

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003789.D
 Acq On : 01 Aug 2018 09:20
 Operator : JC/SP
 Sample : J4164-04MSD
 Misc : 9.46G/5.0mL/MSVOA X/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Manual Integrations
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 8/1/2018 6:55:01 PM

Quant Time: Aug 01 11:44:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	5100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	5964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	4440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	1420	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	1657	32.12	ug/l	0.00
Spiked Amount			Recovery	=	64.24%	
35) Dibromofluoromethane	5.50	113	1846	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
50) Toluene-d8	8.72	98	6871	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.14	95	1623	30.06	ug/l	0.00
Spiked Amount			Recovery	=	60.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2957	68.69	ug/l	95
3) Chloromethane	1.32	50	2426	44.83	ug/l	96
4) Vinyl Chloride	1.40	62	3692	63.43	ug/l	92
5) Bromomethane	1.66	94	538	15.59	ug/l #	80
6) Chloroethane	1.73	64	1891	49.13	ug/l	99
7) Trichlorofluoromethane	1.94	101	5446	71.35	ug/l	91
8) Diethyl Ether	2.18	74	1001	34.70	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3300	68.16	ug/l	96
10) Methyl Iodide	2.52	142	693	12.45	ug/l #	85
11) Tert butyl alcohol	3.02	59	908	108.72	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	2621	57.50	ug/l	91
14) Allyl chloride	2.73	41	1971	24.39	ug/l	93
15) Acrylonitrile	3.14	53	1976	93.03	ug/l	98
16) Acetone	2.44	43	2860	145.16	ug/l	95
17) Carbon Disulfide	2.58	76	5581	37.63	ug/l	99
18) Methyl Acetate	2.77	43	2210	39.92	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	4597	37.05	ug/l	98
20) Methylene Chloride	2.86	84	2087	39.56	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	2022	40.48	ug/l	96
22) Diisopropyl ether	3.85	45	5884	40.34	ug/l	93
23) Vinyl Acetate	3.85	43	3590	34.12	ug/l #	73
24) 1,1-Dichloroethane	3.71	63	4427	52.04	ug/l	96
25) 2-Butanone	4.68	43	3036	105.71	ug/l	92
26) 2,2-Dichloropropane	4.59	77	2262	33.76	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	2053	38.14	ug/l	98
28) Bromochloromethane	5.01	49	1189	31.16	ug/l #	88
29) Tetrahydrofuran	5.14	42	1858	101.51	ug/l	97
30) Chloroform	5.21	83	4051	48.33	ug/l	94
31) Cyclohexane	5.59	56	5393	65.63	ug/l	90
32) 1,1,1-Trichloroethane	5.50	97	4634	64.32	ug/l	97
36) 1,1-Dichloropropene	5.81	75	3246	58.12	ug/l	99
37) Ethyl Acetate	4.85	43	1034	24.10	ug/l #	68
38) Carbon Tetrachloride	5.80	117	3165	61.26	ug/l	95
39) Methylcyclohexane	7.47	83	4371	63.74	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	11330	70.79	ug/l	97
41) Methacrylonitrile	5.06	41	672	27.79	ug/l #	90
42) 1,2-Dichloroethane	6.20	62	2066	42.74	ug/l	91
43) Isopropyl Acetate	6.45	43	2045	29.92	ug/l #	94
44) Trichloroethene	7.22	130	2476	54.23	ug/l	82
45) 1,2-Dichloropropane	7.52	63	2044	51.93	ug/l	96
46) Dibromomethane	7.67	93	797	35.14	ug/l	97
47) Bromodichloromethane	7.90	83	1999	44.22	ug/l	99
48) Methyl methacrylate	7.78	41	965	28.14	ug/l	97
49) 1,4-Dioxane	7.75	88	279	403.14	ug/l #	77
51) 4-Methyl-2-Pentanone	8.65	43	5420	129.01	ug/l	99
52) Toluene	8.79	92	4634	46.41	ug/l	97
53) t-1,3-Dichloropropene	9.05	75	635	12.30	ug/l	95
54) cis-1,3-Dichloropropene	8.44	75	1085	18.86	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	1315	38.27	ug/l	96
56) Ethyl methacrylate	9.18	69	1174	24.87	ug/l	90
57) 1,3-Dichloropropane	9.37	76	2167	37.57	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	1839	84.44	ug/l	98
59) 2-Hexanone	9.49	43	2960	92.49	ug/l	93
60) Dibromochloromethane	9.59	129	1272	36.76	ug/l	94
61) 1,2-Dibromoethane	9.68	107	949	27.05	ug/l	99
64) Tetrachloroethene	9.34	164	3296	94.44	ug/l	95
65) Chlorobenzene	10.14	112	4587	49.44	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	1754	57.97	ug/l	99
67) Ethyl Benzene	10.26	91	9261	59.11	ug/l	96
68) m/p-Xylenes	10.36	106	6452	105.28	ug/l	93
69) o-Xylene	10.70	106	3076	54.05	ug/l	98
70) Stvrene	10.71	104	3326	34.74	ug/l	97
71) Bromoform	10.86	173	618	29.71	ug/l #	99
73) Isopropylbenzene	11.02	105	9583	107.80	ug/l	99
74) N-amyl acetate	6.45	43	2045	64.90	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	11.27	83	1445	62.52	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	1113m	56.86	ug/l	
77) Bromobenzene	11.26	156	1500	64.72	ug/l	94
78) n-propylbenzene	11.36	91	9726	90.31	ug/l	100
79) 2-Chlorotoluene	11.42	91	5331	87.19	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	6252	82.40	ug/l #	65
81) trans-1,4-Dichloro-2-buten	11.02	75	99	14.98	ug/l #	77
82) 4-Chlorotoluene	11.51	91	4790	64.59	ug/l	99
83) tert-Butylbenzene	11.77	119	7133	95.04	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	5509	70.54	ug/l	98
85) sec-Butylbenzene	11.95	105	9021	93.95	ug/l	98
86) p-Isopropyltoluene	12.07	119	6314	72.35	ug/l #	69
87) 1,3-Dichlorobenzene	12.02	146	2453	52.32	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	1994	41.69	ug/l	96
89) n-Butylbenzene	12.39	91	4503	54.22	ug/l	95
90) Hexachloroethane	12.60	117	759	58.57	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	2024	46.36	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49	10.69	ug/l	53
93) 1,2,4-Trichlorobenzene	13.65	180	127	3.67	ug/l #	71

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	85	3.84	ug/l	91
95) Naphthalene	13.83	128	754	10.19	ug/l #	82
96) 1,2,3-Trichlorobenzene	14.02	180	65	2.07	ug/l #	40

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

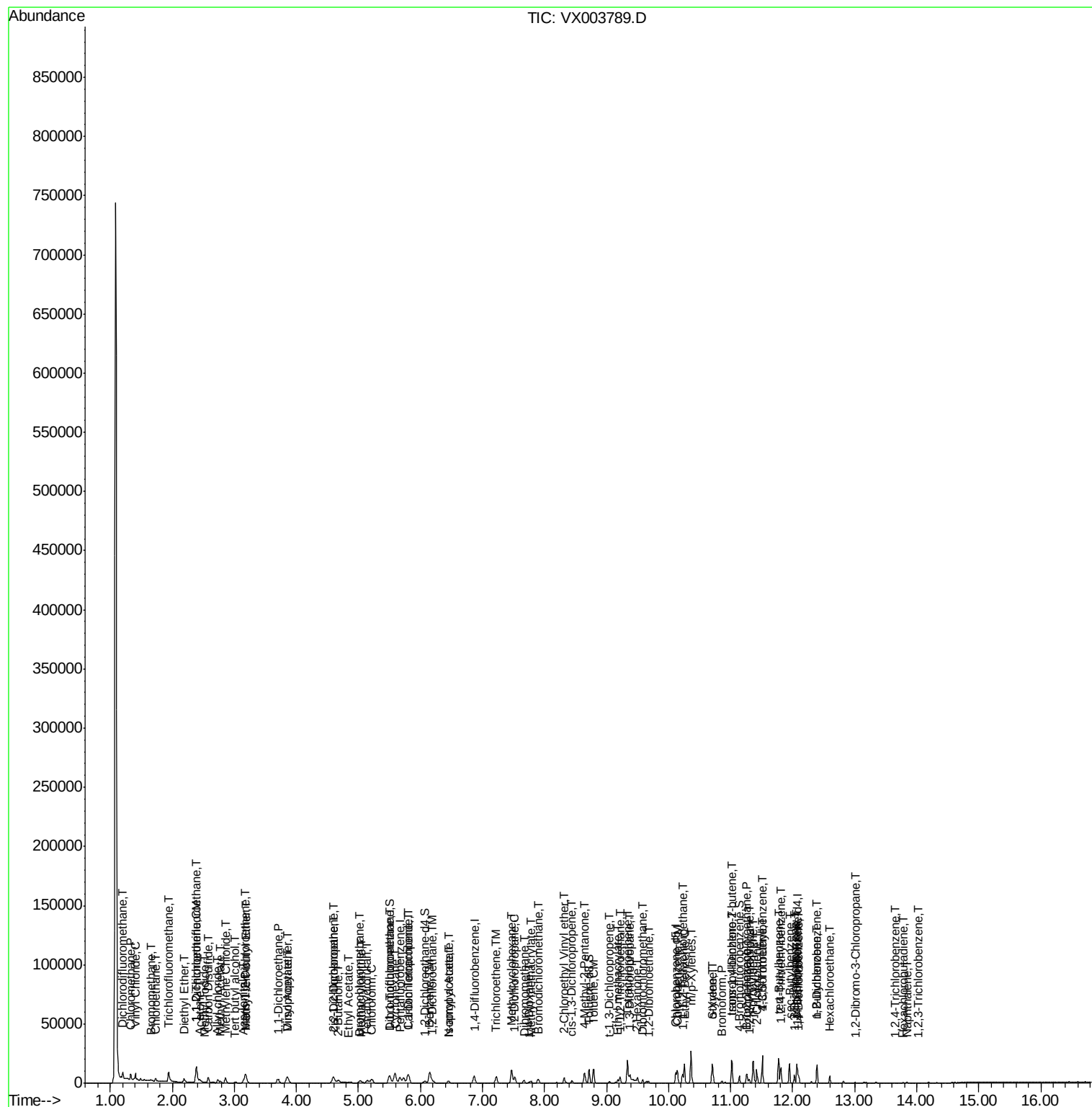
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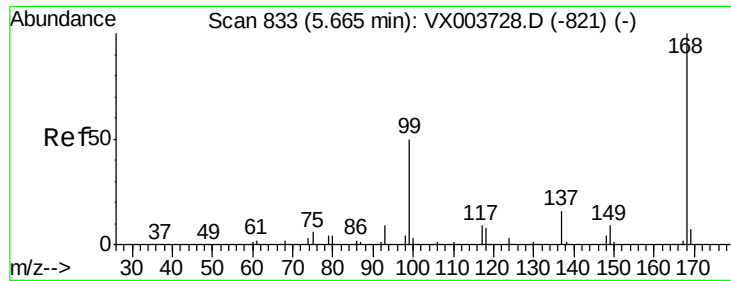
Instrument :
MSVOA_X
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion:168 Resp: 5100

Ion Ratio Lower Upper

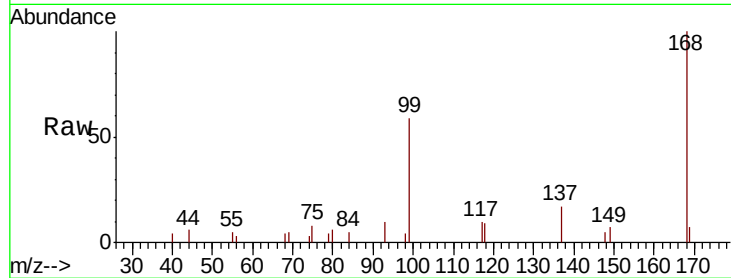
168 100

99 59.2 40.2 60.2

Manual Integrations
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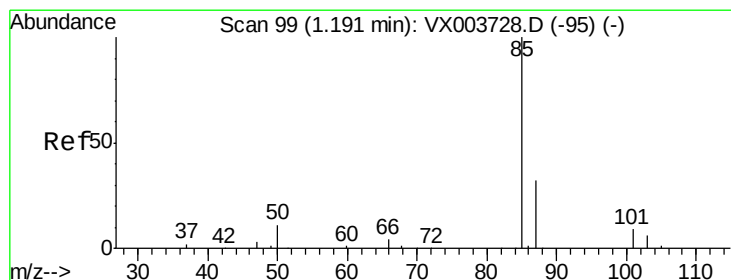
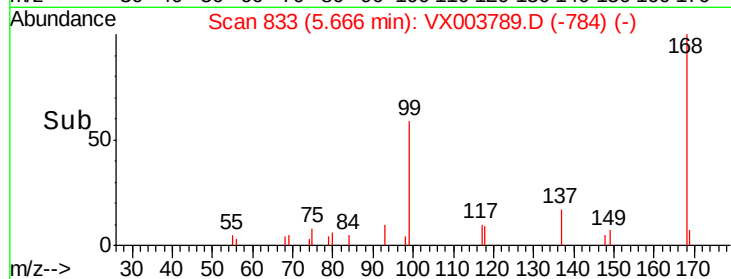
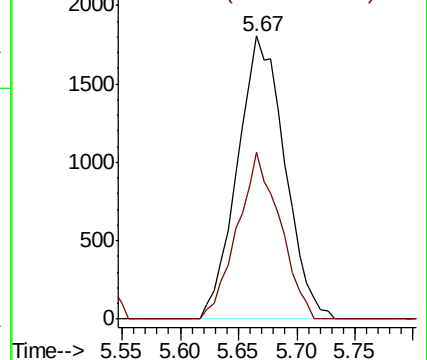
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 68.69 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX003789.D

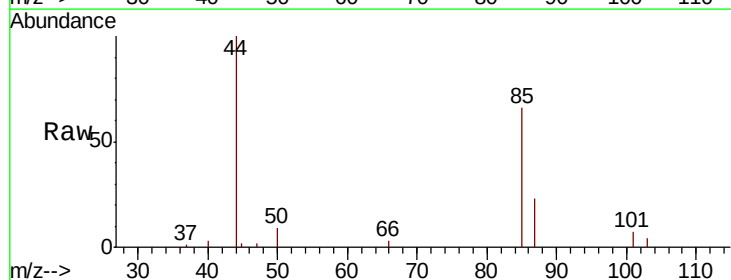
Acq: 01 Aug 2018 09:20

Tgt Ion: 85 Resp: 2957

Ion Ratio Lower Upper

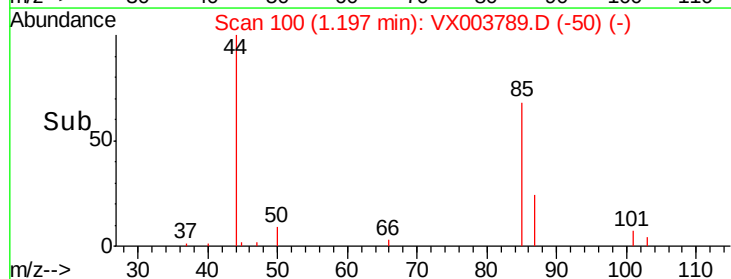
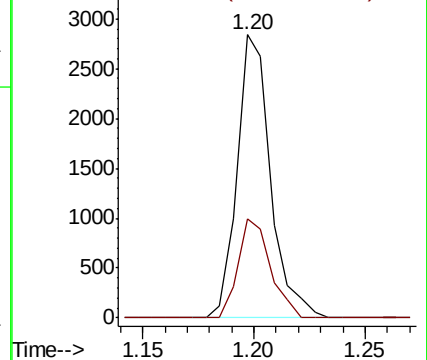
85 100

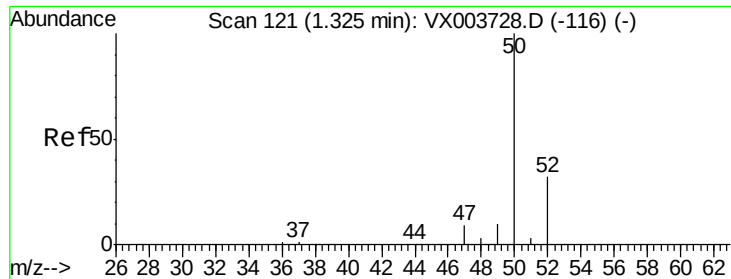
87 35.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.83 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 50 Resp: 2426

Ion Ratio Lower Upper

50 100

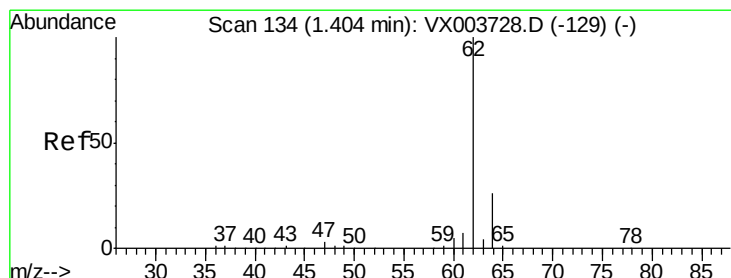
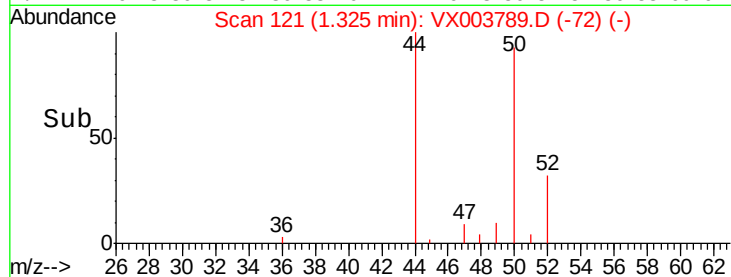
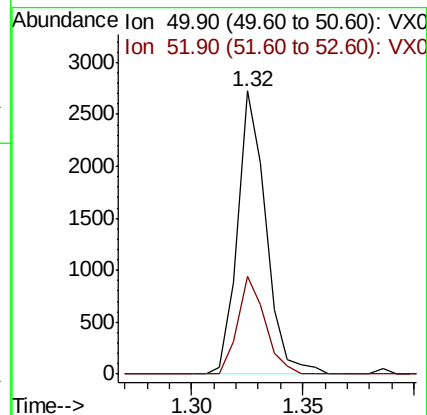
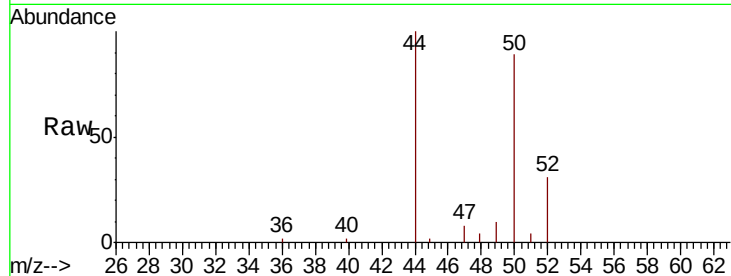
52 34.5 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 63.43 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003789.D

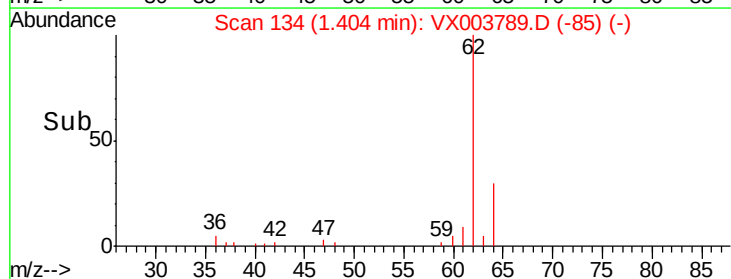
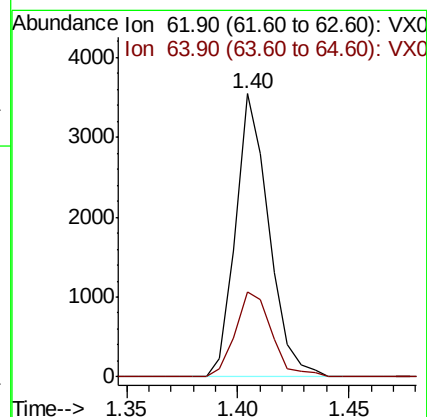
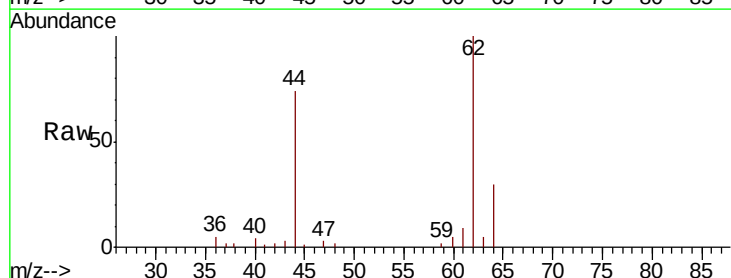
Acq: 01 Aug 2018 09:20

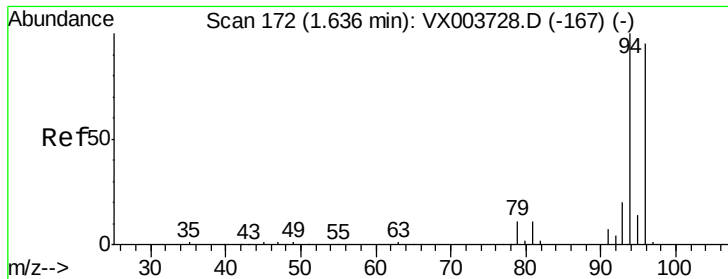
Tgt Ion: 62 Resp: 3692

Ion Ratio Lower Upper

62 100

64 30.1 21.0 31.4





#5

Bromomethane

Concen: 15.59 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MSD

Tot Ion: 94 Resp: 538

Ion Ratio Lower Upper

94 100

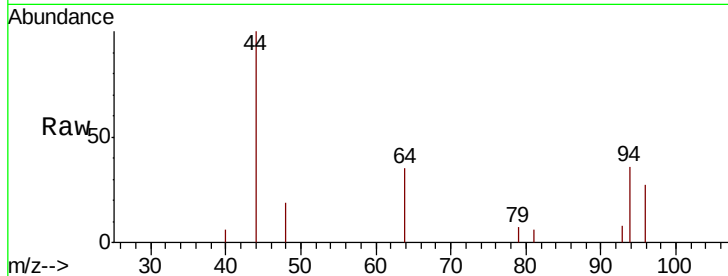
96 75.4 76.0 114.0#

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

400

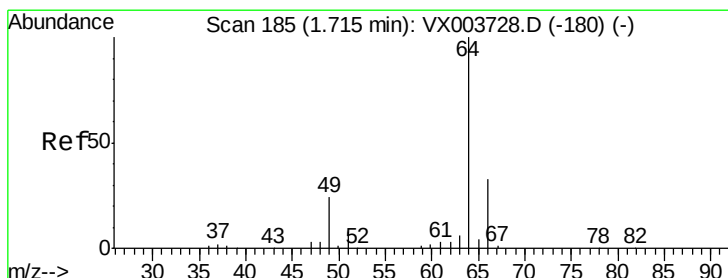
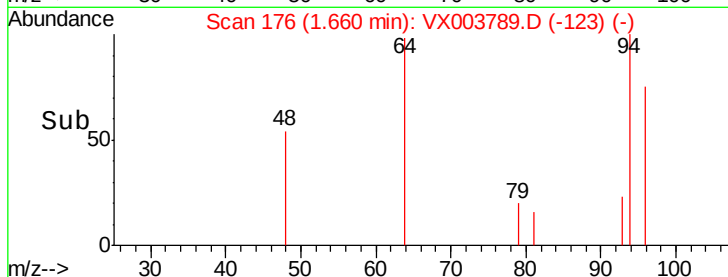
300

200

100

0

Time--> 1.60 1.65 1.70



#6

Chloroethane

Concen: 49.13 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.02 min

Lab File: VX003789.D

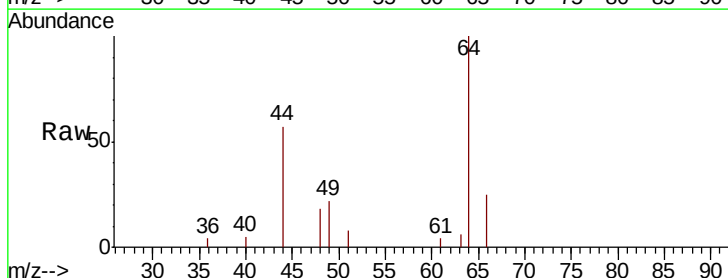
Acq: 01 Aug 2018 09:20

Tgt Ion: 64 Resp: 1891

Ion Ratio Lower Upper

64 100

66 32.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

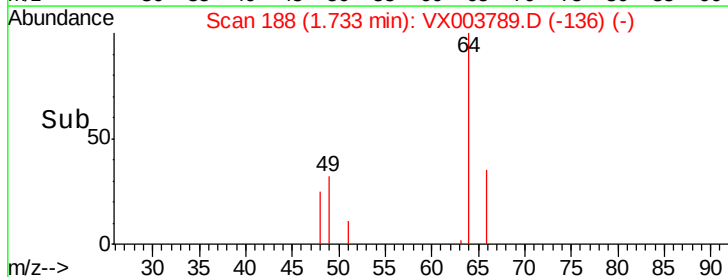
1500

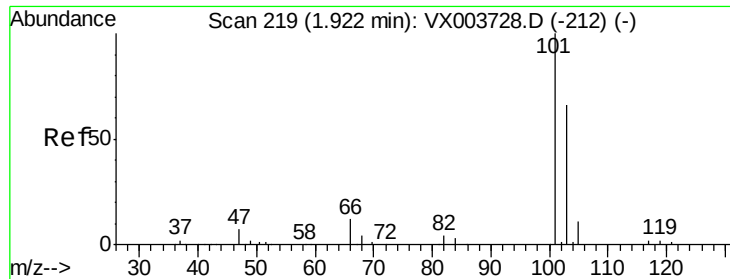
1000

500

0

Time--> 1.70 1.75 1.80





#7

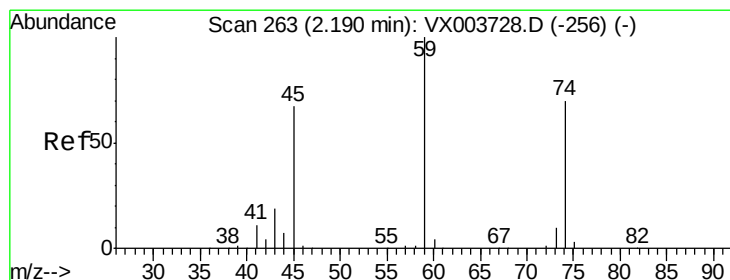
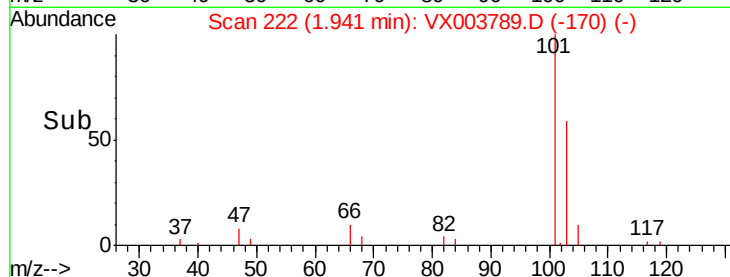
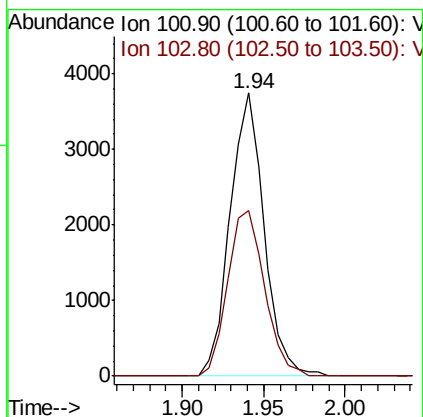
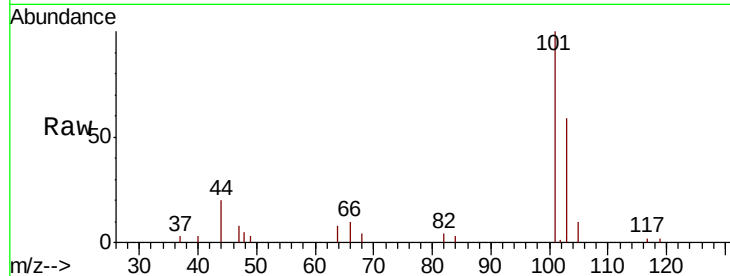
Trichlorofluoromethane
Concen: 71.35 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.02 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	58.7	52.6	78.8

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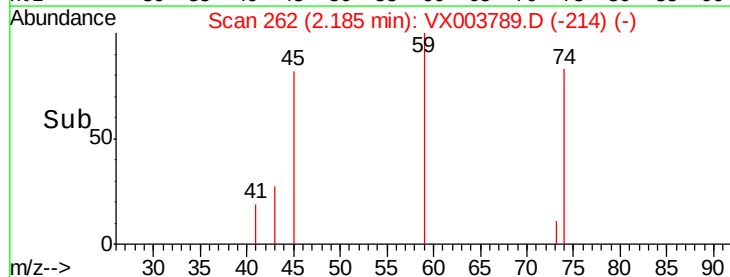
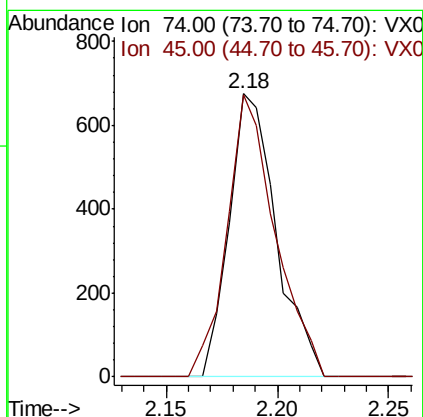
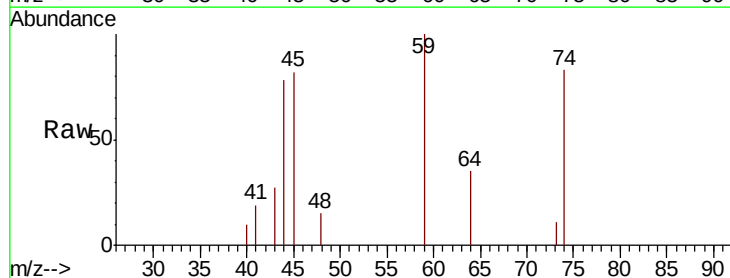
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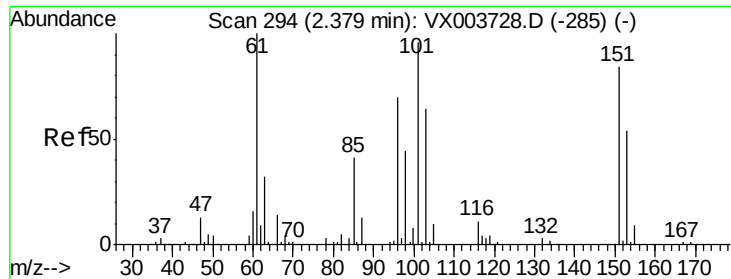


#8

Diethyl Ether
Concen: 34.70 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.16 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

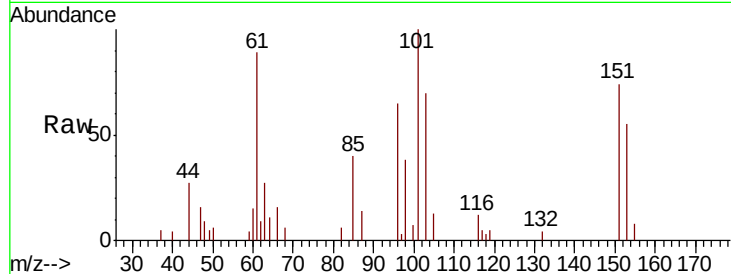
ClientSampleId :

SB-6(7-9)MSD

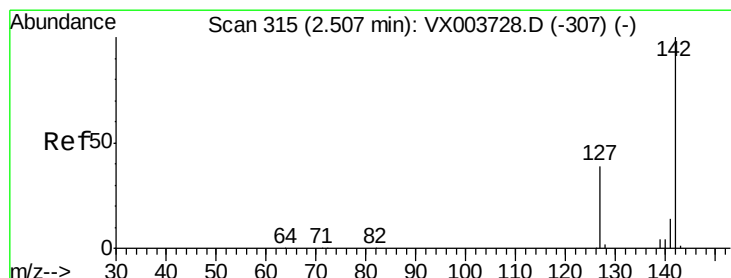
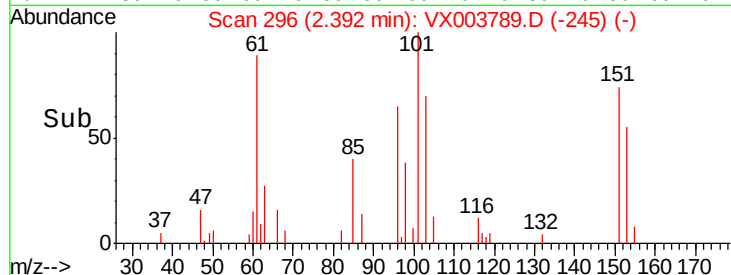
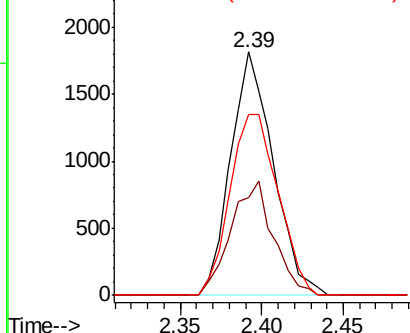
Tot Ion:	101	Resp:	3300
Ion Ratio	Lower	Upper	
101	100		
85	46.6	33.3	49.9
151	84.1	68.8	103.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.45 ug/l

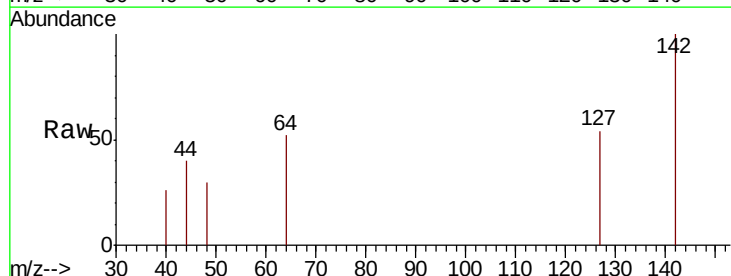
RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

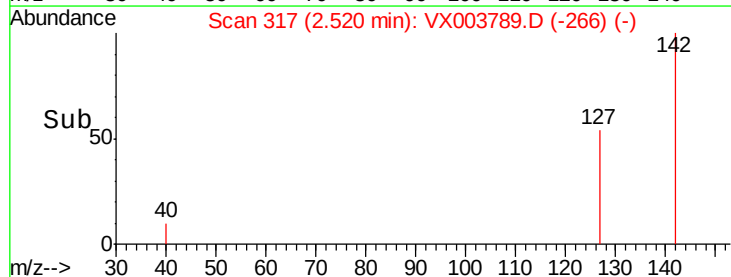
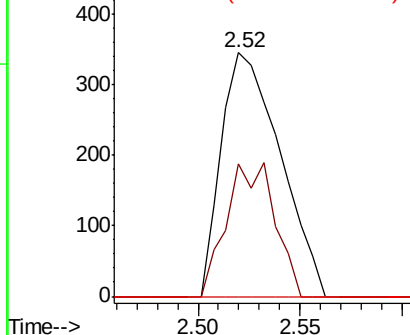
Lab File: VX003789.D

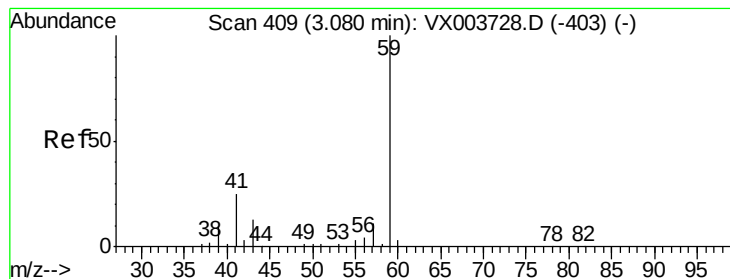
Acq: 01 Aug 2018 09:20

Tgt Ion:	142	Resp:	693
Ion Ratio	Lower	Upper	
142	100		
127	44.7	32.0	48.0
141	0.0	11.3	16.9#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

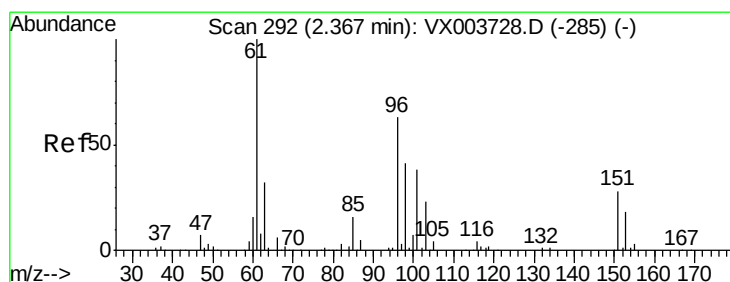
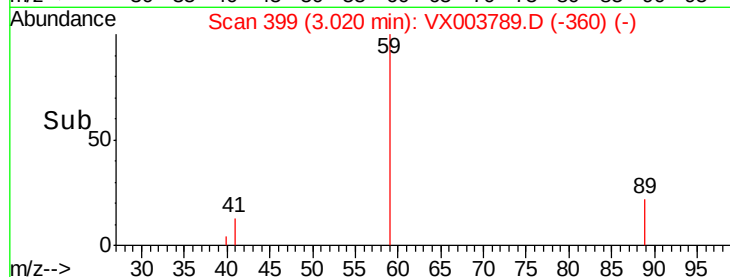
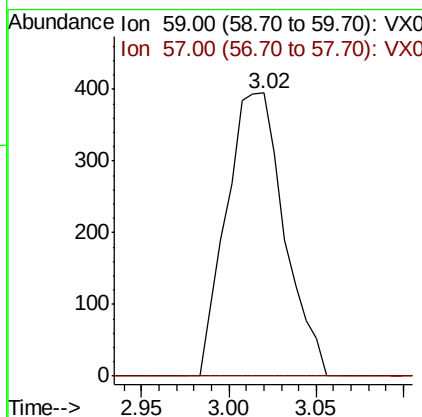
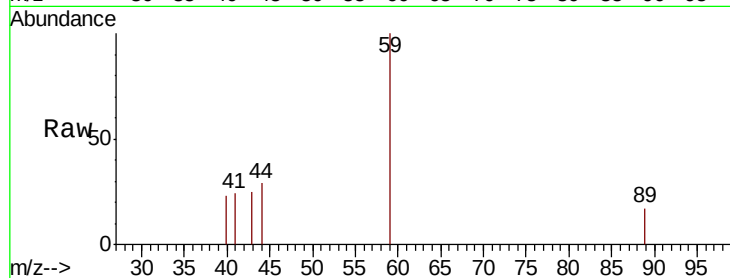
Tert butyl alcohol
Concen: 108.72 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

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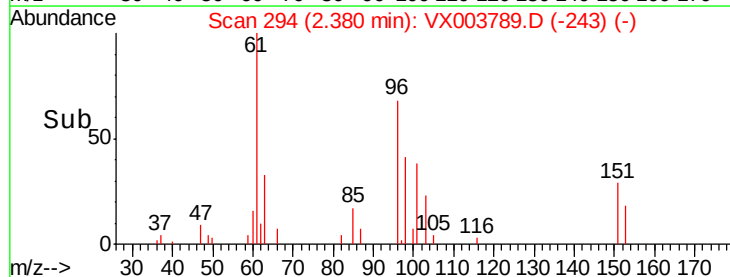
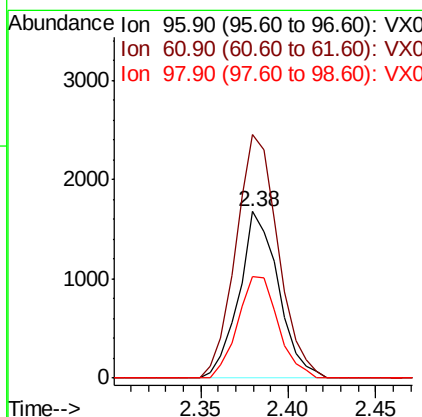
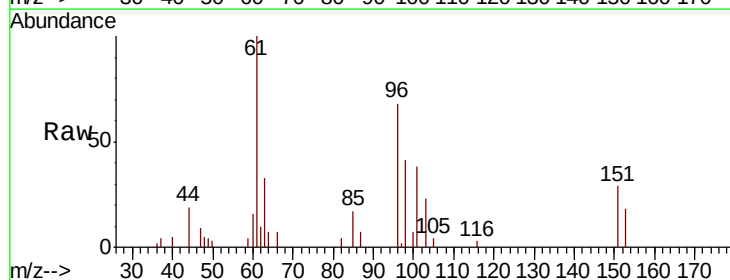
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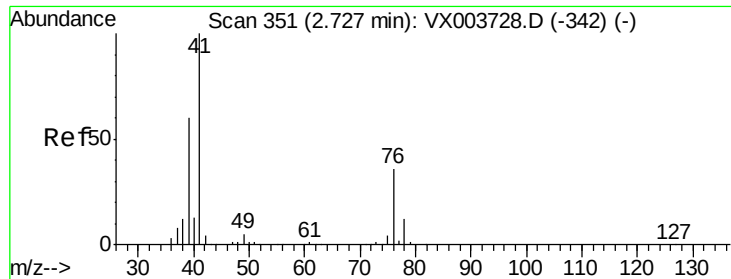


#12

1,1-Dichloroethene
Concen: 57.50 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.1	127.1	190.7
98	60.5	52.0	78.0





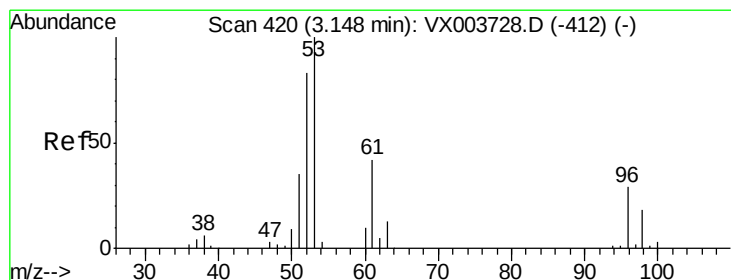
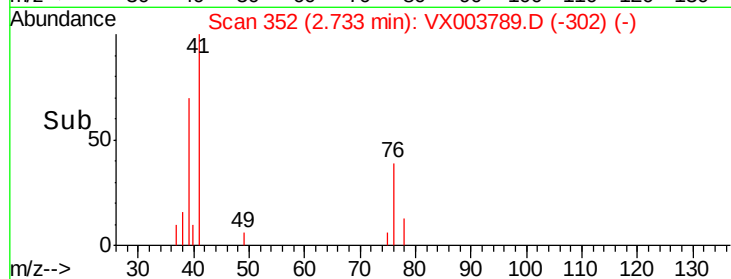
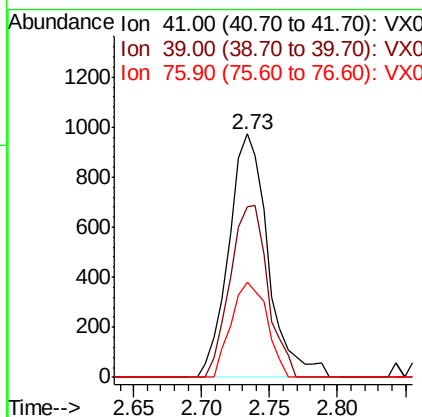
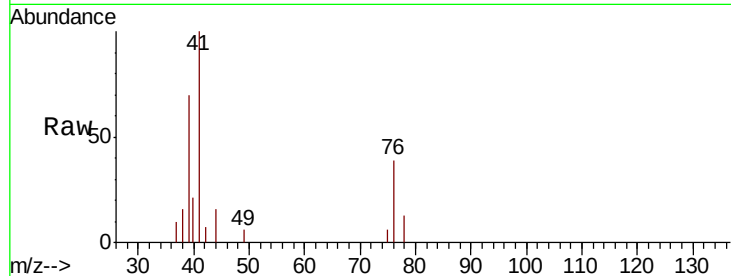
#14
Allvl chloride
Concen: 24.39 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MSD

Tot Ion:	41	Resp:	1971
Ion	Ratio	Lower	Upper
41	100		
39	67.3	47.7	71.5
76	35.2	27.0	40.6

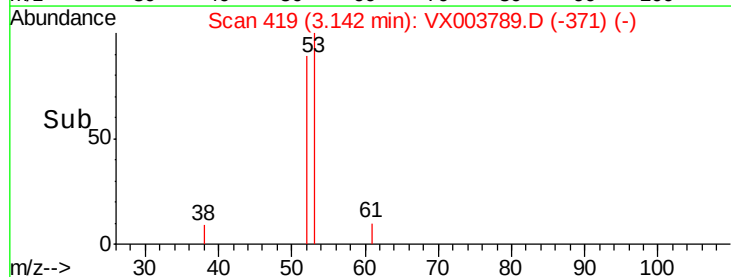
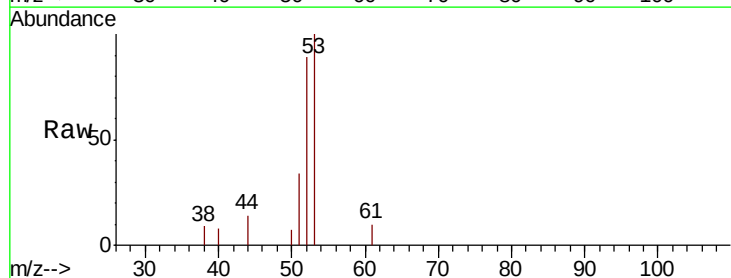
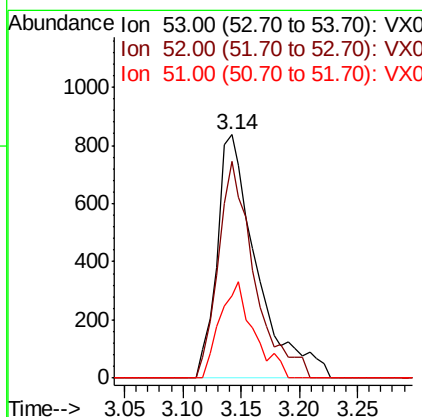
Manual Integrations
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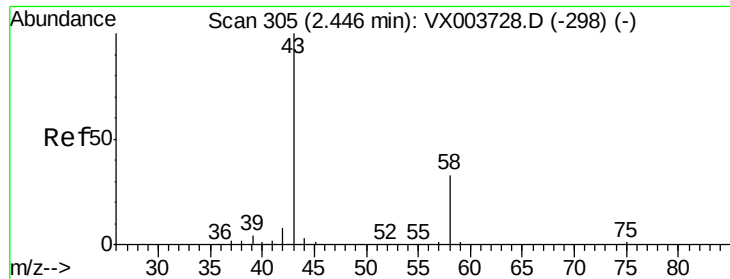
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#15
Acrylonitrile
Concen: 93.03 ug/l
RT: 3.14 min Scan# 419
Delta R.T. -0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion:	53	Resp:	1976
Ion	Ratio	Lower	Upper
53	100		
52	80.9	66.2	99.2
51	33.8	28.5	42.7





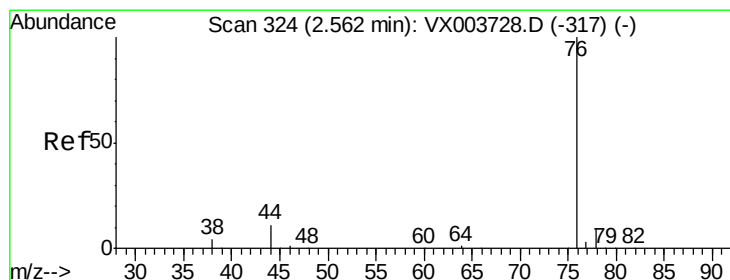
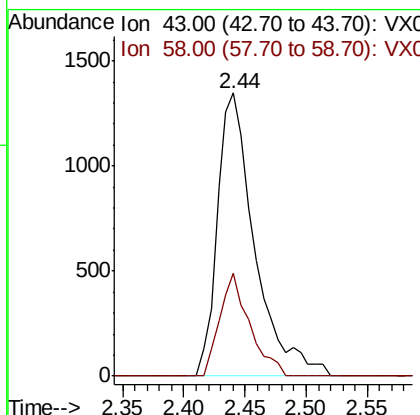
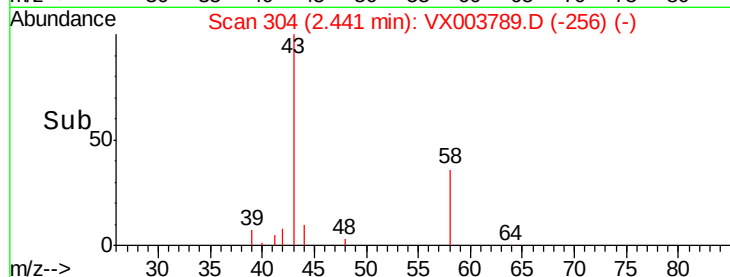
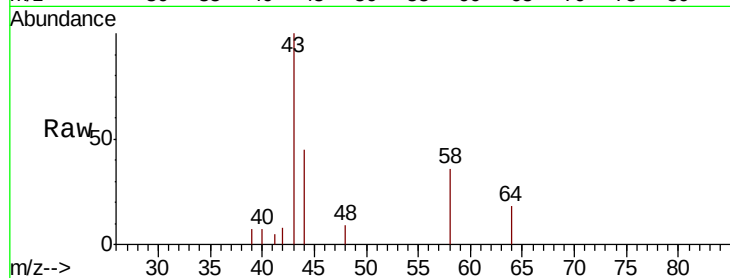
#16
Acetone
Concen: 145.16 ug/l
RT: 2.44 min Scan# 304
Delta R.T. -0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.2	26.7	40.1

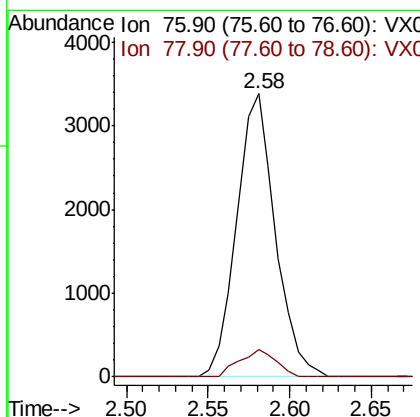
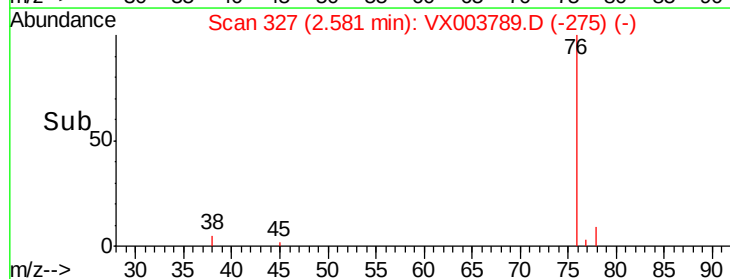
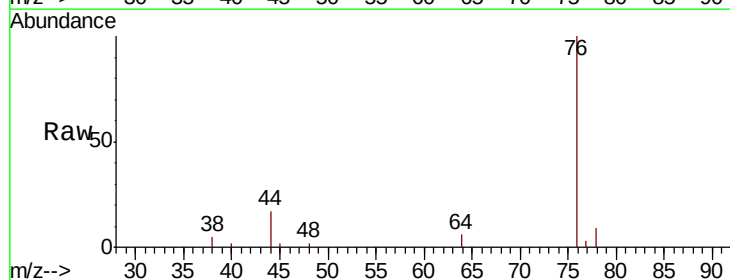
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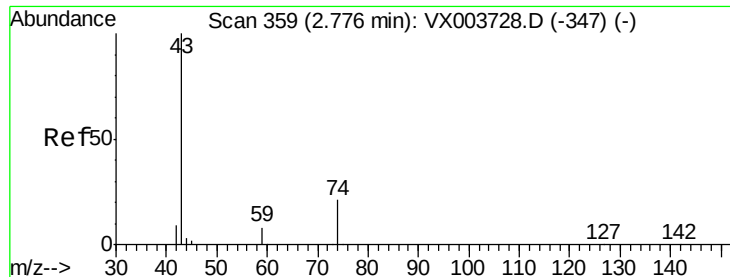
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#17
Carbon Disulfide
Concen: 37.63 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.02 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9





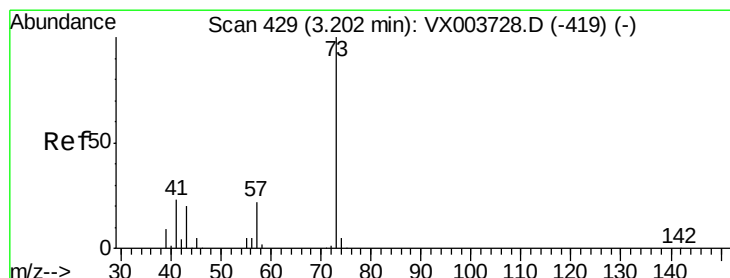
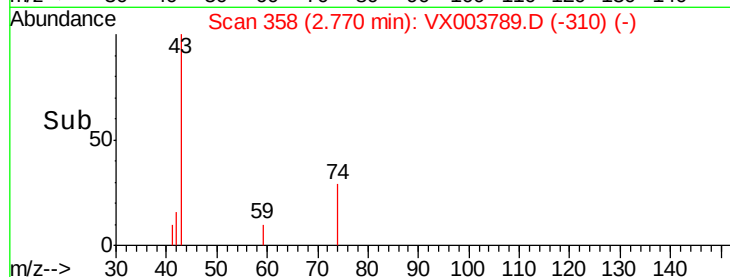
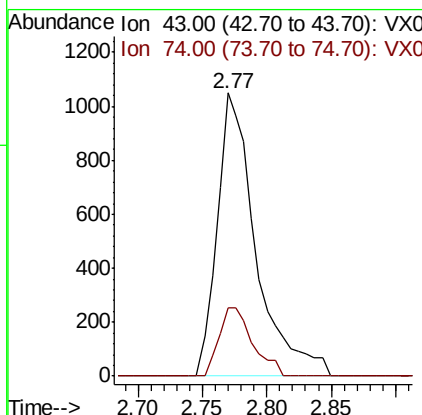
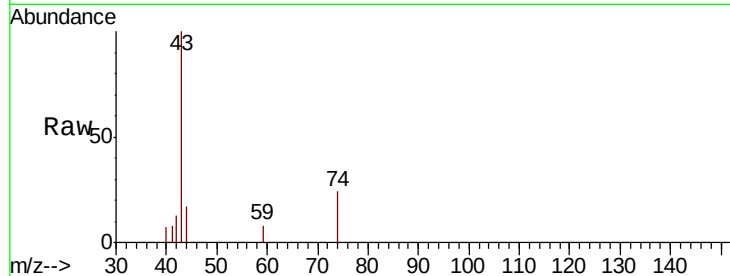
#18
Methyl Acetate
Concen: 39.92 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	43	Resp	2210
Ion Ratio	Lower	Upper	
43	100		
74	21.0	18.9	28.3

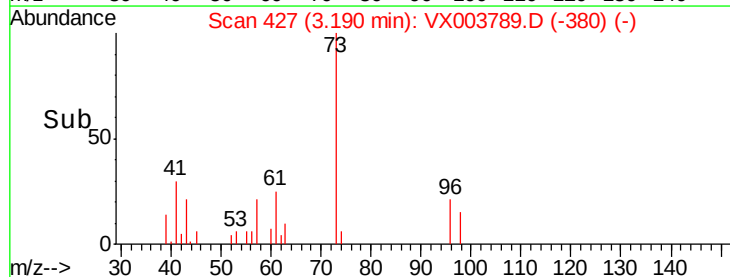
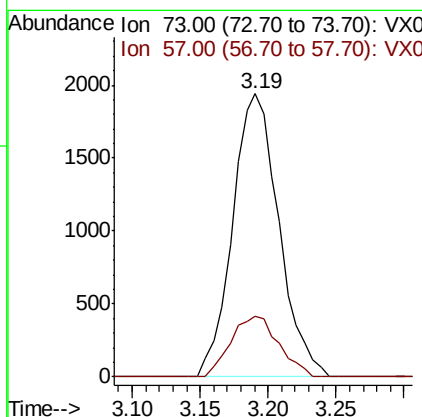
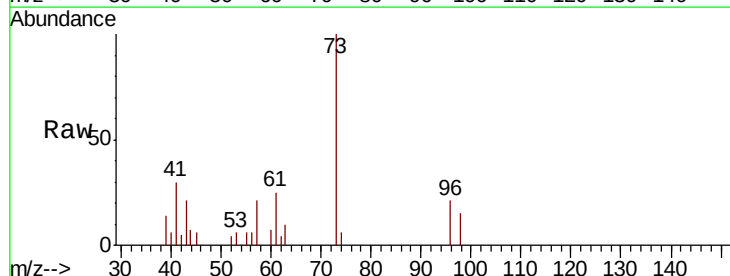
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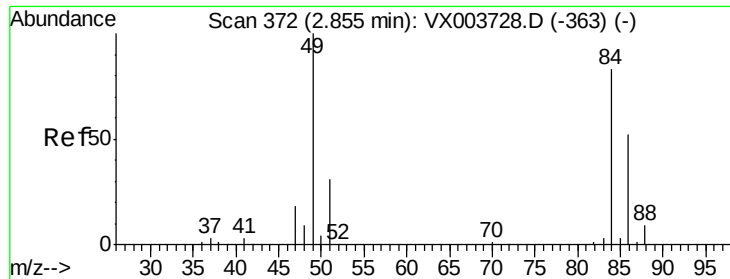
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#19
Methyl tert-butyl Ether
Concen: 37.05 ug/l
RT: 3.19 min Scan# 427
Delta R.T. -0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion	73	Resp	4597
Ion Ratio	Lower	Upper	
73	100		
57	21.5	18.0	27.0





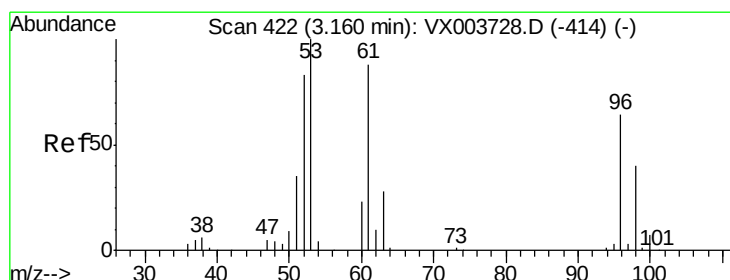
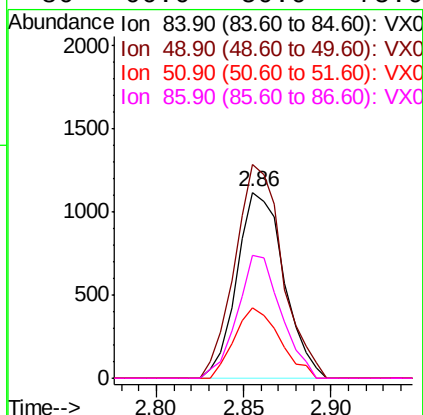
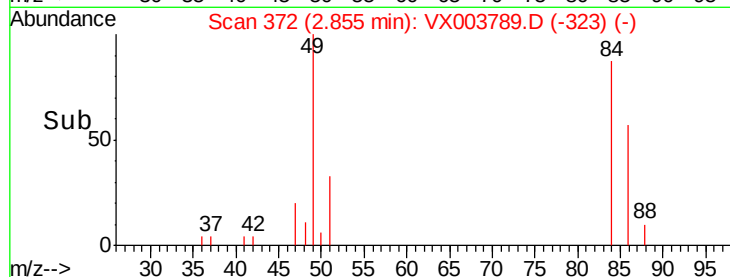
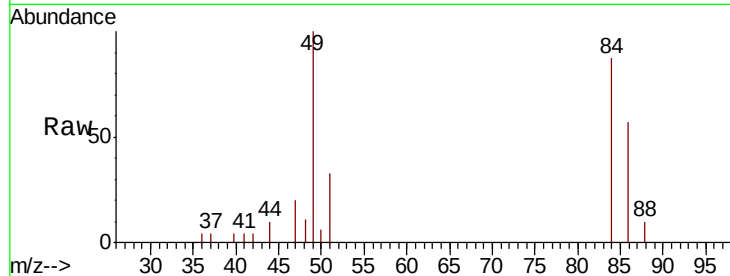
#20
Methylene Chloride
Concen: 39.56 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	84	Resp	2087
Ion	Ratio	Lower	Upper
84	100		
49	114.9	95.8	143.8
51	38.0	29.6	44.4
86	66.0	50.0	75.0

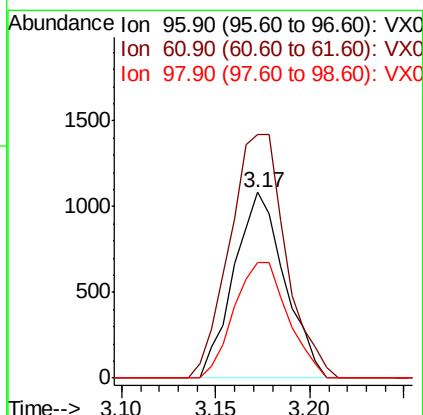
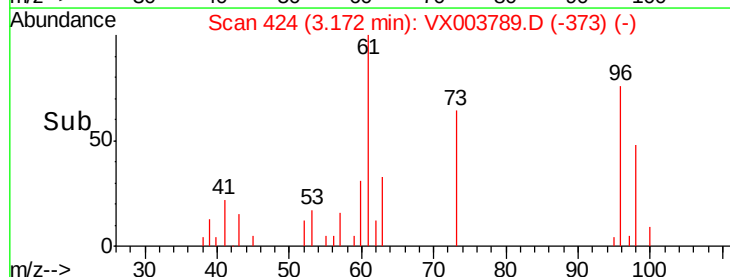
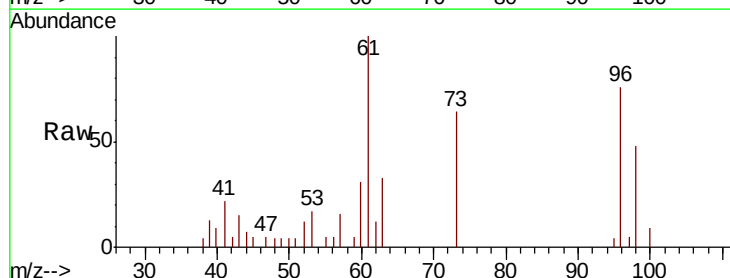
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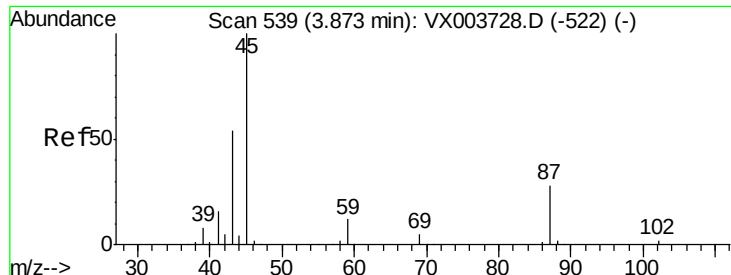
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#21
trans-1,2-Dichloroethene
Concen: 40.48 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion	96	Resp	2022
Ion	Ratio	Lower	Upper
96	100		
61	131.1	110.9	166.3
98	62.5	50.2	75.4





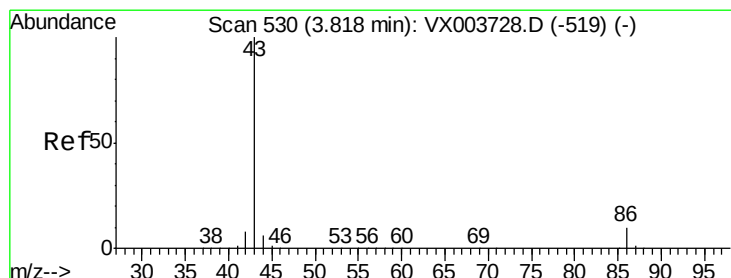
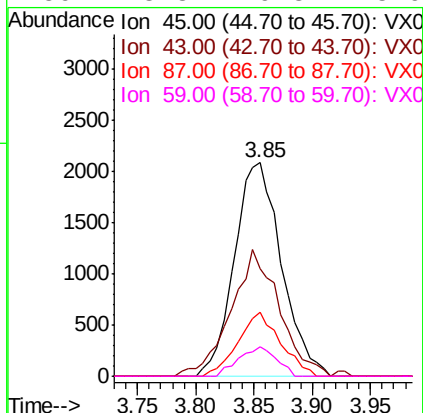
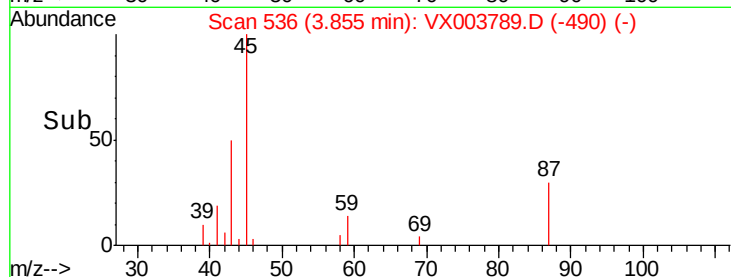
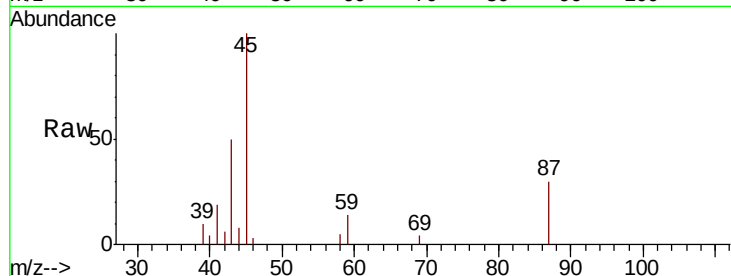
#22
Diisopropyl ether
Concen: 40.34 ug/l
RT: 3.85 min Scan# 536
Delta R.T. -0.02 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion:	45	Resp:	5884
Ion	Ratio	Lower	Upper
45	100		
43	47.8	43.5	65.3
87	29.8	22.6	33.8
59	13.8	9.3	13.9

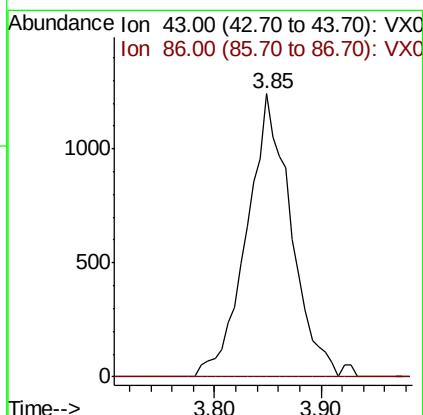
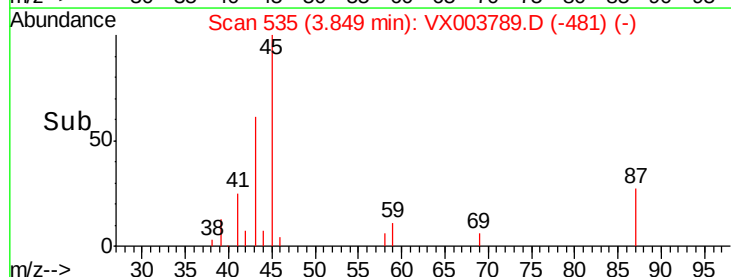
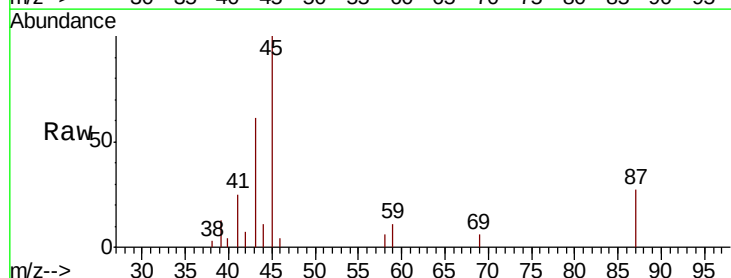
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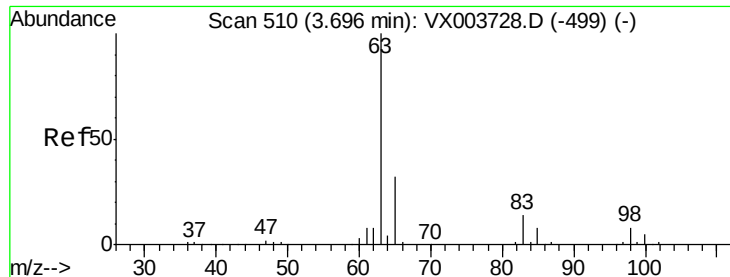
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#23
Vinyl Acetate
Concen: 34.12 ug/l
RT: 3.85 min Scan# 535
Delta R.T. 0.03 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion:	43	Resp:	3590
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.2#





#24

1,1-Dichloroethane

Concen: 52.04 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

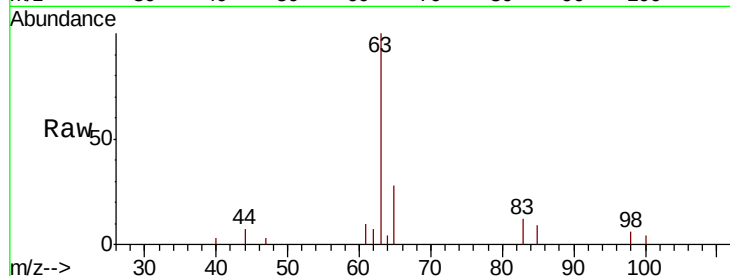
ClientSampleId :

SB-6(7-9)MSD

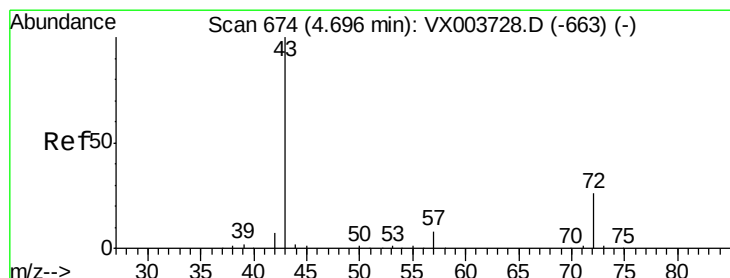
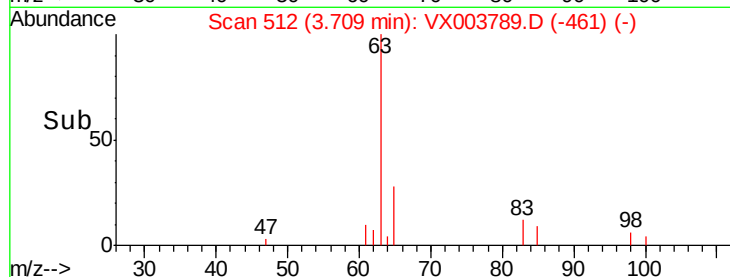
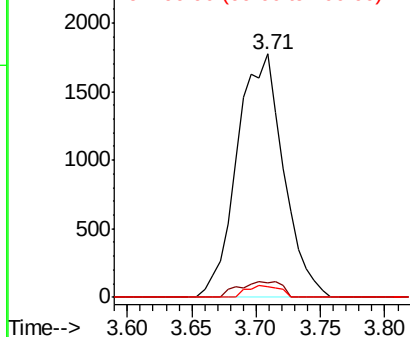
Tot Ion:	63	Resp:	4427
Ion	Ratio	Lower	Upper
63	100		
98	5.9	4.0	12.0
100	4.3	2.4	7.2

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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



#25

2-Butanone

Concen: 105.71 ug/l

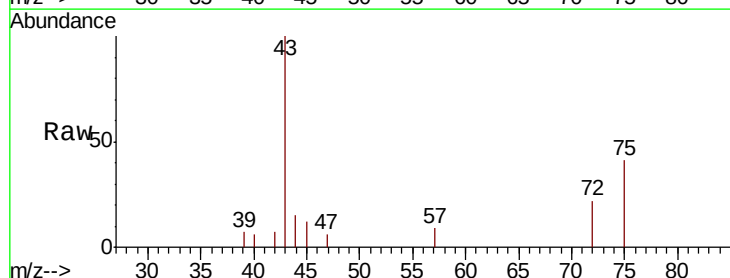
RT: 4.68 min Scan# 672

Delta R.T. -0.01 min

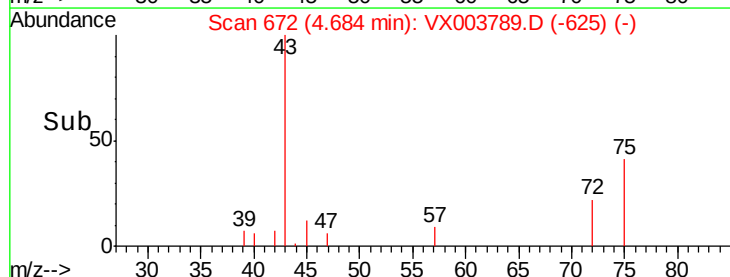
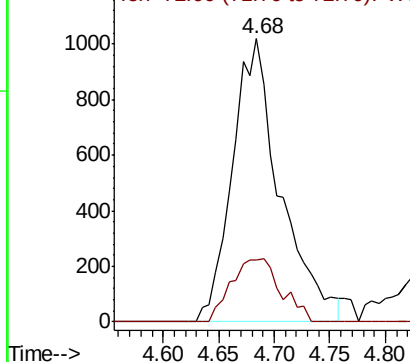
Lab File: VX003789.D

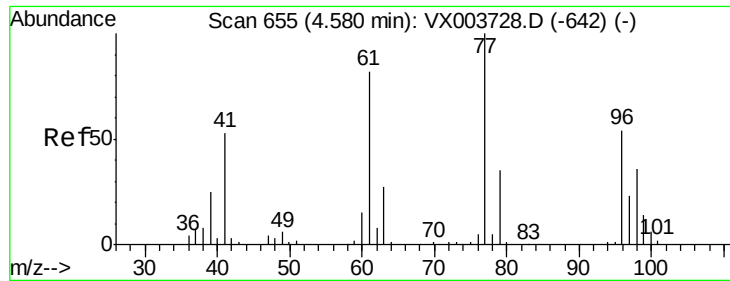
Acq: 01 Aug 2018 09:20

Tgt Ion:	43	Resp:	3036
Ion	Ratio	Lower	Upper
43	100		
72	21.8	20.9	31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 33.76 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MSD

Tot Ion: 77 Resp: 2262

Ion Ratio Lower Upper

77 100

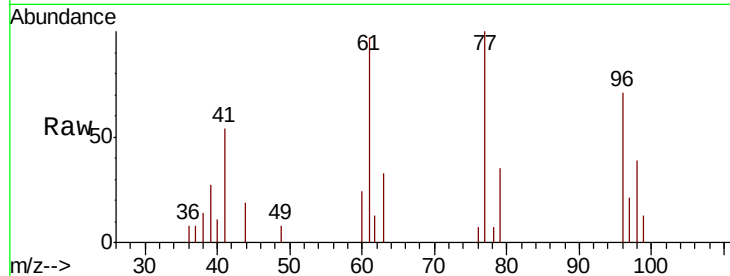
97 20.9 12.2 36.6

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Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

800

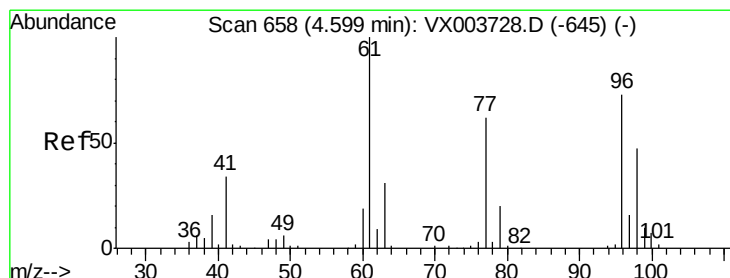
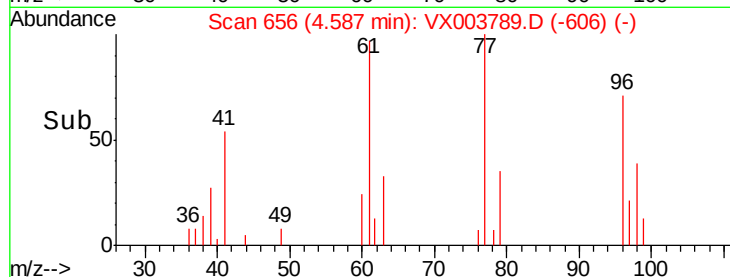
600

400

200

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 38.14 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

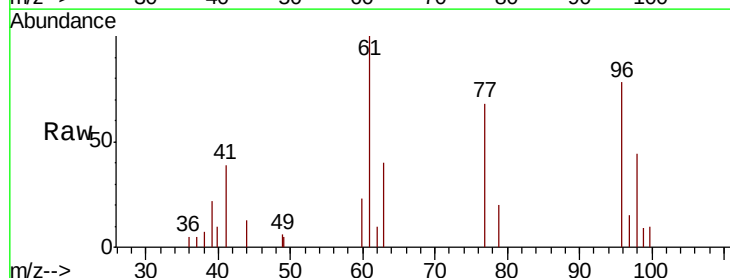
Tgt Ion: 96 Resp: 2053

Ion Ratio Lower Upper

96 100

61 145.3 0.0 285.6

98 63.8 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

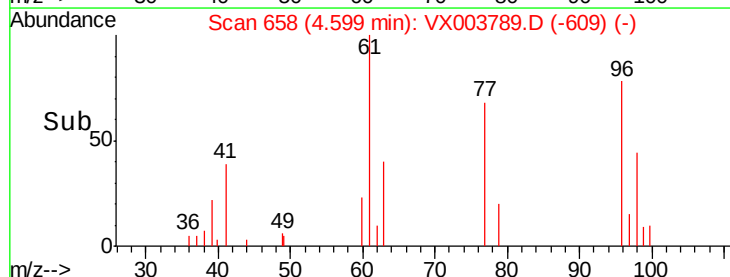
4.60

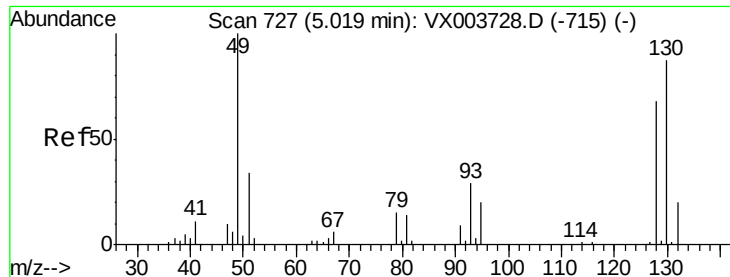
1000

500

0

Time-->





#28

Bromochloromethane

Concen: 31.16 ug/l

RT: 5.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

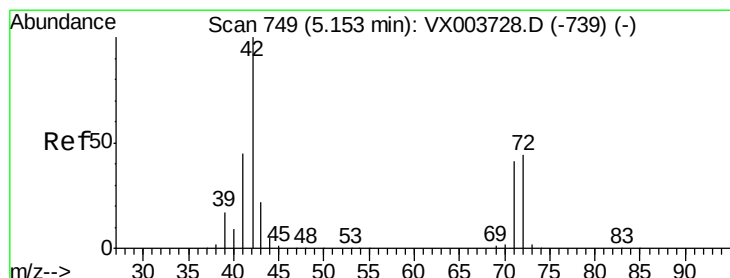
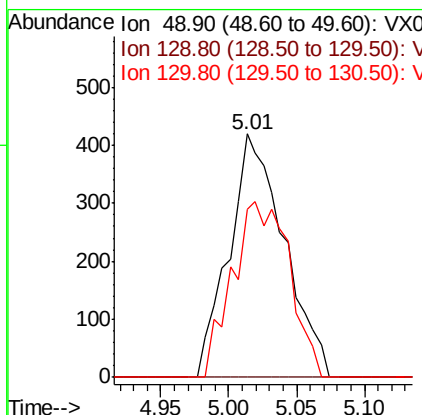
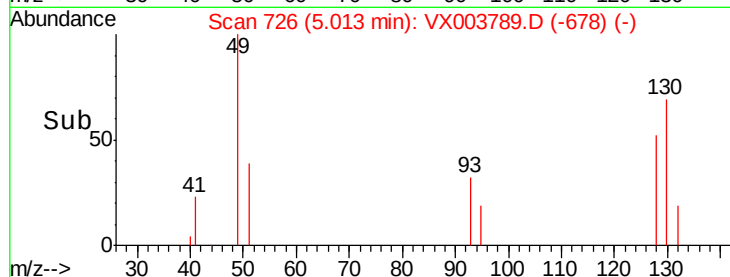
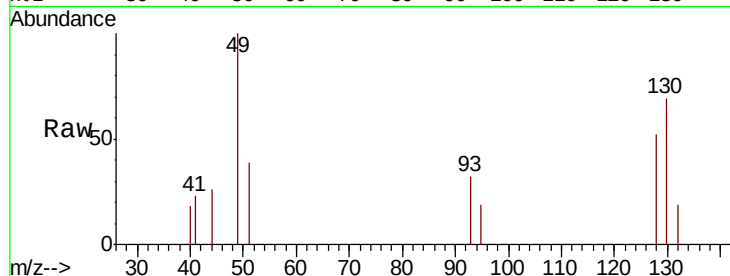
SB-6(7-9)MSD

Tot Ion: 49 Resp: 1189

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	74.5	68.9	103.3

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#29

Tetrahydrofuran

Concen: 101.51 ug/l

RT: 5.14 min Scan# 747

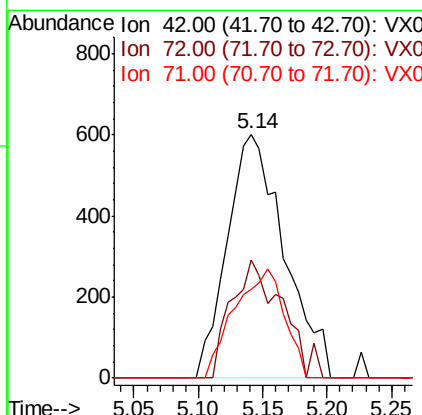
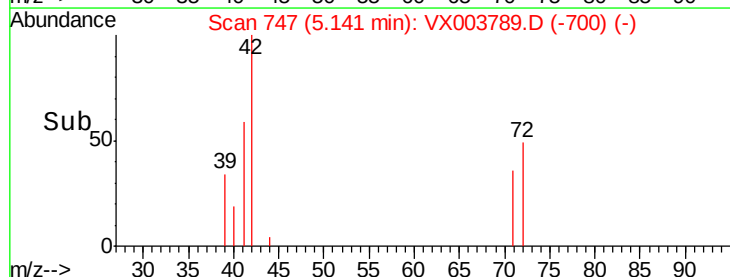
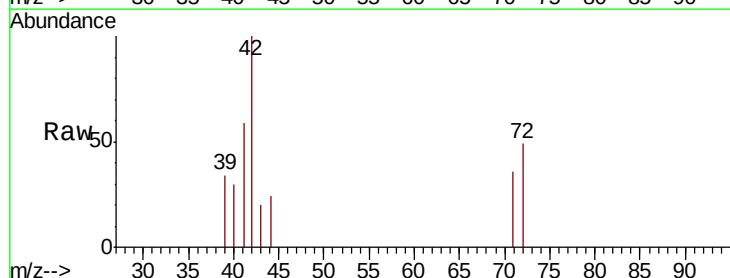
Delta R.T. -0.01 min

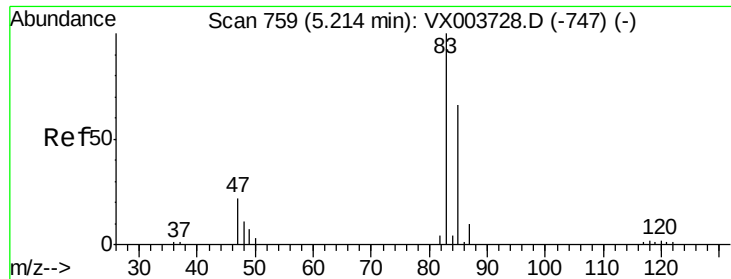
Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Tgt Ion: 42 Resp: 1858

Ion	Ratio	Lower	Upper
42	100		
72	43.3	35.6	53.4
71	39.0	33.4	50.0





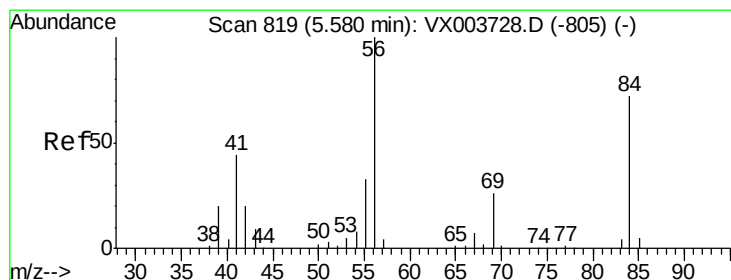
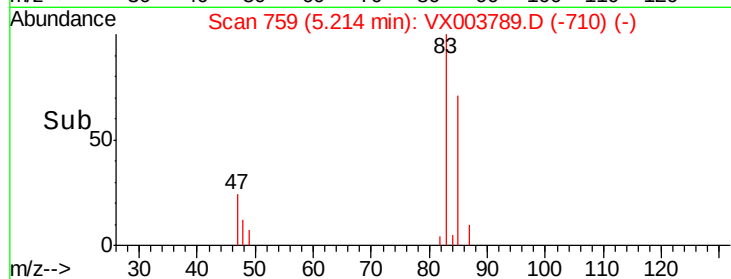
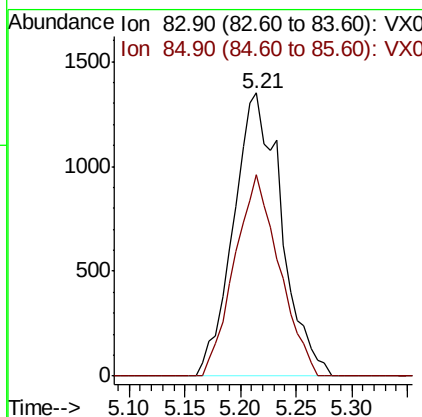
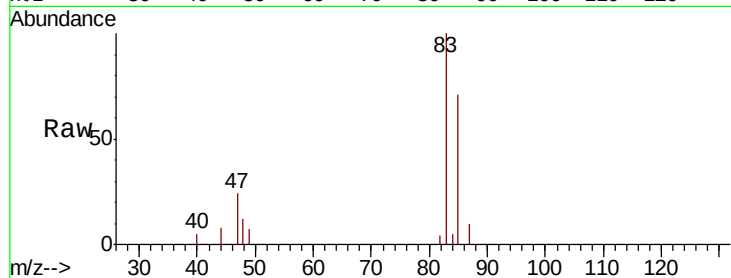
#30
Chloroform
Concen: 48.33 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion: 83 Resp: 4051
Ion Ratio Lower Upper
83 100
85 71.0 52.8 79.2

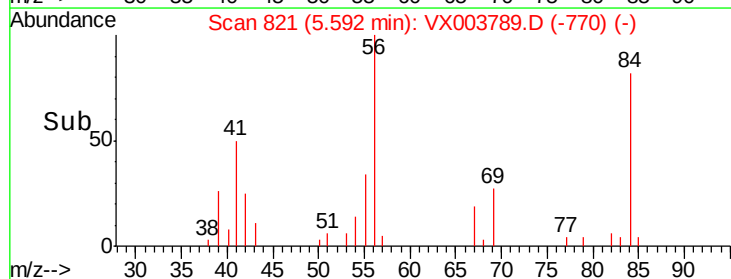
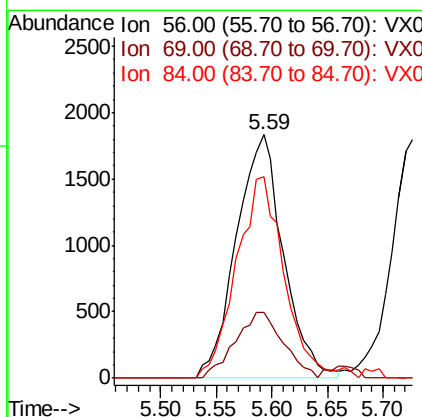
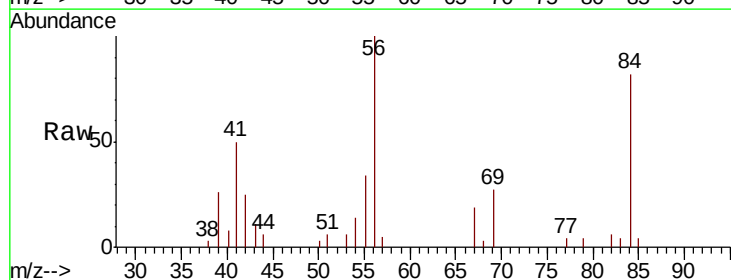
Manual Integrations
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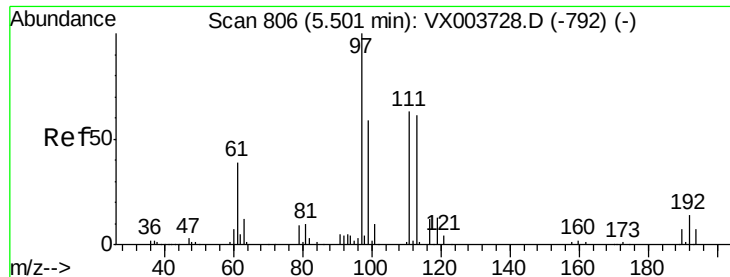
apatel
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#31
Cyclohexane
Concen: 65.63 ug/l
RT: 5.59 min Scan# 821
Delta R.T. 0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion: 56 Resp: 5393
Ion Ratio Lower Upper
56 100
69 27.1 20.6 30.8
84 82.5 57.9 86.9





#32

1,1,1-Trichloroethane

Concen: 64.32 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

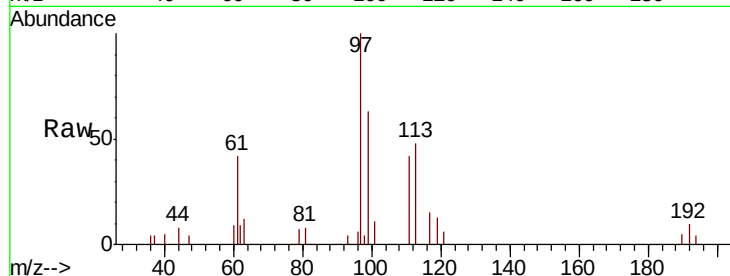
ClientSampled :

SB-6(7-9)MSD

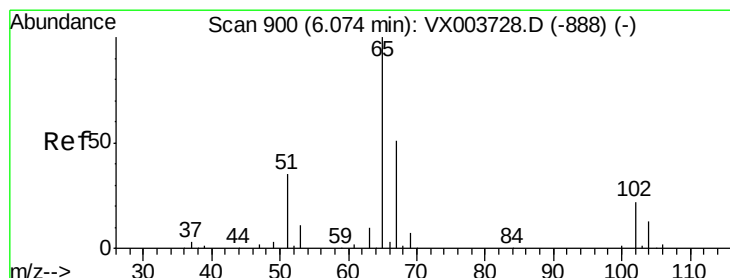
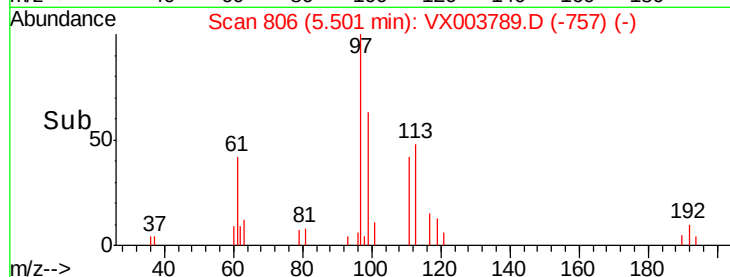
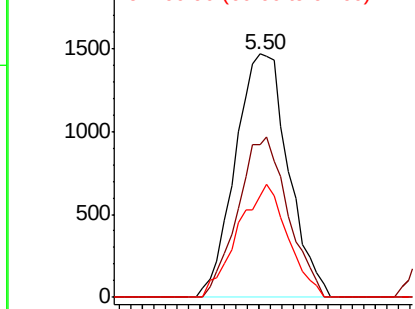
Tot Ion:	97	Resp:	4634
Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.4	77.2
61	43.8	33.4	50.2

Manual Integrations
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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: 32.12 ug/l

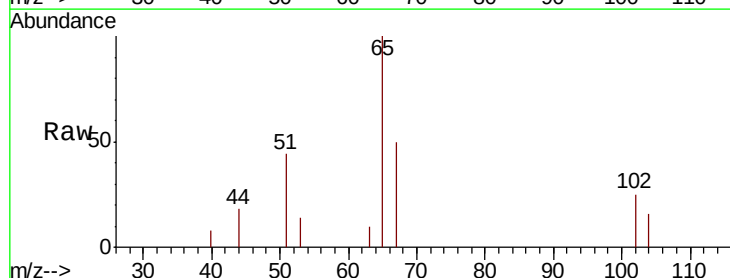
RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

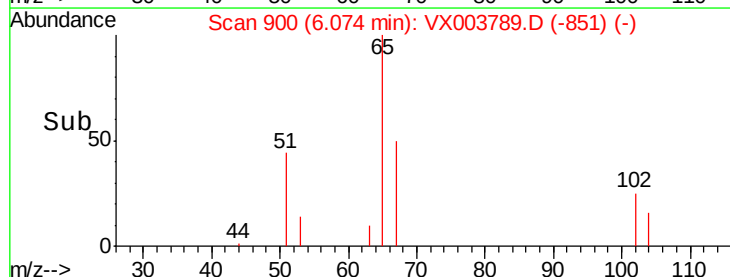
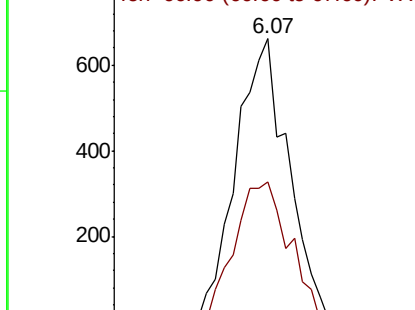
Lab File: VX003789.D

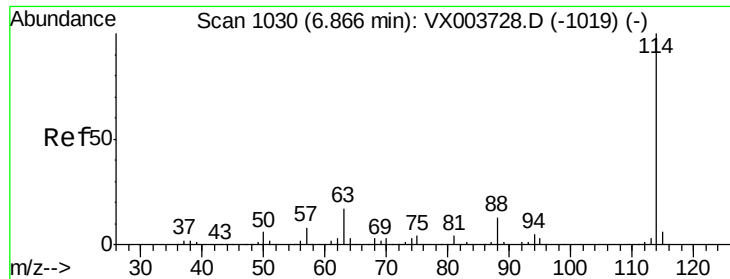
Acq: 01 Aug 2018 09:20

Tgt Ion:	65	Resp:	1657
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





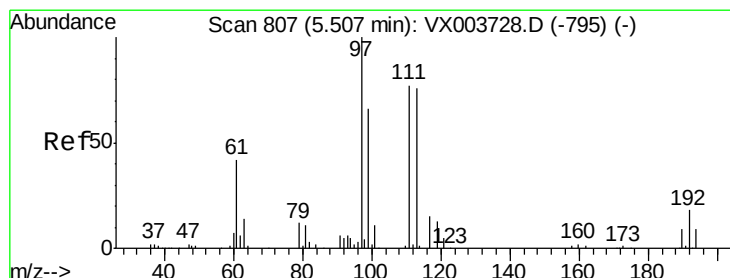
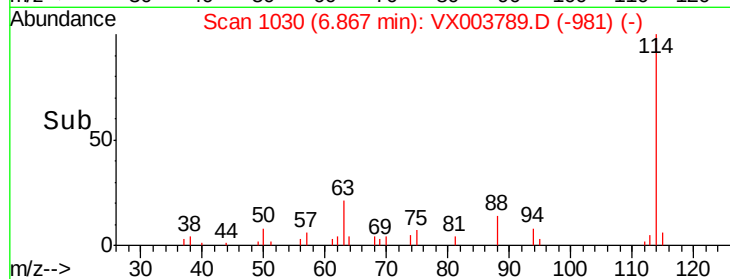
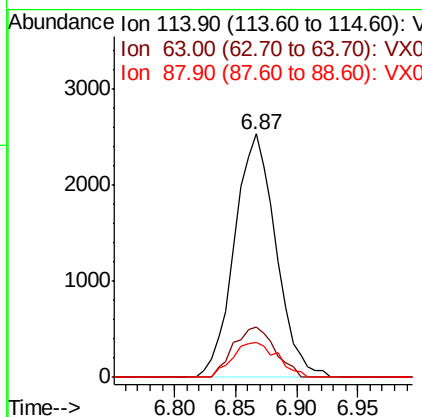
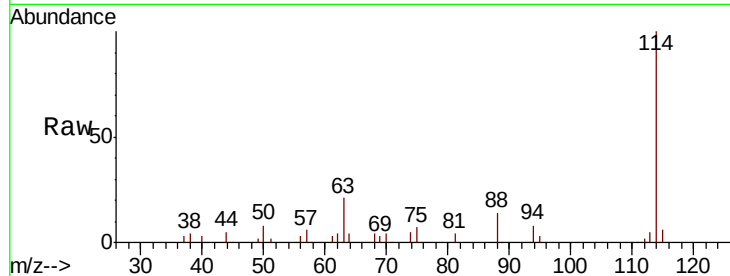
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	34.0
88	14.2	0.0	26.4

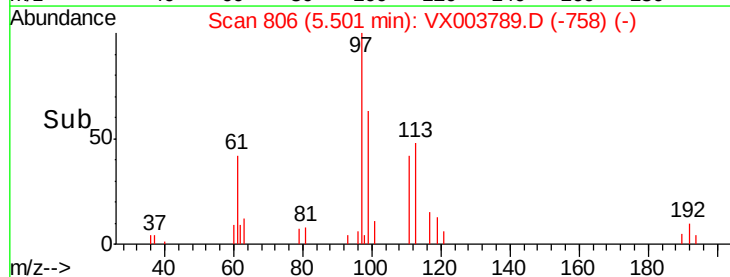
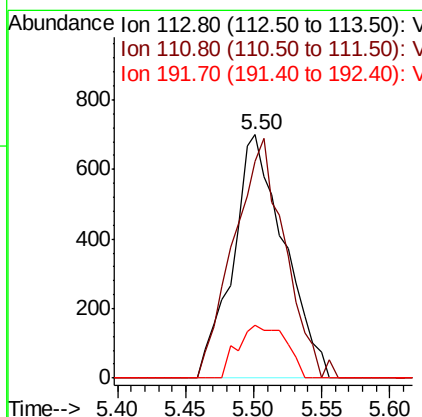
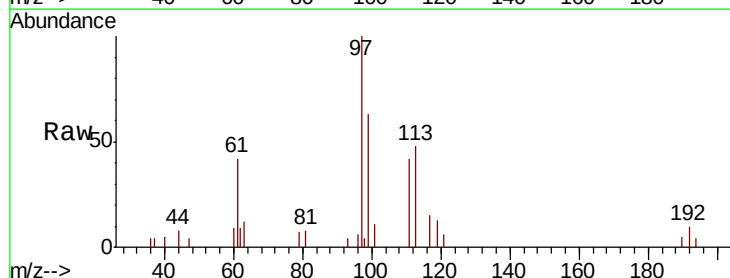
Manual Integrations
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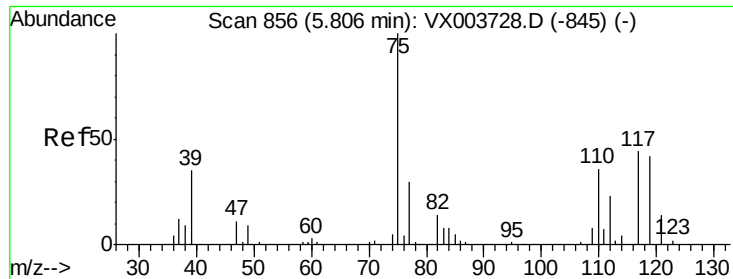
apatel
 8/1/2018 6:55:01 PM



#35
 Dibromofluoromethane
 Concen: 52.57 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.4	81.8	122.6
192	20.5	18.8	28.2





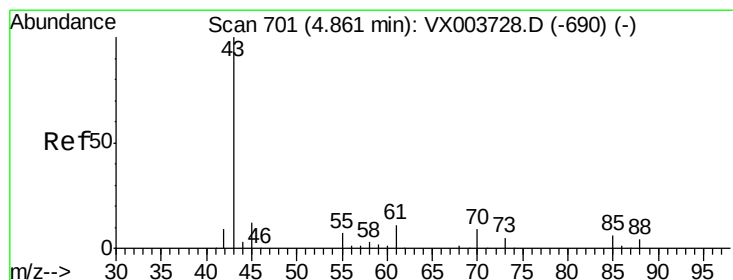
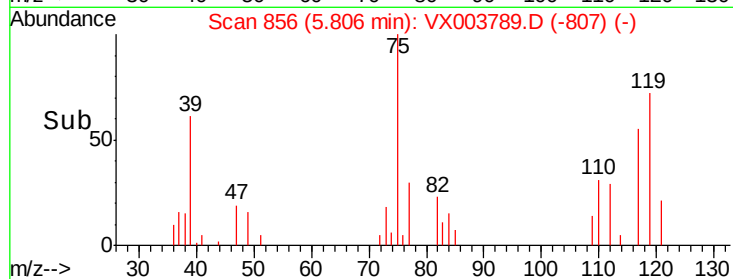
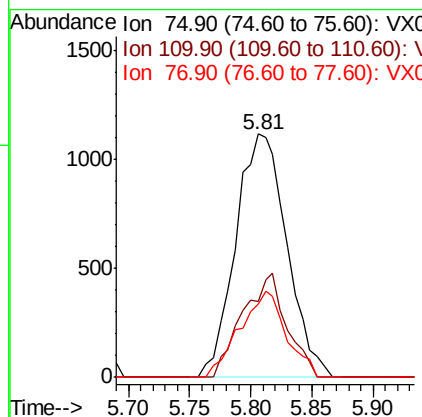
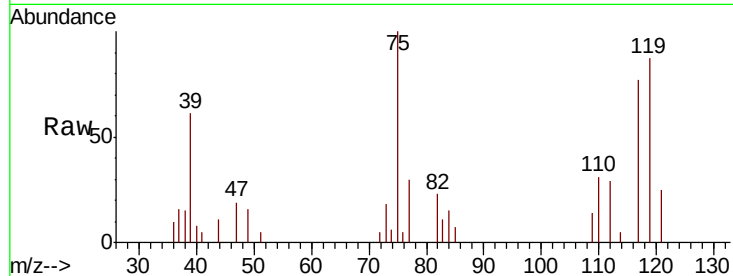
#36
 1,1-Dichloropropene
 Concen: 58.12 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.3	54.8
77	32.1	25.1	37.7

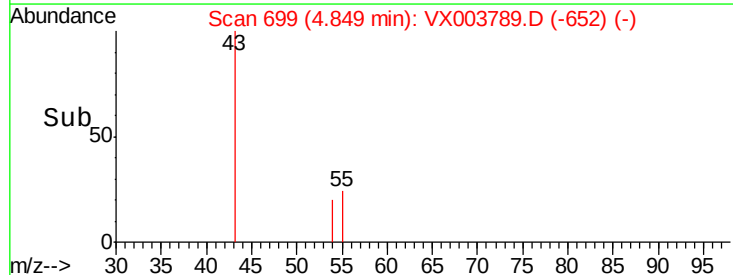
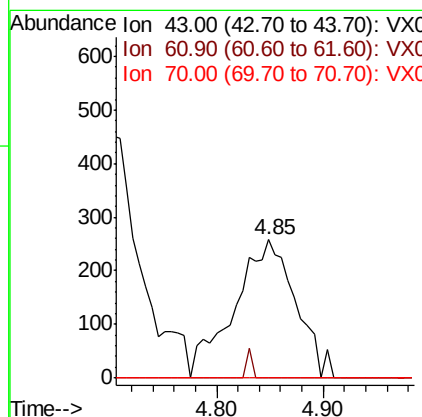
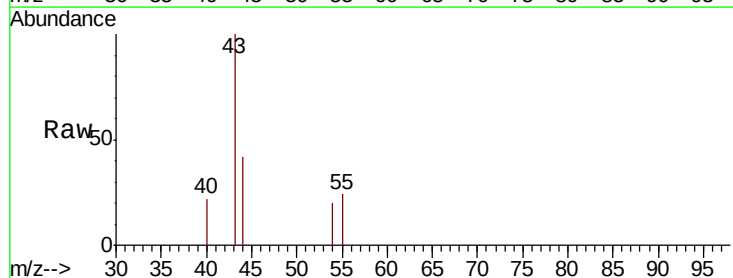
Manual Integrations
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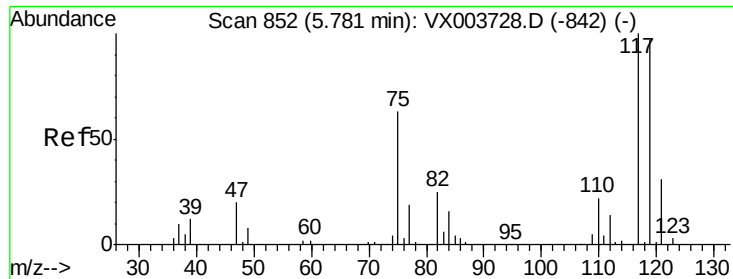
apatel
 8/1/2018 6:55:01 PM



#37
 Ethyl Acetate
 Concen: 24.10 ug/l
 RT: 4.85 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.0#
70	0.0	8.2	12.2#





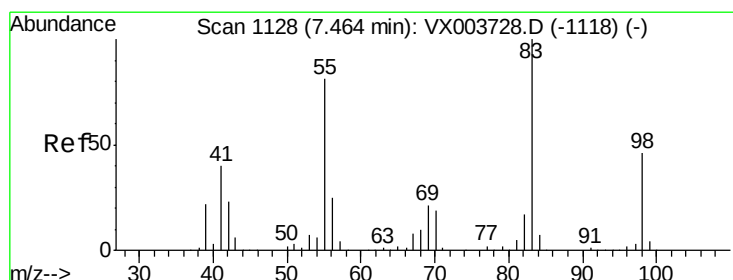
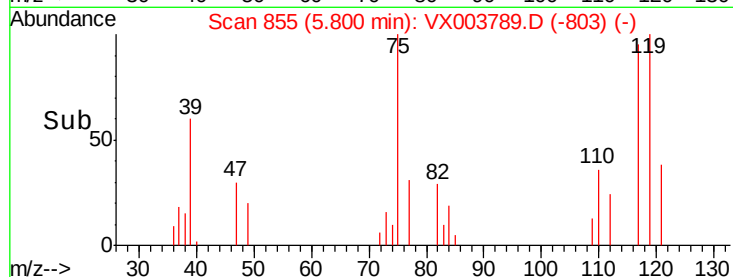
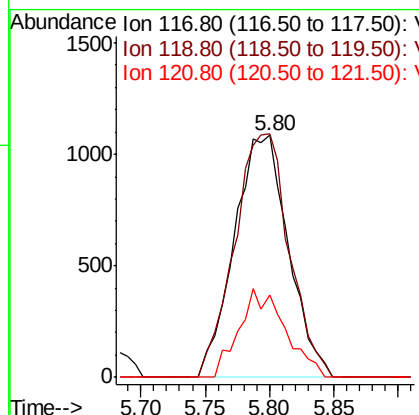
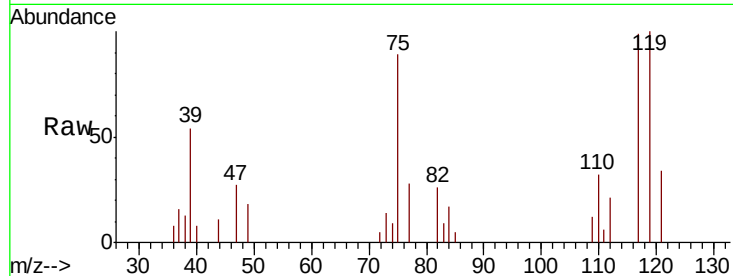
#38
Carbon Tetrachloride
Concen: 61.26 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.02 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
117	100		
119	100.6	77.2	115.8
121	34.3	25.0	37.4

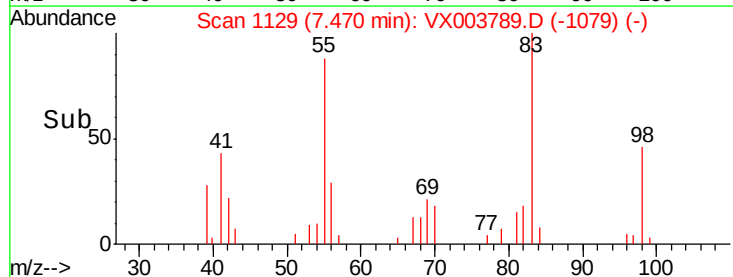
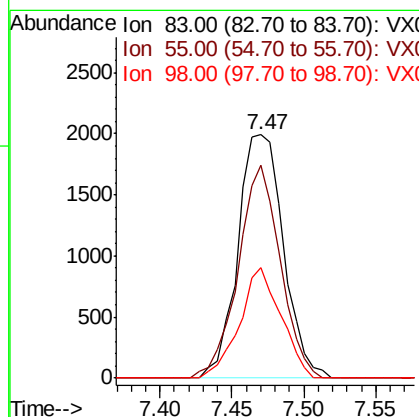
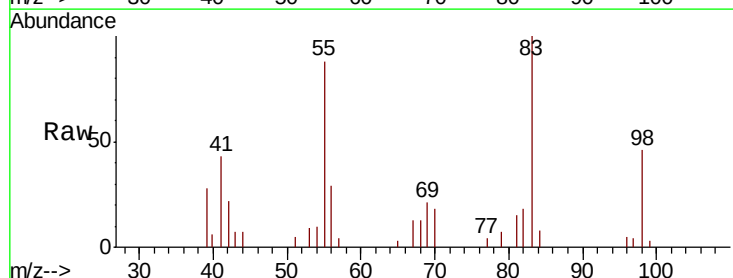
Manual Integrations
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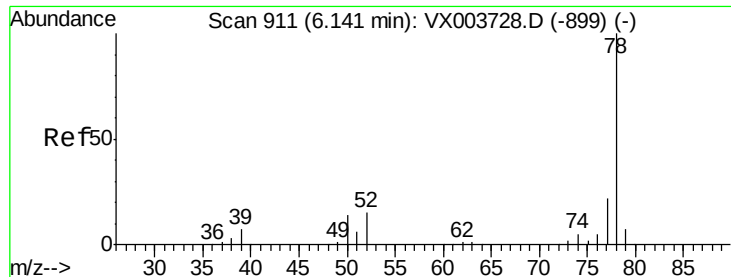
apatel
8/1/2018 6:55:01 PM



#39
Methylcyclohexane
Concen: 63.74 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.6	65.0	97.6
98	45.6	37.1	55.7





#40

Benzene

Concen: 70.79 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 78 Resp: 11330

Ion Ratio Lower Upper

78 100

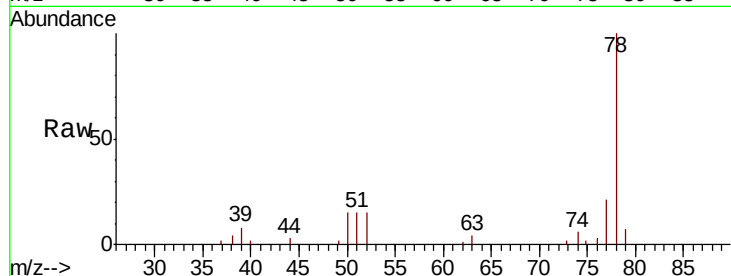
77 21.2 17.9 26.9

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

4000

3000

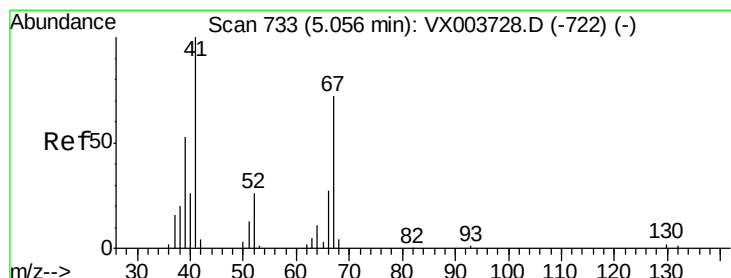
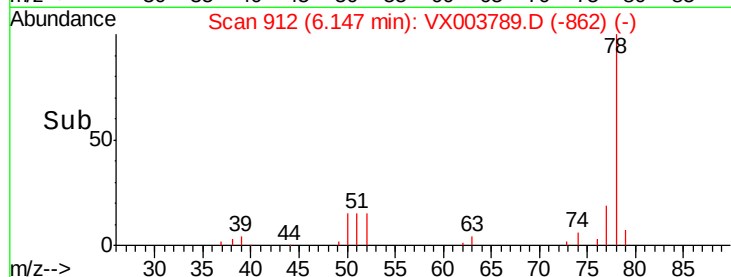
2000

1000

0

Time-->

6.05 6.10 6.15 6.20 6.25



#41

Methacrylonitrile

Concen: 27.79 ug/l

RT: 5.06 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Tgt Ion: 41 Resp: 672

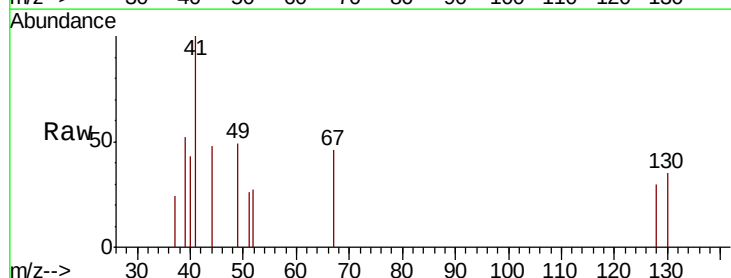
Ion Ratio Lower Upper

41 100

39 58.2 42.6 64.0

67 69.2 58.9 88.3

52 14.7 22.9 34.3#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

5.06

400

300

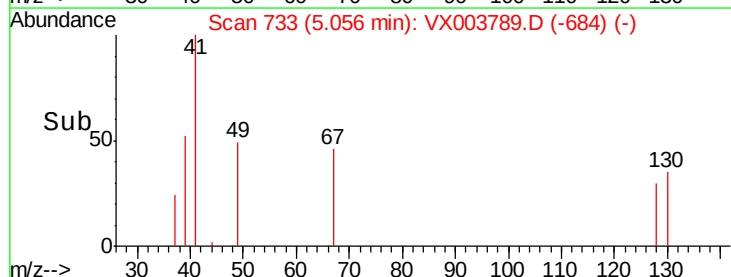
200

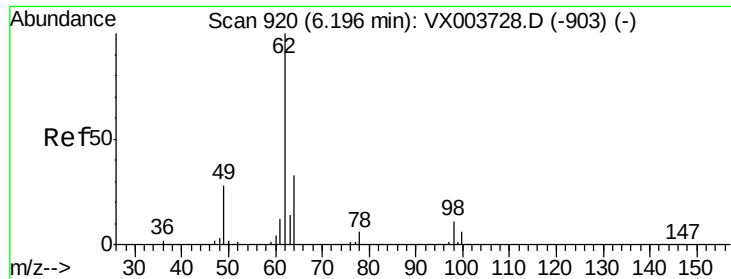
100

0

Time-->

5.00 5.05 5.10





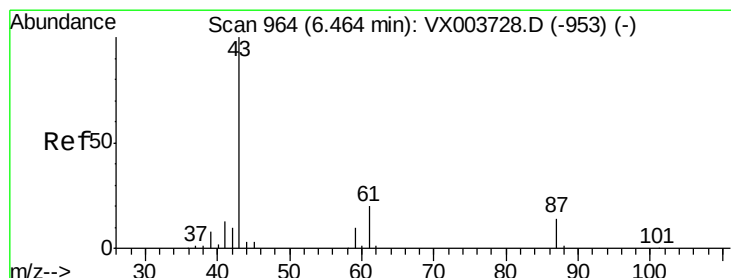
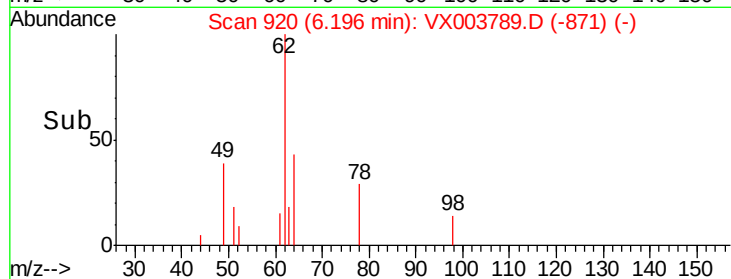
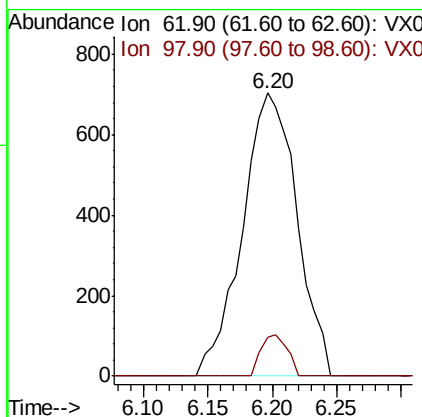
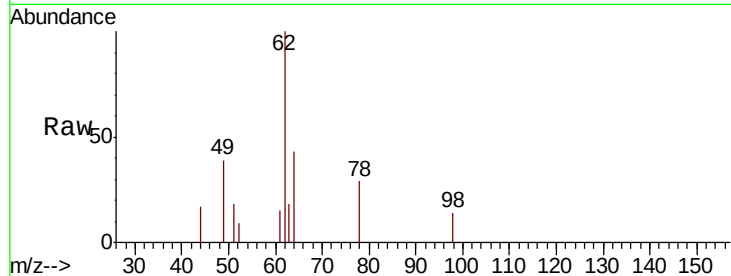
#42
 1,2-Dichloroethane
 Concen: 42.74 ug/l
 RT: 6.20 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	20.4

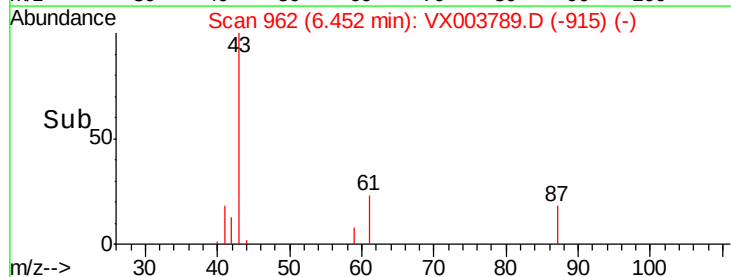
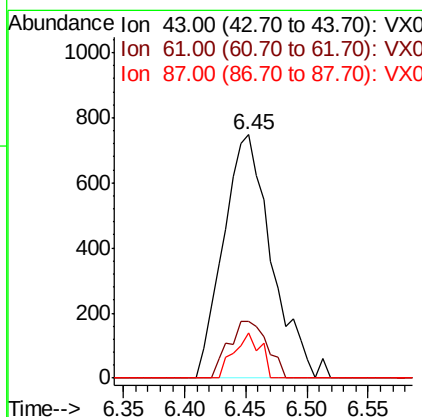
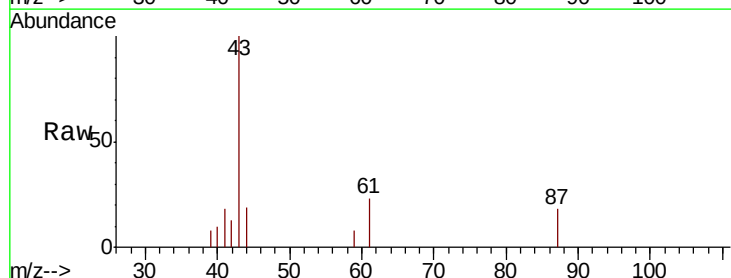
Manual Integrations
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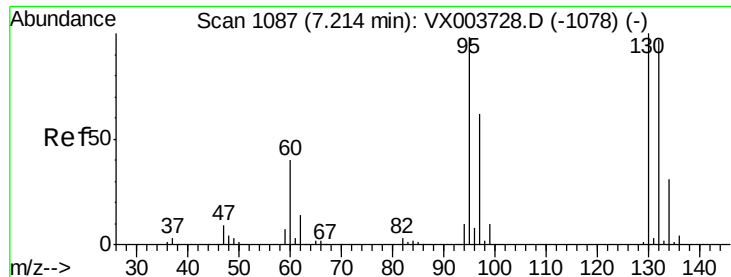
apatel
 8/1/2018 6:55:01 PM



#43
 Isopropyl Acetate
 Concen: 29.92 ug/l
 RT: 6.45 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.7	16.5	24.7
87	10.2	10.7	16.1#





#44

Trichloroethene

Concen: 54.23 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MSD

Tot Ion:130 Resp: 2476

Ion Ratio Lower Upper

130 100

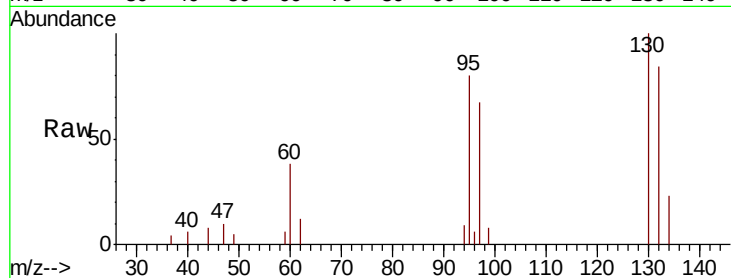
95 79.9 0.0 196.2

Manual Integrations

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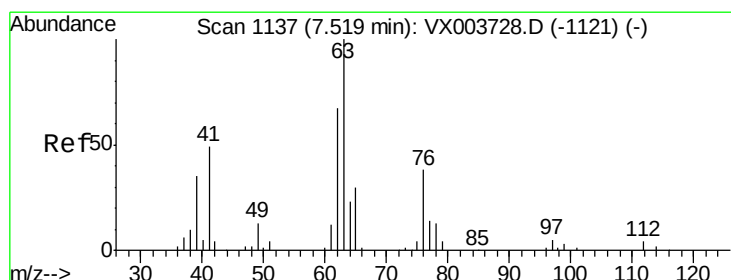
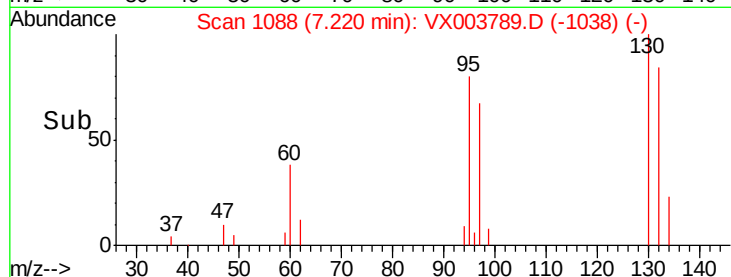
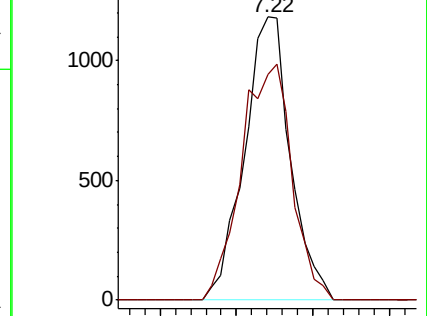
apatel

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 51.93 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003789.D

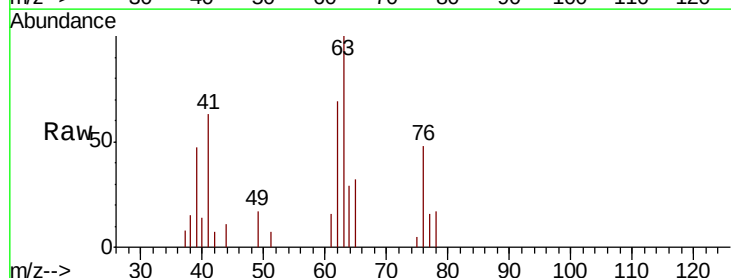
Acq: 01 Aug 2018 09:20

Tgt Ion: 63 Resp: 2044

Ion Ratio Lower Upper

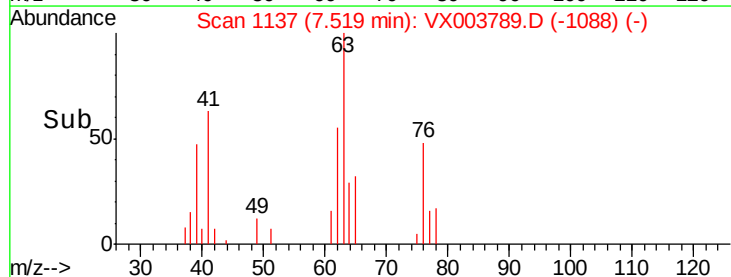
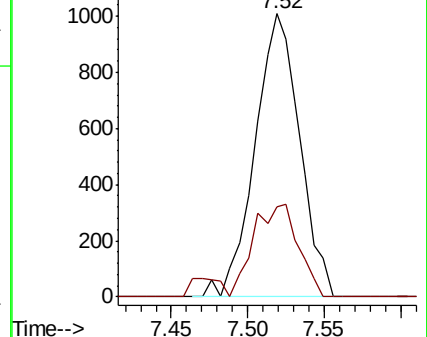
63 100

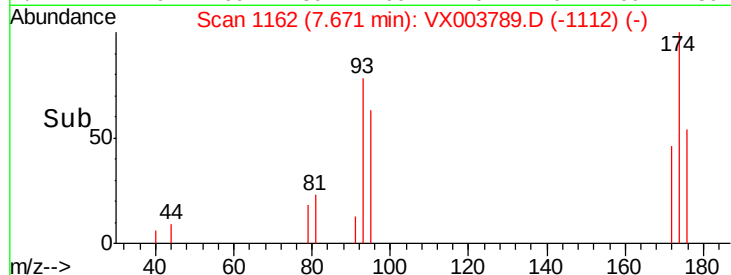
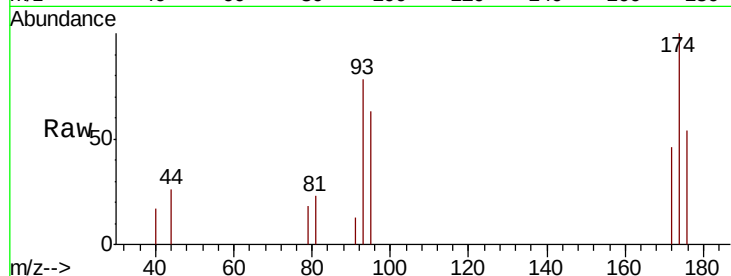
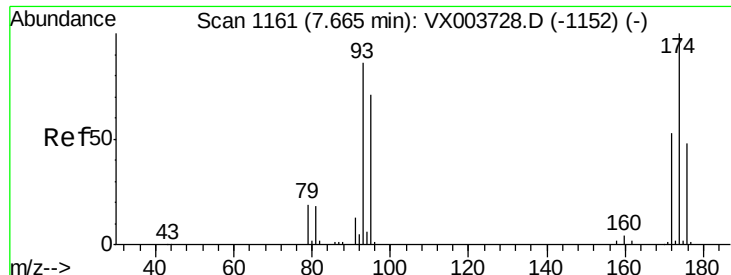
65 31.6 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





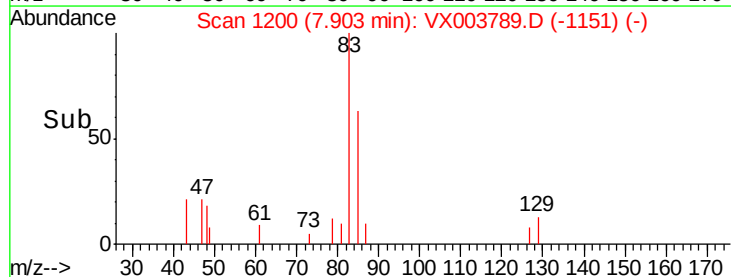
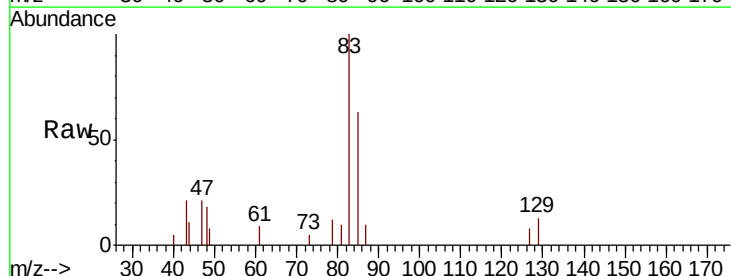
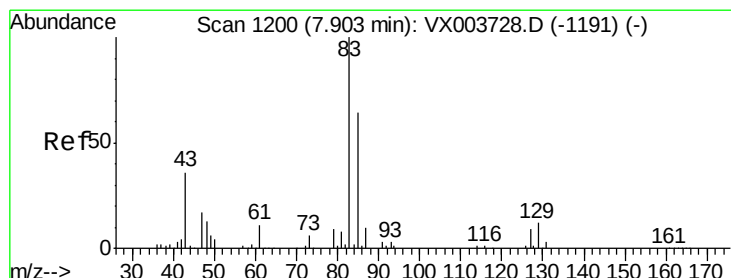
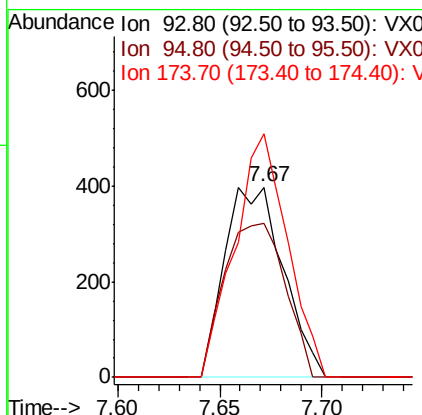
#46
Dibromomethane
Concen: 35.14 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tot Ion: 93 Resp: 797
Ion Ratio Lower Upper
93 100
95 84.2 68.1 102.1
174 115.1 96.2 144.4

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

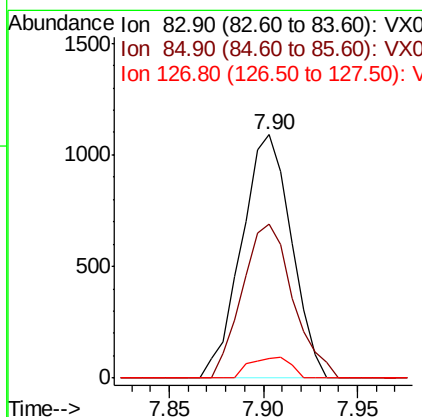
Manual Integrations
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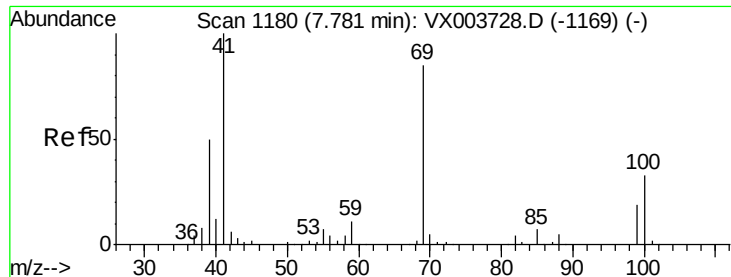
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#47
Bromodichloromethane
Concen: 44.22 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion: 83 Resp: 1999
Ion Ratio Lower Upper
83 100
85 63.3 51.1 76.7
127 8.1 7.1 10.7





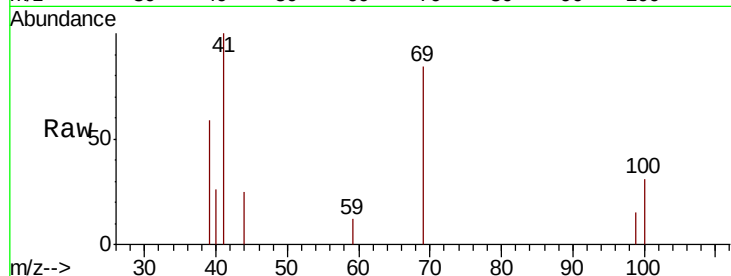
#48
Methvl methacrylate
Concen: 28.14 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

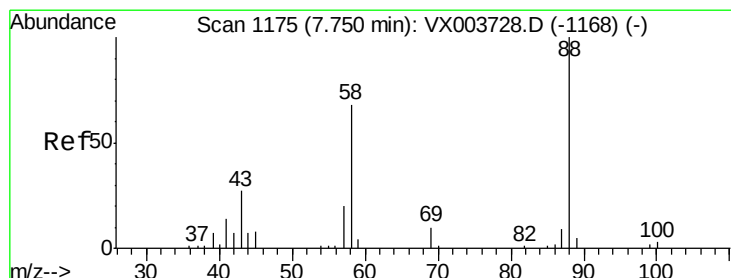
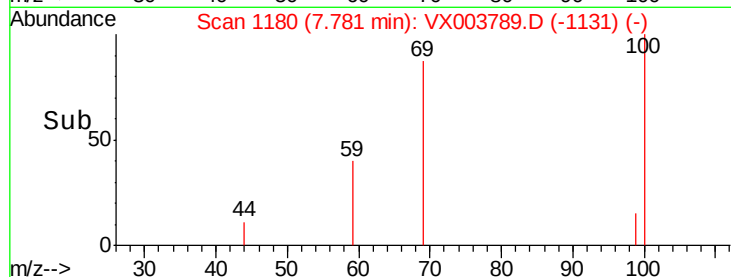
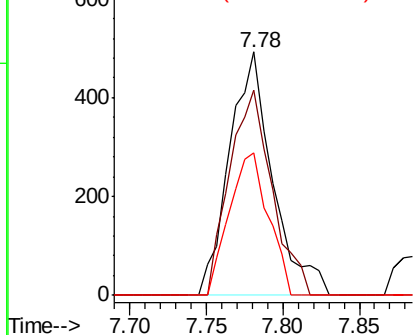
Tot Ion: 41 Resp: 965
Ion Ratio Lower Upper
41 100
69 82.8 68.7 103.1
39 53.3 40.8 61.2

Manual Integrations
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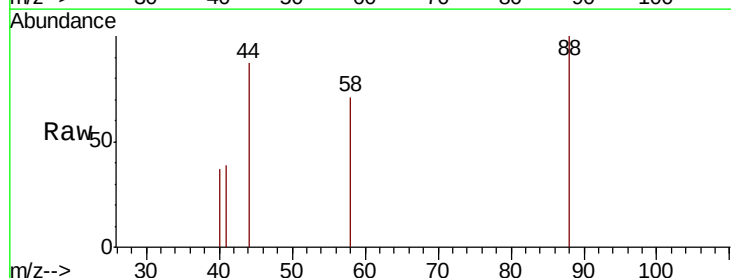


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

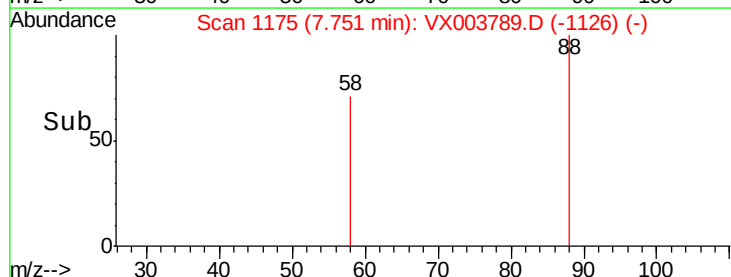
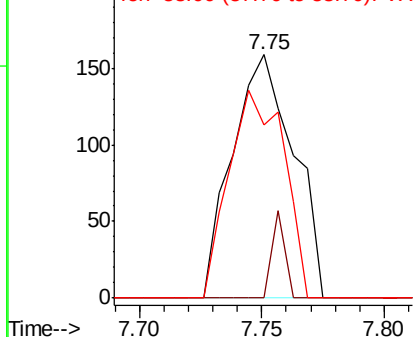


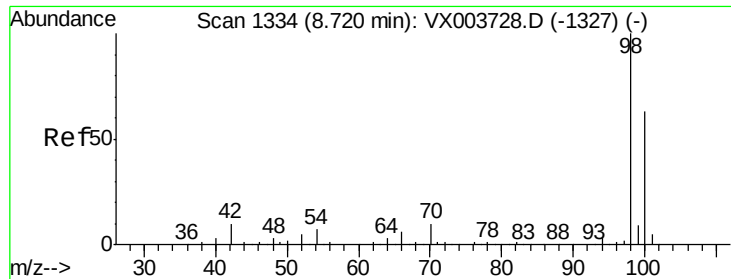
#49
1,4-Dioxane
Concen: 403.14 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion: 88 Resp: 279
Ion Ratio Lower Upper
88 100
43 0.0 26.0 39.0#
58 76.7 57.1 85.7



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





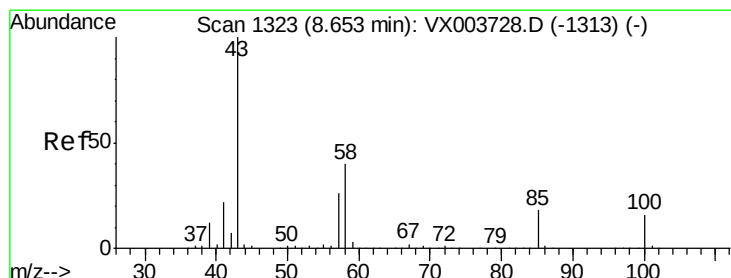
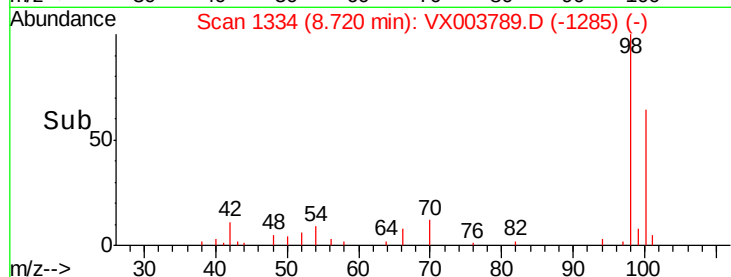
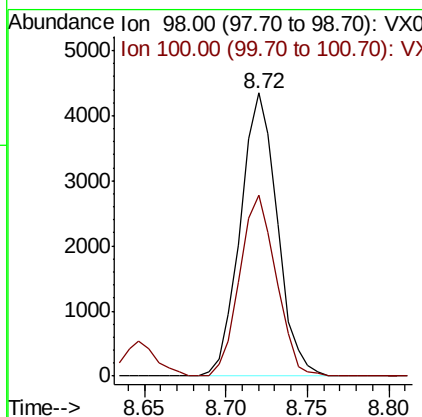
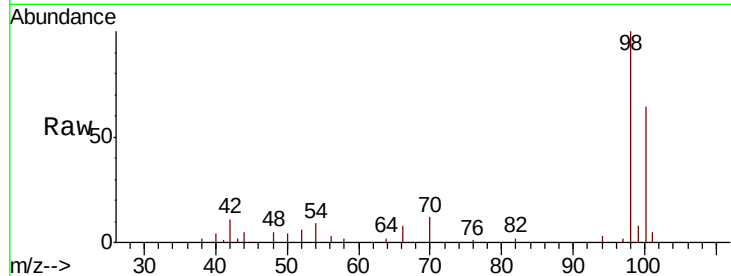
#50
Toluene-d8
Concen: 46.93 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion: 98 Resp: 6871
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0

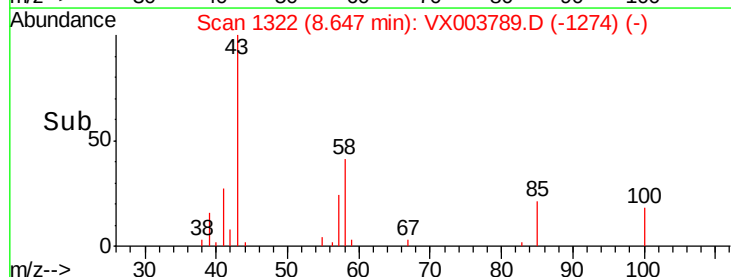
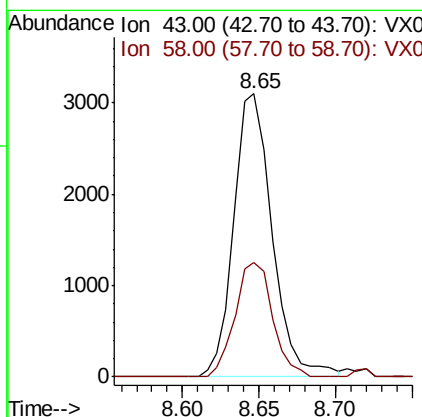
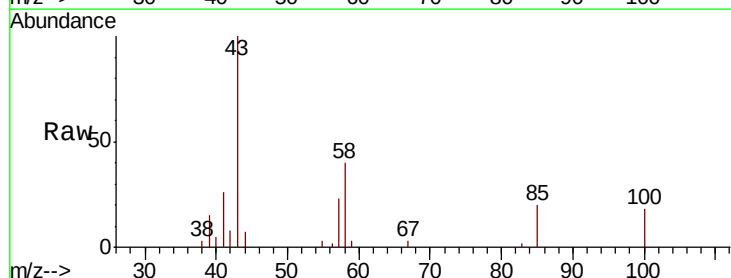
Manual Integrations
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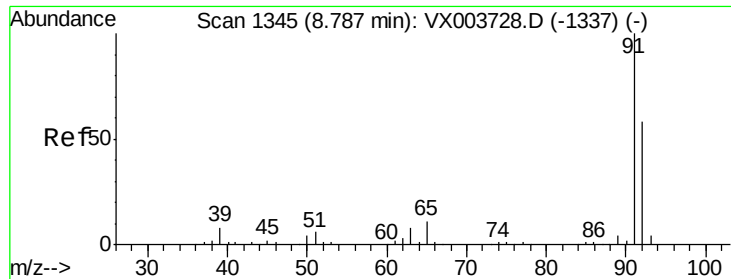
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#51
4-Methyl-2-Pentanone
Concen: 129.01 ug/l
RT: 8.65 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion: 43 Resp: 5420
Ion Ratio Lower Upper
43 100
58 39.2 32.1 48.1





#52

Toluene

Concen: 46.41 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 92 Resp: 4634

Ion Ratio Lower Upper

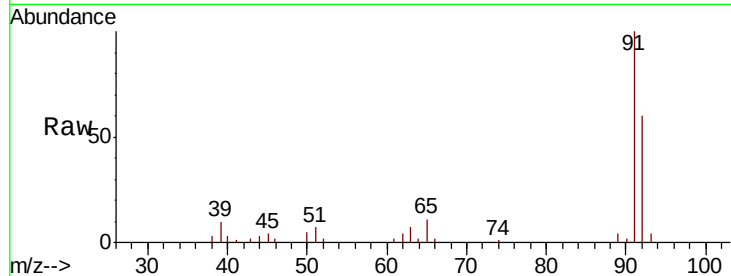
92 100

91 178.0 139.4 209.2

Manual Integrations
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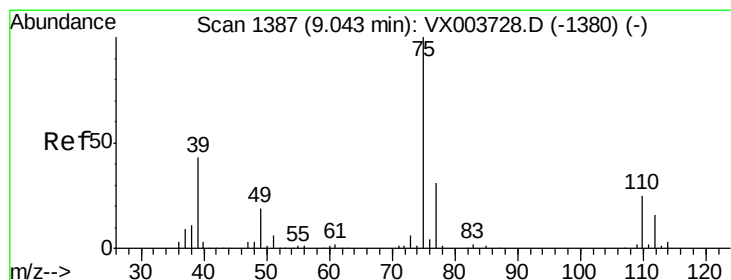
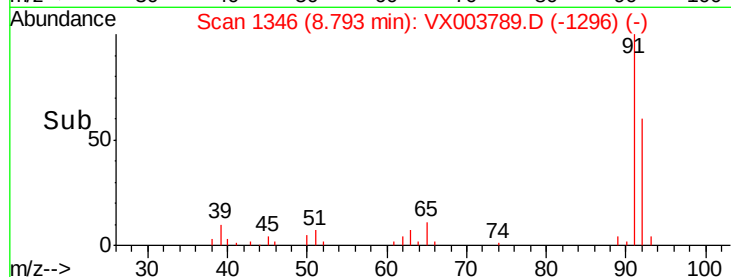
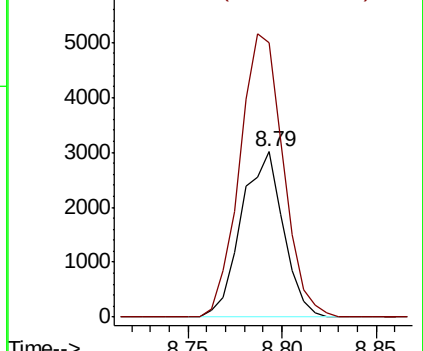
apatel

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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 12.30 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003789.D

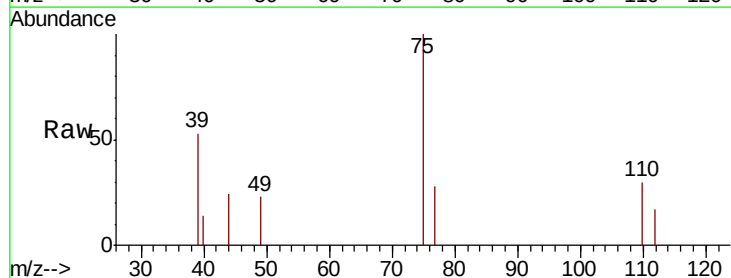
Acq: 01 Aug 2018 09:20

Tgt Ion: 75 Resp: 635

Ion Ratio Lower Upper

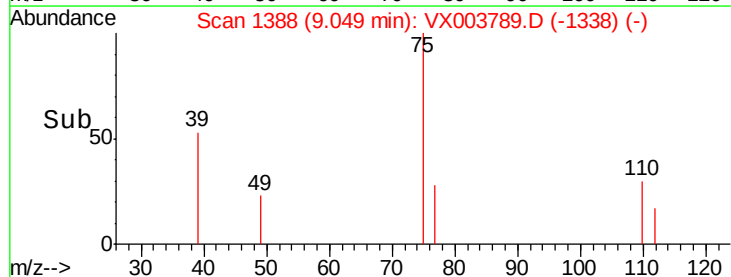
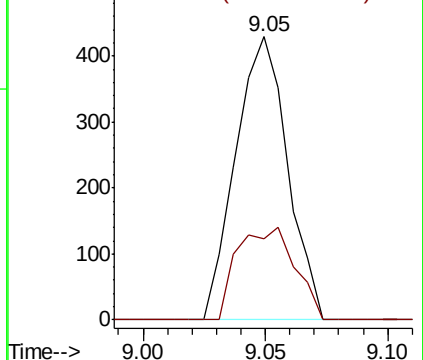
75 100

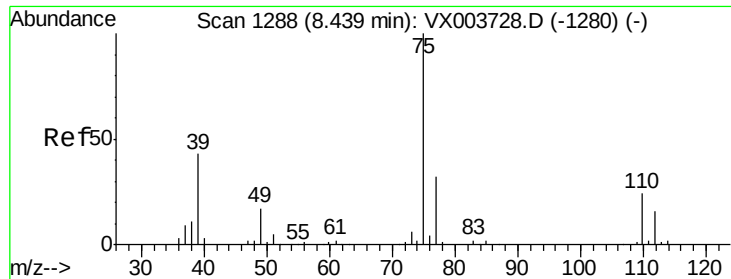
77 28.4 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





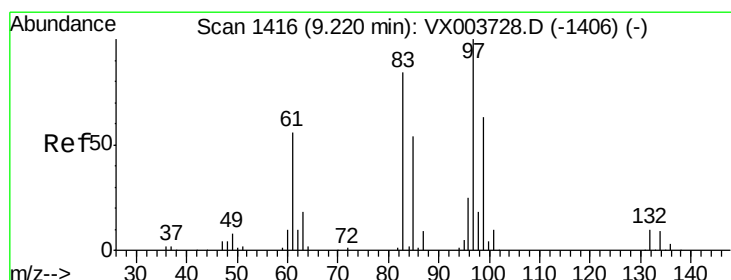
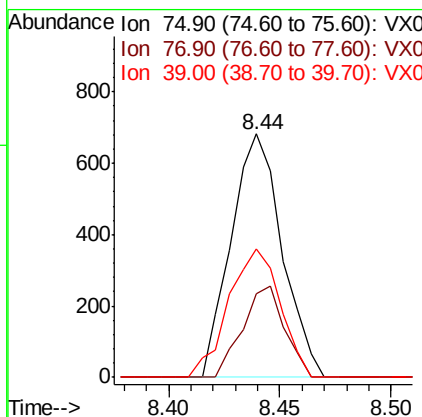
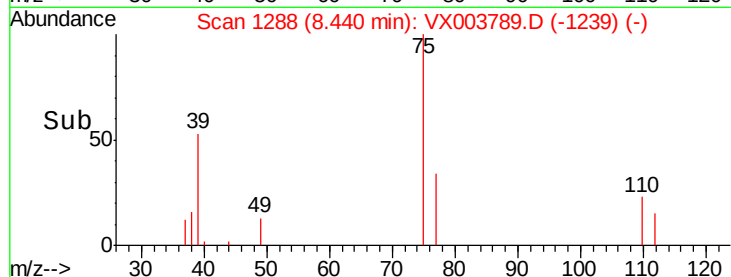
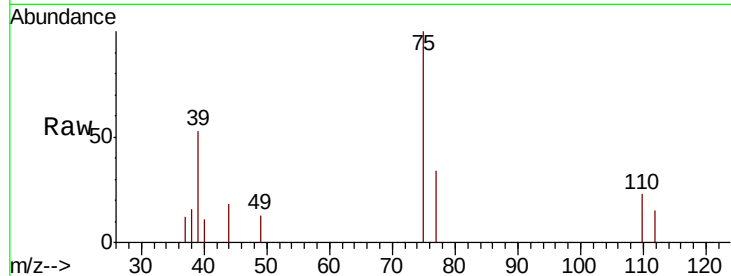
#54
 cis-1,3-Dichloropropene
 Concen: 18.86 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.3	37.9
39	52.9	34.1	51.1#

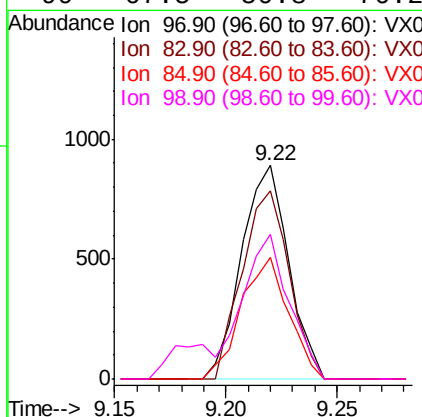
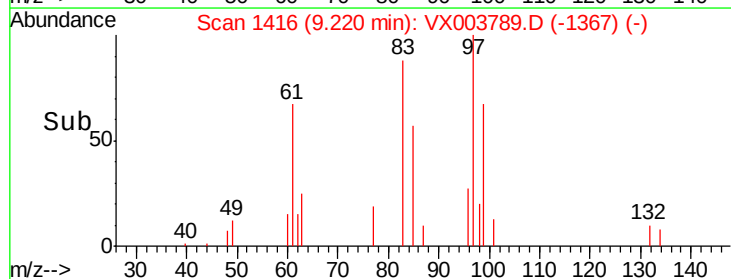
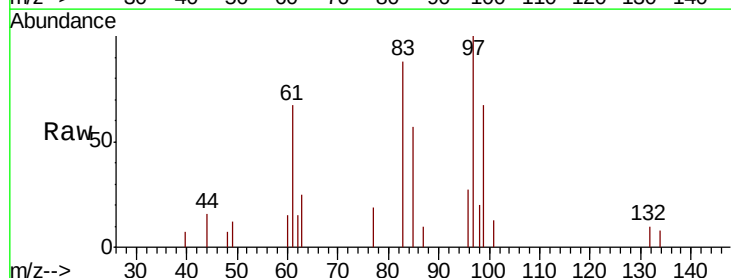
Manual Integrations
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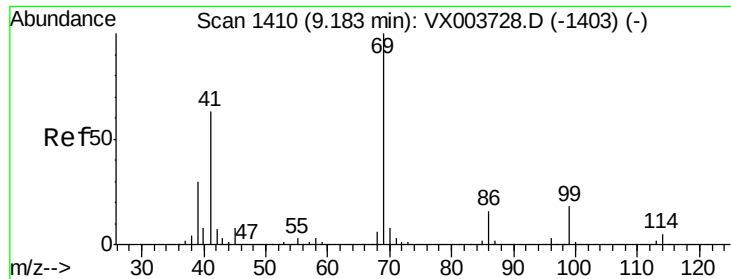
apatel
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#55
 1,1,2-Trichloroethane
 Concen: 38.27 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.9	67.4	101.0
85	56.9	43.3	64.9
99	67.5	50.8	76.2





#56

Ethyl methacrylate

Concen: 24.87 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

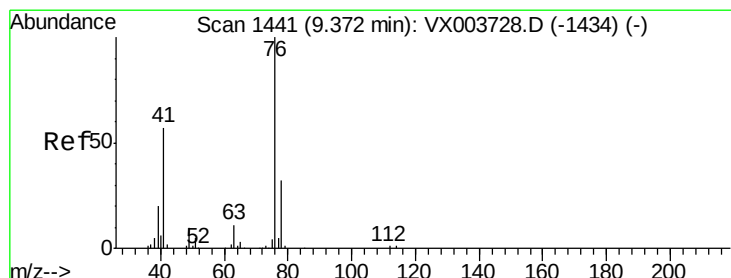
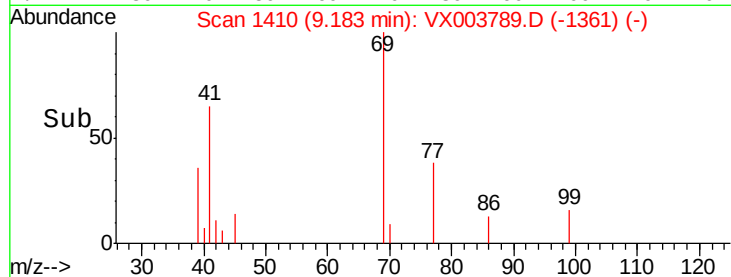
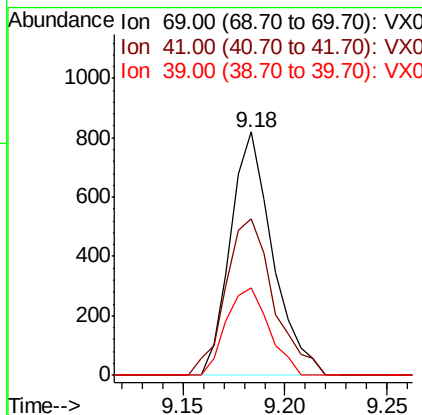
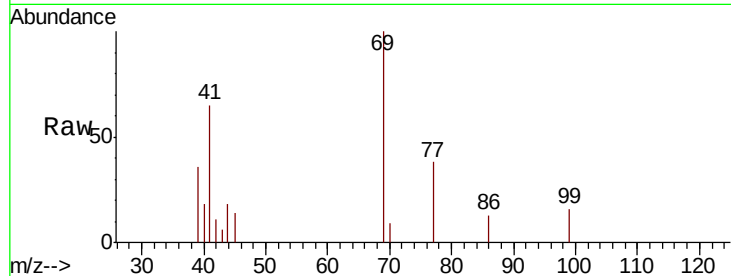
ClientSampled :

SB-6(7-9)MSD

Tot Ion:	69.00	Resp:	1174
Ion	Ratio	Lower	Upper
69	100		
41	73.2	51.6	77.4
39	36.5	25.1	37.7

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 37.57 ug/l

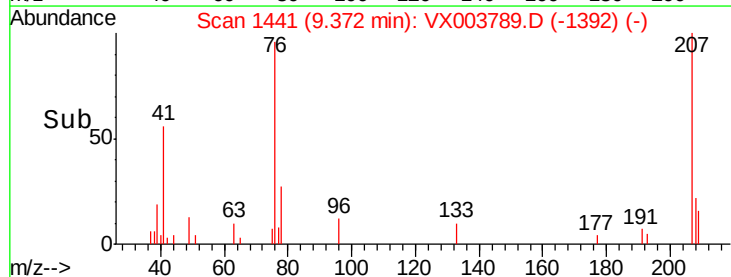
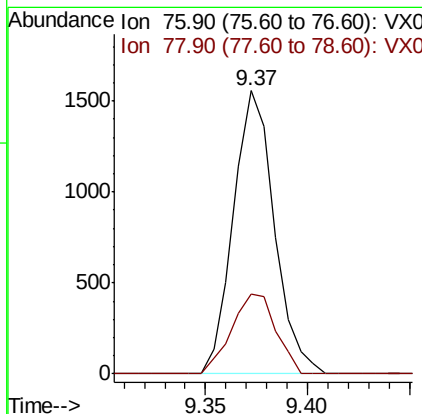
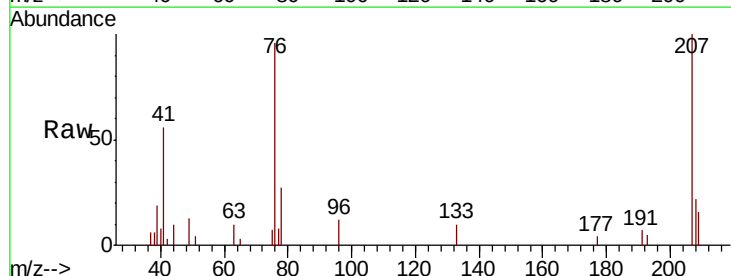
RT: 9.37 min Scan# 1441

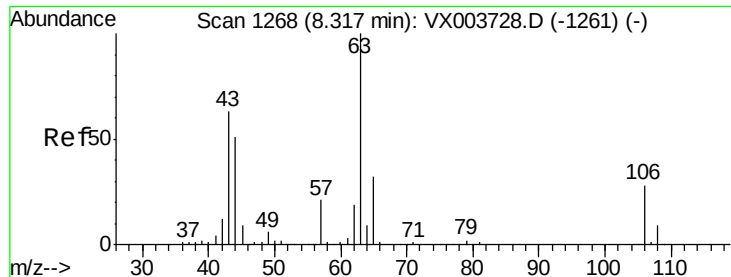
Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Tgt Ion:	76.00	Resp:	2167
Ion	Ratio	Lower	Upper
76	100		
78	30.5	25.7	38.5





#58

2-Chloroethyl Vinyl ether

Concen: 84.44 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MSD

Tot Ion: 63 Resp: 1839

Ion Ratio Lower Upper

63 100

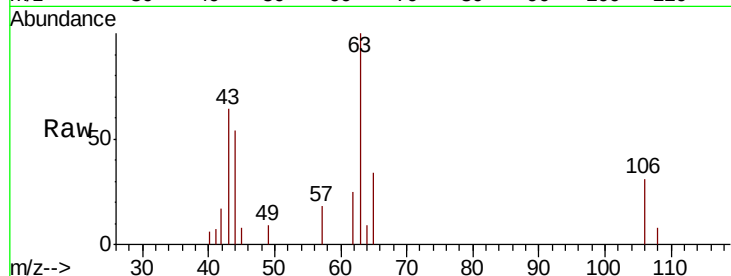
106 28.9 22.5 33.7

Manual Integrations

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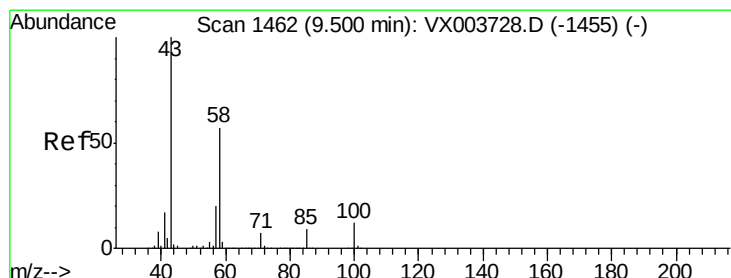
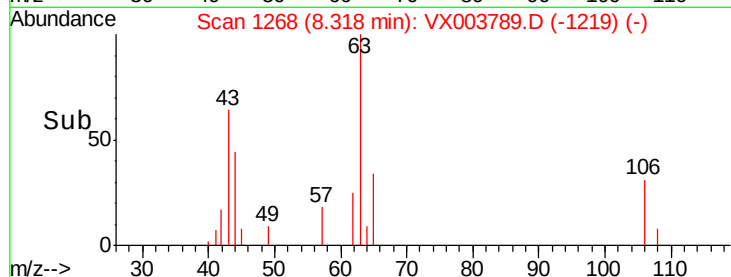
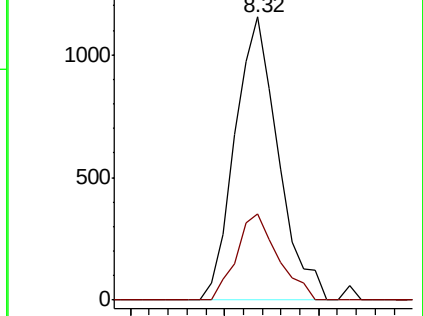
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 92.49 ug/l

RT: 9.49 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VX003789.D

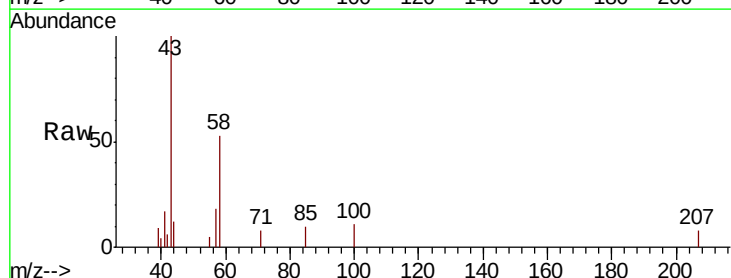
Acq: 01 Aug 2018 09:20

Tgt Ion: 43 Resp: 2960

Ion Ratio Lower Upper

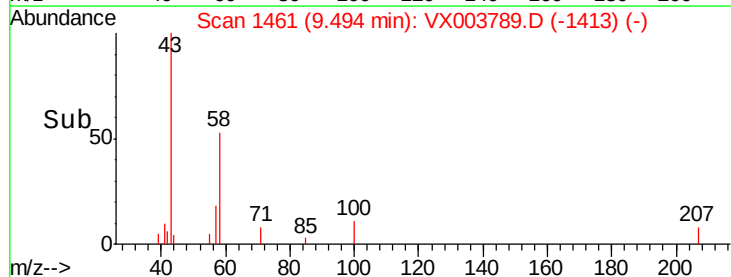
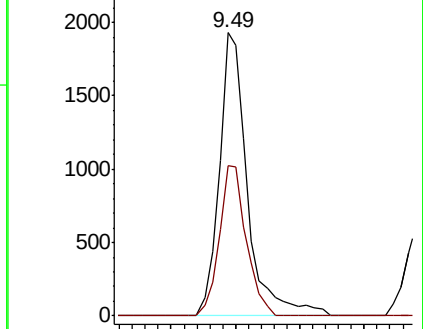
43 100

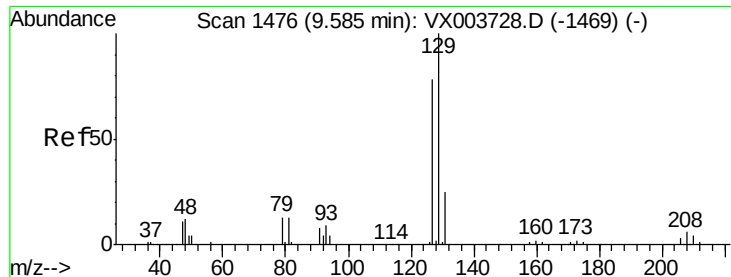
58 50.7 28.0 83.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 36.76 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MSD

Tot Ion:129 Resp: 1272

Ion Ratio Lower Upper

129 100

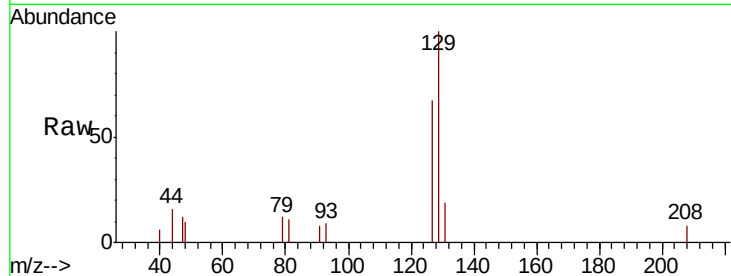
127 72.1 38.8 116.4

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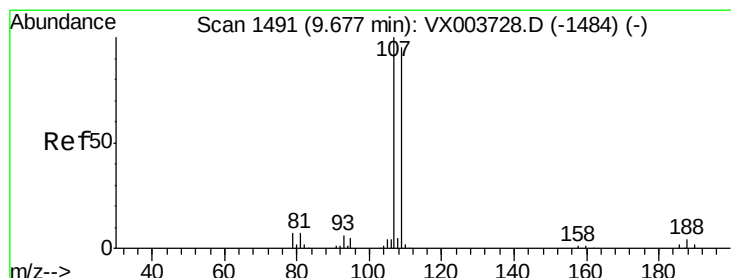
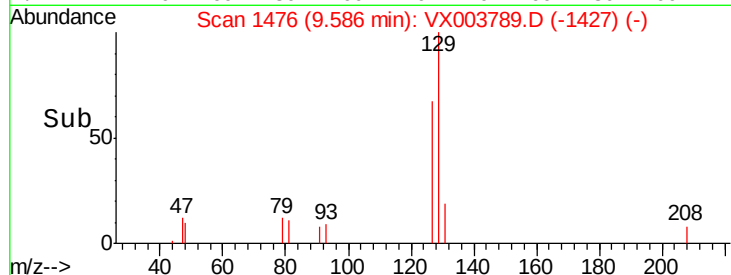
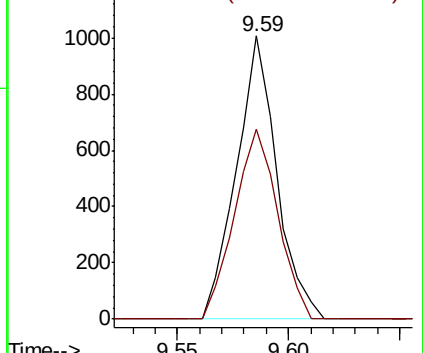
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 27.05 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003789.D

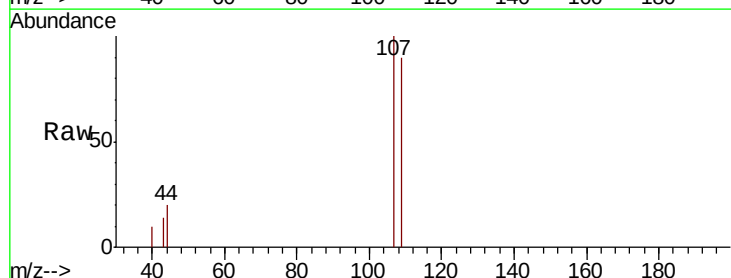
Acq: 01 Aug 2018 09:20

Tgt Ion:107 Resp: 949

Ion Ratio Lower Upper

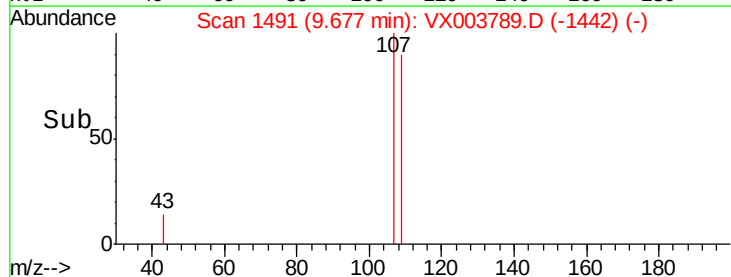
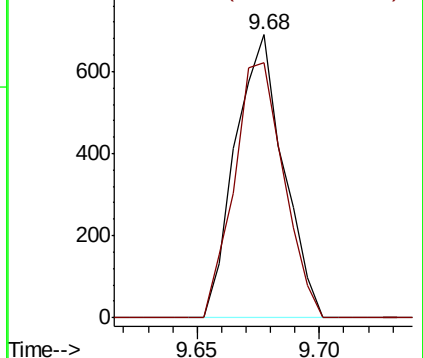
107 100

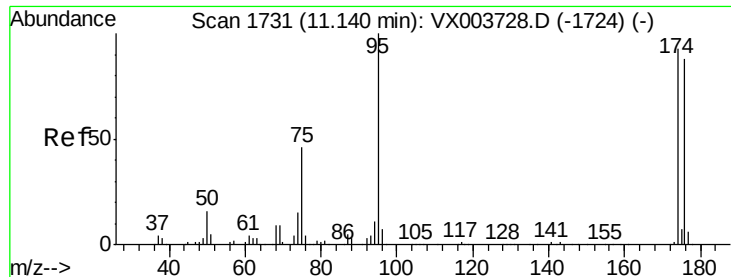
109 92.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





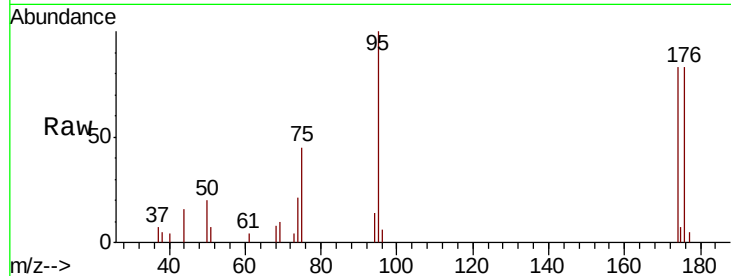
#62
4-Bromofluorobenzene
Concen: 30.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

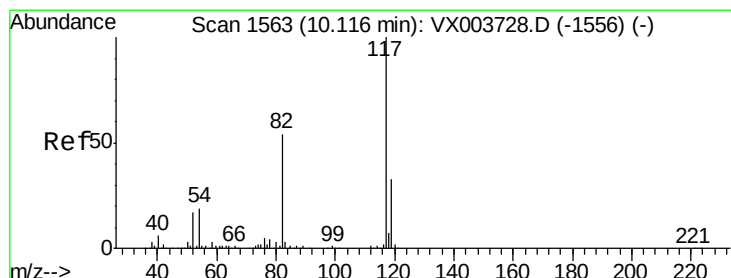
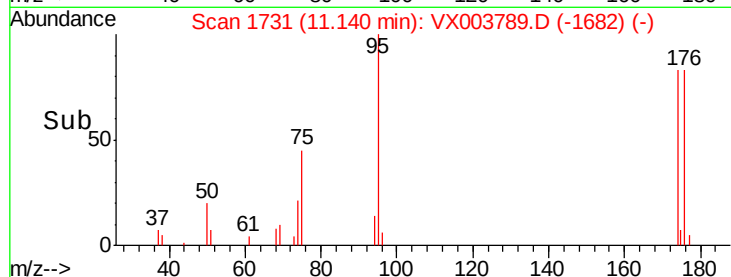
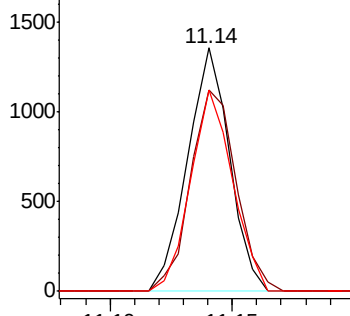
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	186.2
176	83.2	0.0	179.2

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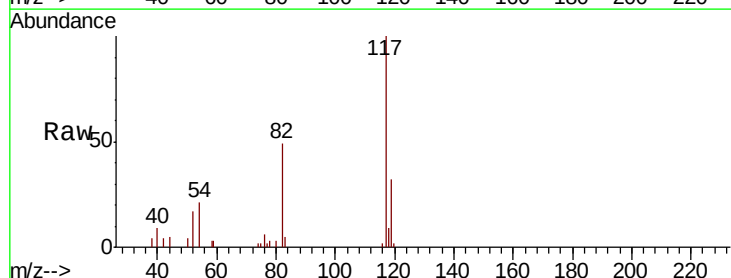


Abundance Ion 94.90 (94.60 to 95.60): VX003728.D (-1724) (-)
Ion 173.80 (173.50 to 174.50): VX003728.D (-1724) (-)
Ion 175.80 (175.50 to 176.50): VX003728.D (-1724) (-)

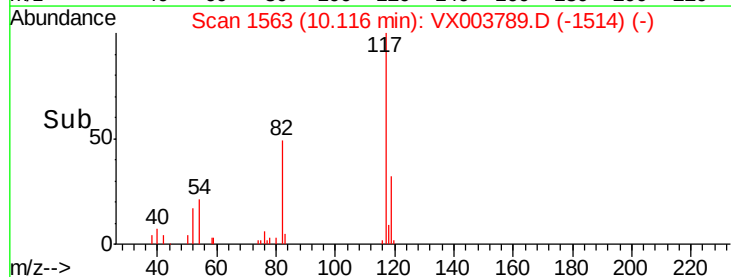
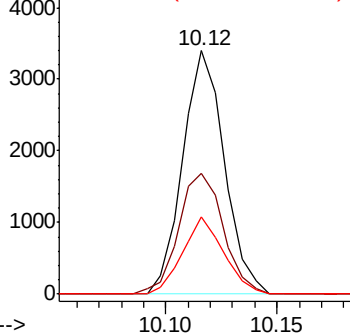


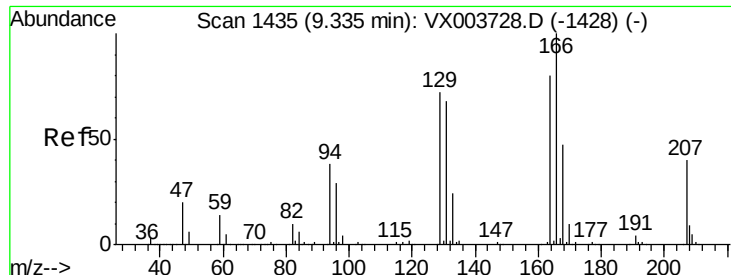
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.4	43.2	64.8
119	31.7	26.3	39.5



Abundance Ion 116.90 (116.60 to 117.60): VX003728.D (-1556) (-)
Ion 82.00 (81.70 to 82.70): VX003728.D (-1556) (-)
Ion 118.90 (118.60 to 119.60): VX003728.D (-1556) (-)





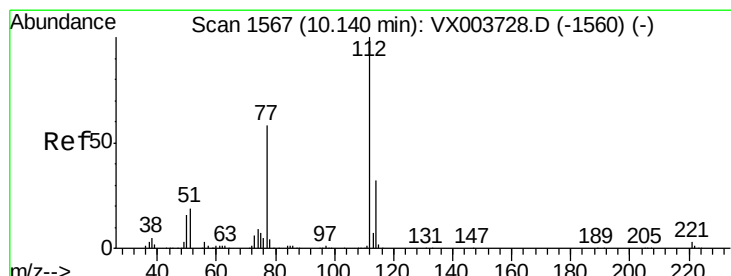
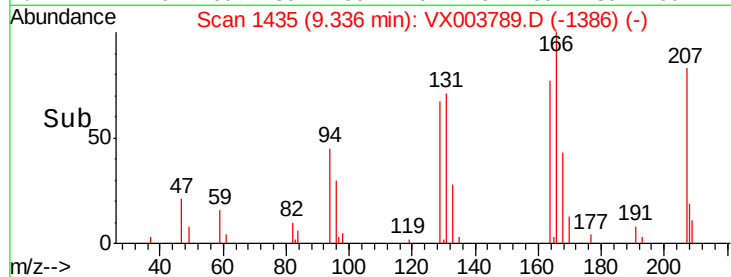
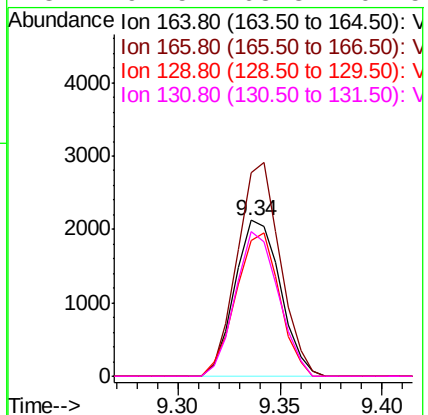
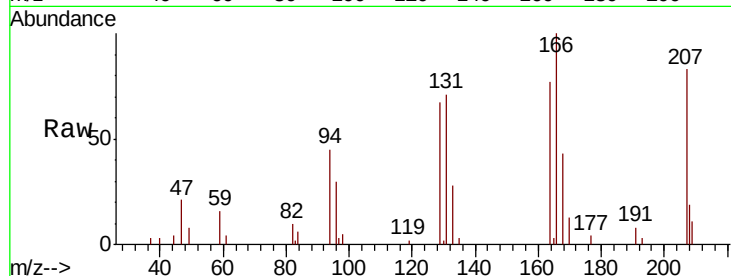
#64
 Tetrachloroethene
 Concen: 94.44 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	164	166	129	131
Ratio	100	130.4	87.0	92.5
Lower		100.4	71.8	68.3
Upper		150.6	107.8	102.5

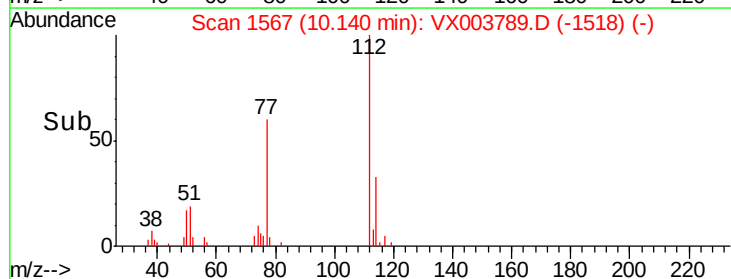
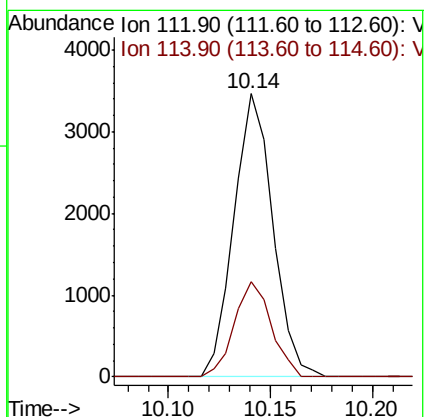
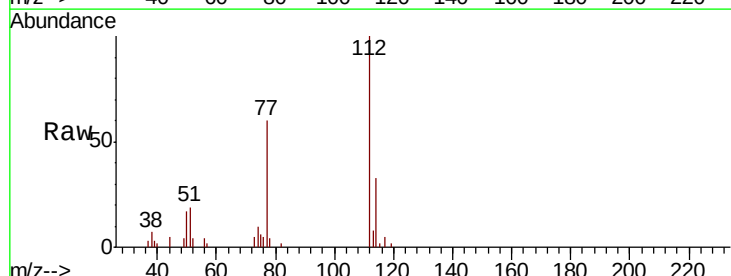
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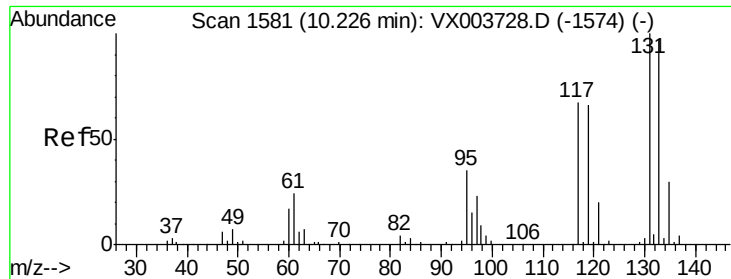
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#65
 Chlorobenzene
 Concen: 49.44 ug/l
 RT: 10.14 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Tgt Ion	112	114
Ratio	100	33.4
Lower		25.7
Upper		38.5





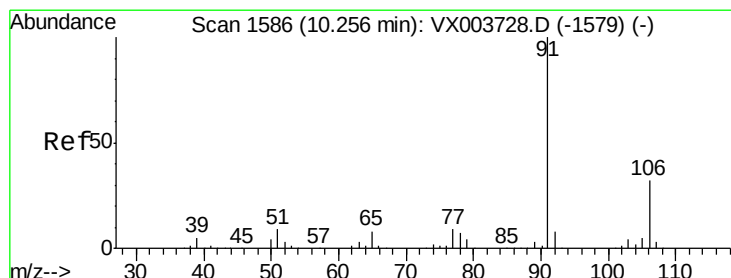
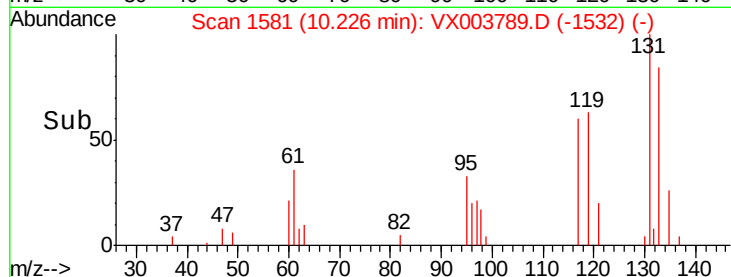
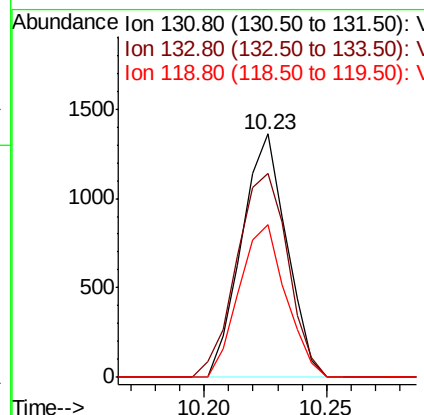
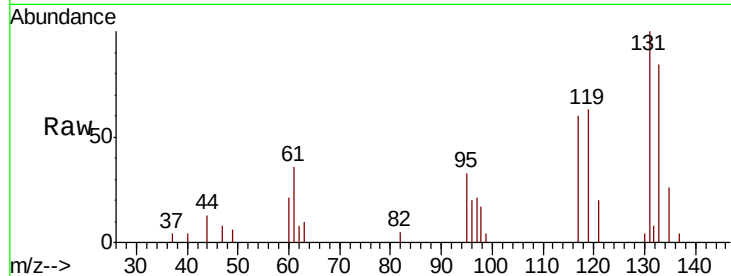
#66
 1,1,1,2-Tetrachloroethane
 Concen: 57.97 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.6	142.9
119	64.8	32.8	98.3

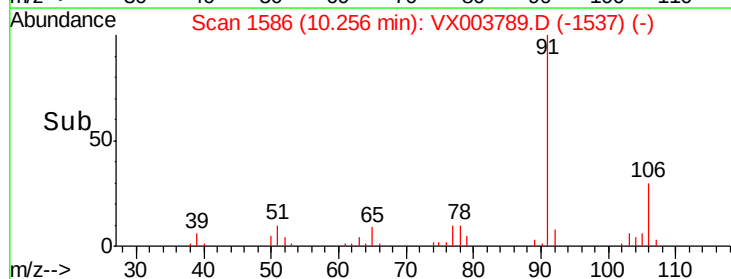
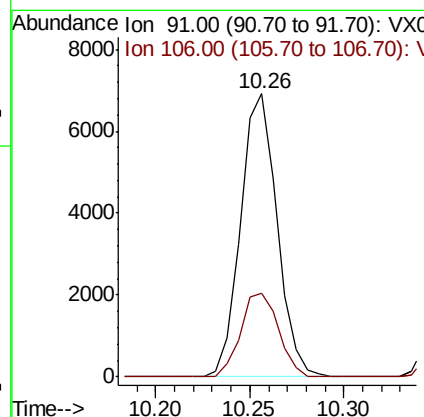
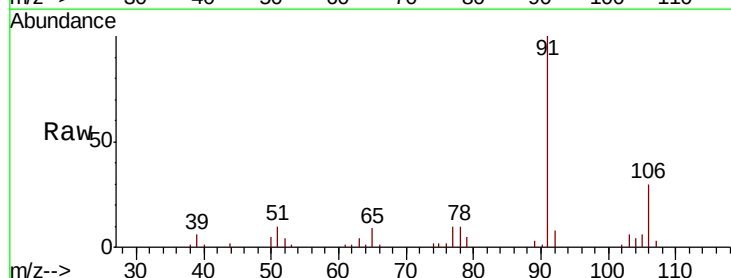
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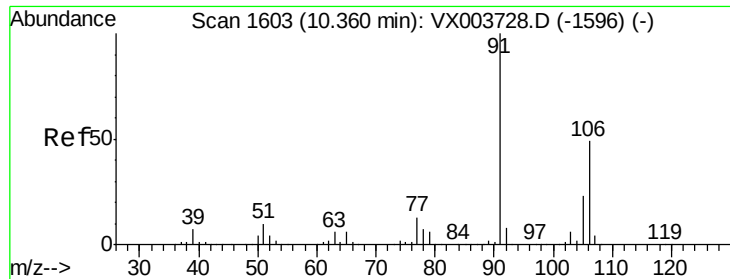
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#67
 Ethyl Benzene
 Concen: 59.11 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.4	38.2





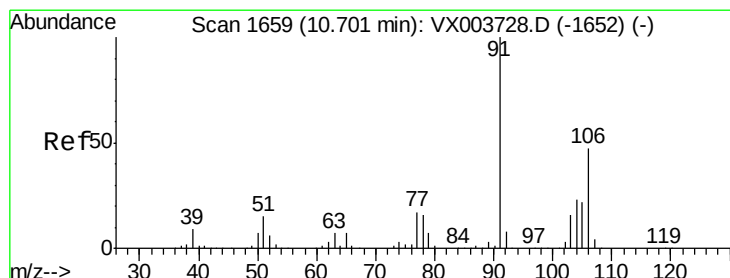
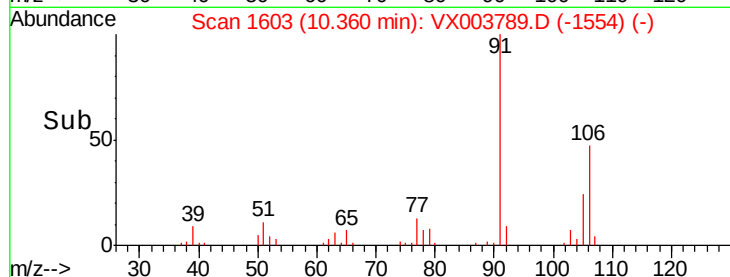
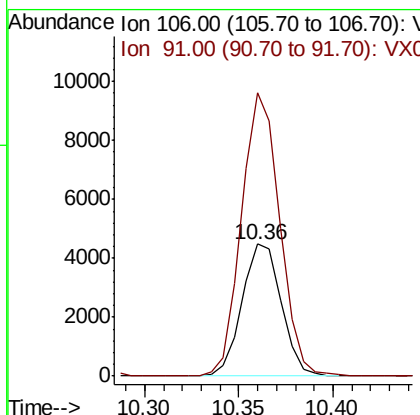
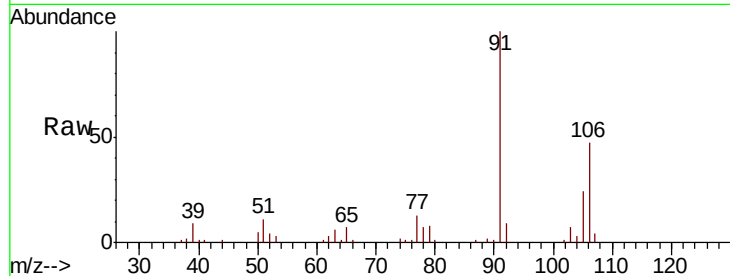
#68
m/p-Xylenes
Concen: 105.28 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MSD

Tot Ion:106 Resp: 6452
Ion Ratio Lower Upper
106 100
91 209.9 159.8 239.8

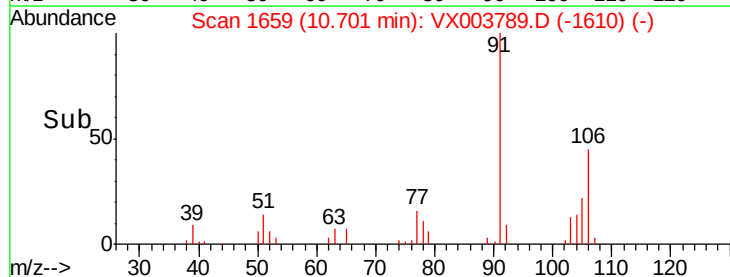
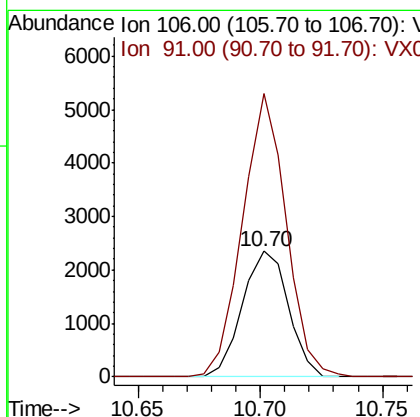
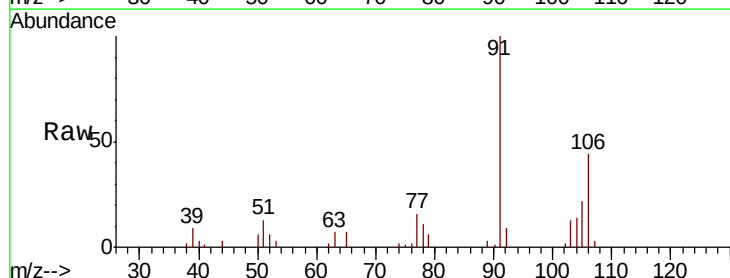
Manual Integrations
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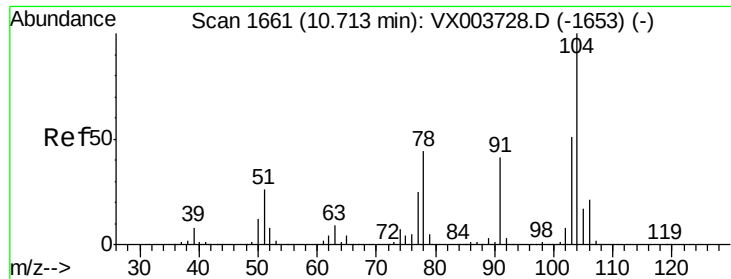
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#69
o-Xylene
Concen: 54.05 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion:106 Resp: 3076
Ion Ratio Lower Upper
106 100
91 214.5 105.6 316.8





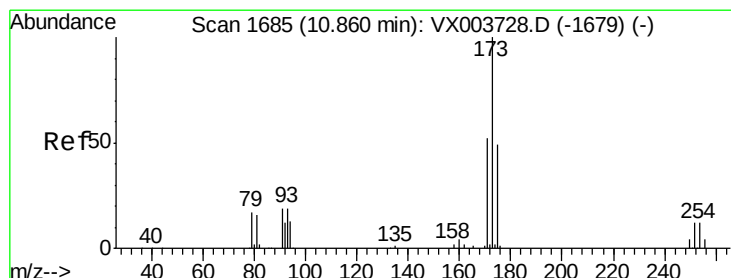
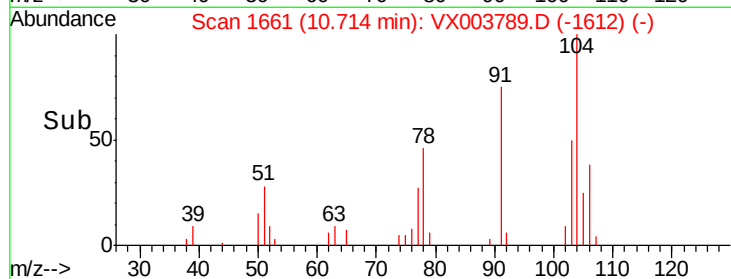
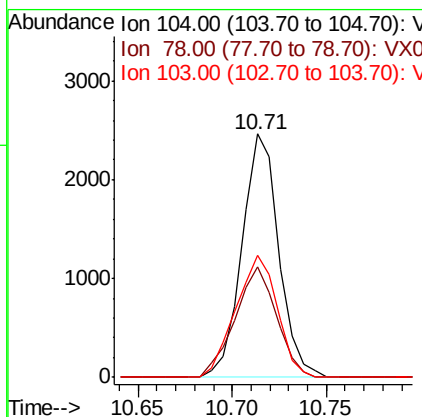
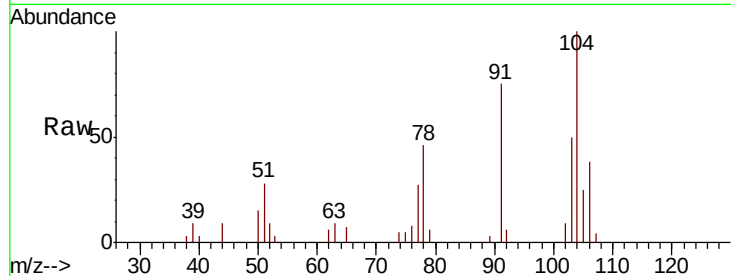
#70
Stvrene
Concen: 34.74 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.3	38.2	57.2
103	56.7	44.5	66.7

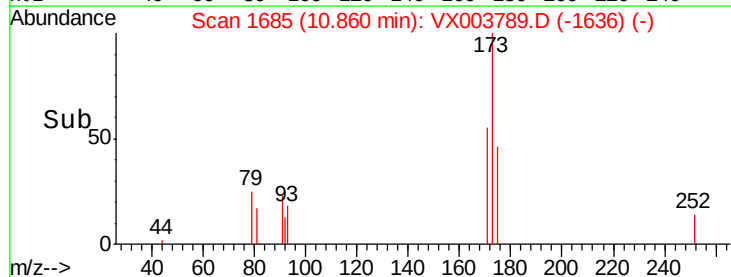
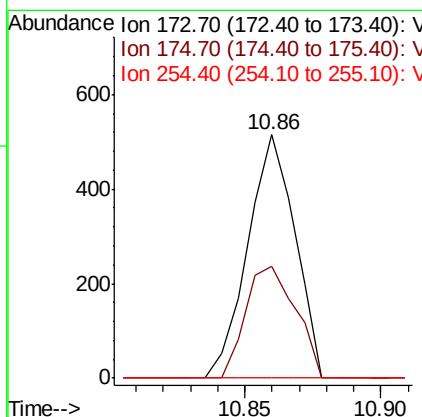
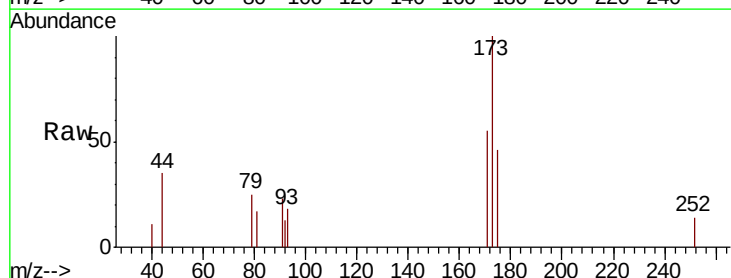
Manual Integrations
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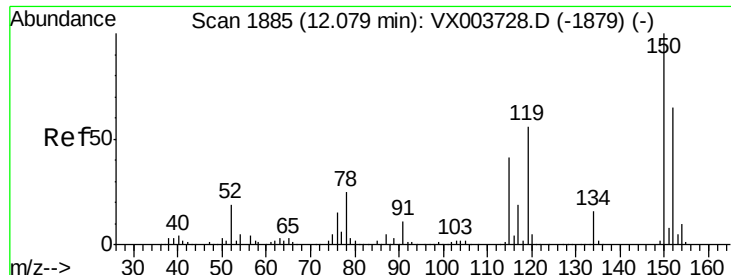
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#71
Bromoform
Concen: 29.71 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.9	74.6
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MSD

Tot Ion:152 Resp: 1420

Ion Ratio Lower Upper

152 100

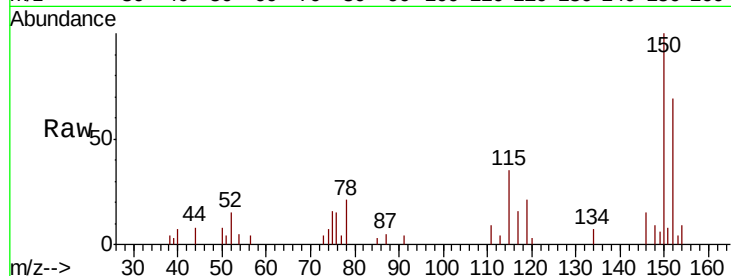
115 92.0 38.5 115.3

150 170.6 0.0 346.2

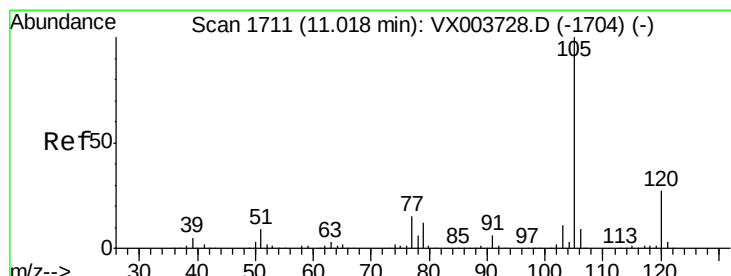
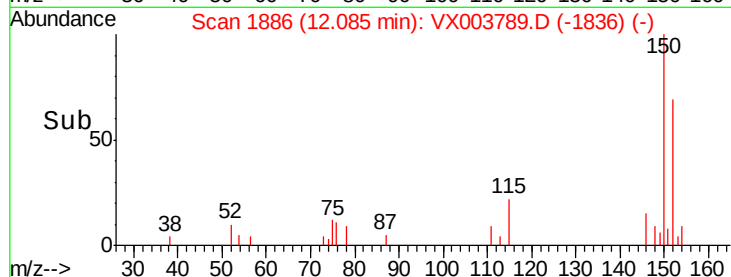
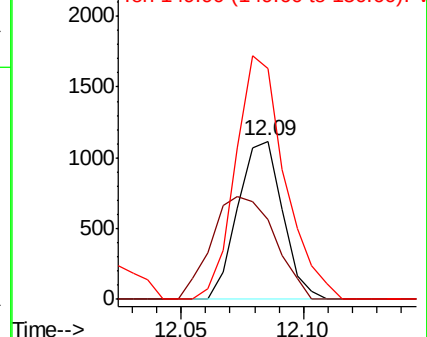
Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 107.80 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003789.D

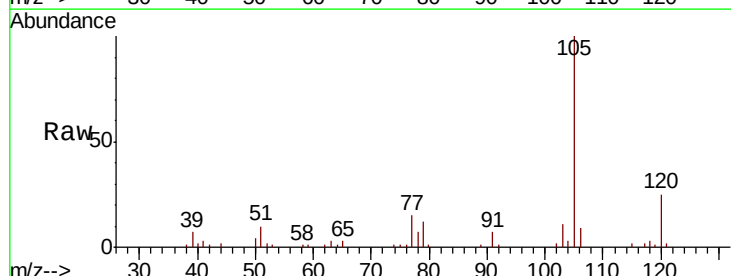
Acq: 01 Aug 2018 09:20

Tgt Ion:105 Resp: 9583

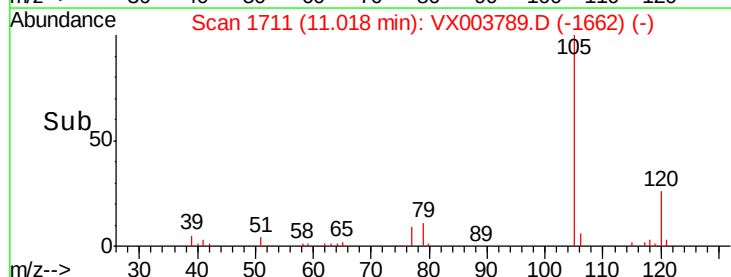
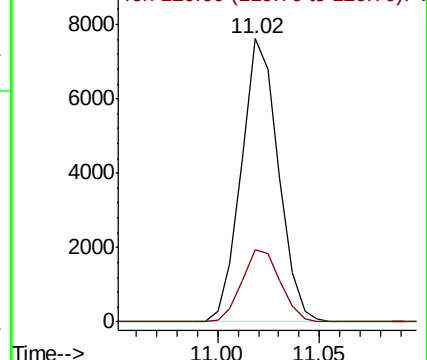
Ion Ratio Lower Upper

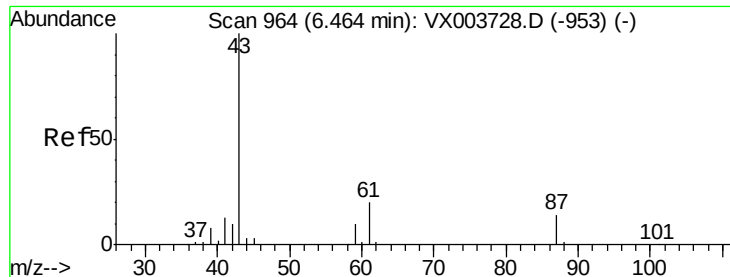
105 100

120 26.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 64.90 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.01 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

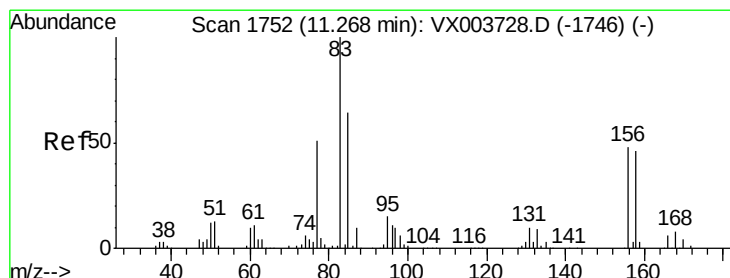
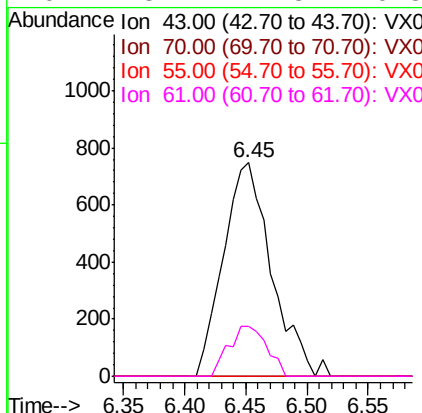
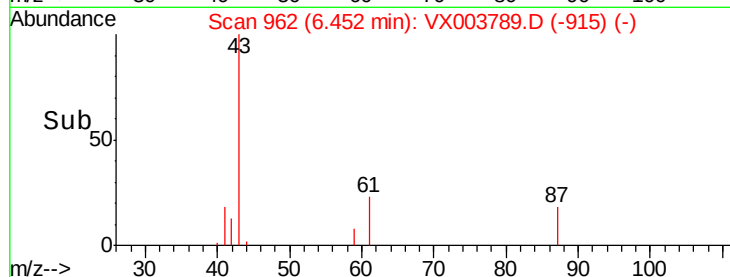
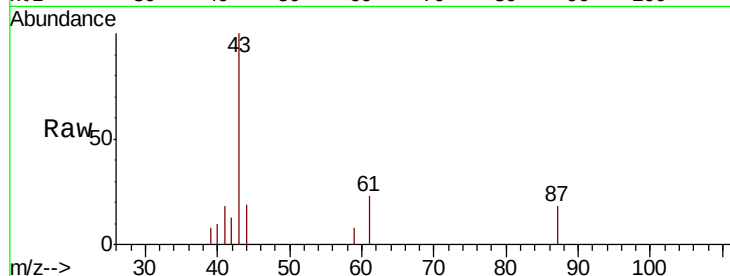
ClientSampleId :

SB-6(7-9)MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	0.0	31.0	46.6#	
55	0.0	18.9	28.3#	
61	18.7	17.8	26.8	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 62.52 ug/l

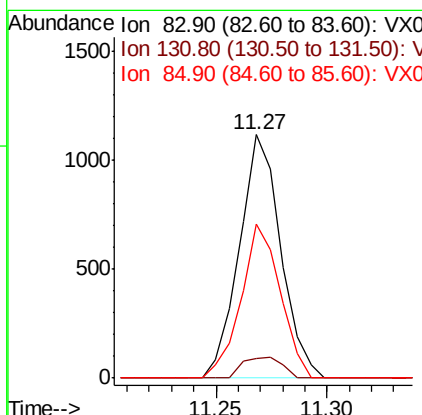
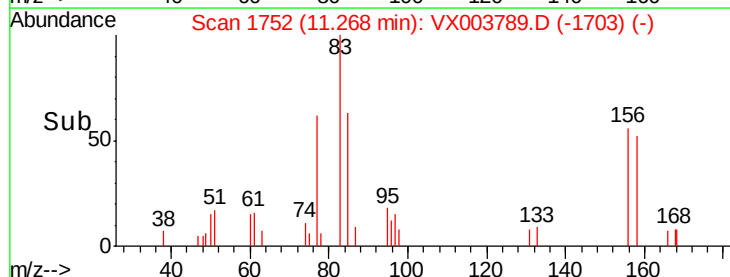
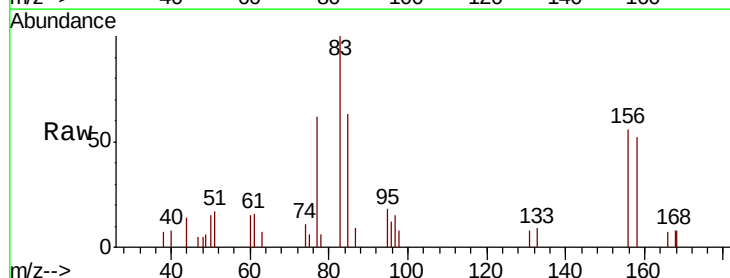
RT: 11.27 min Scan# 1752

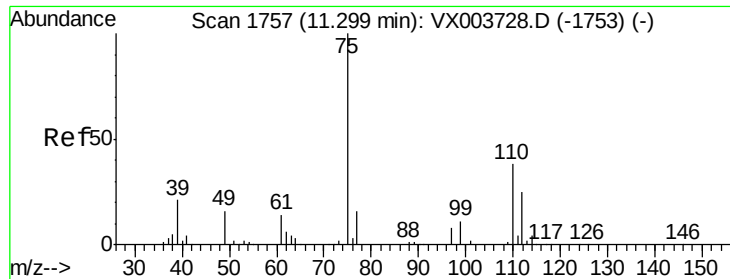
Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	8.2	5.3	15.9	
85	60.0	32.0	96.2	





#76

1,2,3-Trichloropropane

Concen: 56.86 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MSD

Tot Ion: 75 Resp: 1113

Ion Ratio Lower Upper

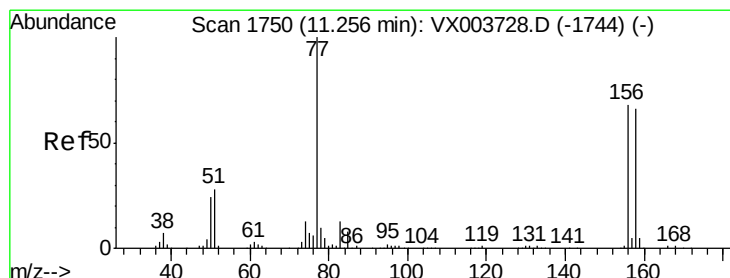
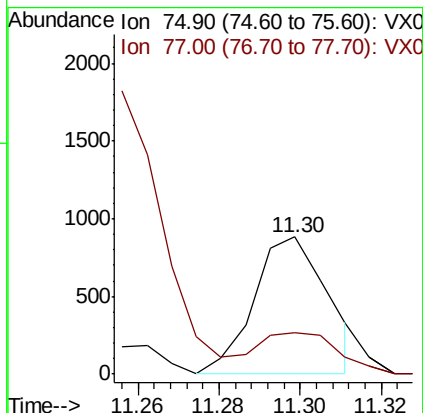
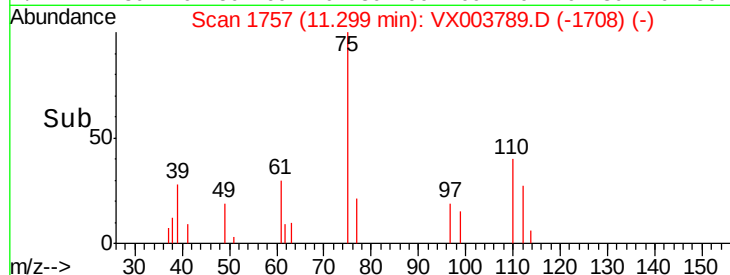
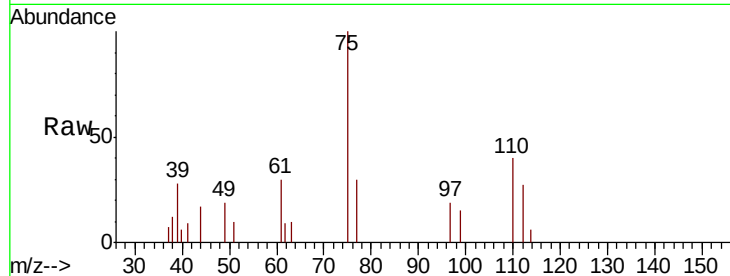
75 100

77 34.7 21.6 65.0

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#77

Bromobenzene

Concen: 64.72 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

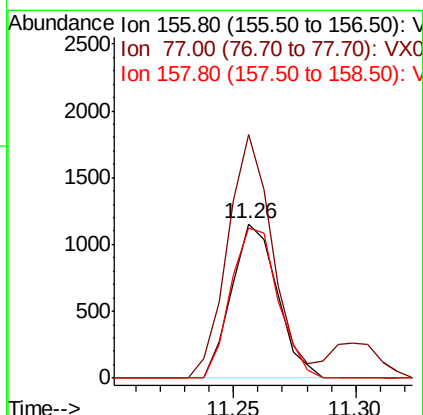
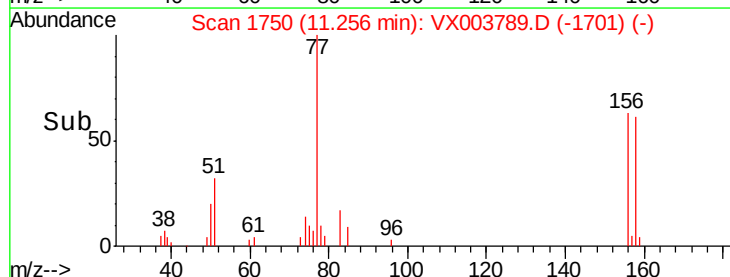
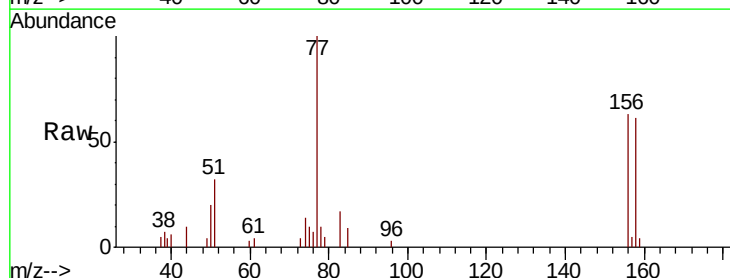
Tgt Ion: 156 Resp: 1500

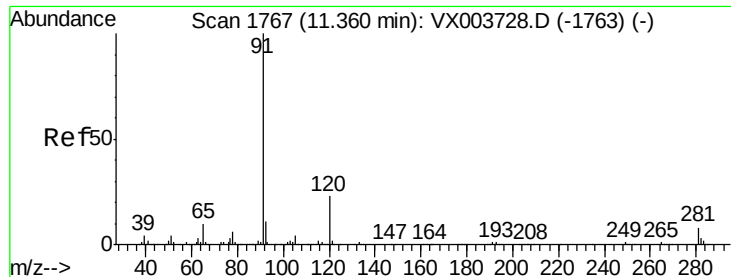
Ion Ratio Lower Upper

156 100

77 154.1 71.8 215.3

158 100.5 48.8 146.4





#78

n-propylbenzene

Concen: 90.31 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MSD

Tot Ion: 91 Resp: 9726

Ion Ratio Lower Upper

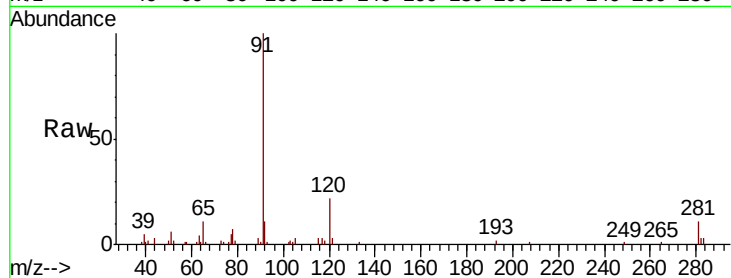
91 100

120 23.8 11.9 35.5

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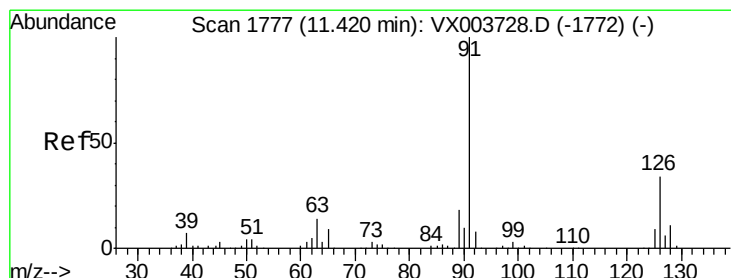
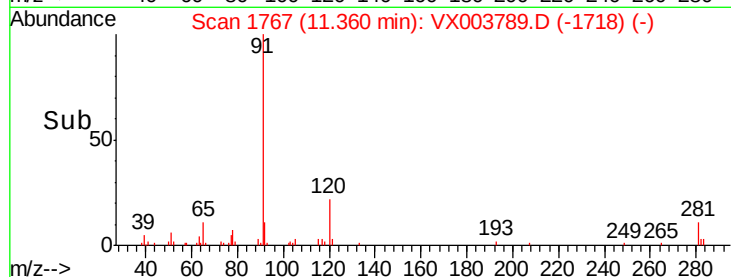
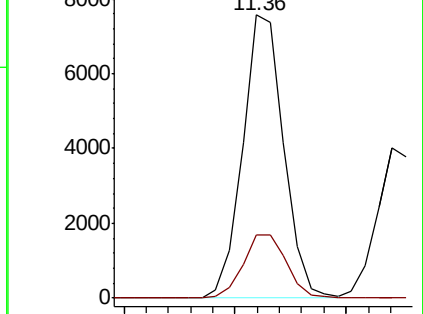
apatel

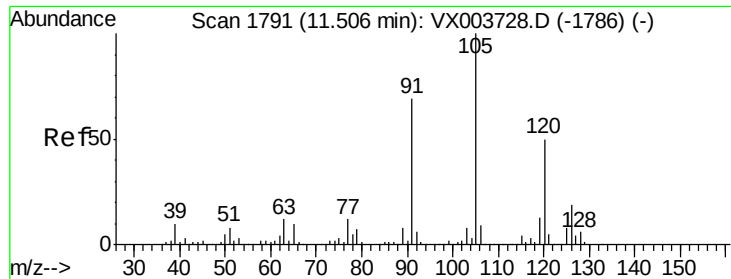
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





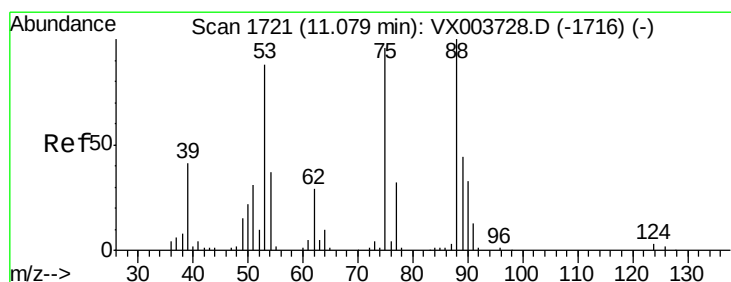
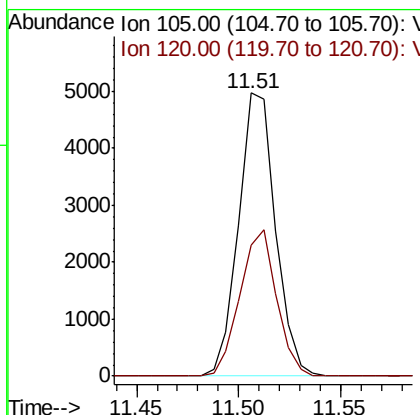
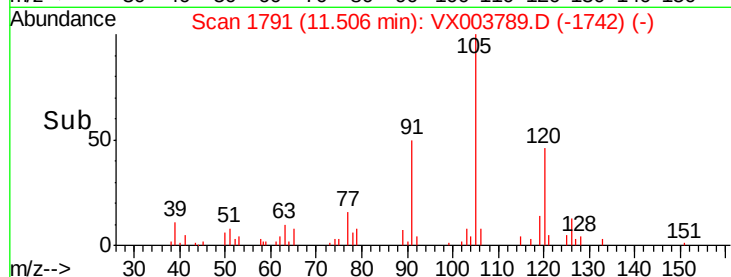
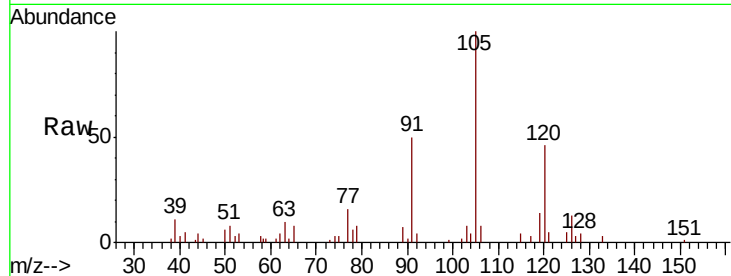
#80
 1,3,5-Trimethylbenzene
 Concen: 82.40 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion:105 Resp: 6252
 Ion Ratio Lower Upper
 105 100
 120 51.2 15.8 47.4#

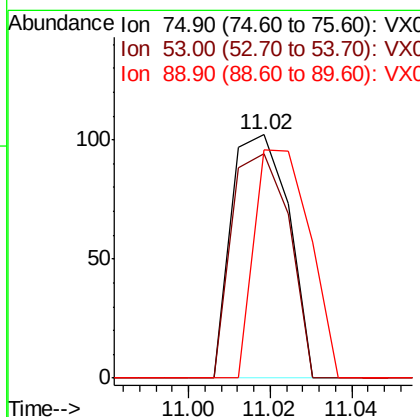
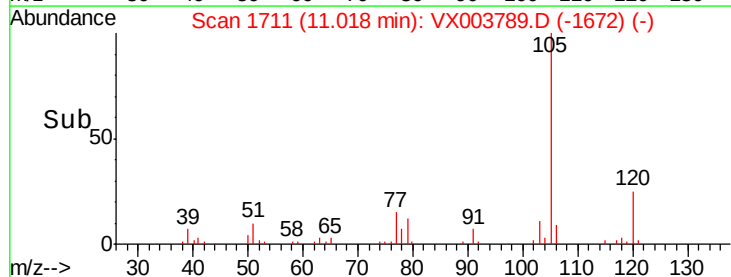
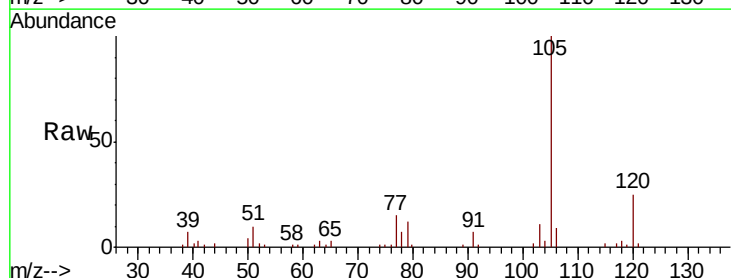
Manual Integrations
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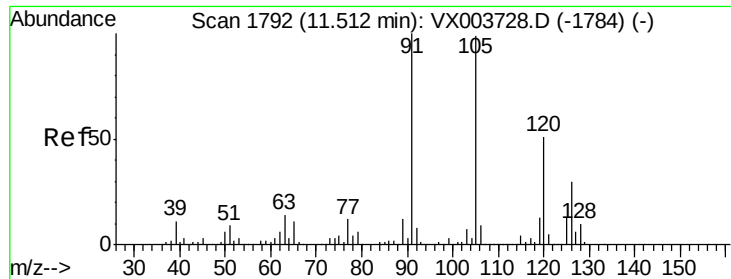
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 14.98 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. -0.06 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Tgt Ion: 75 Resp: 99
 Ion Ratio Lower Upper
 75 100
 53 92.9 75.8 113.8
 89 91.9 39.1 58.7#





#82

4-Chlorotoluene

Concen: 64.59 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MSD

Tot Ion: 91 Resp: 4790

Ion Ratio Lower Upper

91 100

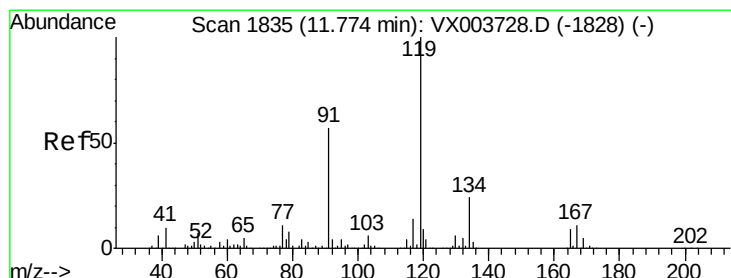
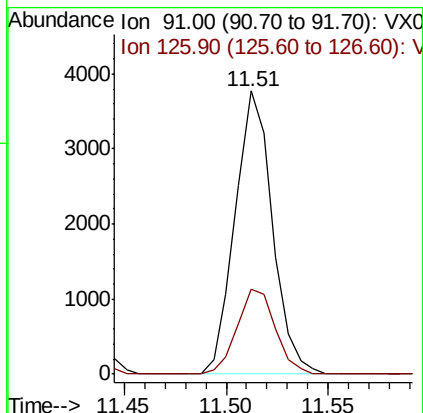
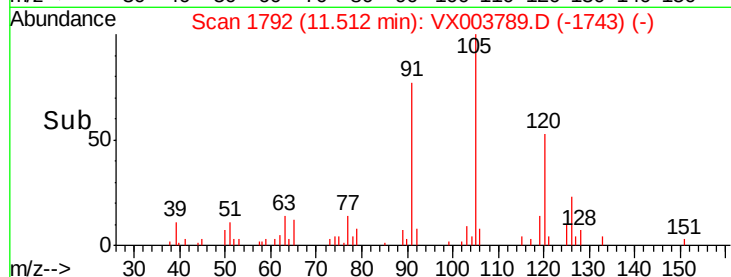
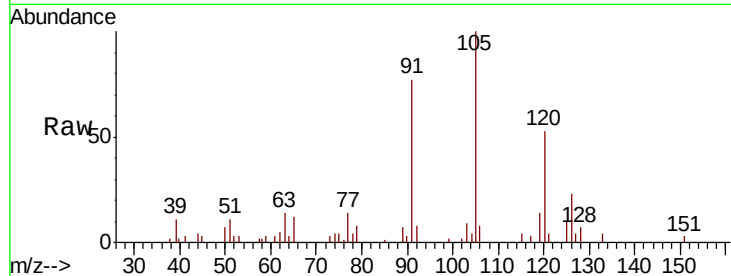
126 30.6 15.6 46.7

Manual Integrations

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#83

tert-Butylbenzene

Concen: 95.04 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

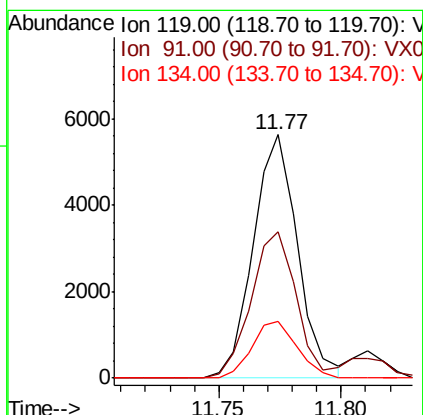
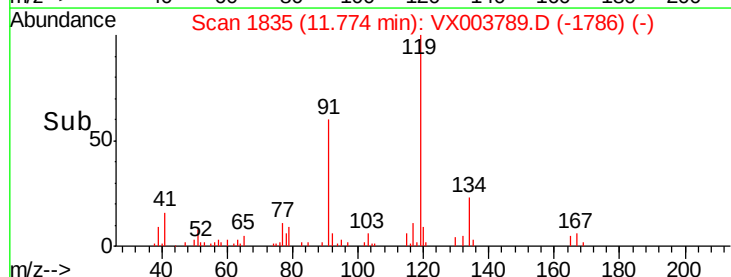
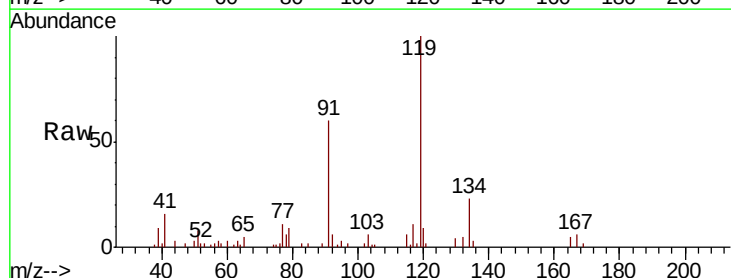
Tgt Ion: 119 Resp: 7133

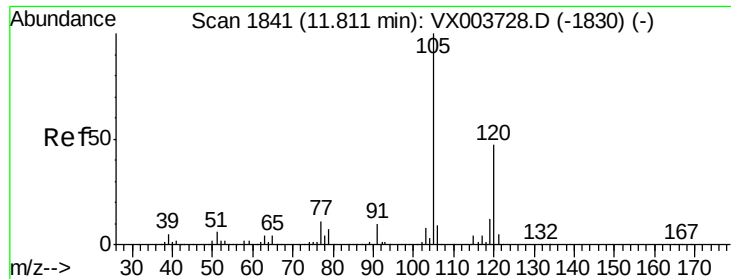
Ion Ratio Lower Upper

119 100

91 62.2 27.2 81.6

134 23.6 11.6 34.8





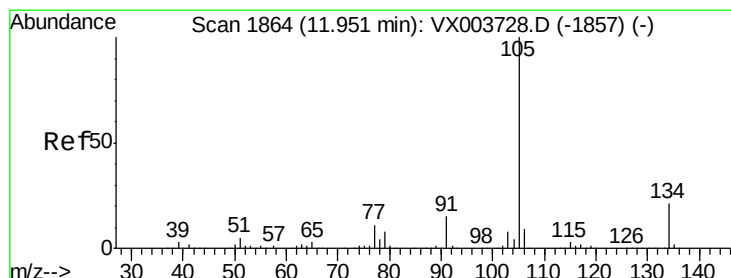
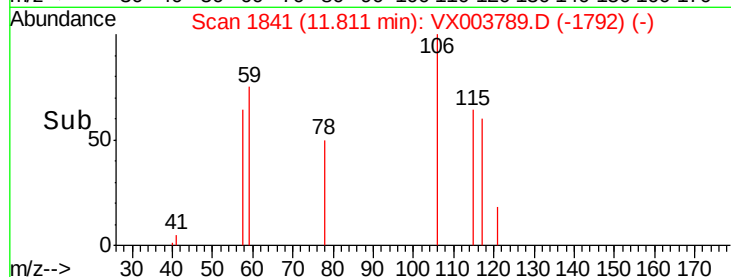
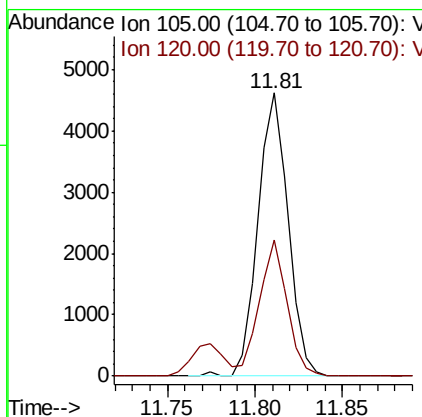
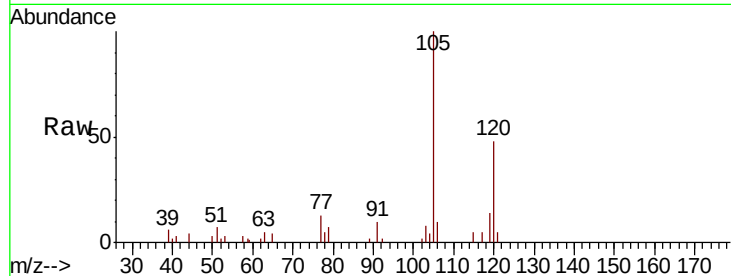
#84
 1,2,4-Trimethylbenzene
 Concen: 70.54 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.1	69.2

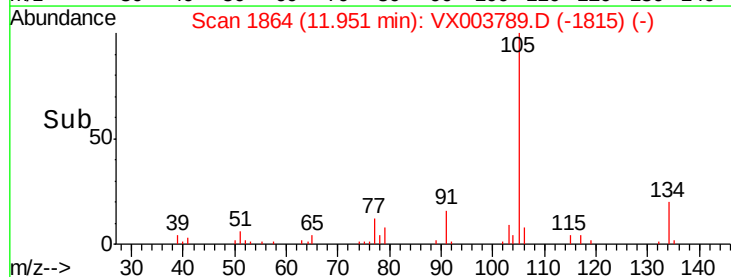
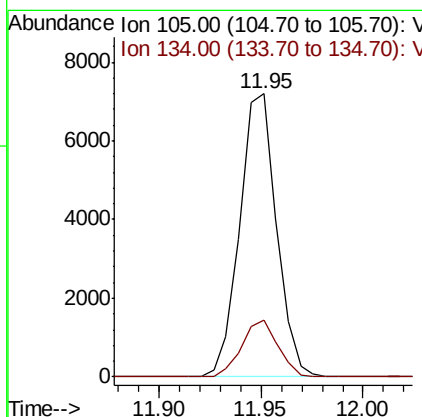
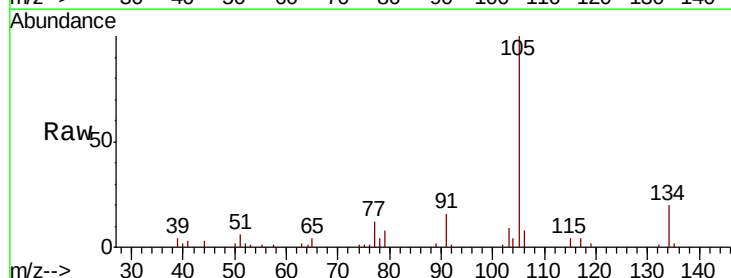
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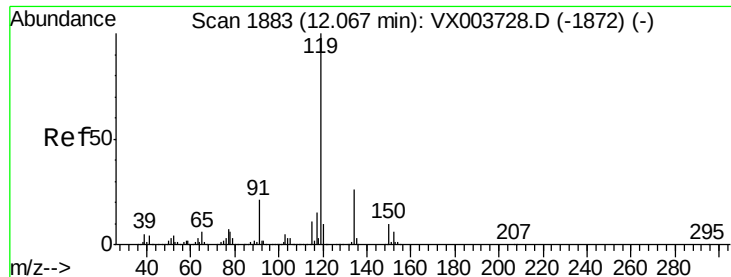
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#85
 sec-Butylbenzene
 Concen: 93.95 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.3	30.8





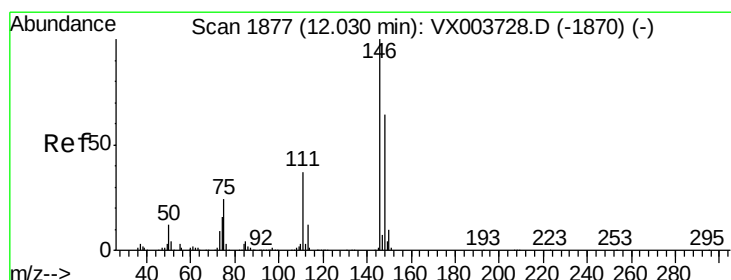
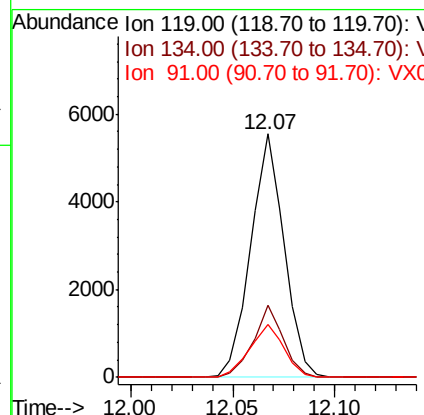
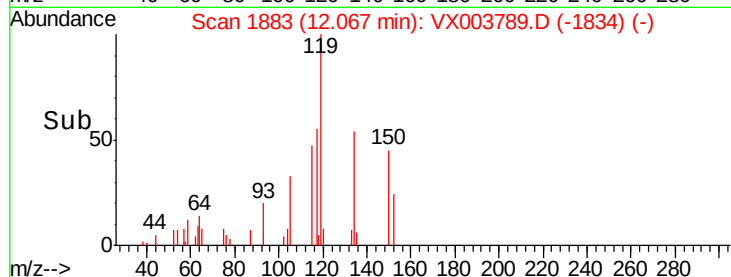
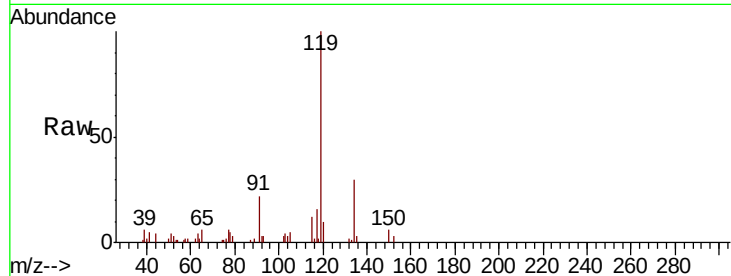
#86
 p-Isopropyltoluene
 Concen: 72.35 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	10.1	30.1
91	22.1	23.6	70.8#

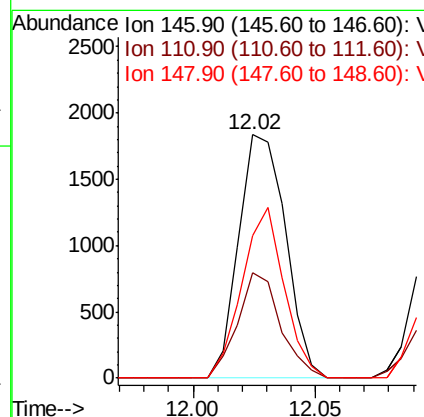
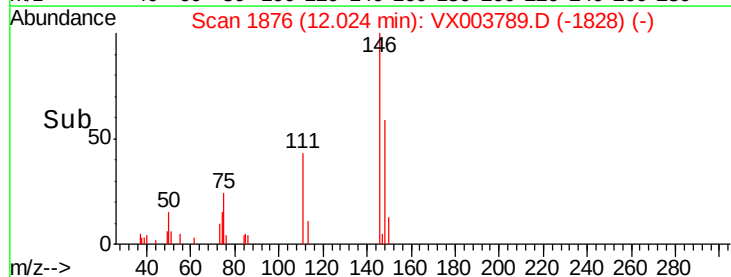
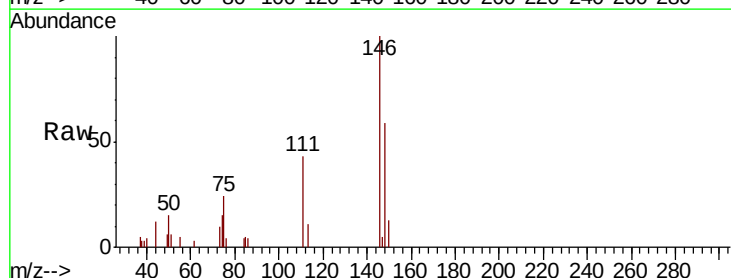
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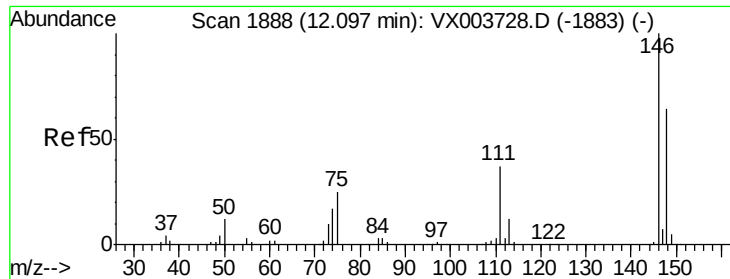
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#87
 1,3-Dichlorobenzene
 Concen: 52.32 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.8	56.3
148	63.2	31.9	95.9





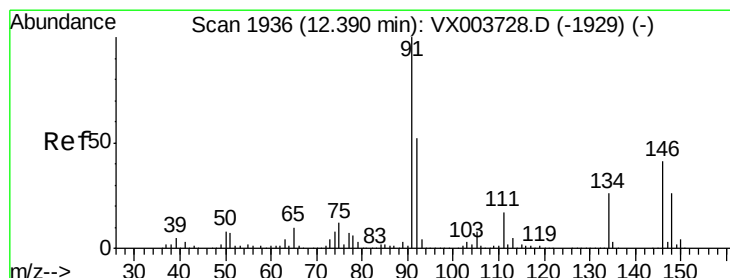
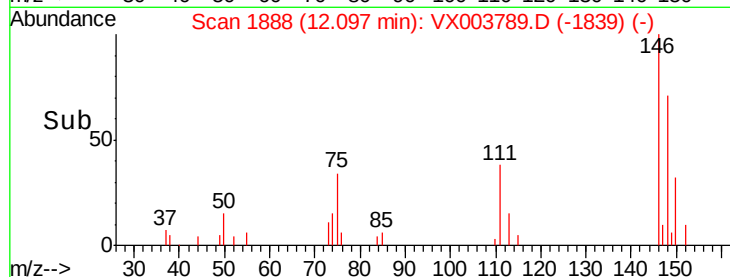
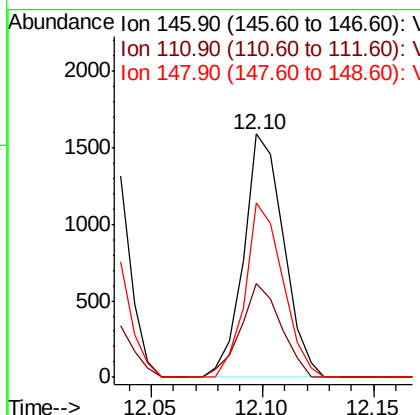
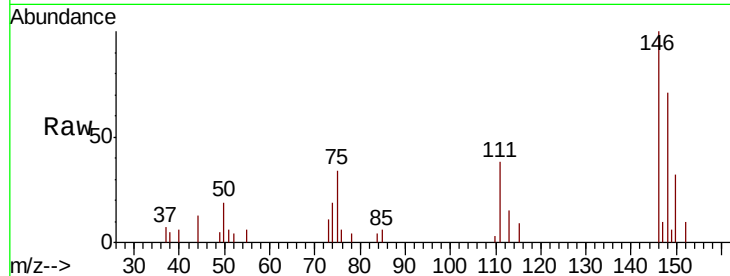
#88
 1,4-Dichlorobenzene
 Concen: 41.69 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.3	54.9
148	67.3	32.0	96.2

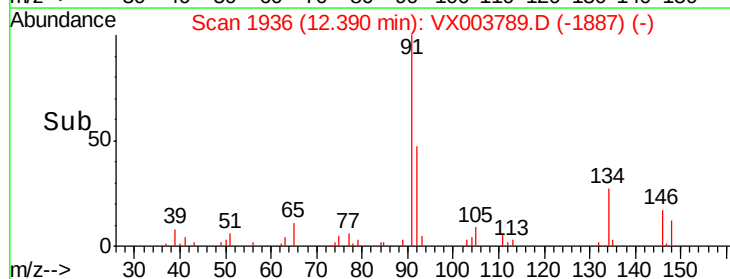
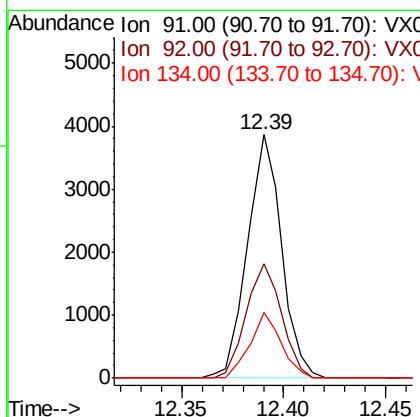
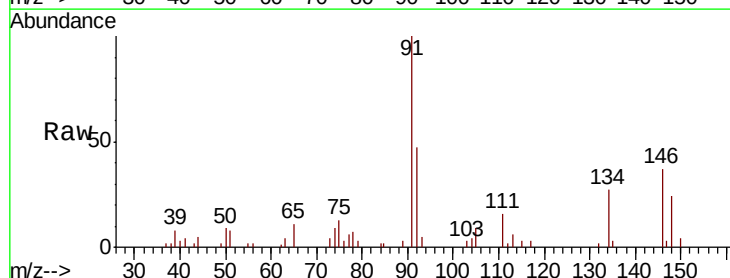
Manual Integrations
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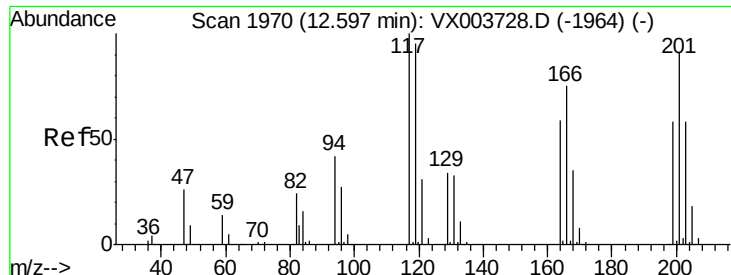
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#89
 n-Butylbenzene
 Concen: 54.22 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.5	26.2	78.5
134	24.7	13.6	40.7





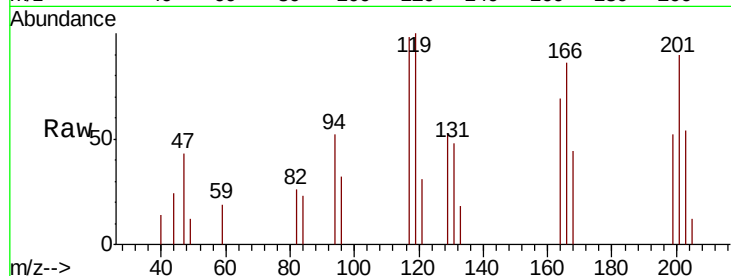
#90
Hexachloroethane
Concen: 58.57 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MSD

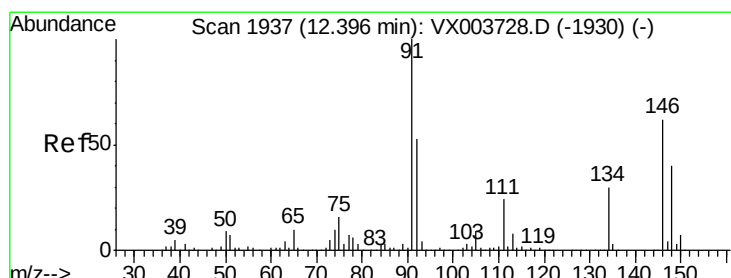
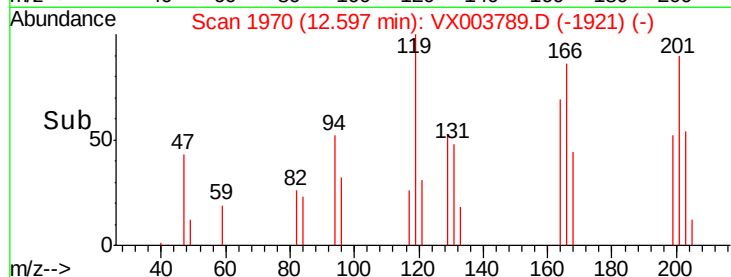
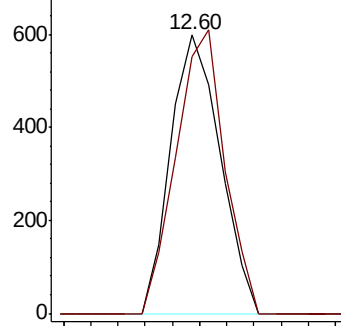
Tot Ion:117 Resp: 759
Ion Ratio Lower Upper
117 100
201 99.5 49.3 147.8

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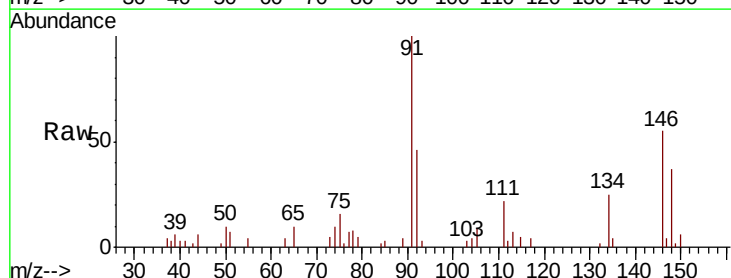


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

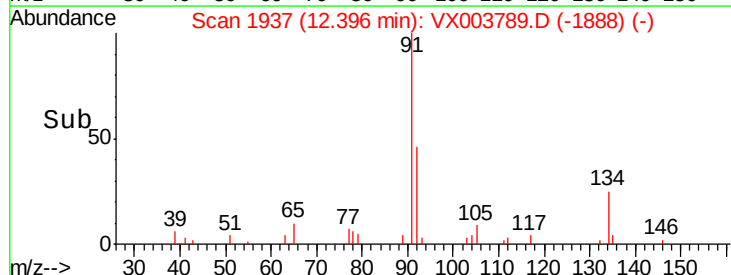
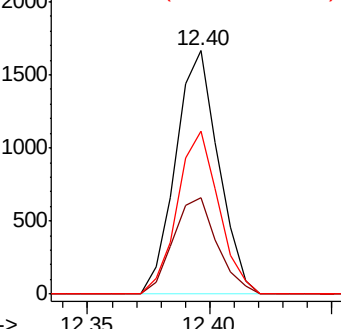


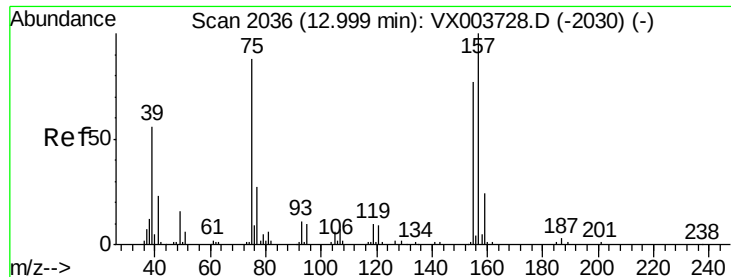
#91
1,2-Dichlorobenzene
Concen: 46.36 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003789.D
Acq: 01 Aug 2018 09:20

Tgt Ion:146 Resp: 2024
Ion Ratio Lower Upper
146 100
111 40.8 19.4 58.4
148 64.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 10.69 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

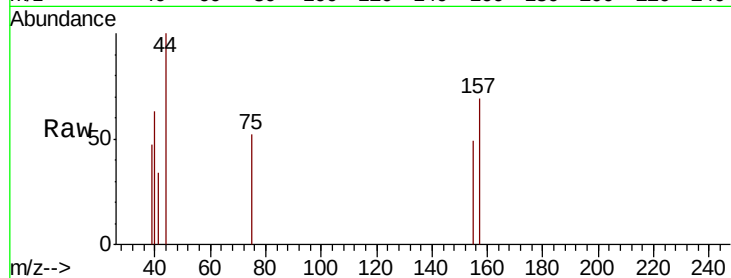
ClientSampled :

SB-6(7-9)MSD

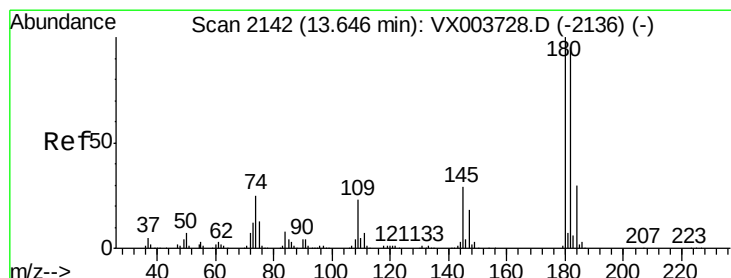
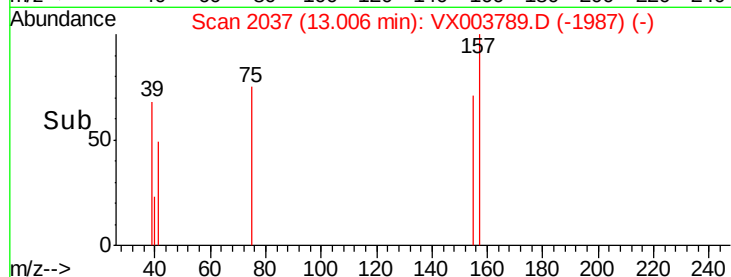
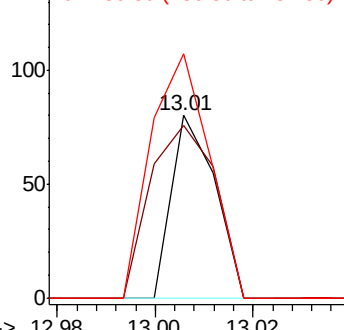
Tot Ion:	75	Resp:	49
Ion	Ratio	Lower	Upper
75	100		
155	144.9	48.9	146.7
157	181.6	63.7	191.1

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Abundance Ion 74.90 (74.60 to 75.60): VX003789.D (-1987) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.67 ug/l

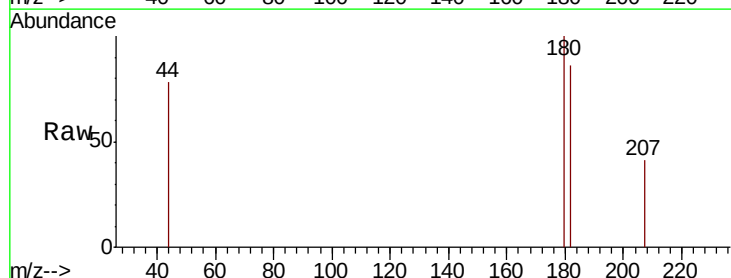
RT: 13.65 min Scan# 2143

Delta R.T. 0.01 min

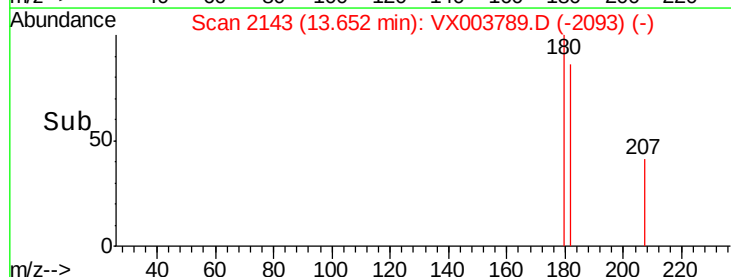
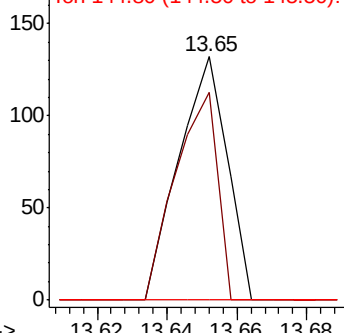
Lab File: VX003789.D

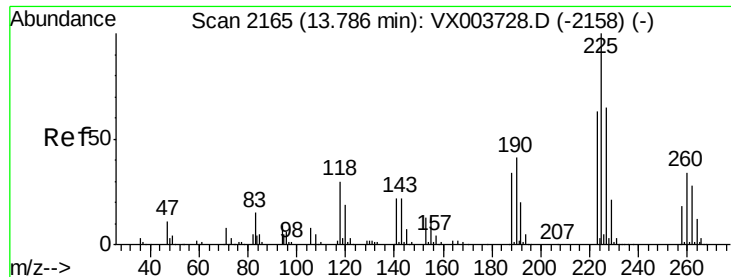
Acq: 01 Aug 2018 09:20

Tgt Ion:	180	Resp:	127
Ion	Ratio	Lower	Upper
180	100		
182	74.0	47.6	142.9
145	0.0	14.1	42.2#



Abundance Ion 179.80 (179.50 to 180.50): VX003789.D (-2093) (-)





#94

Hexachlorobutadiene

Concen: 3.84 ug/l

RT: 13.78 min Scan# 2164

Delta R.T. -0.01 min

Lab File: VX003789.D

Acq: 01 Aug 2018 09:20

Instrument :

MSVOA_X

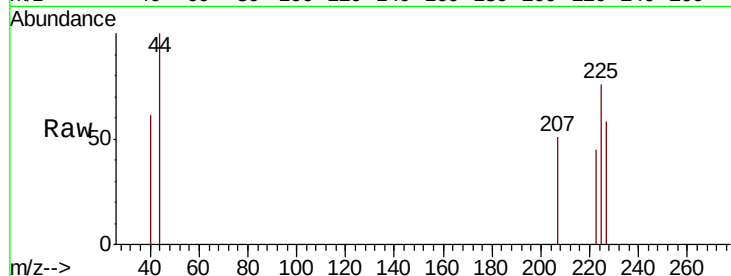
ClientSampled :

SB-6(7-9)MSD

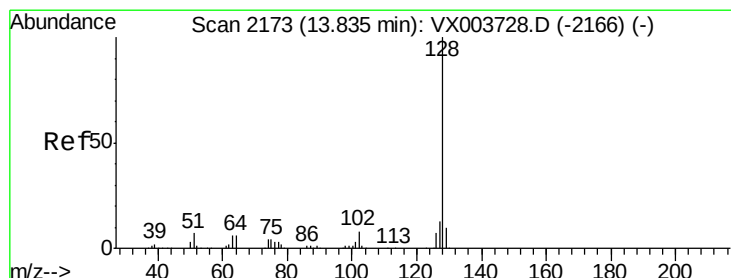
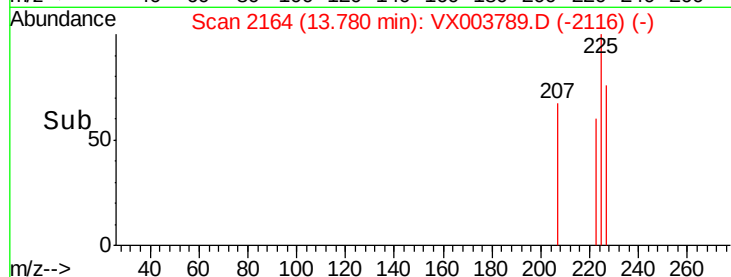
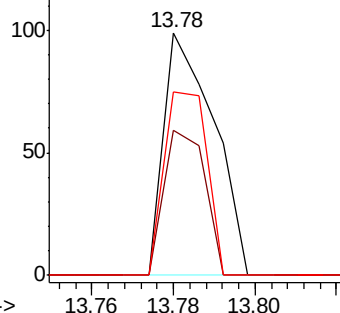
Tot Ion:	225	Resp:	85
Ion Ratio	Lower	Upper	
225	100		
223	48.2	31.1	93.5
227	63.5	31.9	95.9

Manual Integrations
APPROVED

apatel
8/1/2018 6:55:01 PM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 10.19 ug/l

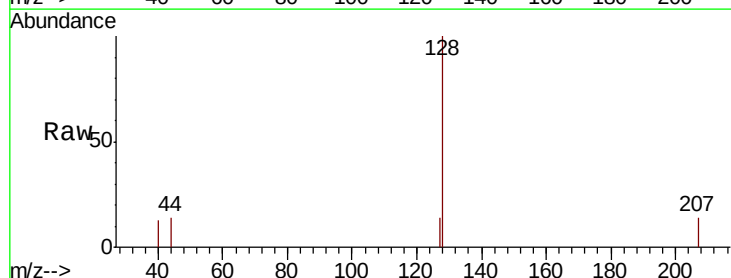
RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

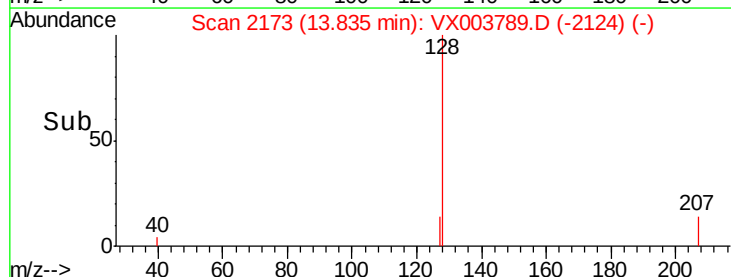
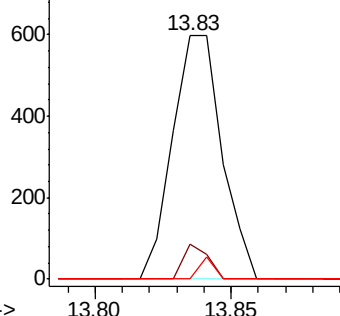
Lab File: VX003789.D

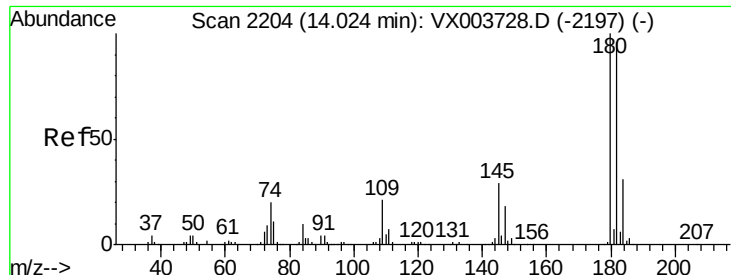
Acq: 01 Aug 2018 09:20

Tgt Ion:	128	Resp:	754
Ion Ratio	Lower	Upper	
128	100		
127	7.0	10.2	15.2#
129	2.5	8.7	13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.07 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003789.D
 Acq: 01 Aug 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	35.4	47.9	143.8#
145	0.0	14.7	44.1#

Manual Integrations
 APPROVED

apatel
 8/1/2018 6:55:01 PM

