

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101118\
 Data File : VX005255.D
 Acq On : 11 Oct 2018 15:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 2:34:11 PM

Quant Time: Oct 12 07:24:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176087	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	120933	37.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.62%	
35) Dibromofluoromethane	5.50	113	100776	37.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.82%	
50) Toluene-d8	8.72	98	368729	41.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.44%	
62) 4-Bromofluorobenzene	11.14	95	143124	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	160753	51.97	ug/l	97
3) Chloromethane	1.32	50	168409	44.87	ug/l	100
4) Vinyl Chloride	1.40	62	171507	48.72	ug/l	98
5) Bromomethane	1.64	94	85324	40.88	ug/l	97
6) Chloroethane	1.71	64	103517	54.15	ug/l	97
7) Trichlorofluoromethane	1.92	101	235043	53.94	ug/l	95
8) Diethyl Ether	2.19	74	88313	46.65	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131176	52.84	ug/l	99
10) Methyl Iodide	2.51	142	122397	36.85	ug/l	91
11) Tert butyl alcohol	3.09	59	207618	229.10	ug/l	100
12) 1,1-Dichloroethene	2.37	96	119082	48.44	ug/l	94
13) Acrolein	2.29	56	94042	145.85	ug/l	92
14) Allyl chloride	2.72	41	269079	50.16	ug/l	95
15) Acrylonitrile	3.15	53	489957	245.60	ug/l	97
16) Acetone	2.45	43	479887	253.62	ug/l	94
17) Carbon Disulfide	2.56	76	341082	46.17	ug/l	97
18) Methyl Acetate	2.78	43	258952	54.02	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	441583	52.08	ug/l	96
20) Methylene Chloride	2.85	84	139073	50.56	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	130303	48.42	ug/l	86
22) Diisopropyl ether	3.87	45	448400	49.64	ug/l	99
23) Vinyl Acetate	3.82	43	2096500	253.57	ug/l	98
24) 1,1-Dichloroethane	3.70	63	269392	50.00	ug/l	100
25) 2-Butanone	4.71	43	642277	230.28	ug/l	98
26) 2,2-Dichloropropane	4.58	77	194429	51.82	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	136555	45.42	ug/l	94
28) Bromochloromethane	5.02	49	90451	35.65	ug/l	100
29) Tetrahydrofuran	5.17	42	407319	234.96	ug/l	98
30) Chloroform	5.21	83	234472	46.05	ug/l	99
31) Cyclohexane	5.57	56	205258	49.77	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	204691	49.22	ug/l	95
36) 1,1-Dichloropropene	5.80	75	175578	48.41	ug/l	94
37) Ethyl Acetate	4.86	43	227592	47.27	ug/l	98
38) Carbon Tetrachloride	5.77	117	181509	47.61	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	207702	56.08	ug/l #	84
40) Benzene	6.14	78	517695	45.59	ug/l	96
41) Methacrylonitrile	5.07	41	127991	47.94	ug/l	98
42) 1,2-Dichloroethane	6.20	62	188978	47.08	ug/l	97
43) Isopropyl Acetate	6.46	43	331770	47.75	ug/l	96
44) Trichloroethene	7.21	130	142644	51.10	ug/l	98
45) 1,2-Dichloropropane	7.52	63	138520	49.75	ug/l	98
46) Dibromomethane	7.66	93	91134	52.08	ug/l	100
47) Bromodichloromethane	7.90	83	178063	54.35	ug/l	98
48) Methyl methacrylate	7.78	41	177206	56.19	ug/l	99
49) 1,4-Dioxane	7.76	88	72331	923.12	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1208214	276.15	ug/l	99
52) Toluene	8.79	92	330451	52.96	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	202180	54.61	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	217586	56.11	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	138640	50.73	ug/l	96
56) Ethyl methacrylate	9.18	69	216560	48.90	ug/l	97
57) 1,3-Dichloropropane	9.37	76	229522	50.46	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	462088	199.29	ug/l	99
59) 2-Hexanone	9.50	43	980383	268.90	ug/l	95
60) Dibromochloromethane	9.59	129	146215	53.50	ug/l	100
61) 1,2-Dibromoethane	9.68	107	142822	48.80	ug/l	94
64) Tetrachloroethene	9.34	164	140752	47.71	ug/l	96
65) Chlorobenzene	10.14	112	375382	48.83	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	139173	51.50	ug/l	99
67) Ethyl Benzene	10.26	91	644294	52.79	ug/l	97
68) m/p-Xylenes	10.36	106	509735	106.89	ug/l	96
69) o-Xylene	10.70	106	241386	55.11	ug/l	99
70) Styrene	10.71	104	413055	50.40	ug/l	100
71) Bromoform	10.86	173	124799	53.94	ug/l #	97
73) Isopropylbenzene	11.02	105	663982	59.82	ug/l	100
74) N-amyl acetate	10.90	43	312929	51.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	231454	51.23	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	211680m	53.63	ug/l	
77) Bromobenzene	11.26	156	178077	55.24	ug/l	98
78) n-propylbenzene	11.36	91	773176	60.71	ug/l	100
79) 2-Chlorotoluene	11.42	91	455968	57.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	572989	56.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	70401	48.70	ug/l	97
82) 4-Chlorotoluene	11.51	91	542923	58.11	ug/l	100
83) tert-Butylbenzene	11.77	119	564795	61.81	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	590548	56.32	ug/l	100
85) sec-Butylbenzene	11.94	105	691121	62.09	ug/l	100
86) p-Isopropyltoluene	12.07	119	624836	61.96	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	335564	55.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	340293	54.76	ug/l	99
89) n-Butylbenzene	12.39	91	568623	62.09	ug/l	100
90) Hexachloroethane	12.60	117	102077	60.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	338067	53.74	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55642	56.09	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	265360	60.13	ug/l	100
94) Hexachlorobutadiene	13.79	225	136230	59.53	ug/l	99
95) Naphthalene	13.83	128	797683	54.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	268719	58.95	ug/l	99

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

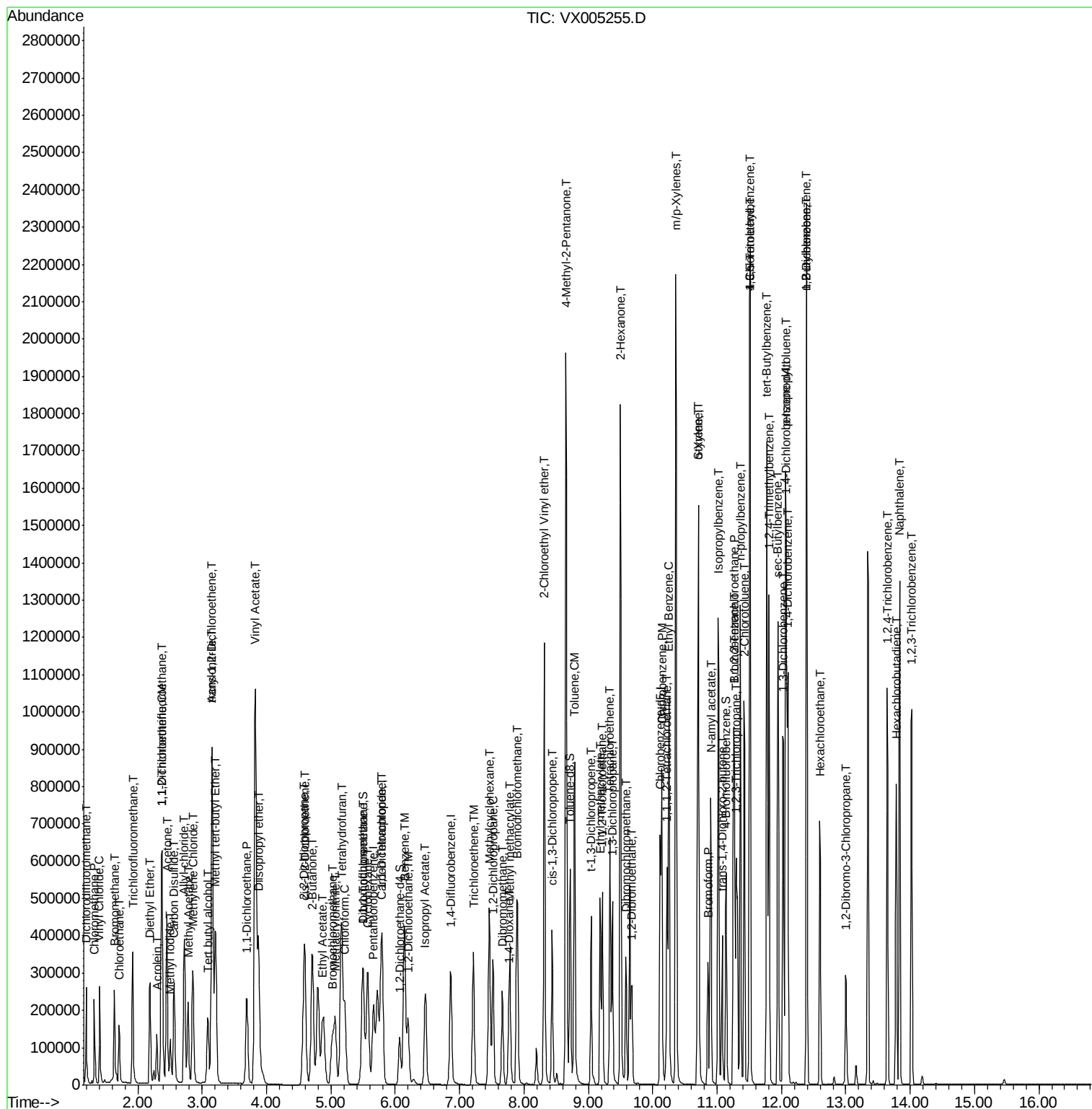
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
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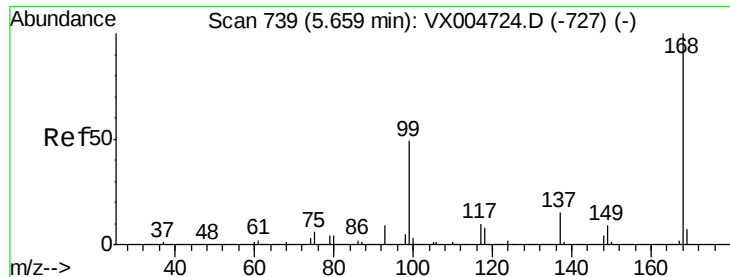
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 226883

Ion Ratio Lower Upper

168 100

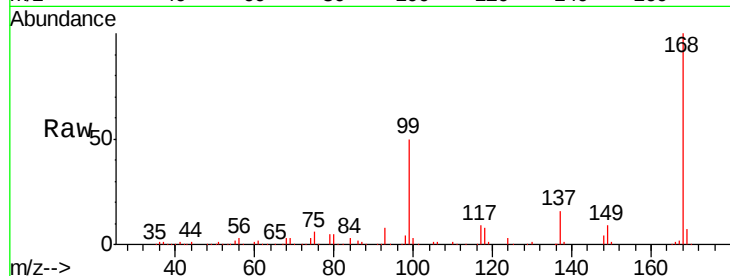
99 49.4 39.3 58.9

Manual Integrations

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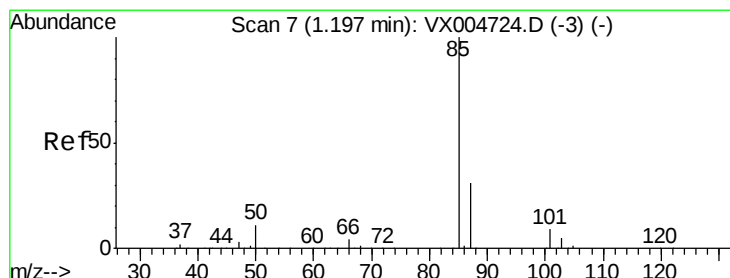
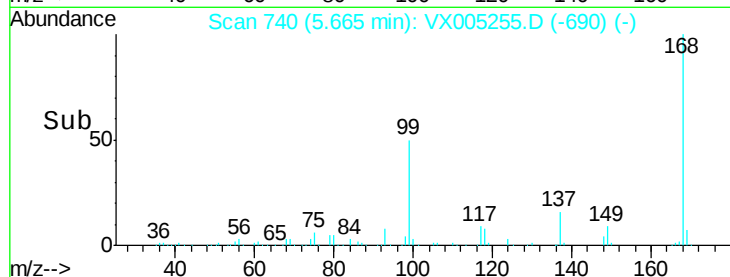
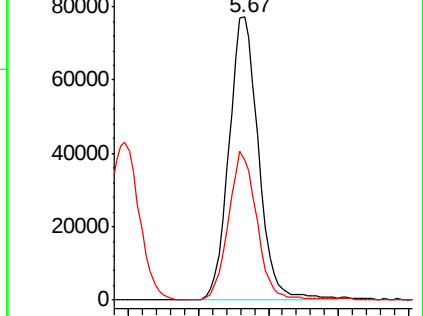
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.97 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005255.D

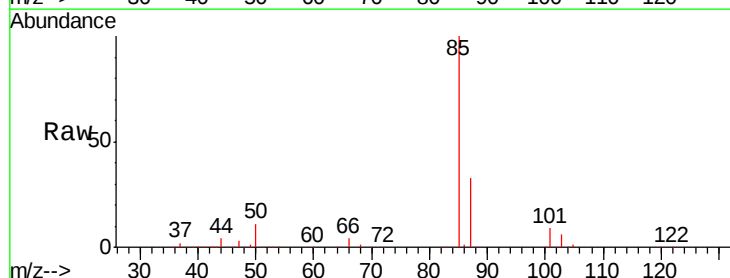
Acq: 11 Oct 2018 15:45

Tgt Ion: 85 Resp: 160753

Ion Ratio Lower Upper

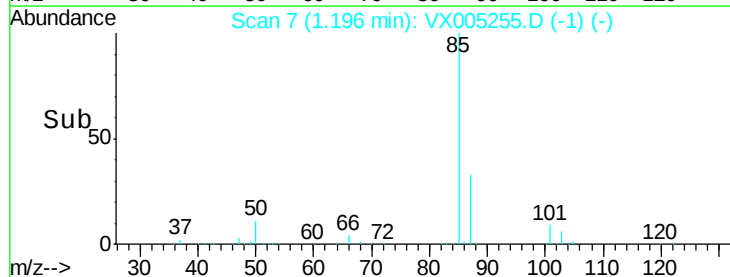
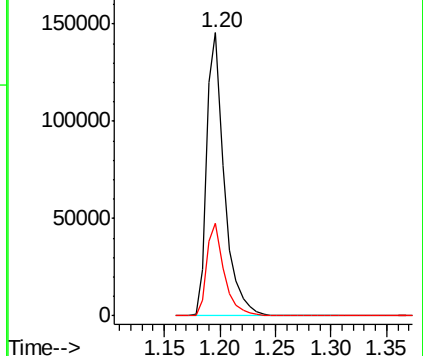
85 100

87 32.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.87 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 168409

Ion Ratio Lower Upper

50 100

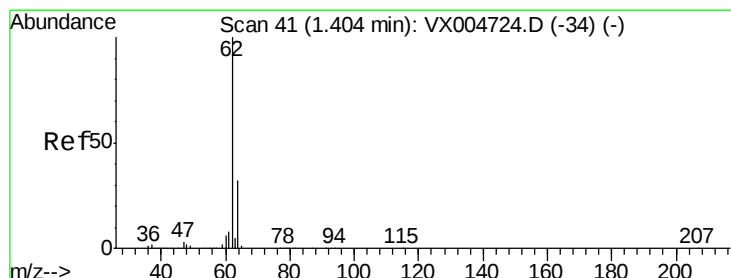
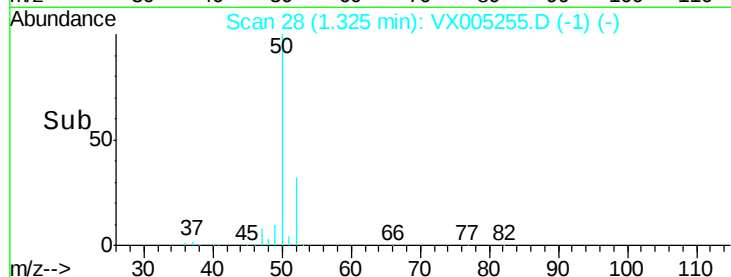
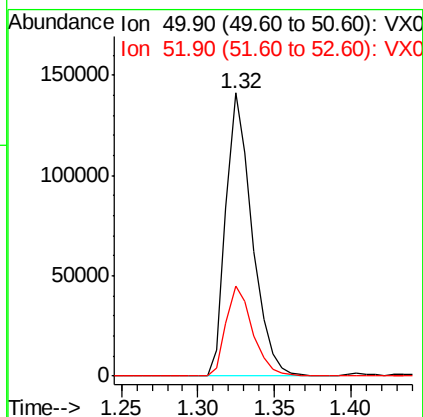
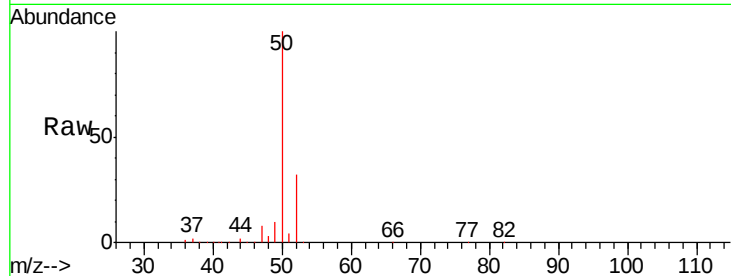
52 31.9 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.72 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005255.D

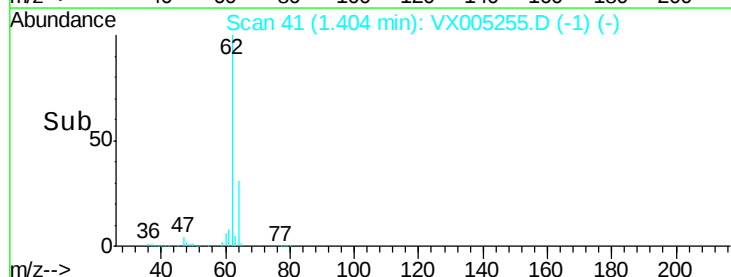
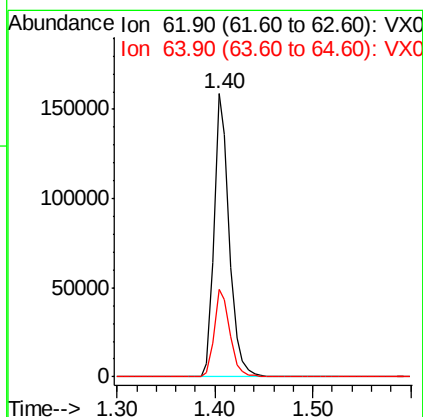
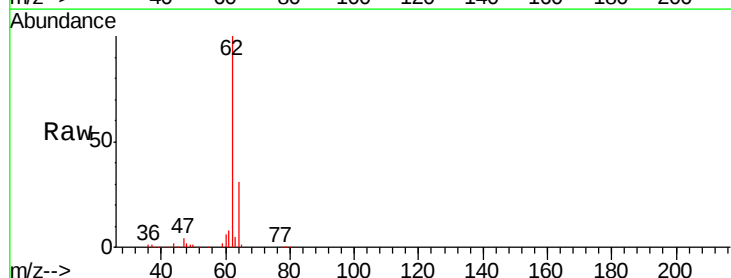
Acq: 11 Oct 2018 15:45

Tgt Ion: 62 Resp: 171507

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 40.88 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 85324

Ion Ratio Lower Upper

94 100

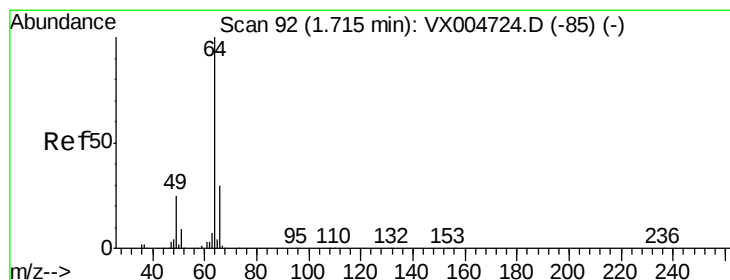
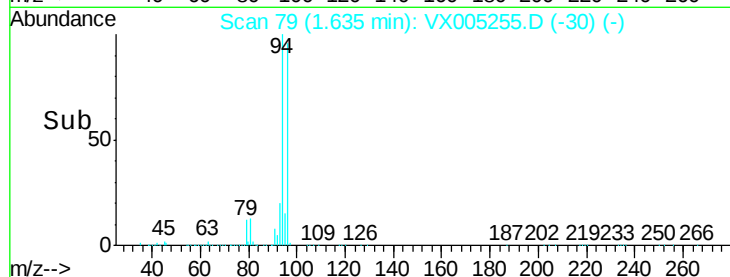
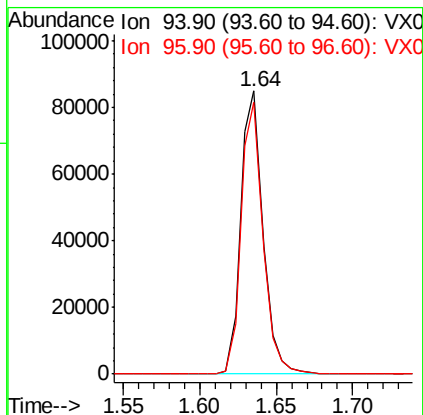
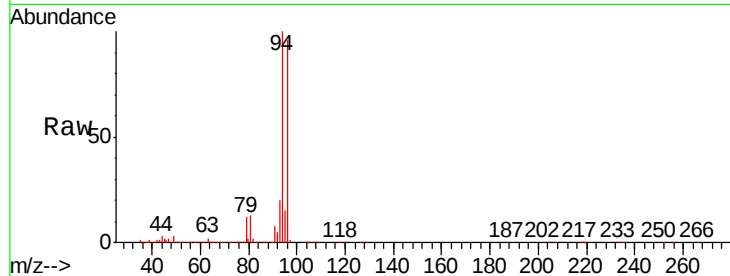
96 96.3 79.5 119.3

Manual Integrations

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#6

Chloroethane

Concen: 54.15 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005255.D

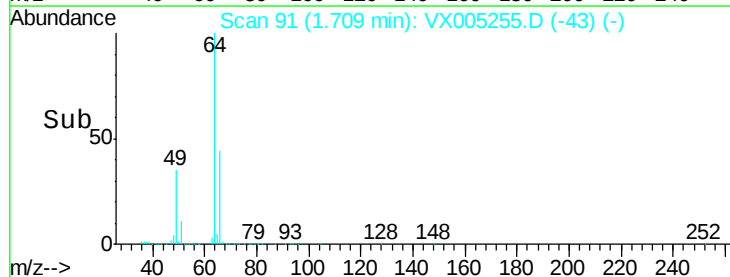
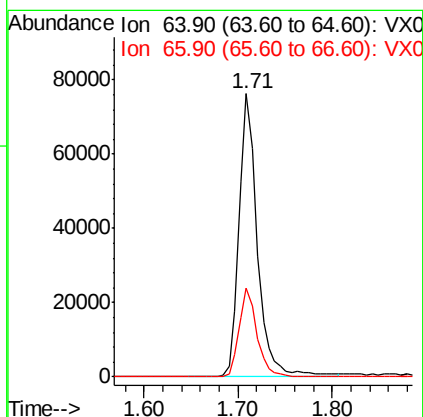
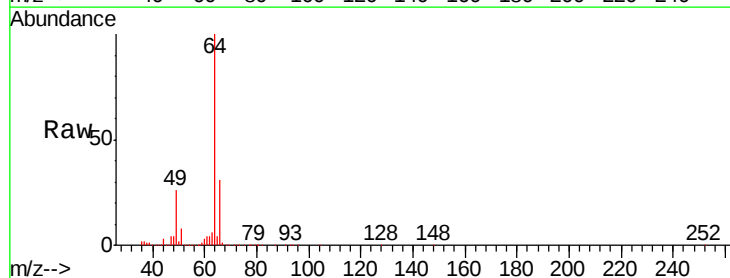
Acq: 11 Oct 2018 15:45

Tgt Ion: 64 Resp: 103517

Ion Ratio Lower Upper

64 100

66 31.4 23.8 35.6





#7

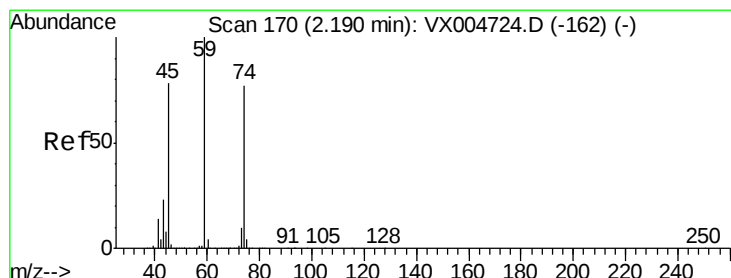
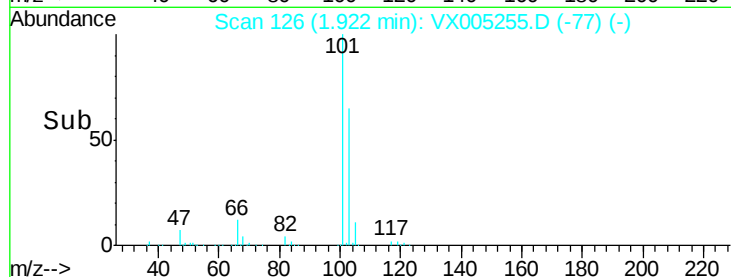
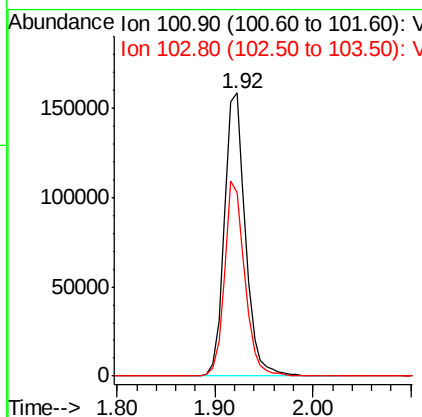
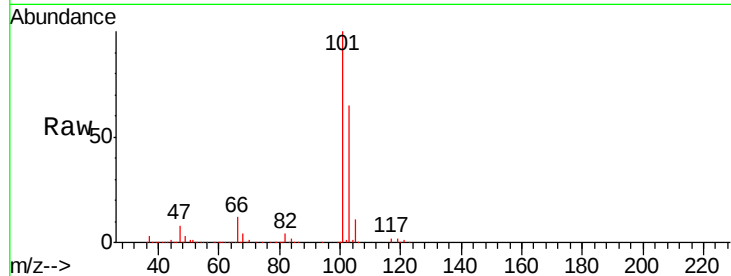
Trichlorofluoromethane
Concen: 53.94 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
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VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.7	48.4	72.6

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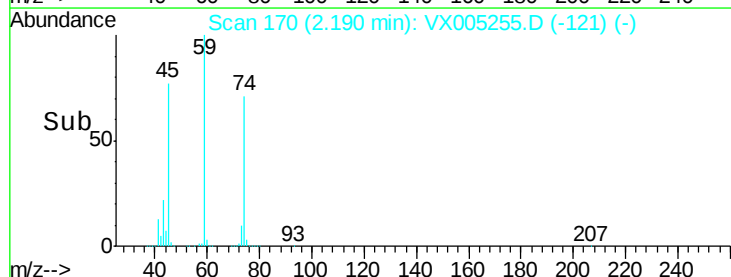
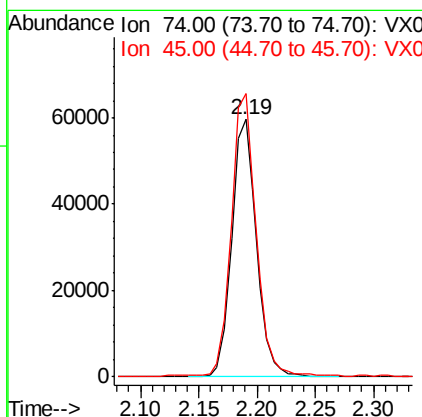
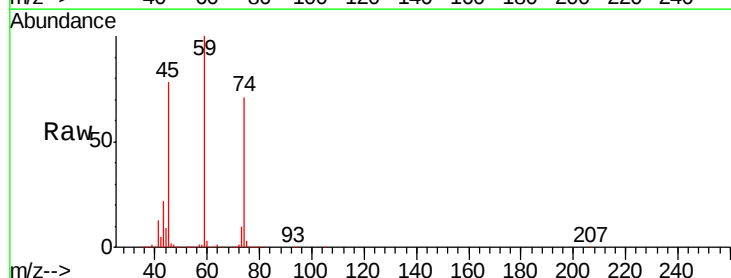
MMDadoda
10/12/2018 2:34:11 PM



#8

Diethyl Ether
Concen: 46.65 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.5	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.84 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

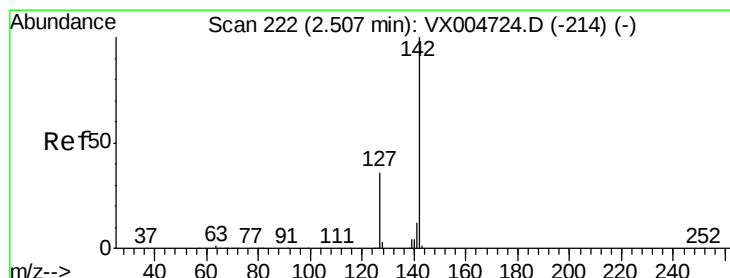
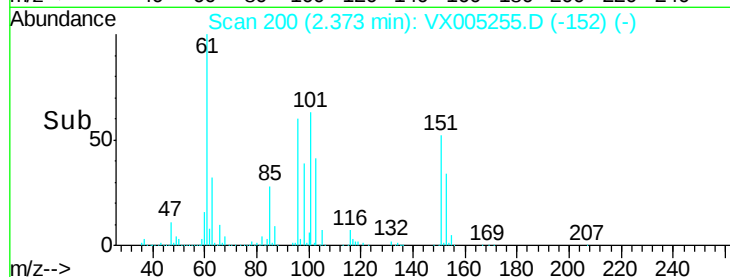
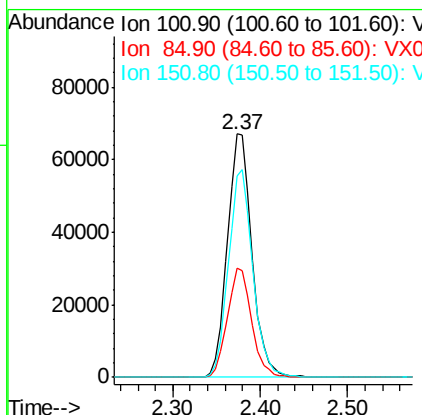
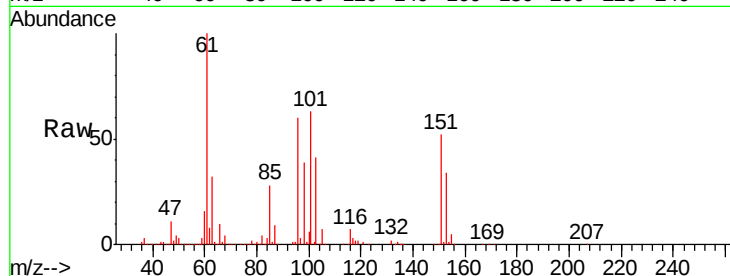
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	131176
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.9	53.9
151	84.7	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 36.85 ug/l

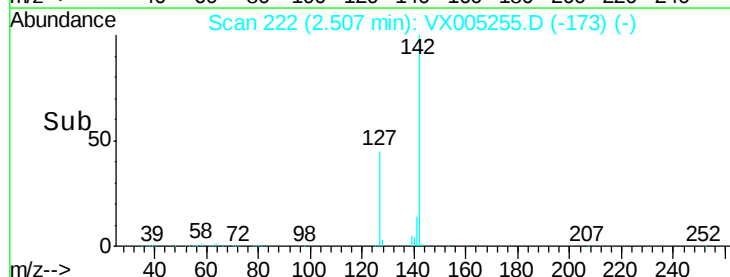
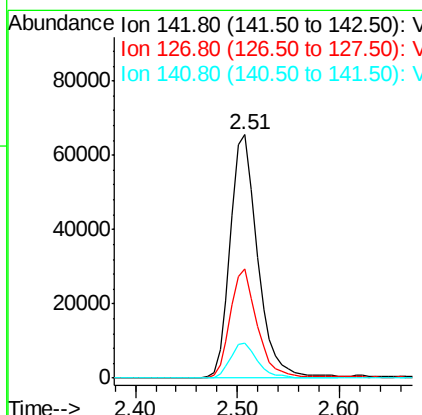
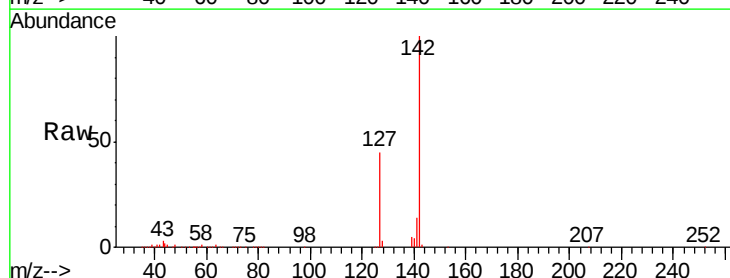
RT: 2.51 min Scan# 222

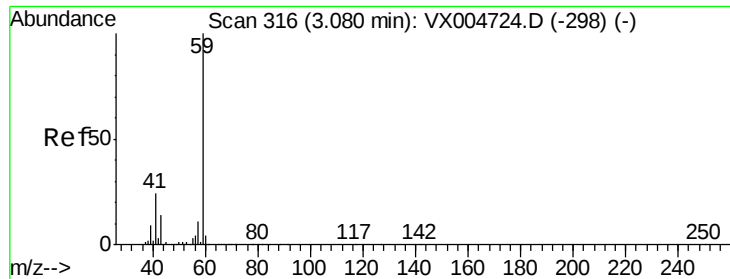
Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion:	142	Resp:	122397
Ion Ratio	Lower	Upper	
142	100		
127	44.0	30.1	45.1
141	14.3	10.1	15.1





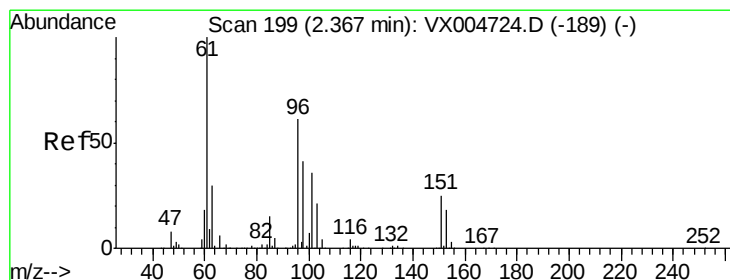
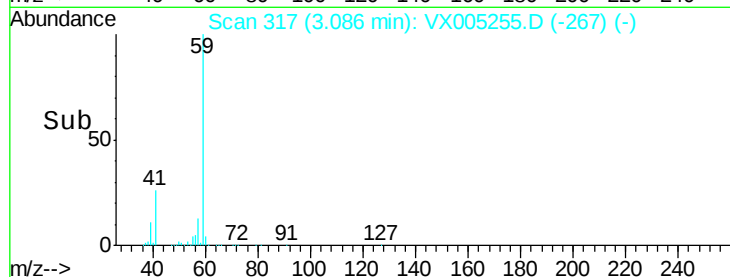
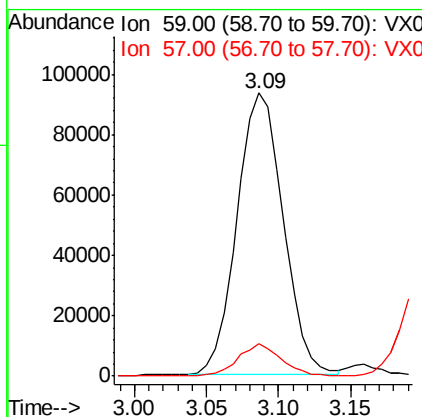
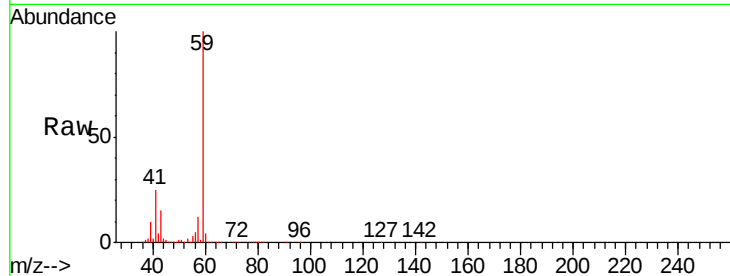
#11
Tert butyl alcohol
Concen: 229.10 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 207618
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

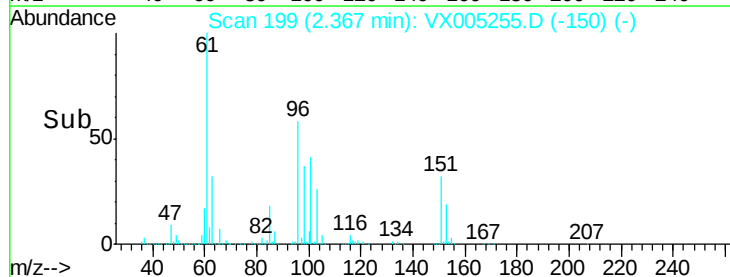
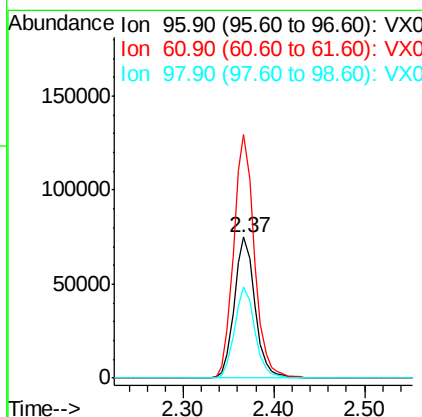
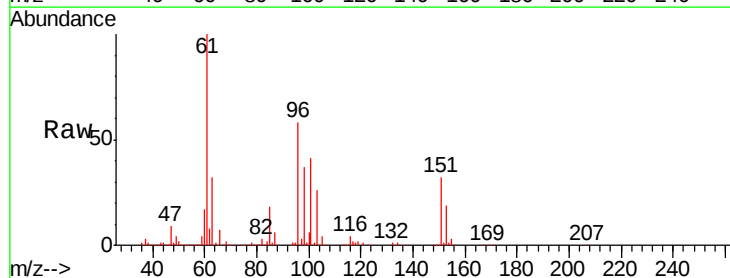
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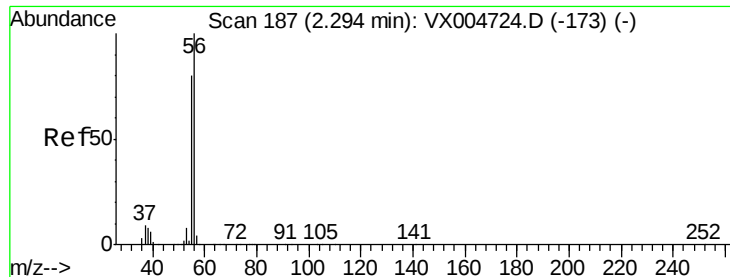
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.44 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 96 Resp: 119082
Ion Ratio Lower Upper
96 100
61 172.8 130.2 195.4
98 64.4 53.4 80.0





#13

Acrolein

Concen: 145.85 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 94042

Ion Ratio Lower Upper

56 100

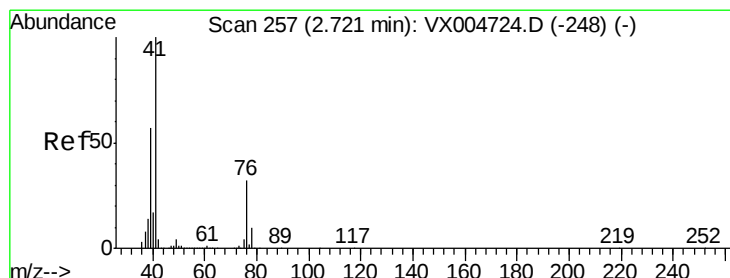
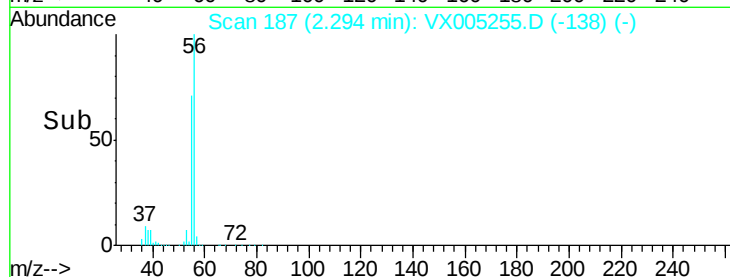
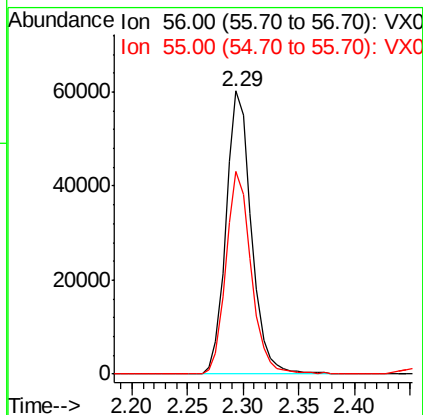
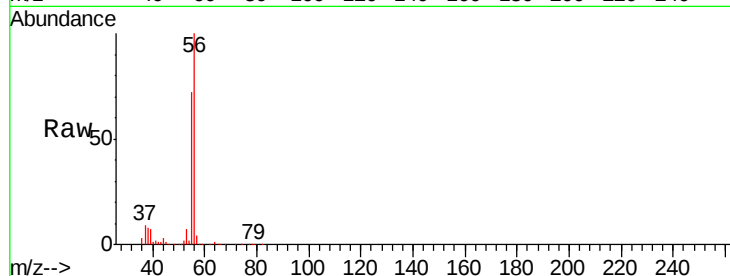
55 72.3 63.4 95.2

Manual Integrations

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MMDadoda

10/12/2018 2:34:11 PM



#14

Allyl chloride

Concen: 50.16 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

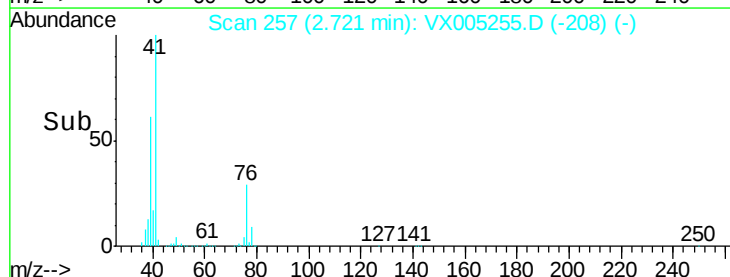
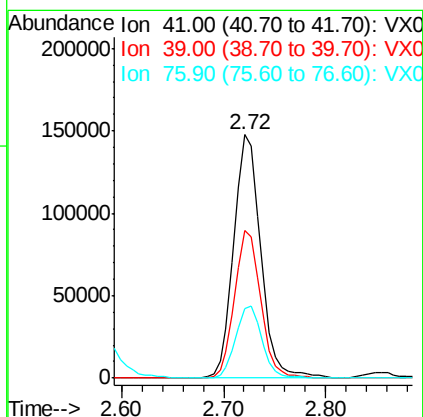
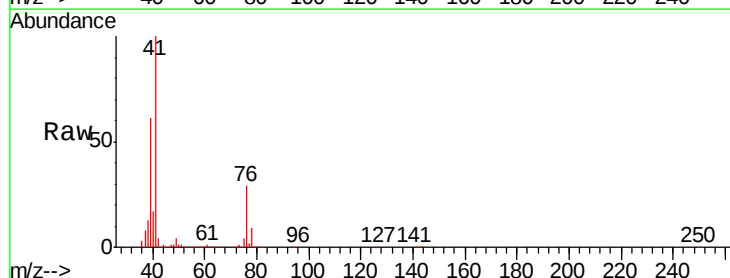
Tgt Ion: 41 Resp: 269079

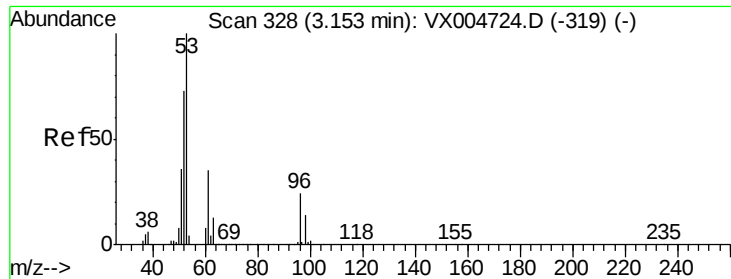
Ion Ratio Lower Upper

41 100

39 58.9 44.1 66.1

76 28.9 25.0 37.4





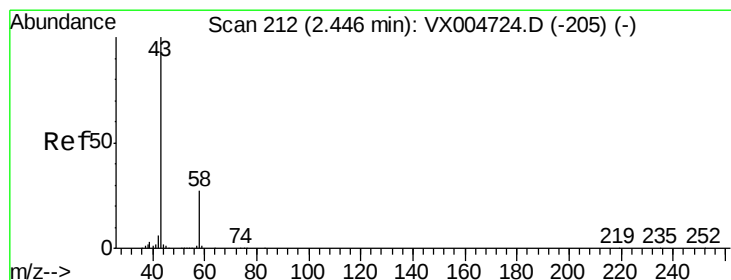
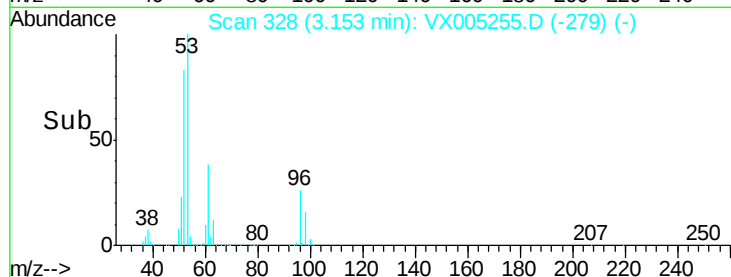
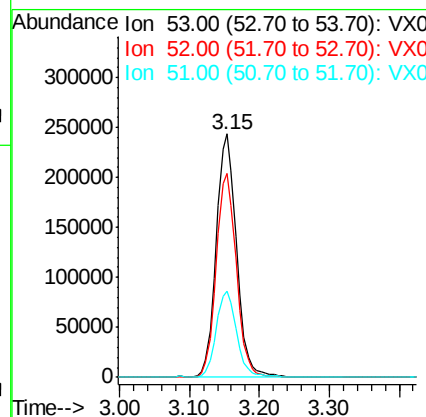
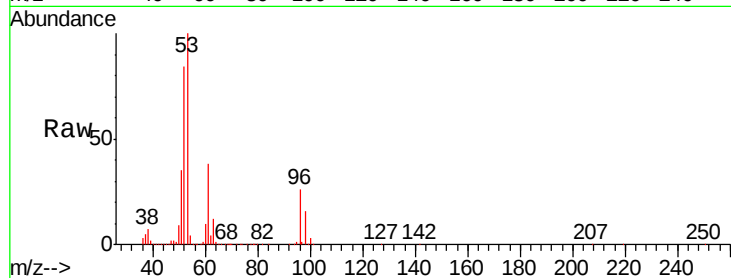
#15
Acrylonitrile
Concen: 245.60 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.0	63.0	94.4
51	35.8	28.6	42.8

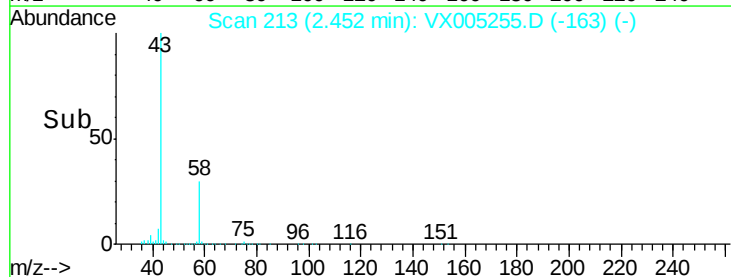
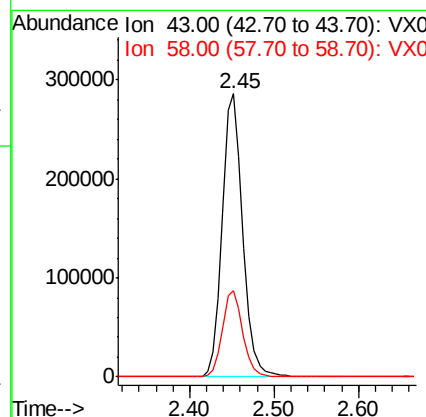
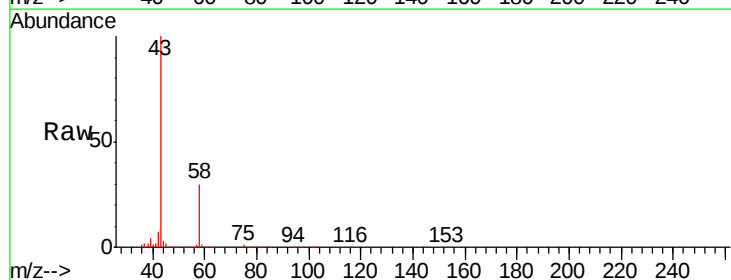
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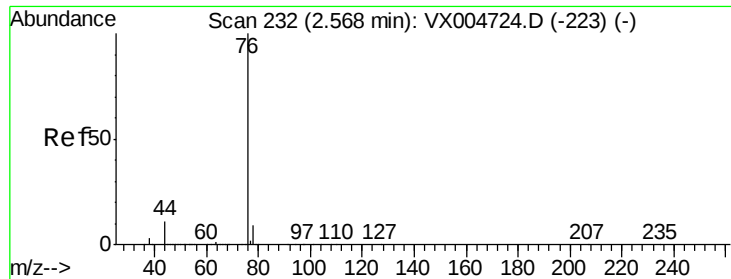
MMDadoda
10/12/2018 2:34:11 PM



#16
Acetone
Concen: 253.62 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.3	21.8	32.6





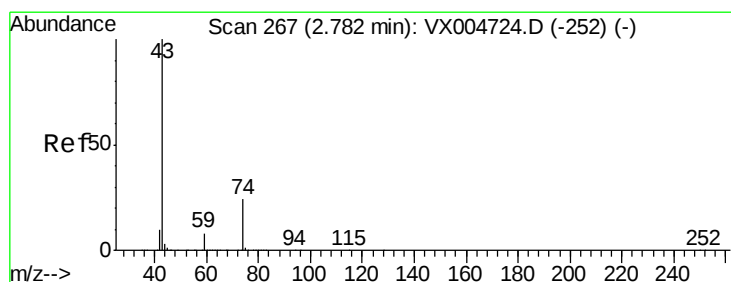
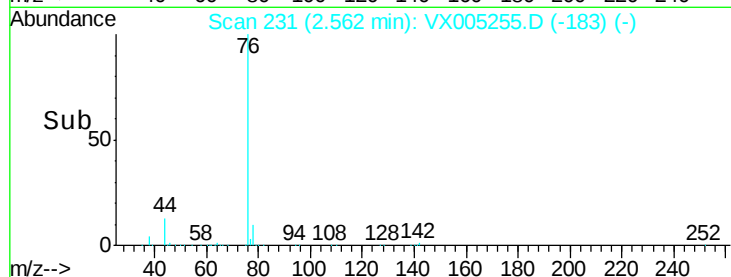
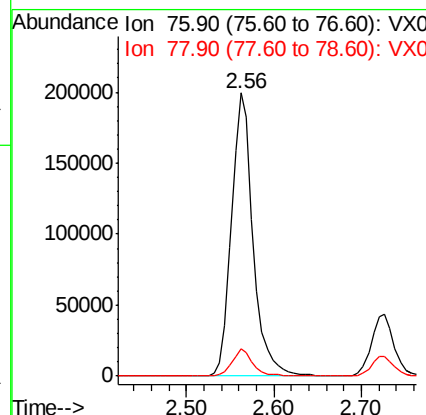
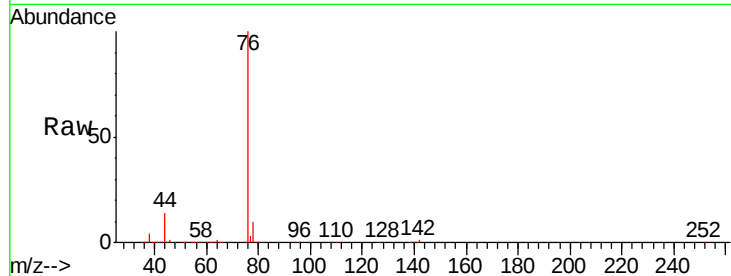
#17
Carbon Disulfide
Concen: 46.17 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.0	10.6

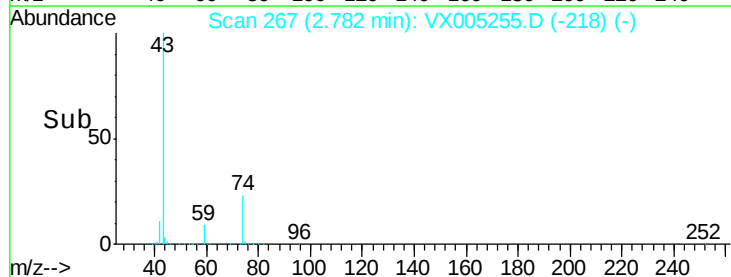
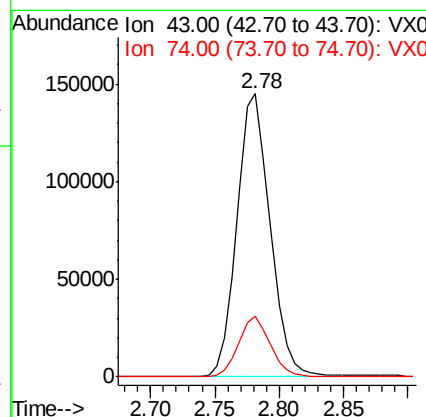
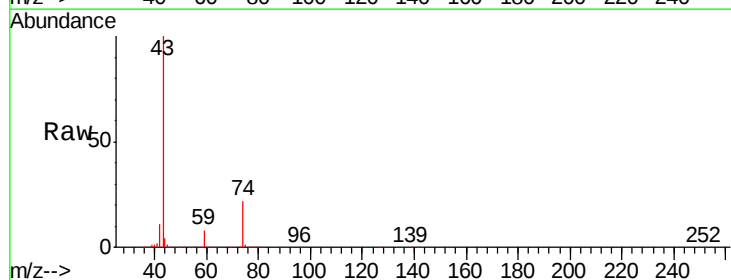
Manual Integrations
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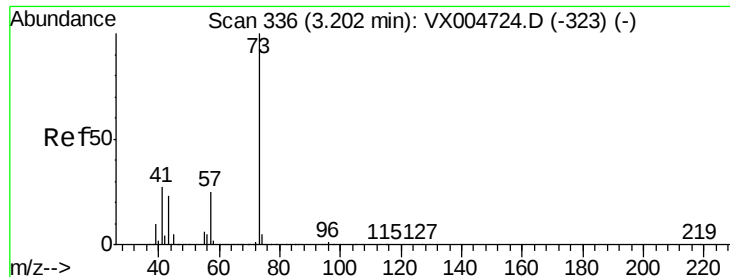
MMDadoda
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#18
Methyl Acetate
Concen: 54.02 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	17.8	26.8





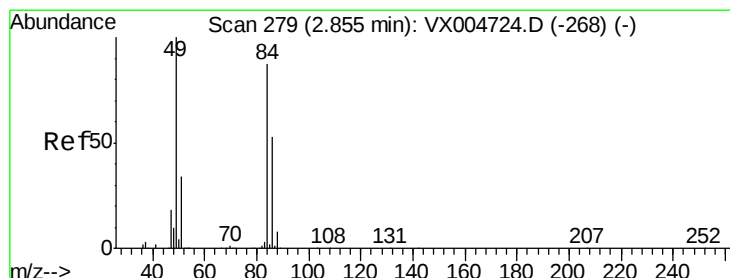
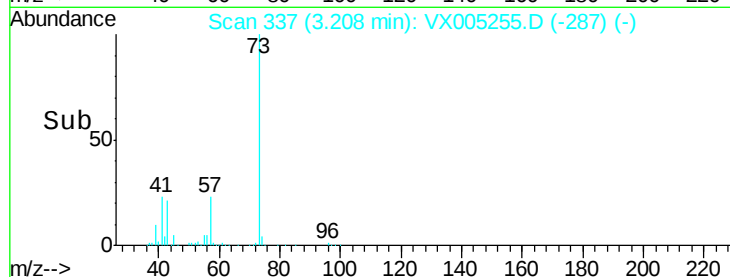
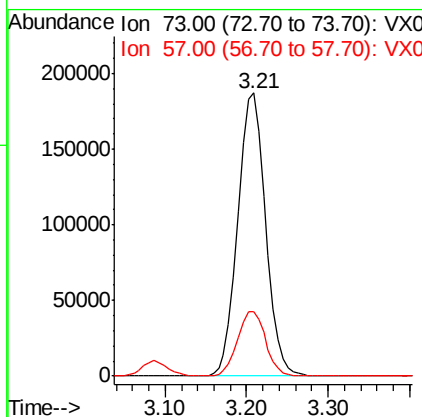
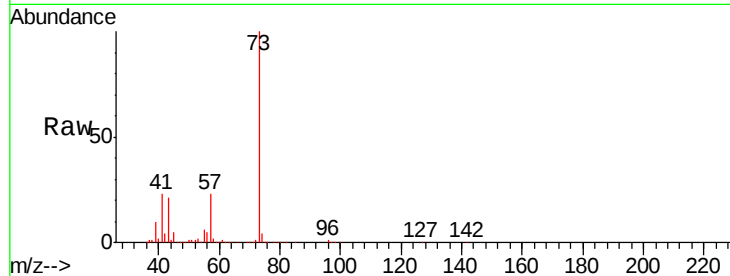
#19
Methyl tert-butyl Ether
Concen: 52.08 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 441583
Ion Ratio Lower Upper
73 100
57 22.9 19.9 29.9

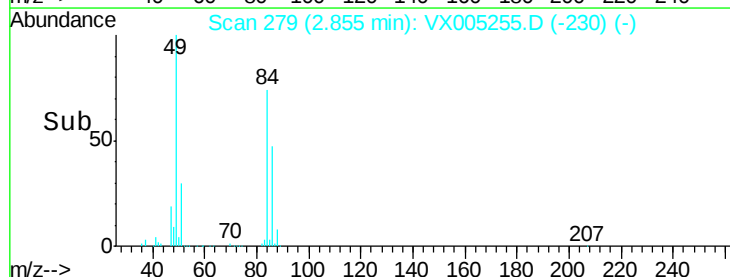
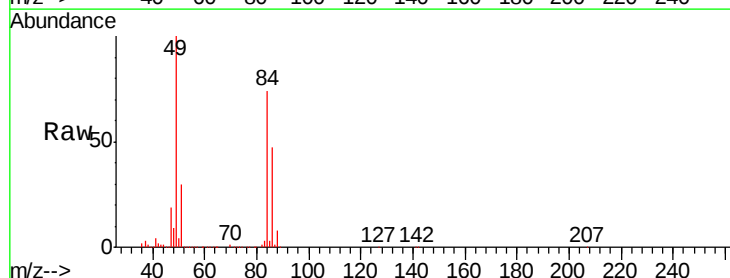
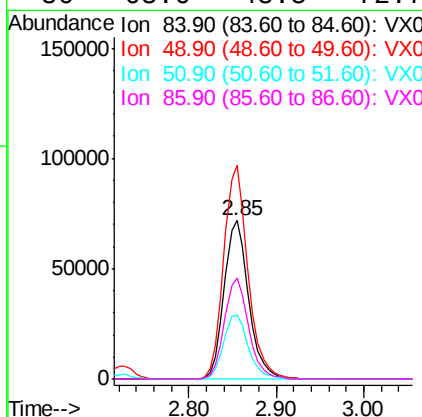
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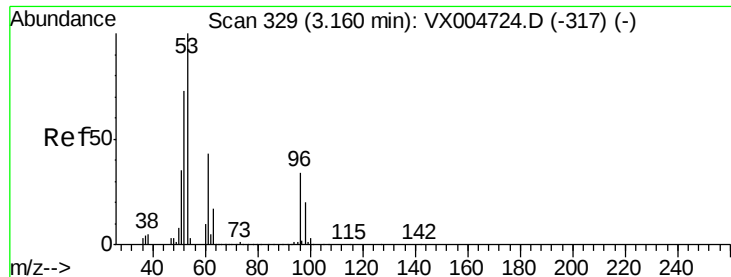
MMDadoda
10/12/2018 2:34:11 PM



#20
Methylene Chloride
Concen: 50.56 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 84 Resp: 139073
Ion Ratio Lower Upper
84 100
49 134.5 92.3 138.5
51 40.3 31.8 47.6
86 63.6 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 48.42 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

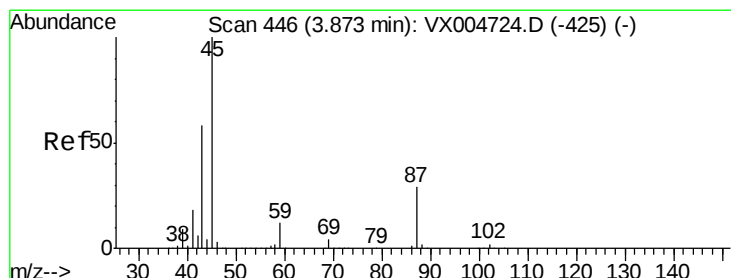
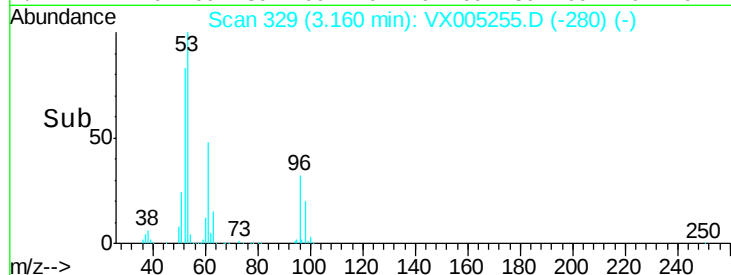
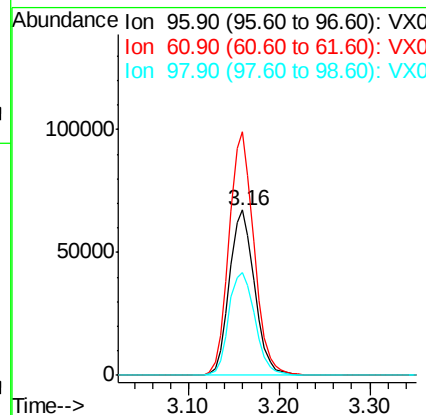
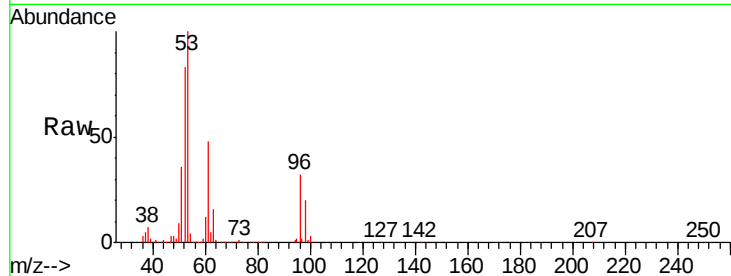
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	130303
Ion	Ratio	Lower	Upper
96	100		
61	147.1	101.0	151.6
98	62.5	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.64 ug/l

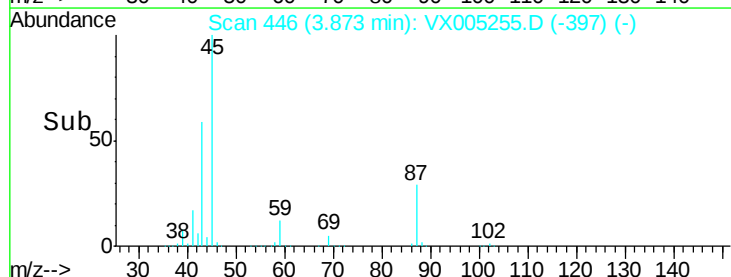
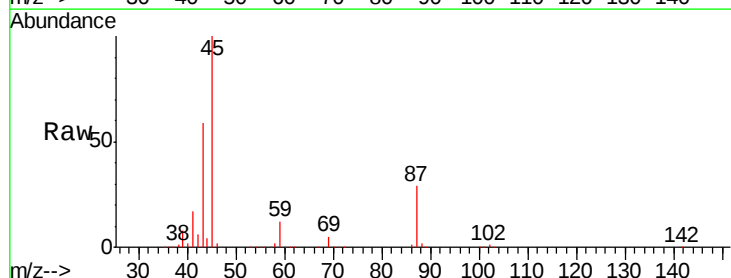
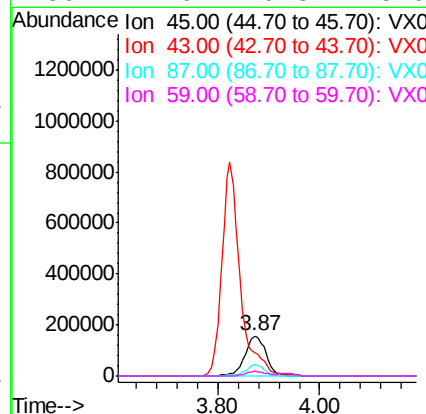
RT: 3.87 min Scan# 446

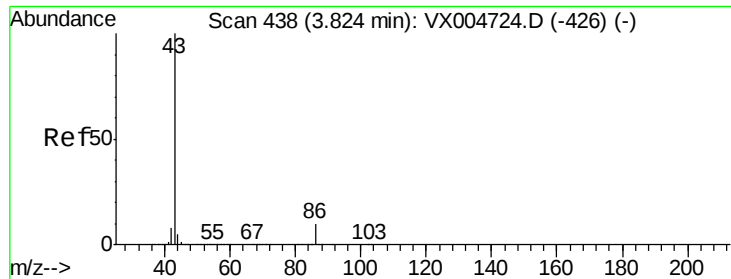
Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion:	45	Resp:	448400
Ion	Ratio	Lower	Upper
45	100		
43	58.9	46.7	70.1
87	28.8	22.9	34.3
59	11.6	9.3	13.9





#23

Vinyl Acetate

Concen: 253.57 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2096500

Ion Ratio Lower Upper

43 100

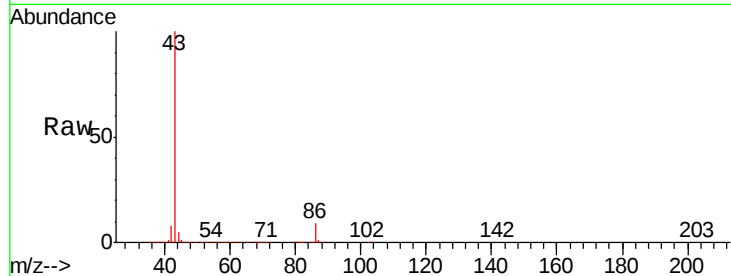
86 9.2 8.1 12.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

400000

200000

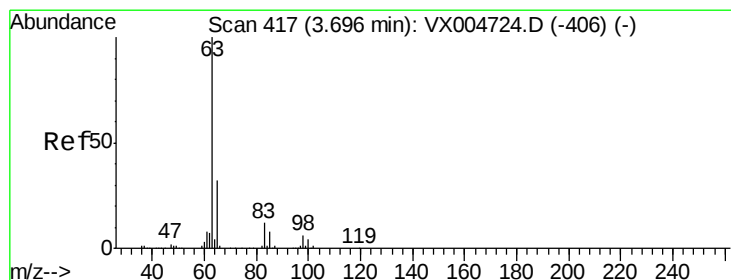
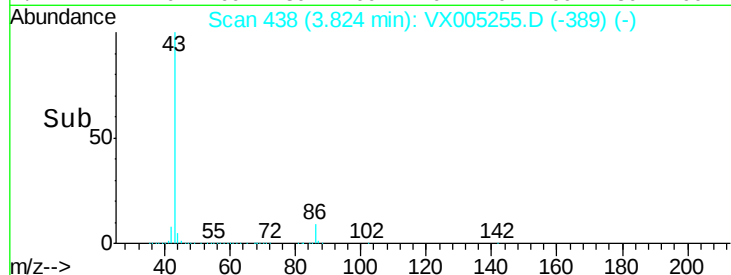
0

3.60

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.00 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

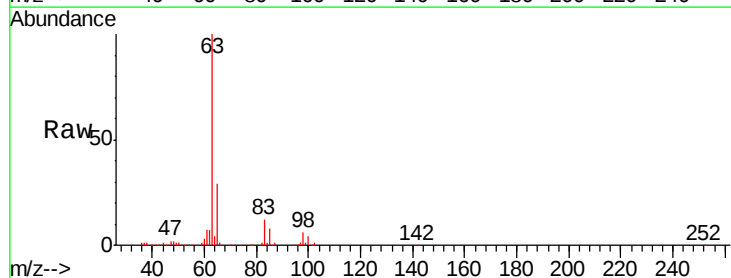
Tgt Ion: 63 Resp: 269392

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

100000

50000

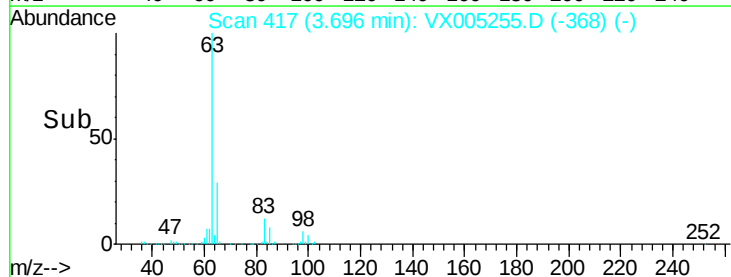
0

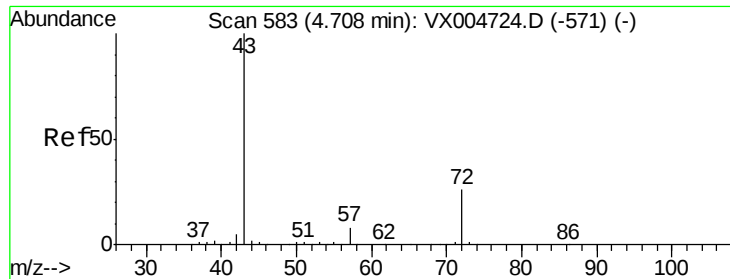
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 230.28 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 642277

Ion Ratio Lower Upper

43 100

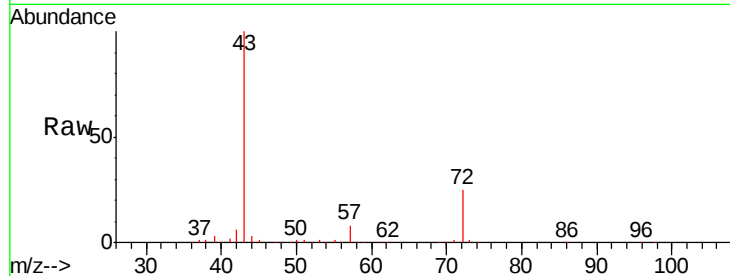
72 24.8 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

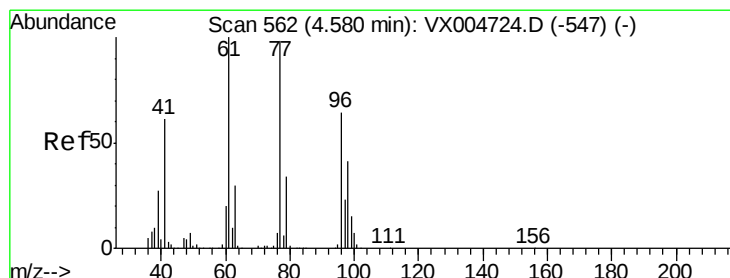
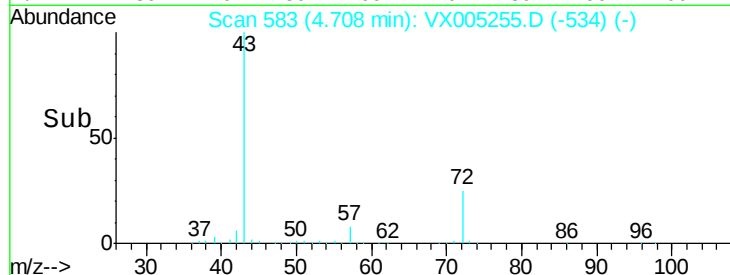
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.82 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005255.D

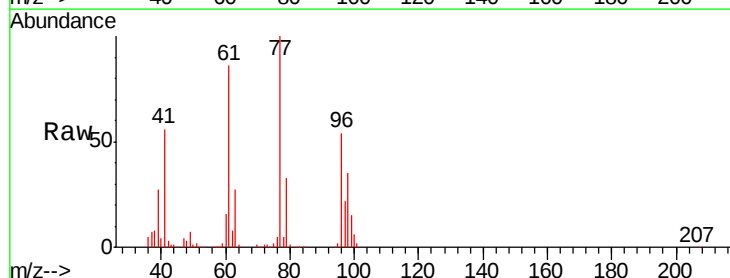
Acq: 11 Oct 2018 15:45

Tgt Ion: 77 Resp: 194429

Ion Ratio Lower Upper

77 100

97 23.0 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

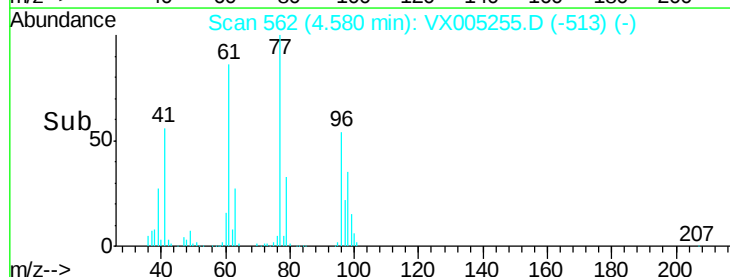
40000

20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 45.42 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

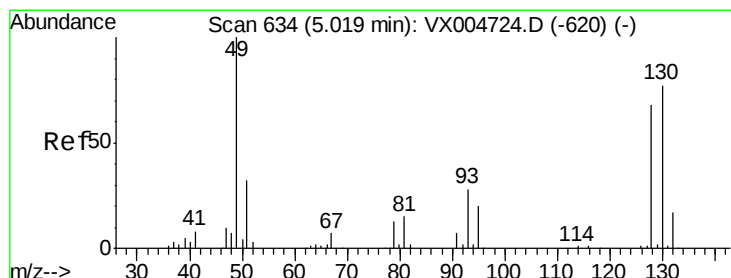
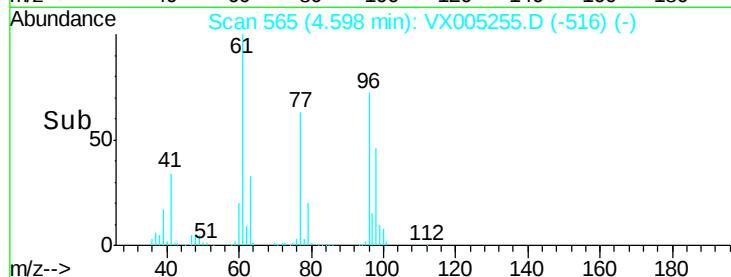
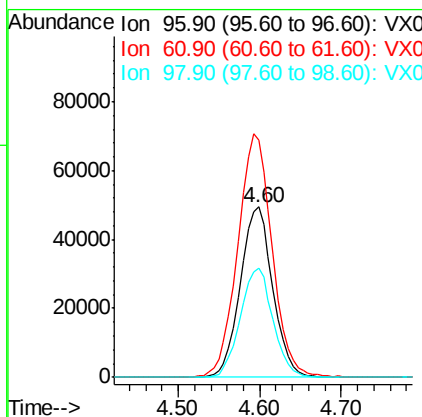
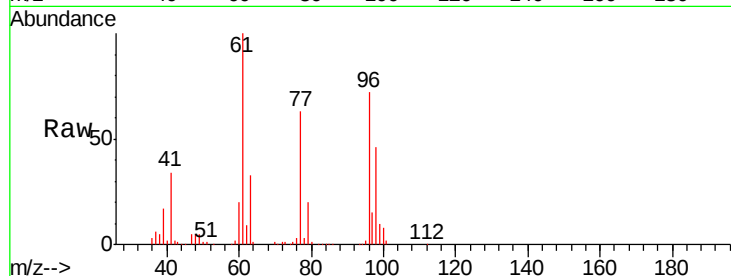
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	136555
Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	285.8
98	64.5	0.0	136.2

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#28

Bromochloromethane

Concen: 35.65 ug/l

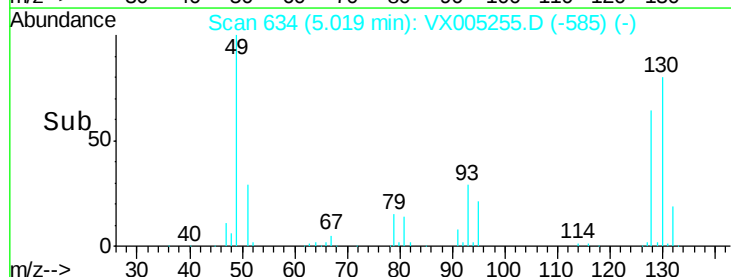
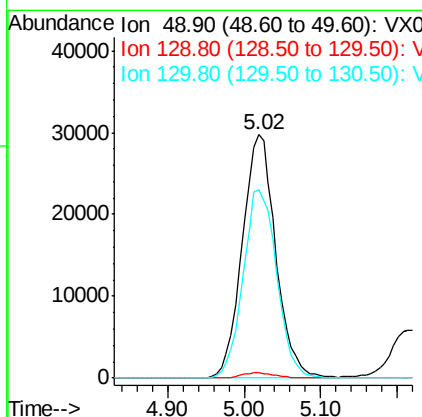
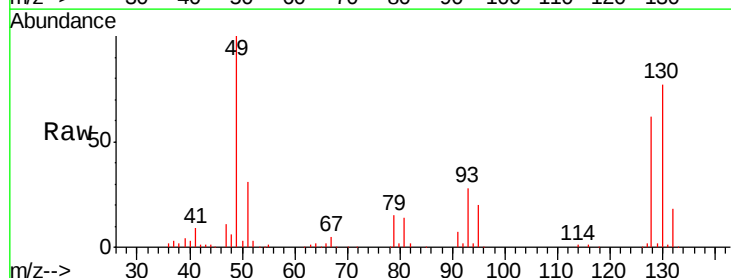
RT: 5.02 min Scan# 634

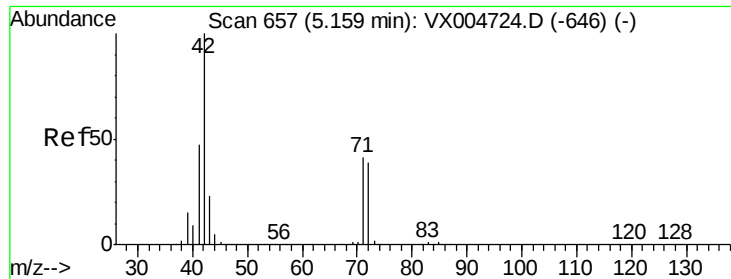
Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion:	49	Resp:	90451
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.7	62.0	93.0





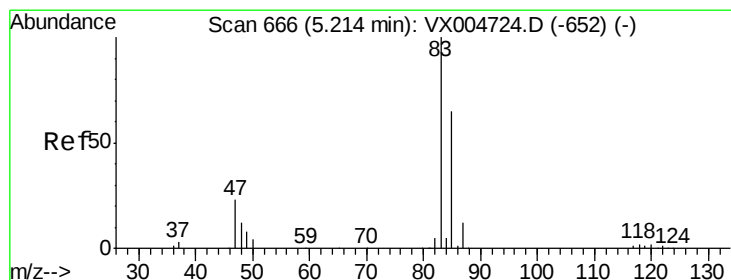
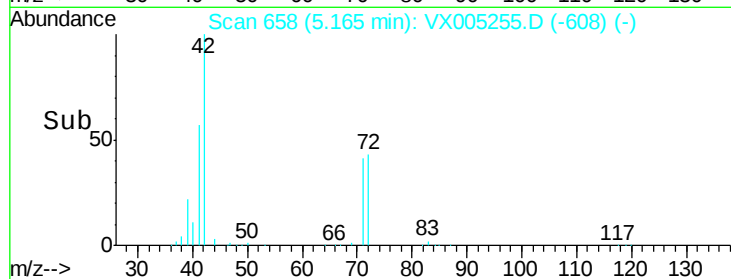
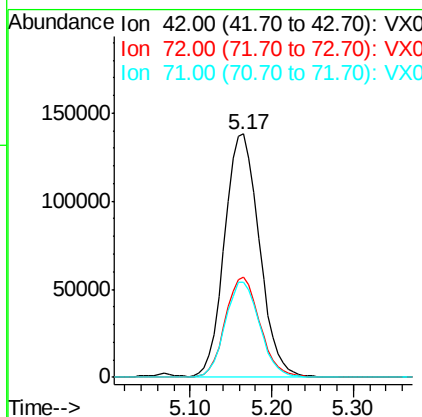
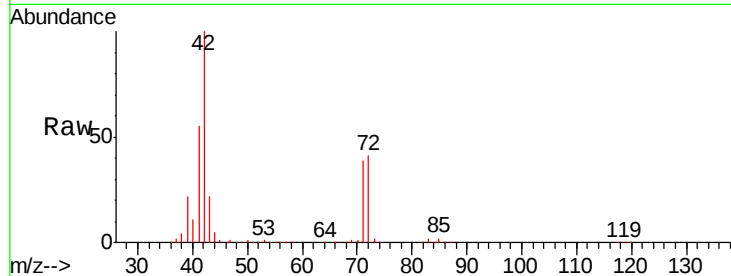
#29
Tetrahydrofuran
Concen: 234.96 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.7	50.5
71	38.9	32.2	48.4

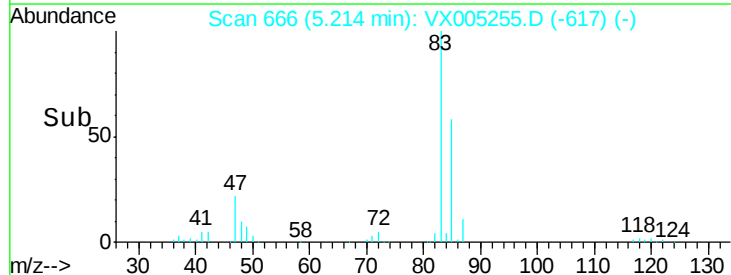
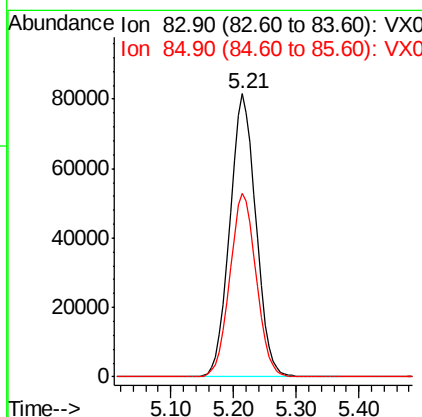
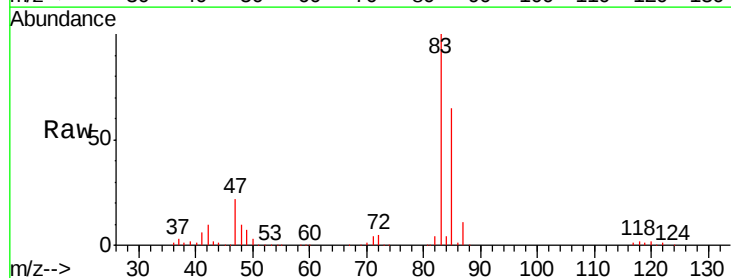
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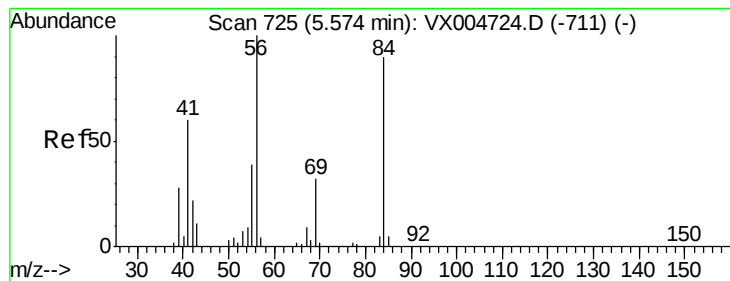
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#30
Chloroform
Concen: 46.05 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.4	78.6





#31

Cyclohexane

Concen: 49.77 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 205258

Ion Ratio Lower Upper

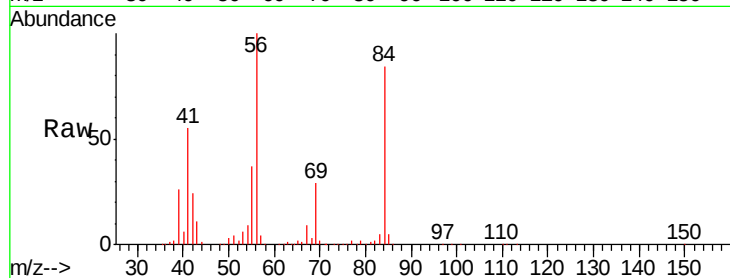
56 100

69 29.3 25.9 38.9

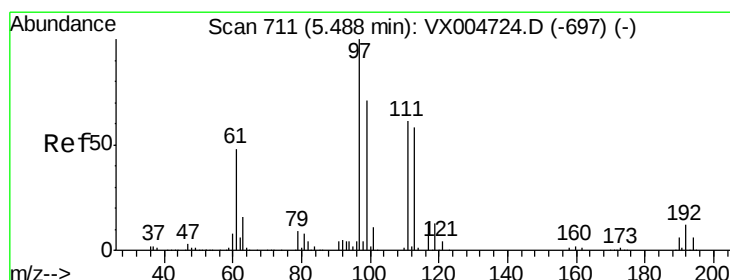
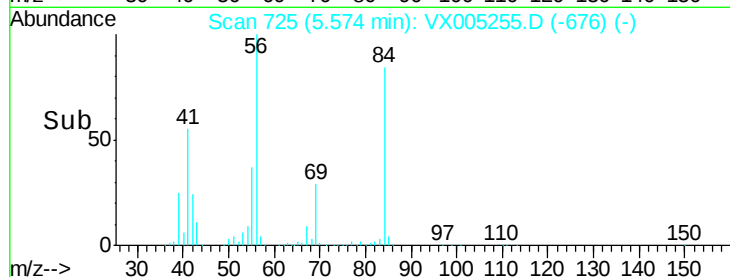
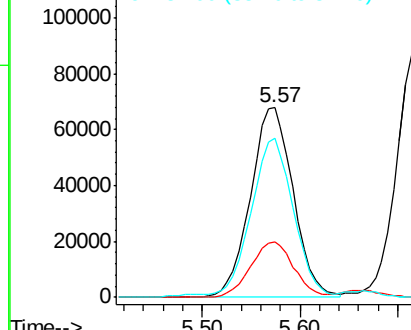
84 82.6 71.9 107.9

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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.22 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

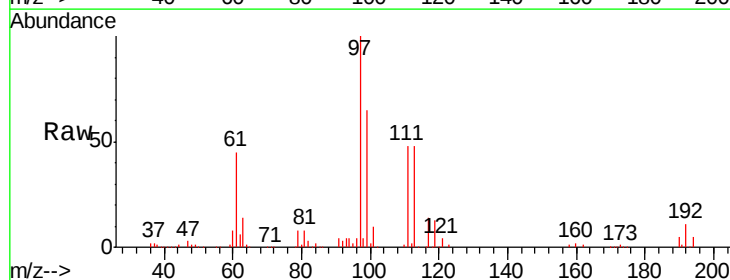
Tgt Ion: 97 Resp: 204691

Ion Ratio Lower Upper

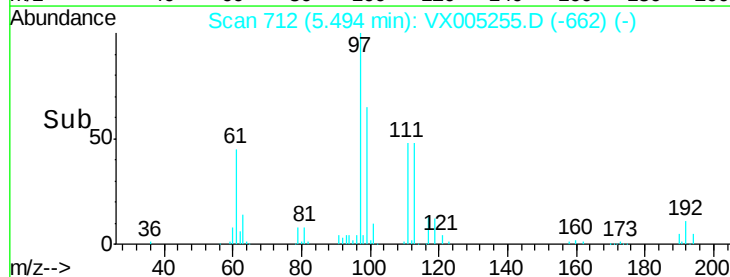
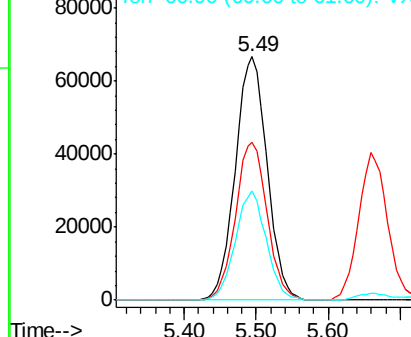
97 100

99 64.3 54.6 82.0

61 43.8 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





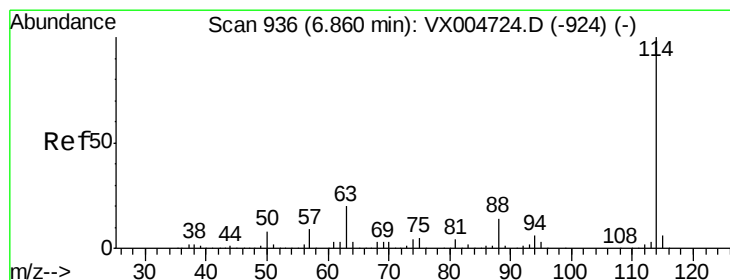
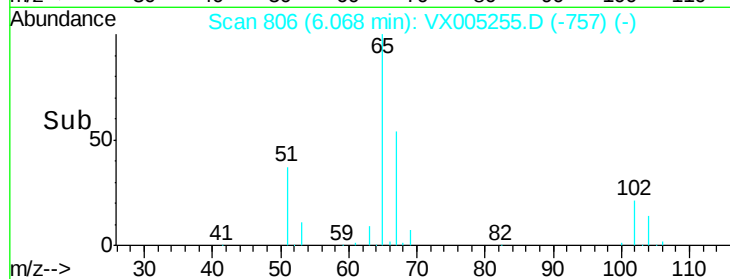
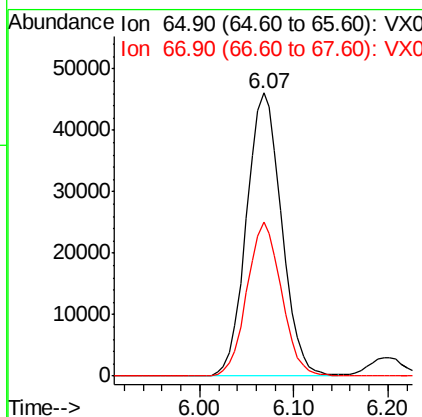
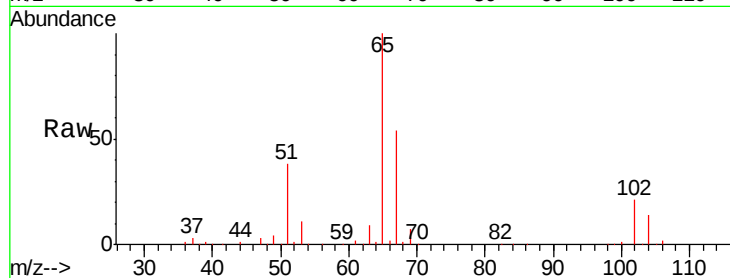
#33
 1,2-Dichloroethane-d4
 Concen: 37.31 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 120933
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4

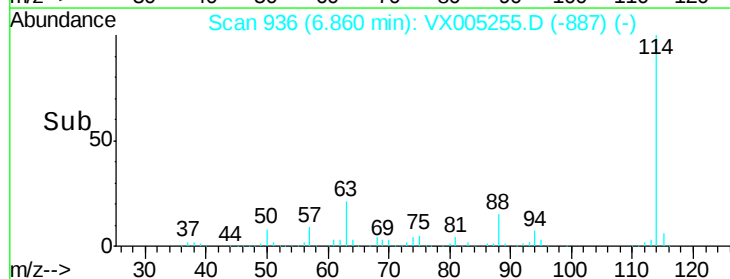
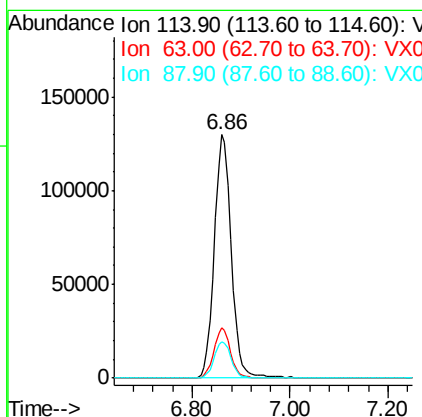
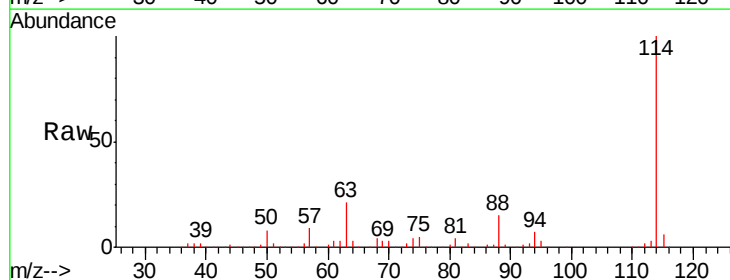
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Tgt Ion: 114 Resp: 313653
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.8
 88 15.1 0.0 27.0





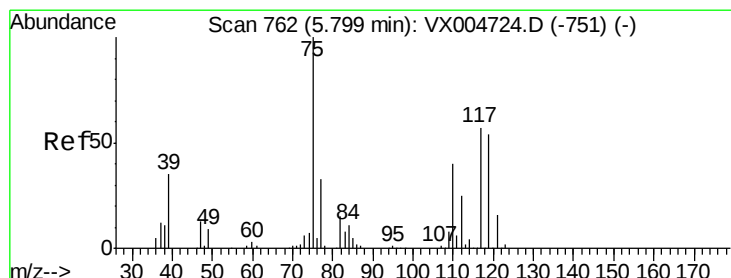
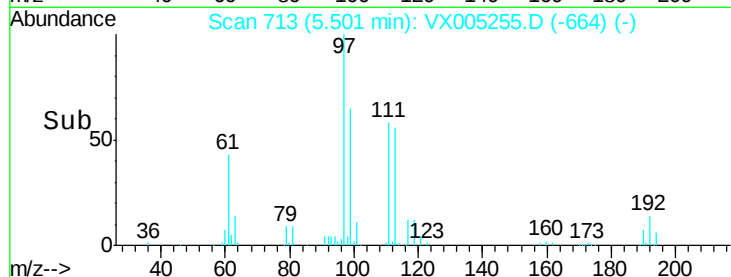
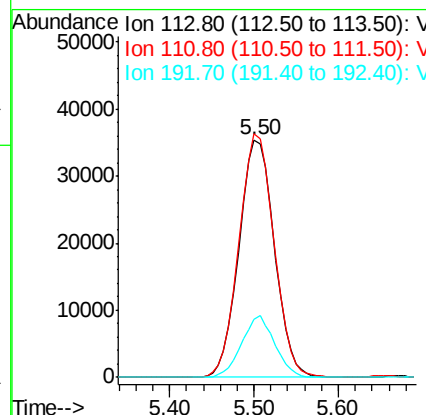
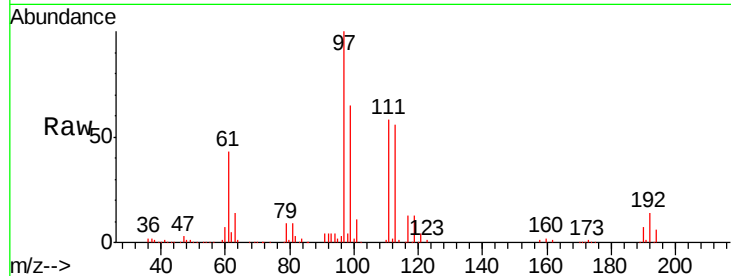
#35
 Dibromofluoromethane
 Concen: 37.91 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	100776		
111	101.5	77.0	115.4	
192	24.2	17.0	25.6	

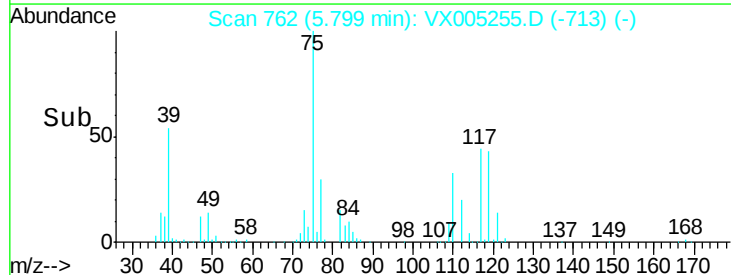
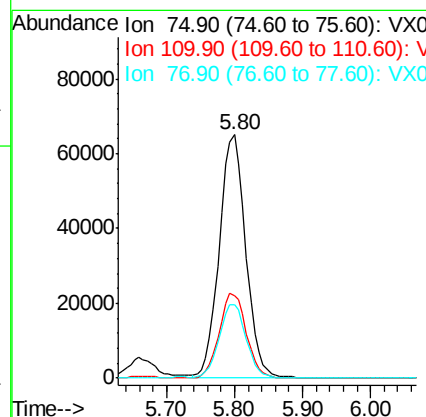
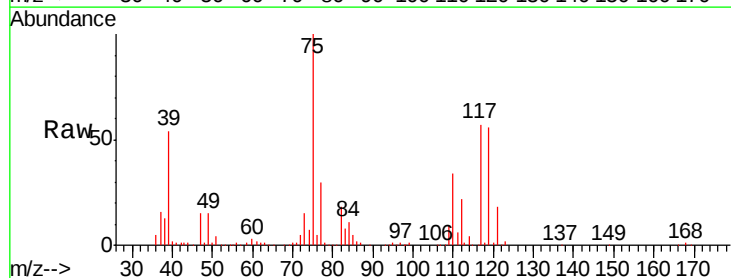
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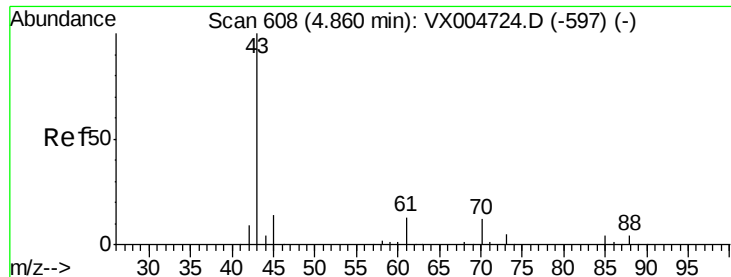
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#36
 1,1-Dichloropropene
 Concen: 48.41 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	175578		
110	35.8	20.0	59.9	
77	30.5	27.1	40.7	





#37

Ethyl Acetate

Concen: 47.27 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

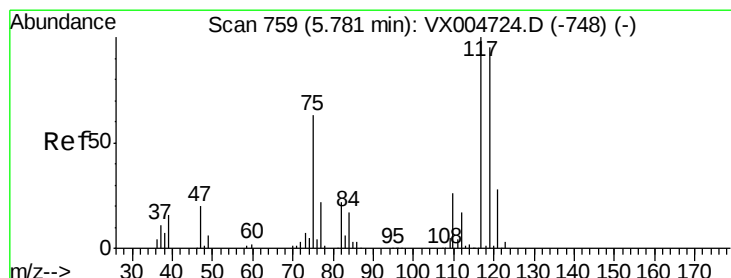
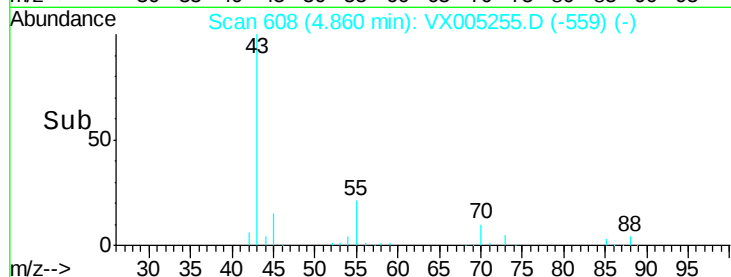
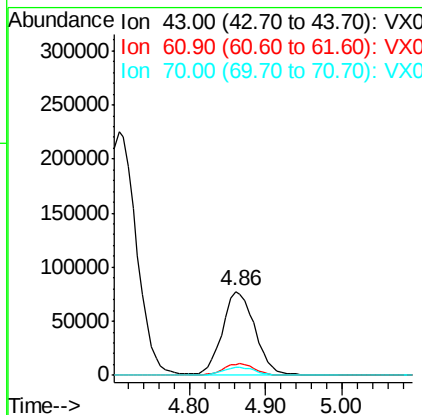
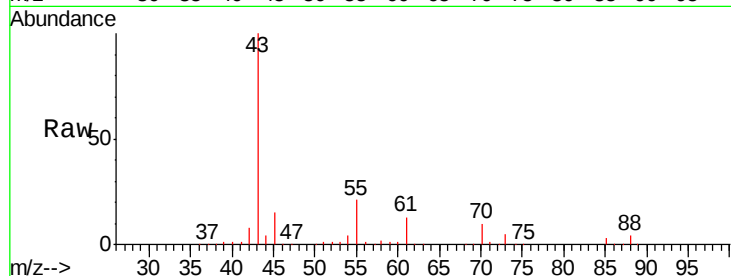
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	227592
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.4	15.6
70	10.1	8.7	13.1

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 47.61 ug/l

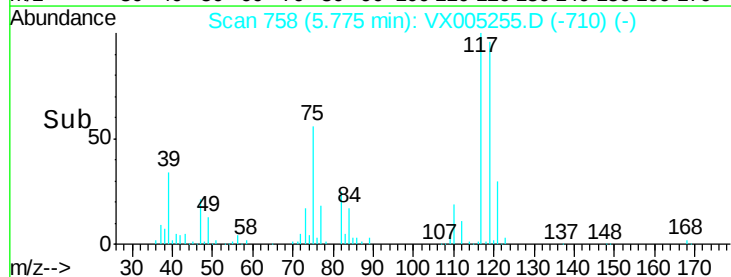
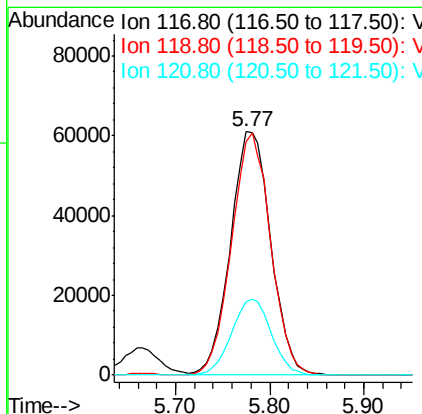
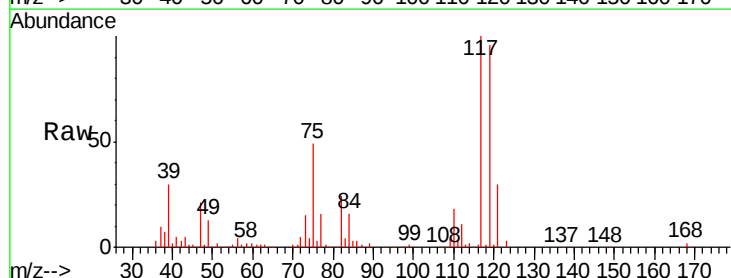
RT: 5.77 min Scan# 758

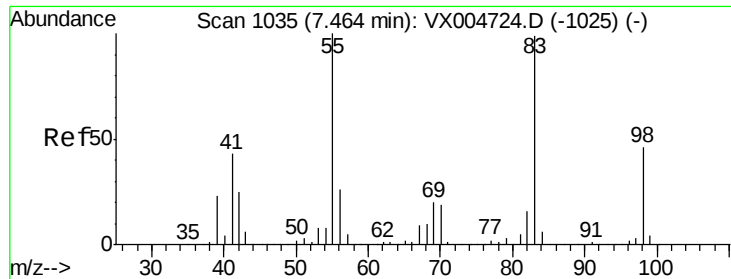
Delta R.T. -0.01 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion:	117	Resp:	181509
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.2	112.8
121	30.1	22.5	33.7





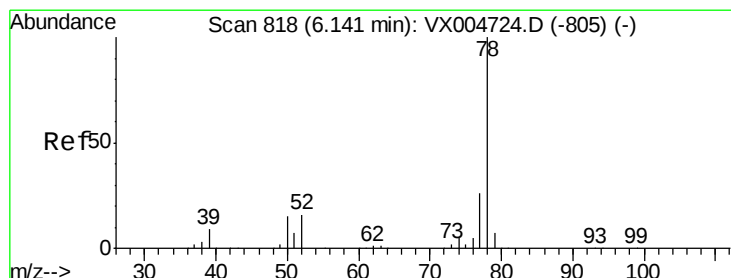
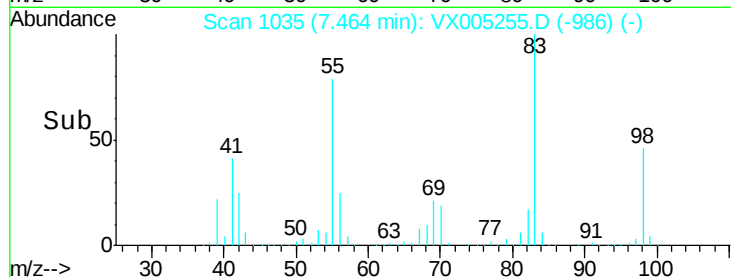
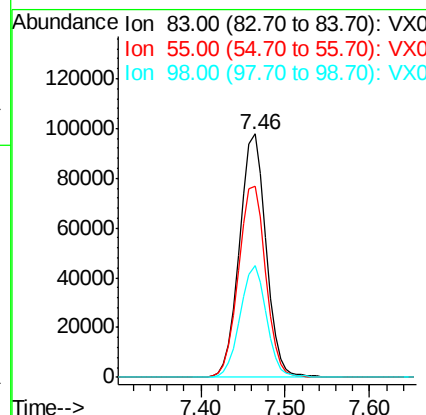
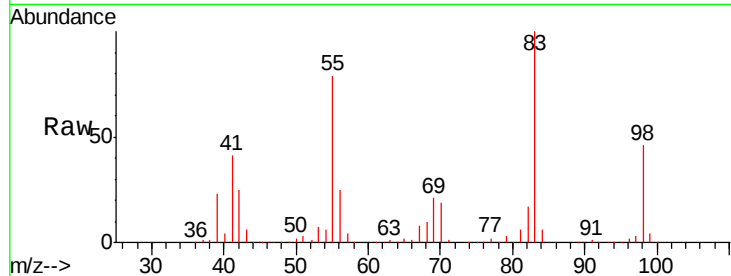
#39
Methylcyclohexane
Concen: 56.08 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	81.1	121.7#
98	46.0	37.3	55.9

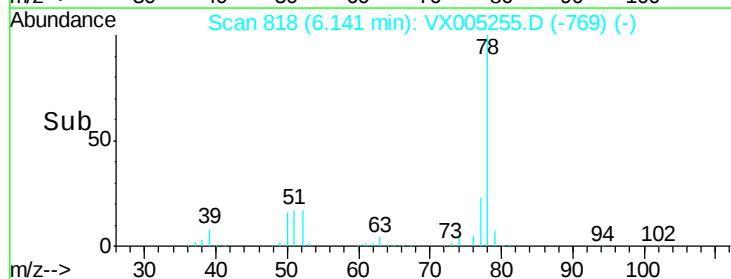
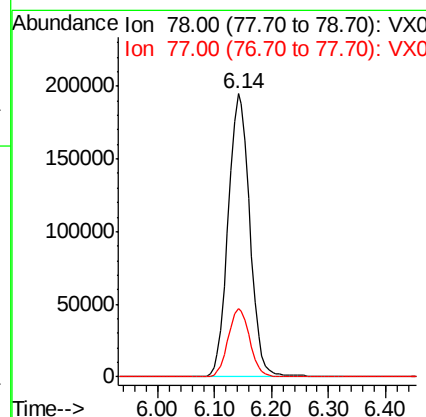
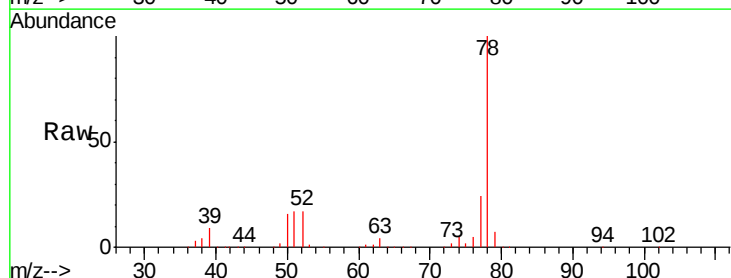
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#40
Benzene
Concen: 45.59 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	21.0	31.4





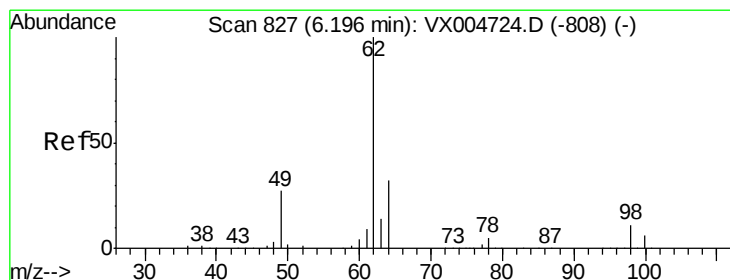
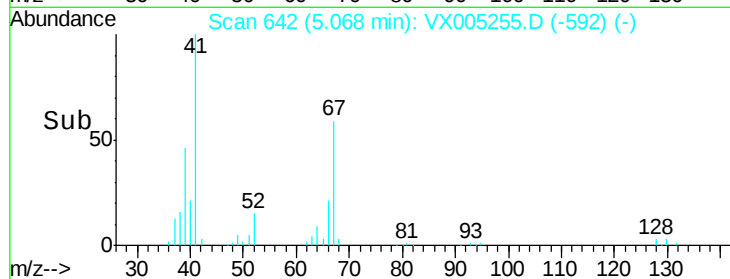
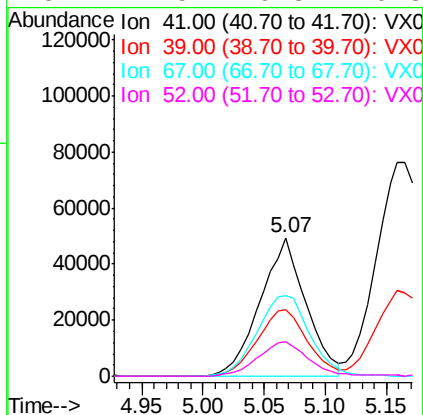
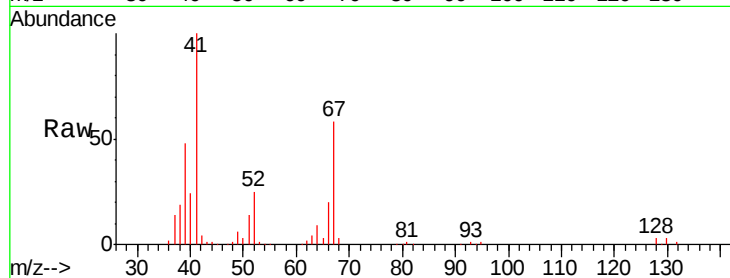
#41
Methacrylonitrile
Concen: 47.94 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.5	63.7
67	68.0	53.0	79.6
52	27.5	19.8	29.8

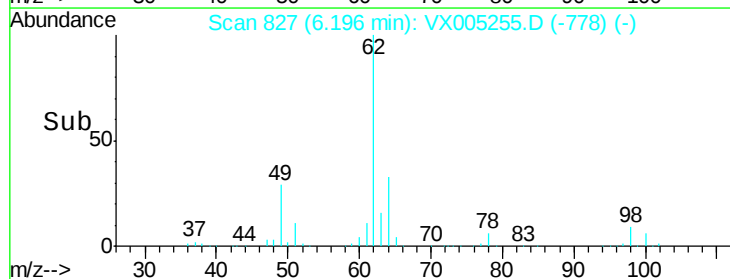
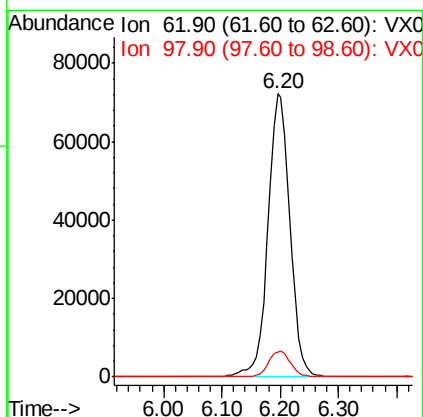
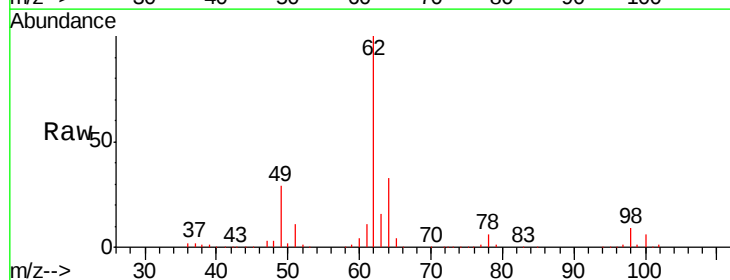
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#42
1,2-Dichloroethane
Concen: 47.08 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 47.75 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

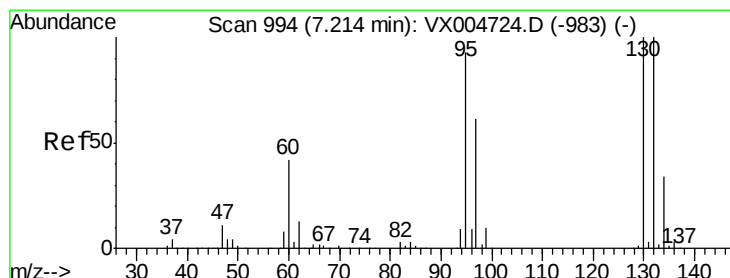
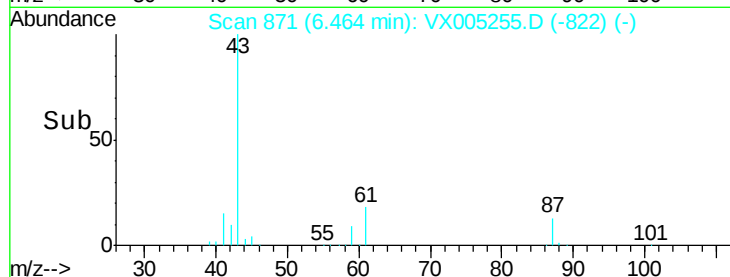
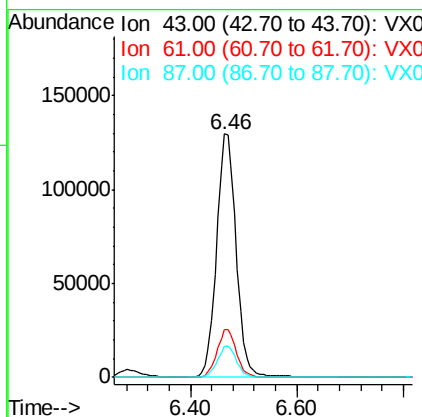
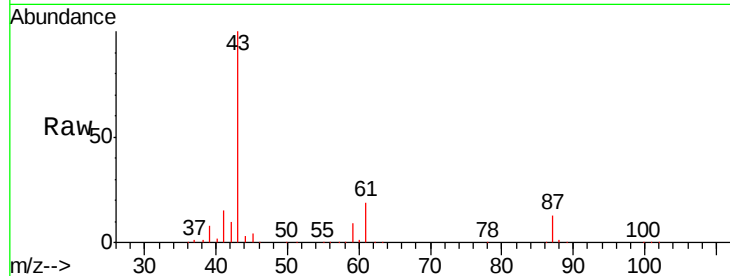
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	331770
Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.2	21.4
87	12.6	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 51.10 ug/l

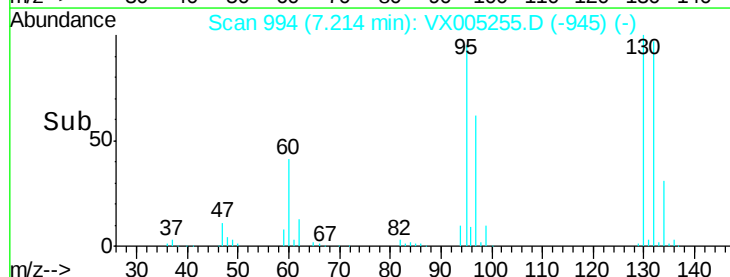
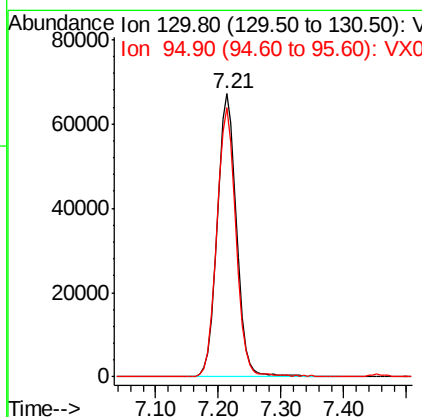
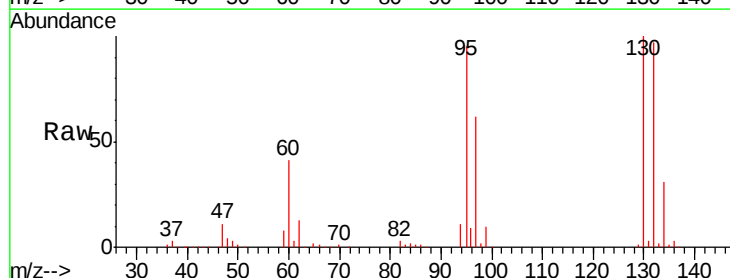
RT: 7.21 min Scan# 994

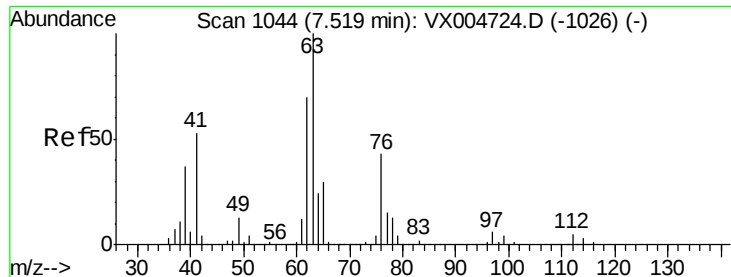
Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion:	130	Resp:	142644
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	186.8





#45

1,2-Dichloropropane

Concen: 49.75 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 138520

Ion Ratio Lower Upper

63 100

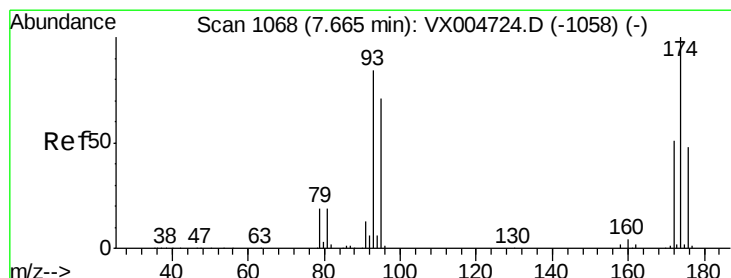
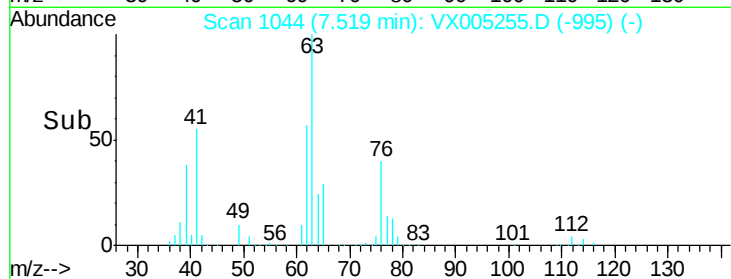
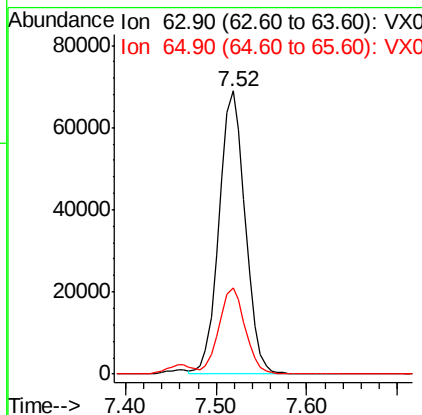
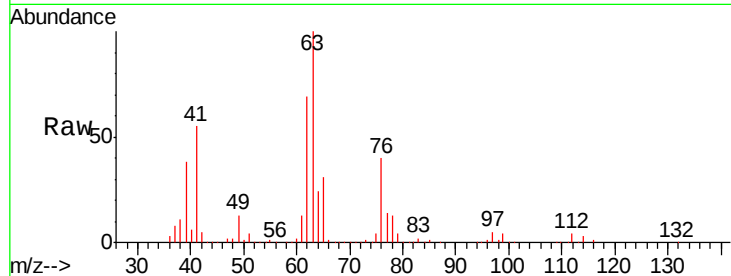
65 30.7 23.9 35.9

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#46

Dibromomethane

Concen: 52.08 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

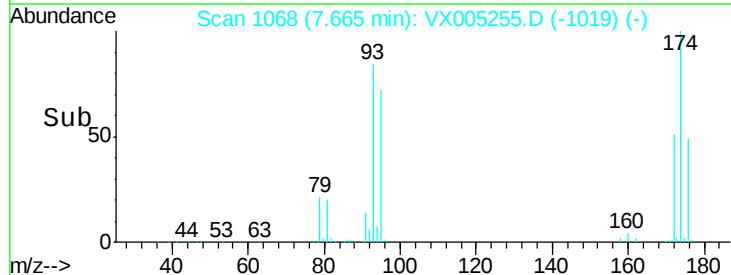
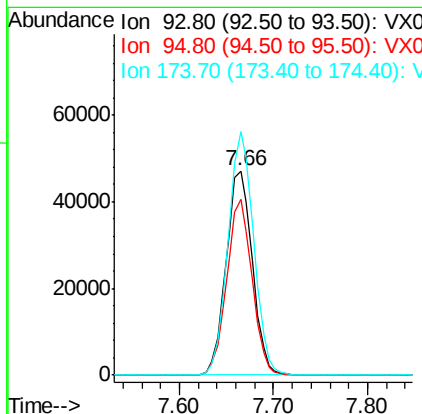
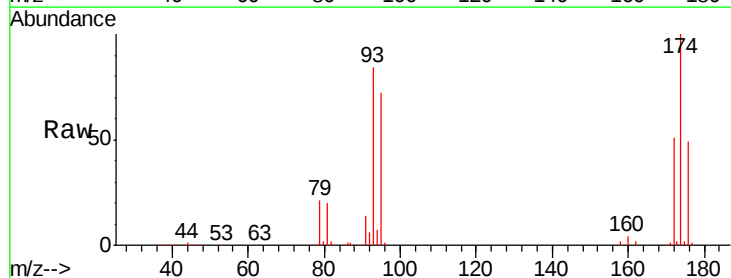
Tgt Ion: 93 Resp: 91134

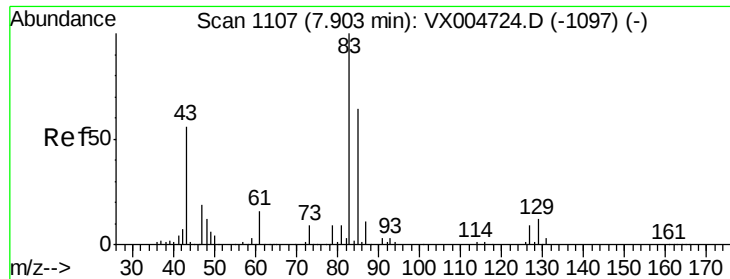
Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 116.7 92.7 139.1





#47

Bromodichloromethane

Concen: 54.35 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

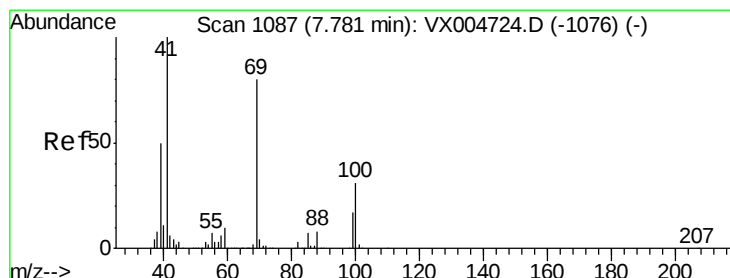
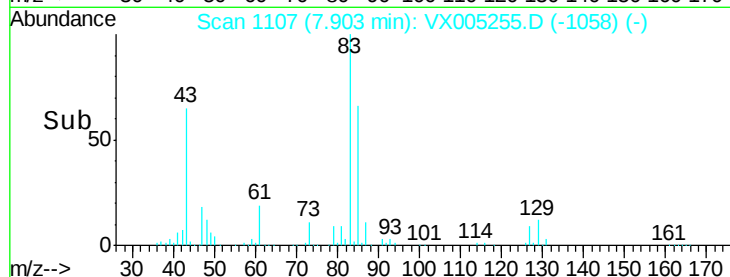
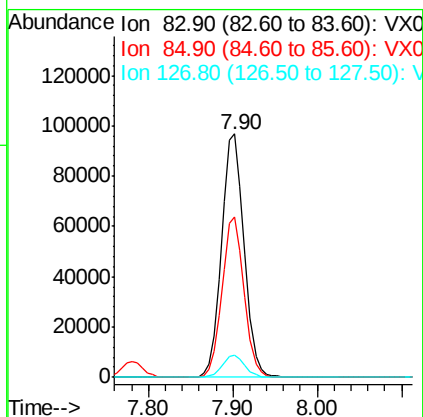
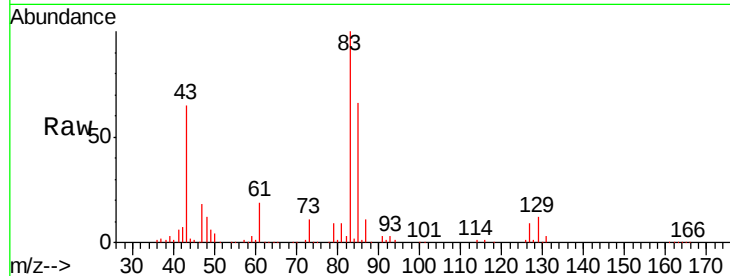
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	178063
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.2	76.8
127	9.2	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.19 ug/l

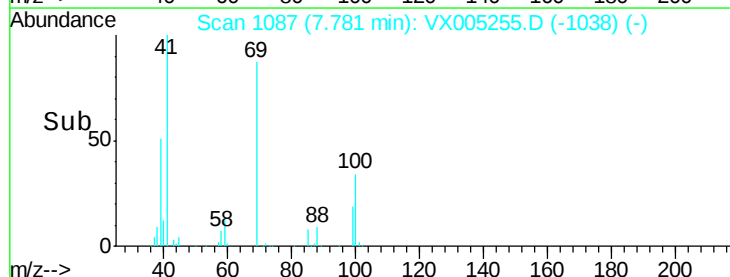
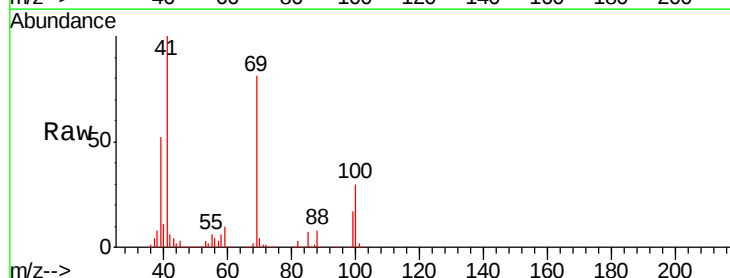
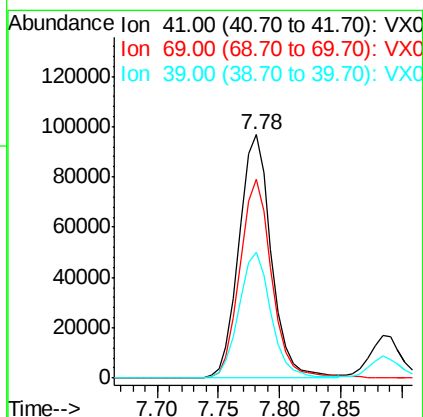
RT: 7.78 min Scan# 1087

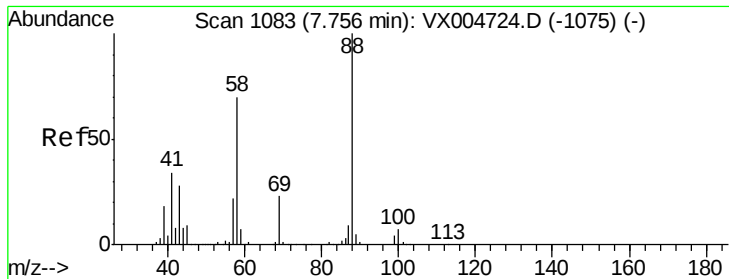
Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion:	41	Resp:	177206
Ion	Ratio	Lower	Upper
41	100		
69	81.0	63.8	95.6
39	51.4	40.7	61.1





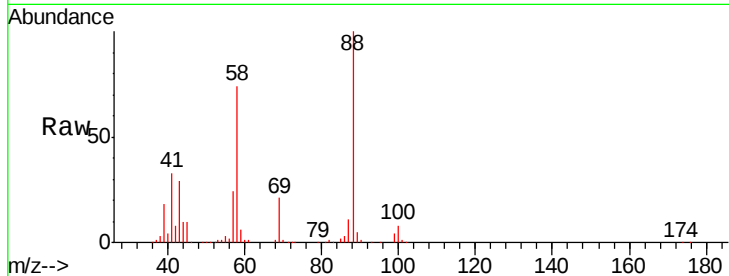
#49
1,4-Dioxane
Concen: 923.12 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

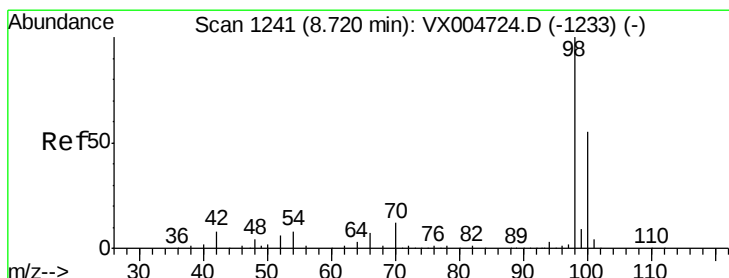
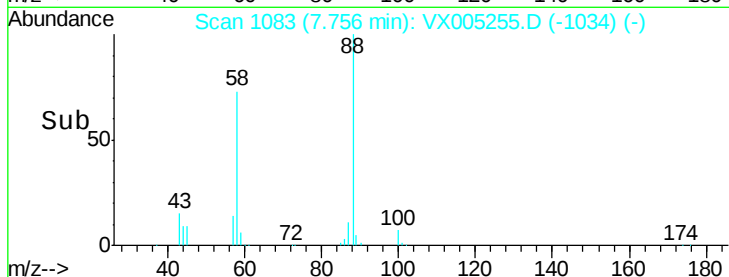
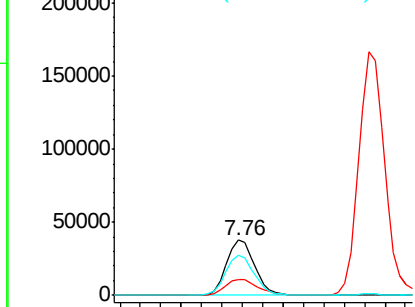
Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.6	25.1	37.7
58	74.8	56.2	84.2

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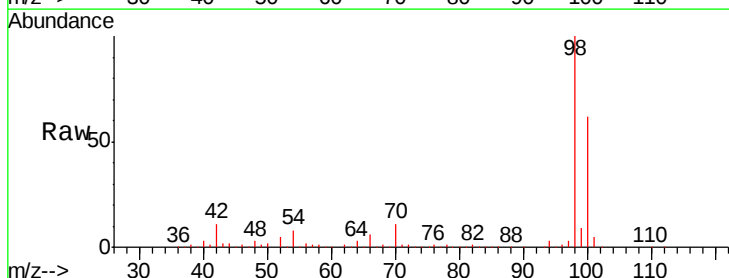


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

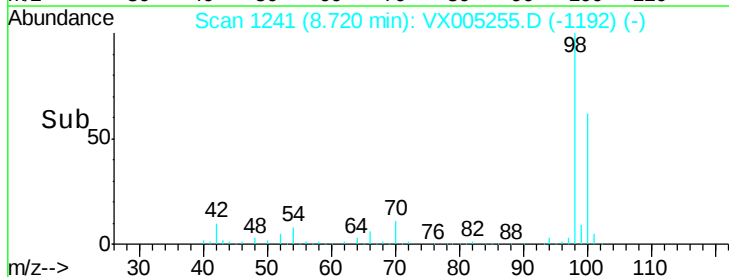
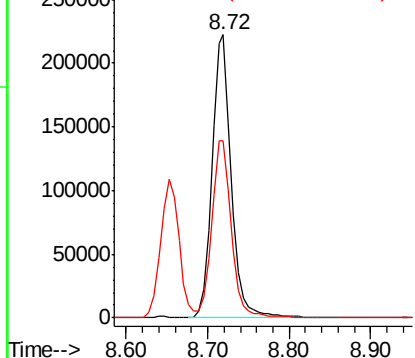


#50
Toluene-d8
Concen: 41.72 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9



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





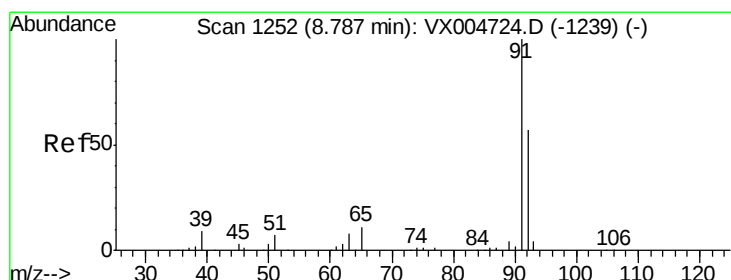
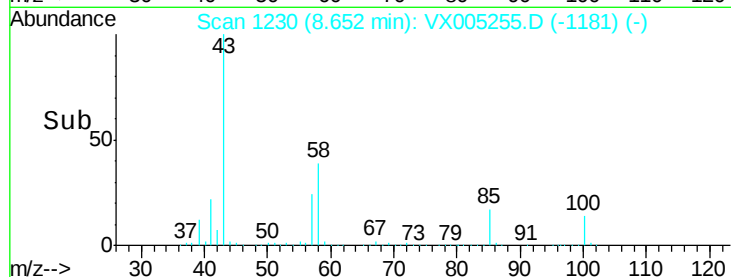
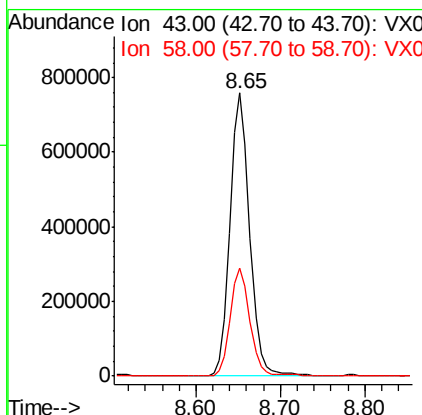
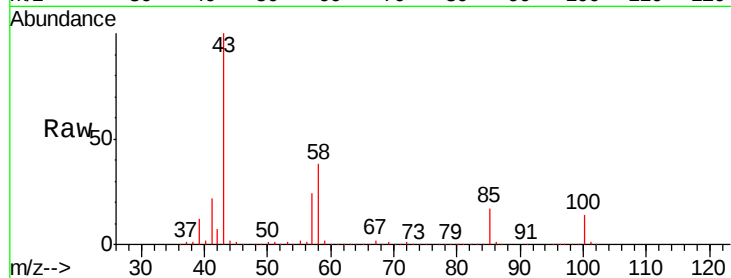
#51
4-Methyl-2-Pentanone
Concen: 276.15 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1208214
Ion Ratio Lower Upper
43 100
58 38.6 30.5 45.7

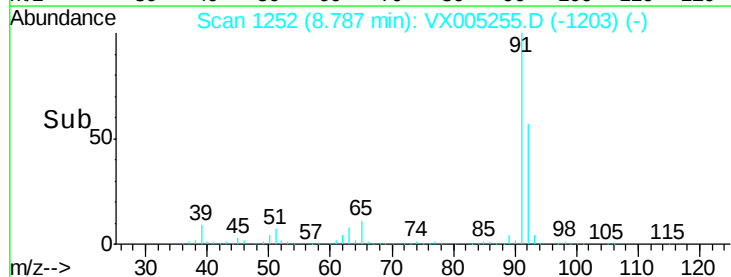
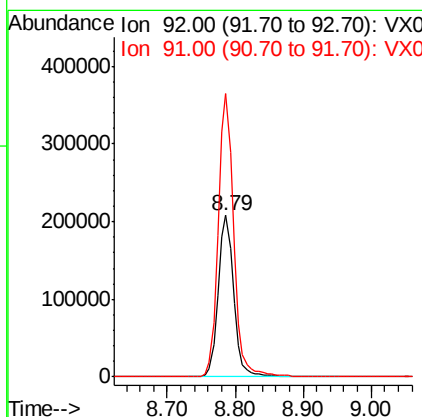
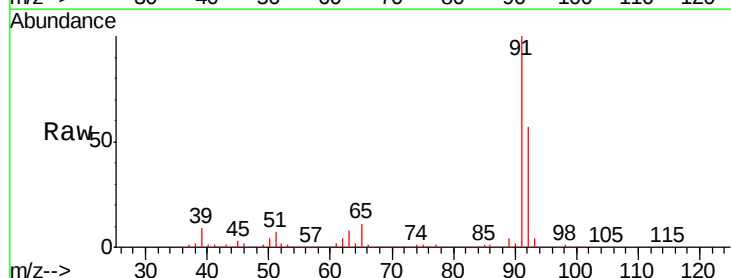
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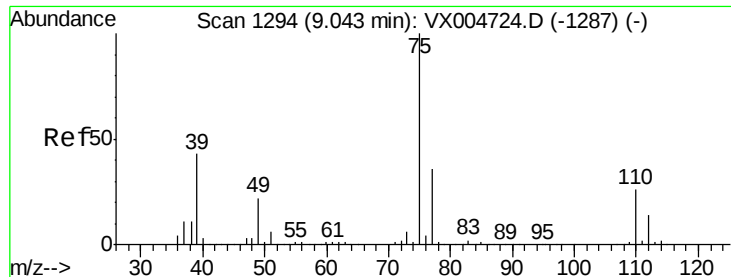
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#52
Toluene
Concen: 52.96 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 92 Resp: 330451
Ion Ratio Lower Upper
92 100
91 174.1 136.7 205.1





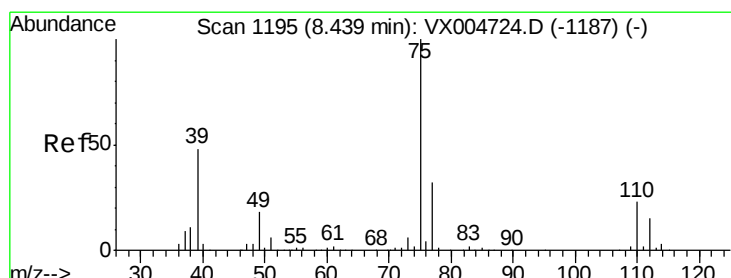
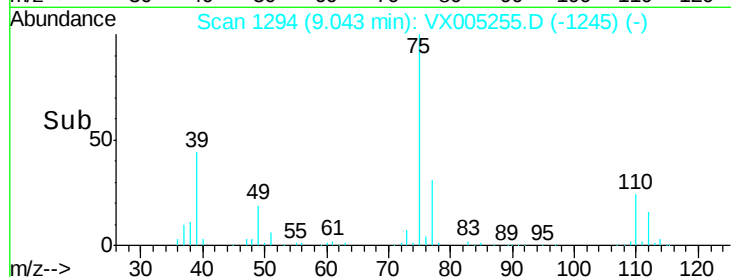
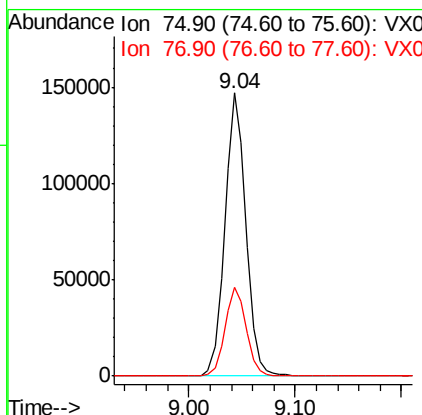
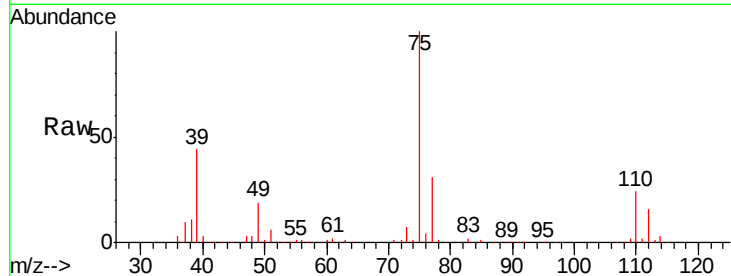
#53
t-1,3-Dichloropropene
Concen: 54.61 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 202180
Ion Ratio Lower Upper
75 100
77 31.4 28.9 43.3

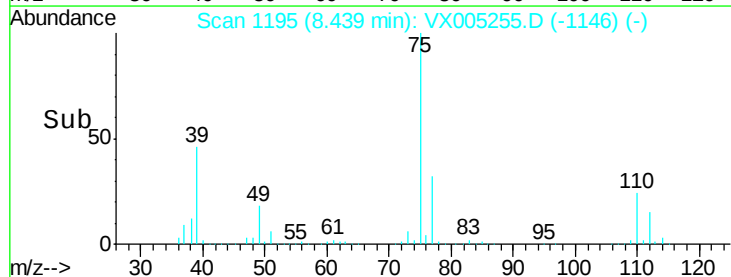
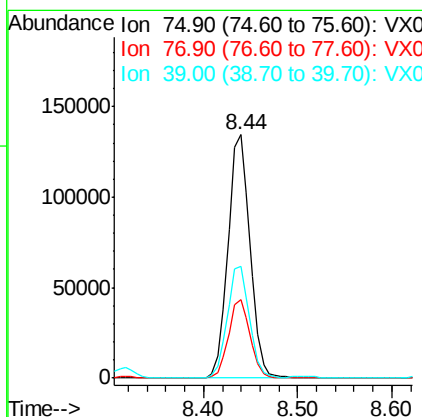
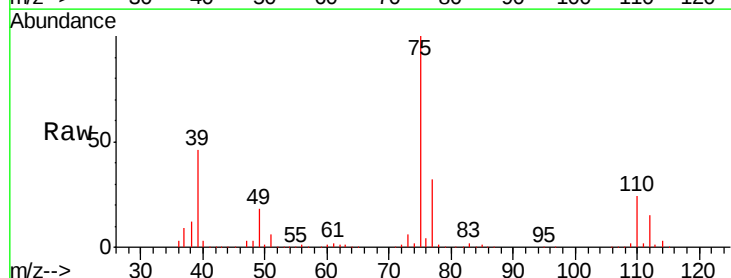
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#54
cis-1,3-Dichloropropene
Concen: 56.11 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 75 Resp: 217586
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
39 46.0 38.3 57.5





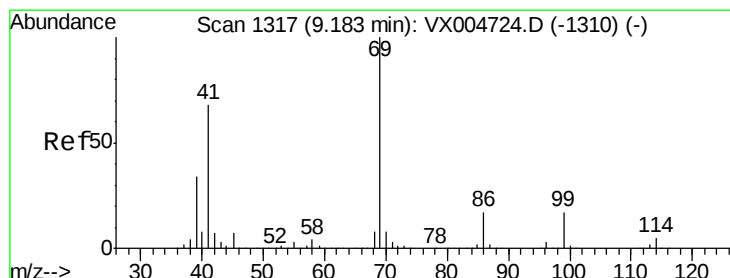
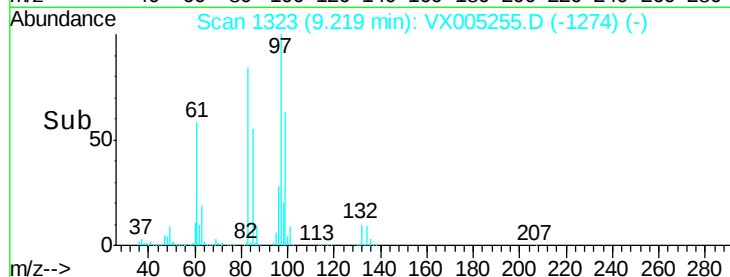
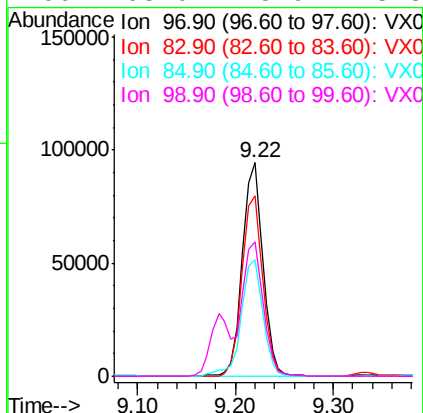
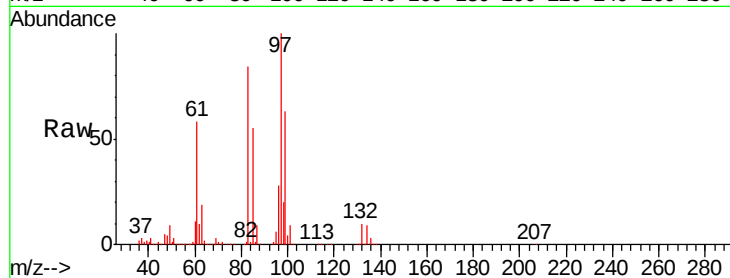
#55
 1,1,2-Trichloroethane
 Concen: 50.73 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.2	102.2
85	54.8	49.9	74.9
99	63.0	48.9	73.3

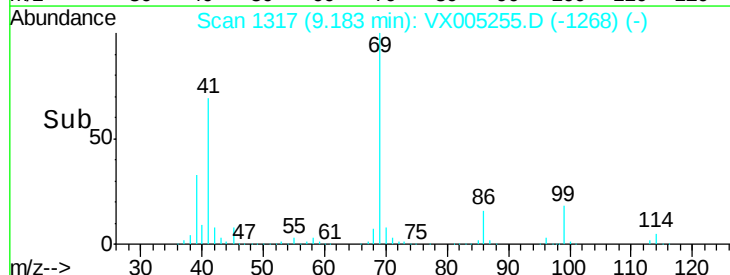
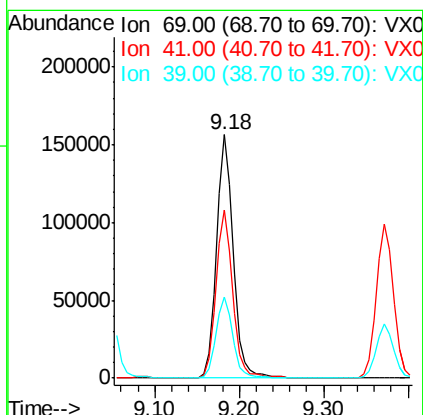
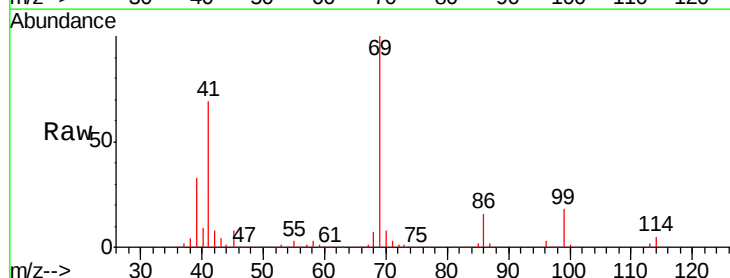
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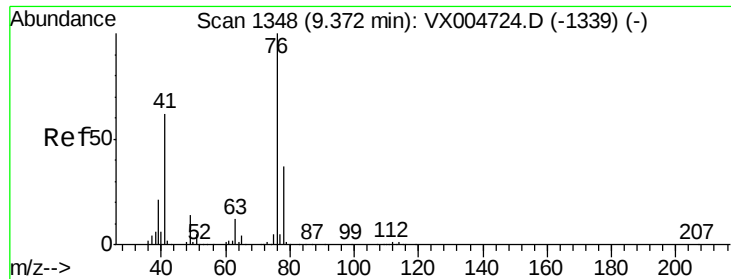
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 10/12/2018 2:34:11 PM



#56
 Ethyl methacrylate
 Concen: 48.90 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.9	85.3
39	33.4	28.4	42.6





#57

1,3-Dichloropropane

Concen: 50.46 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 229522

Ion Ratio Lower Upper

76 100

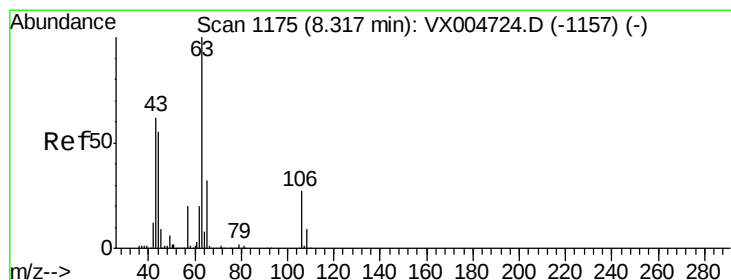
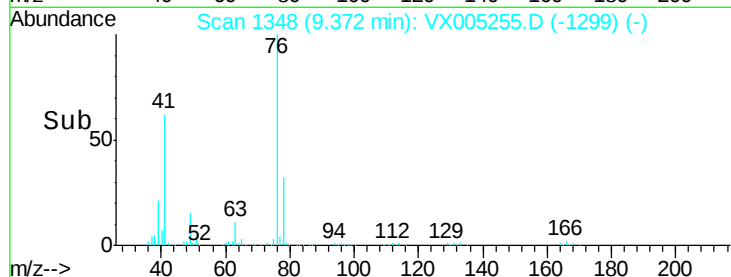
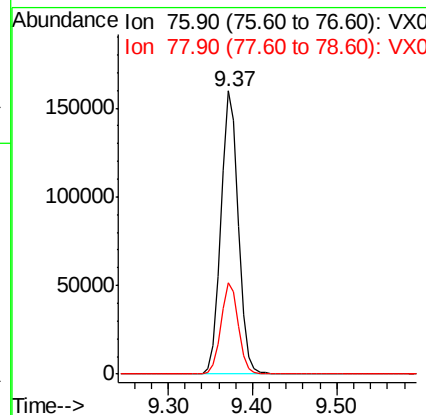
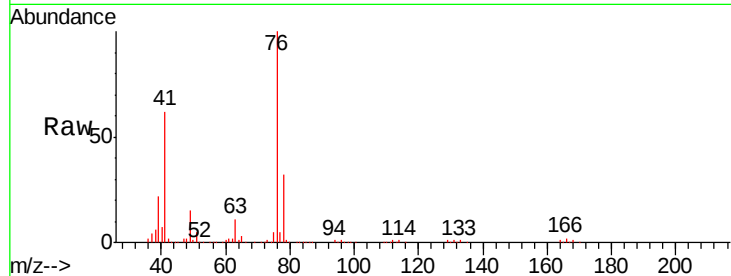
78 32.1 26.6 40.0

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#58

2-Chloroethyl Vinyl ether

Concen: 199.29 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005255.D

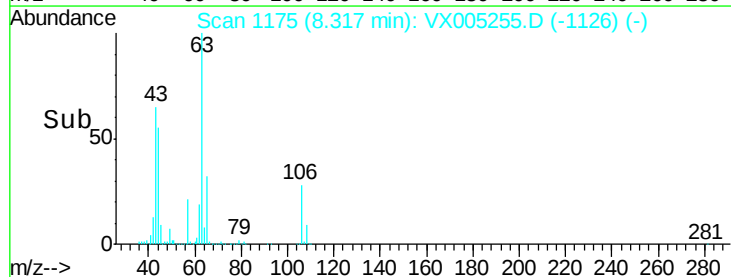
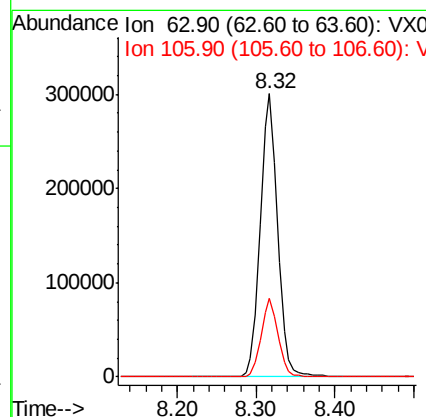
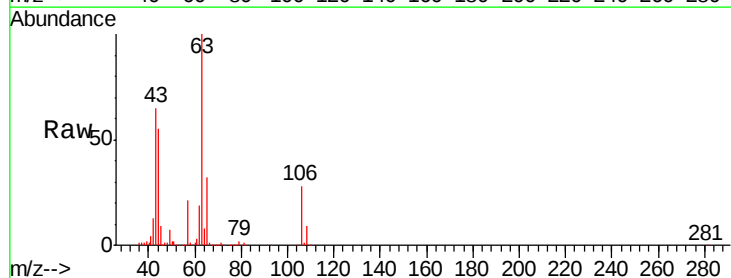
Acq: 11 Oct 2018 15:45

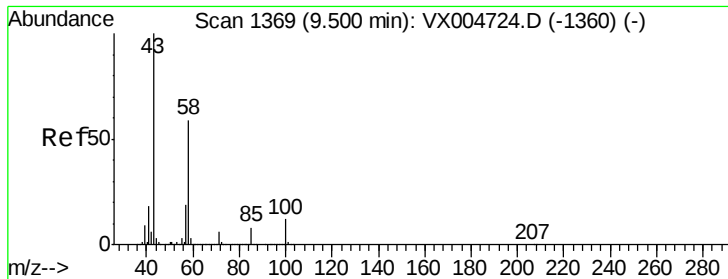
Tgt Ion: 63 Resp: 462088

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.6





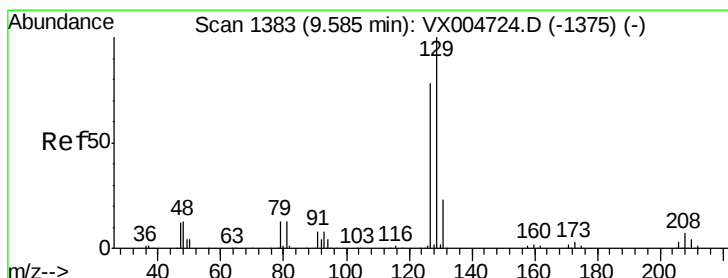
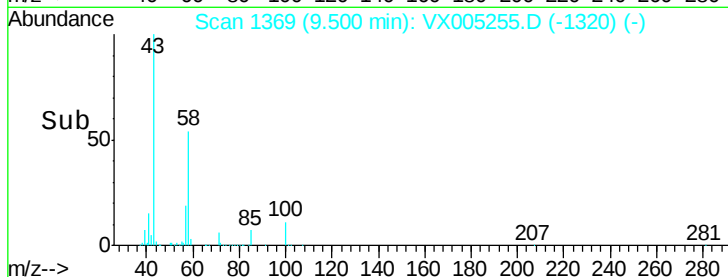
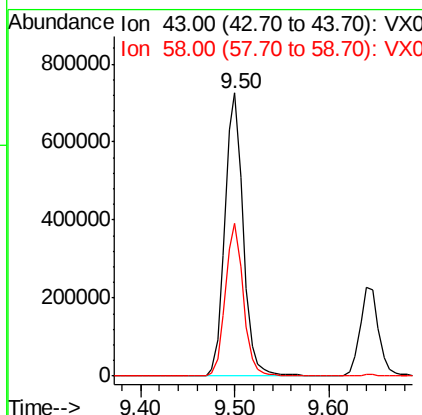
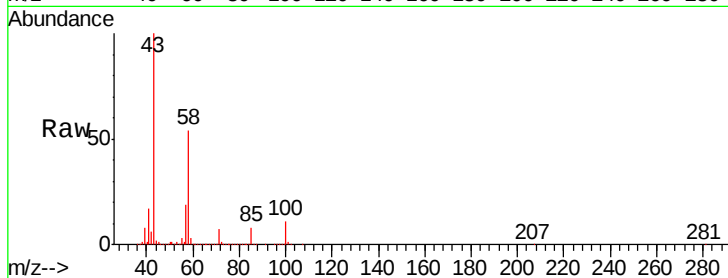
#59
2-Hexanone
Concen: 268.90 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 980383
Ion Ratio Lower Upper
43 100
58 53.1 28.4 85.3

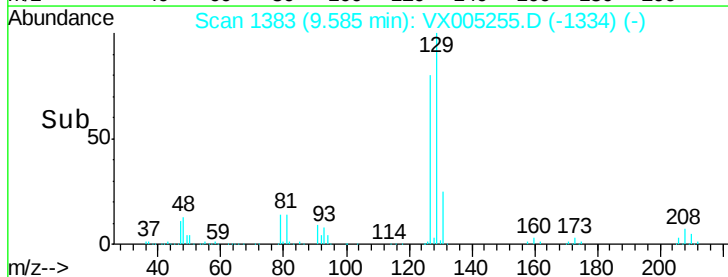
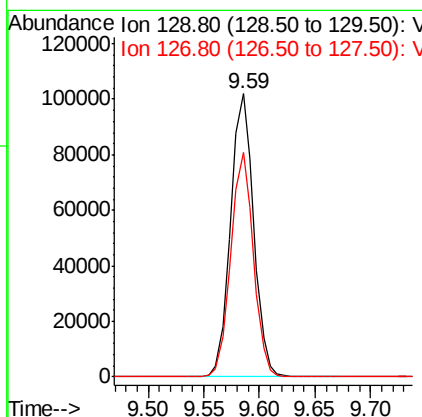
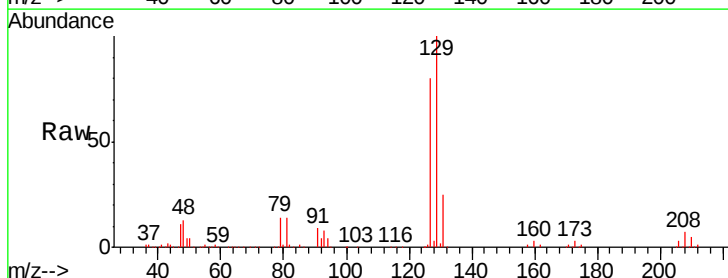
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#60
Dibromochloromethane
Concen: 53.50 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 129 Resp: 146215
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.80 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 142822

Ion Ratio Lower Upper

107 100

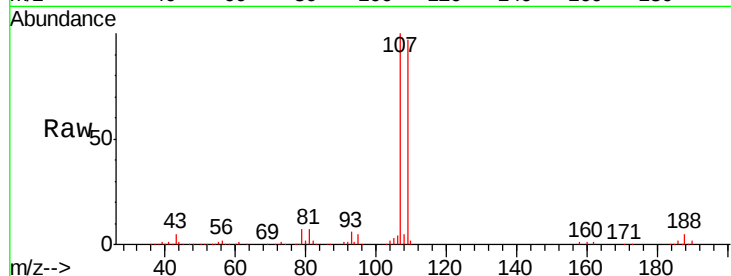
109 95.3 72.1 108.1

Manual Integrations

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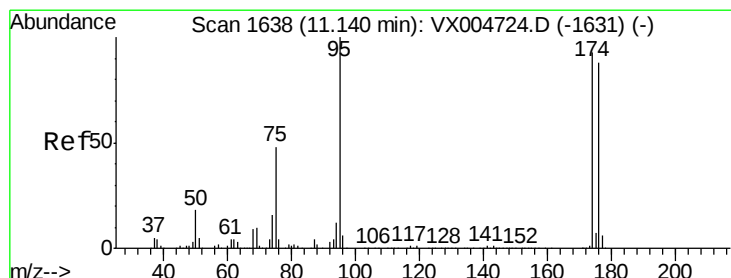
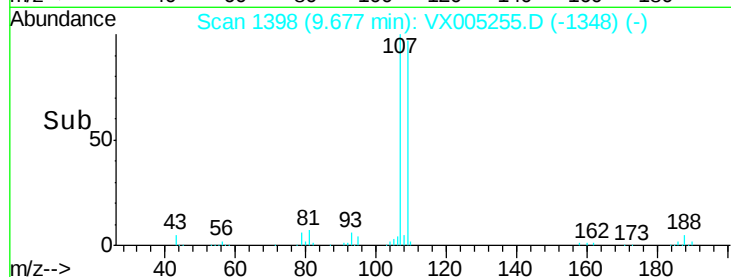
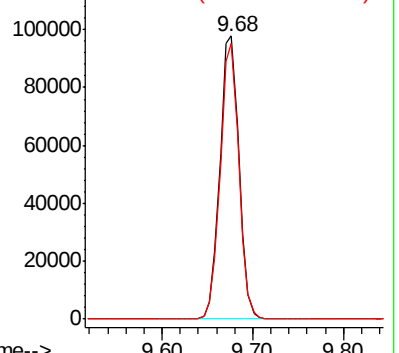
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.96 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

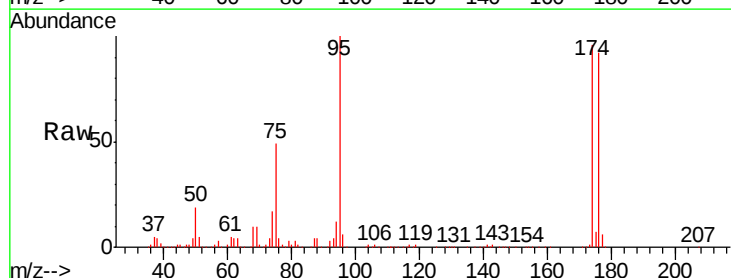
Tgt Ion: 95 Resp: 143124

Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.0

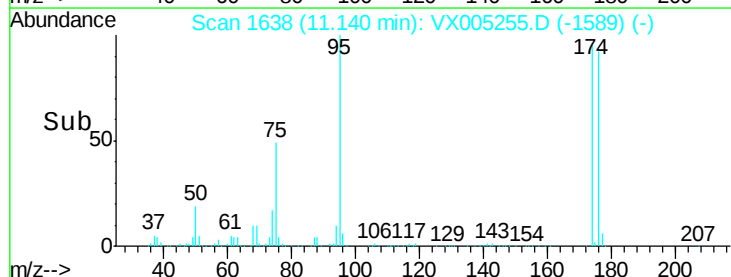
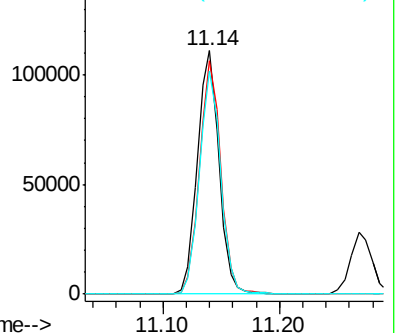
176 91.1 0.0 180.2

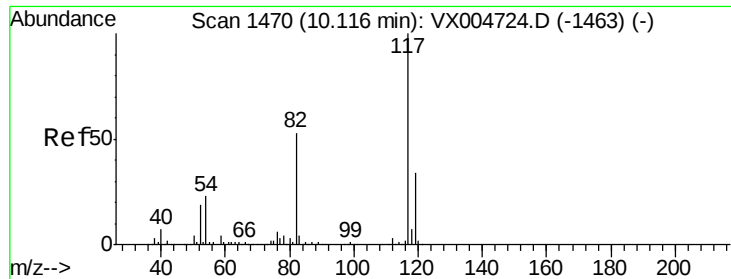


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





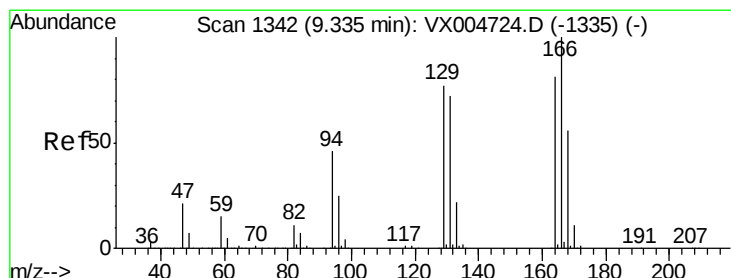
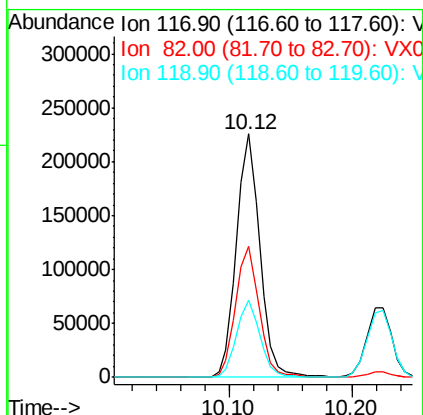
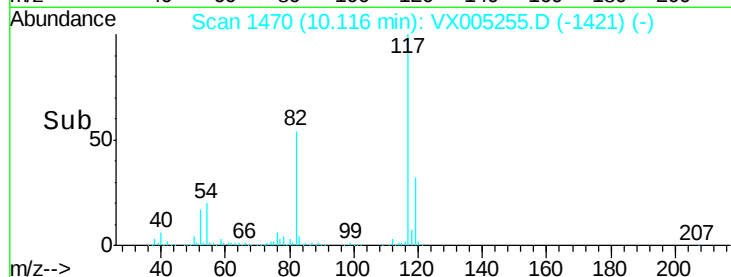
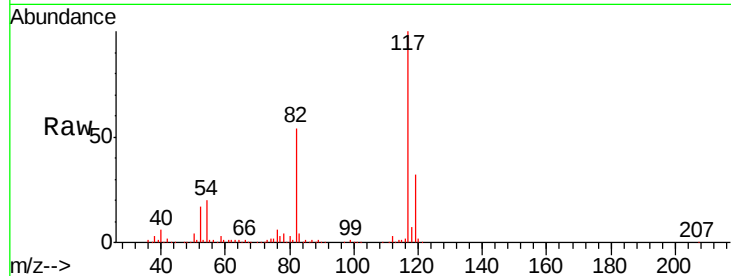
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	299764		
82	53.6	42.2	63.4	
119	31.6	27.4	41.0	

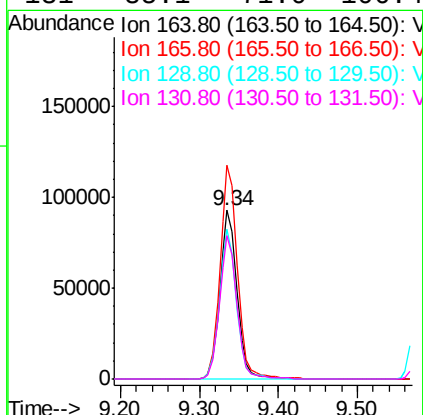
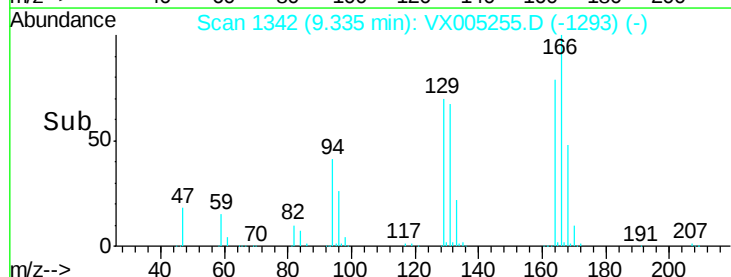
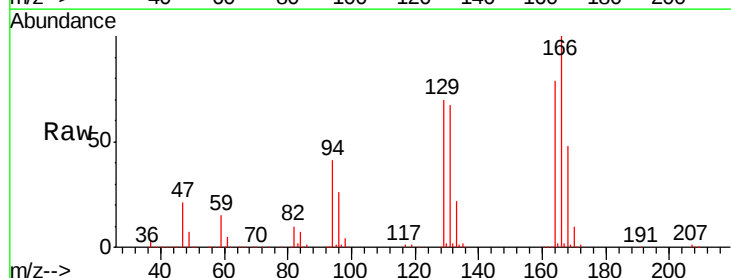
Manual Integrations
APPROVED

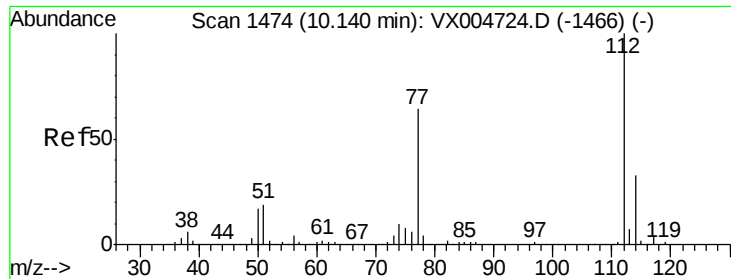
MMDadoda
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#64
Tetrachloroethene
Concen: 47.71 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	140752		
166	126.5	98.4	147.6	
129	89.1	76.1	114.1	
131	85.1	71.0	106.4	





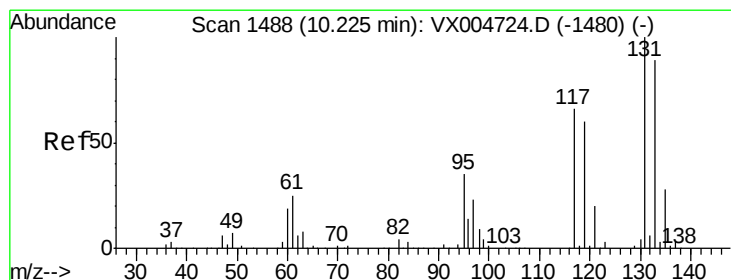
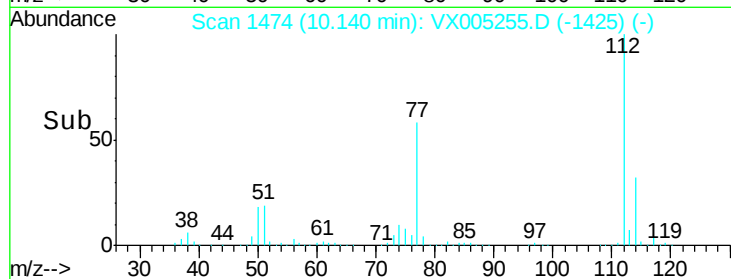
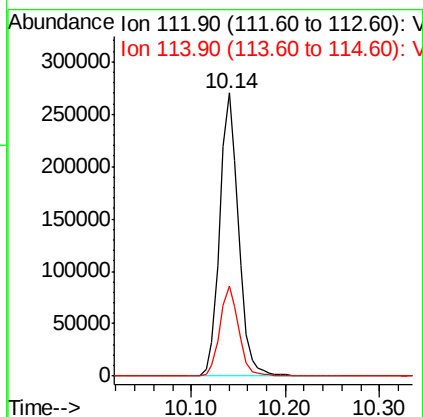
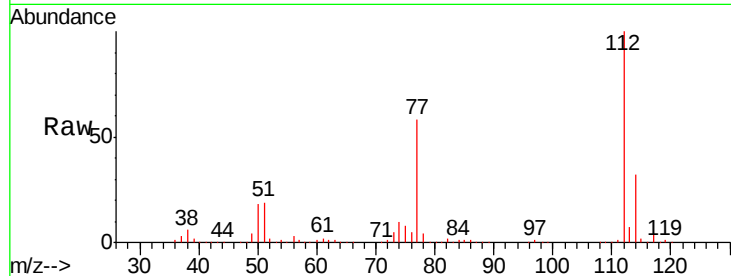
#65
Chlorobenzene
Concen: 48.83 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 375382
Ion Ratio Lower Upper
112 100
114 32.0 26.7 40.1

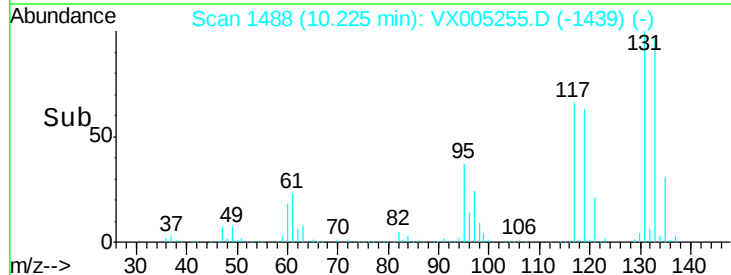
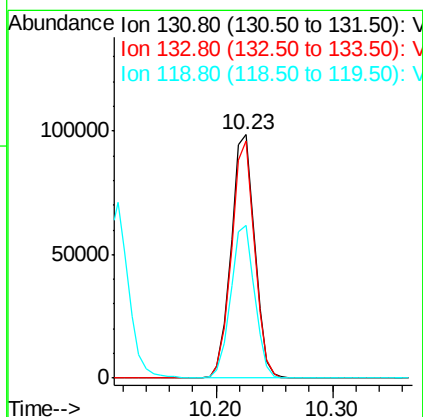
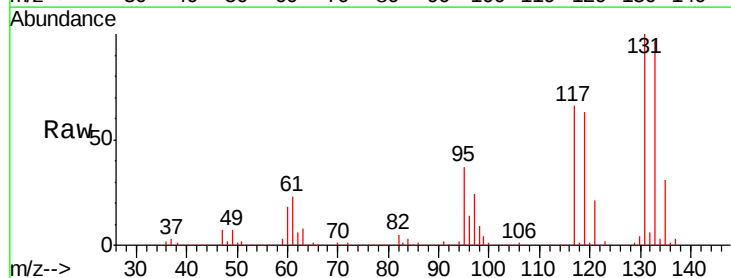
Manual Integrations
APPROVED

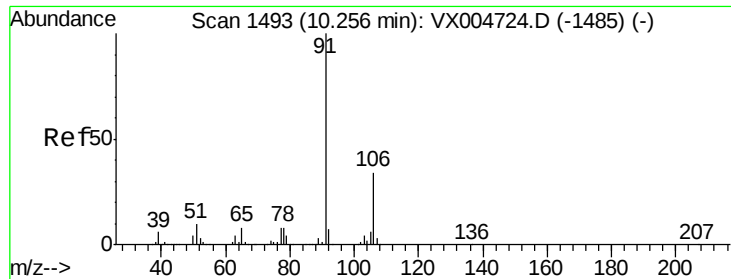
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.50 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion:131 Resp: 139173
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.0
119 63.5 32.3 96.8





#67

Ethyl Benzene

Concen: 52.79 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 644294

Ion Ratio Lower Upper

91 100

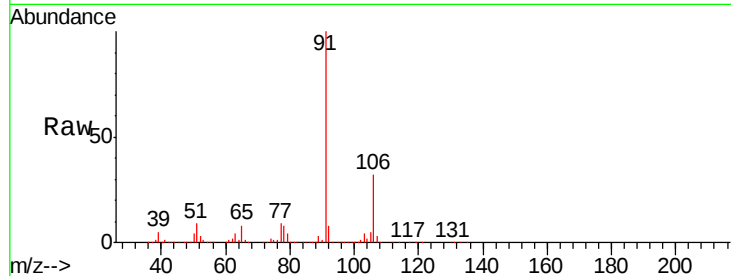
106 31.7 26.9 40.3

Manual Integrations

APPROVED

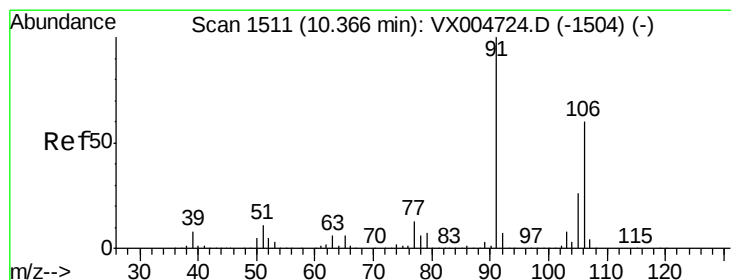
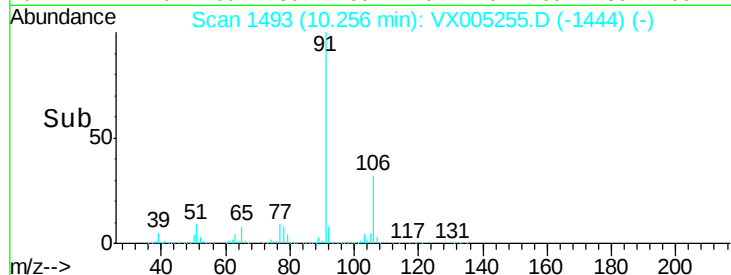
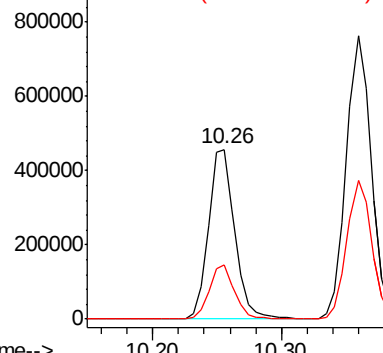
MMDadoda

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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: 106.89 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005255.D

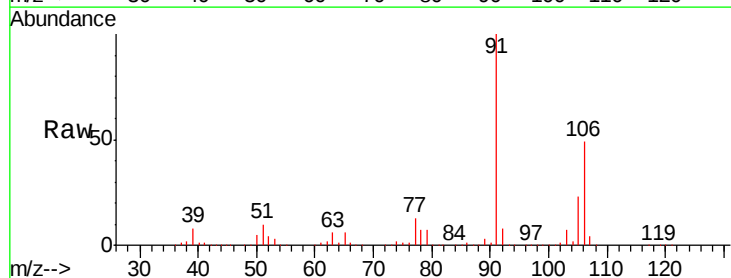
Acq: 11 Oct 2018 15:45

Tgt Ion: 106 Resp: 509735

Ion Ratio Lower Upper

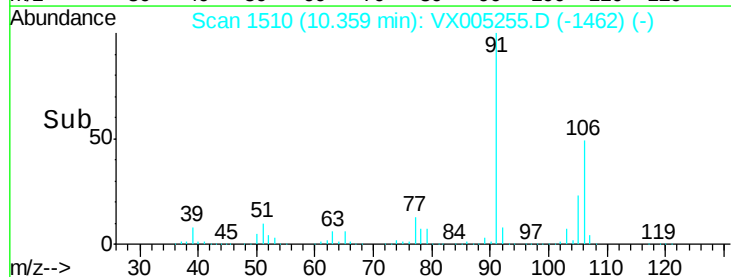
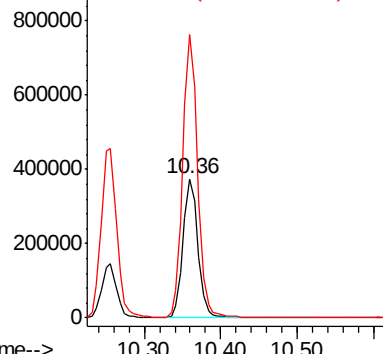
106 100

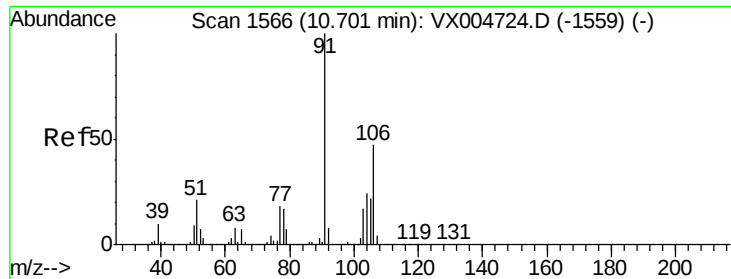
91 203.0 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





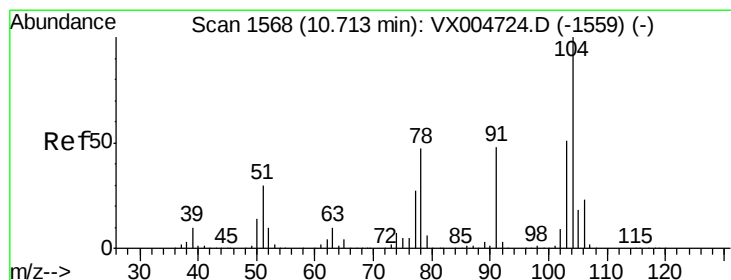
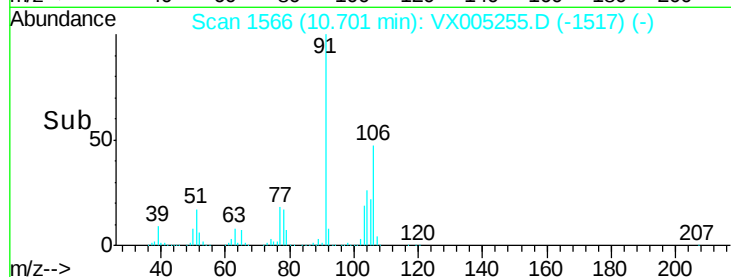
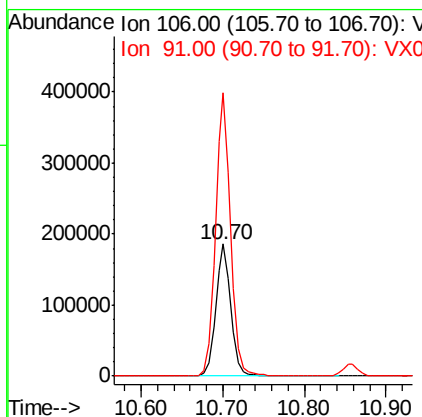
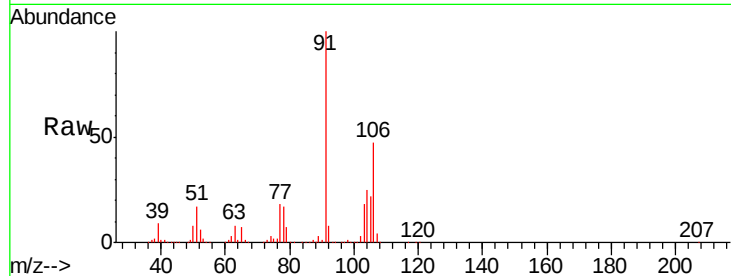
#69
o-Xylene
Concen: 55.11 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 241386
Ion Ratio Lower Upper
106 100
91 215.6 108.3 324.8

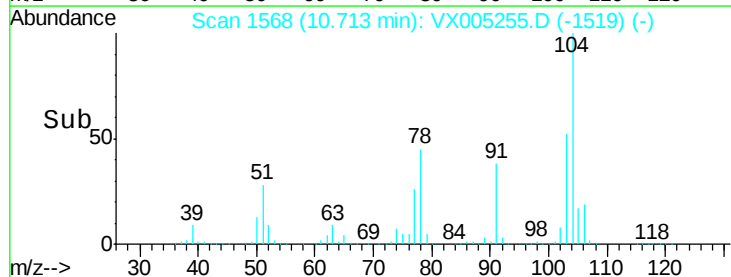
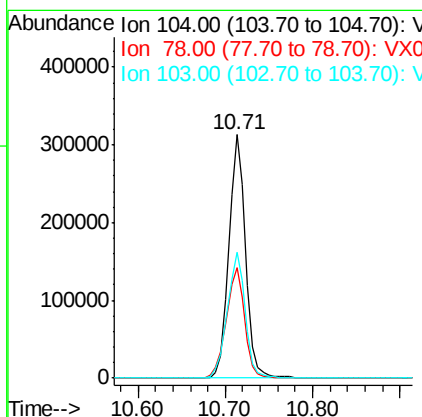
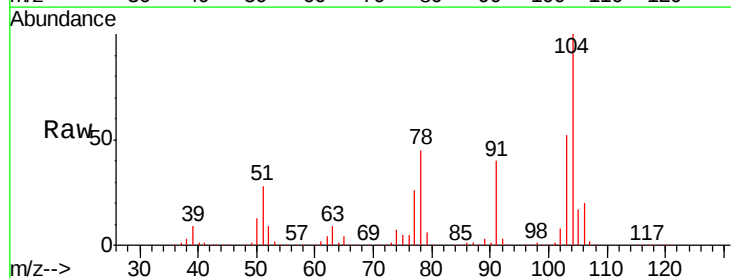
Manual Integrations
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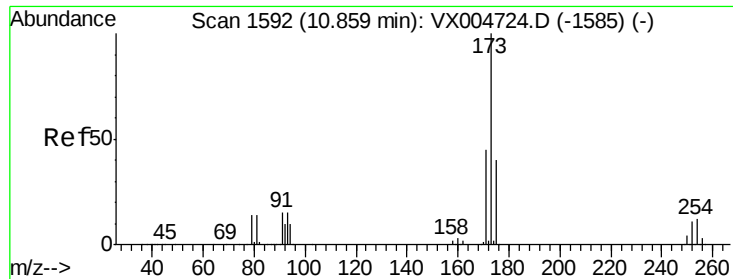
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#70
Styrene
Concen: 50.40 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion:104 Resp: 413055
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 56.0 44.3 66.5





#71

Bromoform

Concen: 53.94 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

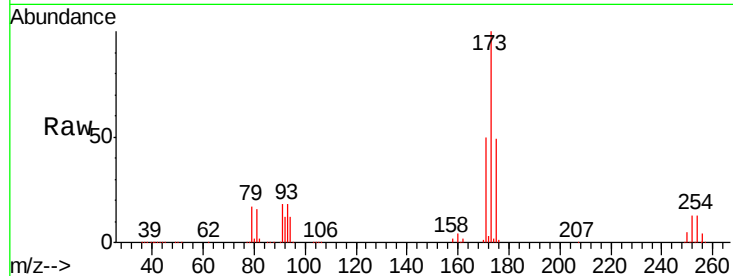
ClientSampleId :

VSTDCCC050

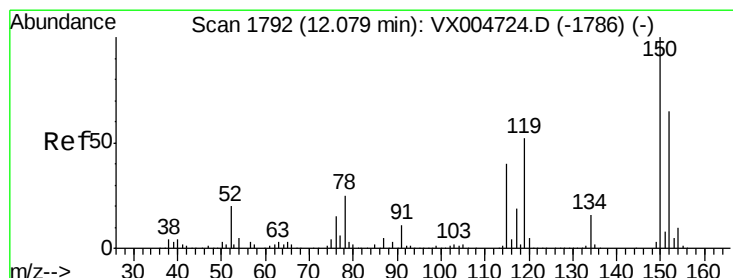
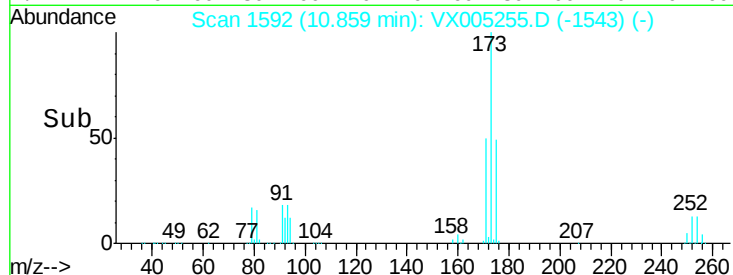
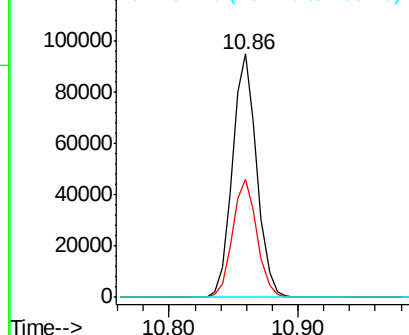
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.3	69.8
254	0.1	0.2	0.2

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: 50.00 ug/l

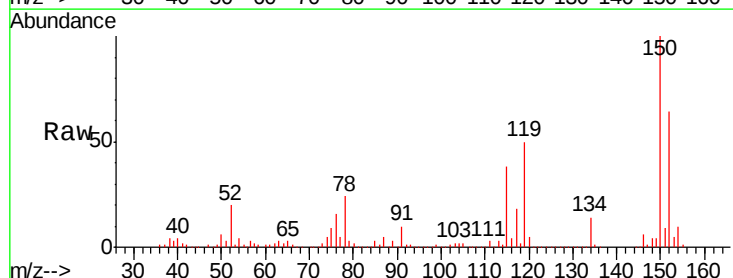
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

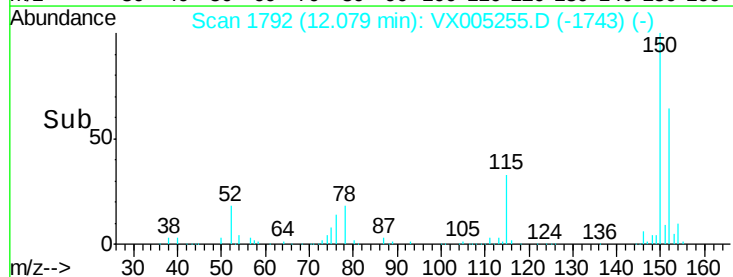
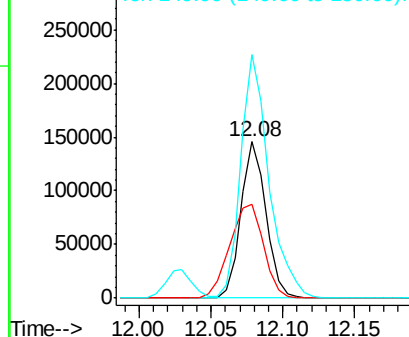
Lab File: VX005255.D

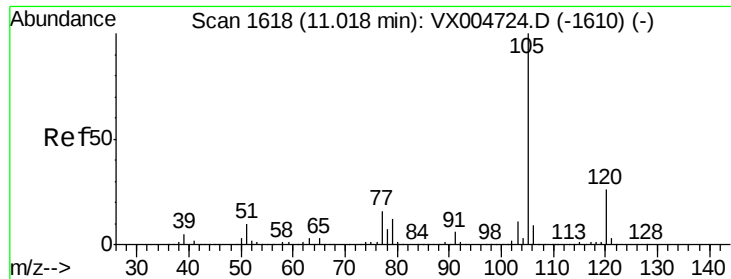
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.4	40.2	120.6
150	175.5	0.0	351.0



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: 59.82 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 663982

Ion Ratio Lower Upper

105 100

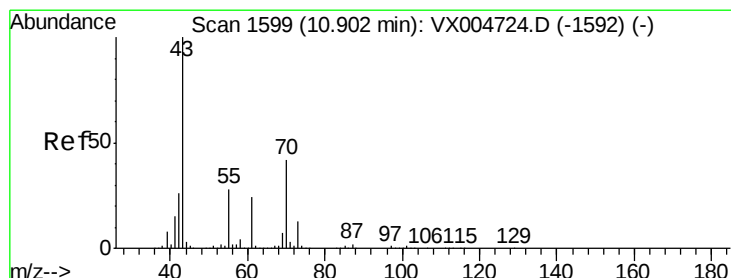
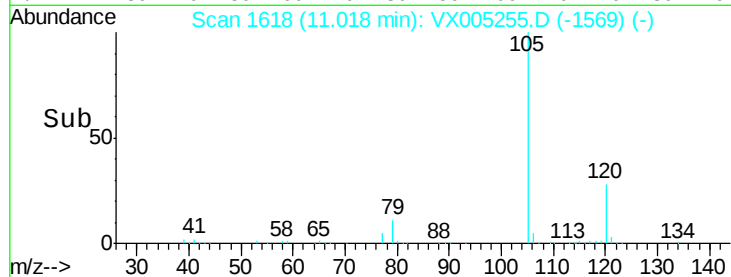
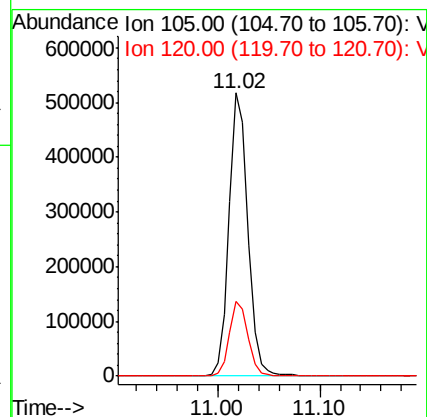
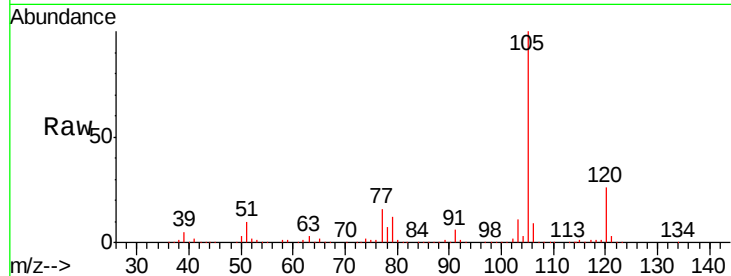
120 26.3 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.25 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion: 43 Resp: 312929

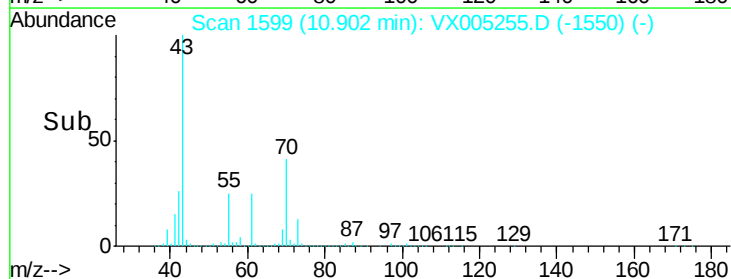
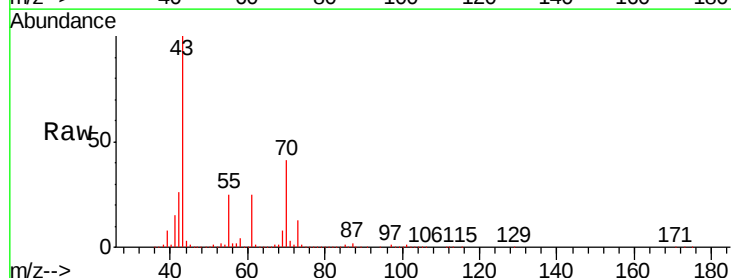
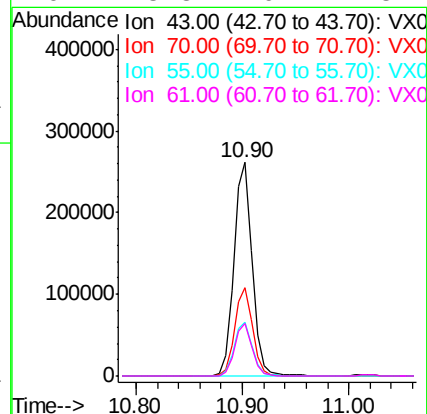
Ion Ratio Lower Upper

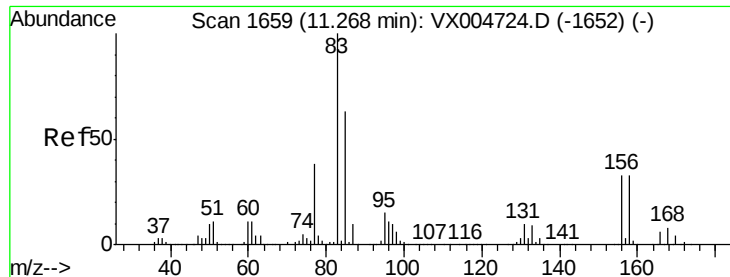
43 100

70 40.8 32.6 48.8

55 25.4 21.6 32.4

61 23.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.23 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

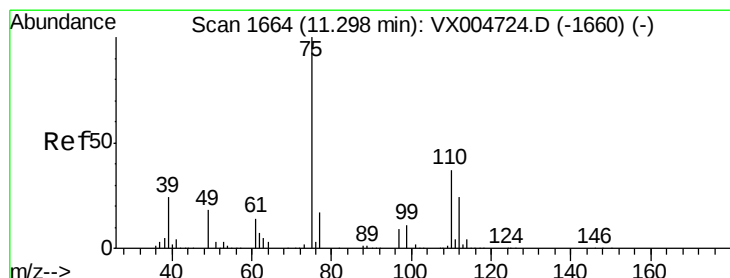
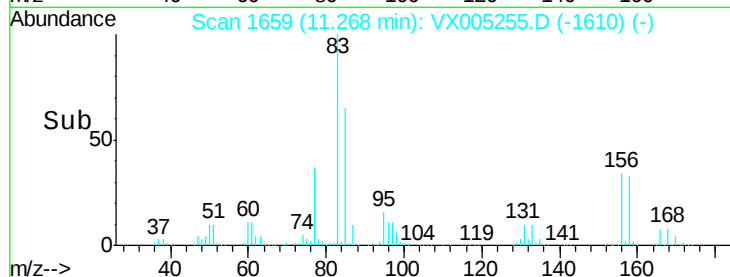
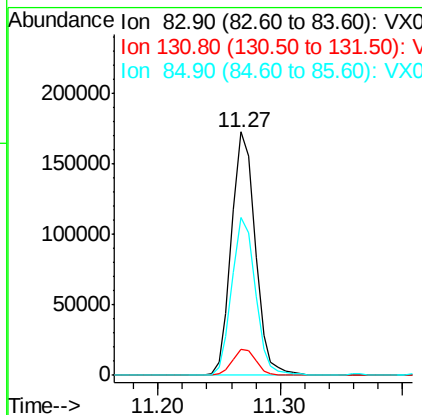
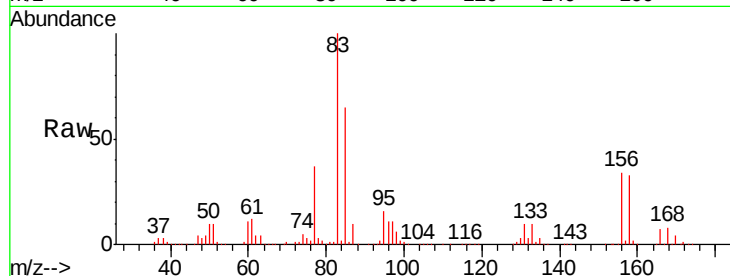
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	231454
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.3
85	64.4	31.9	95.9

Manual Integrations
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10/12/2018 2:34:11 PM



#76

1,2,3-Trichloropropane

Concen: 53.63 ug/l m

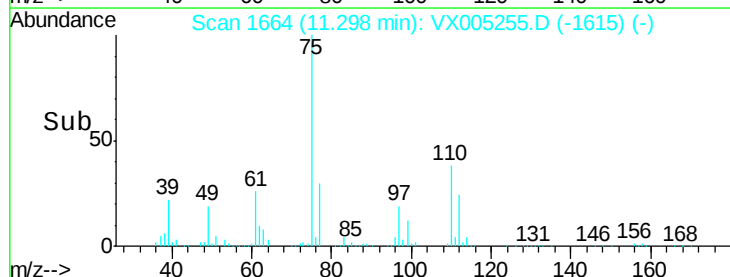
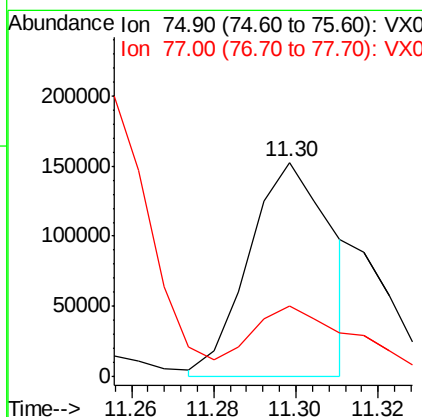
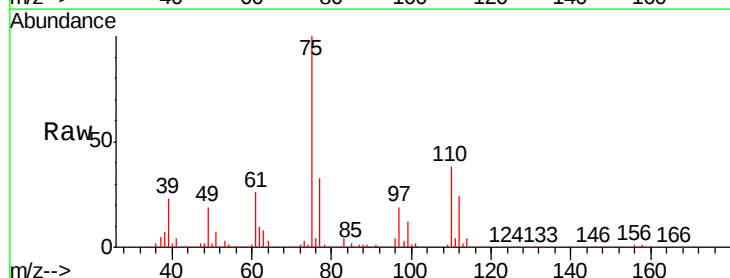
RT: 11.30 min Scan# 1664

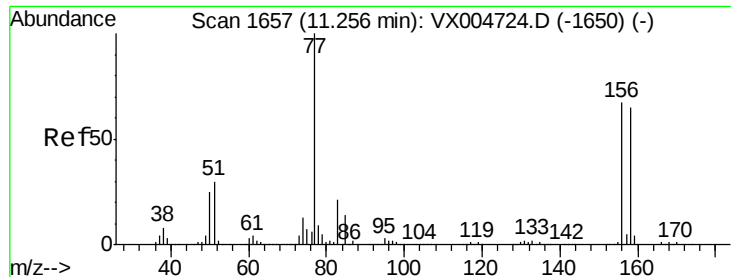
Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion:	75	Resp:	211680
Ion Ratio	Lower	Upper	
75	100		
77	42.1	21.4	64.3





#77

Bromobenzene

Concen: 55.24 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

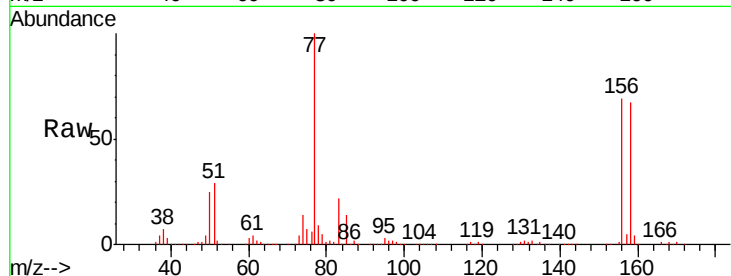
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	178077
Ion Ratio	Lower	Upper	
156	100		
77	143.4	73.4	220.2
158	97.2	49.1	147.4

Manual Integrations
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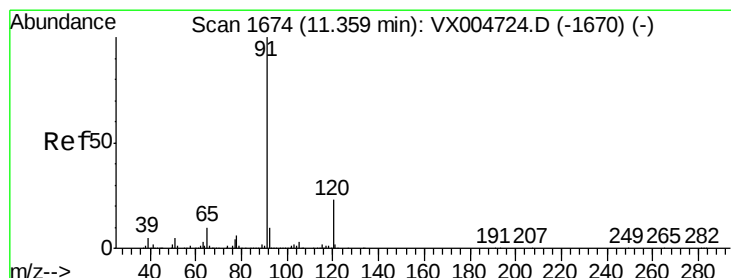
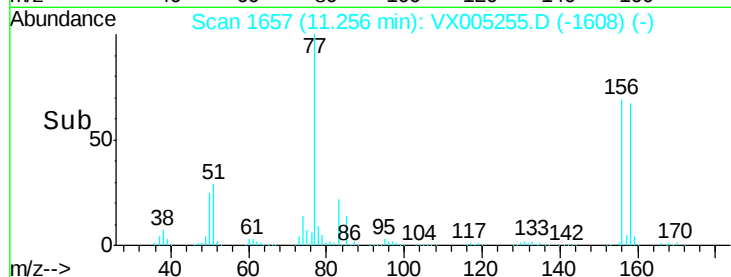
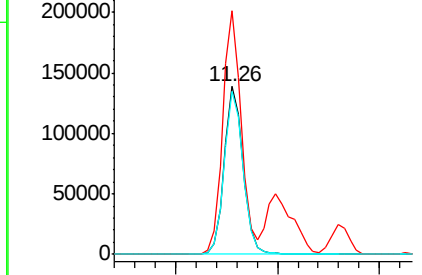
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 60.71 ug/l

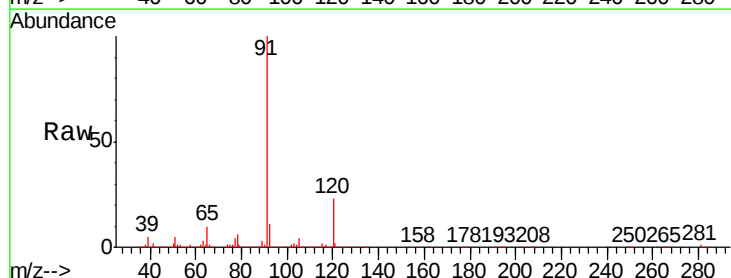
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005255.D

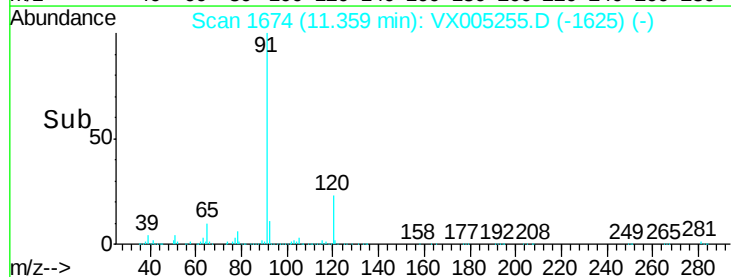
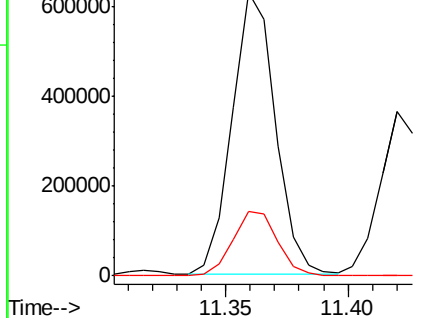
Acq: 11 Oct 2018 15:45

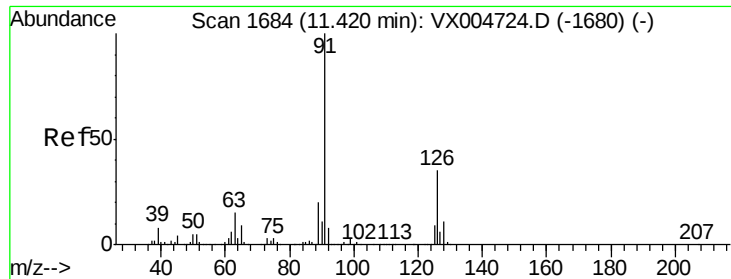
Tgt Ion:	91	Resp:	773176
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.44 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 455968

Ion Ratio Lower Upper

91 100

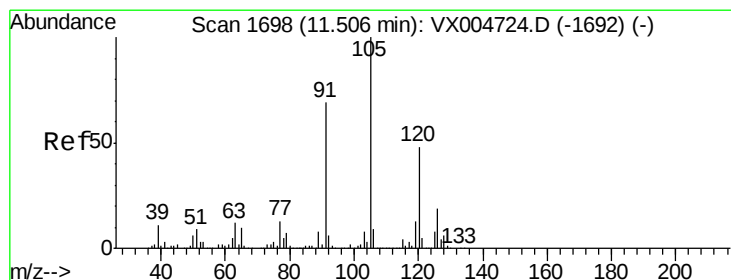
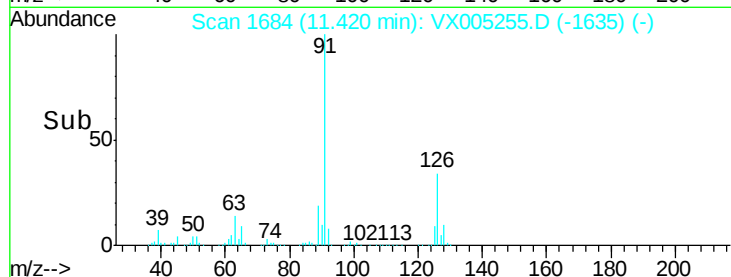
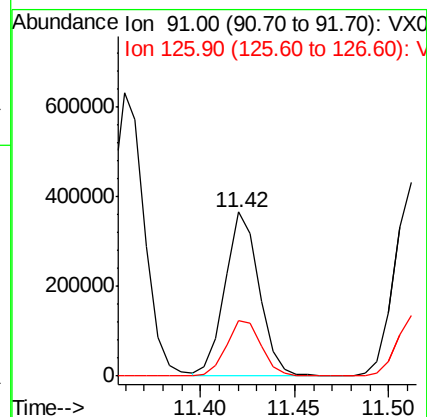
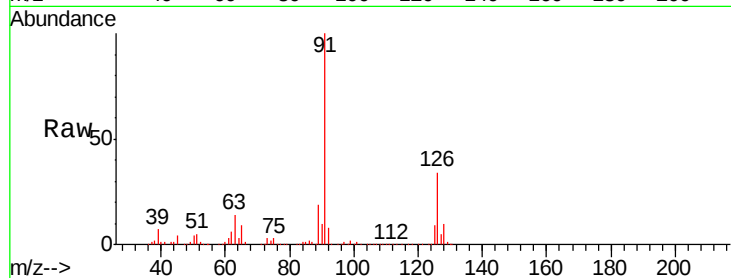
126 35.2 17.6 52.9

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#80

1,3,5-Trimethylbenzene

Concen: 56.35 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005255.D

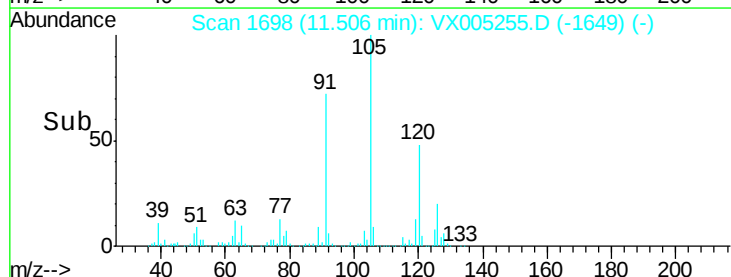
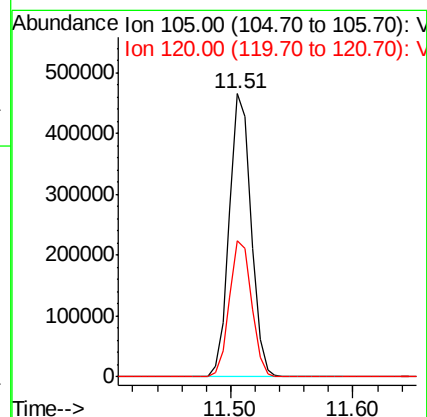
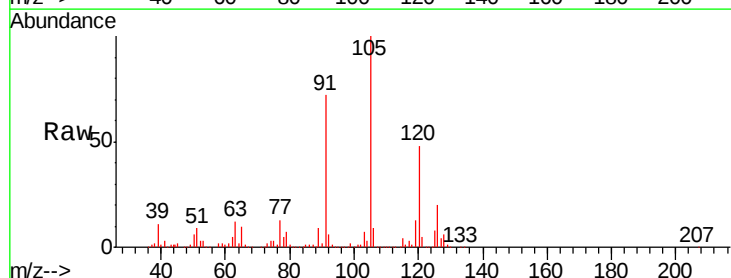
Acq: 11 Oct 2018 15:45

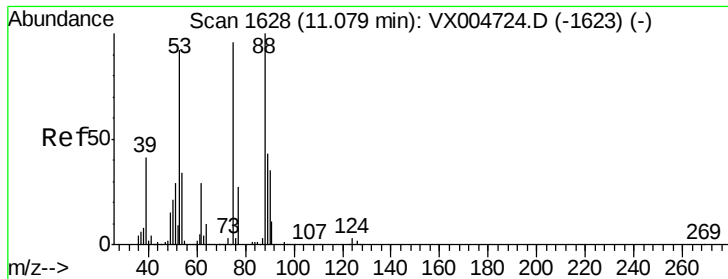
Tgt Ion: 105 Resp: 572989

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.70 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

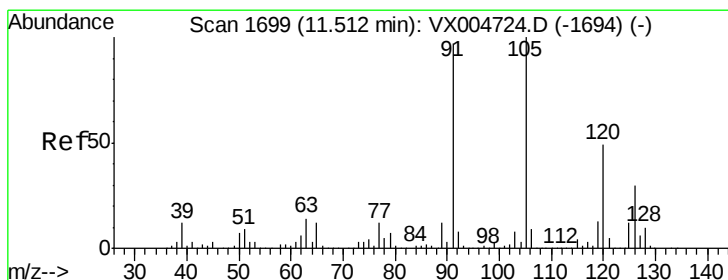
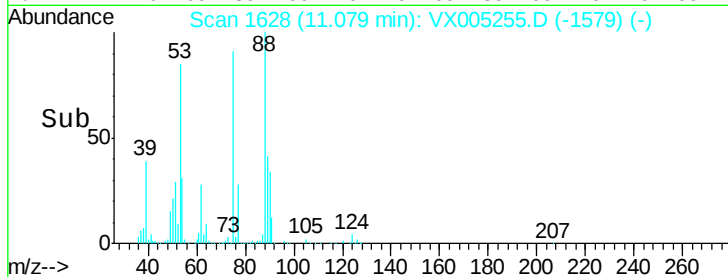
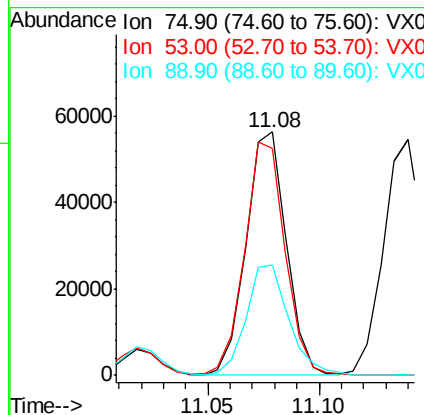
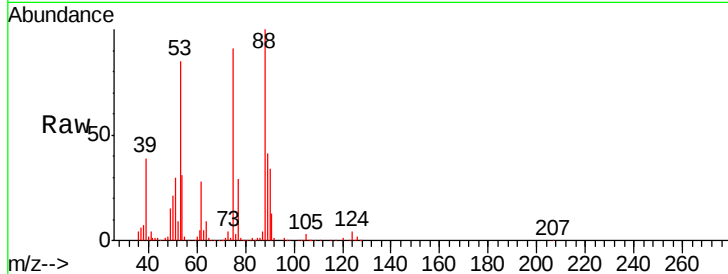
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	70401
Ion	Ratio	Lower	Upper
75	100		
53	97.4	80.2	120.4
89	48.7	37.1	55.7

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#82

4-Chlorotoluene

Concen: 58.11 ug/l

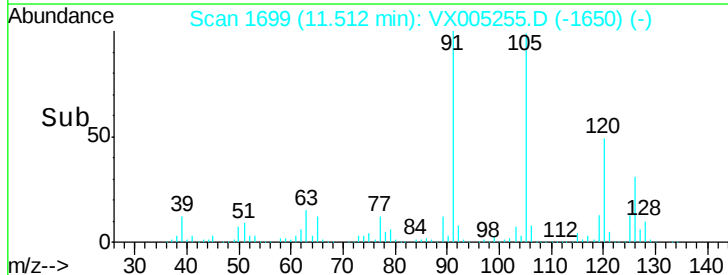
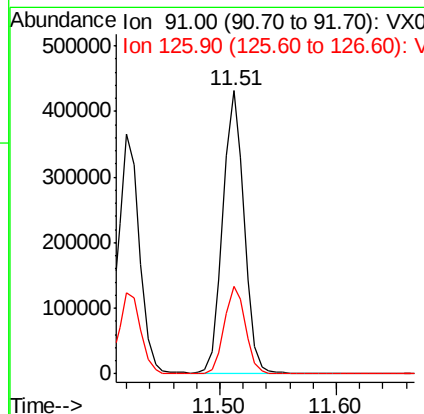
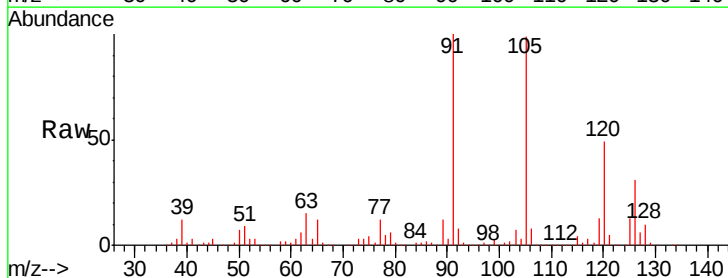
RT: 11.51 min Scan# 1699

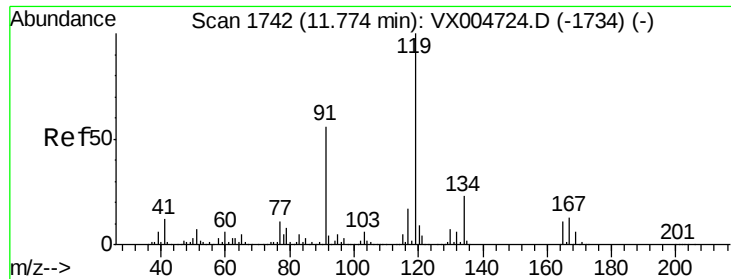
Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion:	91	Resp:	542923
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.5	46.5





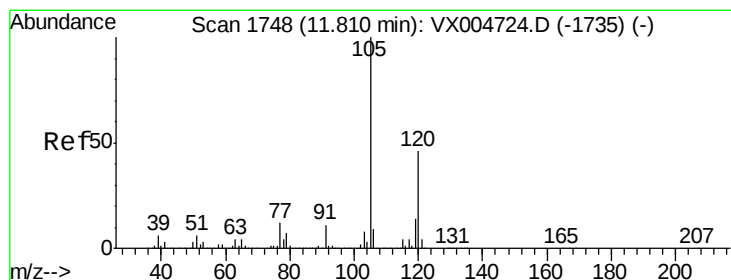
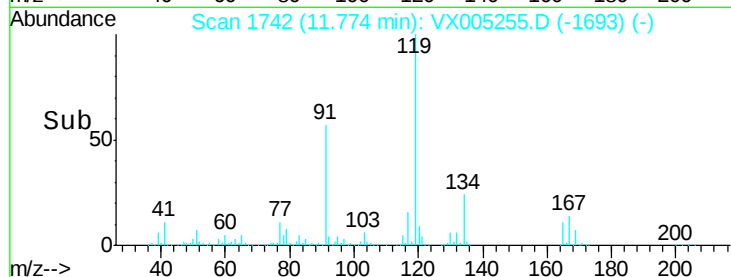
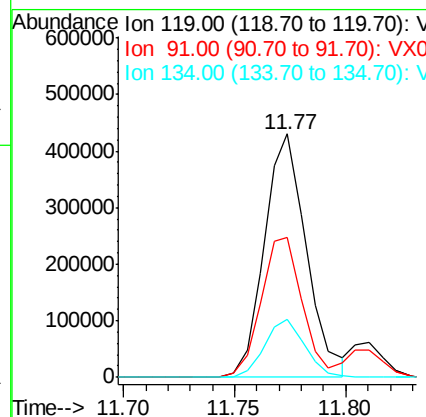
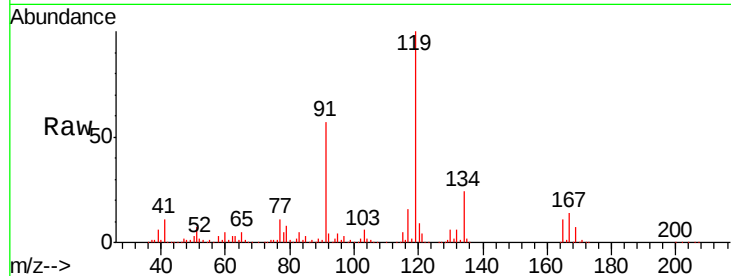
#83
 tert-Butylbenzene
 Concen: 61.81 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	564795		
91	56.1	27.5	82.5	
134	22.8	11.5	34.4	

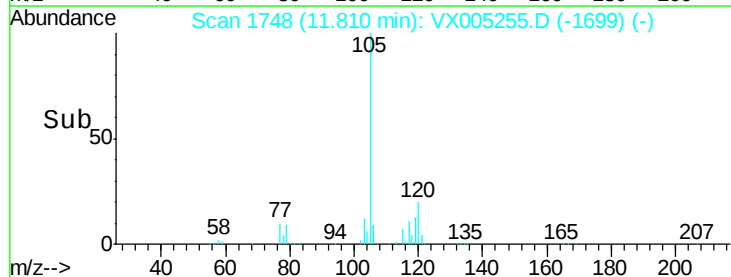
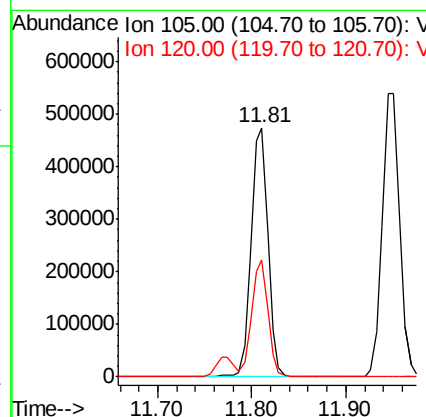
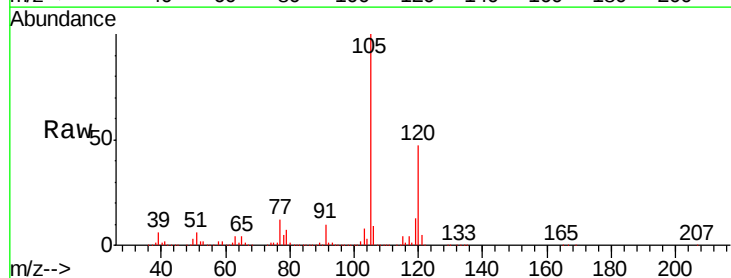
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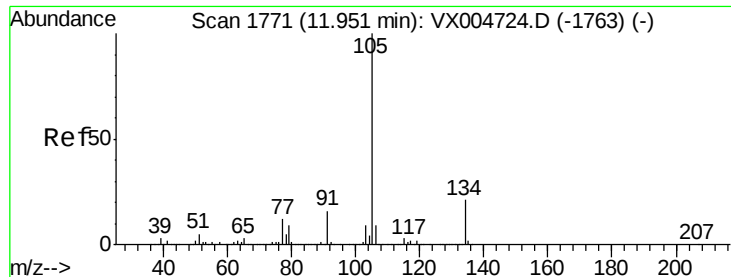
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.32 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	590548		
120	45.2	22.8	68.3	





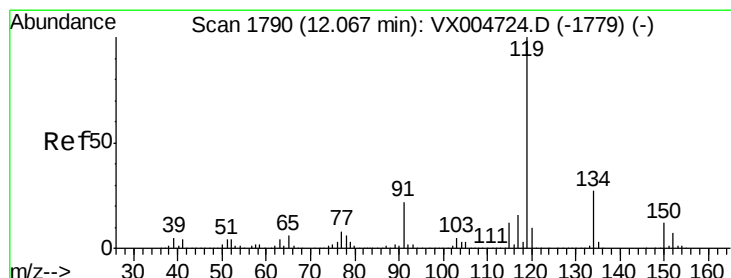
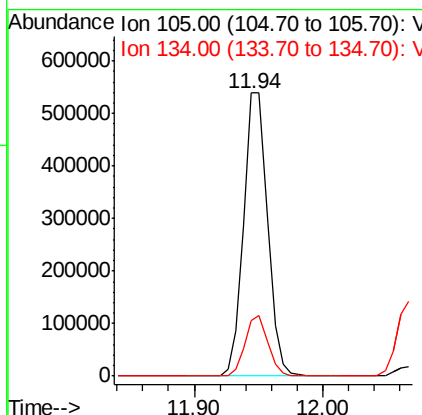
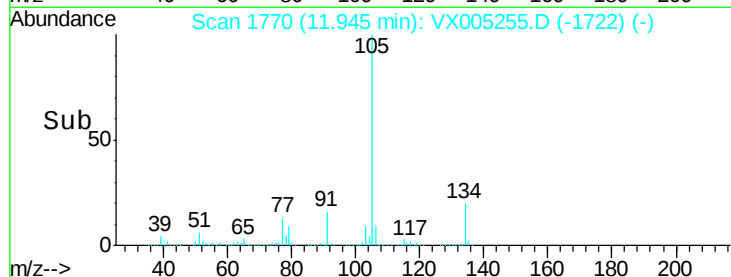
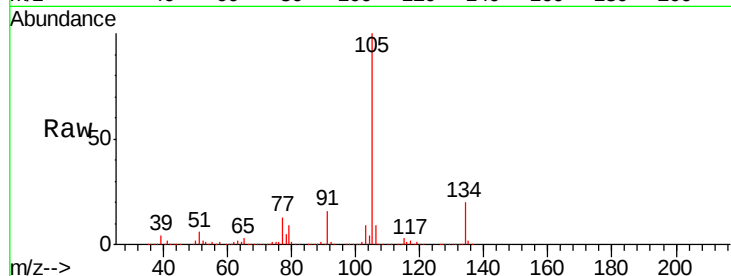
#85
 sec-Butylbenzene
 Concen: 62.09 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.2	30.4

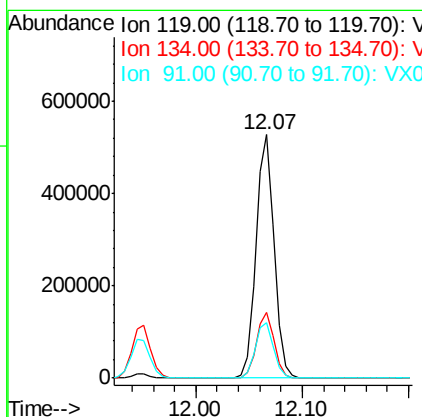
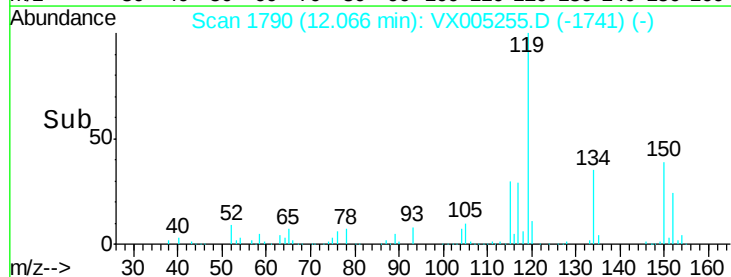
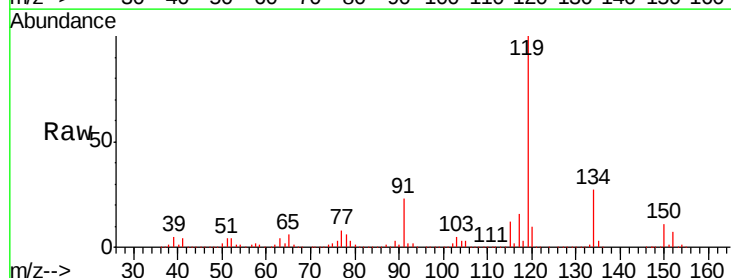
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#86
 p-Isopropyltoluene
 Concen: 61.96 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.1
91	23.2	11.5	34.4





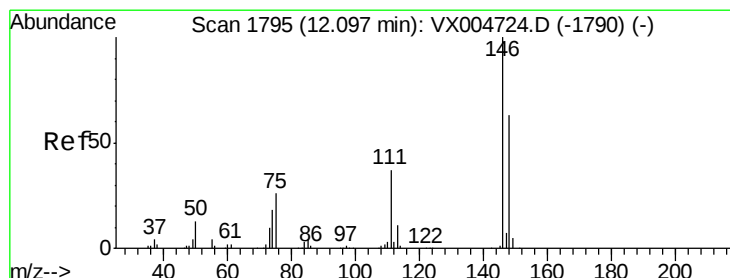
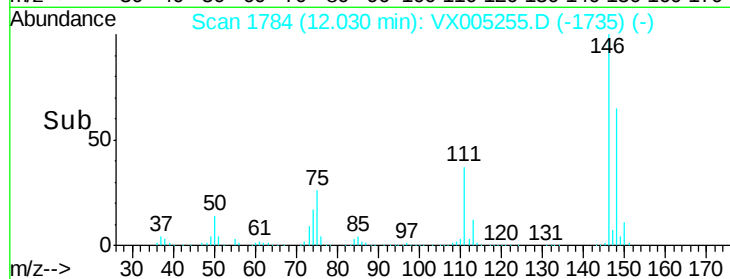
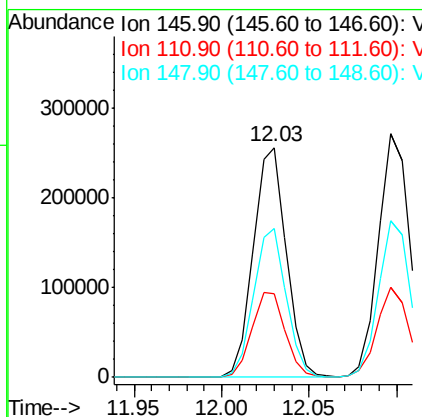
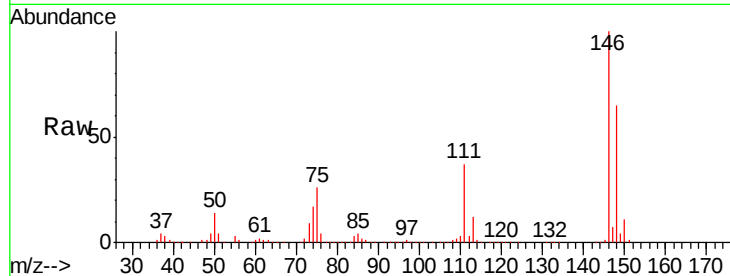
#87
 1,3-Dichlorobenzene
 Concen: 55.74 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	64.2	31.8	95.3

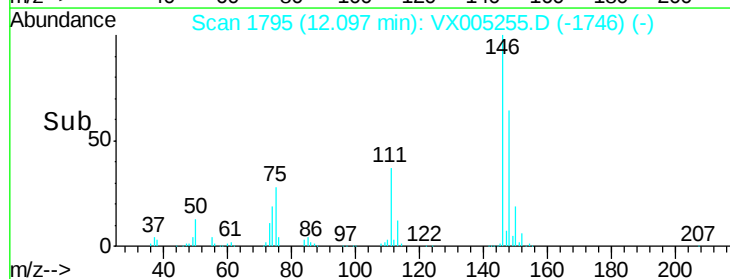
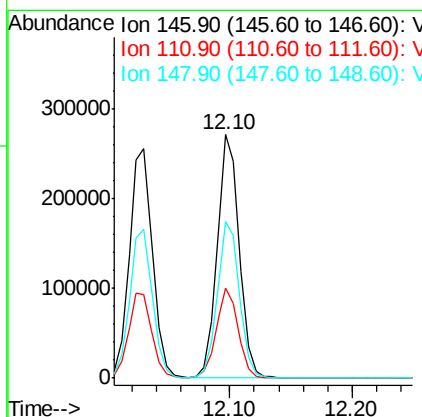
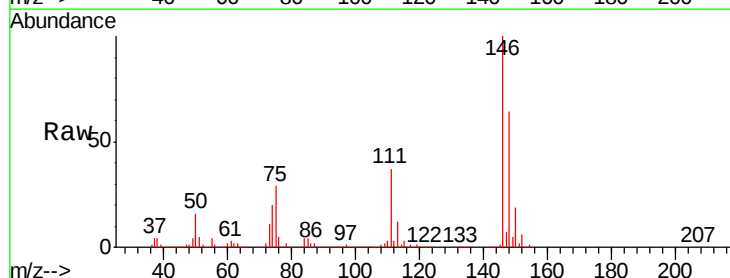
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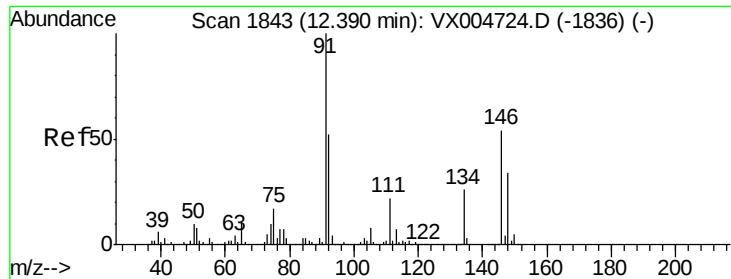
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#88
 1,4-Dichlorobenzene
 Concen: 54.76 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.2
148	64.8	32.0	96.0





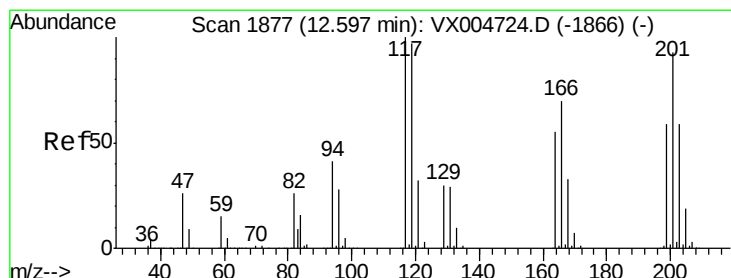
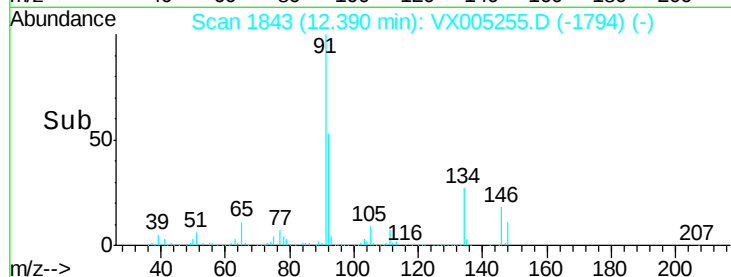
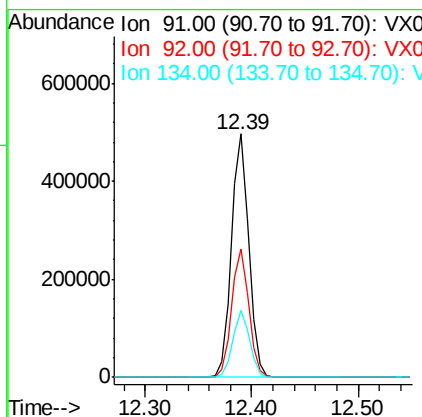
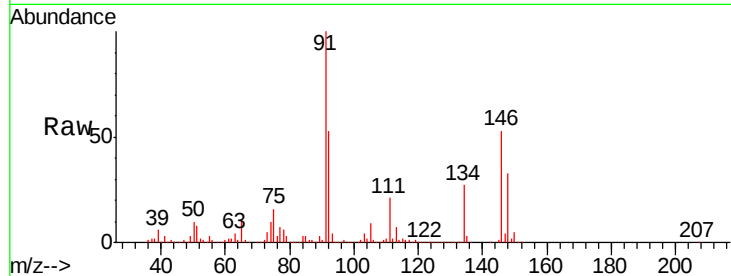
#89
n-Butylbenzene
Concen: 62.09 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 568623
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 26.7 13.2 39.6

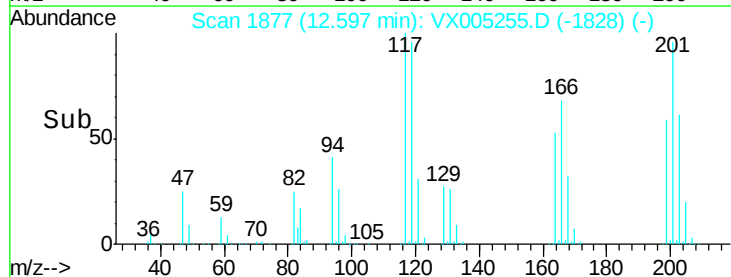
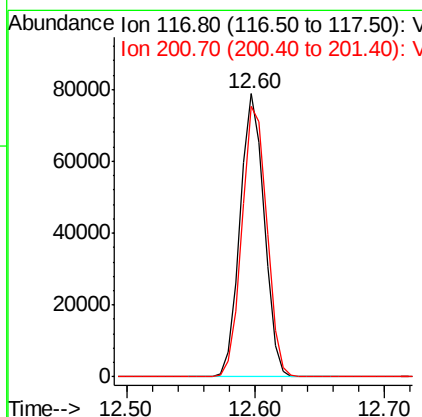
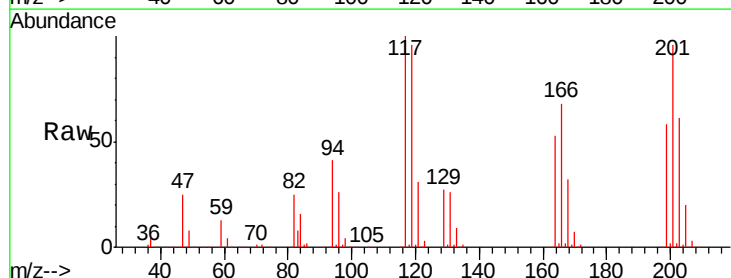
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#90
Hexachloroethane
Concen: 60.80 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 117 Resp: 102077
Ion Ratio Lower Upper
117 100
201 98.0 48.4 145.0





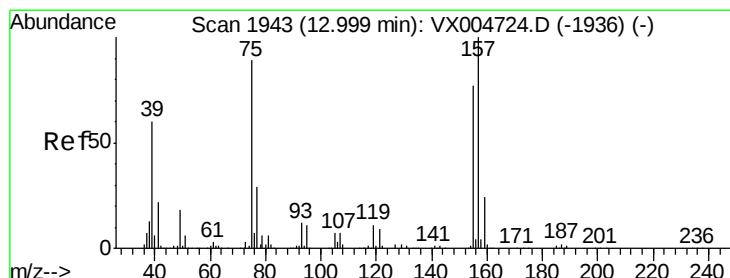
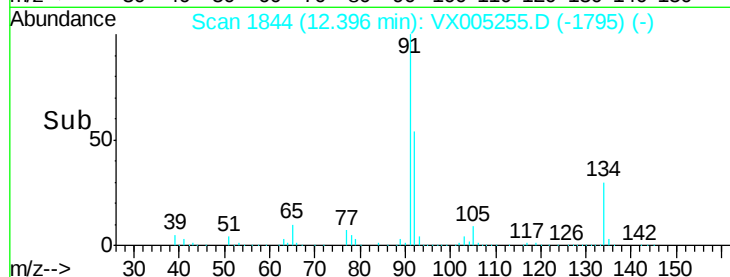
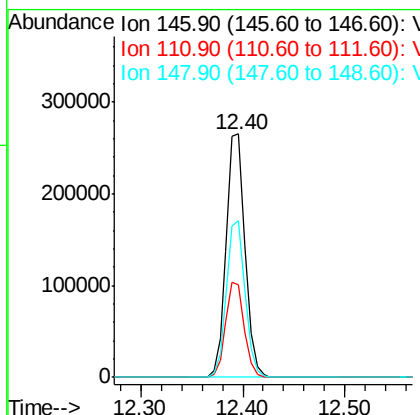
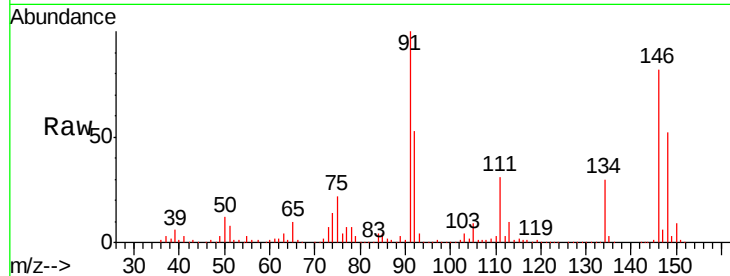
#91
1,2-Dichlorobenzene
Concen: 53.74 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	63.8	31.8	95.4

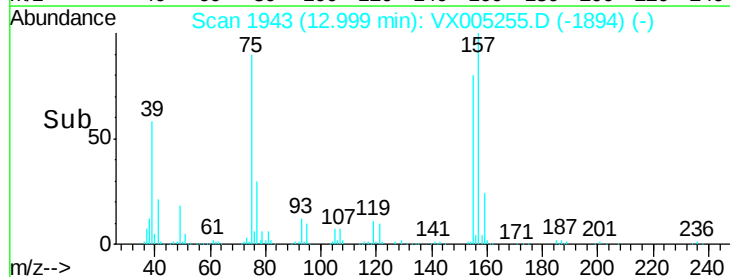
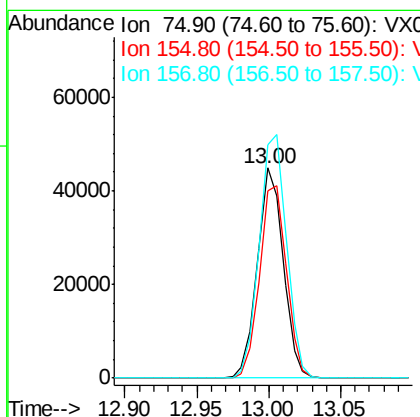
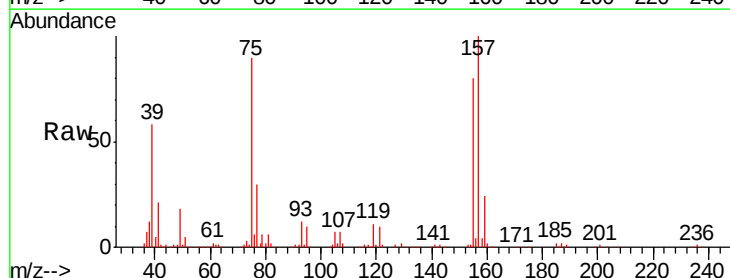
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#92
1,2-Dibromo-3-Chloropropane
Concen: 56.09 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	46.1	138.3
157	121.8	60.2	180.6





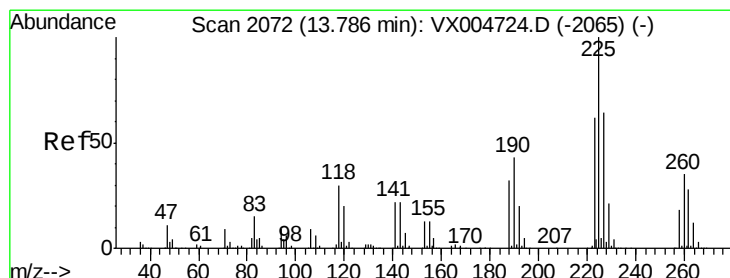
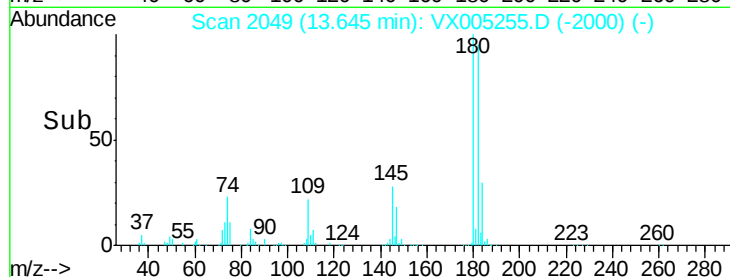
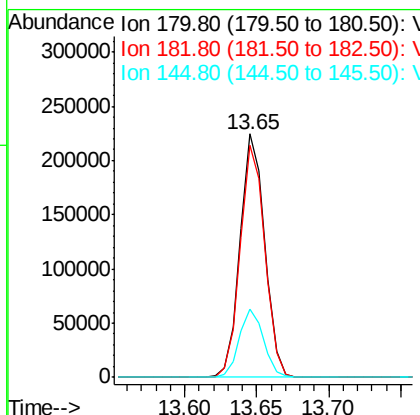
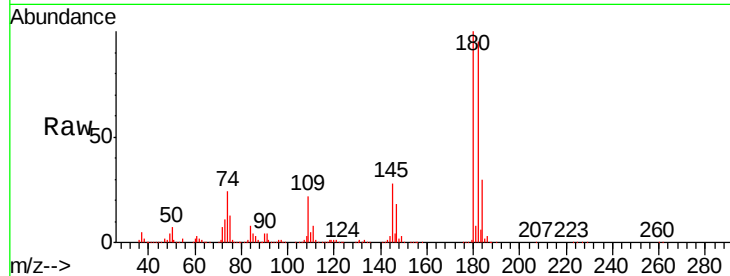
#93
 1,2,4-Trichlorobenzene
 Concen: 60.13 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	265360		
182	95.8	47.8	143.4	
145	27.9	14.1	42.4	

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#94
 Hexachlorobutadiene
 Concen: 59.53 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	136230		
223	62.8	31.3	93.8	
227	64.8	31.9	95.5	

