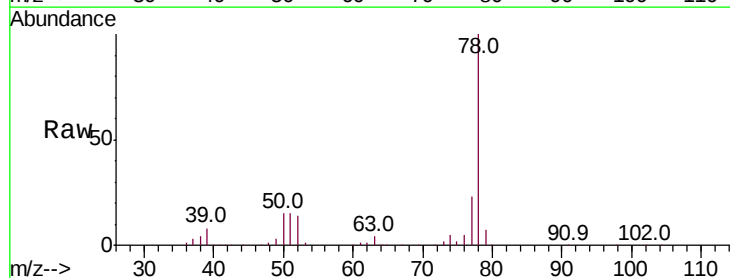
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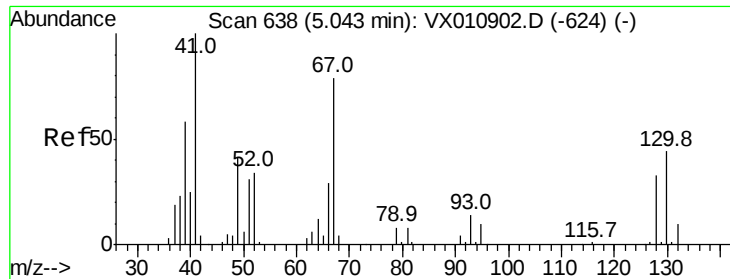
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#40
Benzene
Concen: 19.890 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6





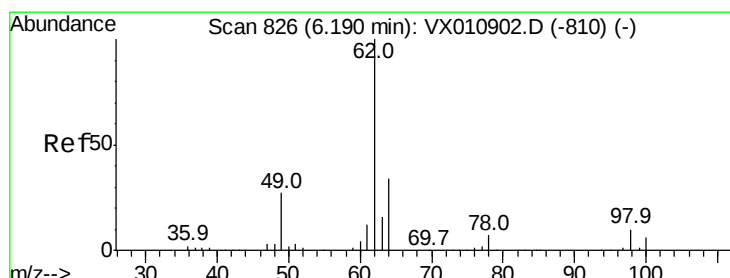
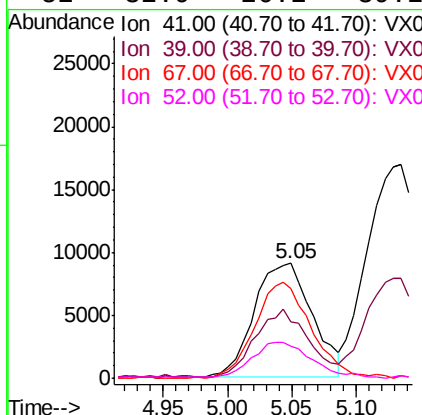
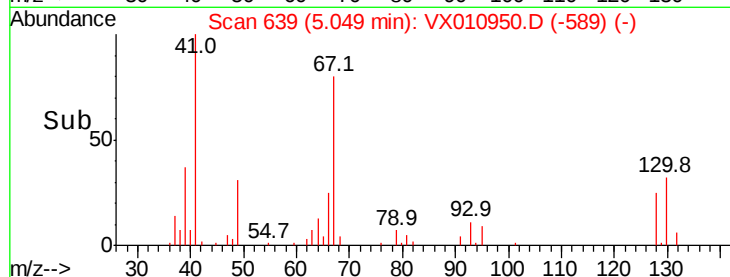
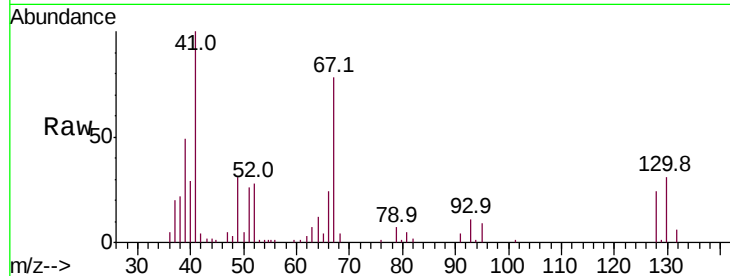
#41
Methacrylonitrile
Concen: 19.003 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.5	45.4	68.2
67	81.9	65.9	98.9
52	32.9	26.2	39.2

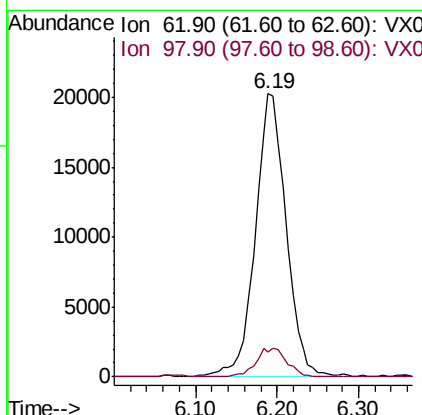
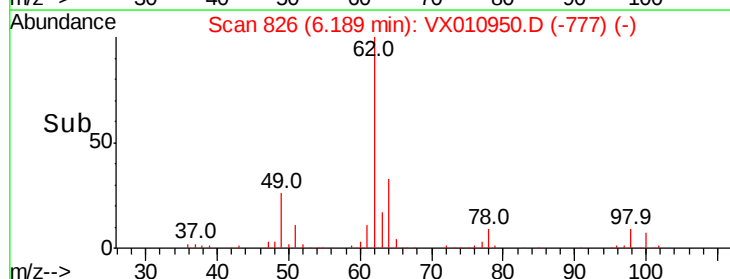
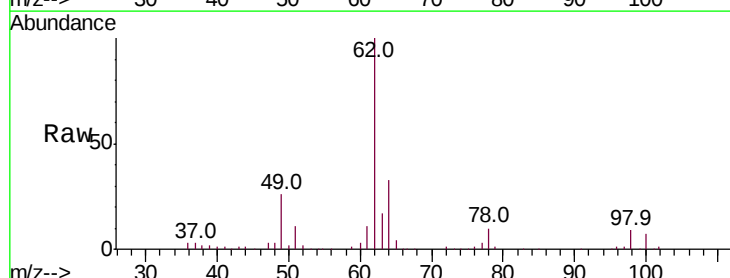
Manual Integrations
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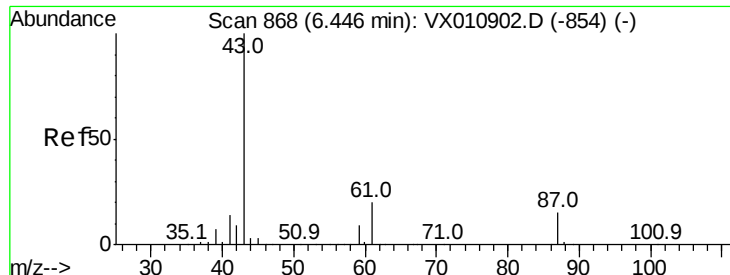
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.590 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0





#43

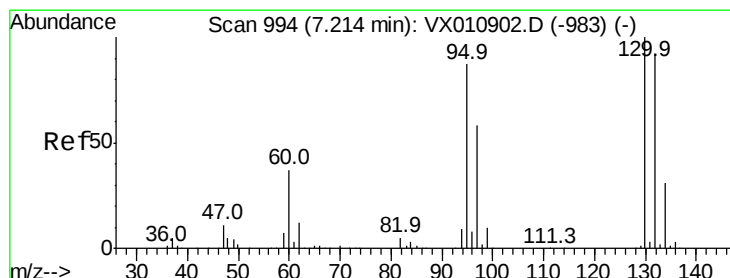
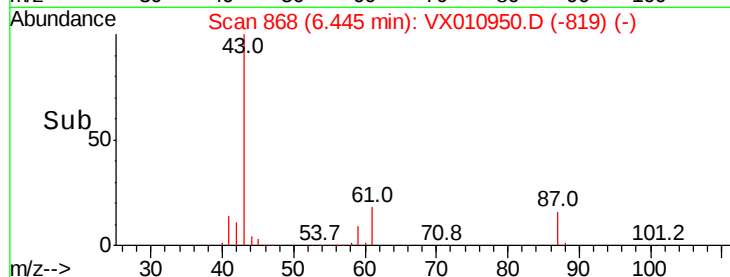
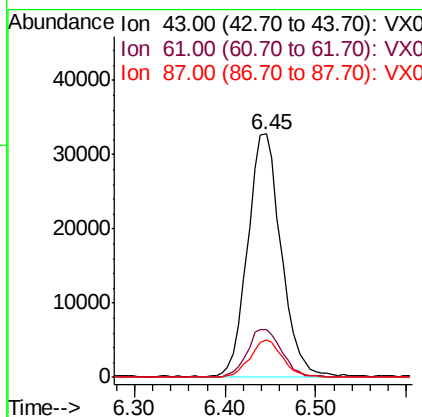
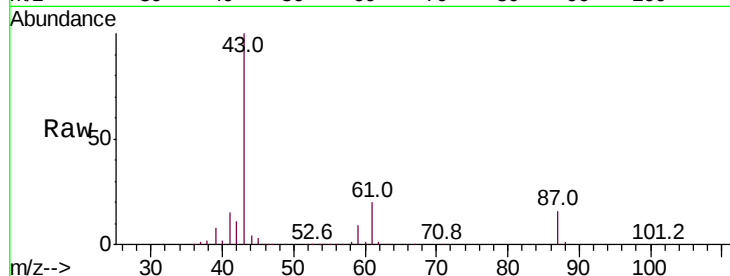
Isopropyl Acetate
 Concen: 19.310 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0718WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	17.1	25.7
87	15.1	12.0	18.0

Manual Integrations
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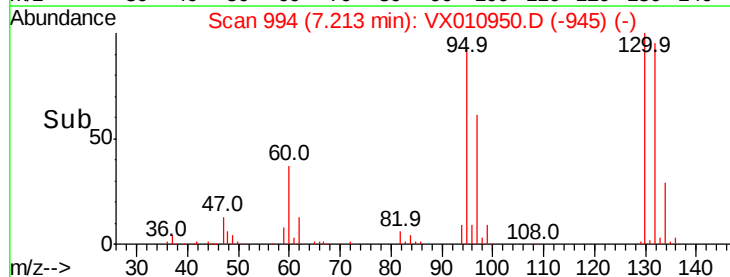
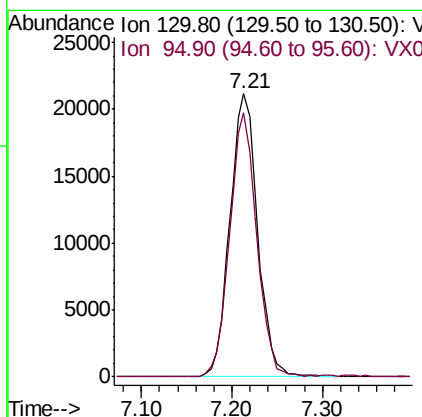
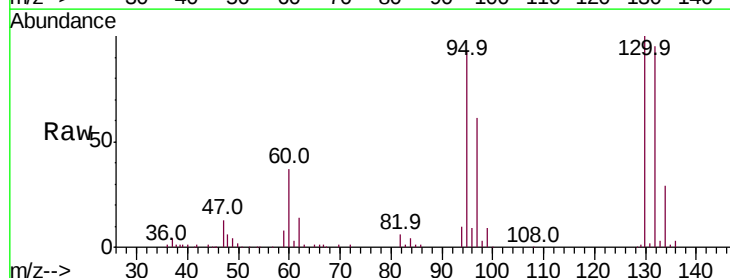
MMDadoda
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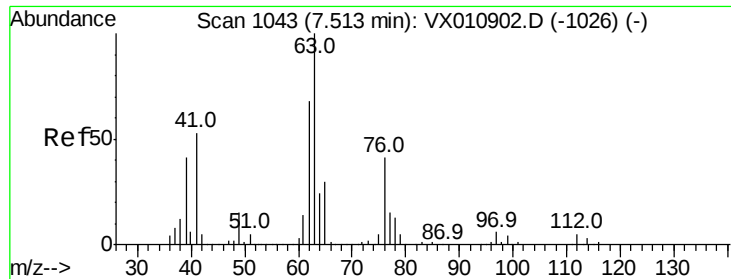


#44

Trichloroethene
 Concen: 19.268 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	174.8





#45

1,2-Dichloropropane

Concen: 19.521 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion: 63 Resp: 39034

Ion Ratio Lower Upper

63 100

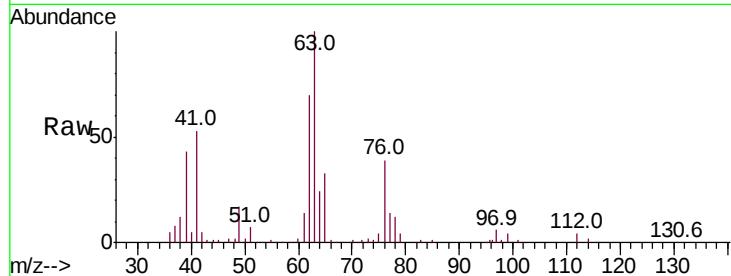
65 33.1 24.4 36.6

Manual Integrations

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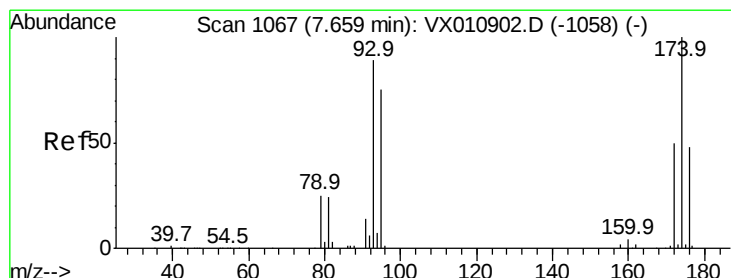
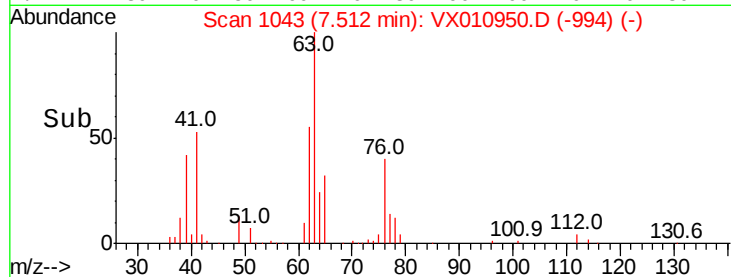
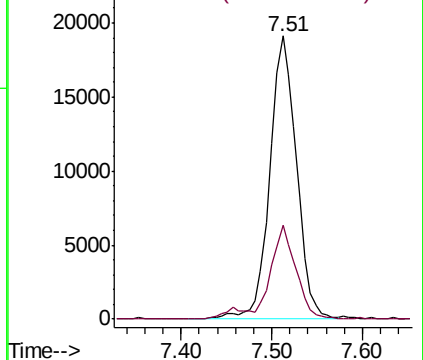
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.129 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

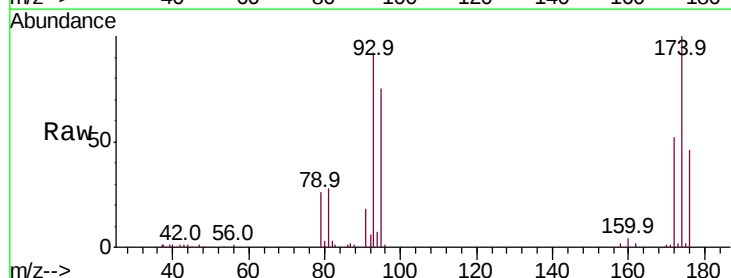
Tgt Ion: 93 Resp: 28761

Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

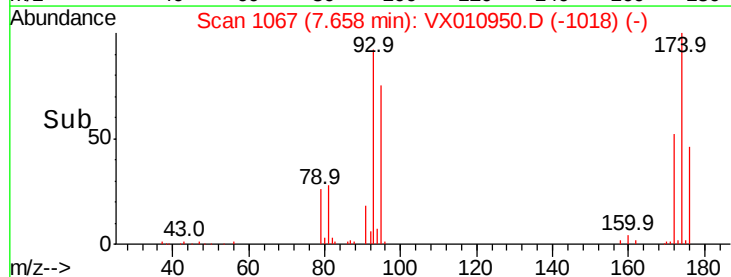
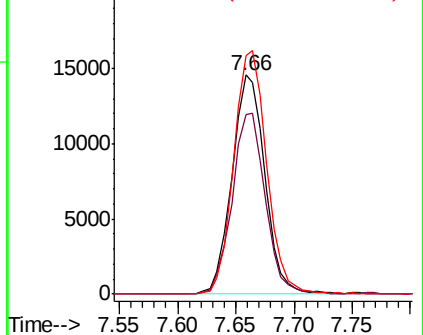
174 111.3 90.6 135.8

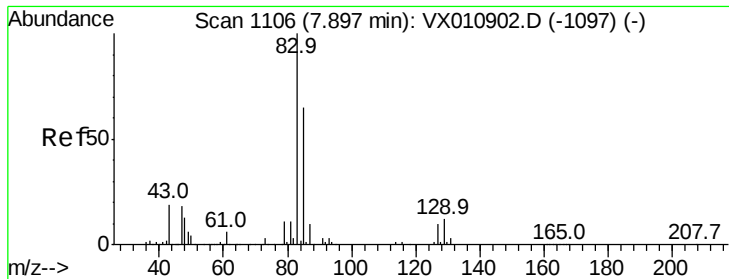


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.182 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

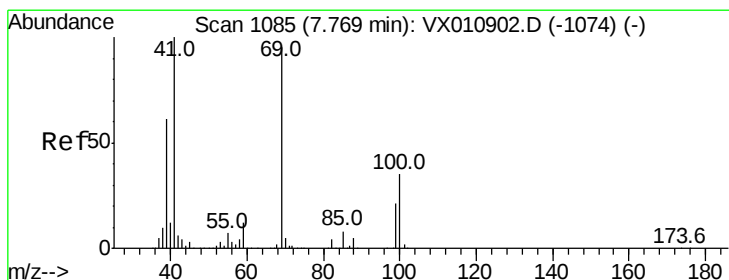
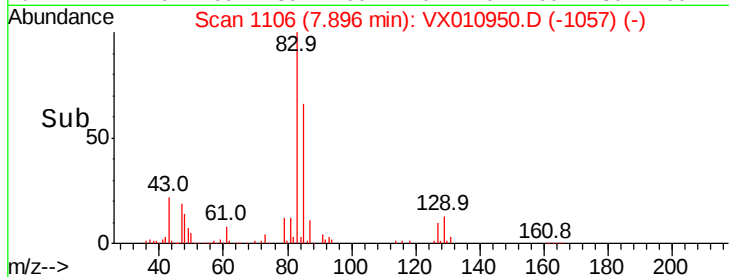
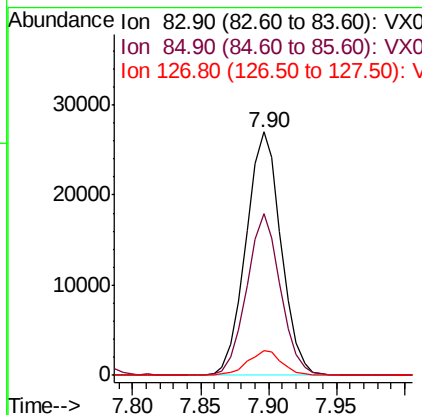
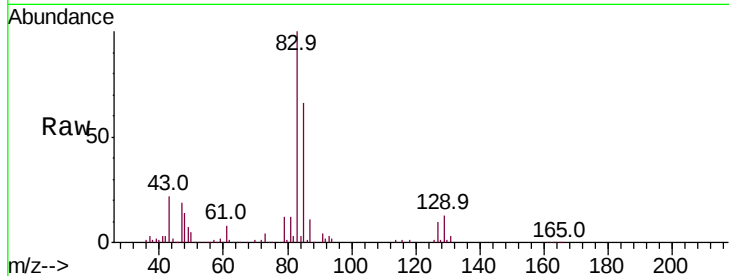
ClientSampleId :

VX0718WBS01

Tot Ion:	83	Resp:	48789
Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.5	78.7
127	10.0	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.456 ug/l

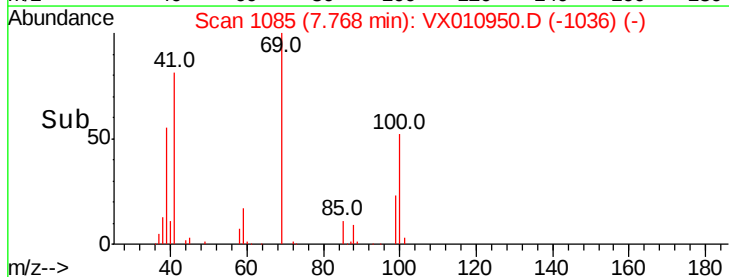
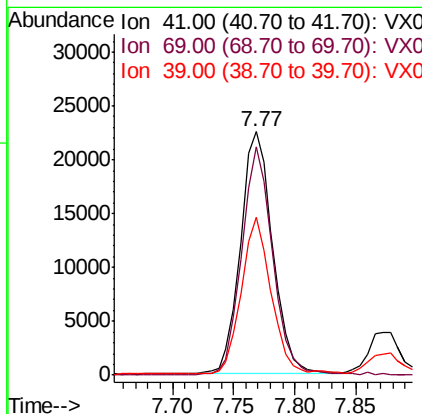
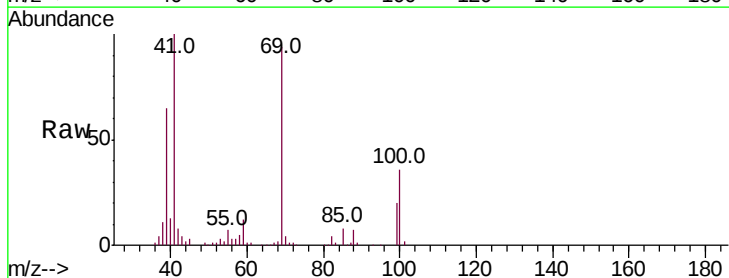
RT: 7.77 min Scan# 1085

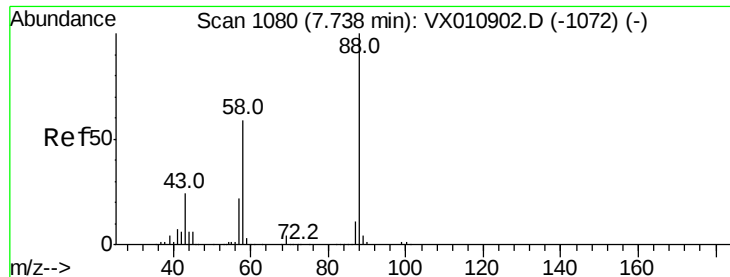
Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Tgt Ion:	41	Resp:	40928
Ion	Ratio	Lower	Upper
41	100		
69	91.3	74.4	111.6
39	60.4	48.9	73.3





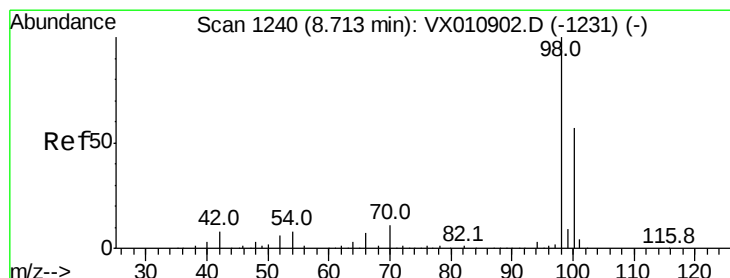
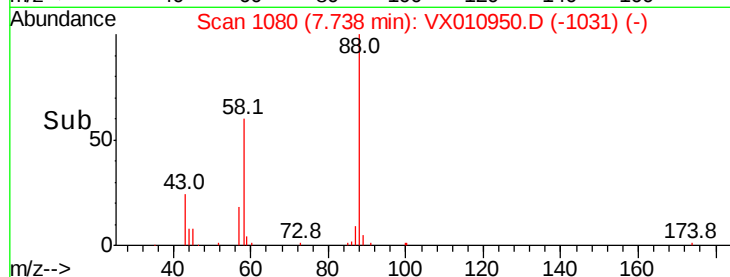
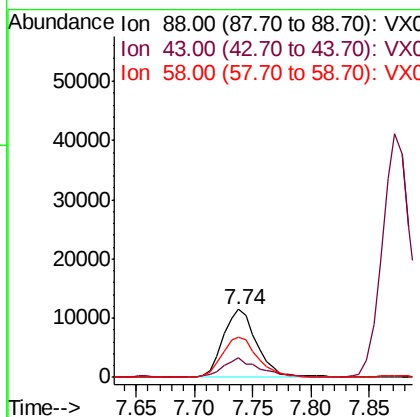
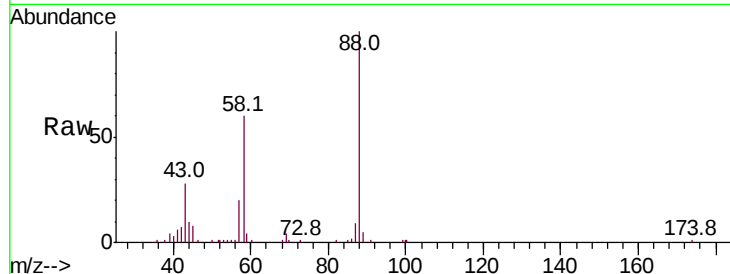
#49
1,4-Dioxane
Concen: 390.489 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampled :
VX0718WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	22.9	34.3
58	63.6	49.8	74.8

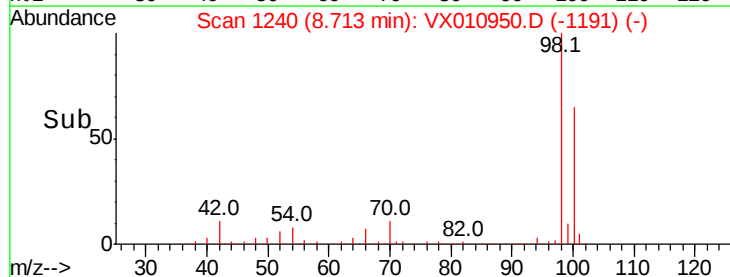
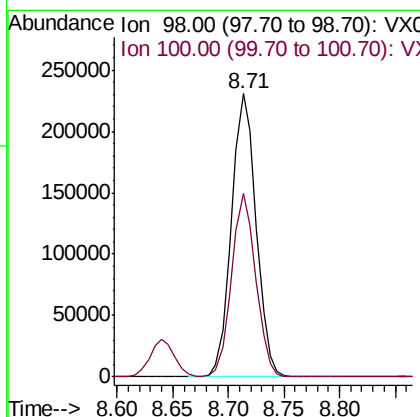
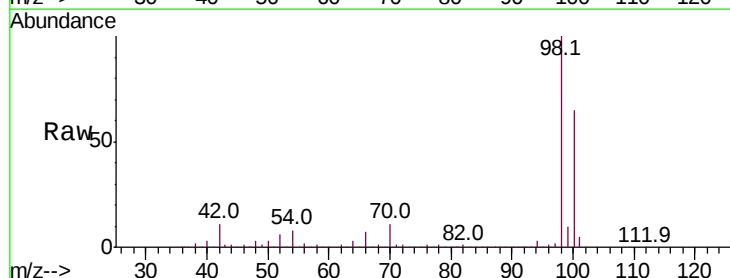
Manual Integrations
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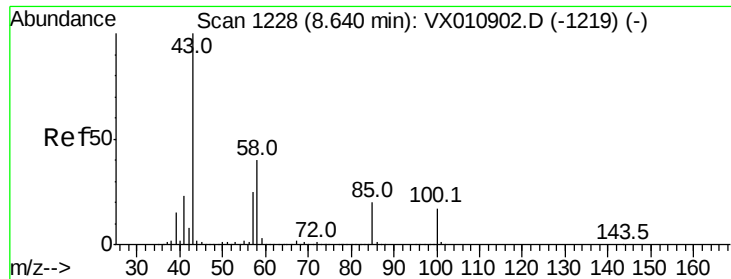
MMDadoda
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#50
Toluene-d8
Concen: 47.523 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 100.426 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion: 43 Resp: 281121

Ion Ratio Lower Upper

43 100

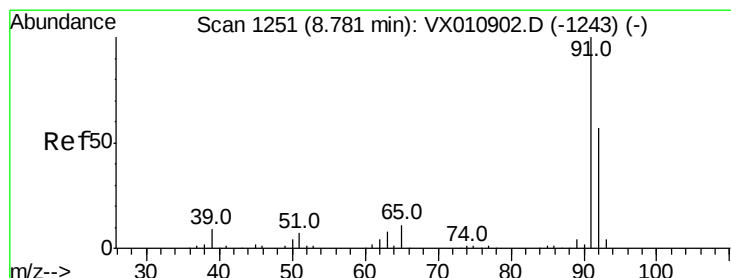
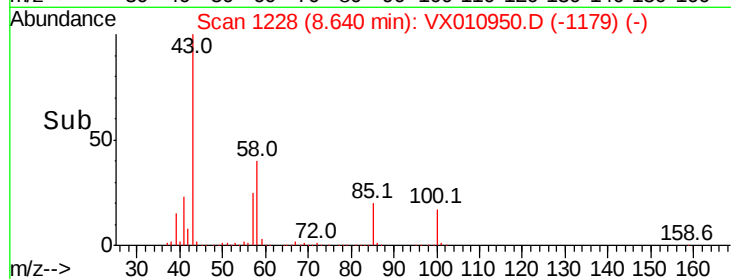
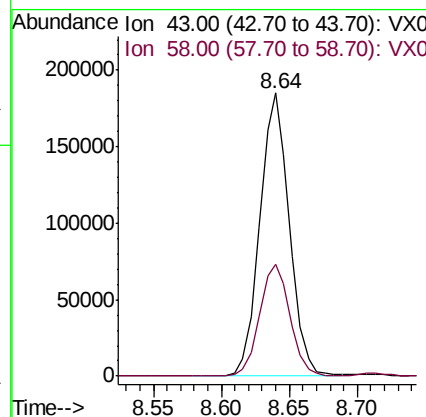
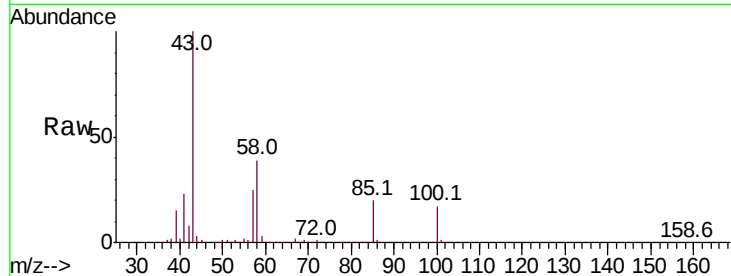
58 40.7 32.2 48.4

Manual Integrations

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#52

Toluene

Concen: 19.619 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010950.D

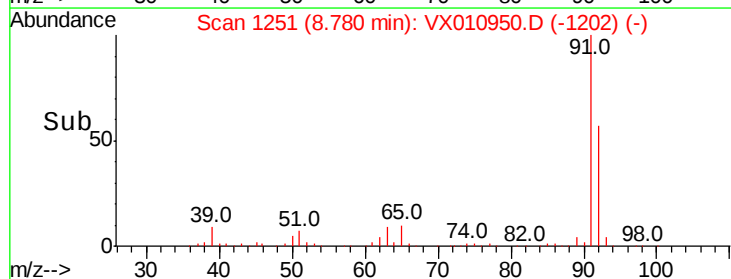
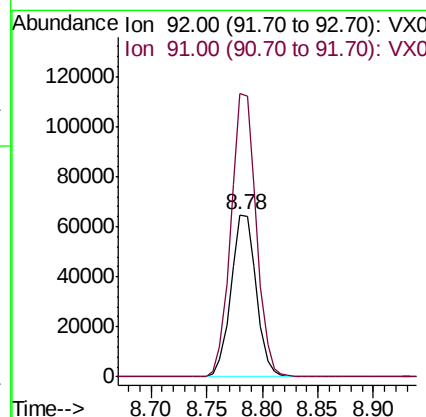
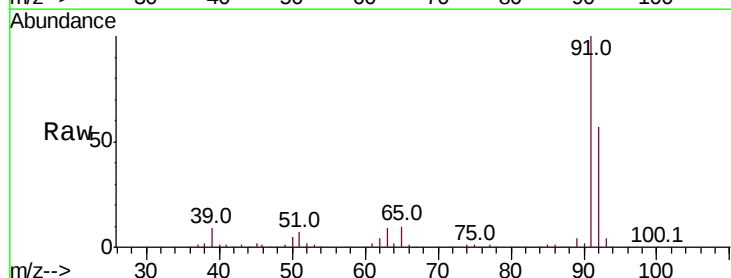
Acq: 18 Jul 2019 11:52

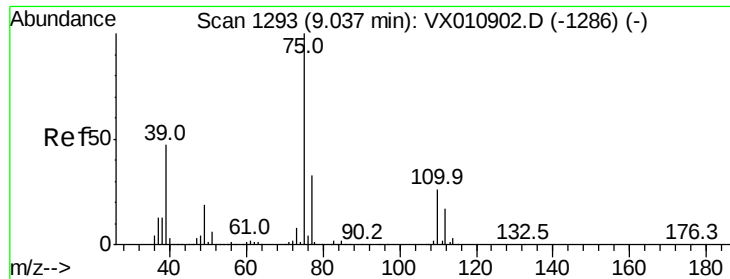
Tgt Ion: 92 Resp: 101252

Ion Ratio Lower Upper

92 100

91 175.8 139.4 209.0





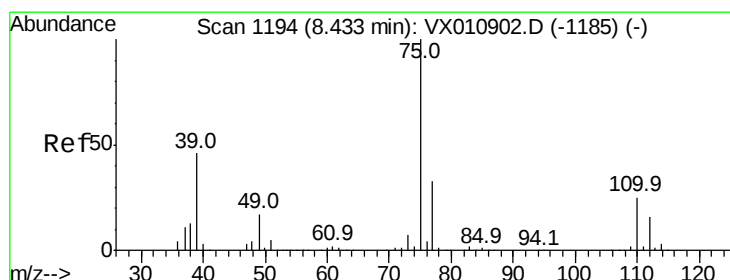
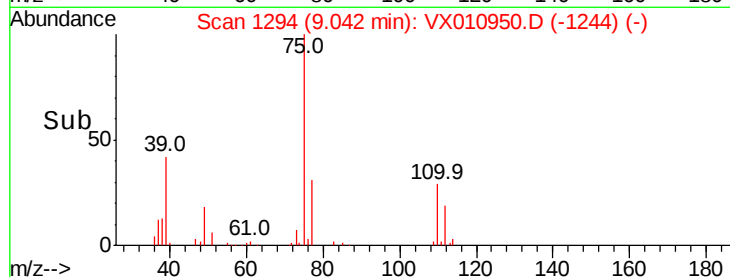
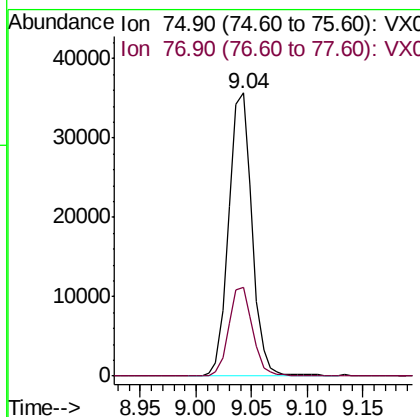
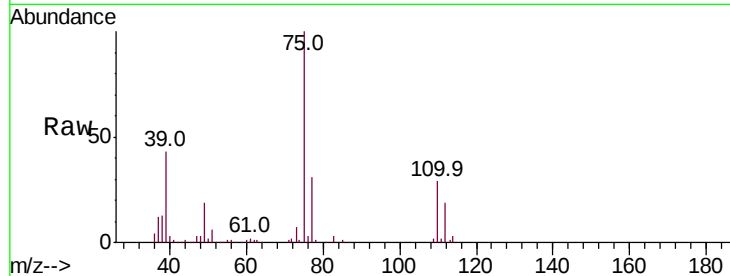
#53
t-1,3-Dichloropropene
Concen: 18.955 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion: 75 Resp: 51838
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2

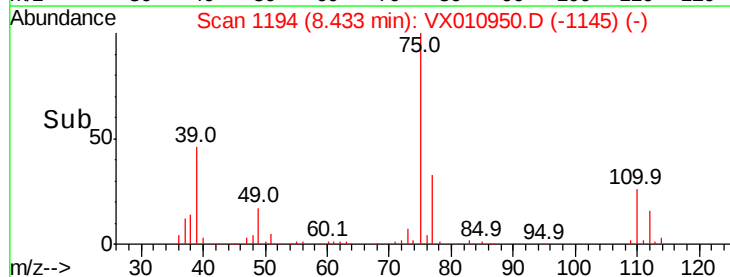
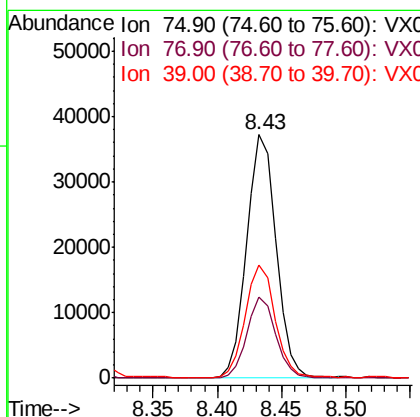
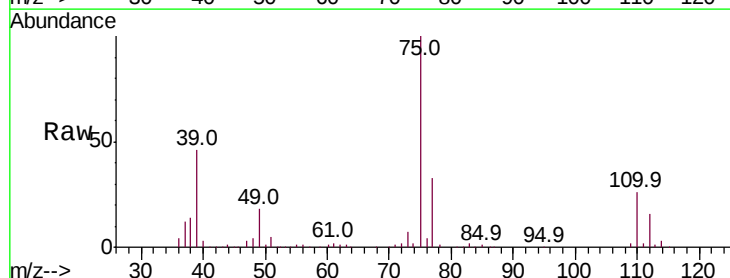
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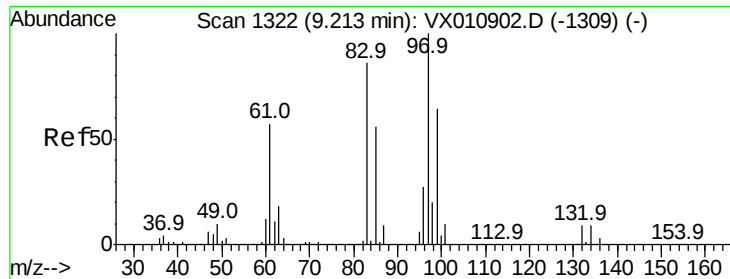
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#54
cis-1,3-Dichloropropene
Concen: 19.377 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 75 Resp: 58968
Ion Ratio Lower Upper
75 100
77 33.4 26.1 39.1
39 46.0 36.6 54.8





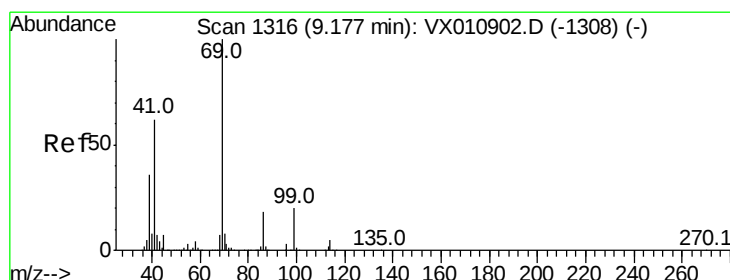
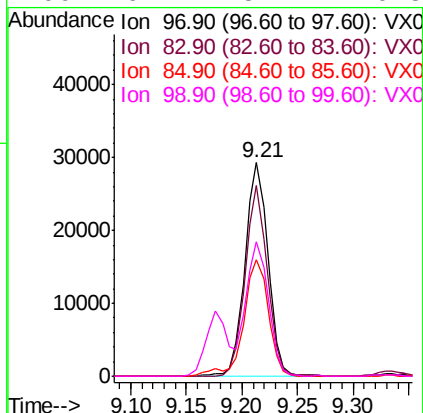
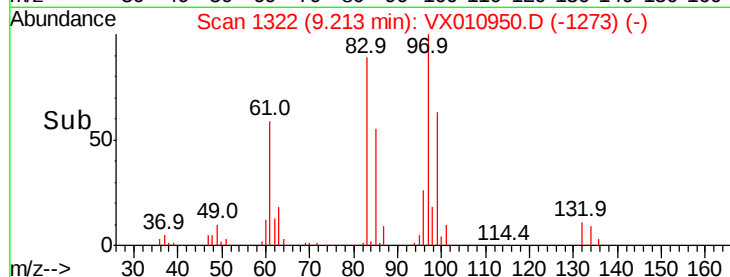
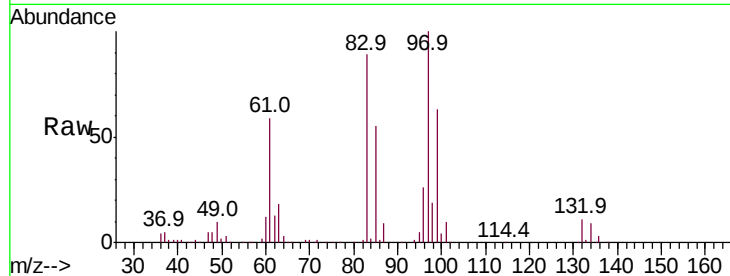
#55
1,1,2-Trichloroethane
Concen: 19.849 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.2	103.8
85	54.5	44.6	66.8
99	62.4	51.2	76.8

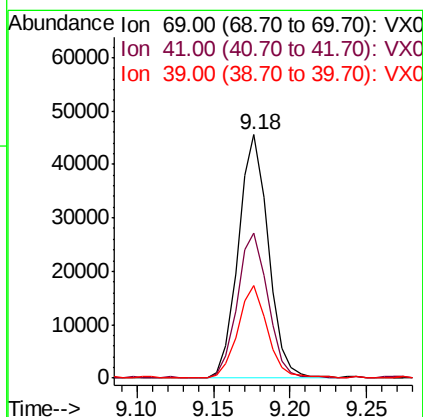
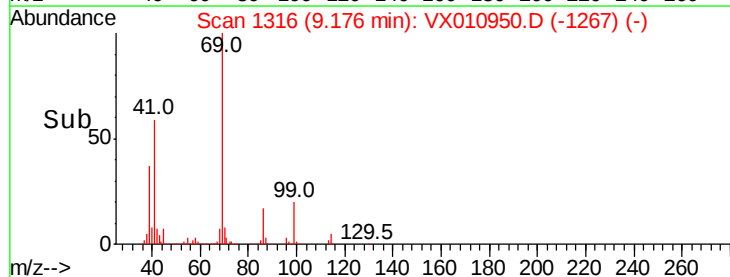
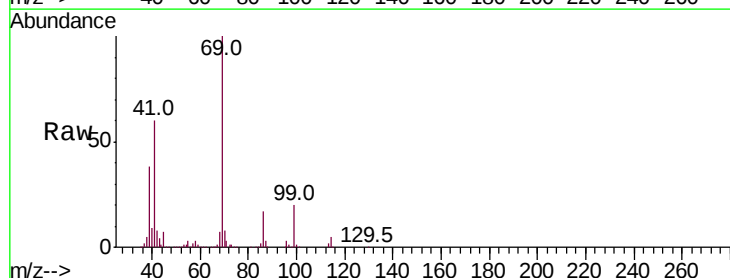
Manual Integrations
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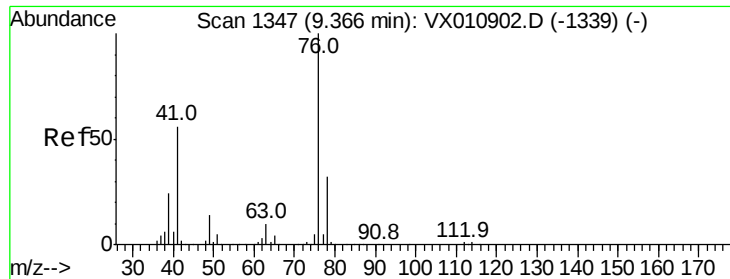
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#56
Ethyl methacrylate
Concen: 19.896 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.4	49.7	74.5
39	36.6	29.6	44.4





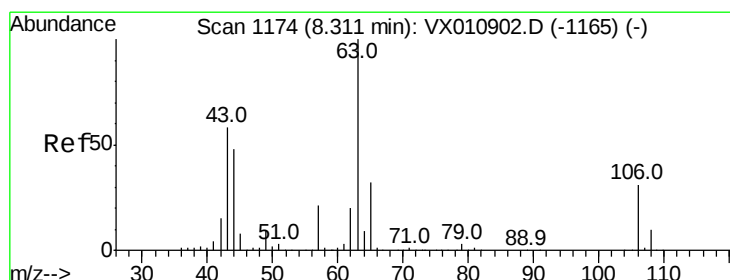
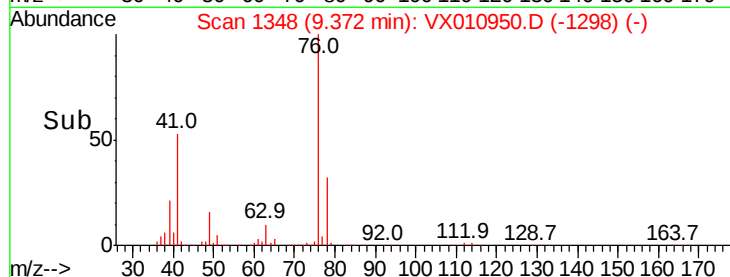
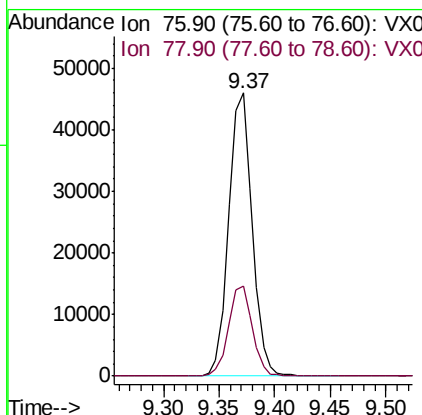
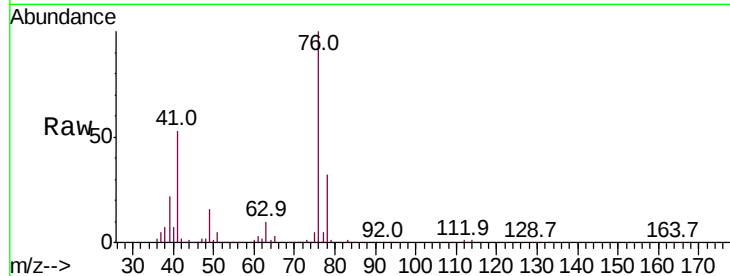
#57
 1,3-Dichloropropane
 Concen: 19.910 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0718WBS01

Tot Ion: 76 Resp: 67117
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4

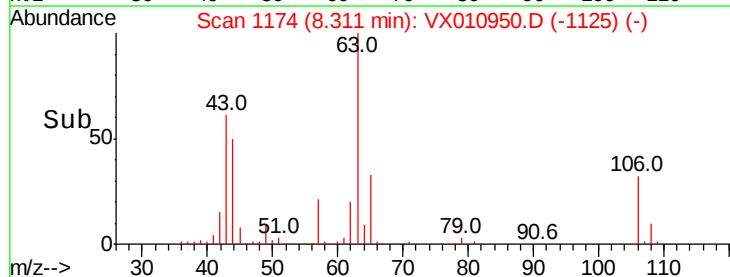
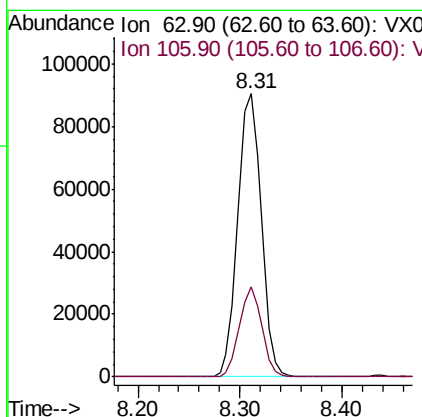
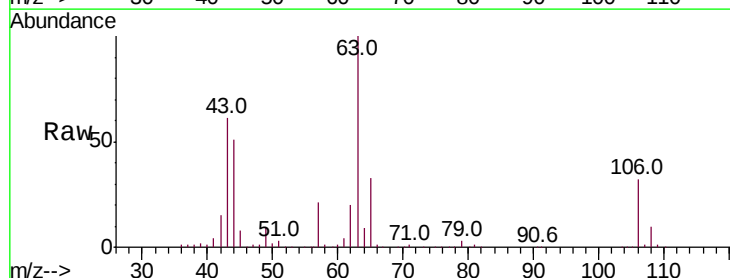
Manual Integrations
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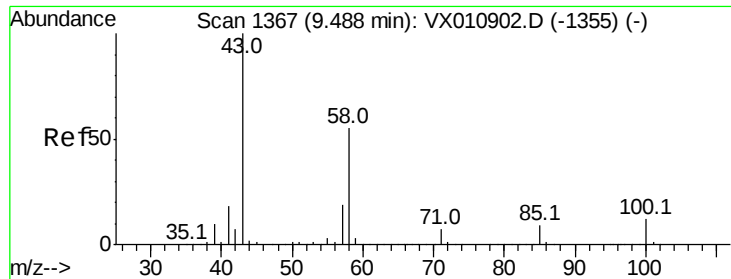
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 7/22/2019 12:03:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.285 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion: 63 Resp: 144355
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.0 36.0





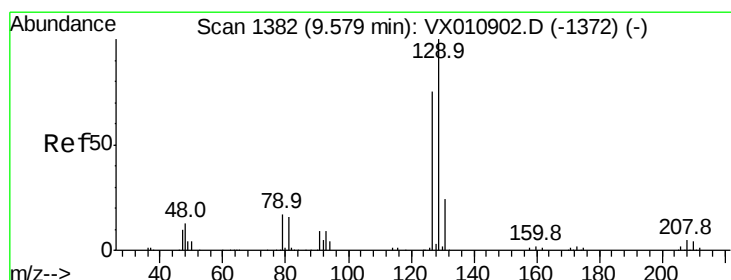
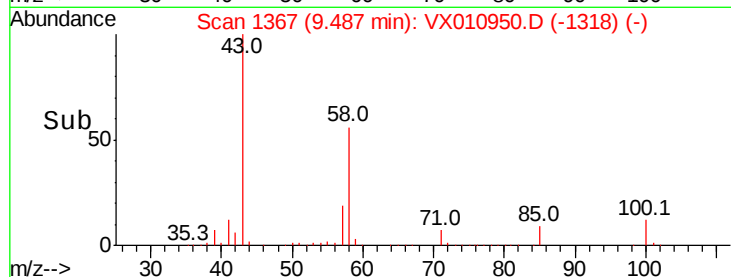
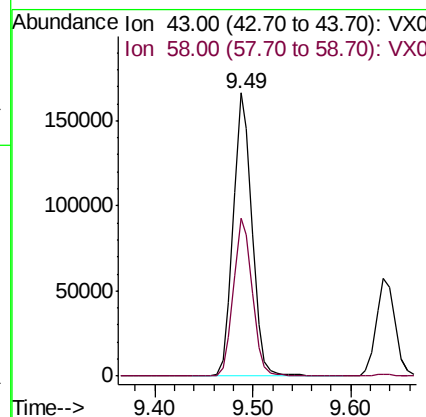
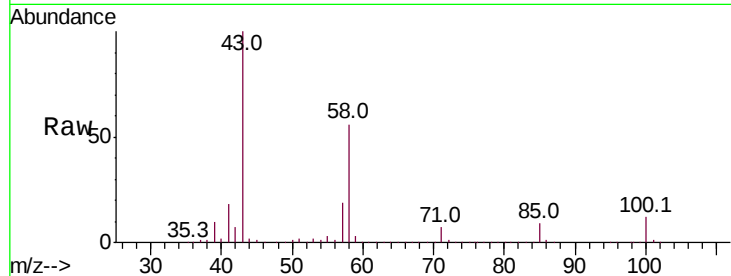
#59
2-Hexanone
Concen: 101.579 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion: 43 Resp: 220546
Ion Ratio Lower Upper
43 100
58 56.3 28.0 83.9

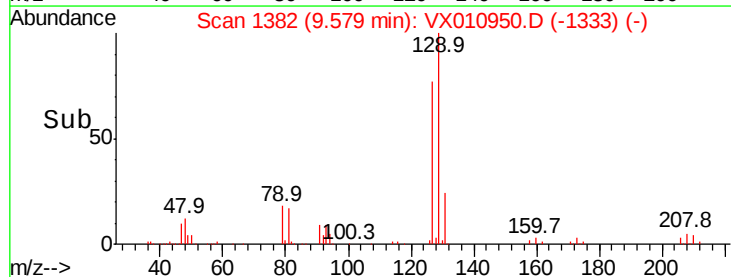
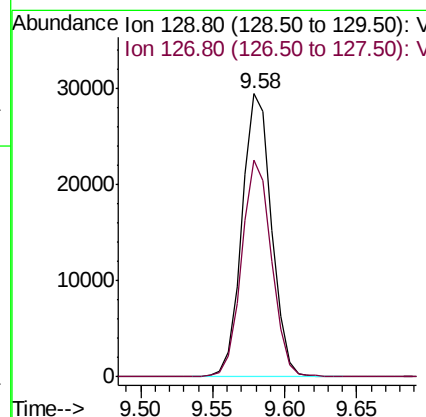
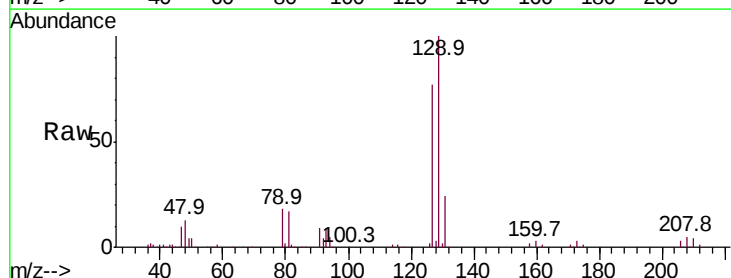
Manual Integrations
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7/22/2019 12:03:25 PM



#60
Dibromochloromethane
Concen: 18.792 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion:129 Resp: 41894
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.913 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion:107 Resp: 44908

Ion Ratio Lower Upper

107 100

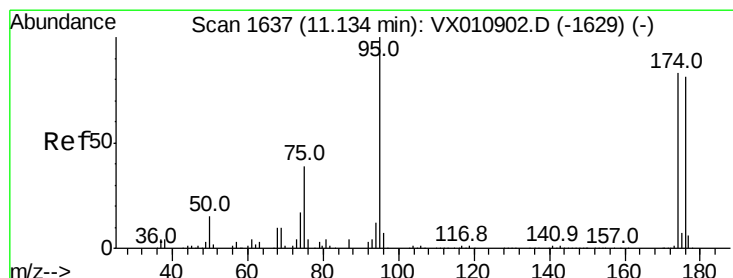
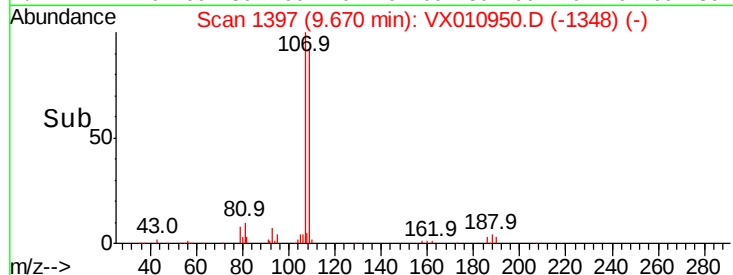
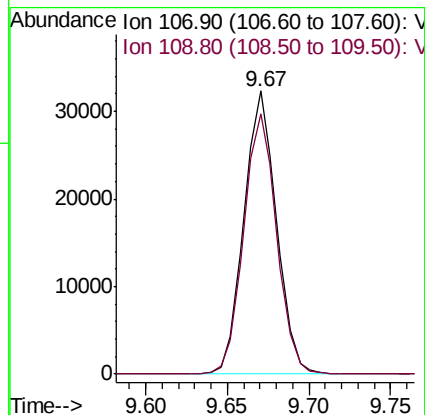
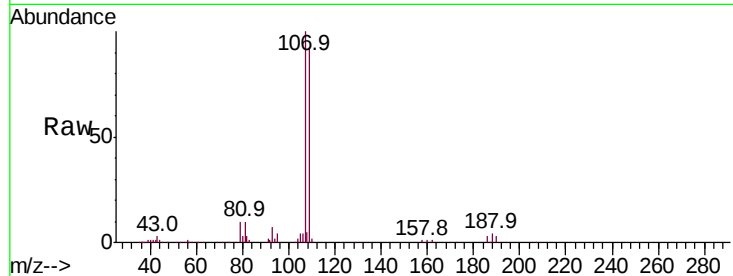
109 93.5 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.412 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

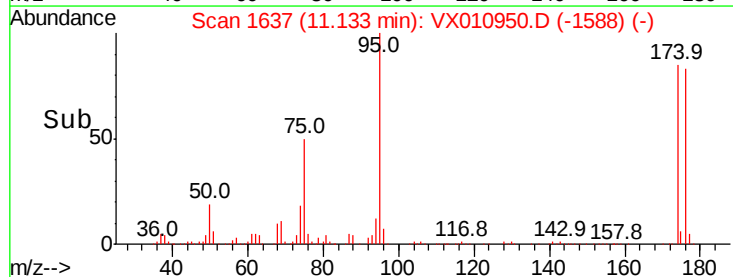
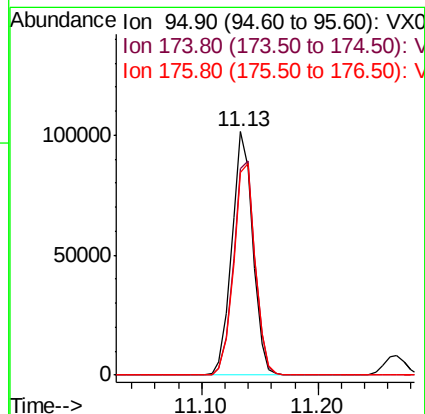
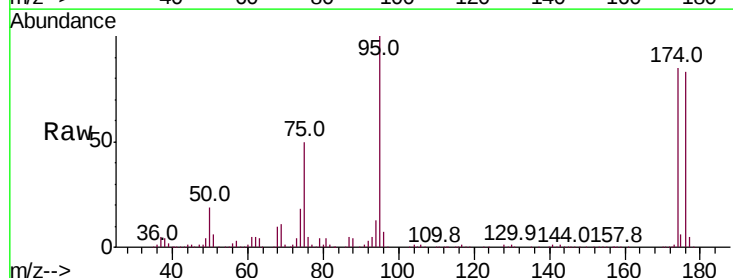
Tgt Ion: 95 Resp: 126805

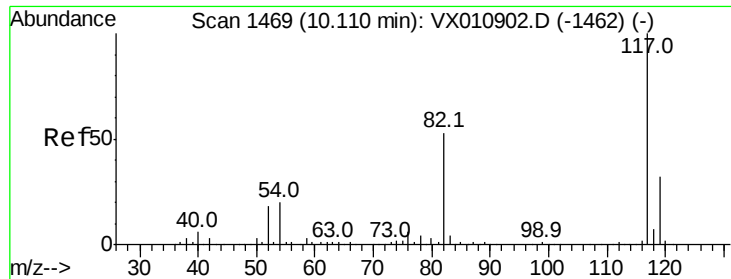
Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.6

176 89.5 0.0 173.8





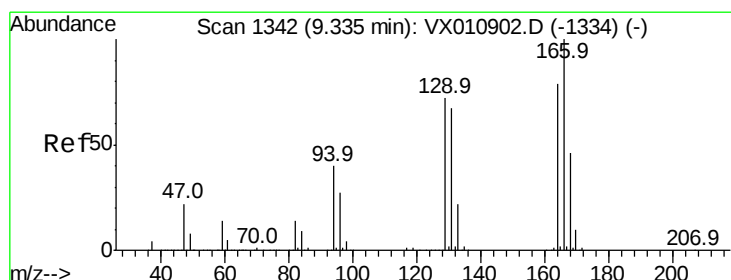
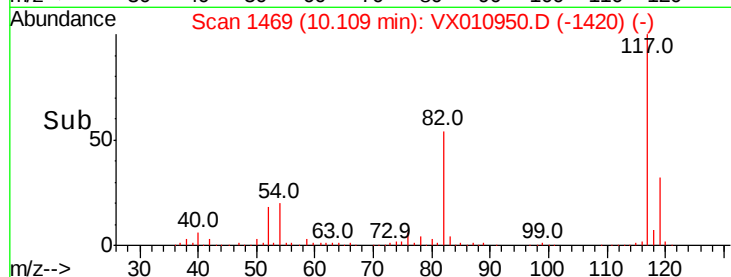
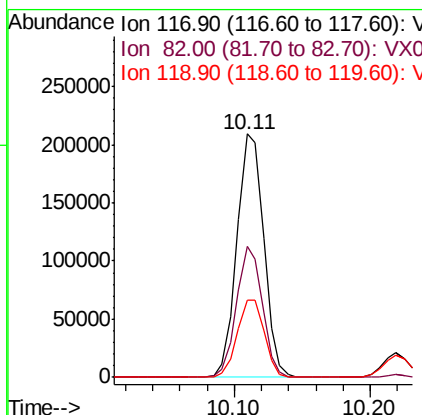
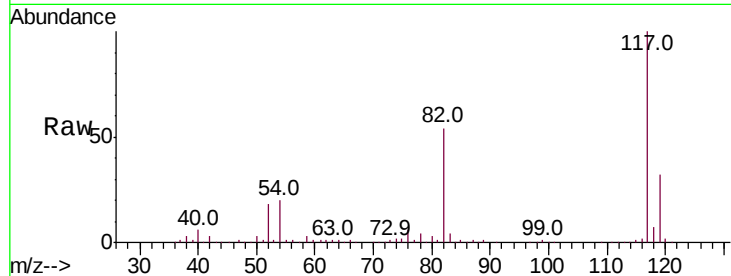
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampled :
VX0718WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.6	63.8
119	31.6	25.9	38.9

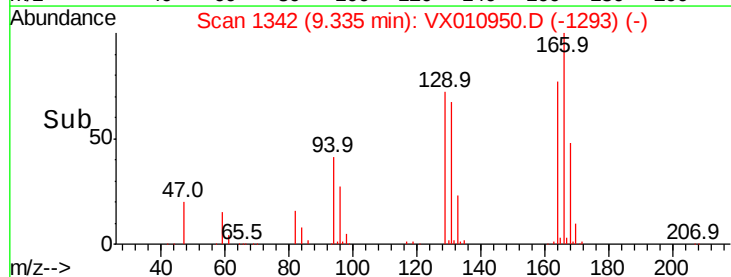
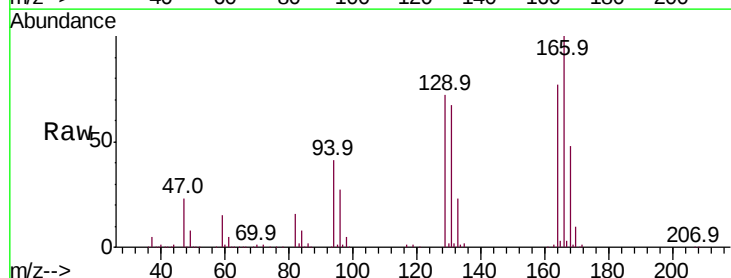
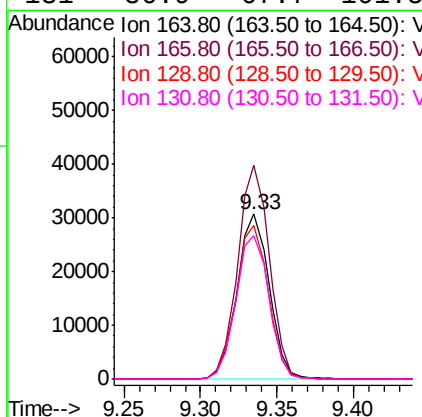
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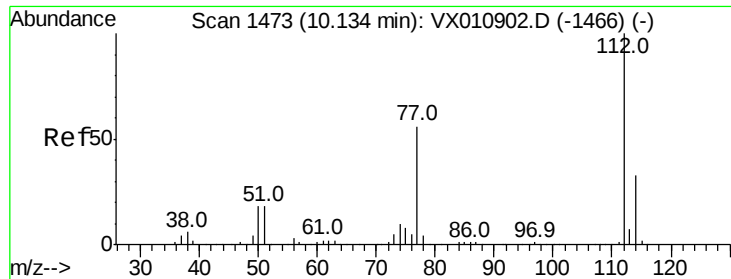
MMDadoda
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#64
Tetrachloroethene
Concen: 19.701 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	100.8	151.2
129	93.5	72.6	109.0
131	86.9	67.7	101.5





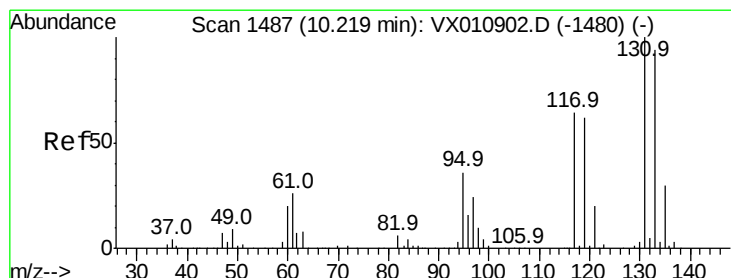
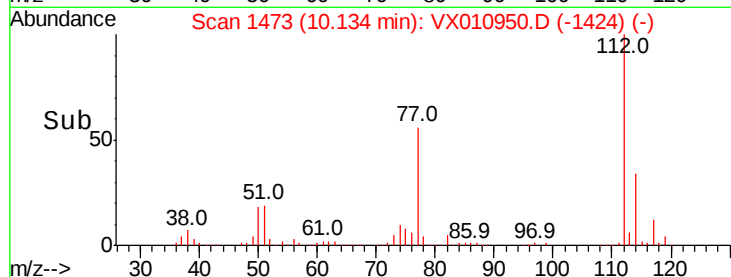
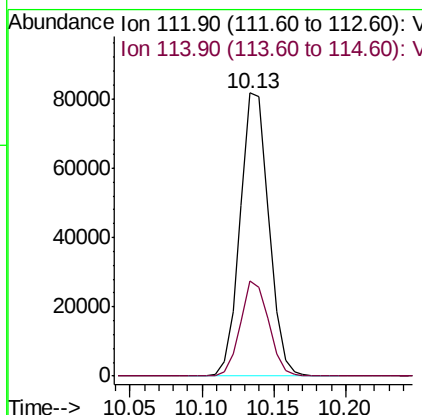
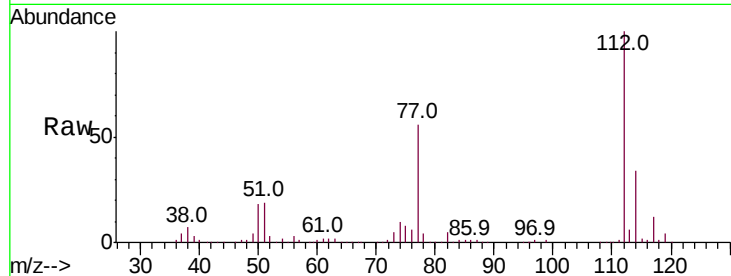
#65
Chlorobenzene
Concen: 19.071 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion:112 Resp: 113176
Ion Ratio Lower Upper
112 100
114 33.6 26.2 39.4

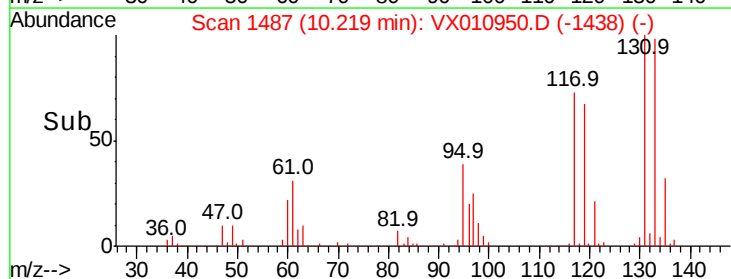
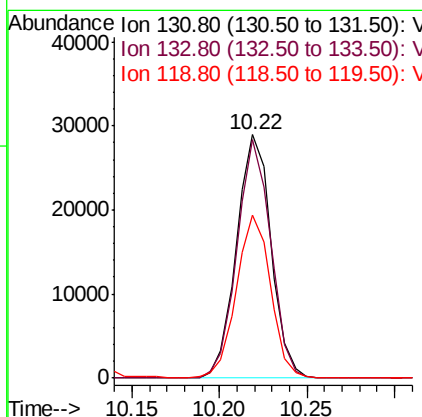
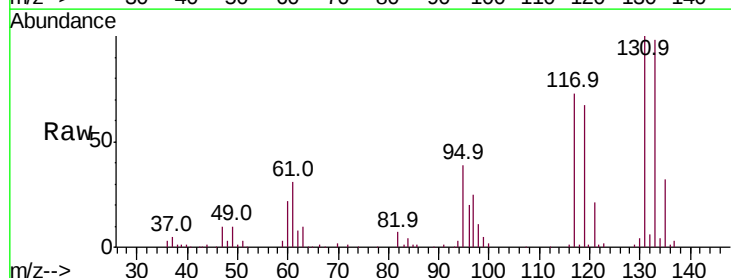
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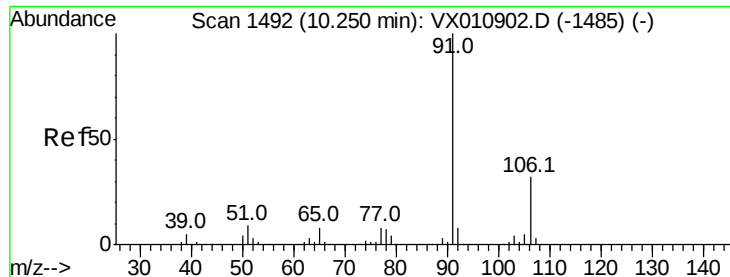
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.042 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion:131 Resp: 39716
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 66.4 31.9 95.7





#67

Ethyl Benzene

Concen: 19.647 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

VX0718WBS01

Tot Ion: 91 Resp: 198464

Ion Ratio Lower Upper

91 100

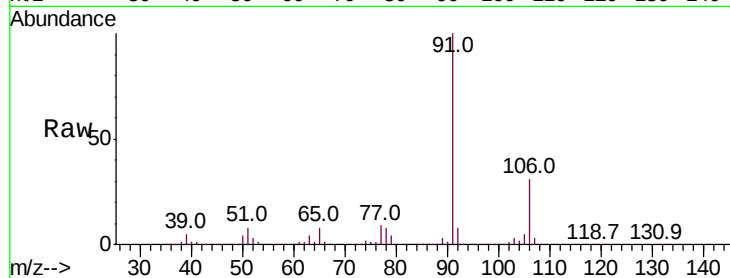
106 31.3 25.4 38.2

Manual Integrations

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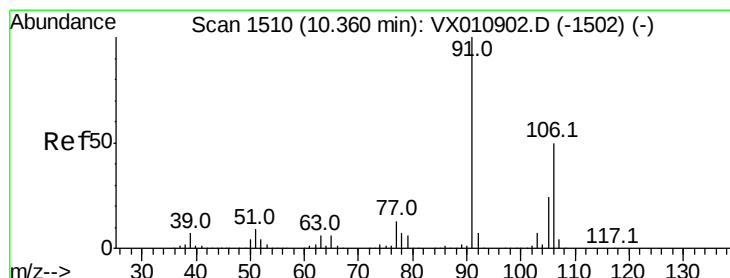
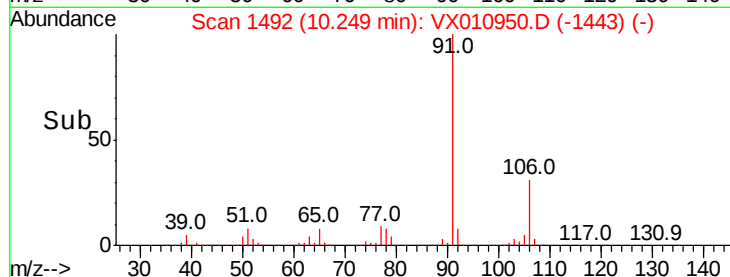
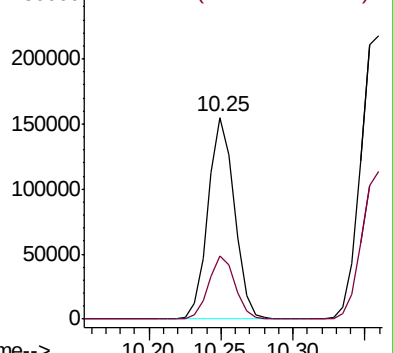
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.985 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010950.D

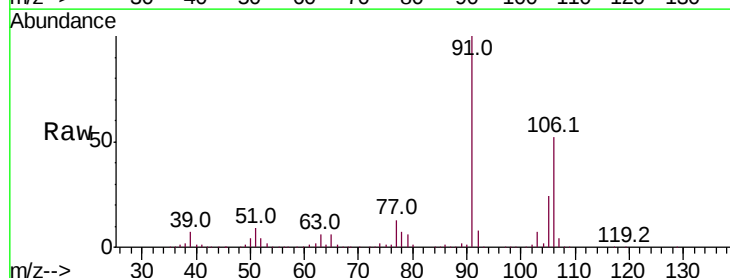
Acq: 18 Jul 2019 11:52

Tgt Ion:106 Resp: 151060

Ion Ratio Lower Upper

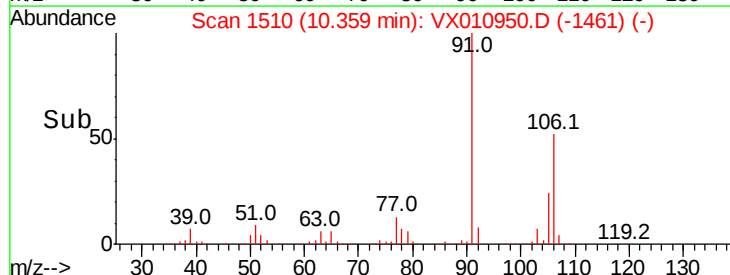
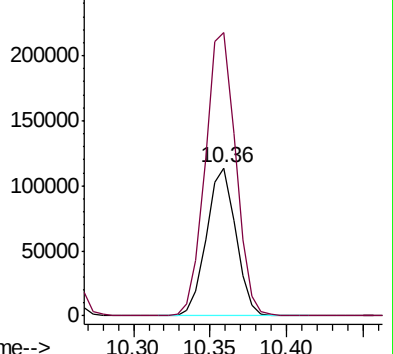
106 100

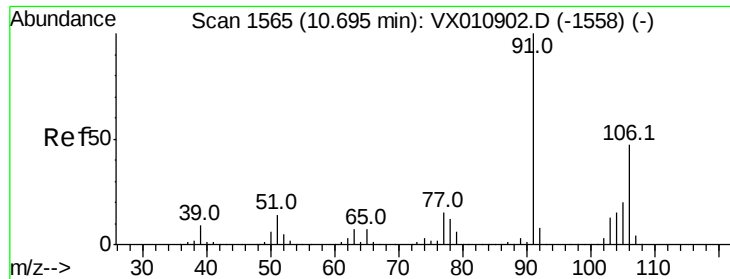
91 199.3 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





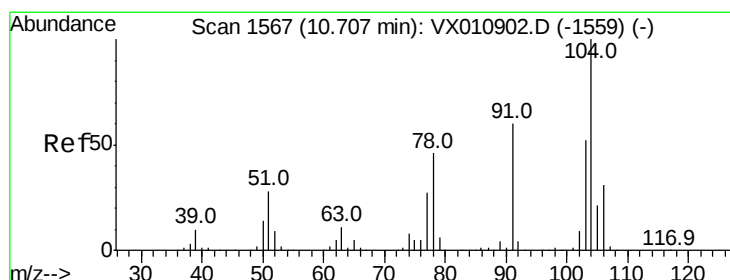
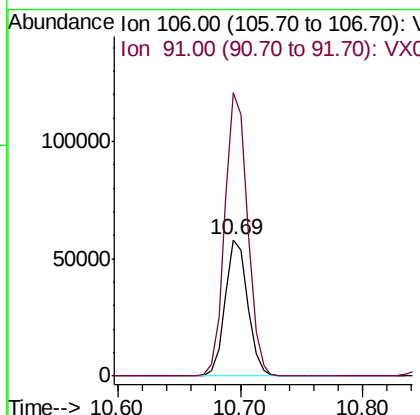
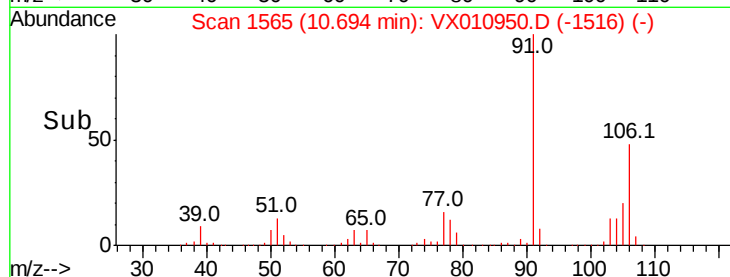
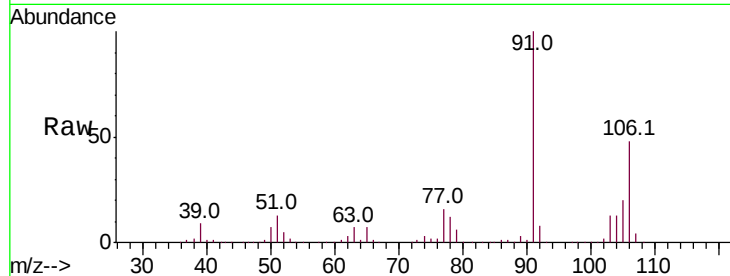
#69
o-Xylene
Concen: 19.534 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampled :
VX0718WBS01

Tot Ion:106 Resp: 73870
Ion Ratio Lower Upper
106 100
91 209.4 105.1 315.3

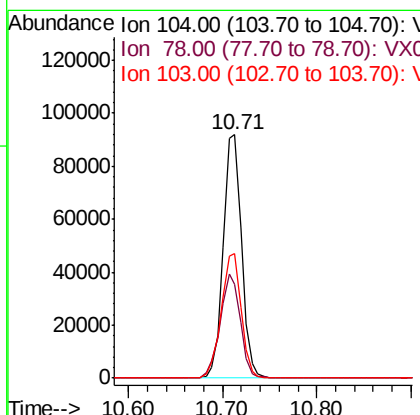
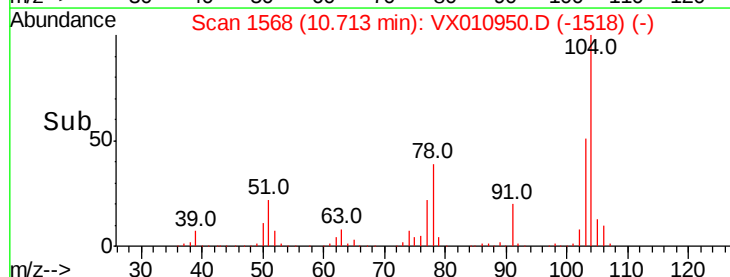
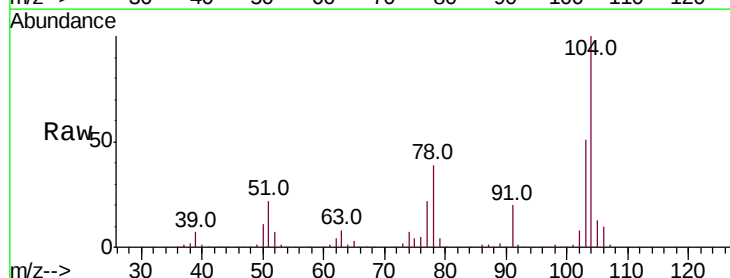
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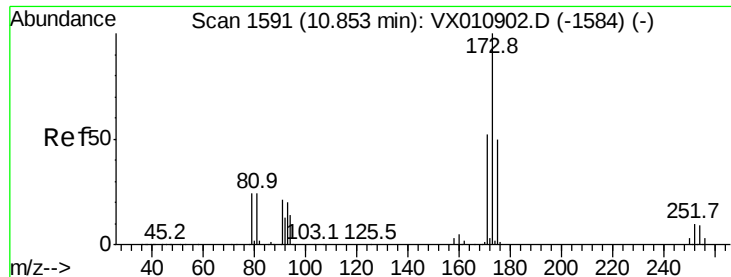
MMDadoda
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#70
Styrene
Concen: 19.735 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion:104 Resp: 124410
Ion Ratio Lower Upper
104 100
78 46.7 38.8 58.2
103 55.7 44.2 66.4





#71

Bromoform

Concen: 17.690 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion:173 Resp: 30298

Ion Ratio Lower Upper

173 100

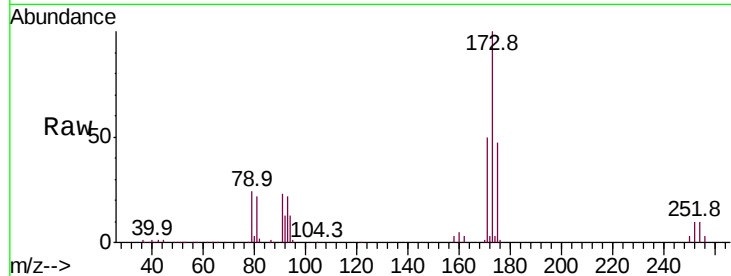
175 49.8 24.6 73.6

254 0.0 0.1 0.1#

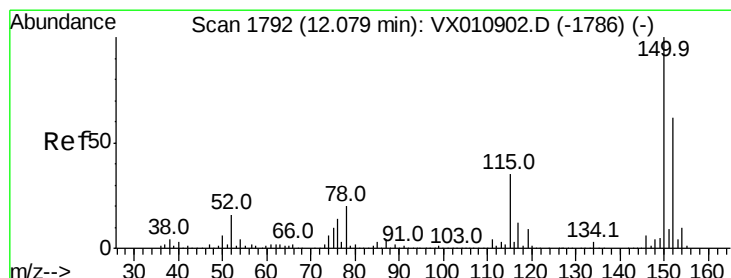
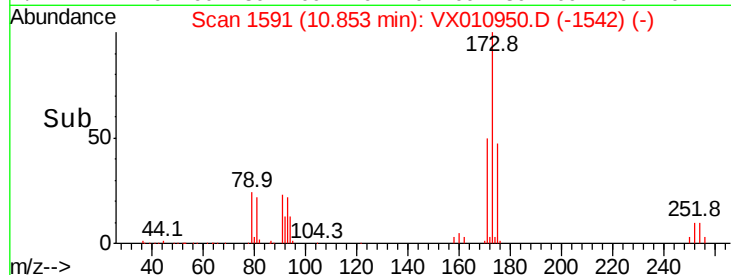
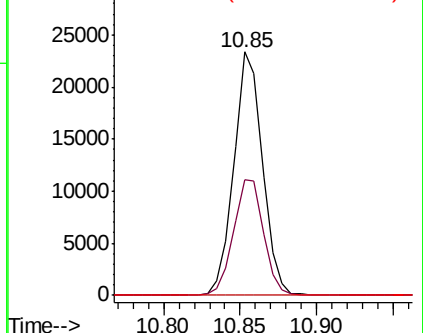
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

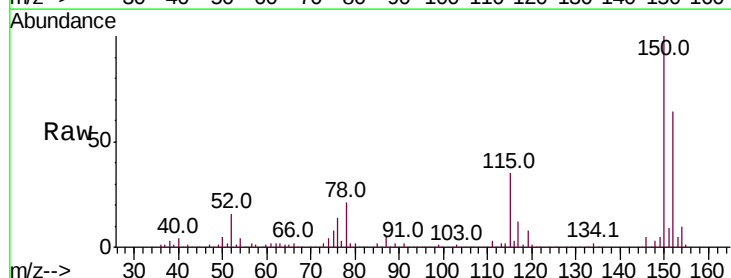
Tgt Ion:152 Resp: 148840

Ion Ratio Lower Upper

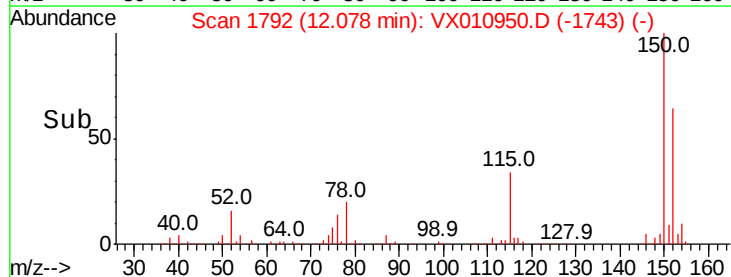
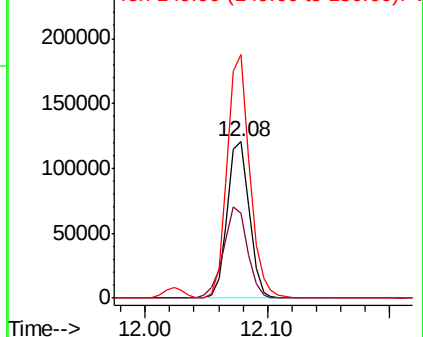
152 100

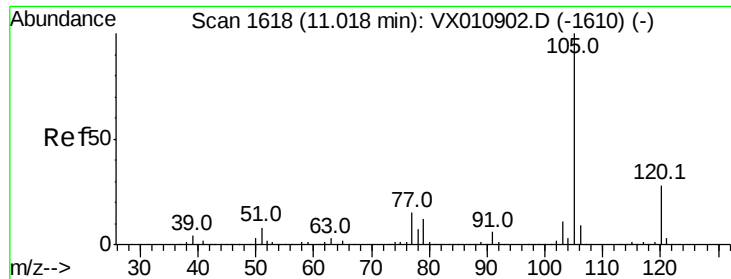
115 64.2 39.7 119.1

150 159.9 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





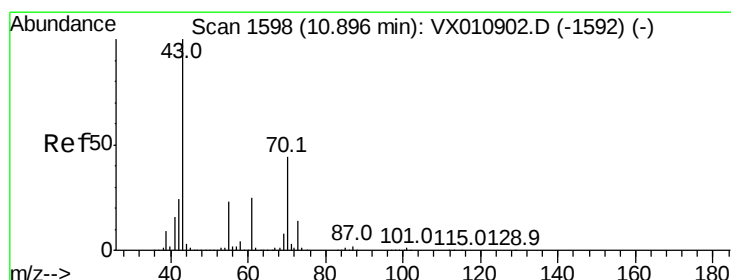
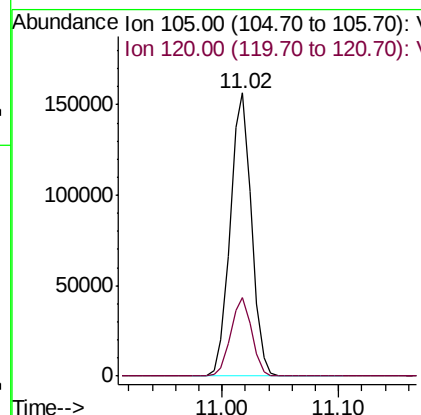
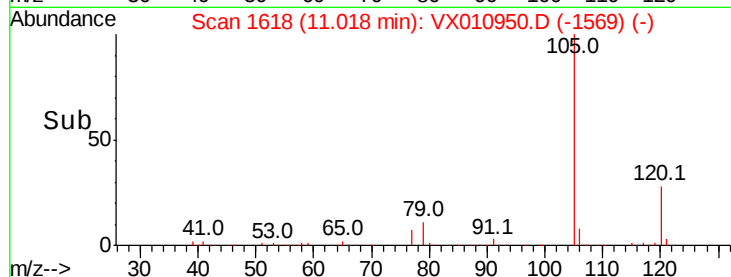
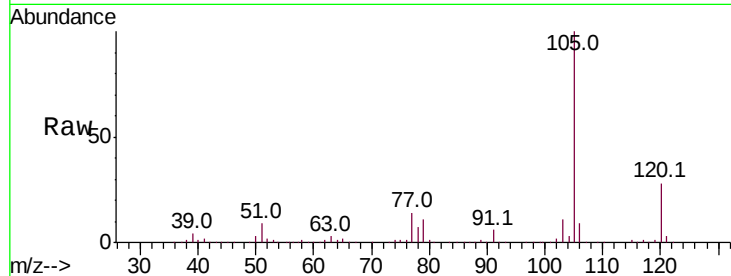
#73
Isopropylbenzene
Concen: 19.612 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion: 105 Resp: 197235
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1

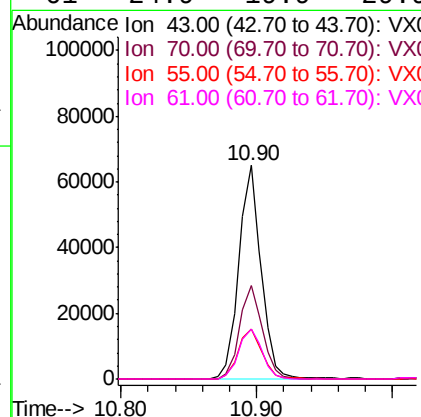
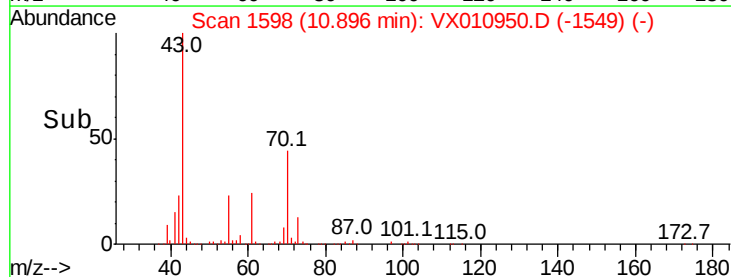
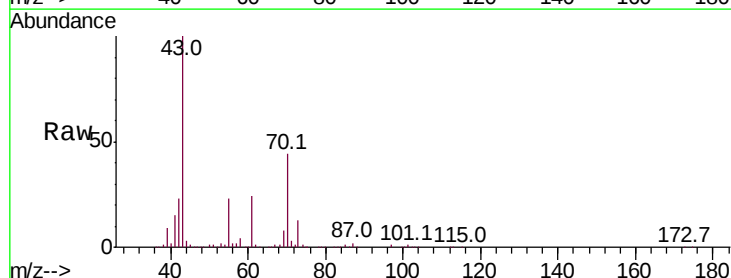
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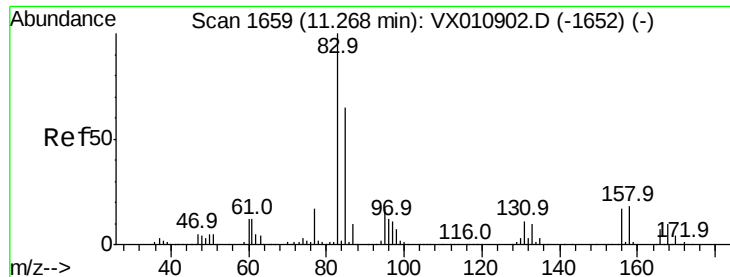
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#74
N-ethyl acetate
Concen: 19.266 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 43 Resp: 74036
Ion Ratio Lower Upper
43 100
70 44.6 34.7 52.1
55 25.3 19.1 28.7
61 24.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.488 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

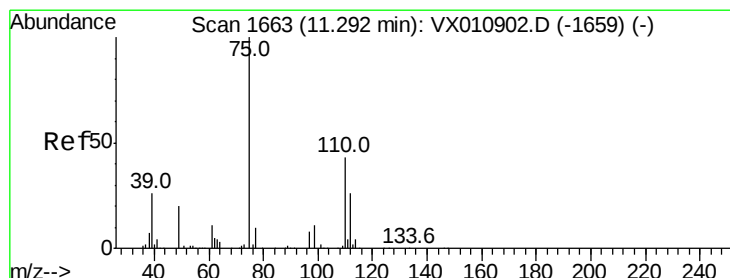
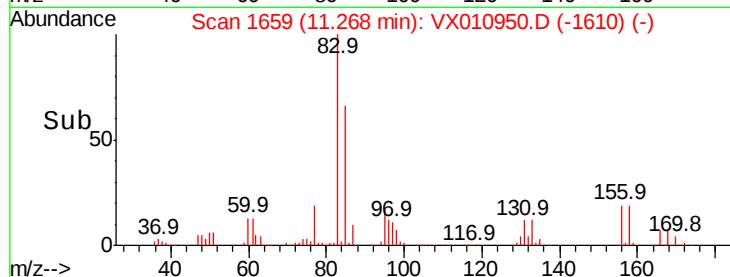
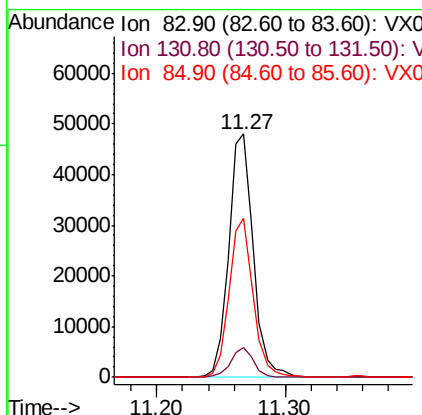
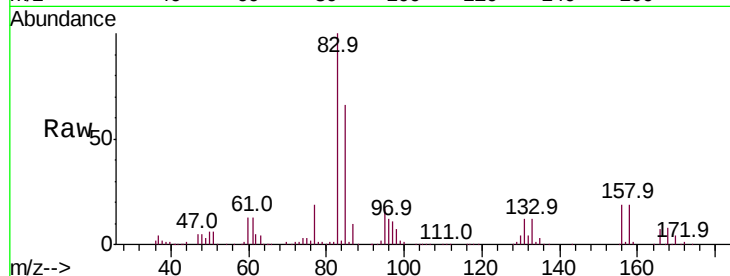
ClientSampleId :

VX0718WBS01

Tot Ion:	83	Resp:	64139
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.5	16.4
85	64.5	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.499 ug/l m

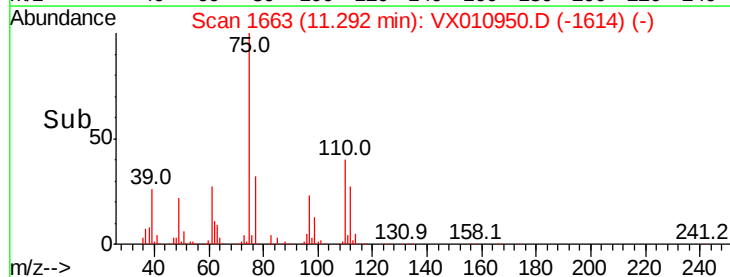
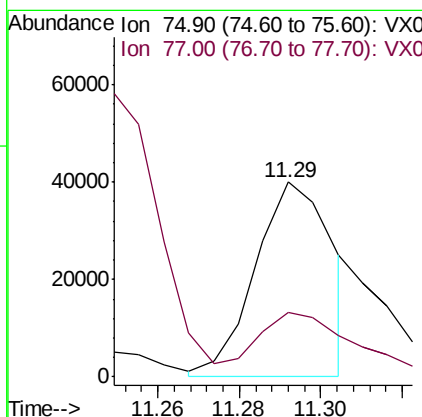
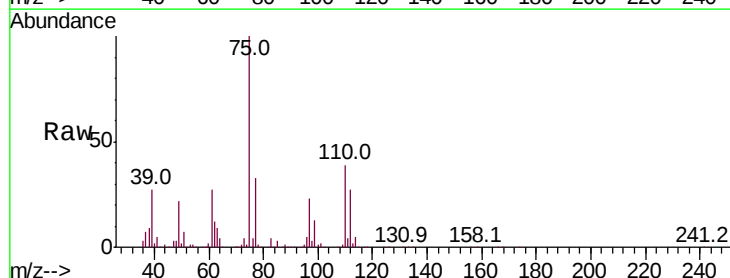
RT: 11.29 min Scan# 1663

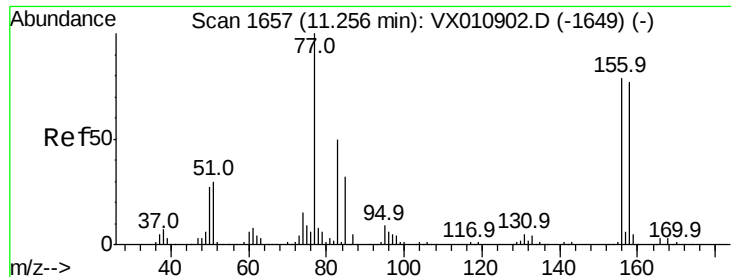
Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Tgt Ion:	75	Resp:	52372
Ion	Ratio	Lower	Upper
75	100		
77	42.4	21.3	64.0





#77

Bromobenzene

Concen: 19.416 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

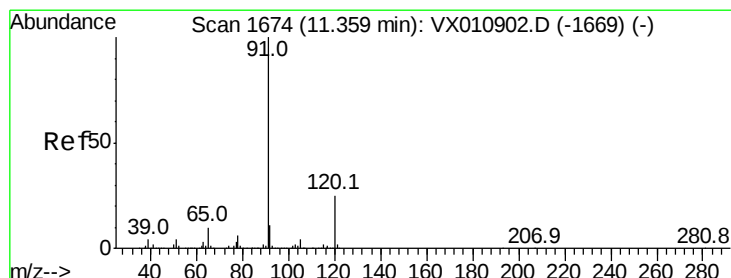
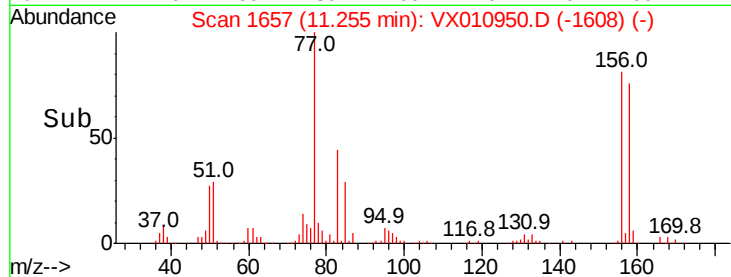
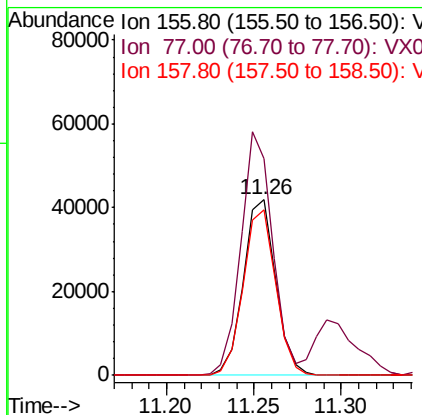
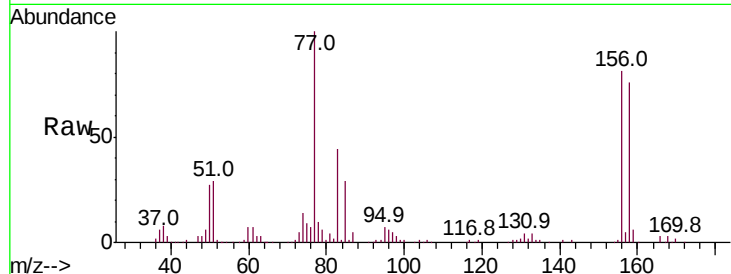
ClientSampleId :

VX0718WBS01

Tot Ion:	156	Resp:	53863
Ion	Ratio	Lower	Upper
156	100		
77	135.3	68.7	206.1
158	95.1	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 19.883 ug/l

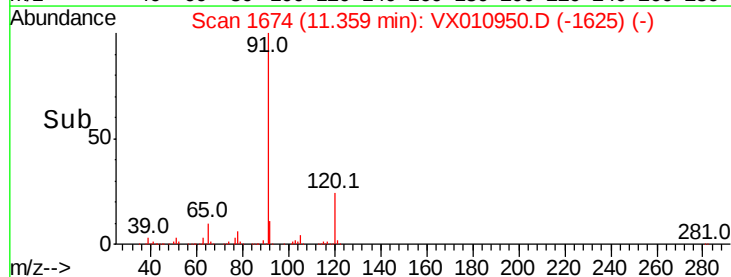
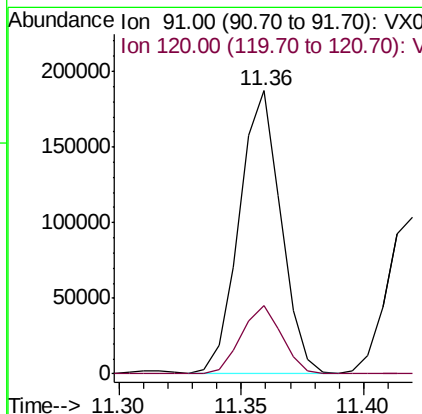
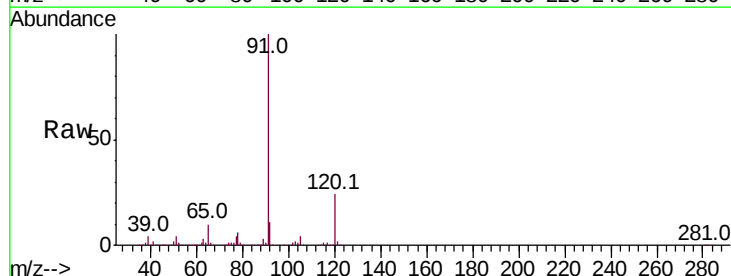
RT: 11.36 min Scan# 1674

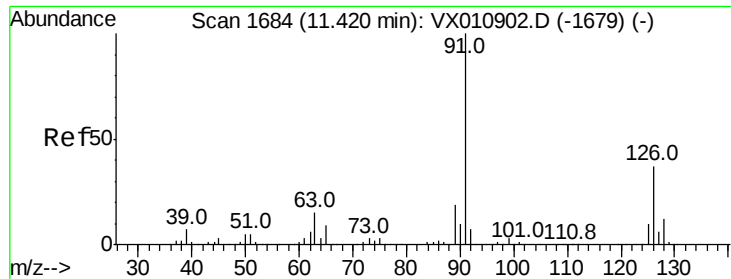
Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Tgt Ion:	91	Resp:	220941
Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.3	36.8





#79

2-Chlorotoluene

Concen: 19.309 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion: 91 Resp: 128897

Ion Ratio Lower Upper

91 100

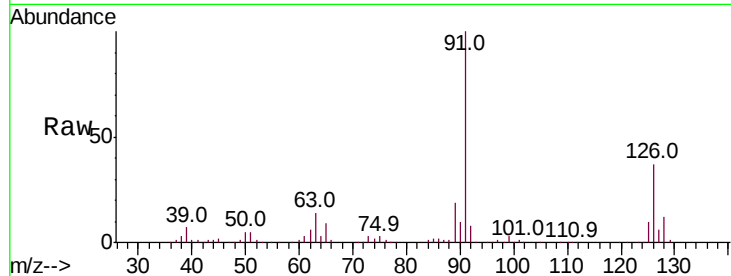
126 36.5 18.0 54.0

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

200000

150000

100000

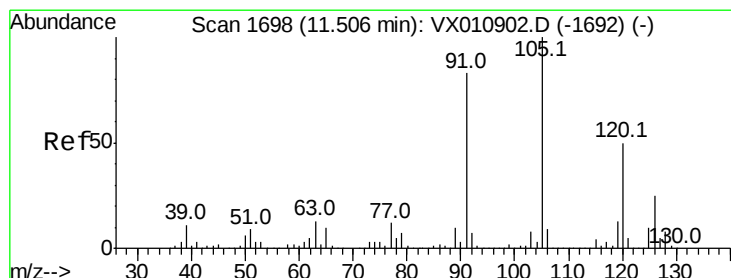
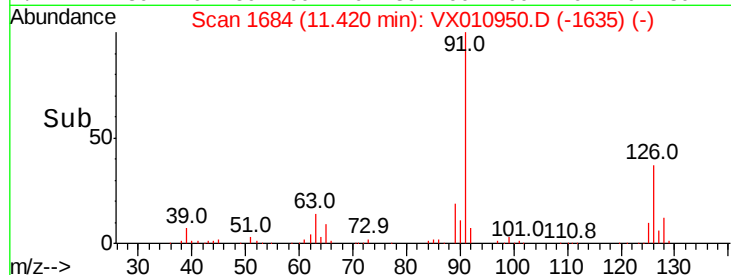
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.632 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010950.D

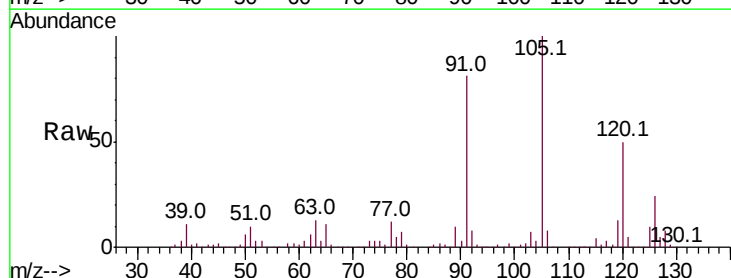
Acq: 18 Jul 2019 11:52

Tgt Ion:105 Resp: 164985

Ion Ratio Lower Upper

105 100

120 50.0 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

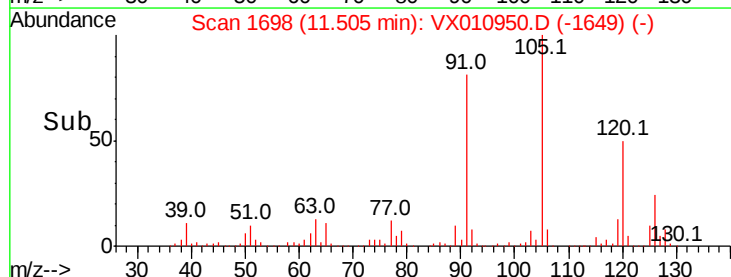
50000

0

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.593 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion: 75 Resp: 16832

Ion Ratio Lower Upper

75 100

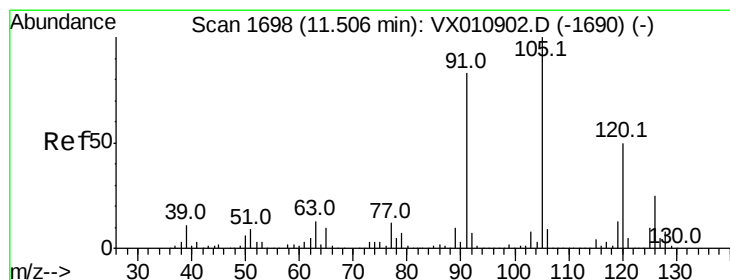
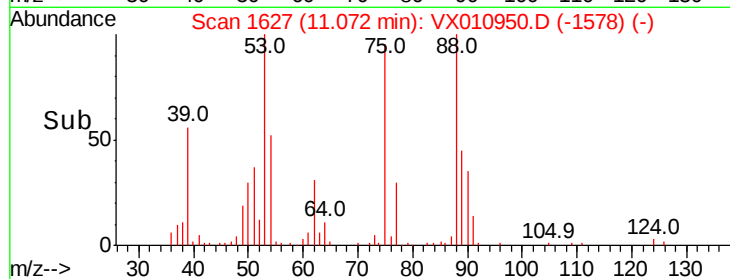
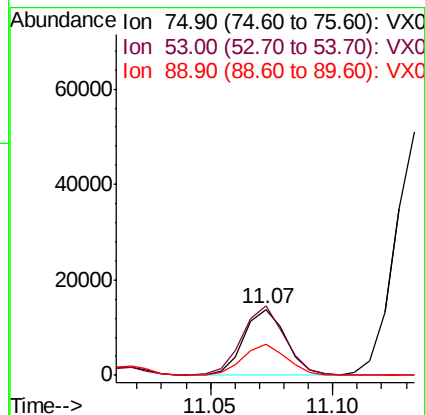
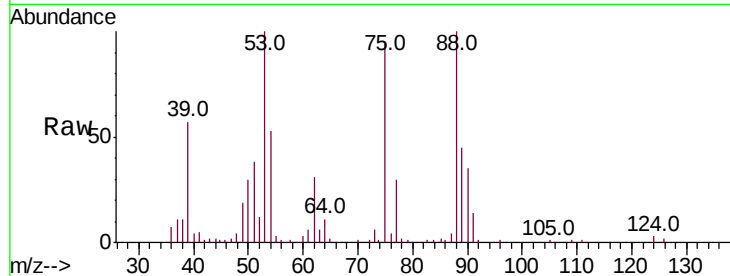
53 104.0 76.7 115.1

89 48.3 38.5 57.7

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#82

4-Chlorotoluene

Concen: 19.090 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010950.D

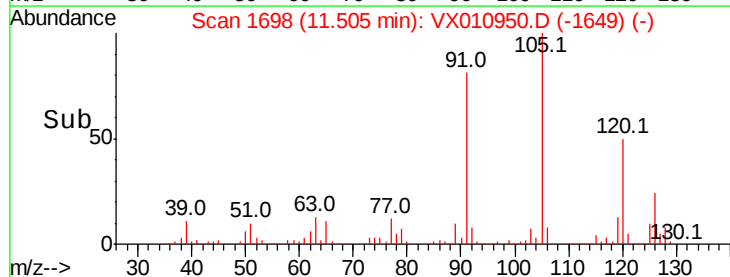
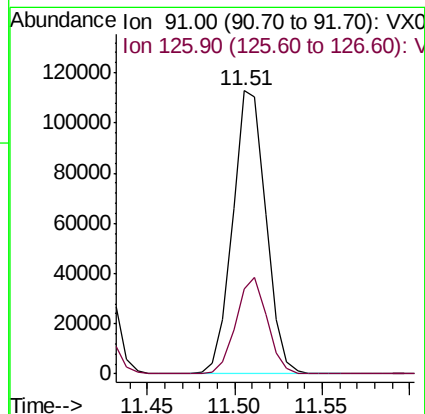
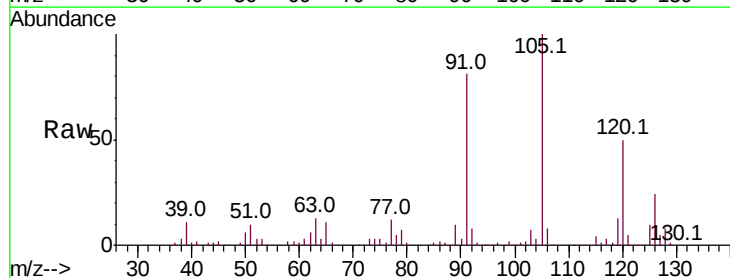
Acq: 18 Jul 2019 11:52

Tgt Ion: 91 Resp: 148316

Ion Ratio Lower Upper

91 100

126 32.3 15.9 47.7





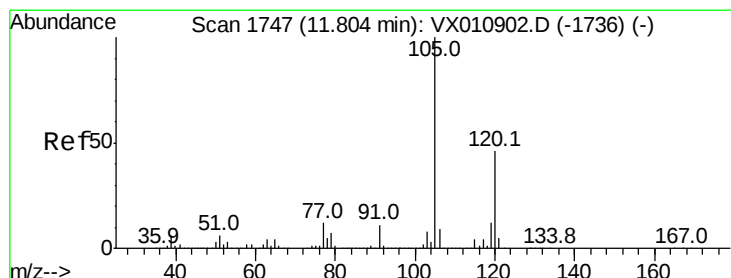
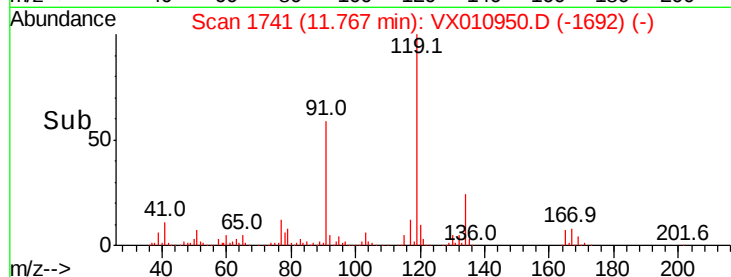
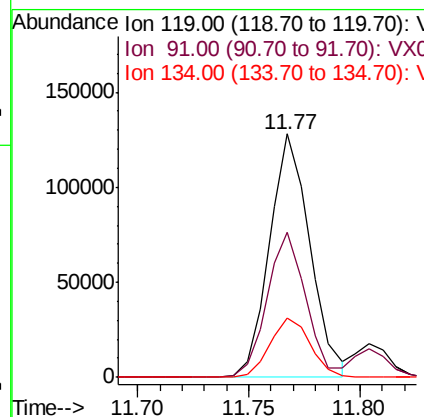
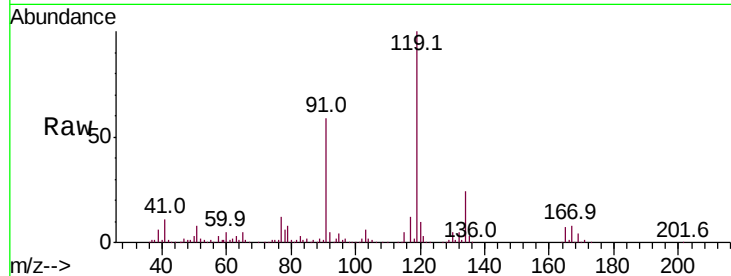
#83
tert-Butylbenzene
Concen: 19.585 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	161665		
91	57.4	28.6	85.8	
134	24.4	11.6	34.8	

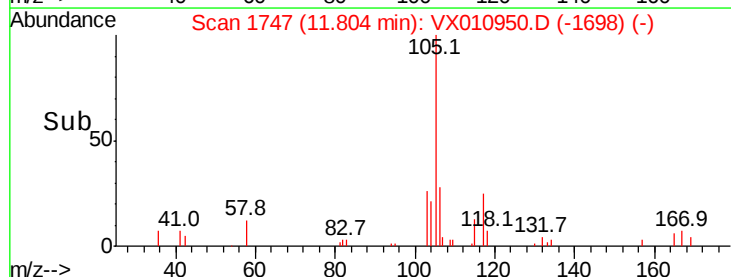
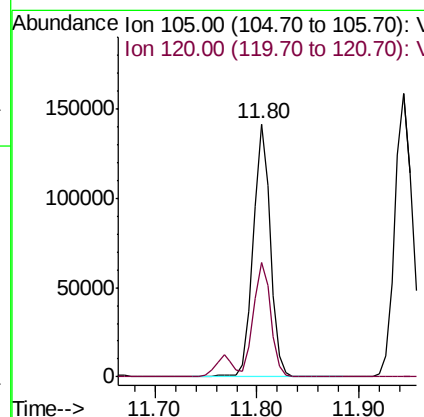
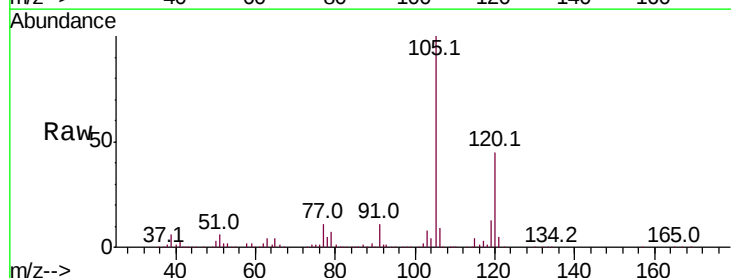
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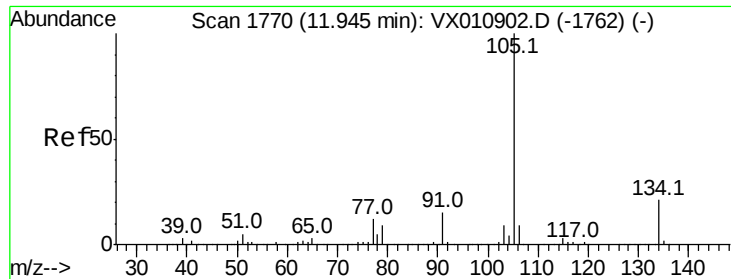
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#84
1,2,4-Trimethylbenzene
Concen: 19.562 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165690		
120	45.6	22.9	68.5	





#85

sec-Butylbenzene

Concen: 19.869 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBS01

Tot Ion:105 Resp: 192173

Ion Ratio Lower Upper

105 100

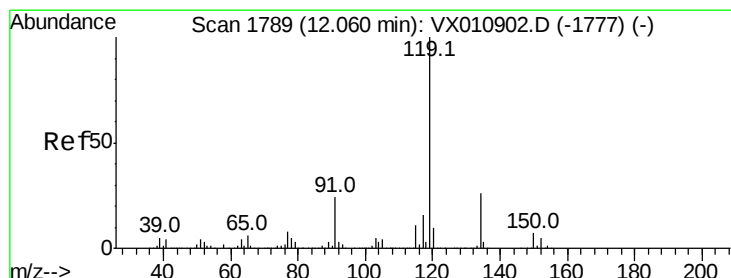
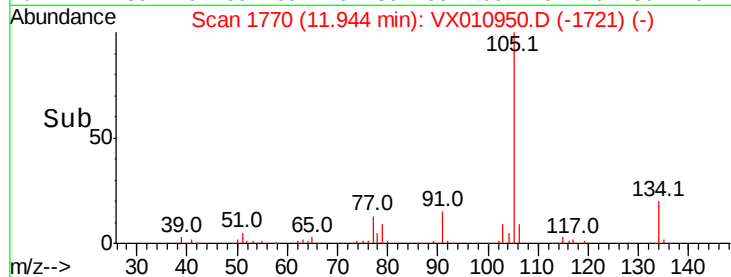
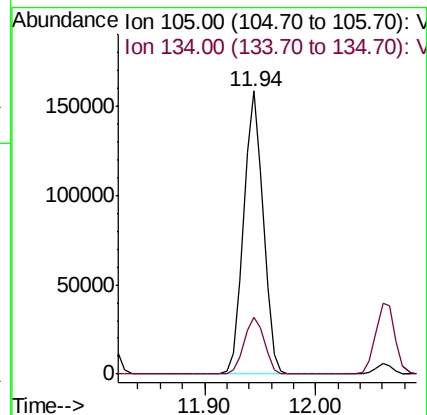
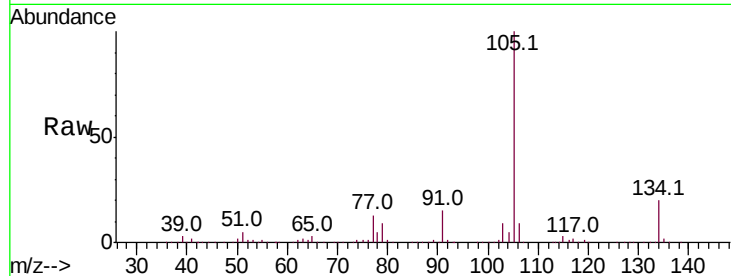
134 20.9 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 19.734 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

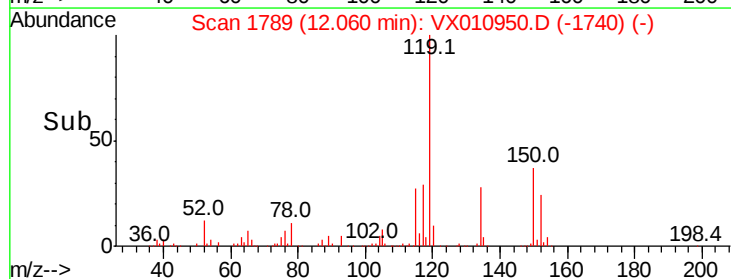
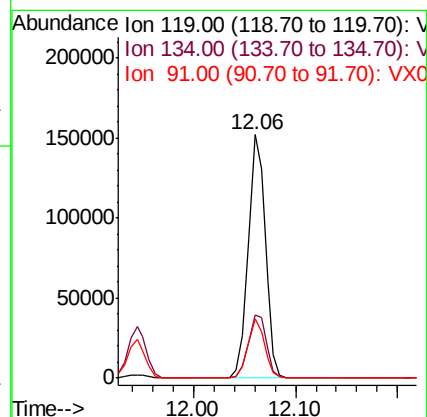
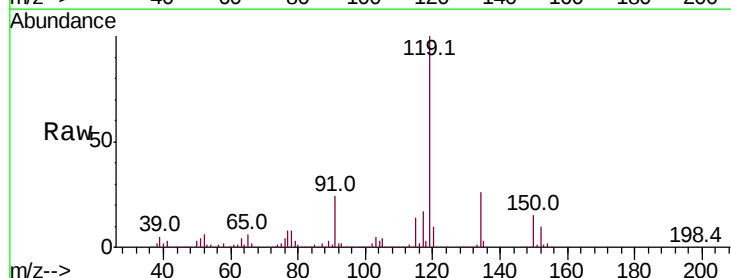
Tgt Ion:119 Resp: 176460

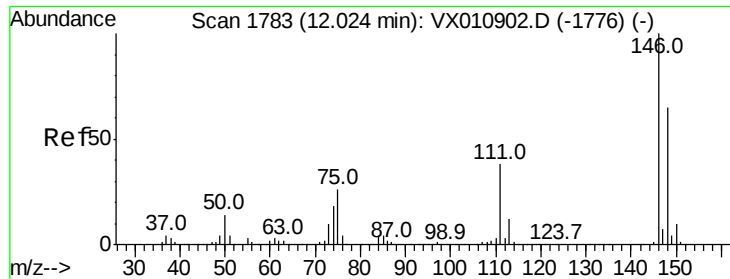
Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.1

91 23.7 11.8 35.4





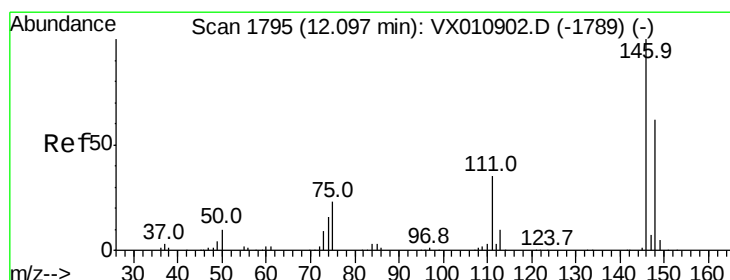
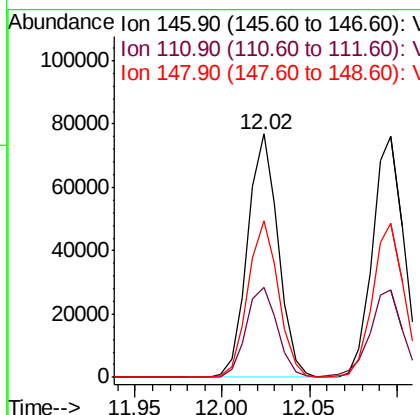
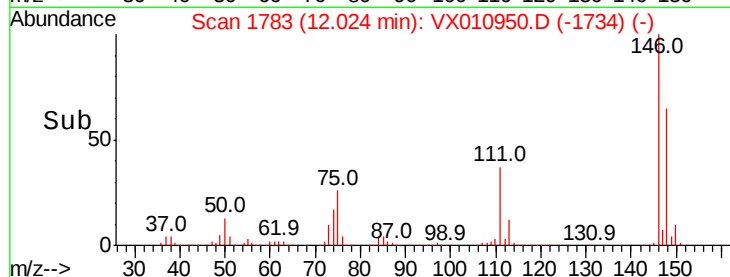
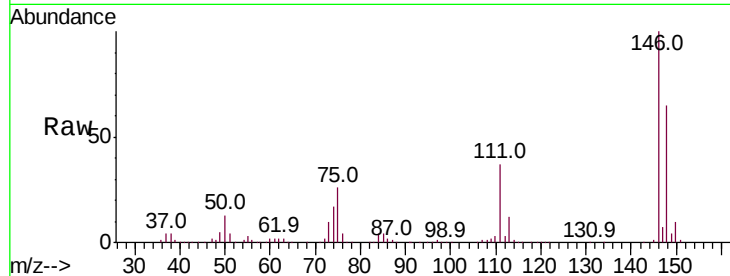
#87
 1,3-Dichlorobenzene
 Concen: 19.386 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	64.1	32.2	96.6

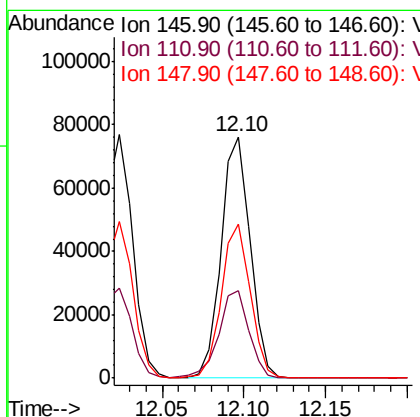
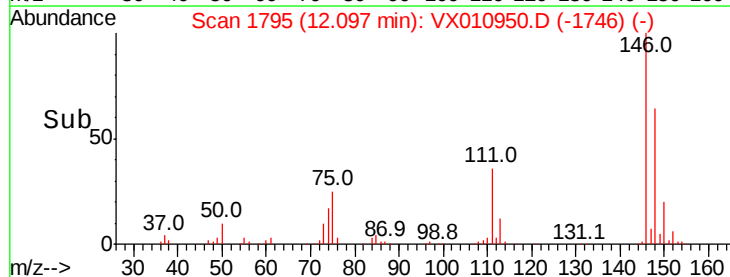
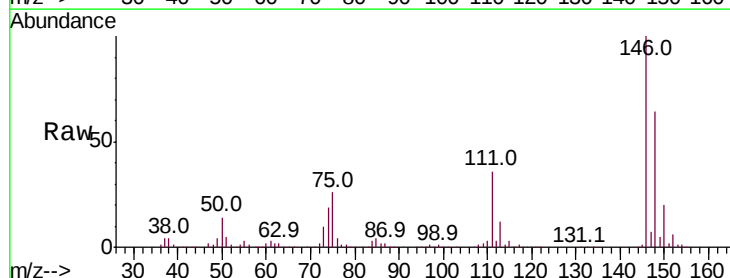
Manual Integrations
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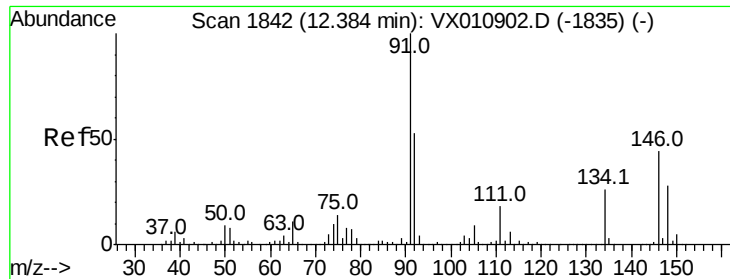
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#88
 1,4-Dichlorobenzene
 Concen: 19.157 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.8
148	64.2	31.6	94.7





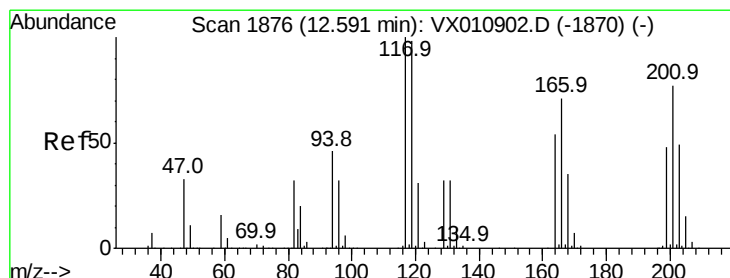
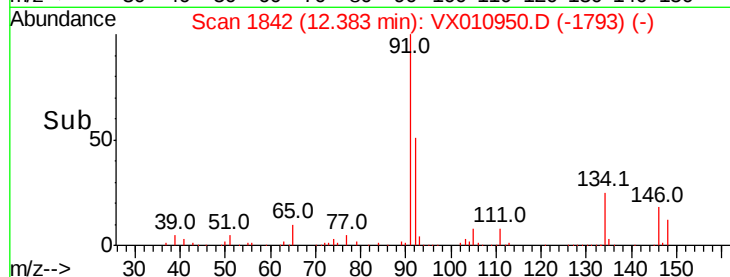
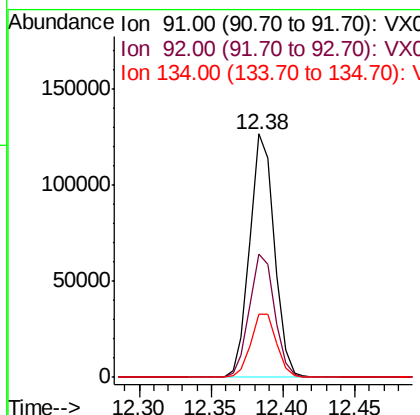
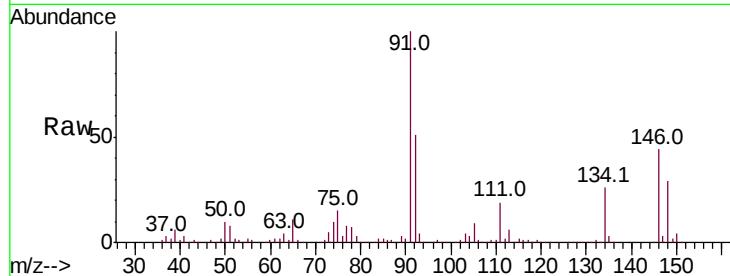
#89
n-Butylbenzene
Concen: 19.423 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	27.1	13.8	41.3

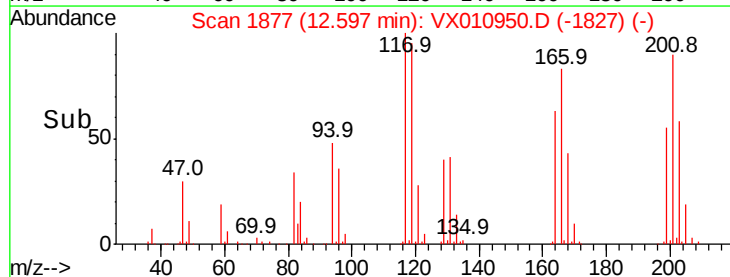
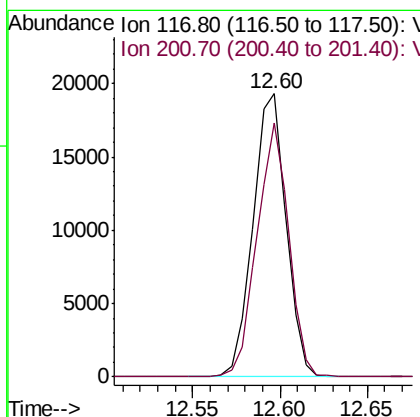
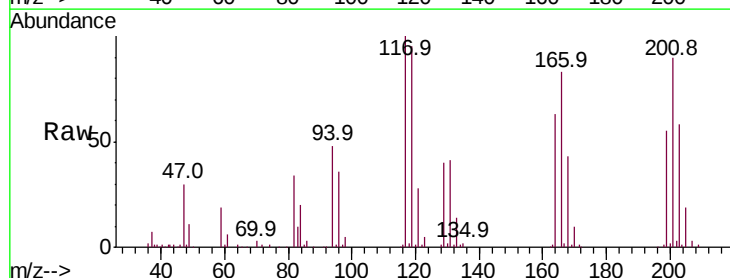
Manual Integrations
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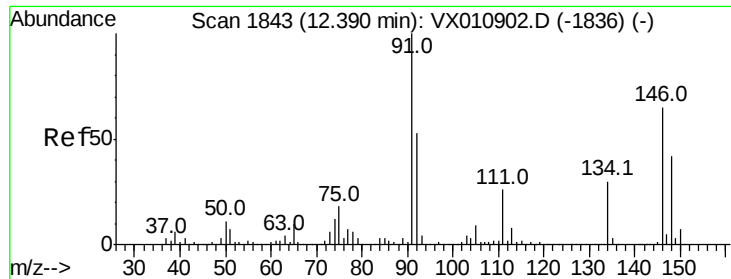
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#90
Hexachloroethane
Concen: 17.970 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	43.3	129.8





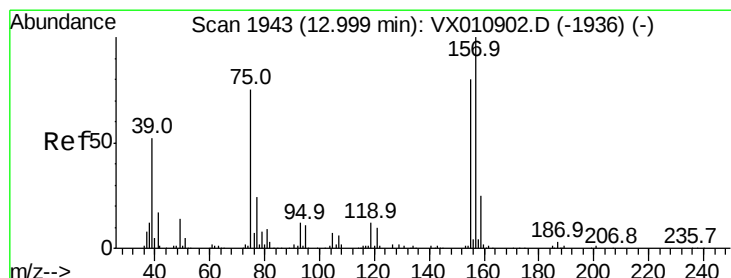
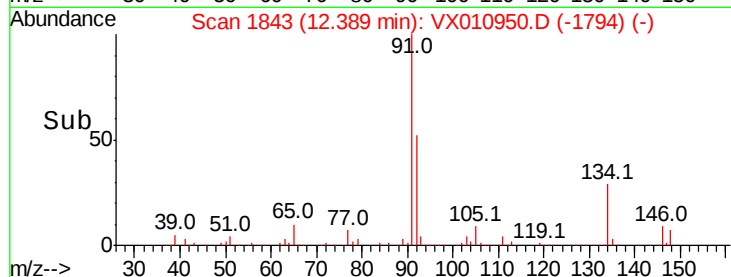
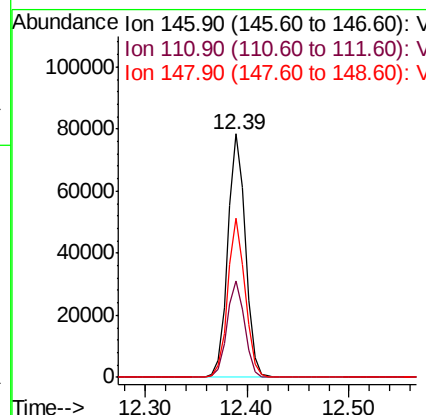
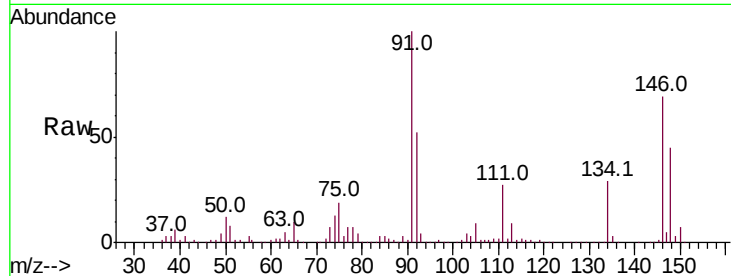
#91
 1,2-Dichlorobenzene
 Concen: 19.790 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0718WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.9	32.0	96.2

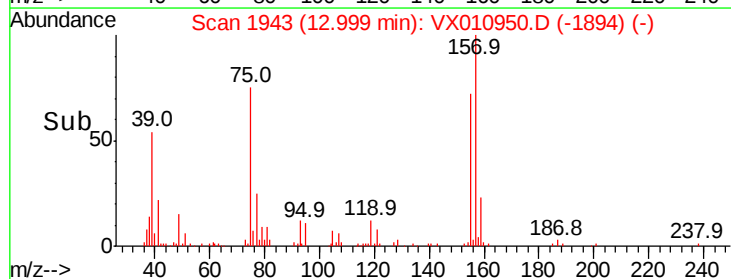
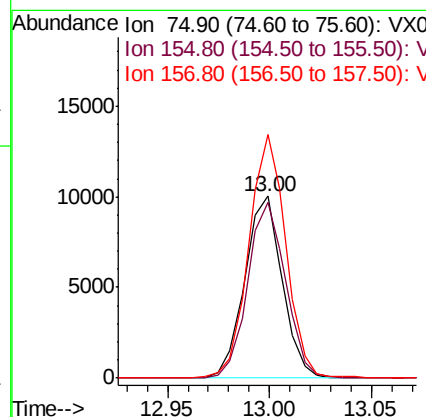
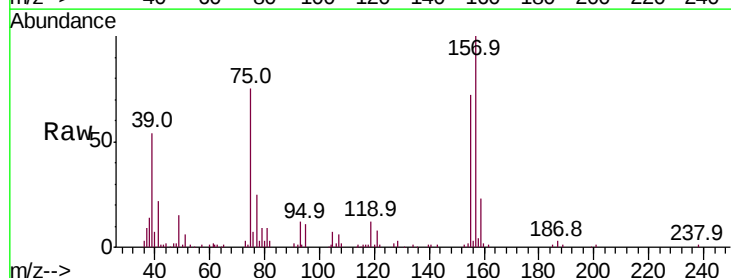
Manual Integrations
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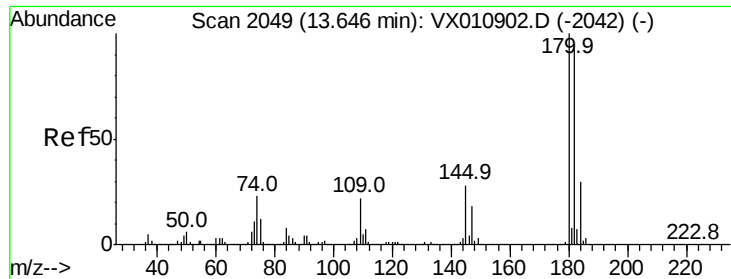
MMDadoda
 7/22/2019 12:03:25 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.594 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	48.7	146.1
157	131.8	62.5	187.6





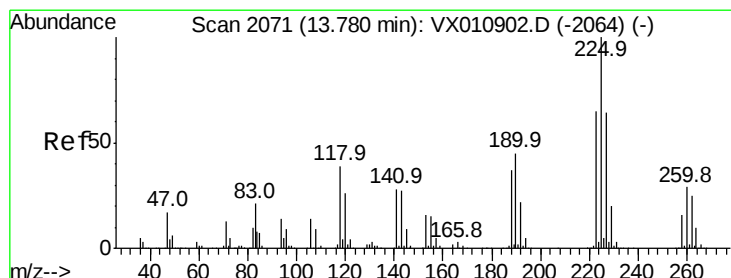
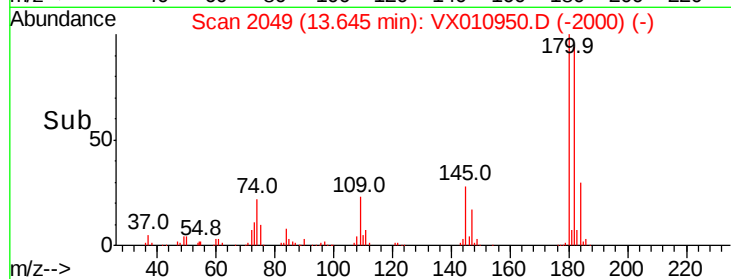
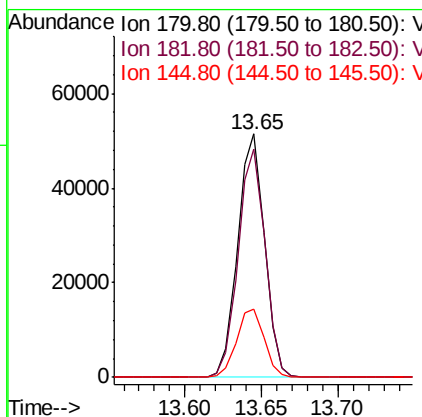
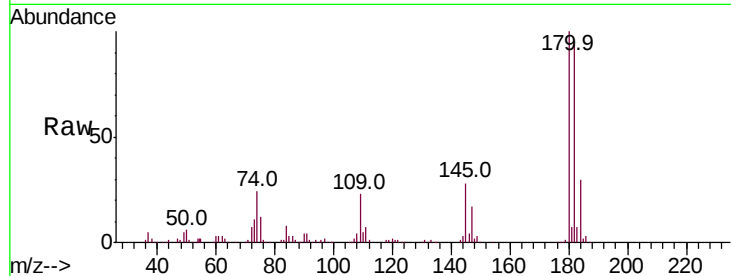
#93
 1,2,4-Trichlorobenzene
 Concen: 19.315 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.4	47.1	141.3	
145	29.0	14.8	44.4	

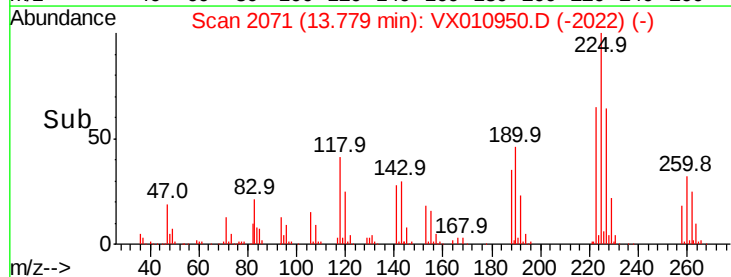
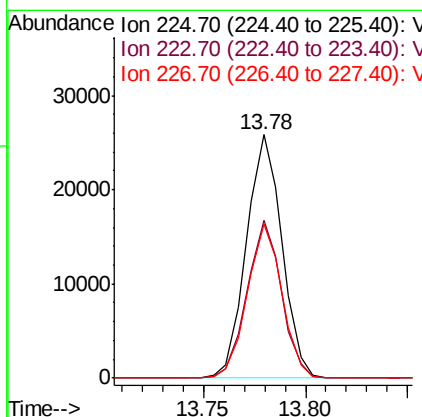
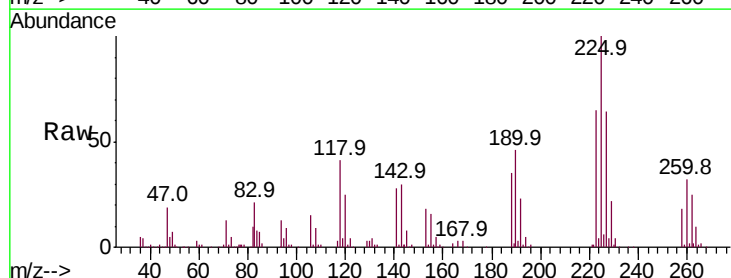
Manual Integrations
 APPROVED

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 7/22/2019 12:03:25 PM



#94
 Hexachlorobutadiene
 Concen: 19.495 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.9	95.9	
227	61.6	32.5	97.4	





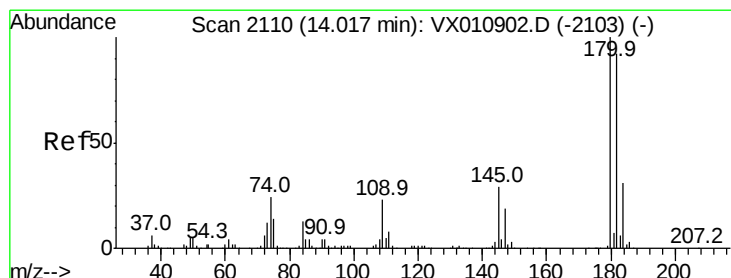
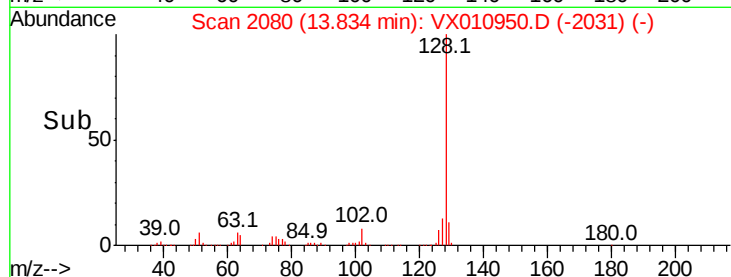
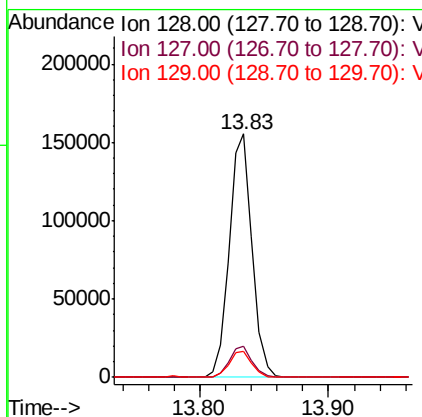
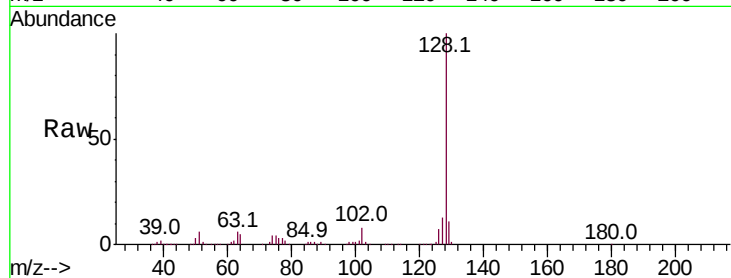
#95
Naphthalene
Concen: 20.134 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.045 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.3
145	30.7	15.1	45.3

