

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003777.D
 Acq On : 01 Aug 2018 04:19
 Operator : JC/SP
 Sample : J4143-02MS
 Misc : 9.53G/5.0mL/MSVOA X/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Manual Integrations
 APPROVED

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 8/1/2018 6:54:47 PM

Quant Time: Aug 01 07:30:17 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	75587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	110886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	85971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	32908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	40882	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	5.51	113	37326	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	
50) Toluene-d8	8.72	98	144706	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	11.14	95	39229	39.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32149	50.39	ug/l	96
3) Chloromethane	1.32	50	40815	50.89	ug/l	100
4) Vinyl Chloride	1.40	62	40694	47.17	ug/l	# 89
5) Bromomethane	1.64	94	24901	53.05	ug/l	96
6) Chloroethane	1.73	64	30758	53.92	ug/l	93
7) Trichlorofluoromethane	1.93	101	57216	50.58	ug/l	96
8) Diethyl Ether	2.19	74	25629	59.95	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36127	50.35	ug/l	99
10) Methyl Iodide	2.51	142	29556	35.83	ug/l	99
11) Tert butyl alcohol	3.07	59	25455	205.64	ug/l	99
12) 1,1-Dichloroethene	2.38	96	33495	49.58	ug/l	93
14) Allvl chloride	2.73	41	47578	39.73	ug/l	96
15) Acrylonitrile	3.15	53	71724	227.84	ug/l	99
16) Acetone	2.45	43	76620	262.39	ug/l	96
17) Carbon Disulfide	2.57	76	75426	34.31	ug/l	99
18) Methyl Acetate	2.78	43	101436	123.61	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	124740	67.83	ug/l	98
20) Methylene Chloride	2.86	84	44369	58.22	ug/l	86
21) trans-1,2-Dichloroethene	3.16	96	34274	46.30	ug/l	97
22) Diisopropyl ether	3.87	45	136006	62.91	ug/l	97
23) Vinyl Acetate	3.83	43	50179	32.18	ug/l	100
24) 1,1-Dichloroethane	3.70	63	72898	57.82	ug/l	98
25) 2-Butanone	4.70	43	103071	242.13	ug/l	98
26) 2,2-Dichloropropane	4.59	77	41960	42.26	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	41479	51.99	ug/l	99
28) Bromochloromethane	5.03	49	30149	53.31	ug/l	97
29) Tetrahydrofuran	5.15	42	64025	236.01	ug/l	99
30) Chloroform	5.22	83	77183	62.12	ug/l	95
31) Cyclohexane	5.57	56	54314	44.60	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	57669	54.01	ug/l	98
36) 1,1-Dichloropropene	5.81	75	47308	45.56	ug/l	98
37) Ethyl Acetate	4.85	43	27930	35.01	ug/l	99
38) Carbon Tetrachloride	5.78	117	46065	47.96	ug/l	93
39) Methylcyclohexane	7.46	83	42361	33.23	ug/l	93

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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	159290	53.53	ug/l	97
41) Methacrylonitrile	5.06	41	23632	52.56	ug/l	99
42) 1,2-Dichloroethane	6.20	62	49473	55.04	ug/l	99
43) Isopropyl Acetate	6.46	43	60778	47.82	ug/l	99
44) Trichloroethene	7.21	130	38125	44.91	ug/l	98
45) 1,2-Dichloropropane	7.52	63	43443	59.36	ug/l	91
46) Dibromomethane	7.67	93	21818	51.74	ug/l	98
47) Bromodichloromethane	7.90	83	47499	56.52	ug/l	97
48) Methyl methacrylate	7.77	41	37027	58.08	ug/l	99
49) 1,4-Dioxane	7.75	88	10559	820.61	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	206651	264.57	ug/l	98
52) Toluene	8.79	92	105543	56.86	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	47201	49.18	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	50729	47.42	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	41010	64.19	ug/l	97
56) Ethyl methacrylate	9.18	69	45616	51.98	ug/l	95
57) 1,3-Dichloropropane	9.37	76	62517	58.29	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	115455	246.76	ug/l	100
59) 2-Hexanone	9.49	43	136934	230.12	ug/l	98
60) Dibromochloromethane	9.59	129	34439	53.53	ug/l	98
61) 1,2-Dibromoethane	9.68	107	32547	49.90	ug/l	99
64) Tetrachloroethene	9.34	164	41504	61.42	ug/l	89
65) Chlorobenzene	10.14	112	92331	51.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	35977	61.41	ug/l	99
67) Ethyl Benzene	10.26	91	156890	51.72	ug/l	99
68) m/p-Xylenes	10.36	106	118939	100.23	ug/l	98
69) o-Xylene	10.70	106	58840	53.40	ug/l	98
70) Stvrene	10.71	104	91558	49.39	ug/l	99
71) Bromoform	10.86	173	21784	54.08	ug/l #	99
73) Isopropylbenzene	11.02	105	140206	68.06	ug/l	99
74) N-amyl acetate	6.46	43	60778	83.23	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.27	83	43087	80.45	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	36278m	79.98	ug/l	
77) Bromobenzene	11.26	156	37854	70.48	ug/l	97
78) n-propylbenzene	11.36	91	146619	58.75	ug/l	99
79) 2-Chlorotoluene	11.42	91	91733	64.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	107448	61.10	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	8048	52.55	ug/l	93
82) 4-Chlorotoluene	11.51	91	103498	60.22	ug/l	100
83) tert-Butylbenzene	11.77	119	95964	55.18	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	109585	60.54	ug/l	98
85) sec-Butylbenzene	11.94	105	106050	47.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	94835	46.89	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	54489	50.15	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	55761	50.30	ug/l	99
89) n-Butylbenzene	12.39	91	70994	36.88	ug/l	99
90) Hexachloroethane	12.60	117	12465	41.51	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	54609	53.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6397	60.19	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	22685	28.26	ug/l	99

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ClientSampleId :
SB-1(3-5)MS

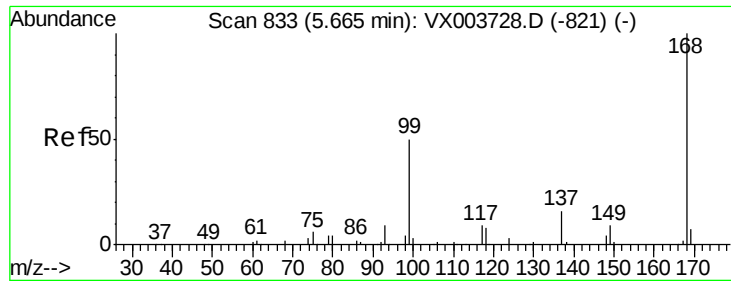
Manual Integrations
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8/1/2018 6:54:47 PM

Quant Time: Aug 01 07:30:17 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)
94) Hexachlorobutadiene	13.79	225	9677	18.85	ug/l	98
95) Naphthalene	13.83	128	116765	68.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	20555	28.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

Tot Ion:168 Resp: 75587

Ion Ratio Lower Upper

168 100

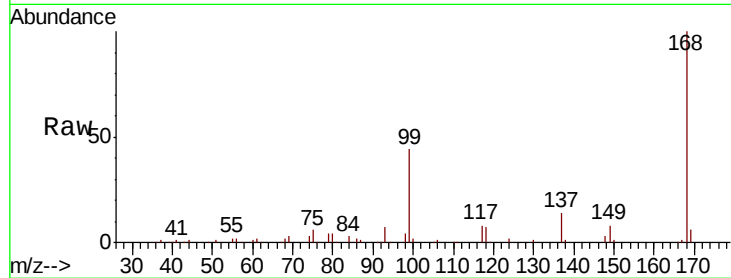
99 44.2 40.2 60.2

Manual Integrations

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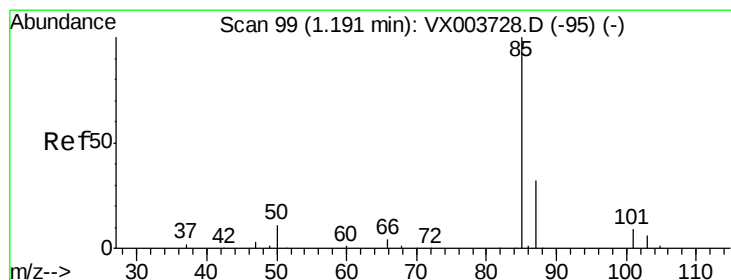
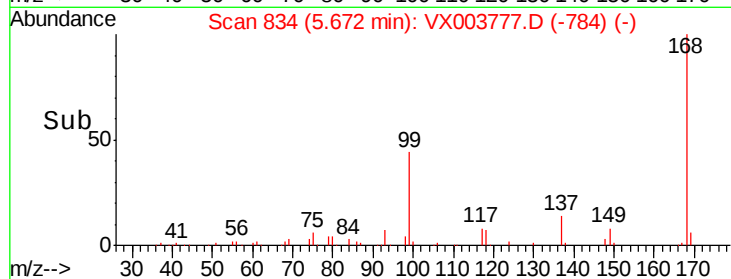
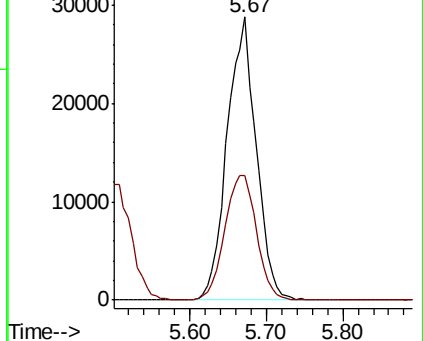
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.39 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX003777.D

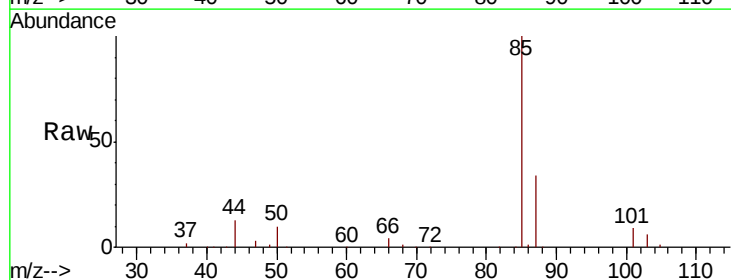
Acq: 01 Aug 2018 04:19

Tgt Ion: 85 Resp: 32149

Ion Ratio Lower Upper

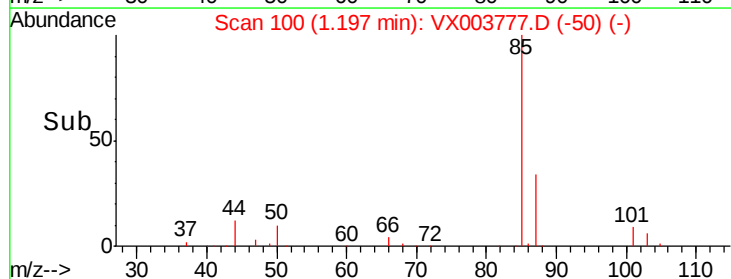
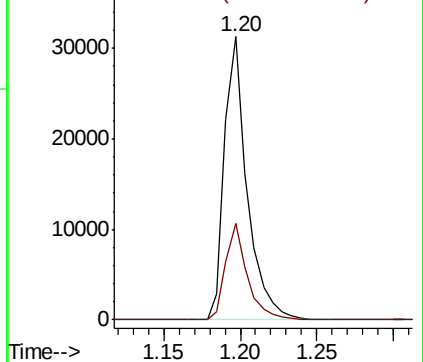
85 100

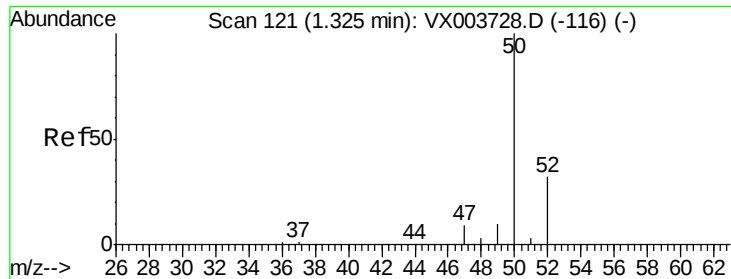
87 34.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.89 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

Tot Ion: 50 Resp: 40815

Ion Ratio Lower Upper

50 100

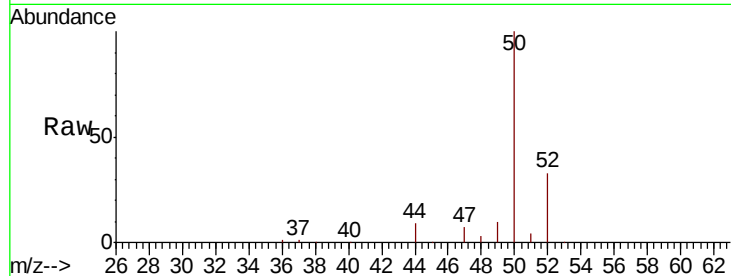
52 32.5 25.9 38.9

Manual Integrations

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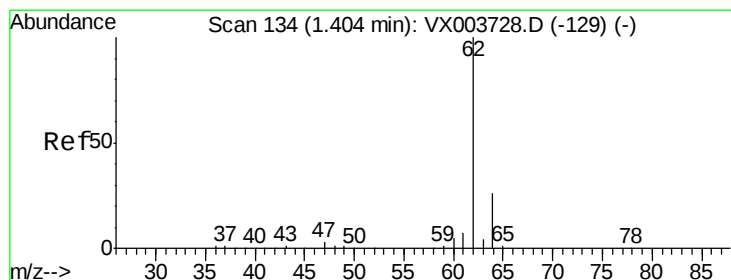
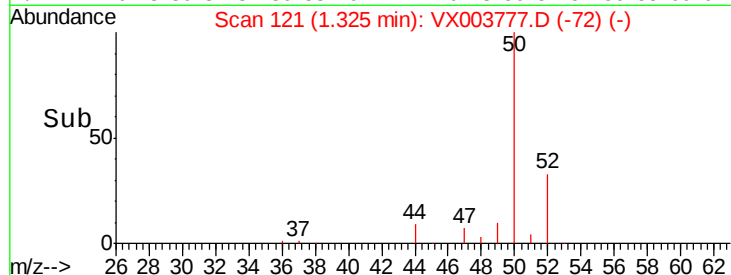
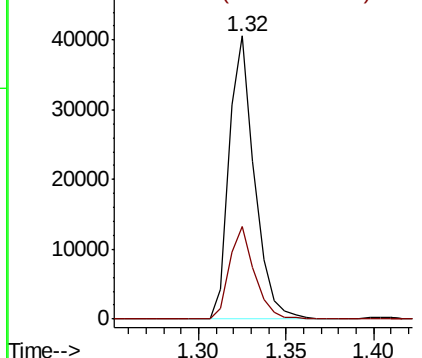
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.17 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003777.D

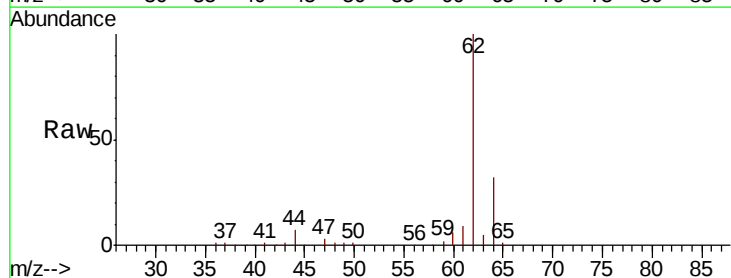
Acq: 01 Aug 2018 04:19

Tgt Ion: 62 Resp: 40694

Ion Ratio Lower Upper

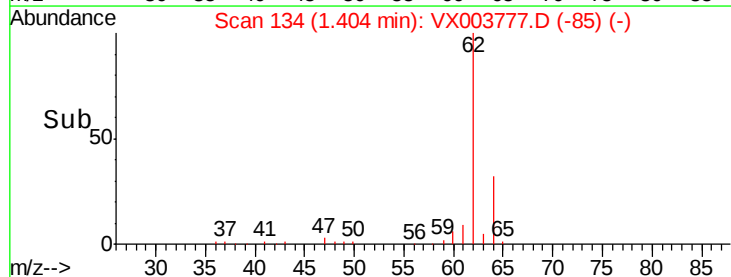
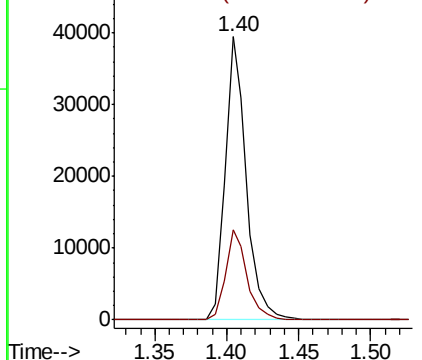
62 100

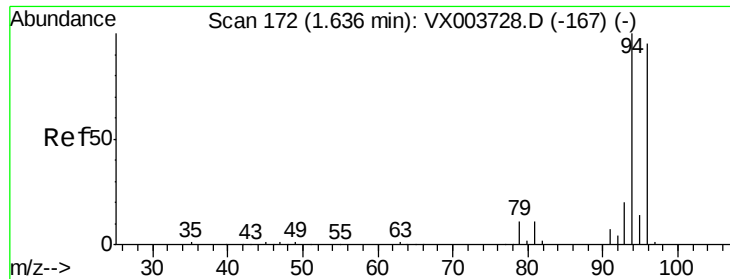
64 31.9 21.0 31.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





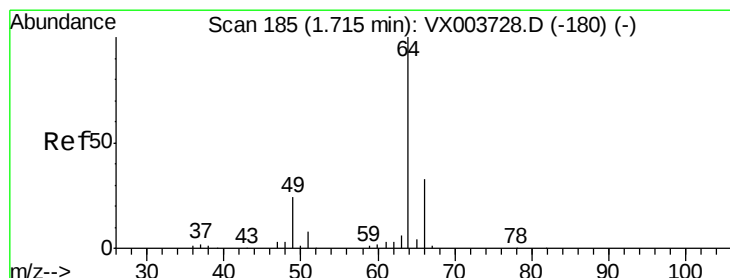
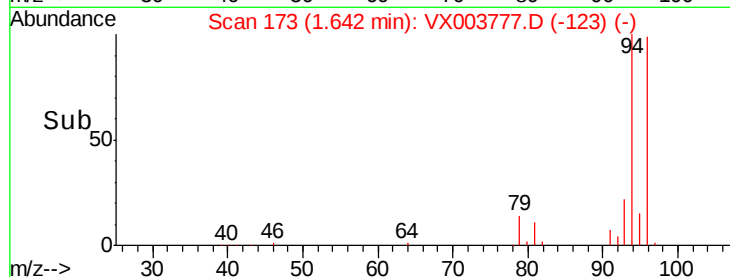
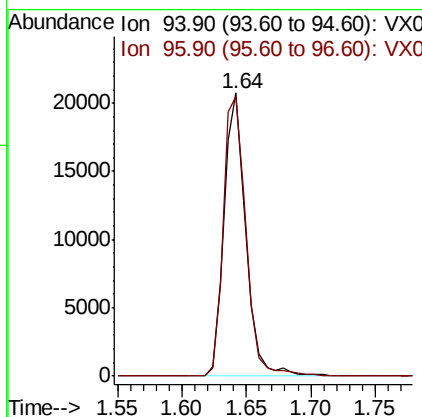
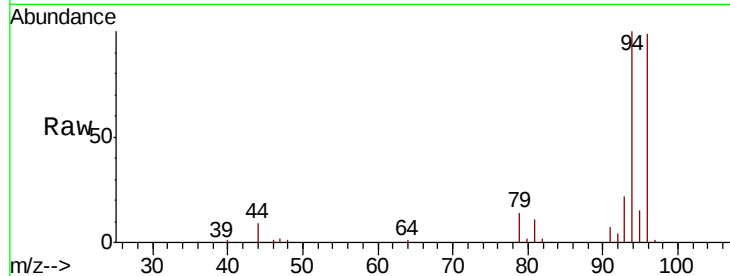
#5
Bromomethane
Concen: 53.05 ug/l
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion: 94 Resp: 24901
Ion Ratio Lower Upper
94 100
96 98.7 76.0 114.0

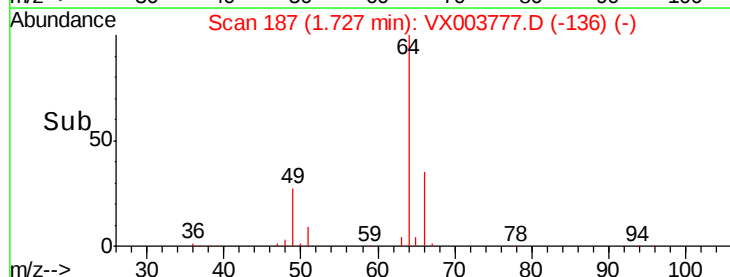
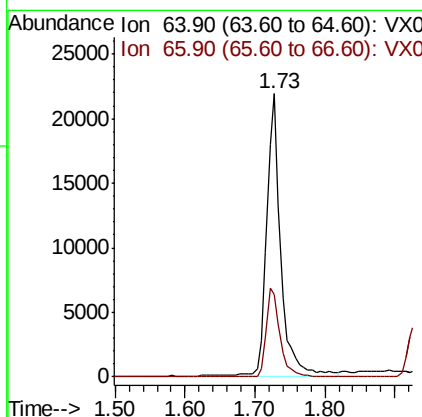
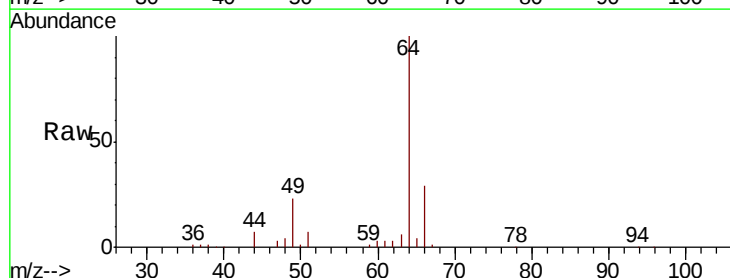
Manual Integrations
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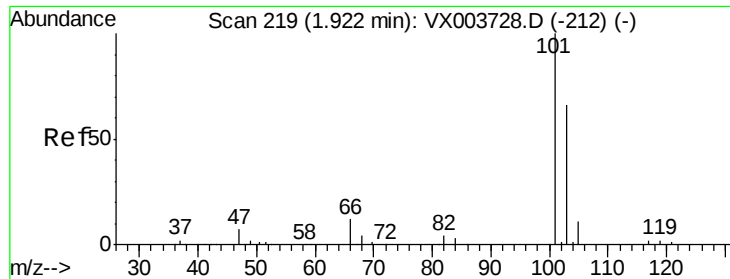
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#6
Chloroethane
Concen: 53.92 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 64 Resp: 30758
Ion Ratio Lower Upper
64 100
66 29.2 26.4 39.6





#7

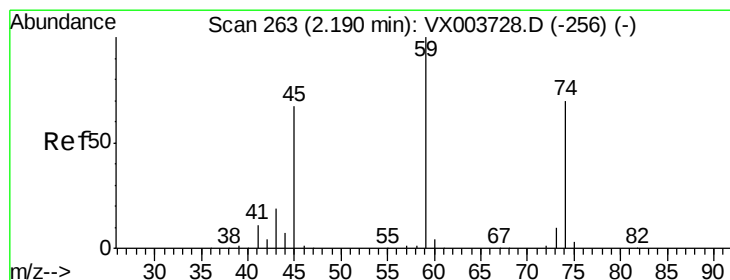
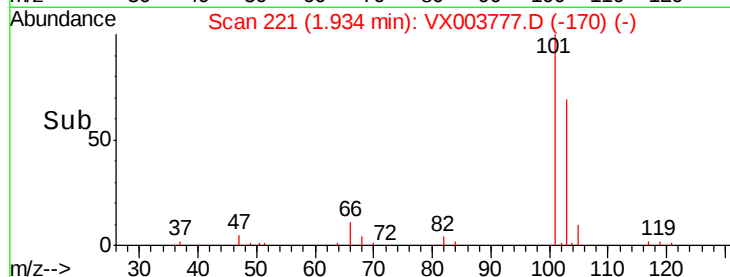
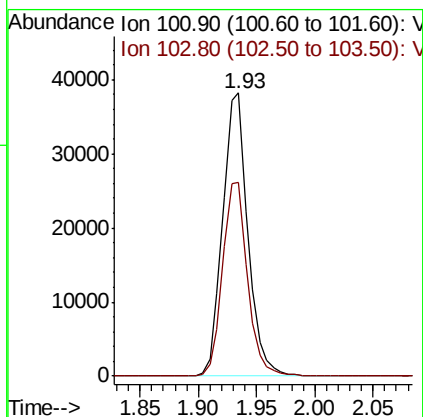
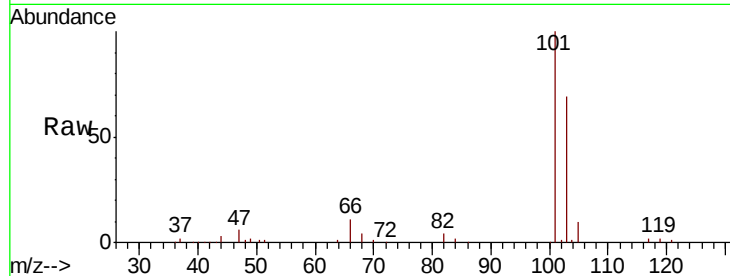
Trichlorofluoromethane
Concen: 50.58 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion:101 Resp: 57216
Ion Ratio Lower Upper
101 100
103 68.6 52.6 78.8

Manual Integrations
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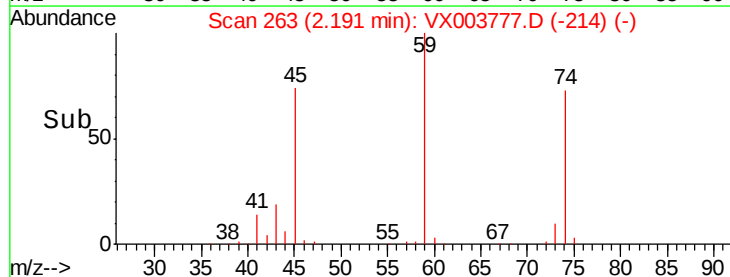
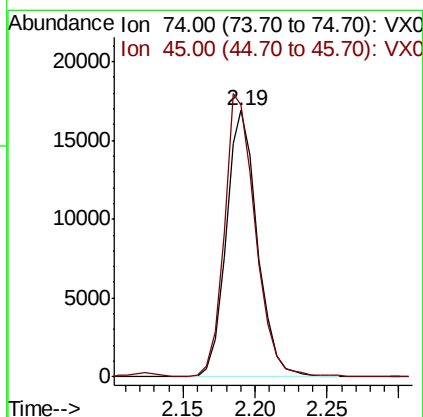
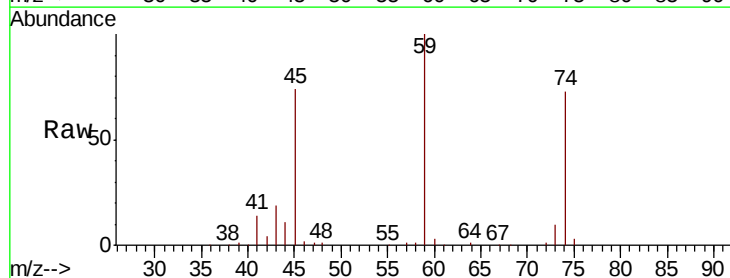
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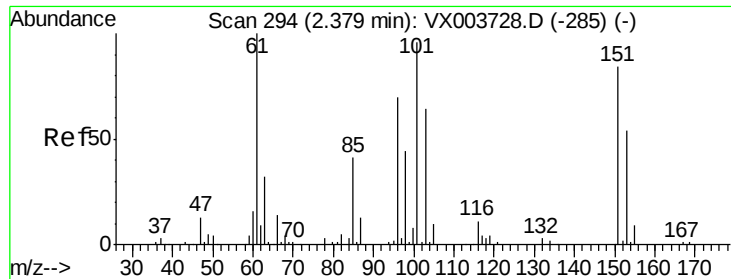


#8

Diethyl Ether
Concen: 59.95 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 74 Resp: 25629
Ion Ratio Lower Upper
74 100
45 106.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.35 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

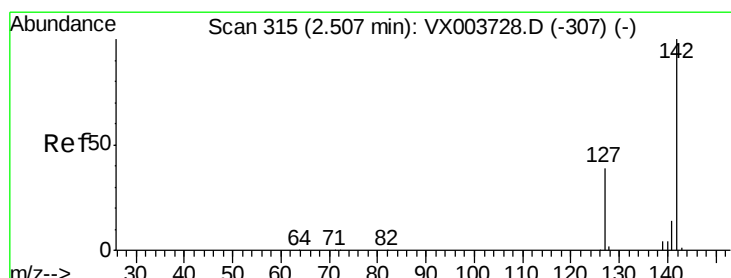
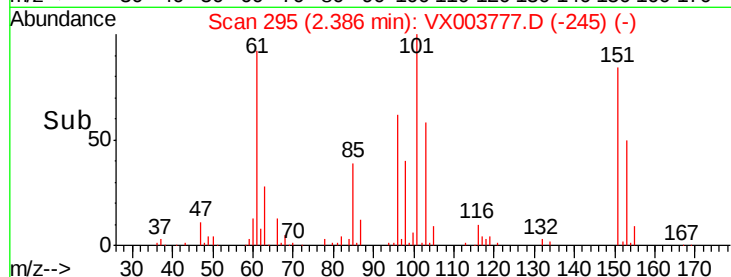
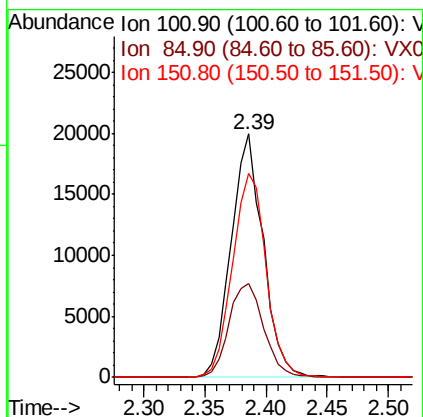
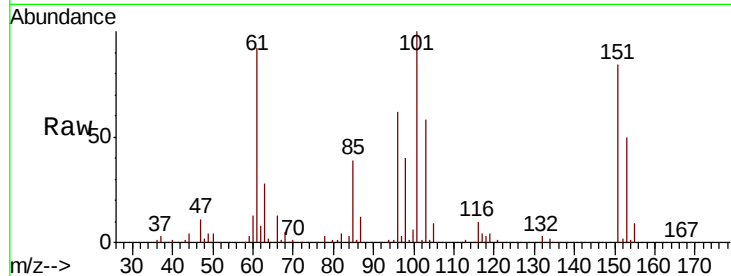
ClientSampled :

SB-1(3-5)MS

Tot Ion:	101	Resp:	36127
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.3	49.9
151	87.7	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 35.83 ug/l

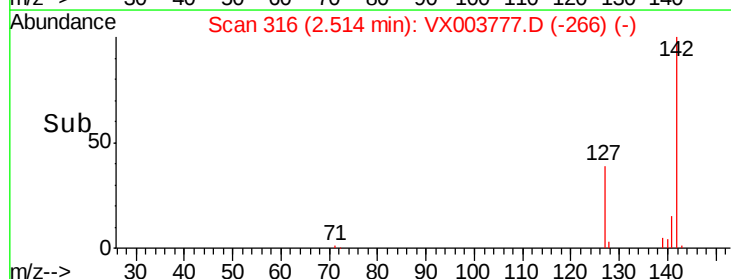
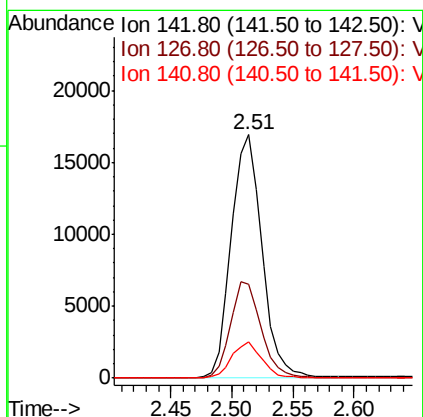
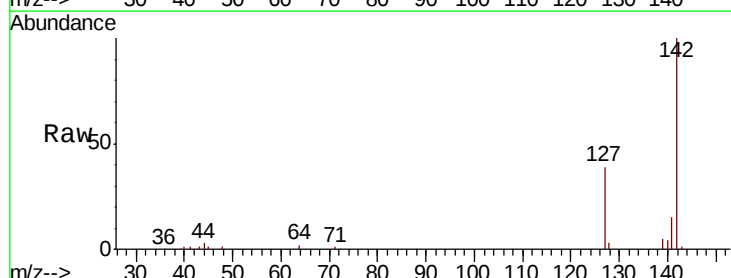
RT: 2.51 min Scan# 316

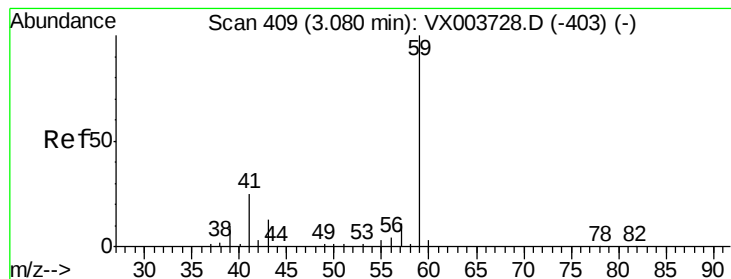
Delta R.T. 0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Tgt Ion:	142	Resp:	29556
Ion Ratio	Lower	Upper	
142	100		
127	39.3	32.0	48.0
141	14.3	11.3	16.9





#11

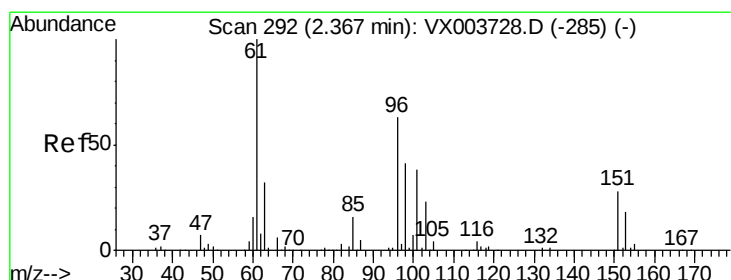
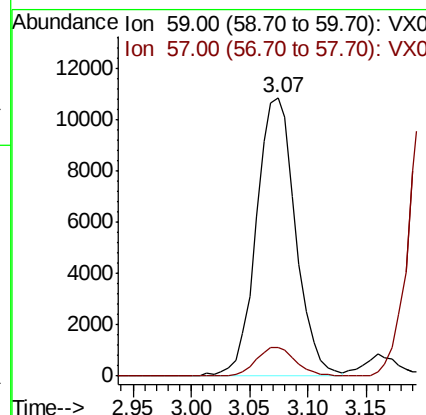
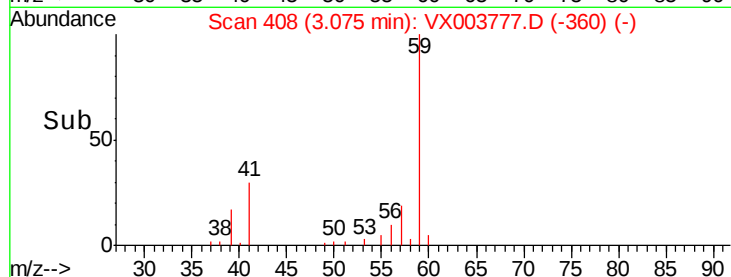
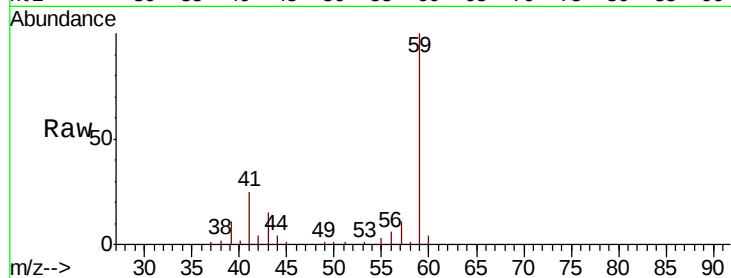
Tert butyl alcohol
Concen: 205.64 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampled :
SB-1(3-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	25455		
57	57	10.4		8.1	12.1

Manual Integrations
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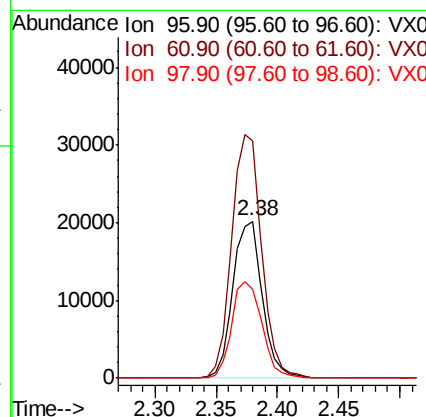
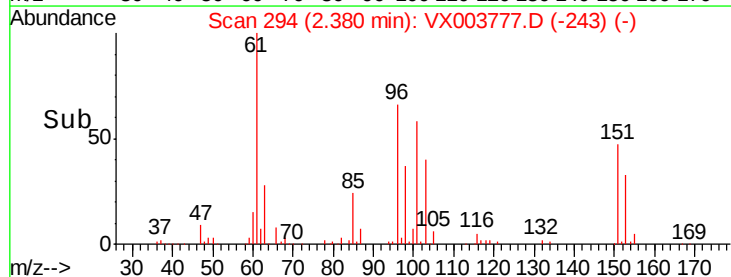
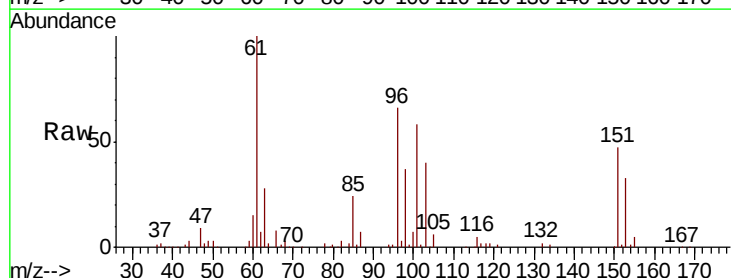
apatel
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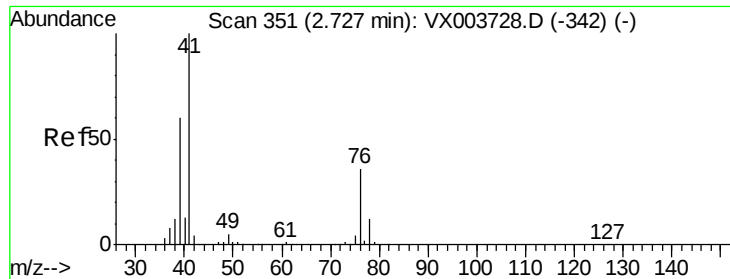


#12

1,1-Dichloroethene
Concen: 49.58 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	33495		
61	61	151.4		127.1	190.7
98	98	56.3		52.0	78.0





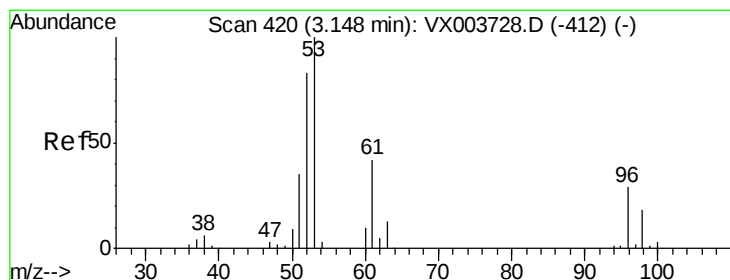
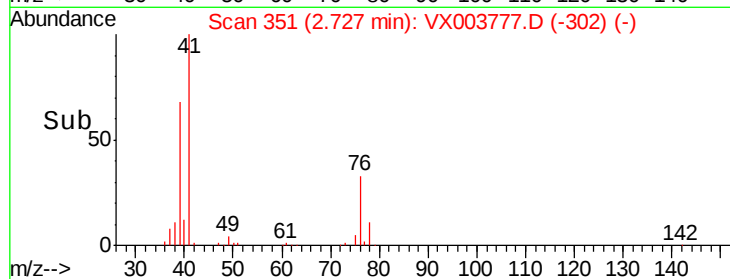
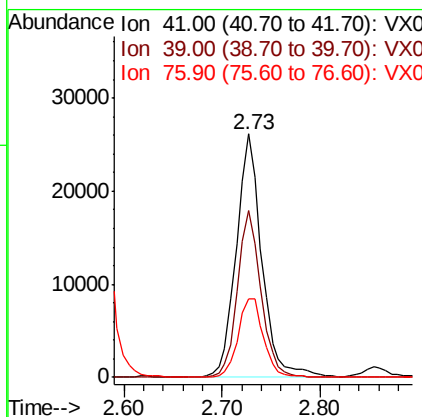
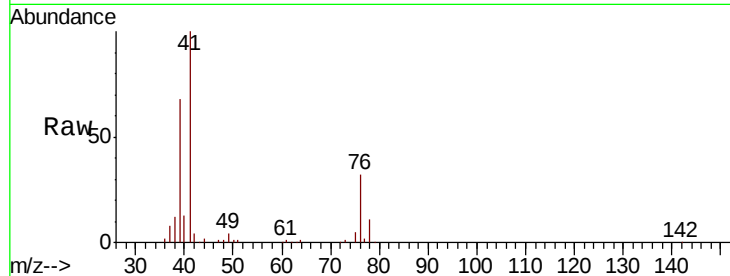
#14
Allvl chloride
Concen: 39.73 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.2	47.7	71.5
76	32.3	27.0	40.6

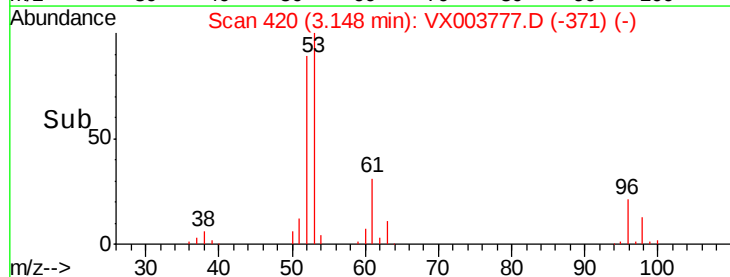
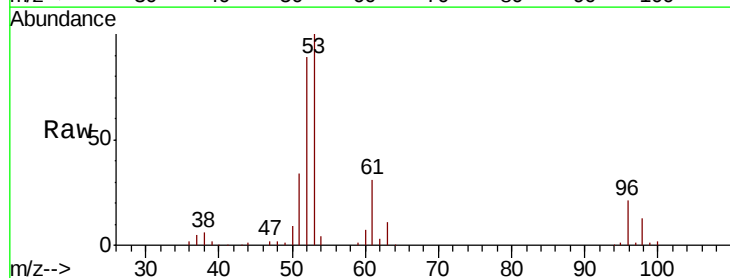
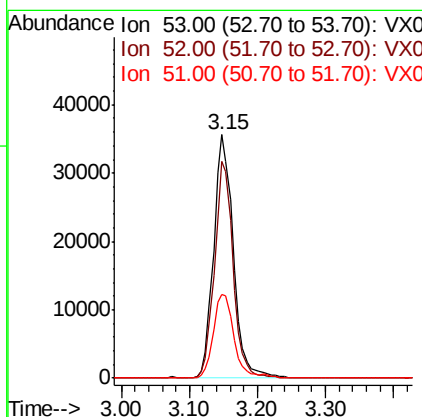
Manual Integrations
APPROVED

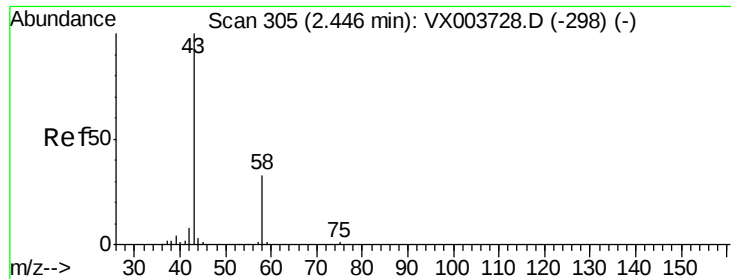
apatel
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#15
Acrylonitrile
Concen: 227.84 ug/l
RT: 3.15 min Scan# 420
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.2
51	36.2	28.5	42.7





#16

Acetone

Concen: 262.39 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

SB-1(3-5)MS

Tot Ion: 43 Resp: 76620

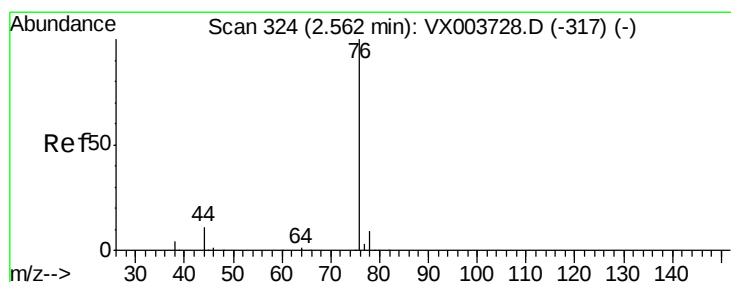
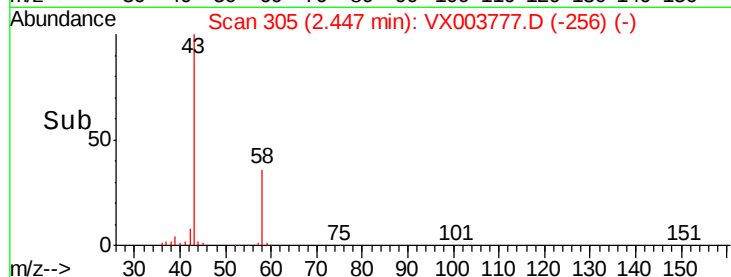
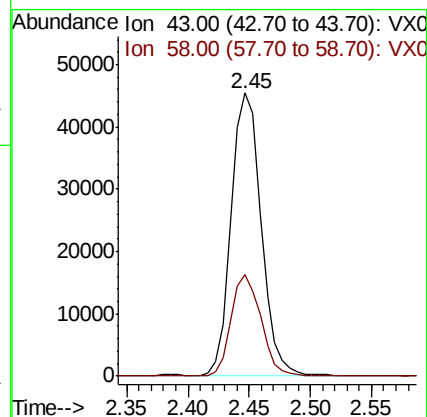
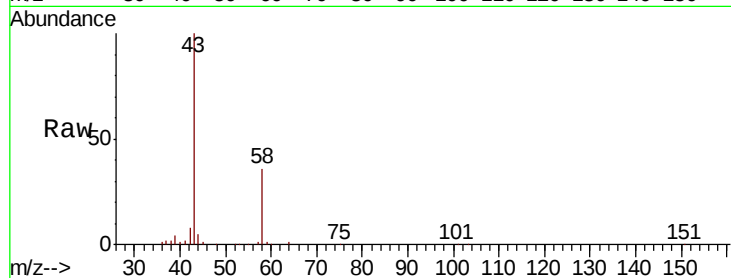
Ion Ratio Lower Upper

43 100

58 35.9 26.7 40.1

Manual Integrations
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#17

Carbon Disulfide

Concen: 34.31 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003777.D

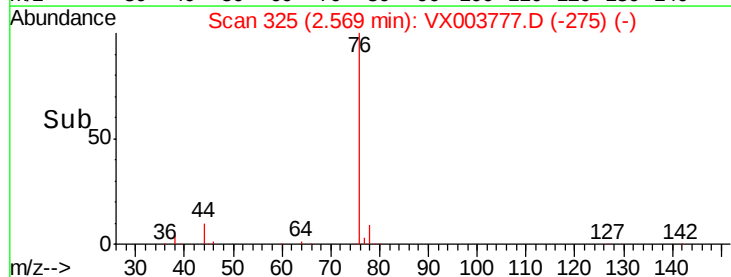
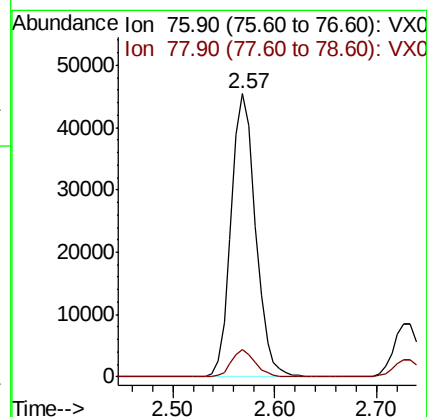
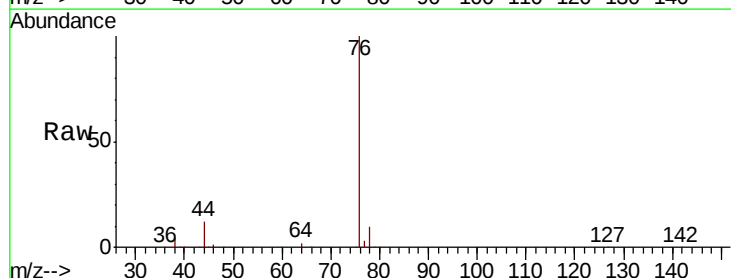
Acq: 01 Aug 2018 04:19

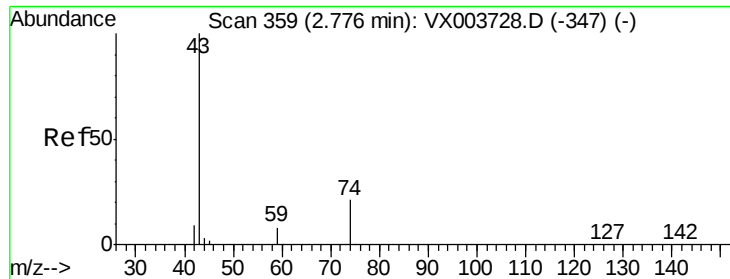
Tgt Ion: 76 Resp: 75426

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





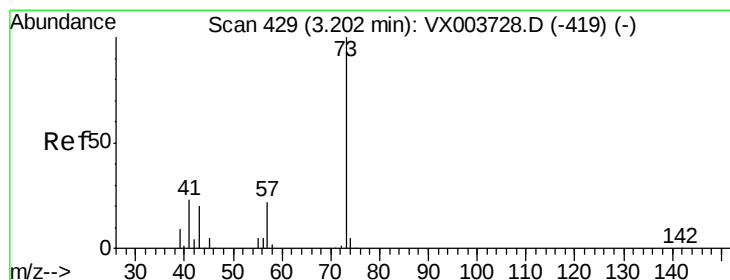
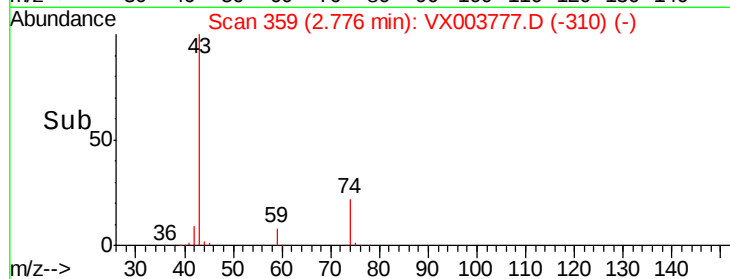
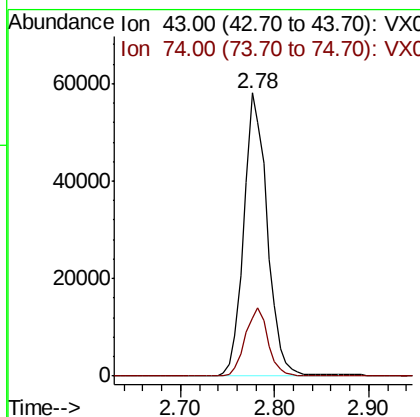
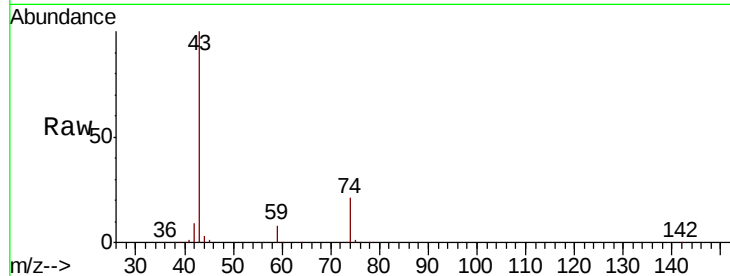
#18
Methvl Acetate
Concen: 123.61 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion	43	Resp	101436
Ion Ratio	43	100	
Lower	74	23.5	18.9
Upper			28.3

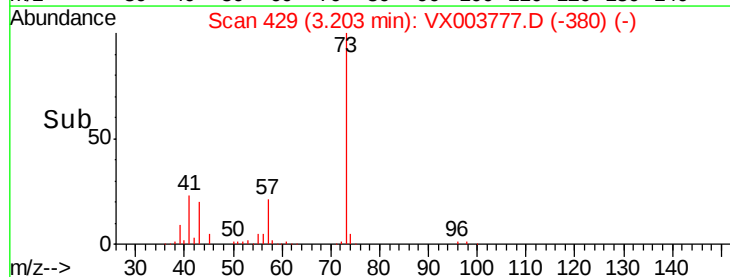
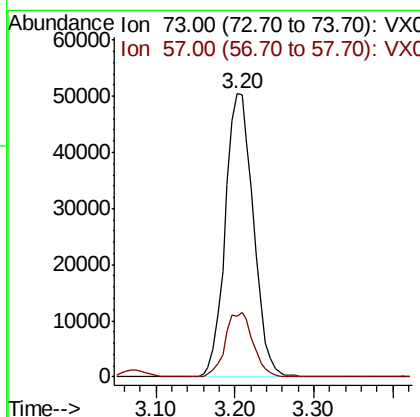
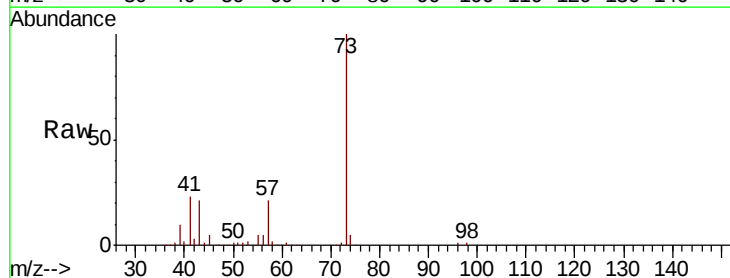
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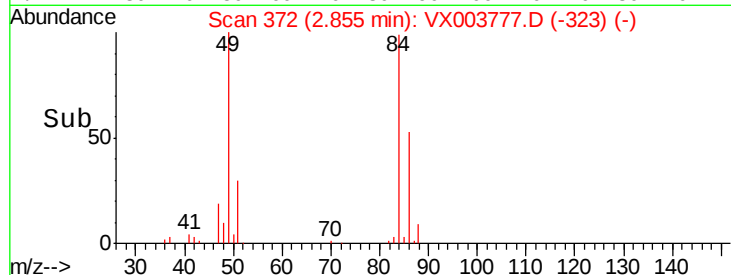
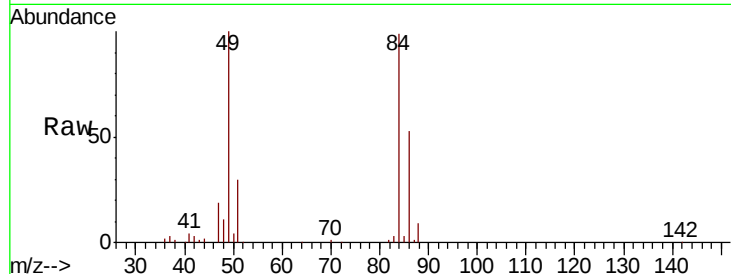
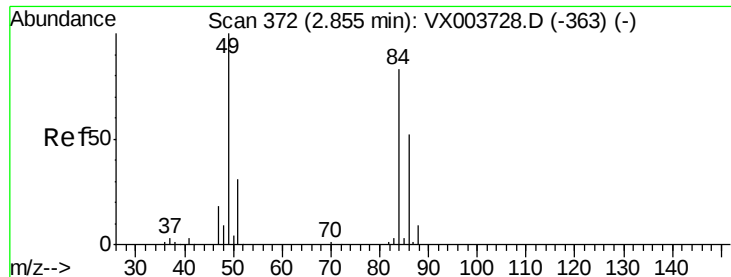
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#19
Methyl tert-butyl Ether
Concen: 67.83 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion	73	Resp	124740
Ion Ratio	73	100	
Lower	57	21.4	18.0
Upper			27.0





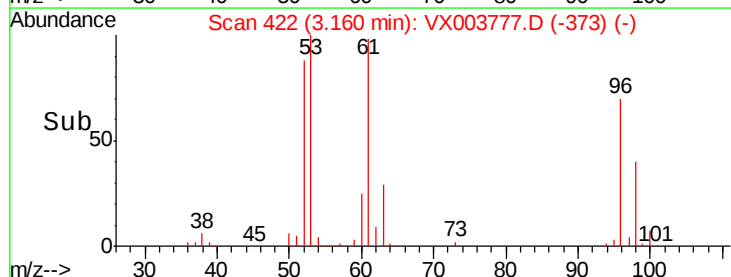
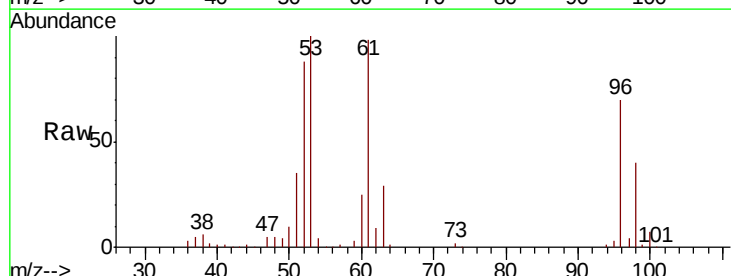
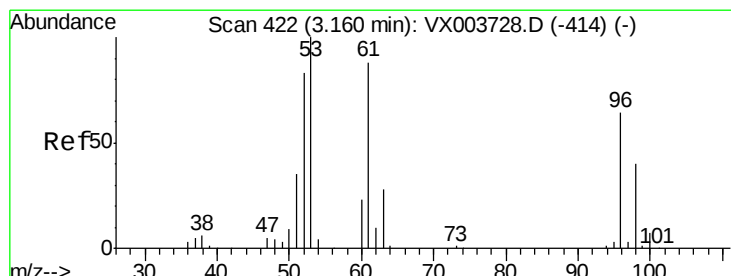
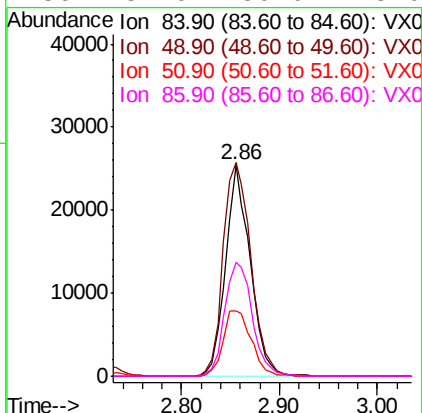
#20
Methvlene Chloride
Concen: 58.22 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tot Ion:	84	Resp:	44369
Ion	Ratio	Lower	Upper
84	100		
49	101.1	95.8	143.8
51	30.6	29.6	44.4
86	54.0	50.0	75.0

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

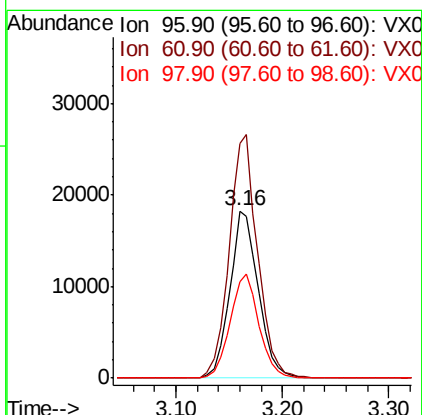
Manual Integrations
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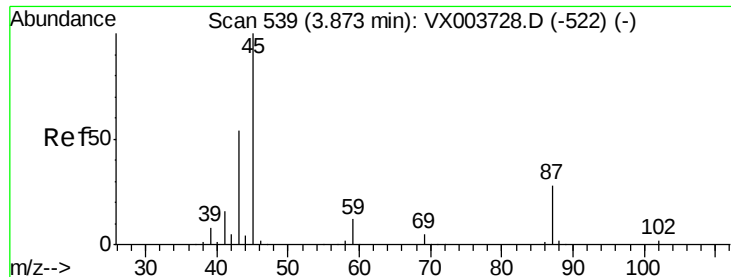
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#21
trans-1,2-Dichloroethene
Concen: 46.30 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion:	96	Resp:	34274
Ion	Ratio	Lower	Upper
96	100		
61	140.7	110.9	166.3
98	57.8	50.2	75.4





#22

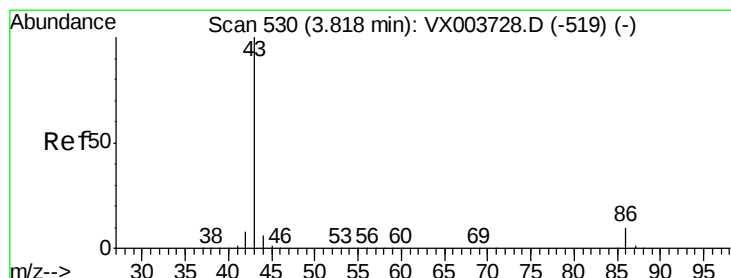
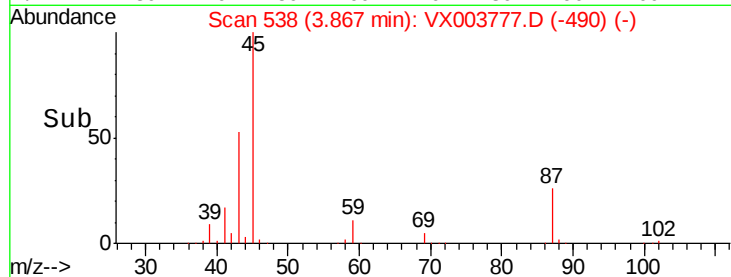
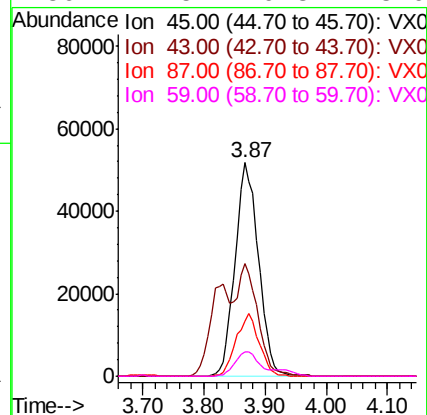
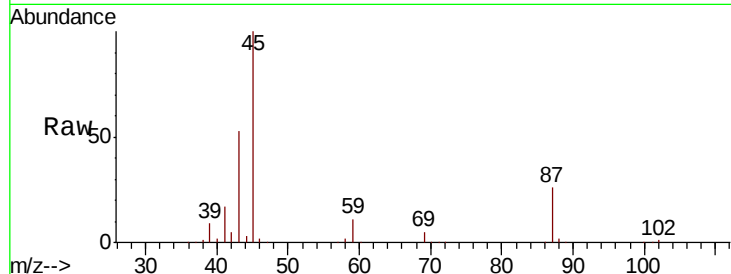
Diisopropyl ether
Concen: 62.91 ug/l
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	52.3	43.5	65.3	
87	25.9	22.6	33.8	
59	11.5	9.3	13.9	

Manual Integrations
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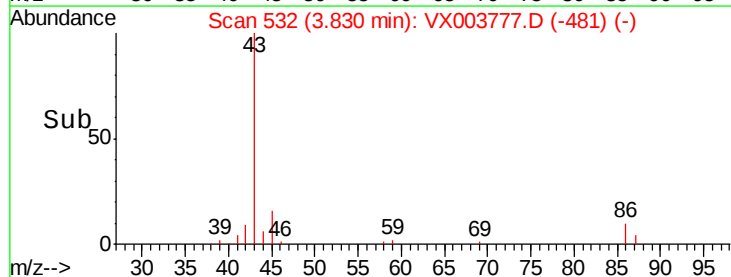
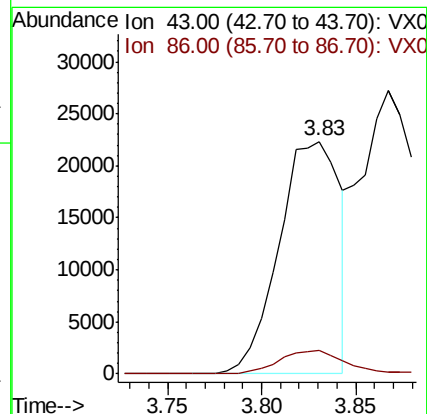
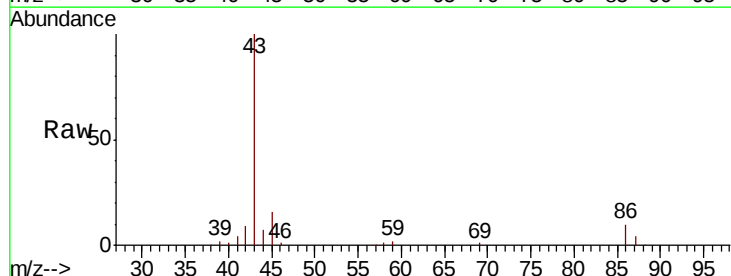
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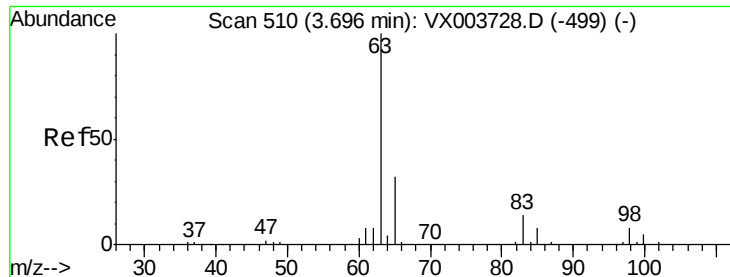


#23

Vinyl Acetate
Concen: 32.18 ug/l
RT: 3.83 min Scan# 532
Delta R.T. 0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
86	10.1	8.2	12.2	





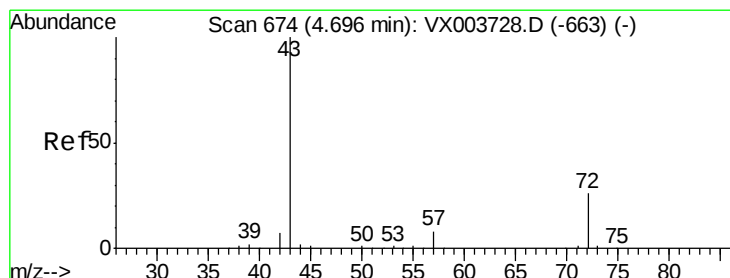
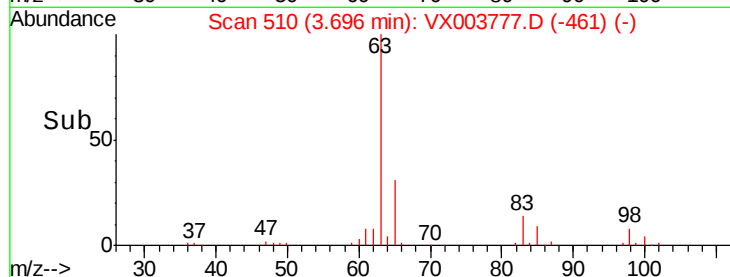
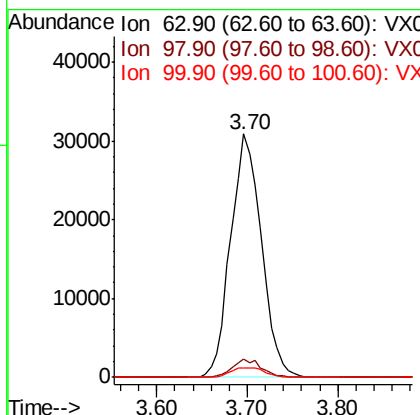
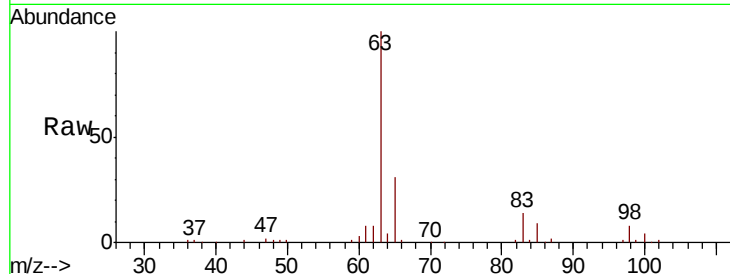
#24
 1,1-Dichloroethane
 Concen: 57.82 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.7	4.0	12.0
100	3.9	2.4	7.2

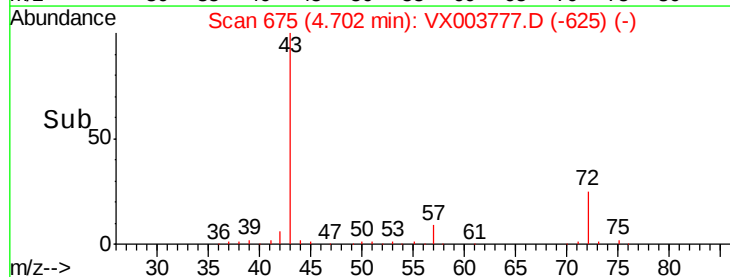
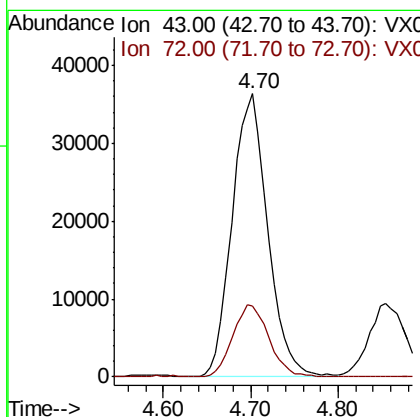
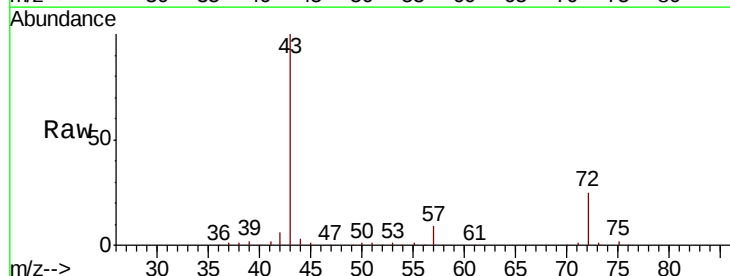
Manual Integrations
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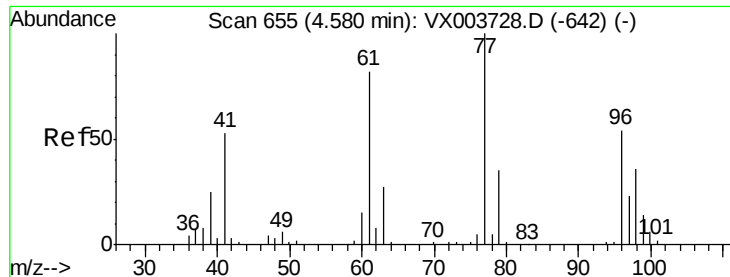
apatel
 8/1/2018 6:54:47 PM



#25
 2-Butanone
 Concen: 242.13 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.9	31.3





#26

2,2-Dichloropropane

Concen: 42.26 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

SB-1(3-5)MS

Tot Ion: 77 Resp: 41960

Ion Ratio Lower Upper

77 100

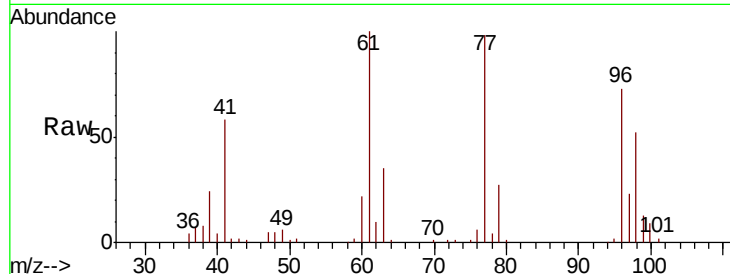
97 25.4 12.2 36.6

Manual Integrations

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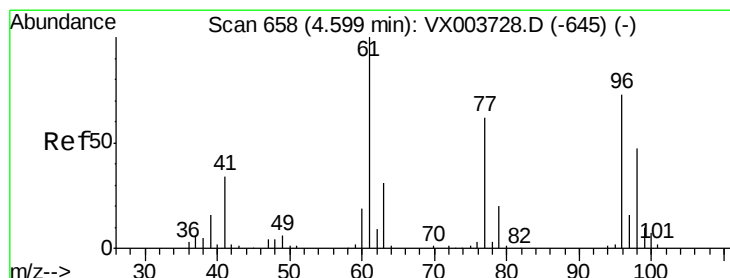
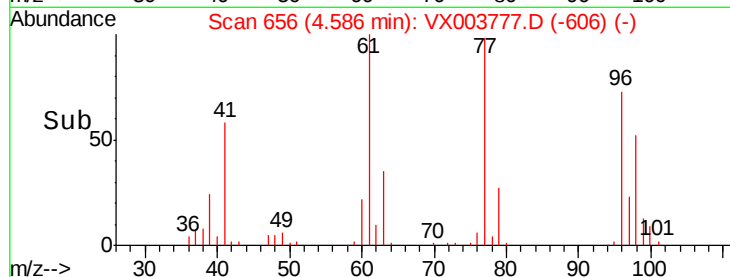
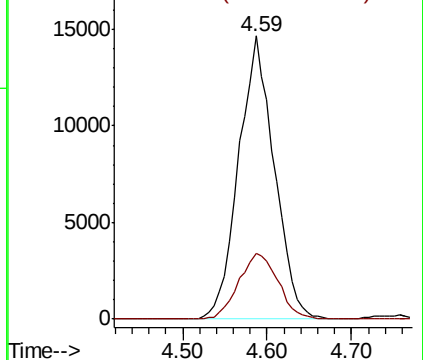
apatel

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Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 51.99 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

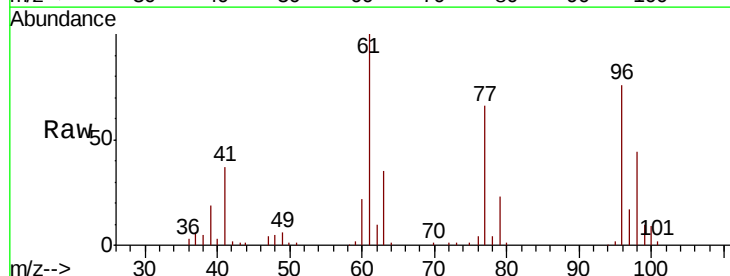
Tgt Ion: 96 Resp: 41479

Ion Ratio Lower Upper

96 100

61 142.2 0.0 285.6

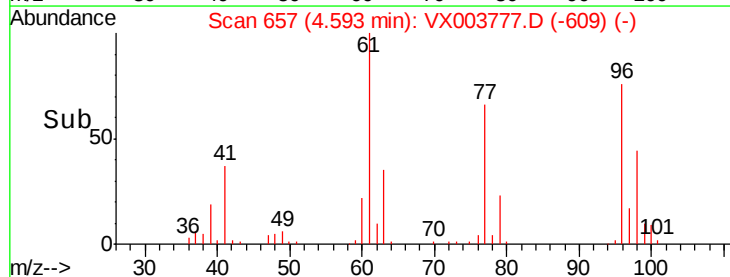
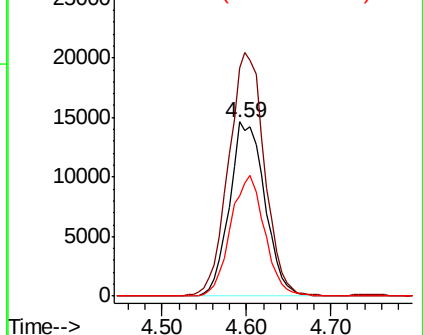
98 66.3 0.0 131.0

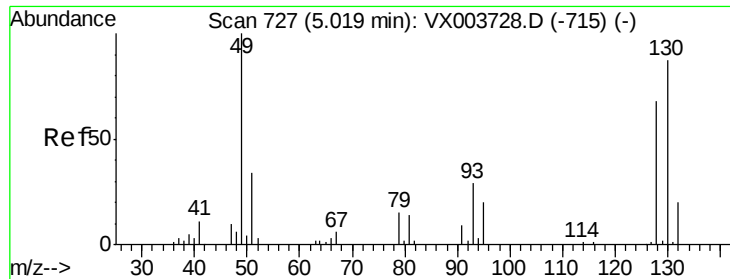


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 53.31 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

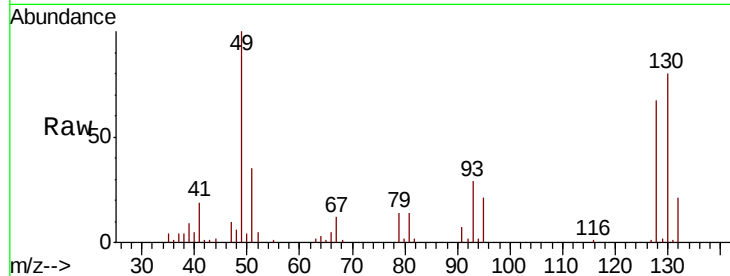
ClientSampleId :

SB-1(3-5)MS

Tot Ion	49	Resp	30149
Ion Ratio	100	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	83.0	68.9	103.3

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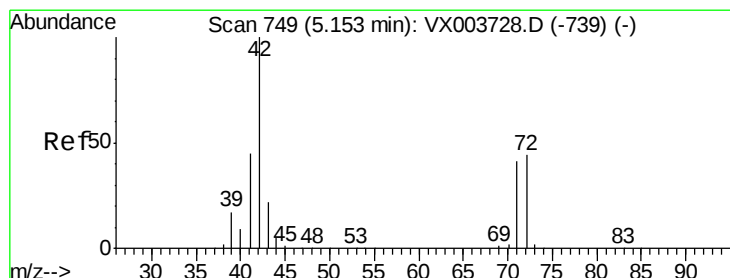
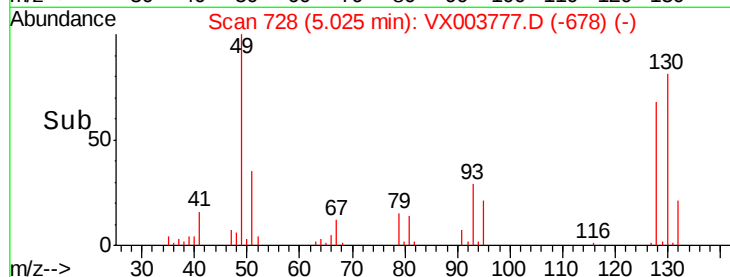
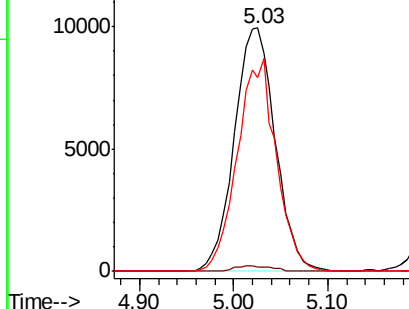


Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 236.01 ug/l

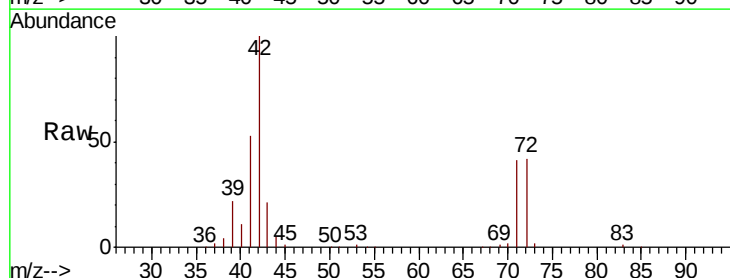
RT: 5.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Tgt Ion	42	Resp	64025
Ion Ratio	100	Lower	Upper
42	100		
72	45.0	35.6	53.4
71	42.1	33.4	50.0

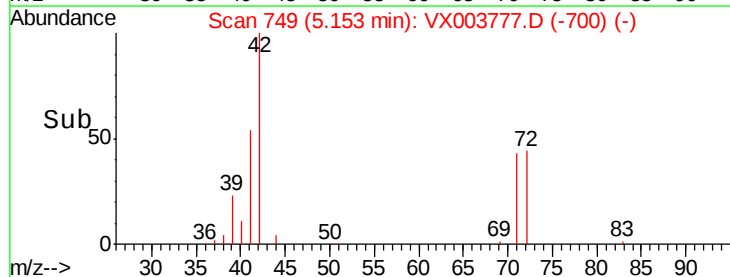
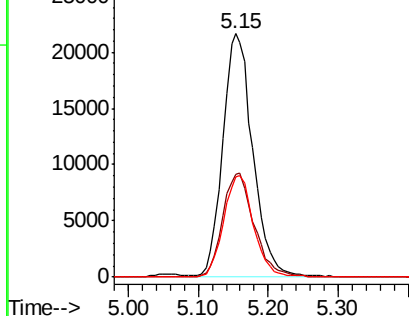


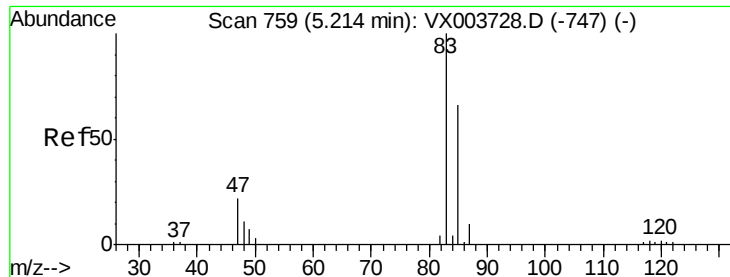
Abundance

Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





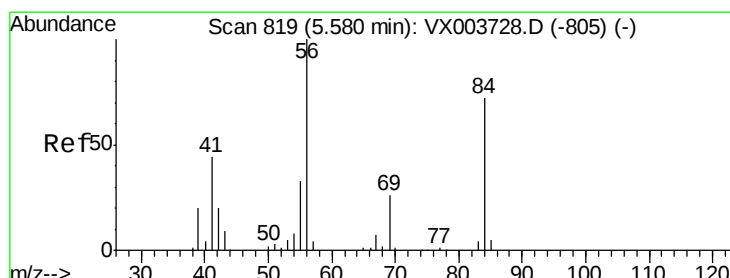
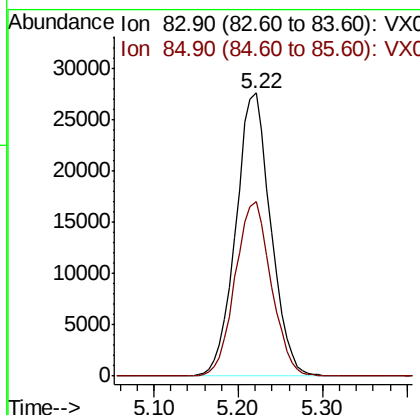
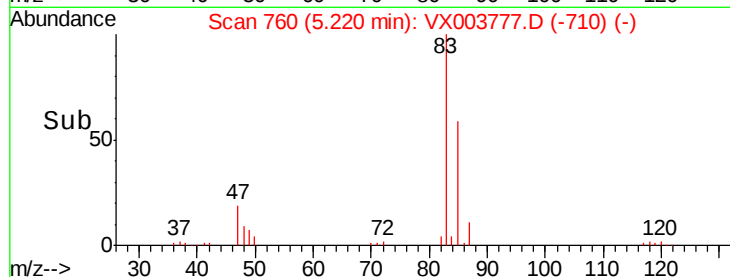
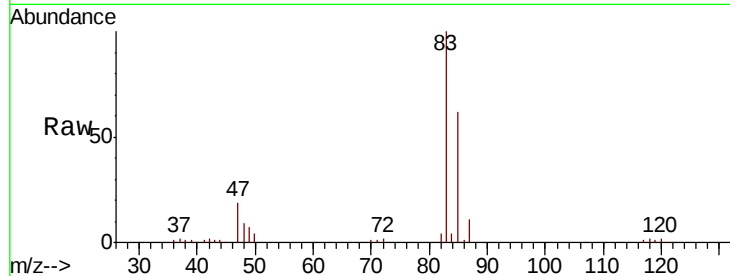
#30
Chloroform
Concen: 62.12 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampled :
SB-1(3-5)MS

Tot Ion: 83 Resp: 77183
Ion Ratio Lower Upper
83 100
85 61.6 52.8 79.2

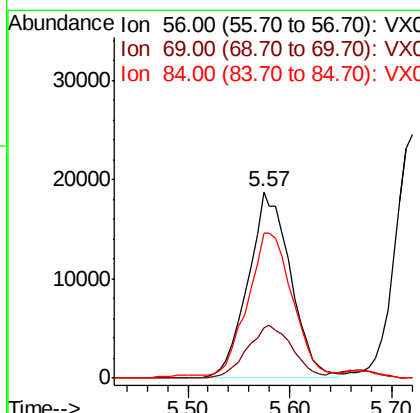
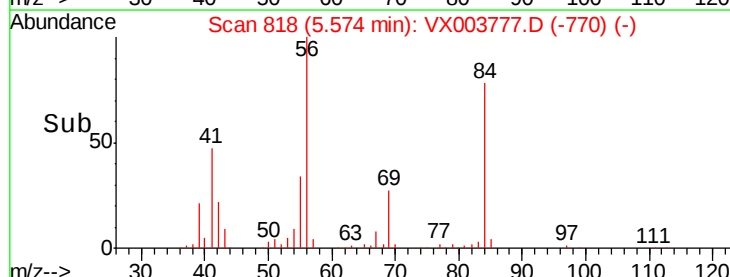
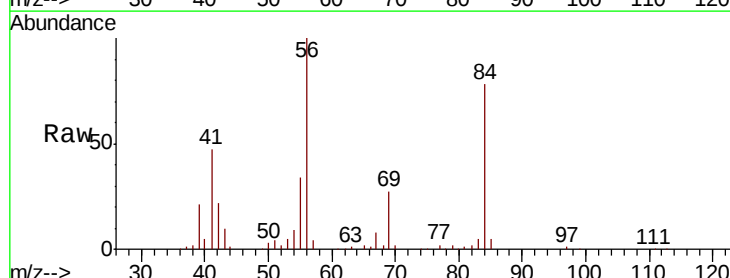
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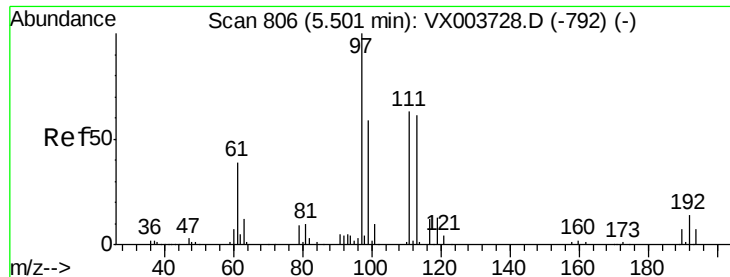
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#31
Cyclohexane
Concen: 44.60 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 56 Resp: 54314
Ion Ratio Lower Upper
56 100
69 27.3 20.6 30.8
84 75.9 57.9 86.9





#32

1,1,1-Trichloroethane

Concen: 54.01 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

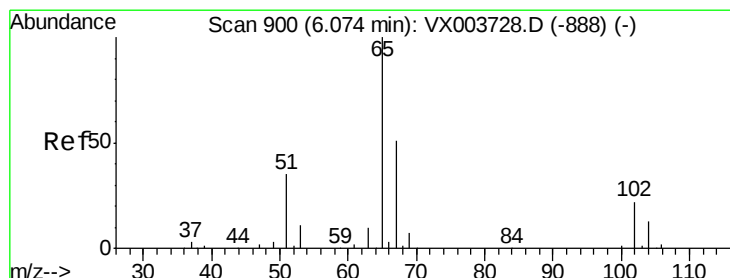
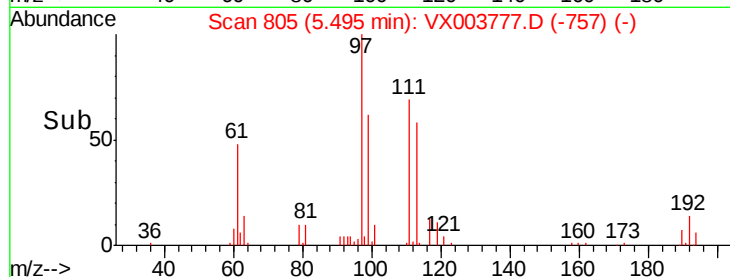
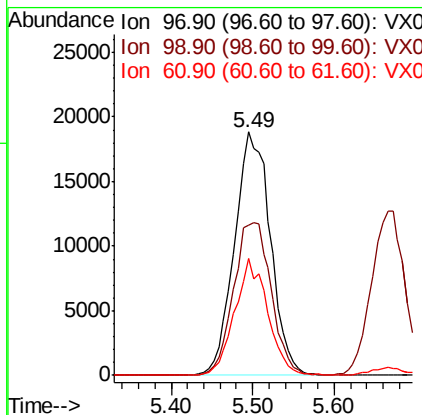
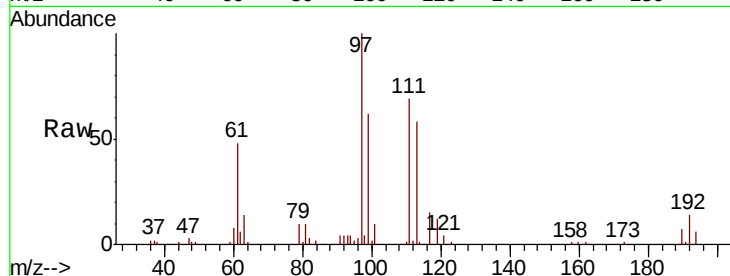
ClientSampled :

SB-1(3-5)MS

Tot Ion:	97	Resp:	57669
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.2
61	43.9	33.4	50.2

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 53.48 ug/l

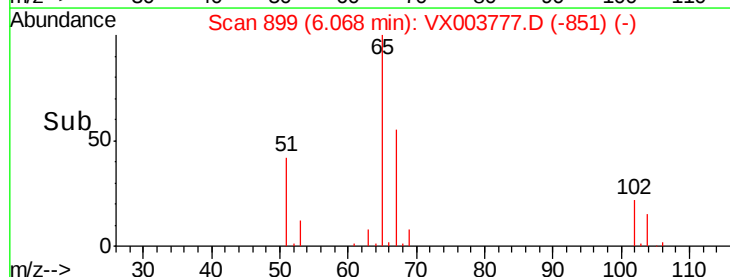
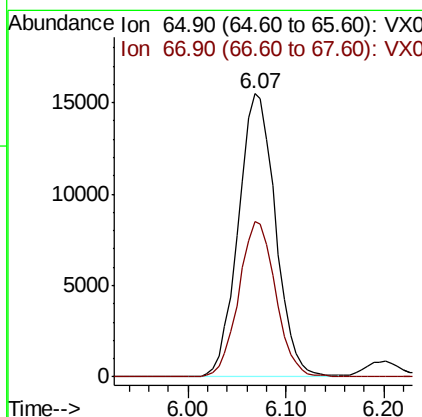
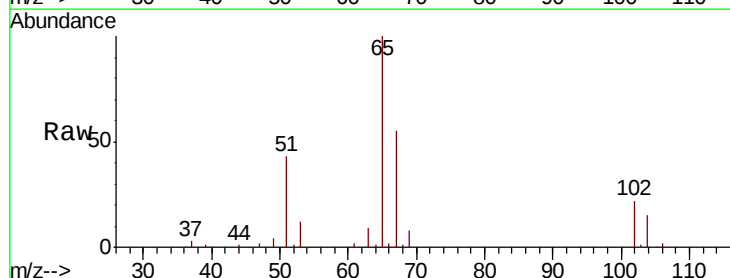
RT: 6.07 min Scan# 899

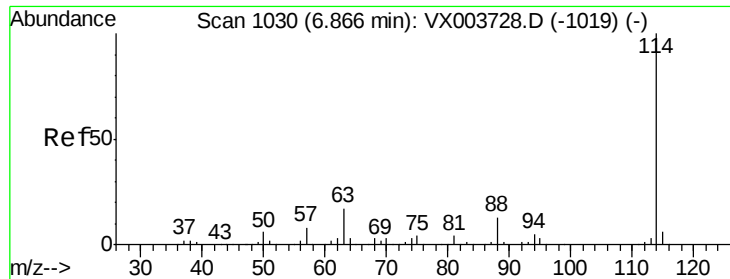
Delta R.T. -0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Tgt Ion:	65	Resp:	40882
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.0





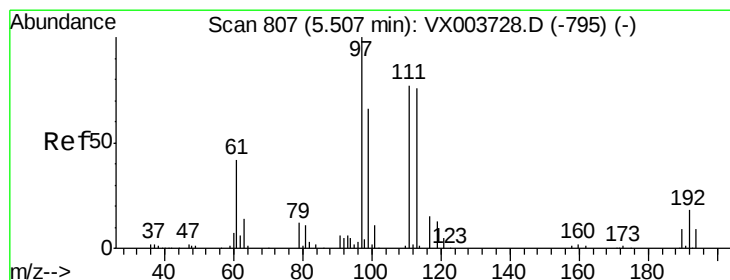
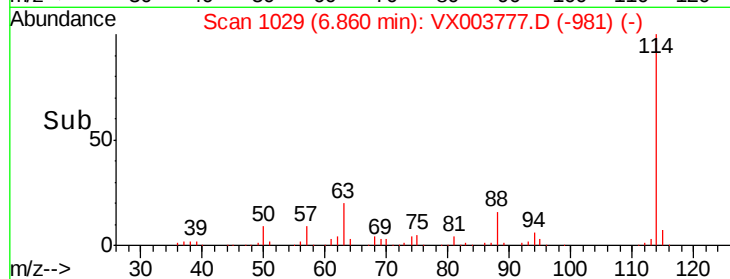
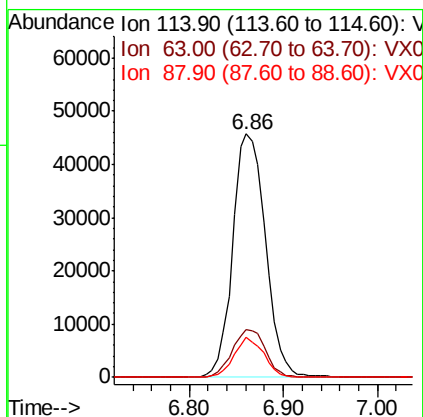
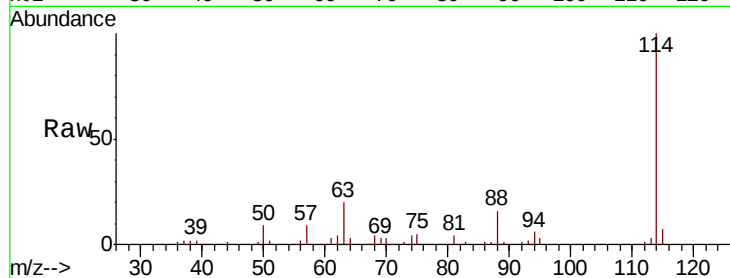
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
114	100	110886		
63	19.6	0.0	34.0	
88	16.4	0.0	26.4	

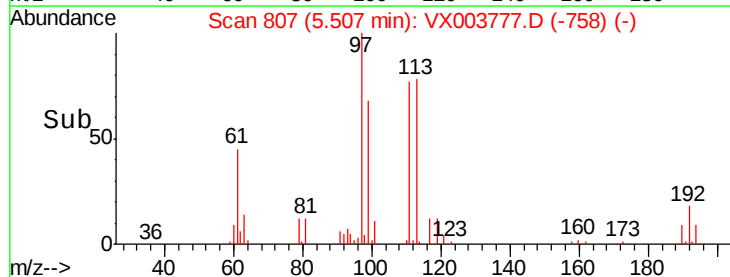
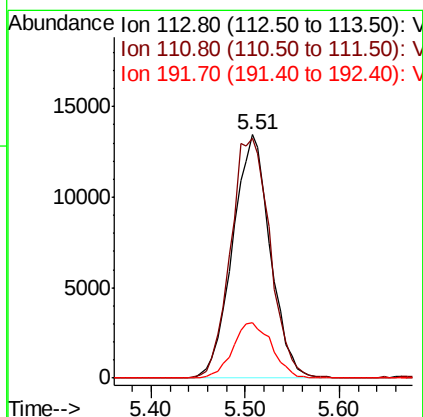
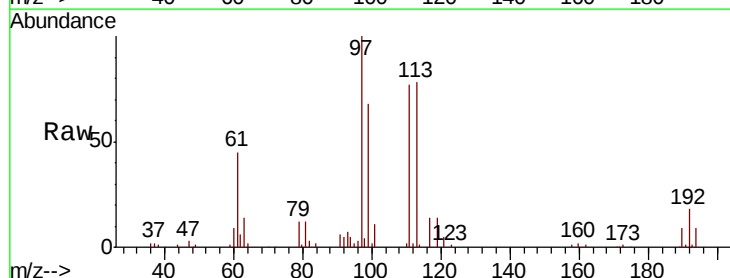
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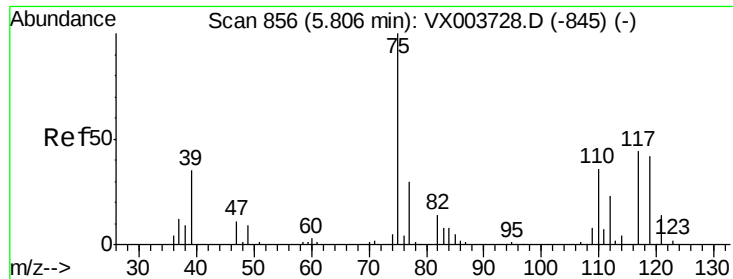
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#35
 Dibromofluoromethane
 Concen: 57.17 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	37326		
111	103.8	81.8	122.6	
192	23.6	18.8	28.2	





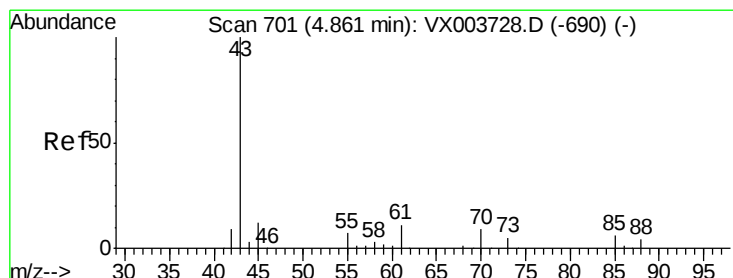
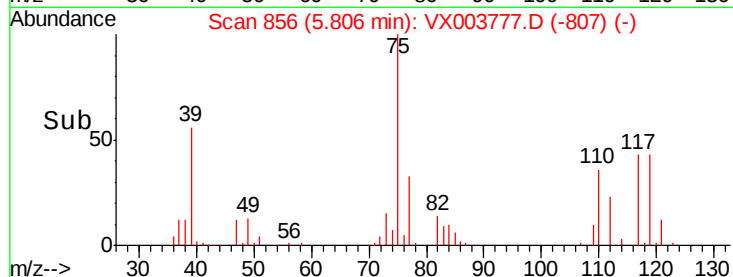
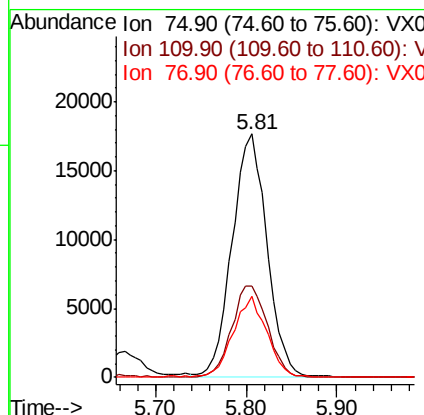
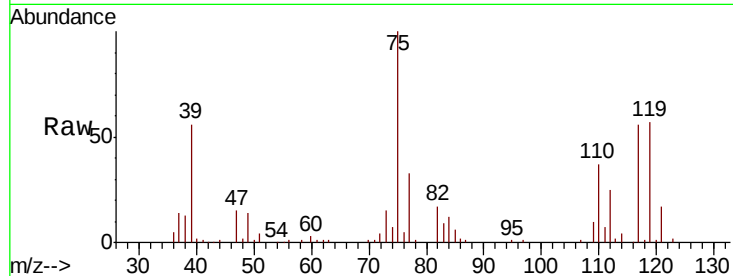
#36
 1,1-Dichloropropene
 Concen: 45.56 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.3	54.8
77	31.9	25.1	37.7

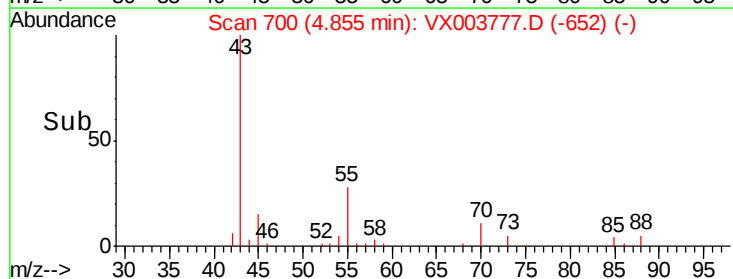
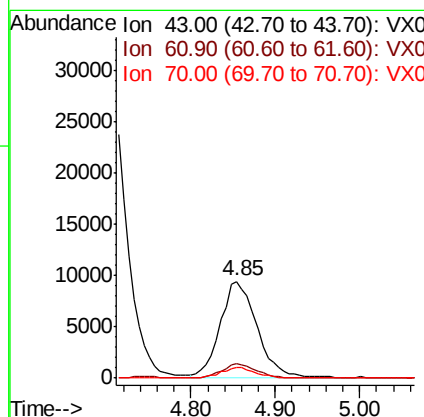
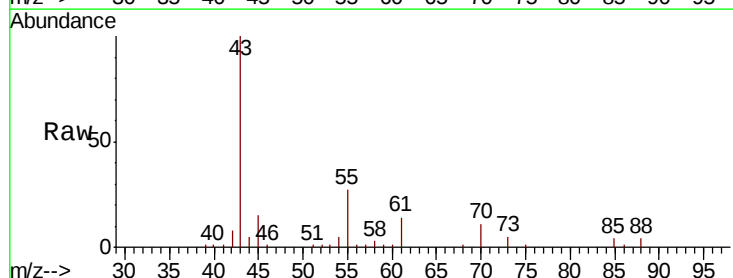
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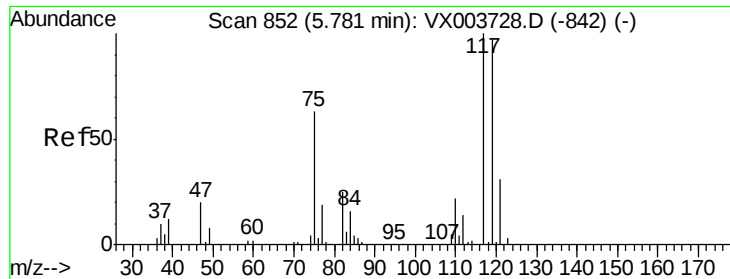
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#37
 Ethyl Acetate
 Concen: 35.01 ug/l
 RT: 4.85 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.4	17.0
70	10.4	8.2	12.2





#38

Carbon Tetrachloride

Concen: 47.96 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

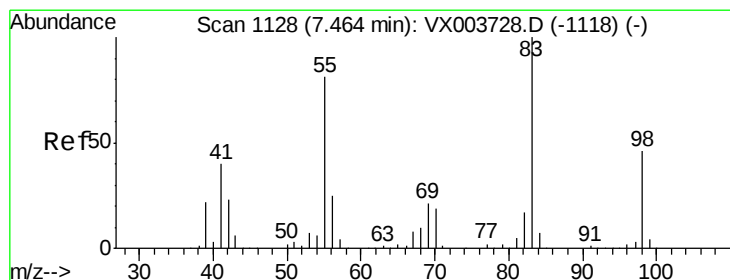
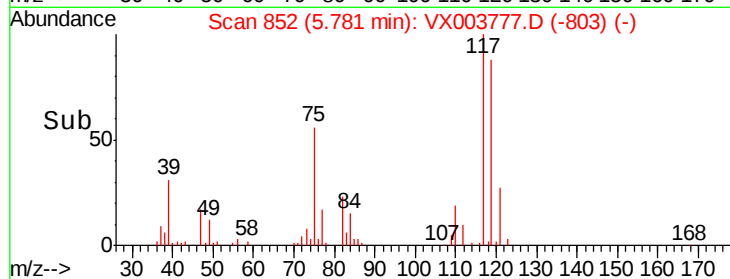
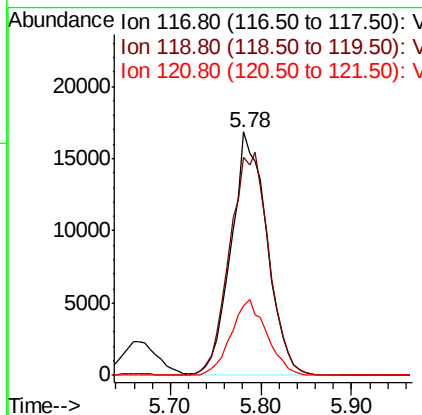
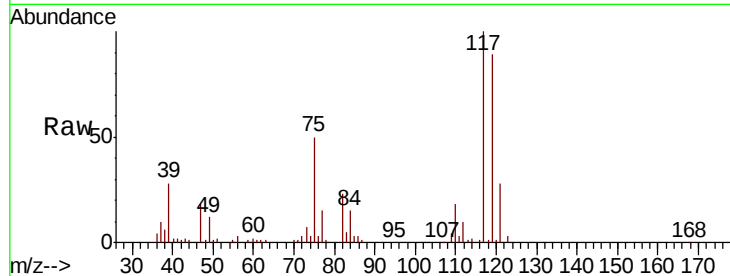
ClientSampleId :

SB-1(3-5)MS

Tot Ion:	117	Resp:	46065
Ion	Ratio	Lower	Upper
117	100		
119	89.3	77.2	115.8
121	28.4	25.0	37.4

Manual Integrations
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#39

Methylcyclohexane

Concen: 33.23 ug/l

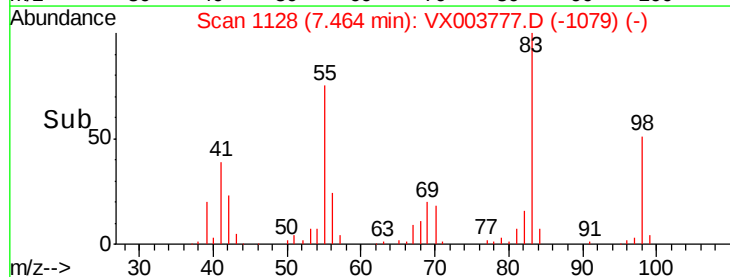
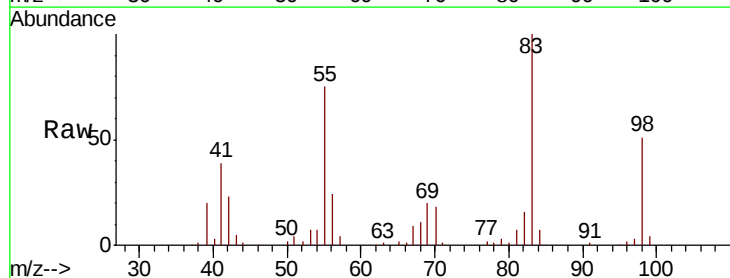
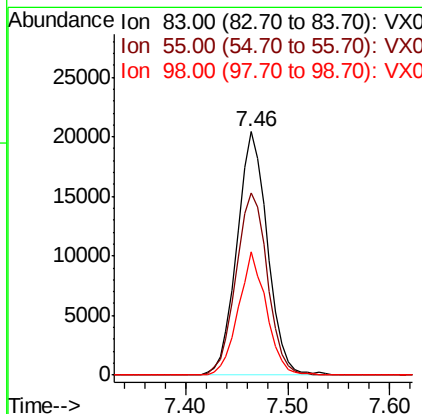
RT: 7.46 min Scan# 1128

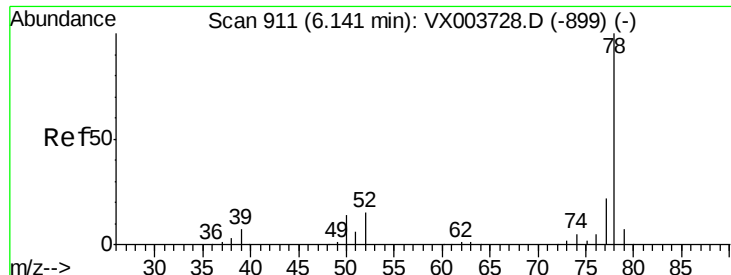
Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Tgt Ion:	83	Resp:	42361
Ion	Ratio	Lower	Upper
83	100		
55	74.9	65.0	97.6
98	50.6	37.1	55.7





#40

Benzene

Concen: 53.53 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

SB-1(3-5)MS

Tot Ion: 78 Resp: 159290

Ion Ratio Lower Upper

78 100

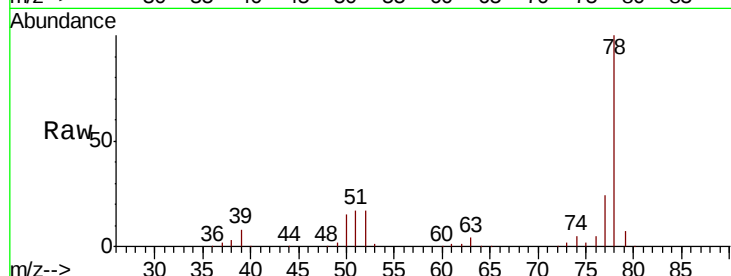
77 23.7 17.9 26.9

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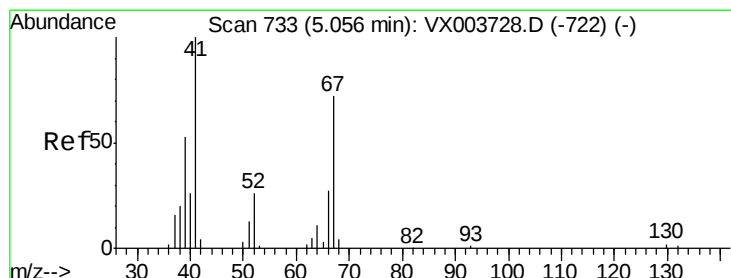
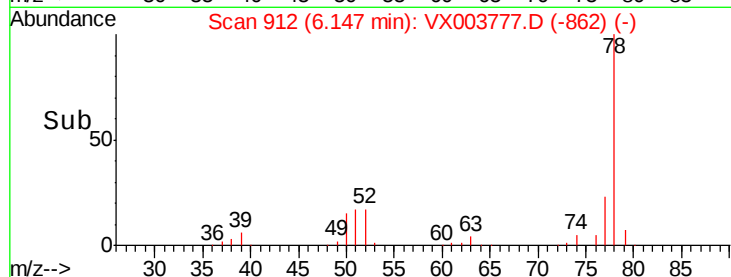
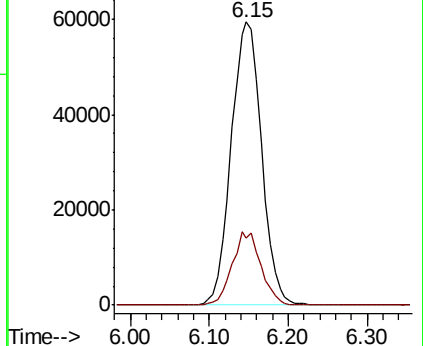
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 52.56 ug/l

RT: 5.06 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Tgt Ion: 41 Resp: 23632

Ion Ratio Lower Upper

41 100

39 53.4 42.6 64.0

67 72.5 58.9 88.3

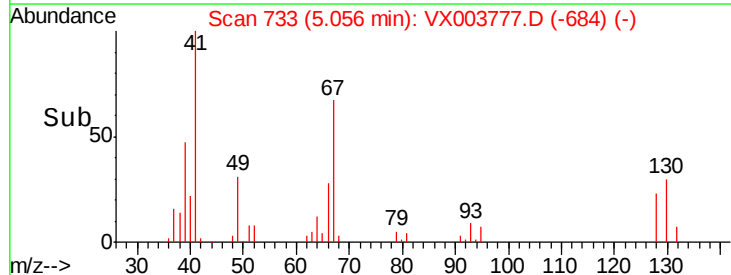
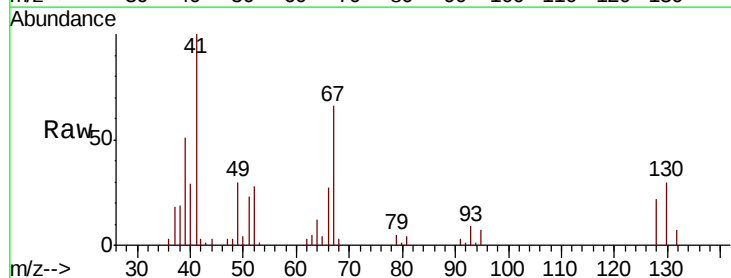
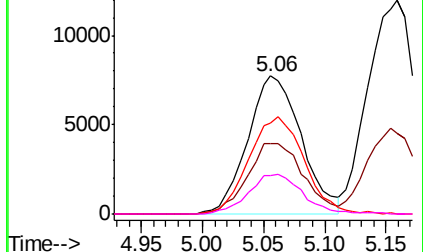
52 29.3 22.9 34.3

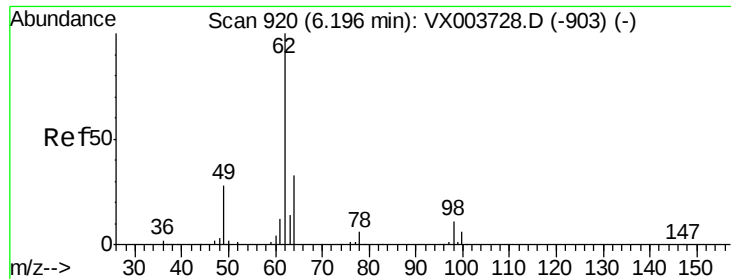
Abundance Ion 41.00 (40.70 to 41.70): VX0

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





#42

1,2-Dichloroethane

Concen: 55.04 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

SB-1(3-5)MS

Tot Ion: 62 Resp: 49473

Ion Ratio Lower Upper

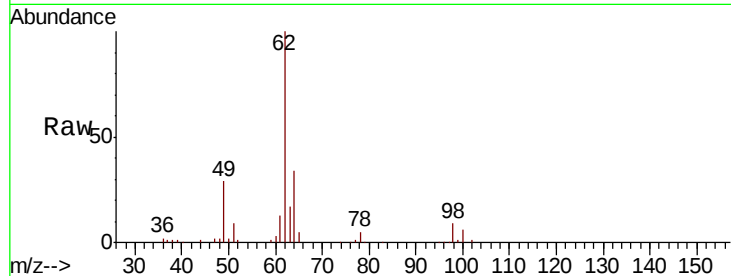
62 100

98 9.7 0.0 20.4

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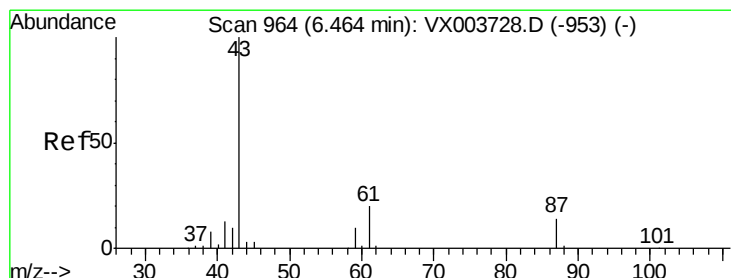
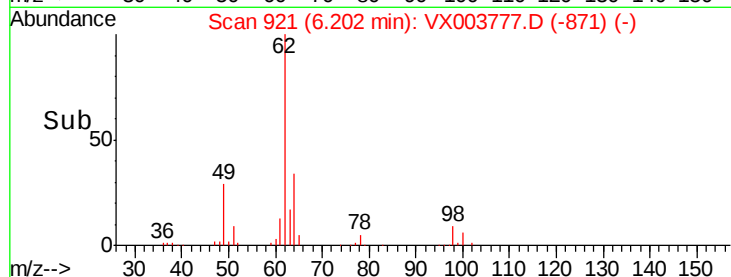
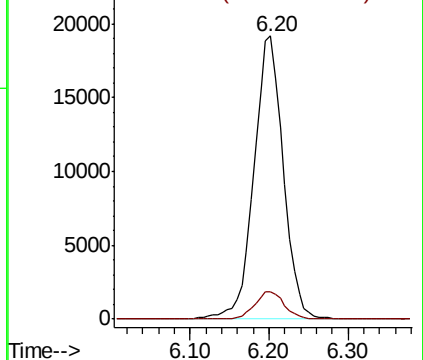
apatel

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Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 47.82 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

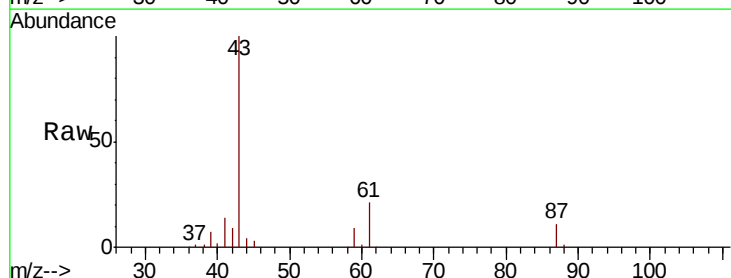
Tgt Ion: 43 Resp: 60778

Ion Ratio Lower Upper

43 100

61 21.1 16.5 24.7

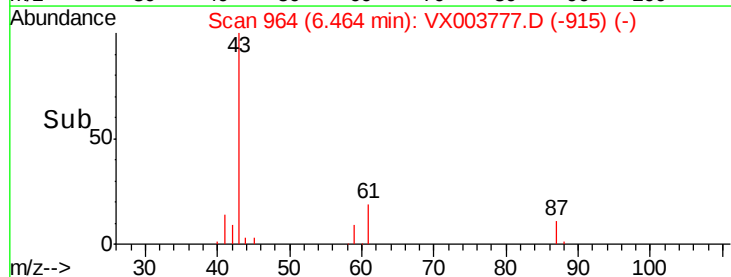
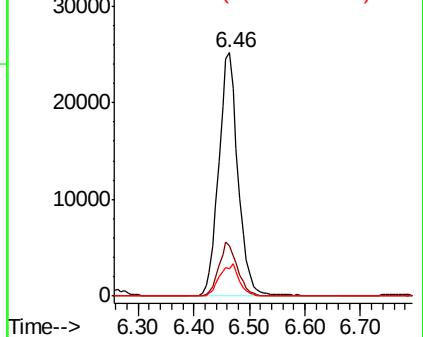
87 13.2 10.7 16.1

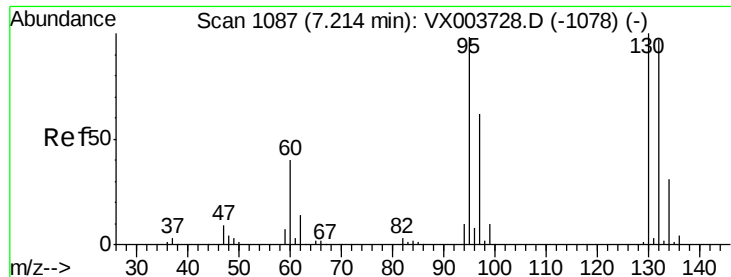


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 44.91 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

Tot Ion:130 Resp: 38125

Ion Ratio Lower Upper

130 100

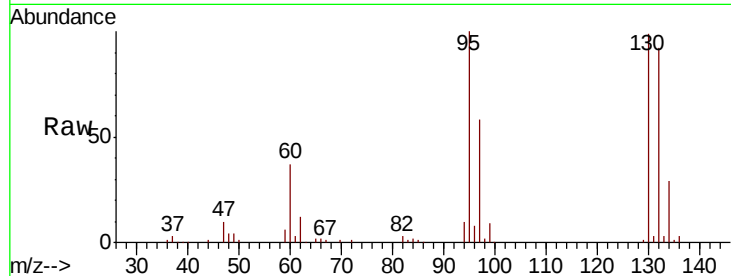
95 100.6 0.0 196.2

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

20000

15000

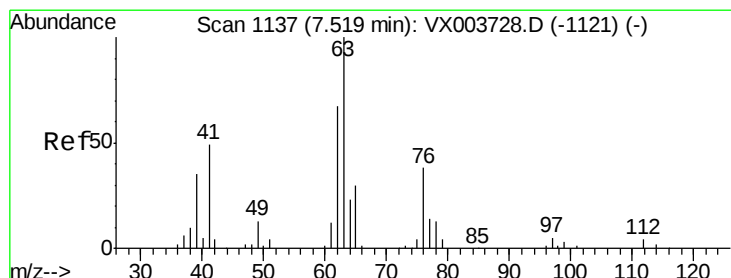
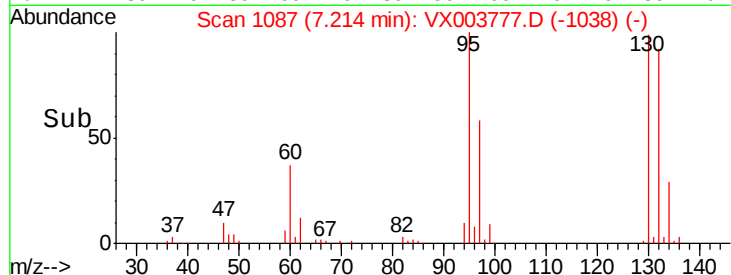
10000

5000

0

7.10 7.20 7.30

Time-->



#45

1,2-Dichloropropane

Concen: 59.36 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003777.D

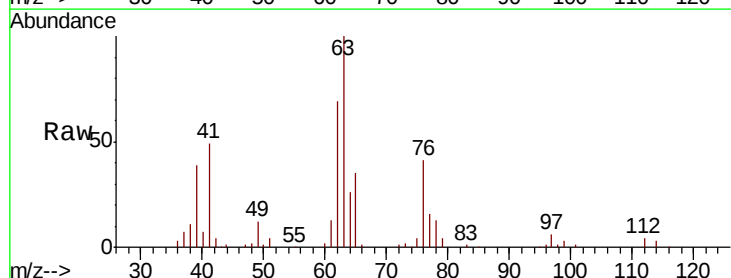
Acq: 01 Aug 2018 04:19

Tgt Ion: 63 Resp: 43443

Ion Ratio Lower Upper

63 100

65 34.5 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

25000

20000

15000

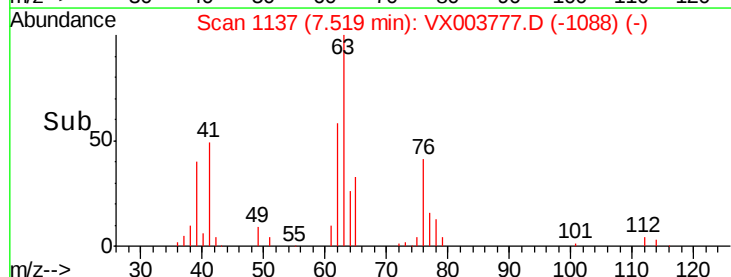
10000

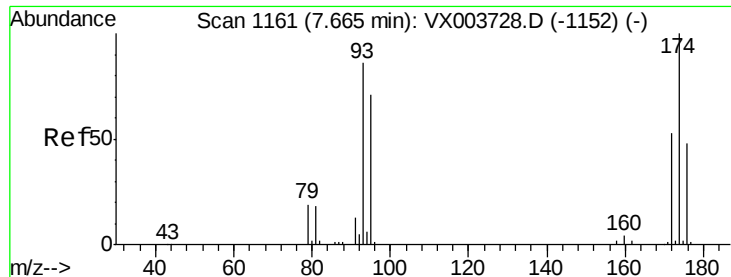
5000

0

7.40 7.50 7.60

Time-->





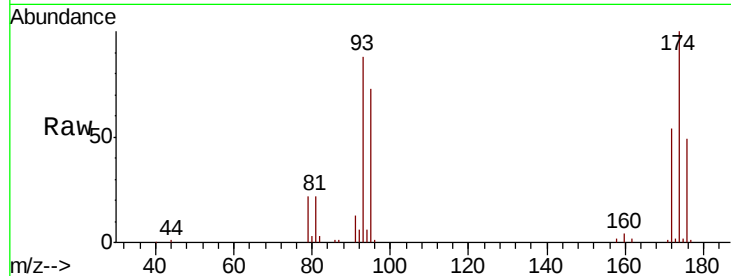
#46
Dibromomethane
Concen: 51.74 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

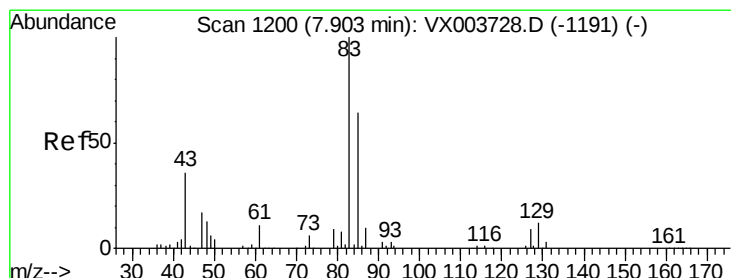
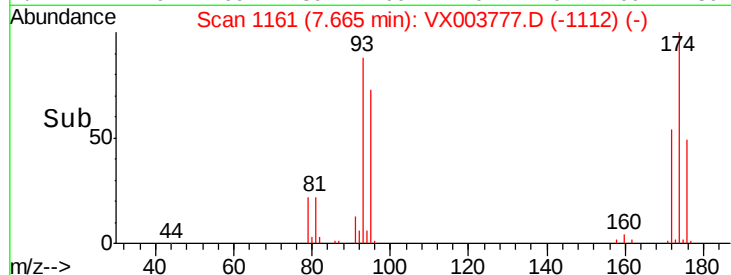
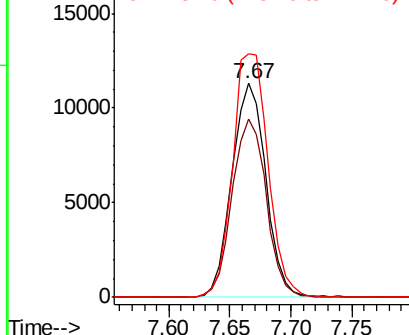
Tot Ion	Ratio	Lower	Upper
93	100		
95	83.6	68.1	102.1
174	118.7	96.2	144.4

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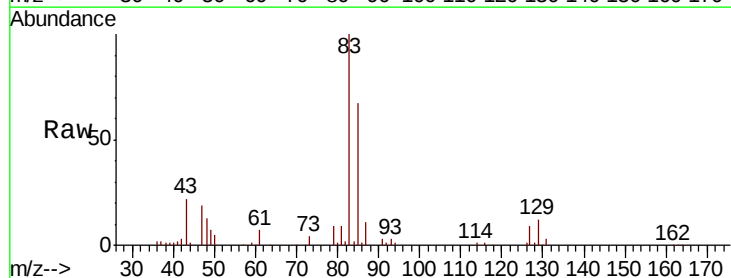


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

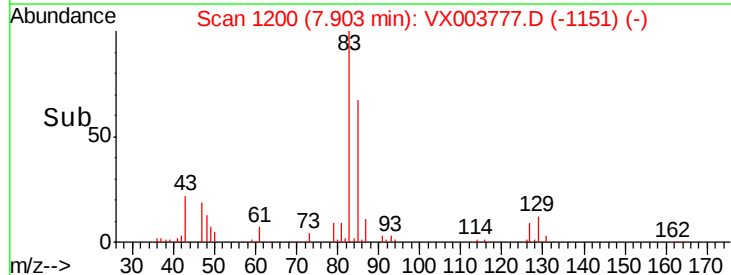
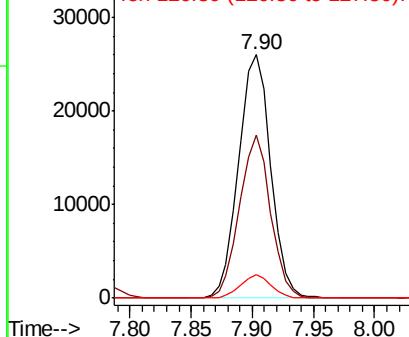


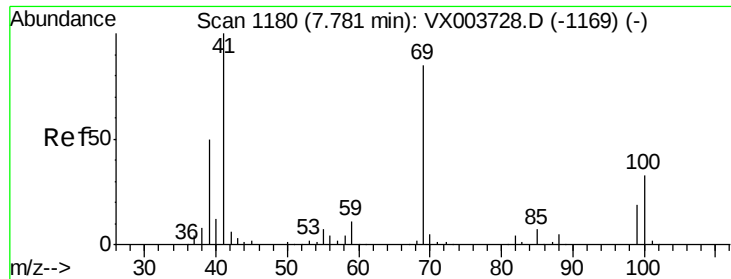
#47
Bromodichloromethane
Concen: 56.52 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.1	76.7
127	9.4	7.1	10.7



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





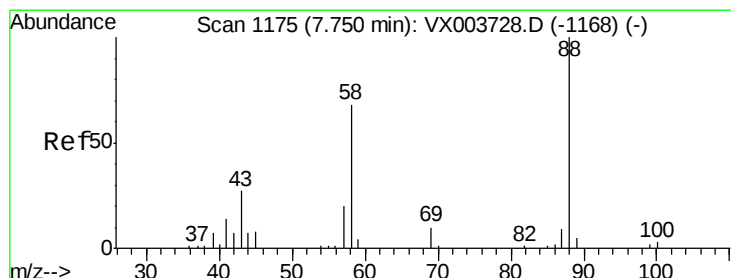
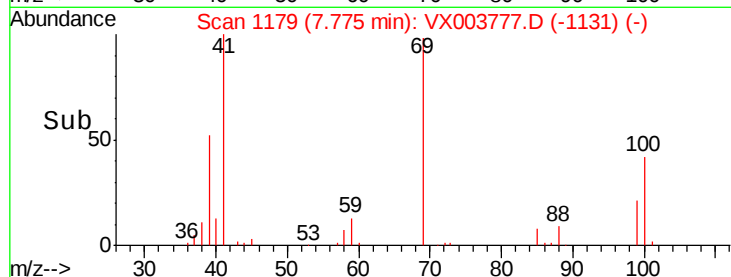
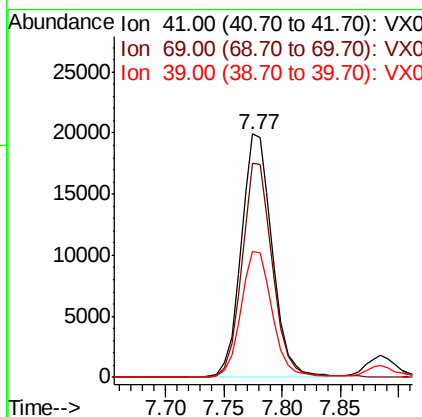
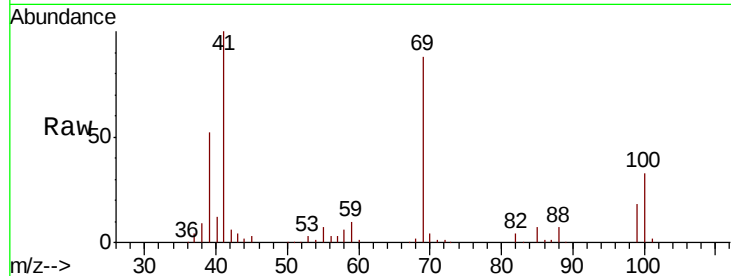
#48
Methvl methacrylate
Concen: 58.08 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
41	100		
69	86.4	68.7	103.1
39	52.2	40.8	61.2

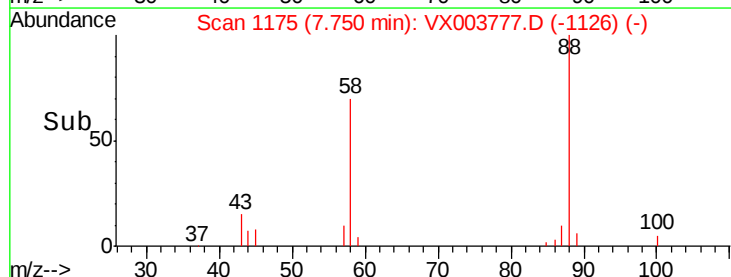
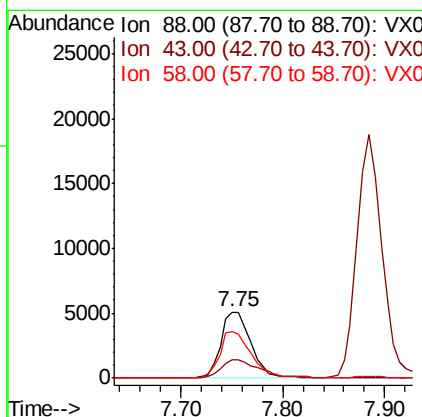
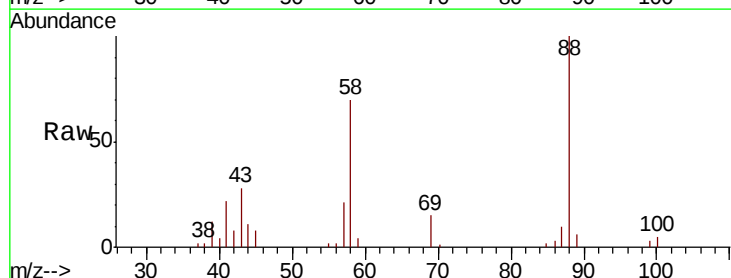
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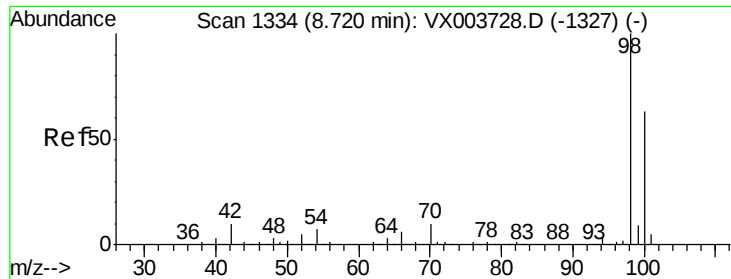
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#49
1,4-Dioxane
Concen: 820.61 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.6	26.0	39.0
58	73.3	57.1	85.7





#50

Toluene-d8

Concen: 53.16 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

Tot Ion: 98 Resp: 144706

Ion Ratio Lower Upper

98 100

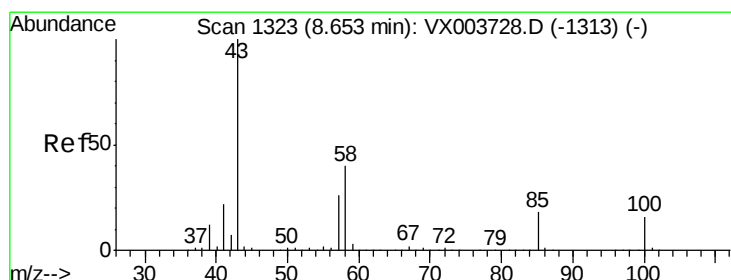
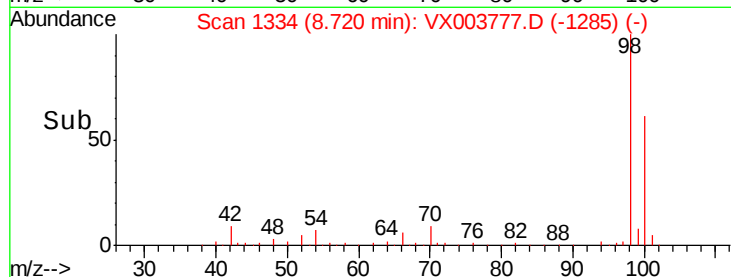
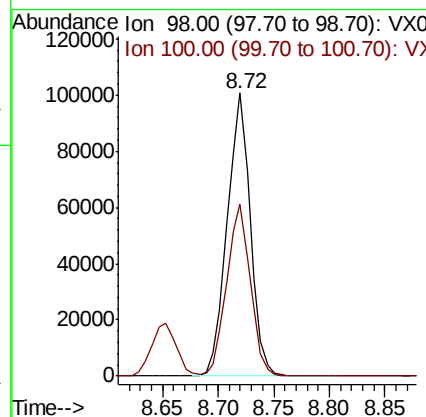
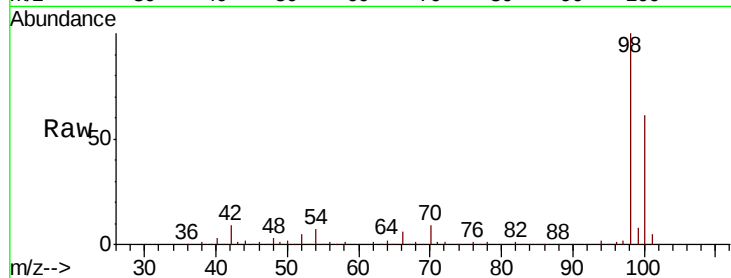
100 62.4 51.4 77.0

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#51

4-Methyl-2-Pentanone

Concen: 264.57 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003777.D

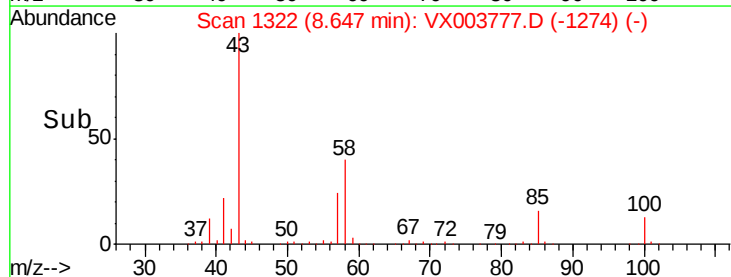
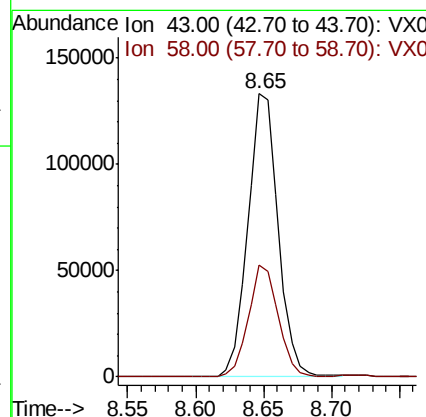
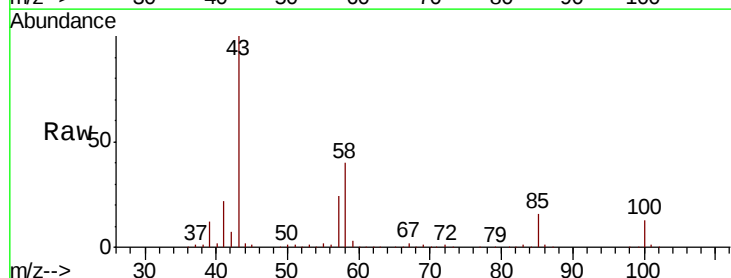
Acq: 01 Aug 2018 04:19

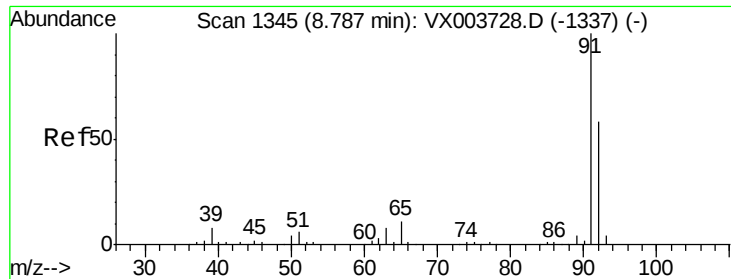
Tgt Ion: 43 Resp: 206651

Ion Ratio Lower Upper

43 100

58 39.1 32.1 48.1





#52

Toluene

Concen: 56.86 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

SB-1(3-5)MS

Tot Ion: 92 Resp: 105543

Ion Ratio Lower Upper

92 100

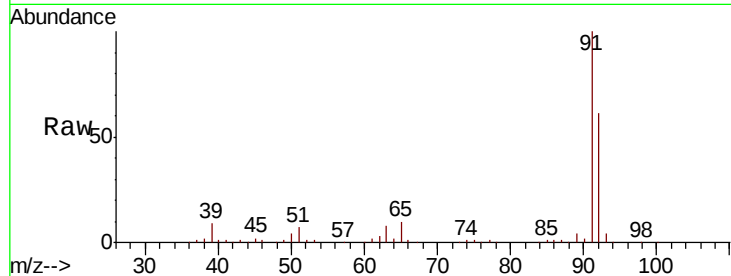
91 170.3 139.4 209.2

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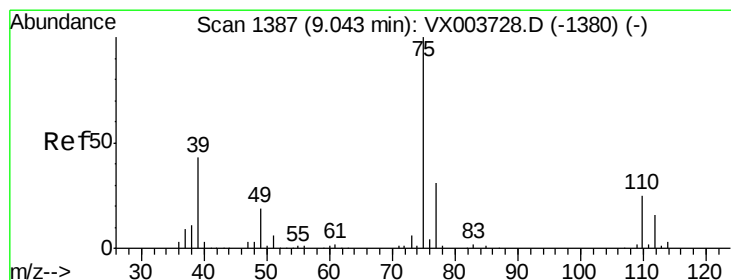
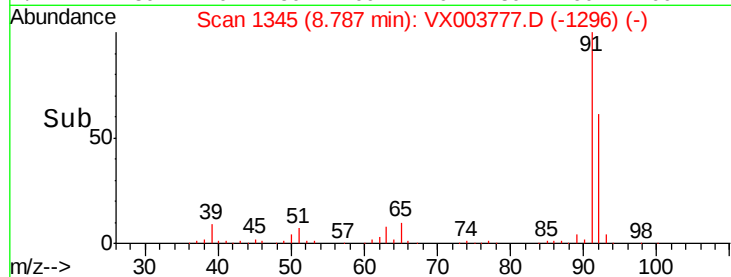
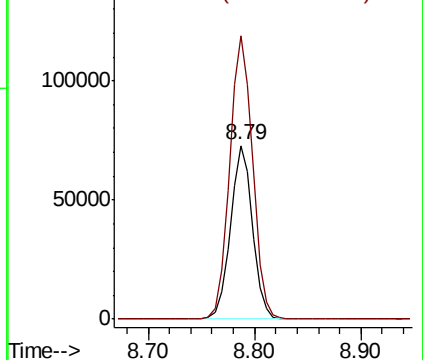
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 49.18 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003777.D

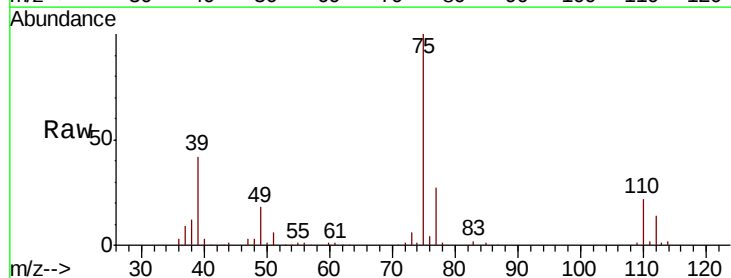
Acq: 01 Aug 2018 04:19

Tgt Ion: 75 Resp: 47201

Ion Ratio Lower Upper

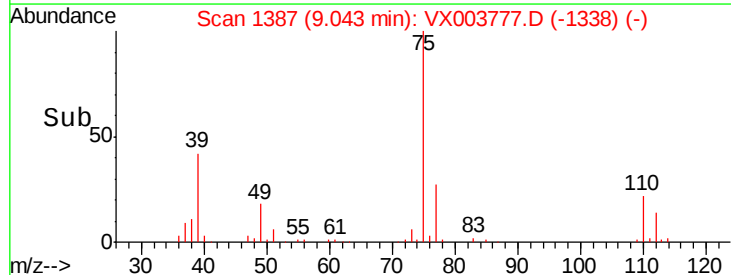
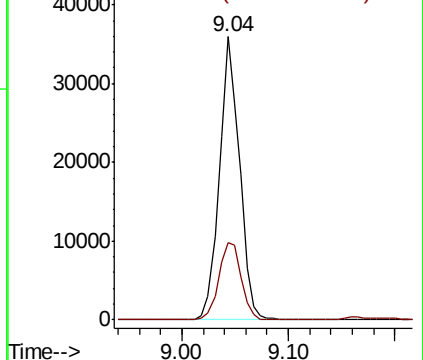
75 100

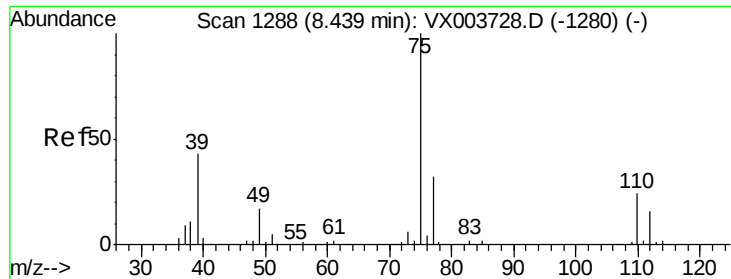
77 27.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





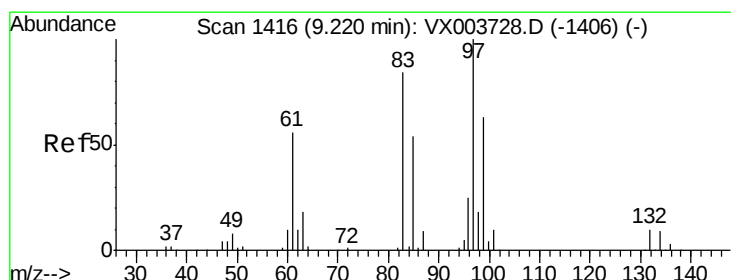
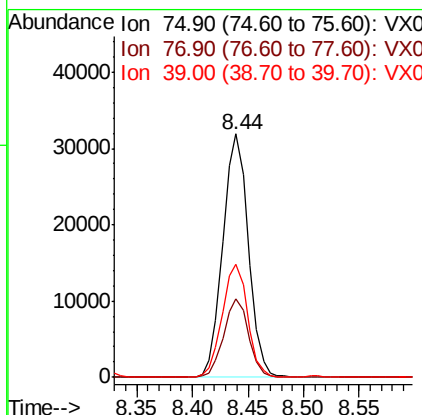
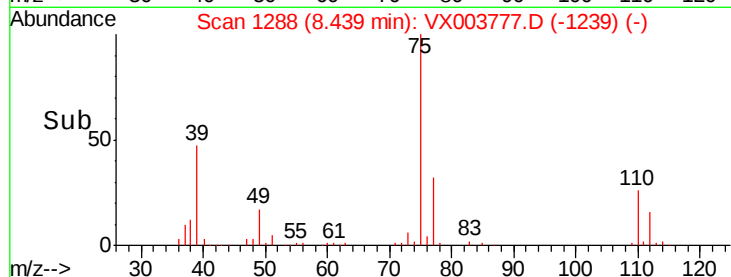
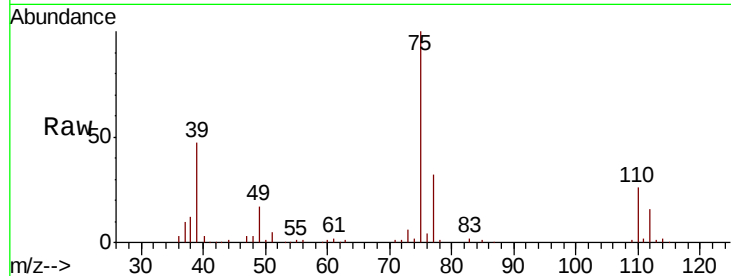
#54
 cis-1,3-Dichloropropene
 Concen: 47.42 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	46.6	34.1	51.1

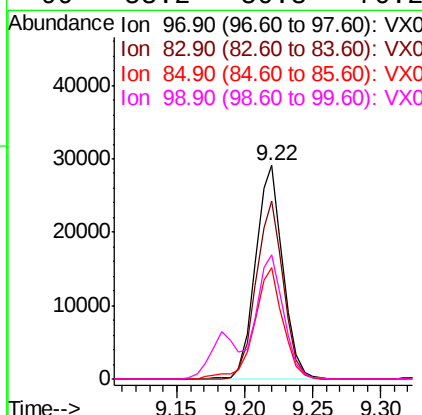
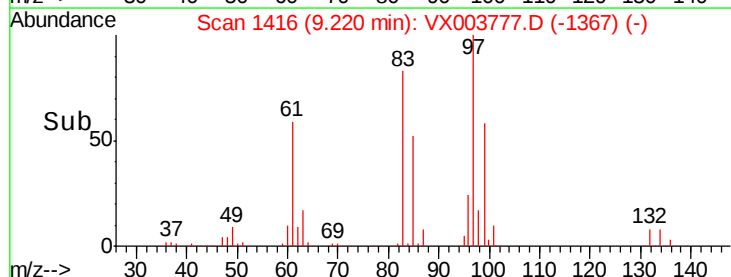
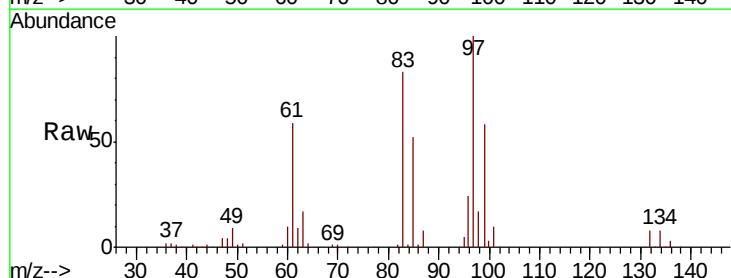
Manual Integrations
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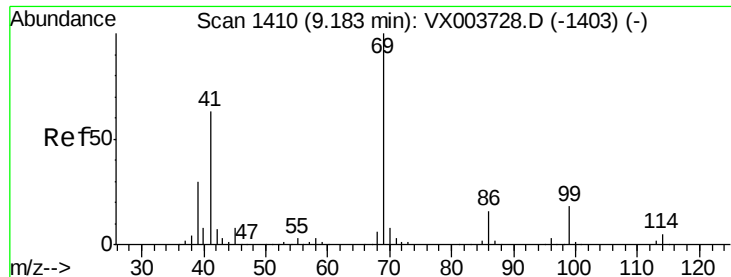
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#55
 1,1,2-Trichloroethane
 Concen: 64.19 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.4	101.0
85	52.1	43.3	64.9
99	58.2	50.8	76.2





#56

Ethyl methacrylate

Concen: 51.98 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

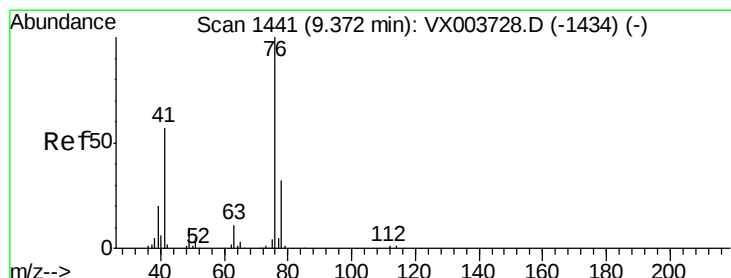
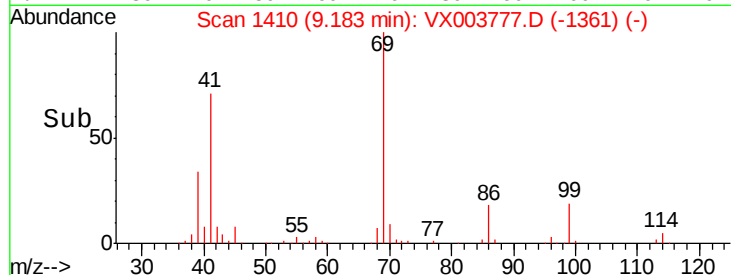
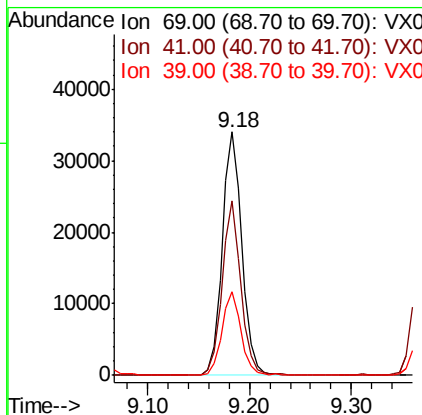
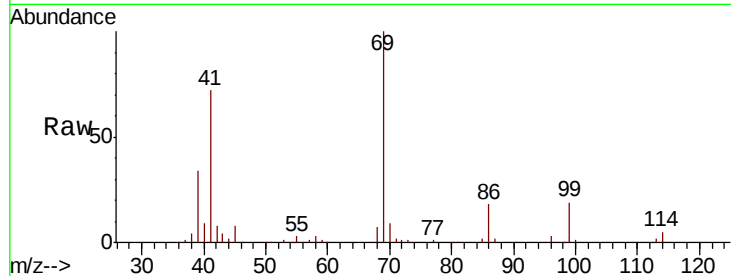
ClientSampleId :

SB-1(3-5)MS

Tot Ion:	69	Resp:	45616
Ion	Ratio	Lower	Upper
69	100		
41	68.9	51.6	77.4
39	33.8	25.1	37.7

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#57

1,3-Dichloropropane

Concen: 58.29 ug/l

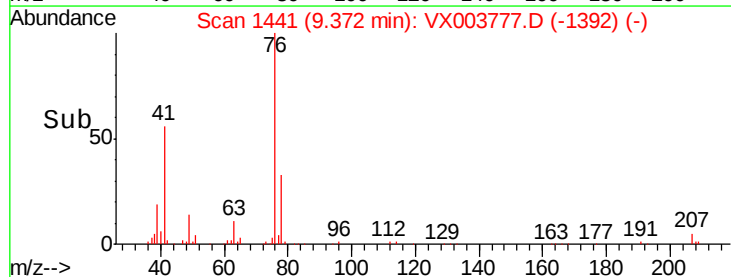
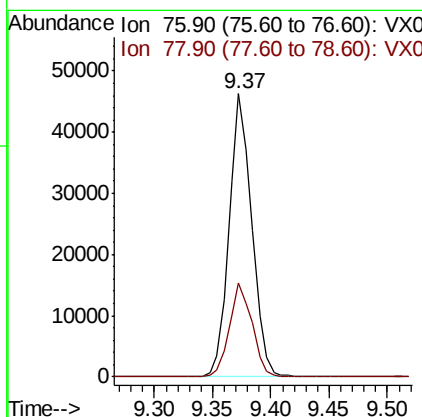
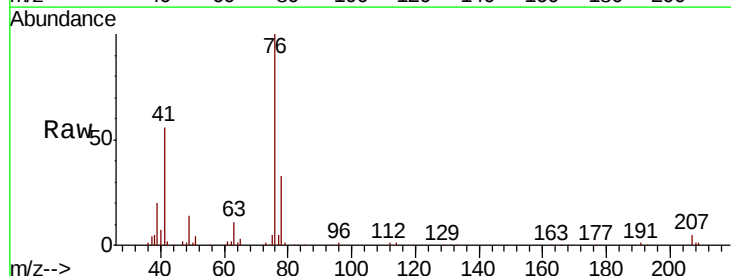
RT: 9.37 min Scan# 1441

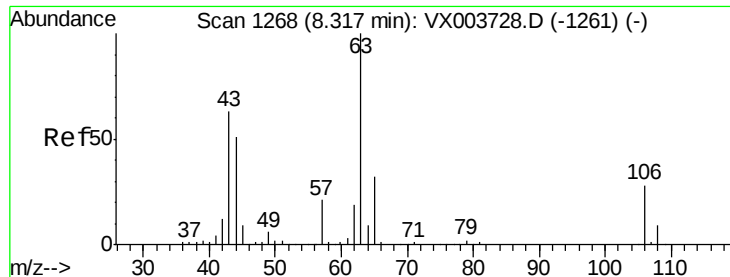
Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Tgt Ion:	76	Resp:	62517
Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.7	38.5





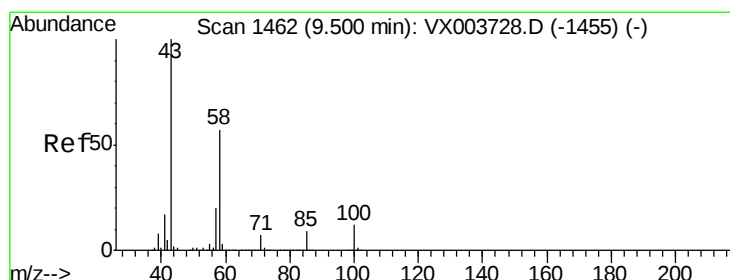
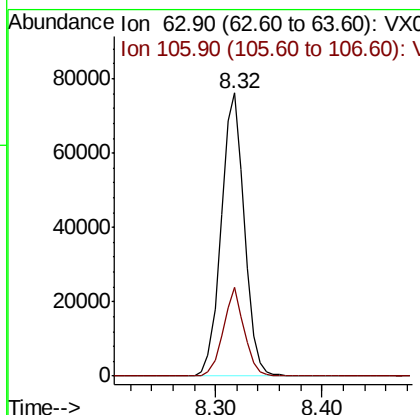
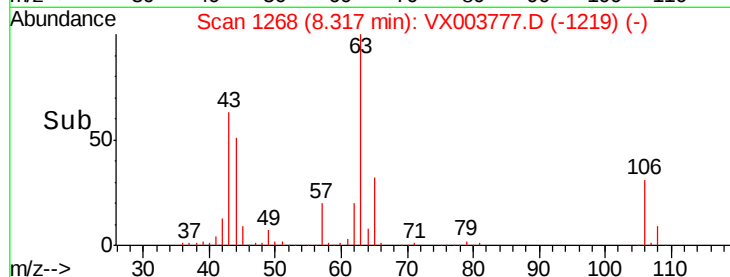
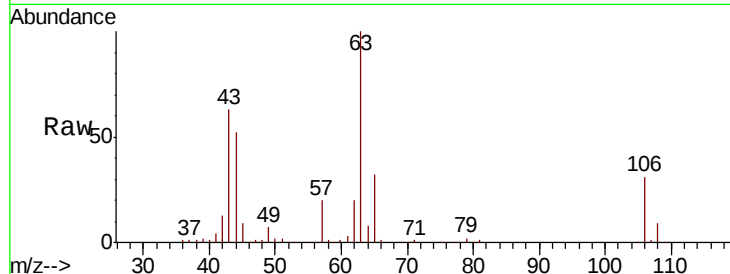
#58
 2-Chloroethyl Vinyl ether
 Concen: 246.76 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion: 63 Resp: 115455
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.5 33.7

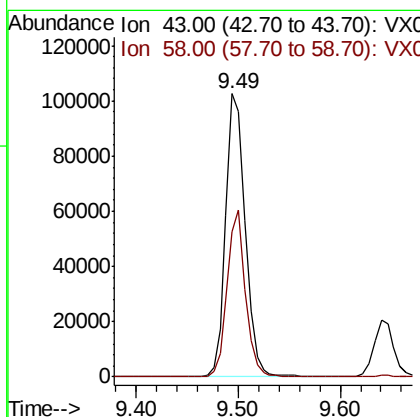
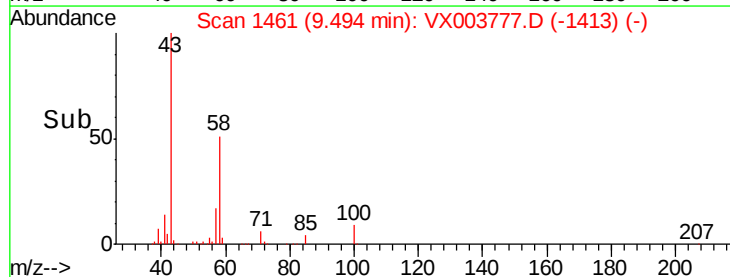
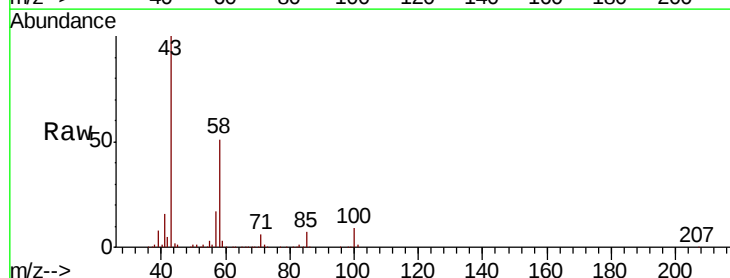
Manual Integrations
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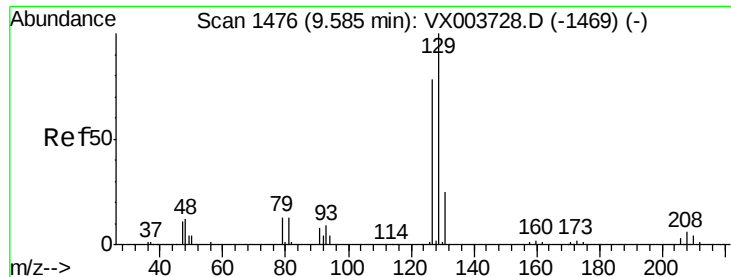
apatel
 8/1/2018 6:54:47 PM



#59
 2-Hexanone
 Concen: 230.12 ug/l
 RT: 9.49 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 43 Resp: 136934
 Ion Ratio Lower Upper
 43 100
 58 54.6 28.0 83.9





#60

Dibromochloromethane

Concen: 53.53 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

Tot Ion:129 Resp: 34439

Ion Ratio Lower Upper

129 100

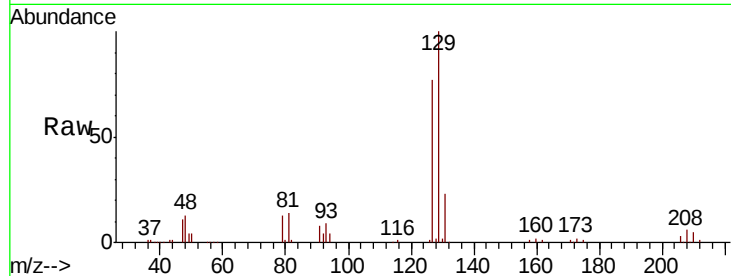
127 79.4 38.8 116.4

Manual Integrations

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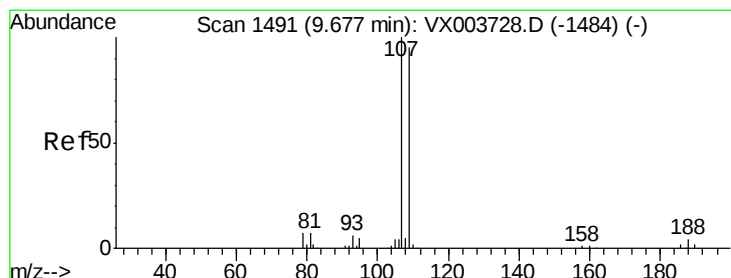
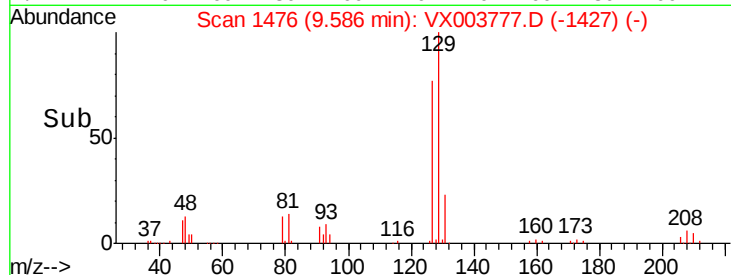
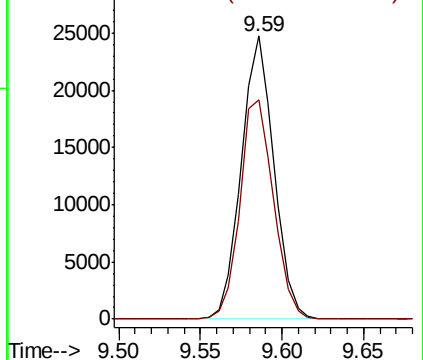
apatel

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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: 49.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003777.D

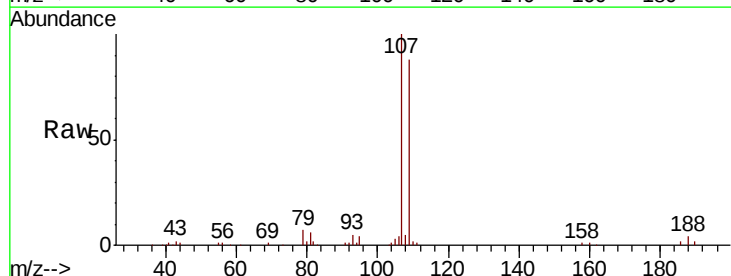
Acq: 01 Aug 2018 04:19

Tgt Ion:107 Resp: 32547

Ion Ratio Lower Upper

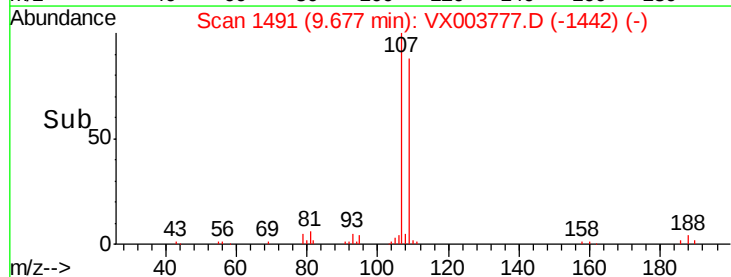
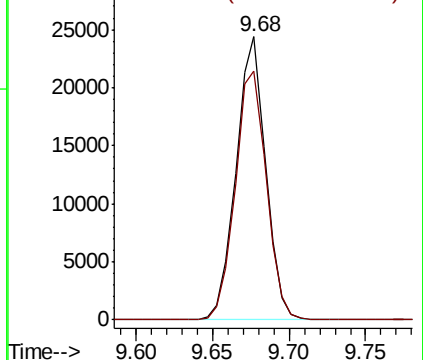
107 100

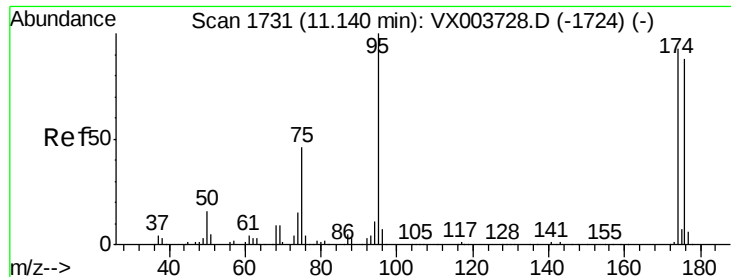
109 92.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





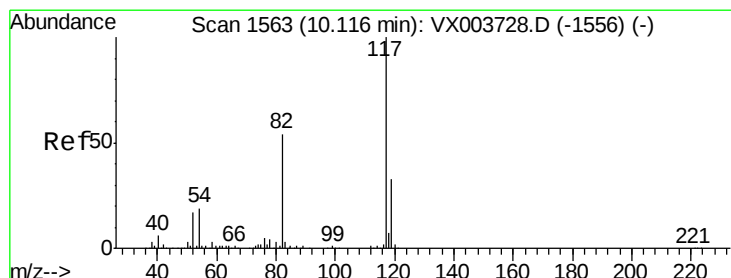
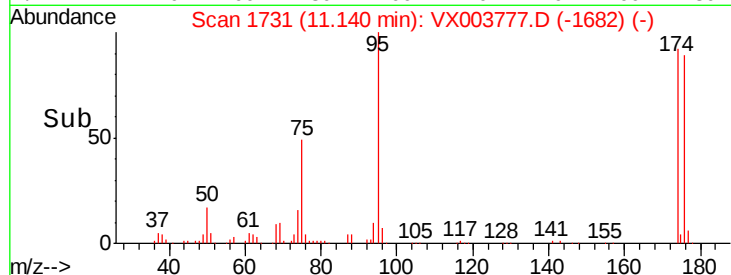
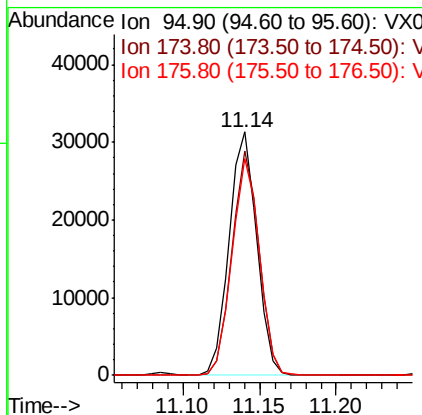
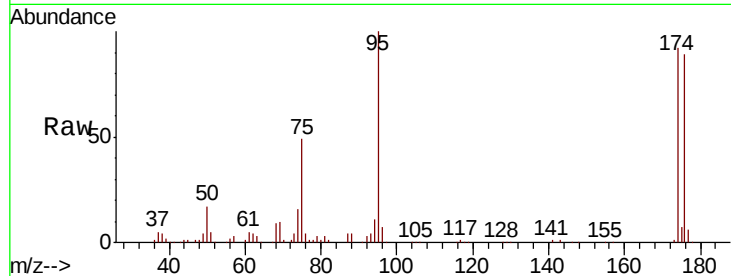
#62
4-Bromofluorobenzene
Concen: 39.08 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampled :
SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	39229		
174	90.0	0.0	186.2	
176	88.1	0.0	179.2	

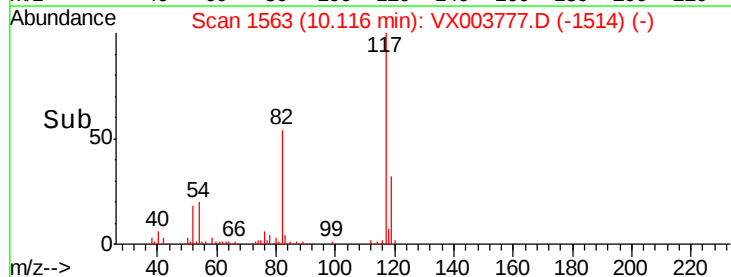
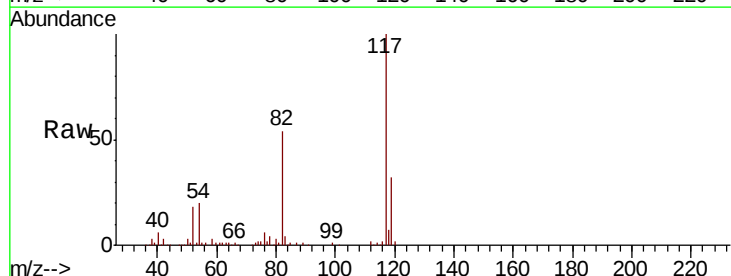
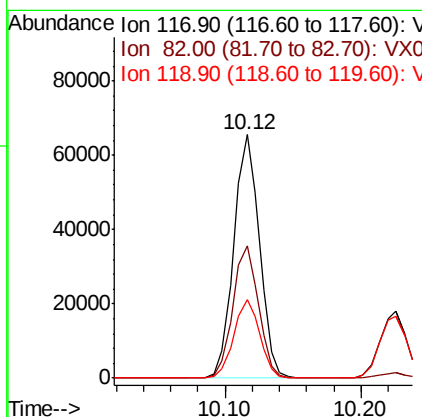
Manual Integrations
APPROVED

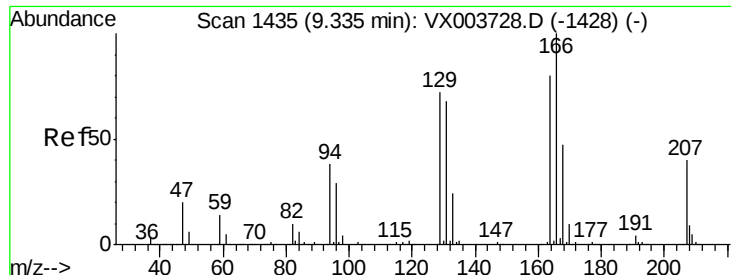
apatel
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	85971		
82	54.1	43.2	64.8	
119	32.1	26.3	39.5	





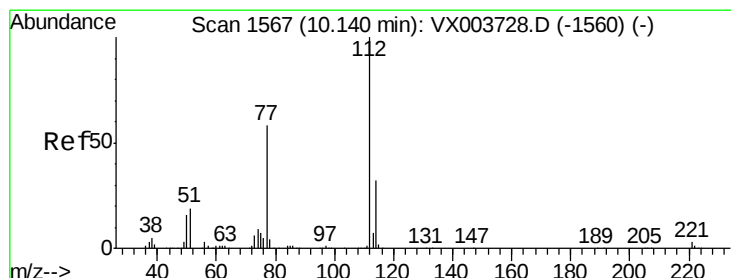
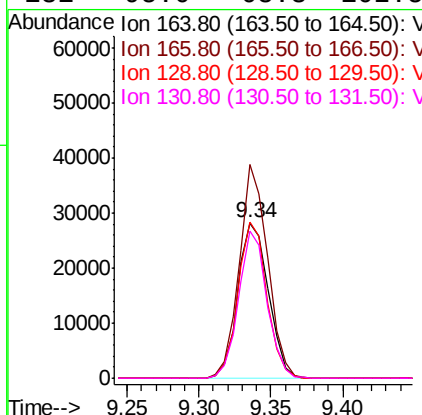
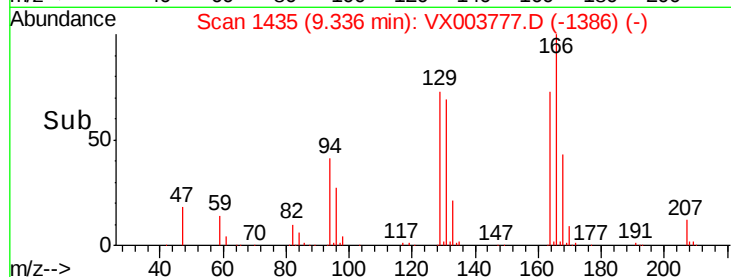
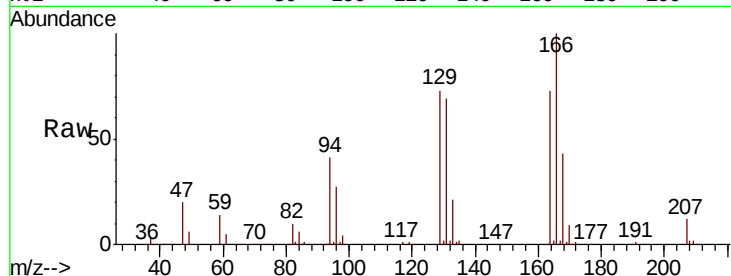
#64
Tetrachloroethene
Concen: 61.42 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	137.6	100.4	150.6
129	100.8	71.8	107.8
131	95.0	68.3	102.5

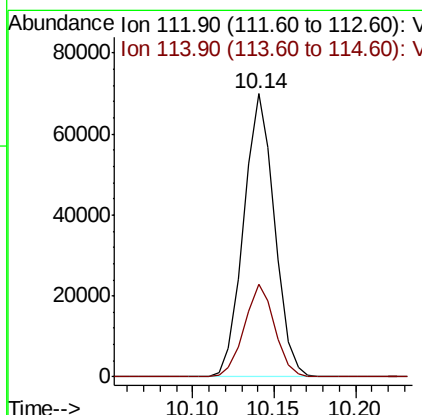
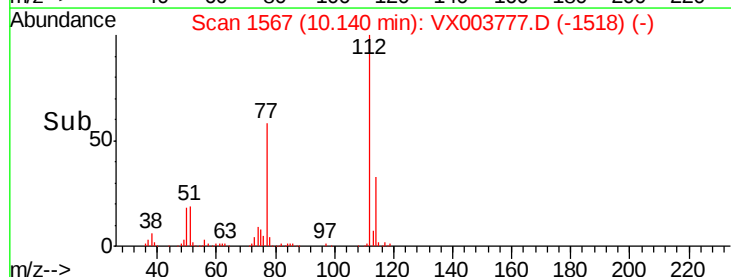
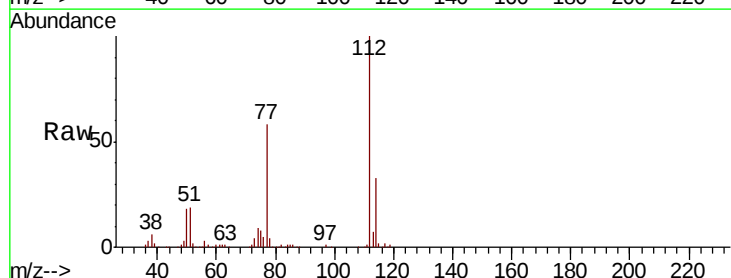
Manual Integrations
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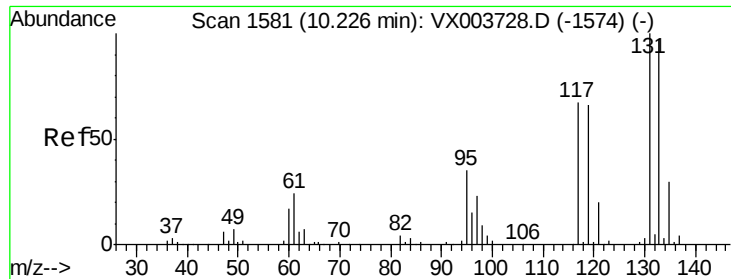
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#65
Chlorobenzene
Concen: 51.39 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.7	38.5





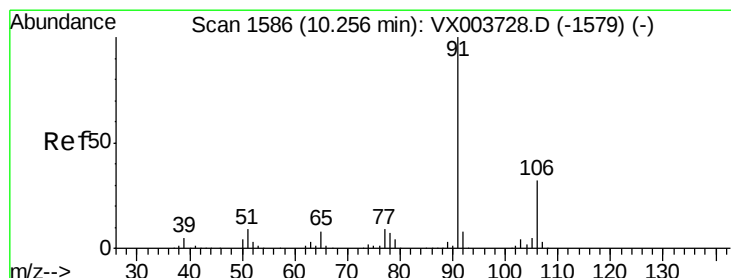
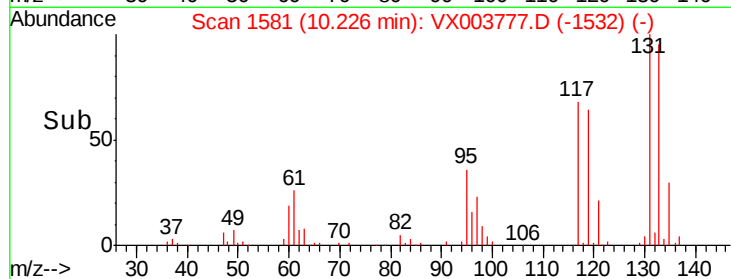
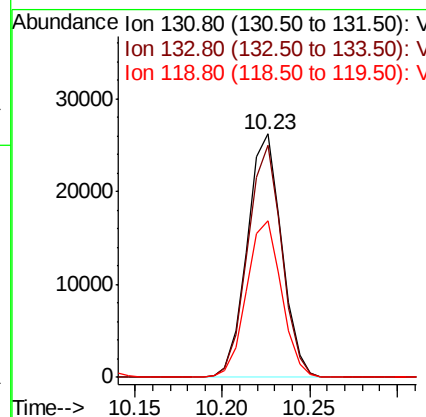
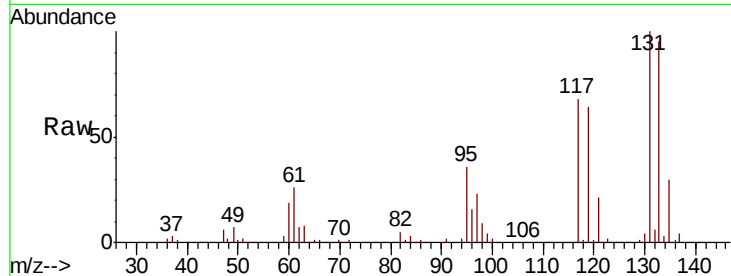
#66
 1,1,1,2-Tetrachloroethane
 Concen: 61.41 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.6	142.9
119	64.9	32.8	98.3

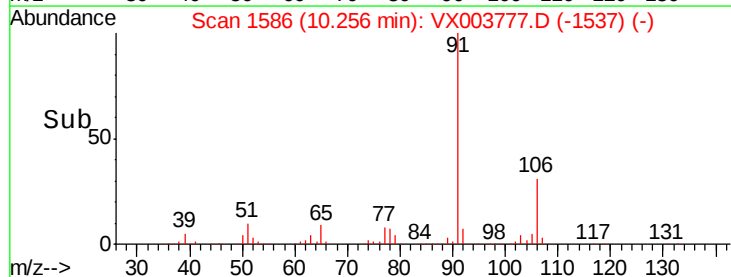
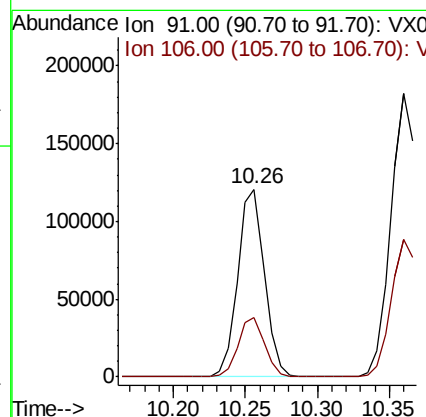
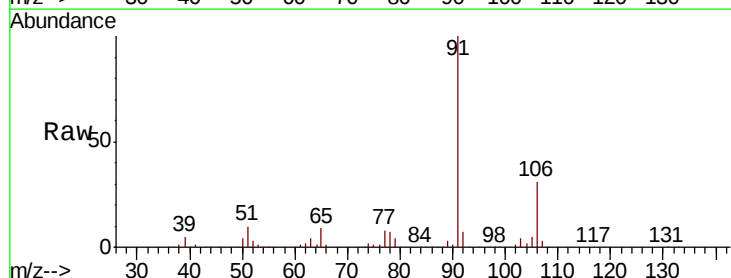
Manual Integrations
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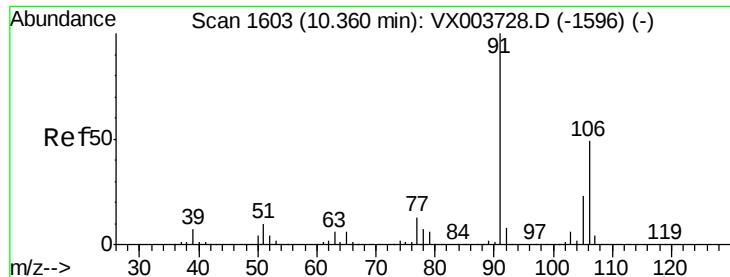
apatel
 8/1/2018 6:54:47 PM



#67
 Ethyl Benzene
 Concen: 51.72 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.4	38.2





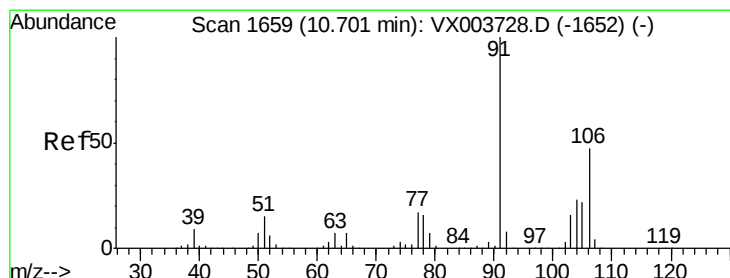
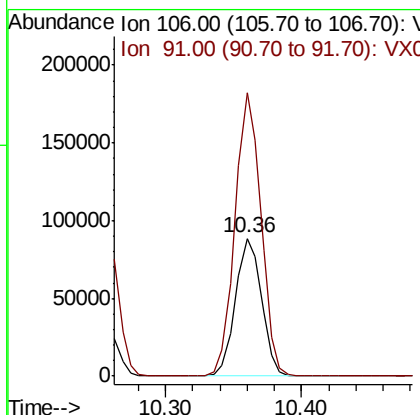
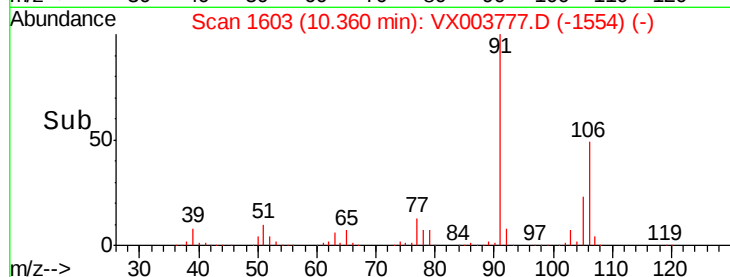
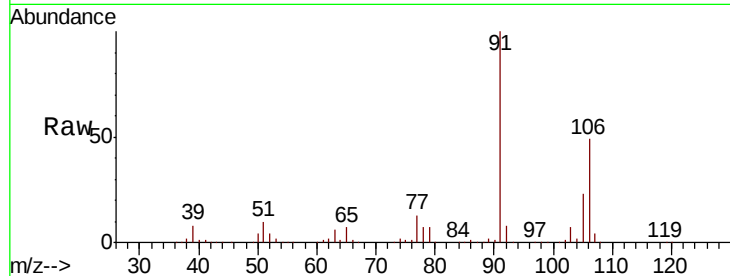
#68
m/p-Xylenes
Concen: 100.23 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion:106 Resp: 118939
Ion Ratio Lower Upper
106 100
91 203.4 159.8 239.8

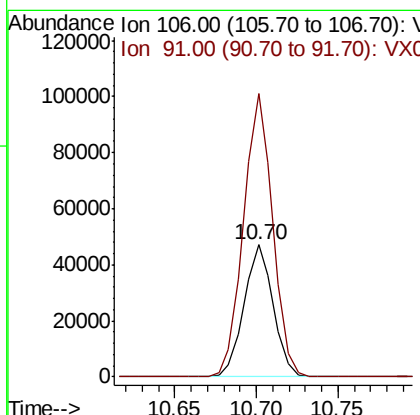
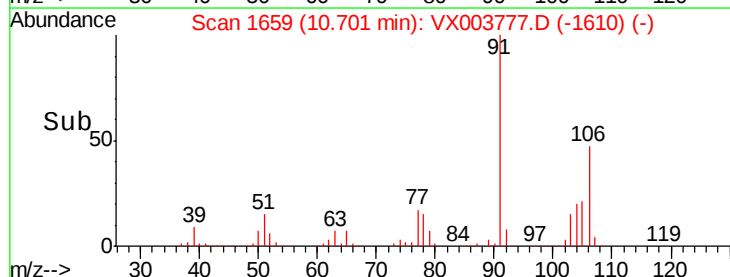
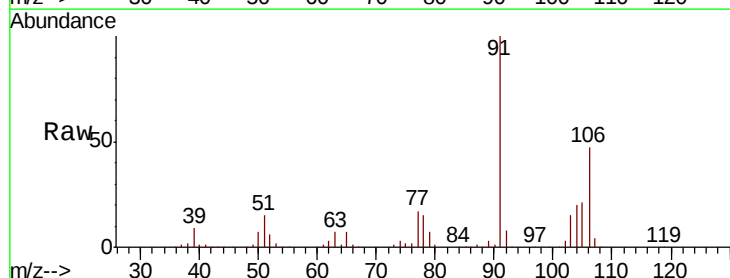
Manual Integrations
APPROVED

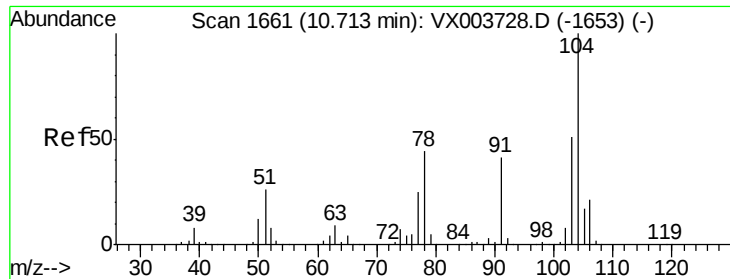
apatel
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#69
o-Xylene
Concen: 53.40 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion:106 Resp: 58840
Ion Ratio Lower Upper
106 100
91 214.1 105.6 316.8





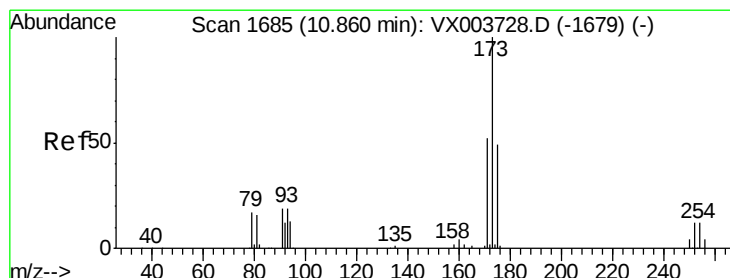
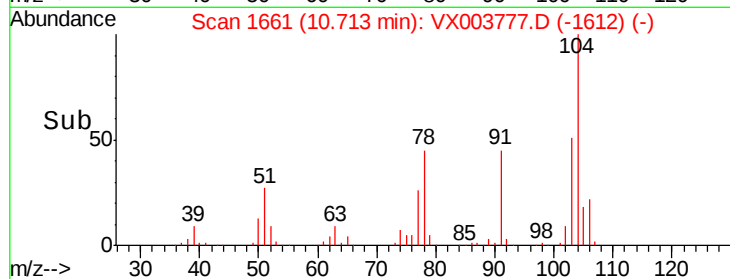
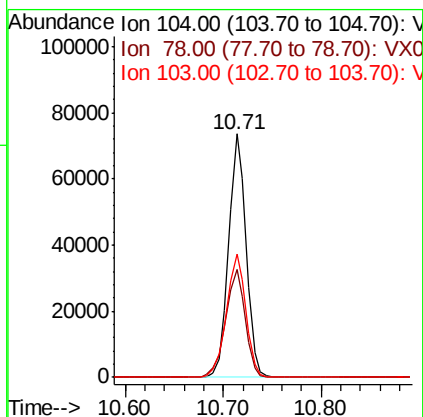
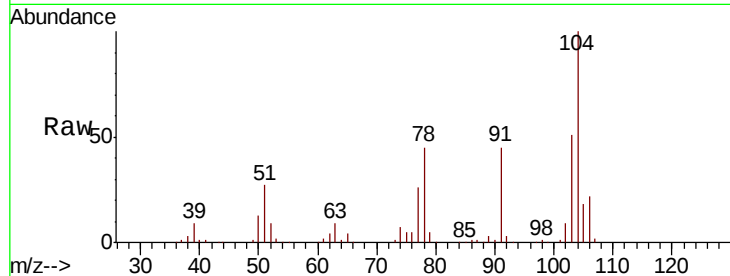
#70
Stvrene
Concen: 49.39 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	38.2	57.2
103	55.8	44.5	66.7

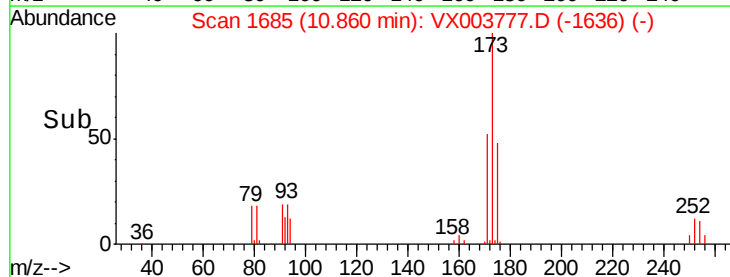
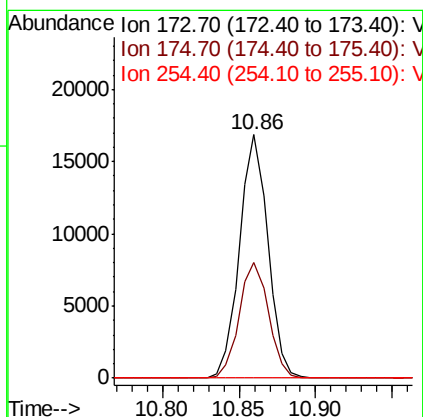
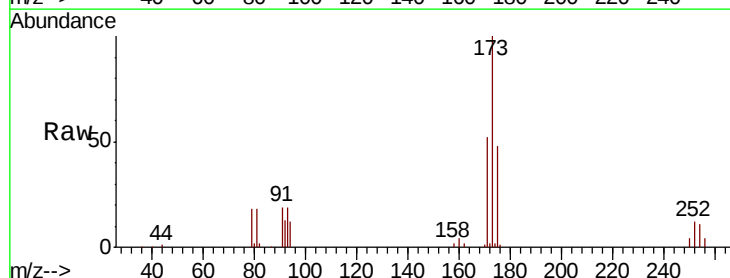
Manual Integrations
APPROVED

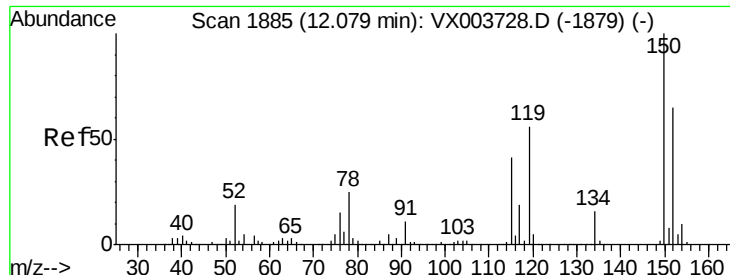
apatel
8/1/2018 6:54:47 PM



#71
Bromoform
Concen: 54.08 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.9	74.6
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

Tot Ion:152 Resp: 32908

Ion Ratio Lower Upper

152 100

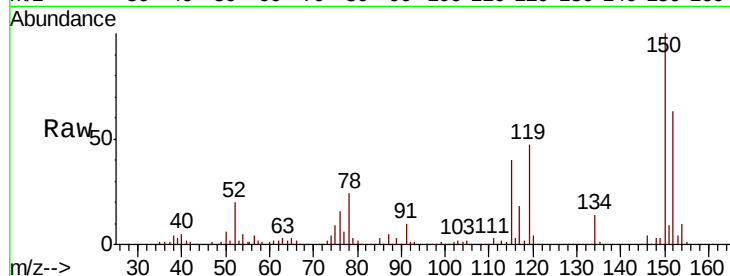
115 78.4 38.5 115.3

150 174.2 0.0 346.2

Manual Integrations
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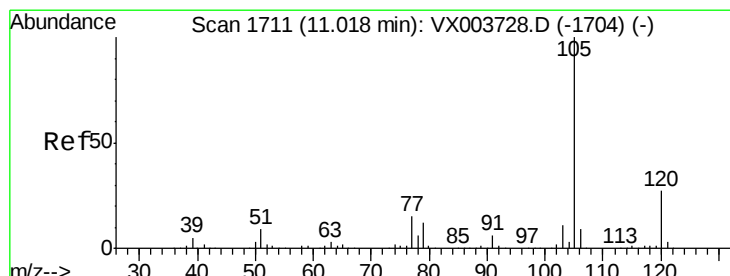
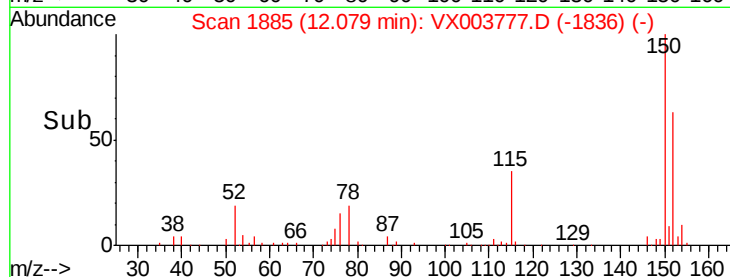
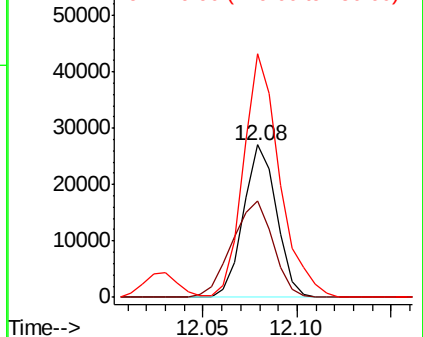


Abundance

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: 68.06 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003777.D

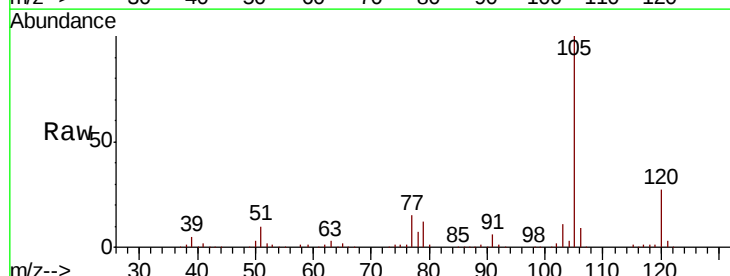
Acq: 01 Aug 2018 04:19

Tgt Ion:105 Resp: 140206

Ion Ratio Lower Upper

105 100

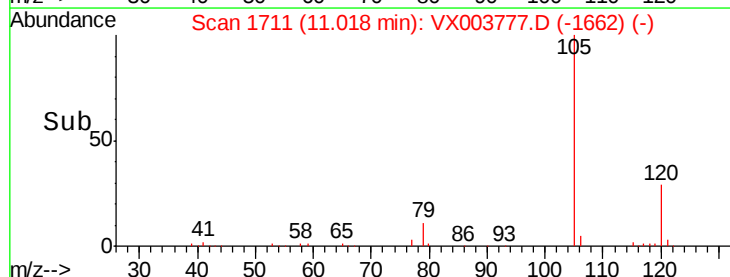
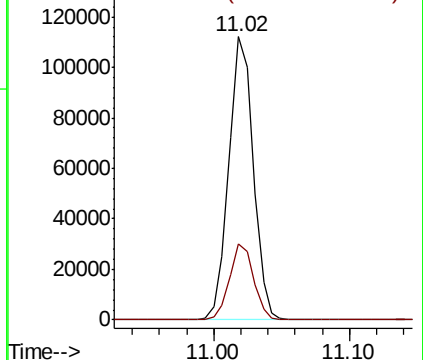
120 26.5 13.5 40.5

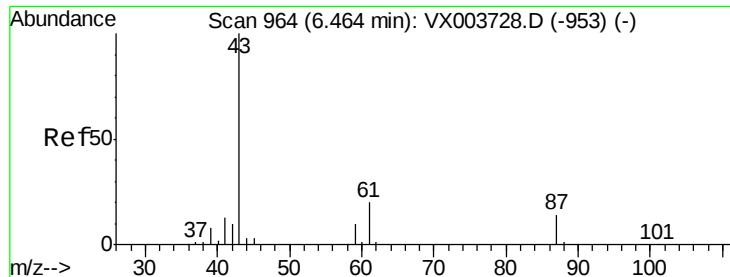


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 83.23 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

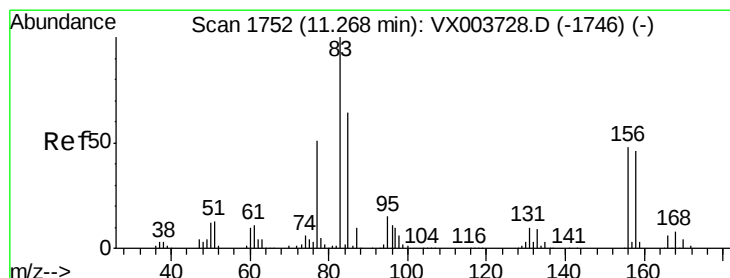
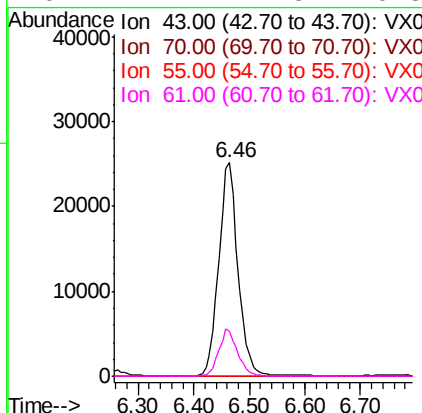
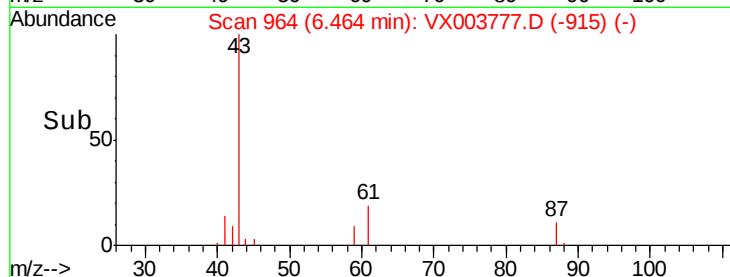
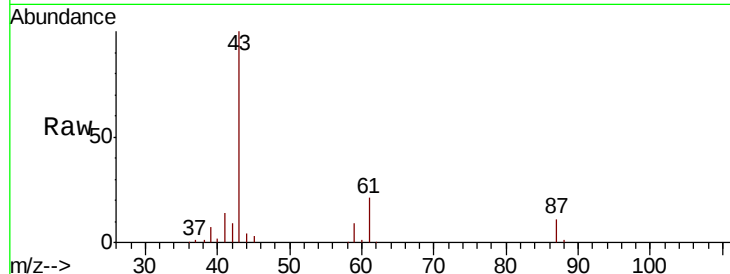
ClientSampleId :

SB-1(3-5)MS

Tot Ion	43	Resp	60778
Ion Ratio	Lower	Upper	
43	100		
70	0.0	31.0	46.6#
55	0.0	18.9	28.3#
61	21.1	17.8	26.8

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 80.45 ug/l

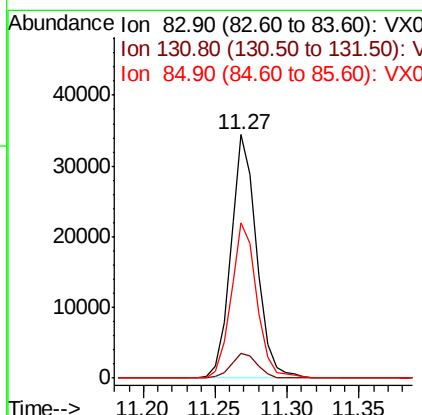
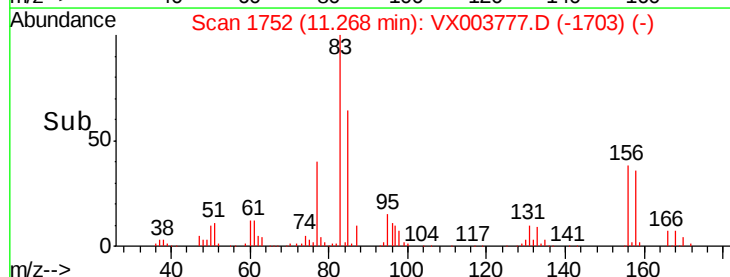
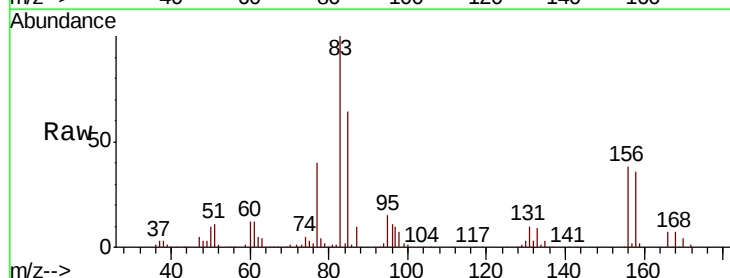
RT: 11.27 min Scan# 1752

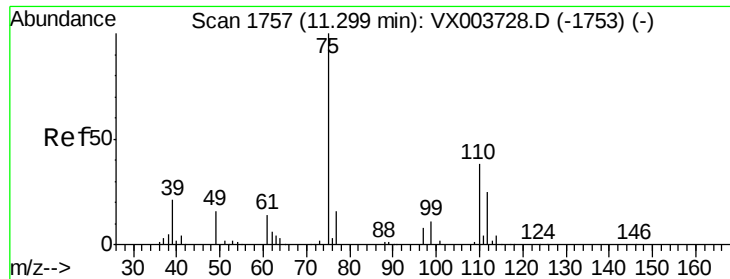
Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Tgt Ion	83	Resp	43087
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.9
85	63.8	32.0	96.2





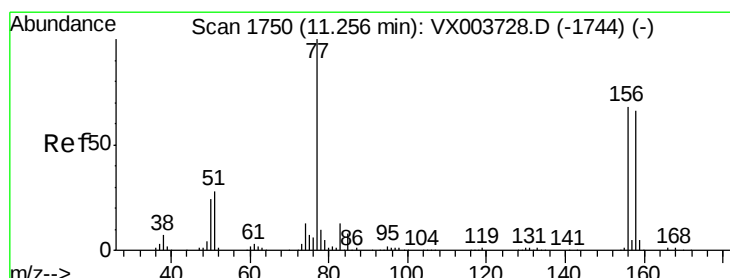
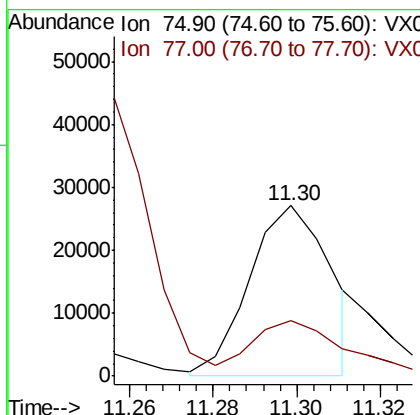
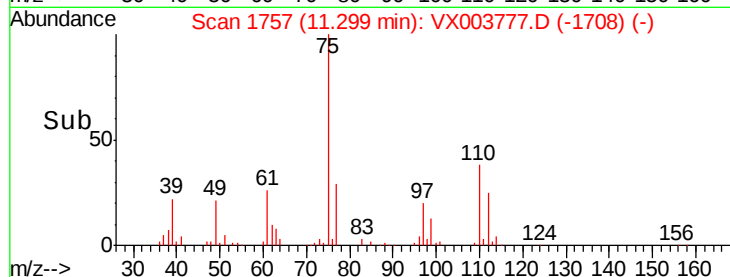
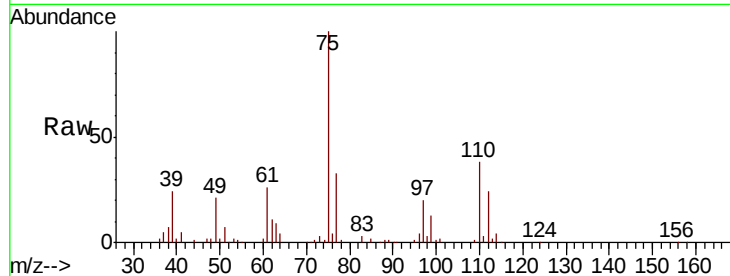
#76
1,2,3-Trichloropropane
Concen: 79.98 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampled :
SB-1(3-5)MS

Tot Ion: 75 Resp: 36278
Ion Ratio Lower Upper
75 100
77 38.1 21.6 65.0

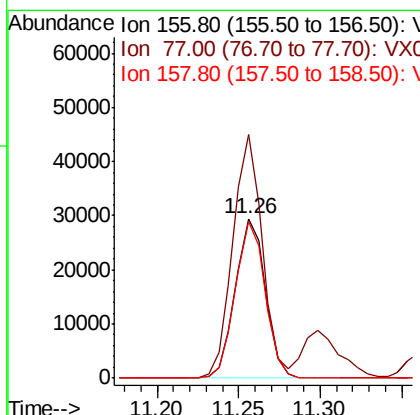
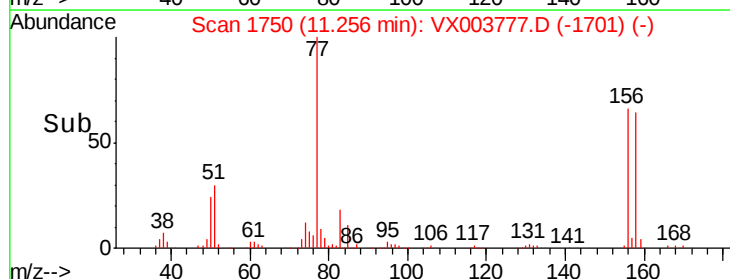
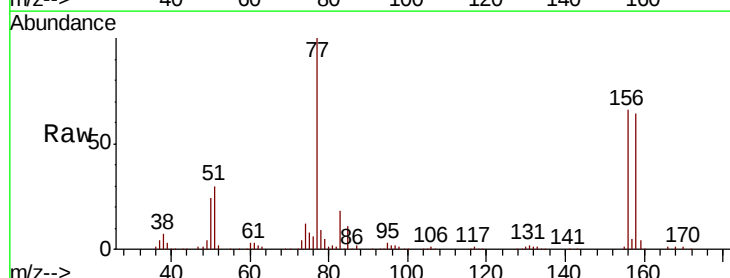
Manual Integrations
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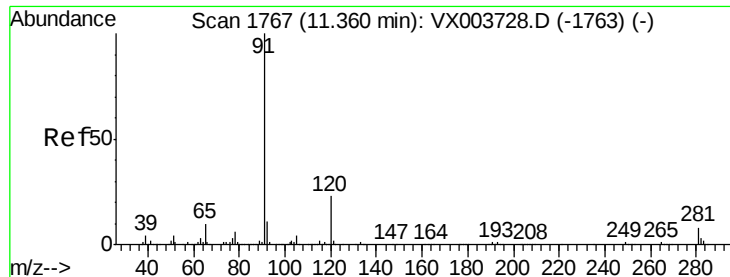
apatel
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#77
Bromobenzene
Concen: 70.48 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 156 Resp: 37854
Ion Ratio Lower Upper
156 100
77 149.1 71.8 215.3
158 97.3 48.8 146.4





#78

n-propylbenzene

Concen: 58.75 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

SB-1(3-5)MS

Tot Ion: 91 Resp: 146619

Ion Ratio Lower Upper

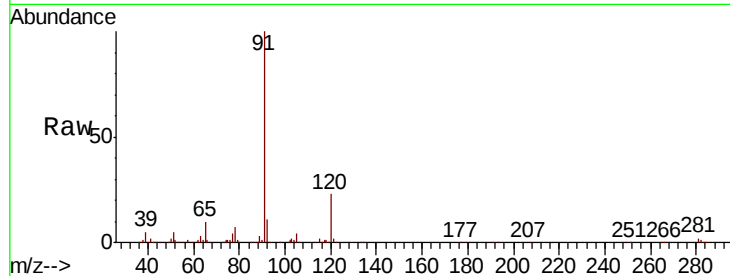
91 100

120 23.4 11.9 35.5

Manual Integrations
APPROVED

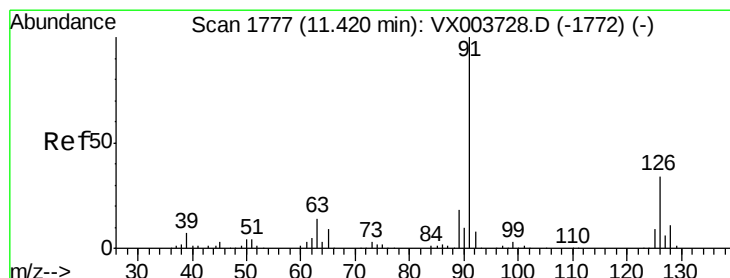
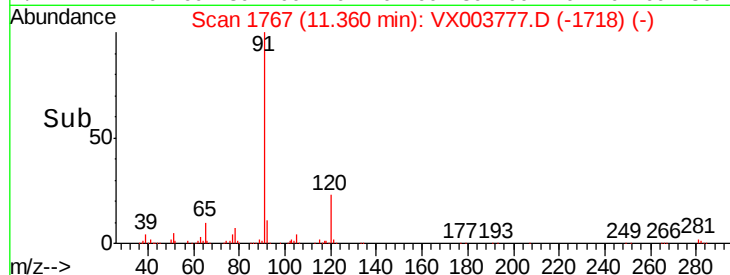
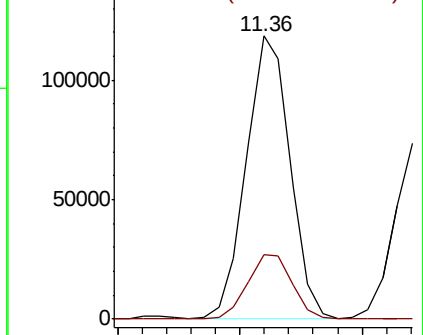
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 64.74 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003777.D

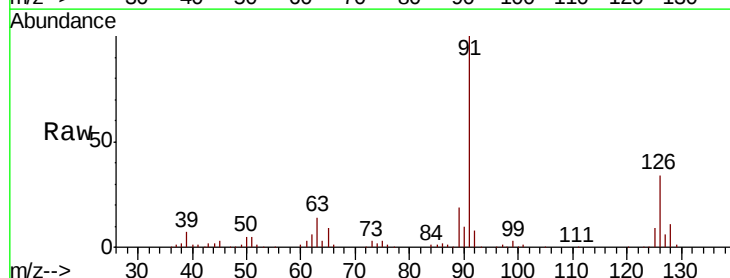
Acq: 01 Aug 2018 04:19

Tgt Ion: 91 Resp: 91733

Ion Ratio Lower Upper

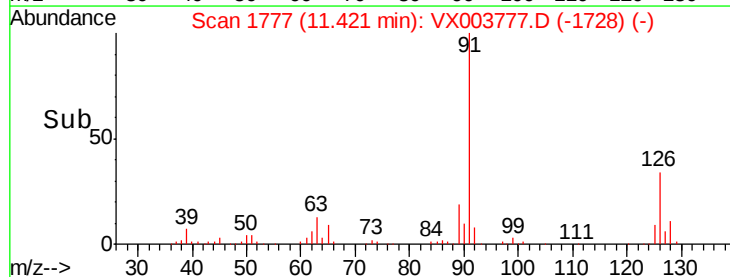
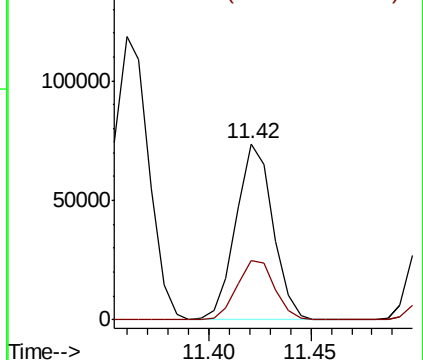
91 100

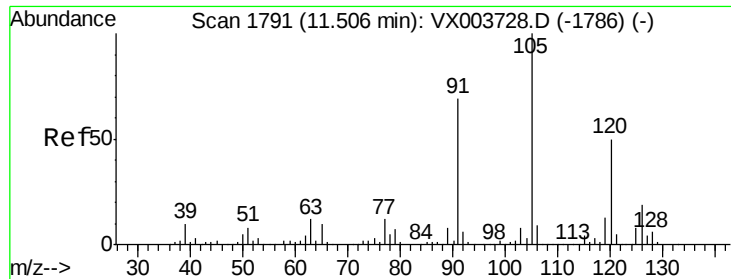
126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





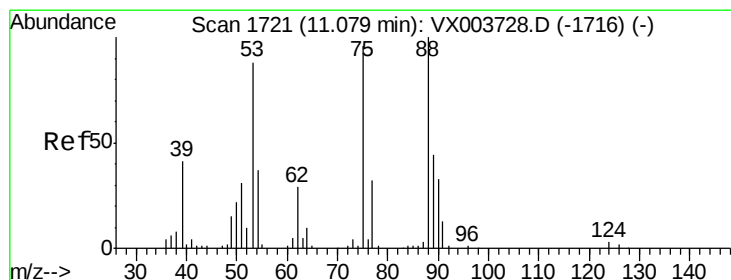
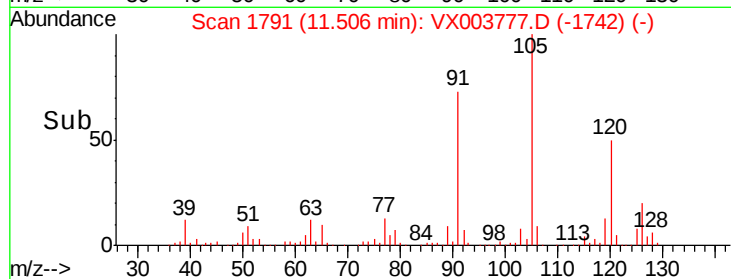
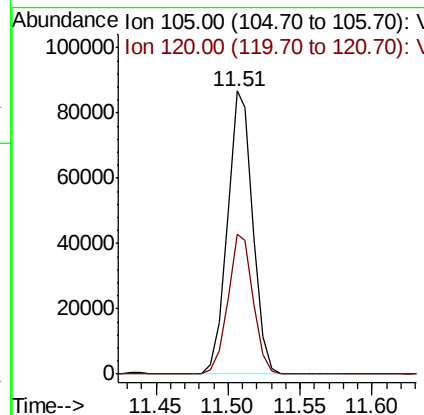
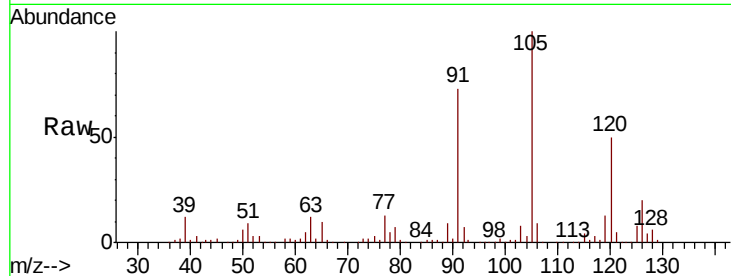
#80
 1,3,5-Trimethylbenzene
 Concen: 61.10 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampled :
 SB-1(3-5)MS

Tot Ion:105 Resp: 107448
 Ion Ratio Lower Upper
 105 100
 120 49.3 15.8 47.4#

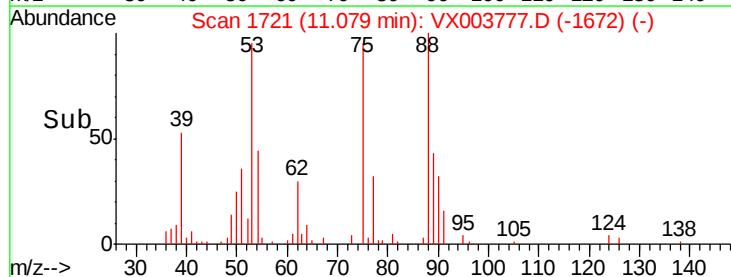
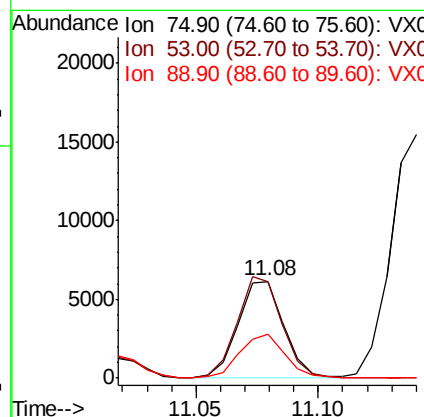
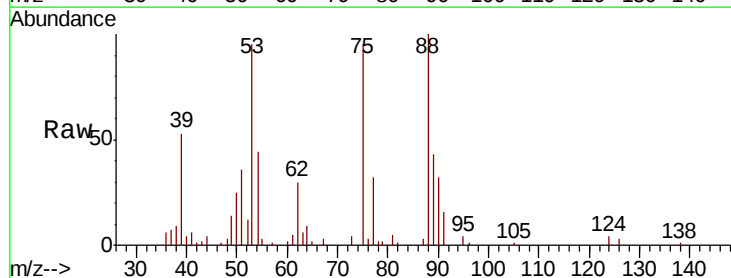
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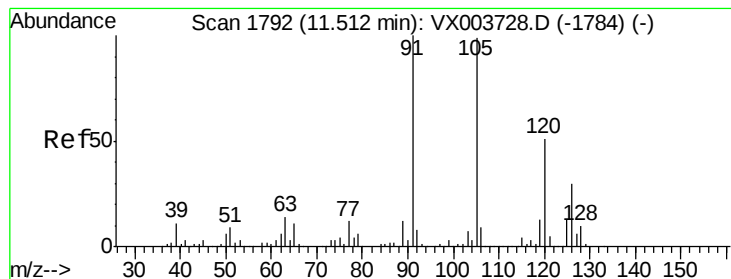
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.55 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 75 Resp: 8048
 Ion Ratio Lower Upper
 75 100
 53 101.5 75.8 113.8
 89 44.3 39.1 58.7





#82

4-Chlorotoluene

Concen: 60.22 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

SB-1(3-5)MS

Tot Ion: 91 Resp: 103498

Ion Ratio Lower Upper

91 100

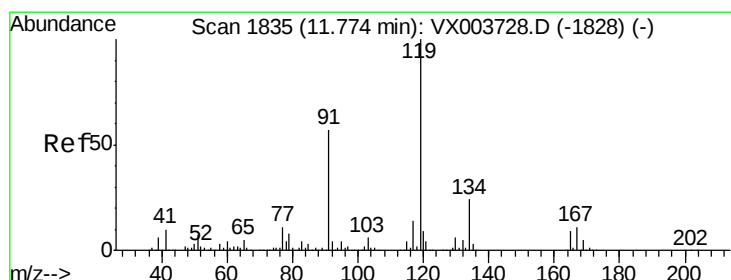
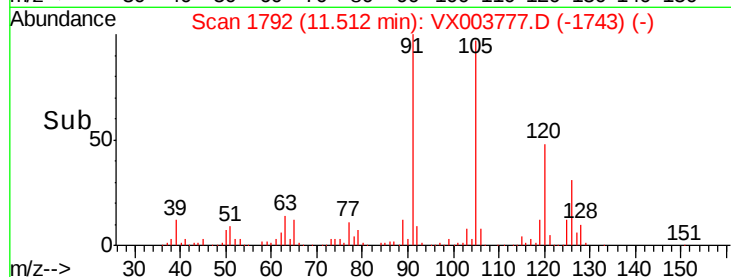
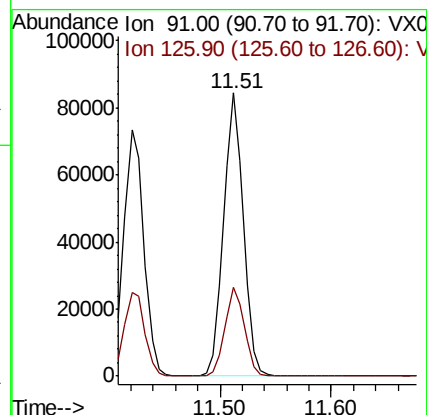
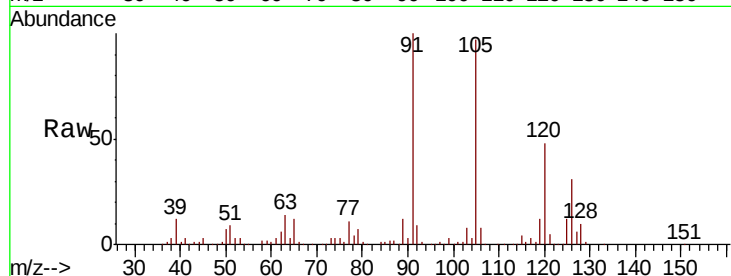
126 30.9 15.6 46.7

Manual Integrations

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#83

tert-Butylbenzene

Concen: 55.18 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

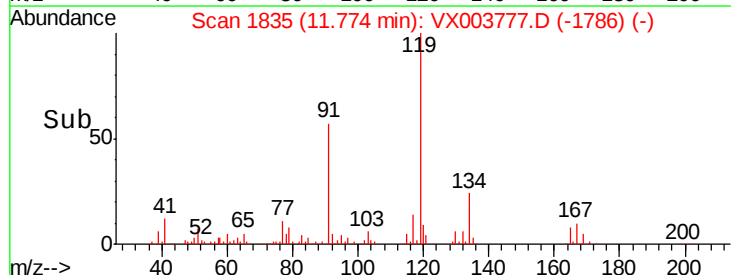
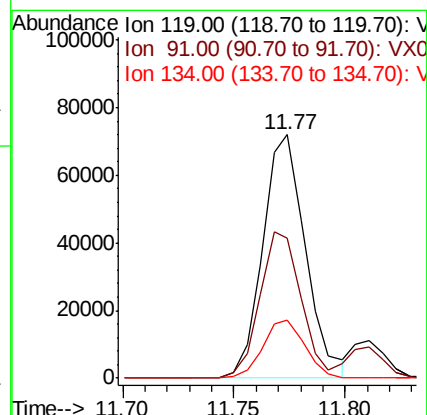
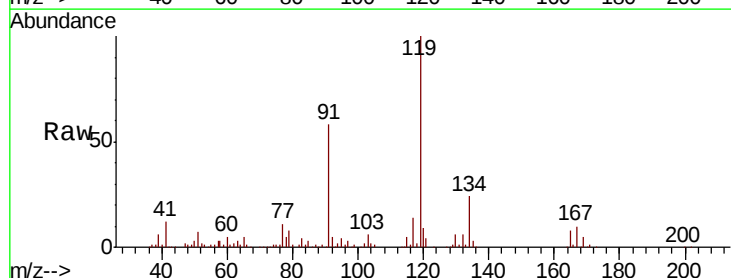
Tgt Ion: 119 Resp: 95964

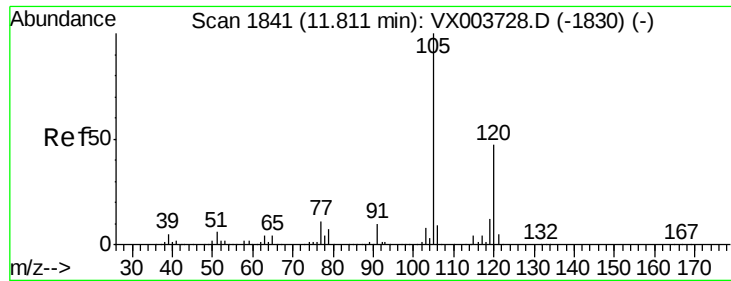
Ion Ratio Lower Upper

119 100

91 57.9 27.2 81.6

134 23.4 11.6 34.8





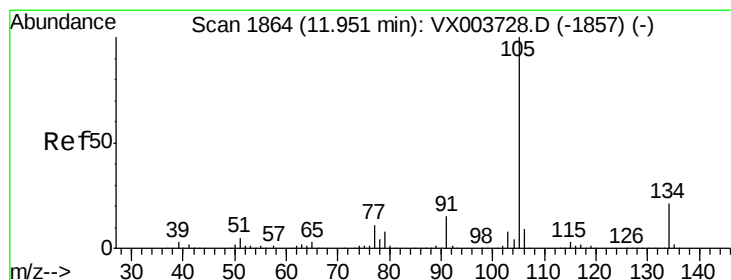
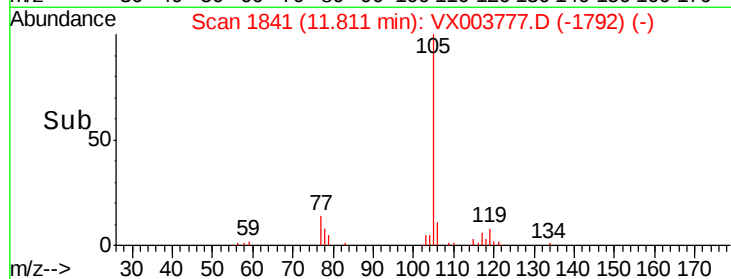
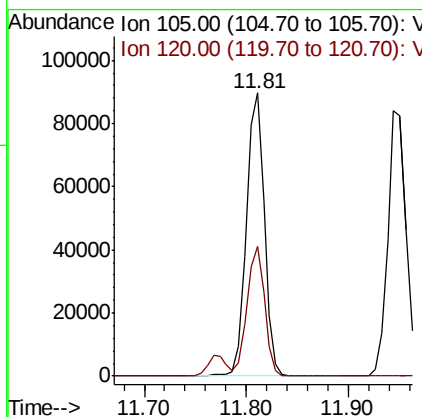
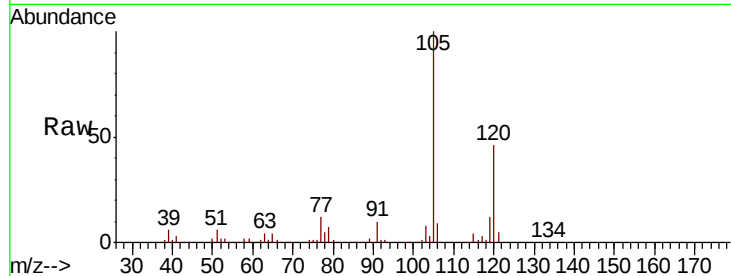
#84
1,2,4-Trimethylbenzene
Concen: 60.54 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampled :
SB-1(3-5)MS

Tot Ion:105 Resp: 109585
Ion Ratio Lower Upper
105 100
120 44.8 23.1 69.2

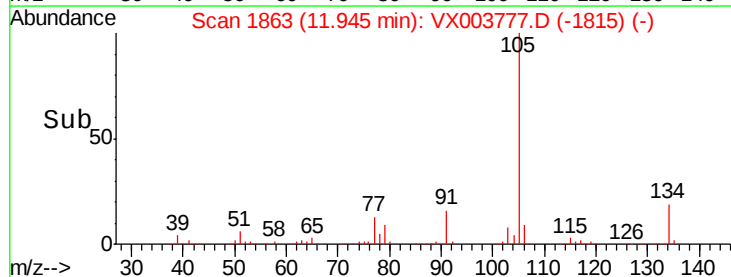
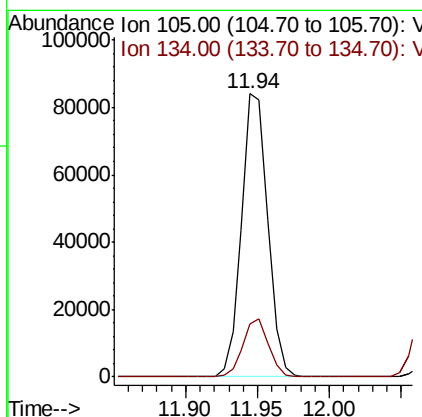
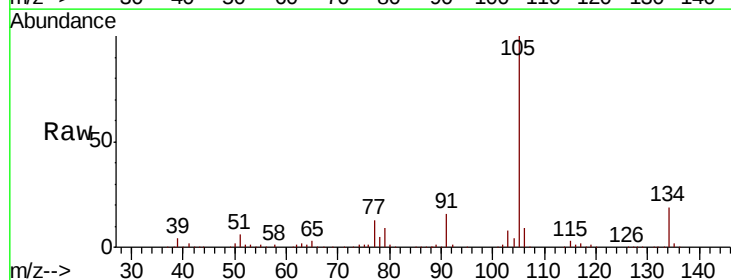
Manual Integrations
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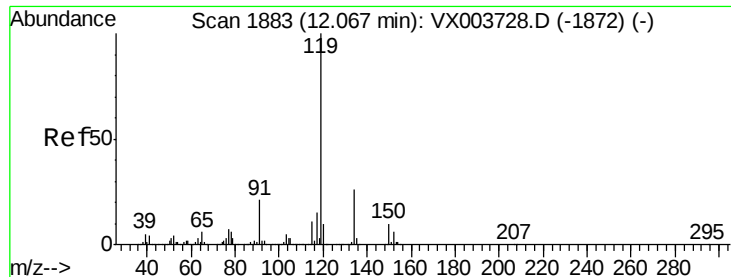
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#85
sec-Butylbenzene
Concen: 47.66 ug/l
RT: 11.94 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion:105 Resp: 106050
Ion Ratio Lower Upper
105 100
134 20.0 10.3 30.8





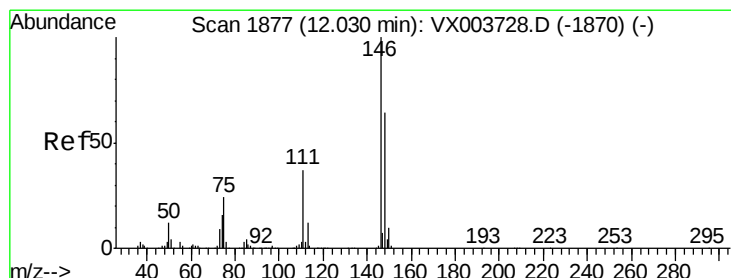
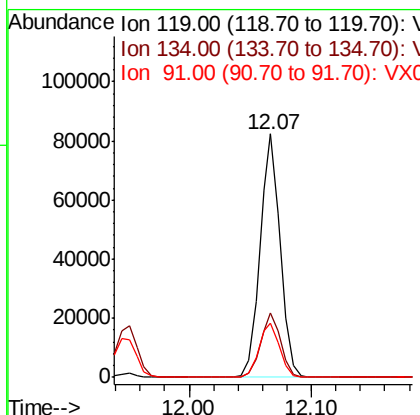
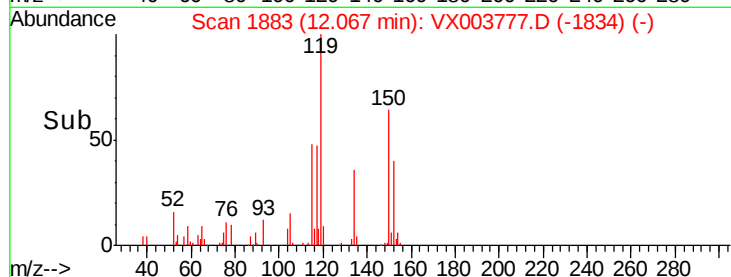
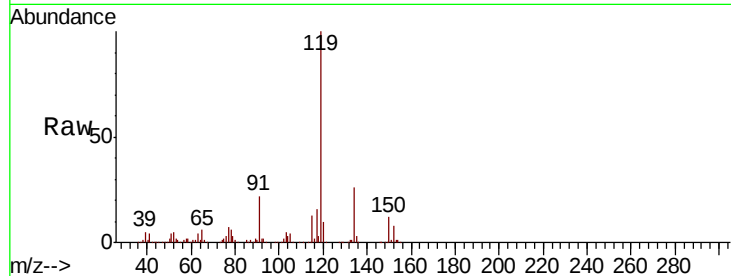
#86
 p-Isopropyltoluene
 Concen: 46.89 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampled :
 SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	94835		
134	26.3		10.1	30.1
91	23.0		23.6	70.8#

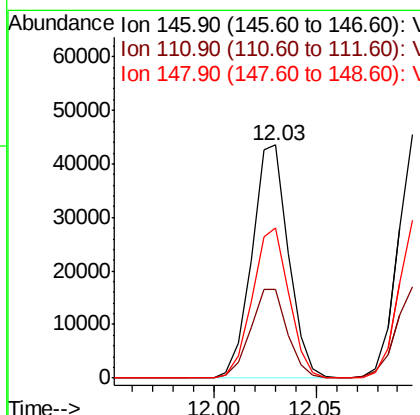
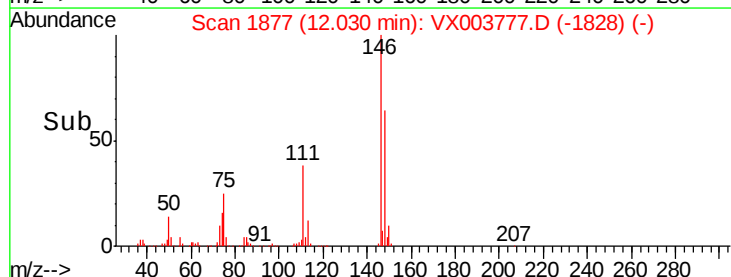
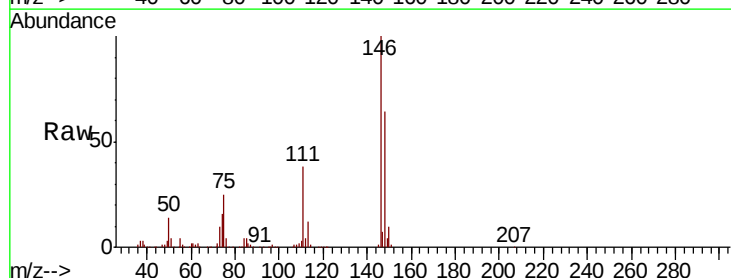
Manual Integrations
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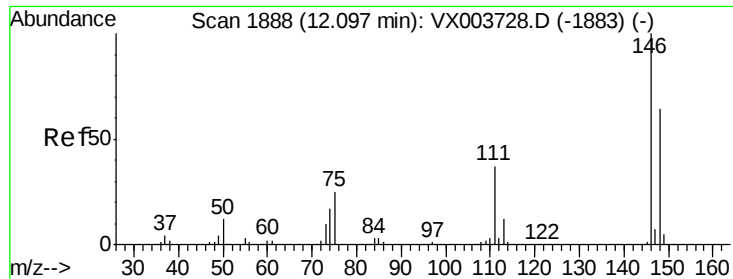
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#87
 1,3-Dichlorobenzene
 Concen: 50.15 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	54489		
111	38.7		18.8	56.3
148	64.1		31.9	95.9





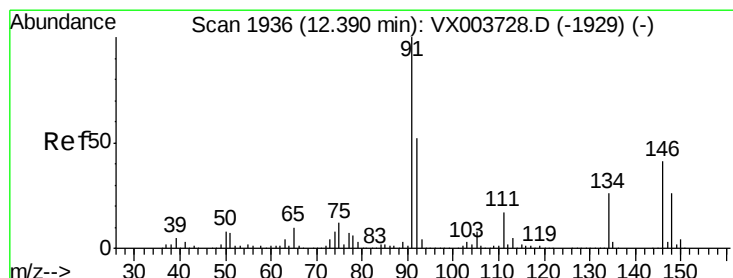
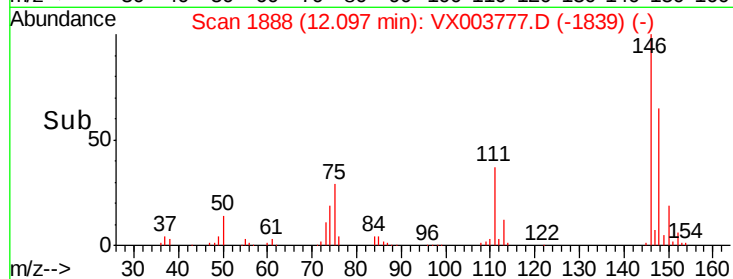
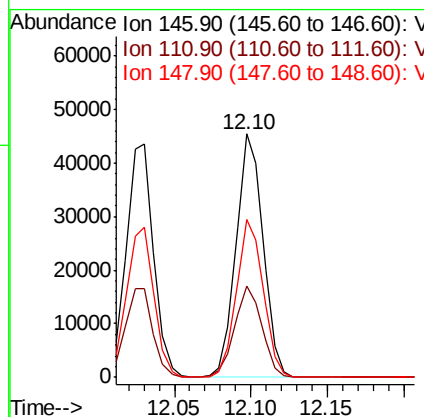
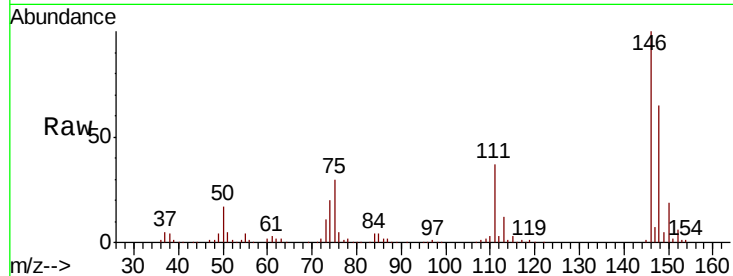
#88
 1,4-Dichlorobenzene
 Concen: 50.30 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.3	54.9
148	64.2	32.0	96.2

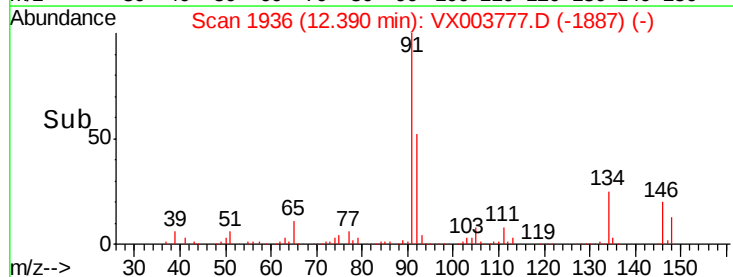
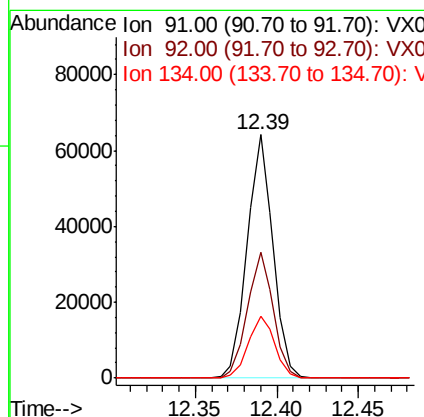
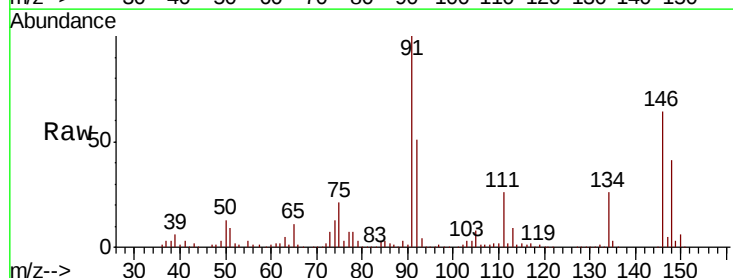
Manual Integrations
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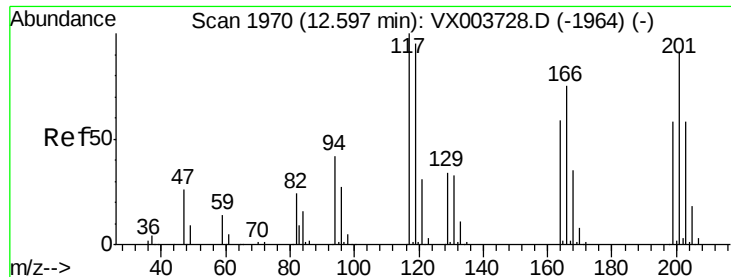
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#89
 n-Butylbenzene
 Concen: 36.88 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.2	78.5
134	26.2	13.6	40.7





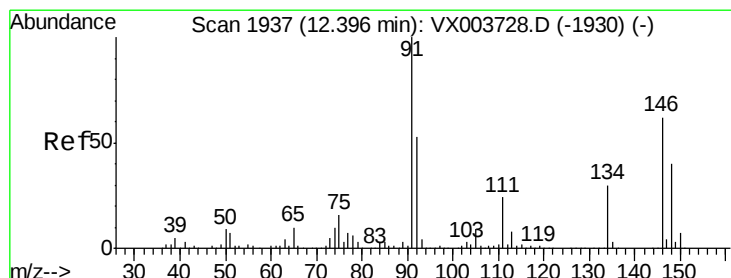
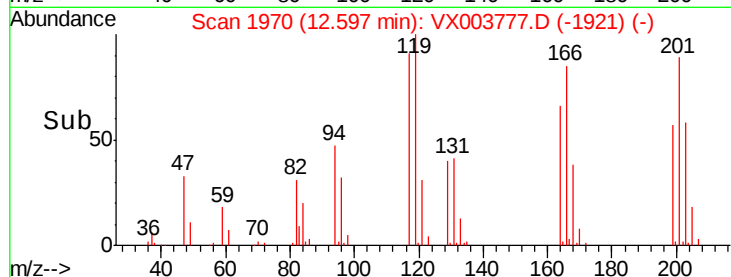
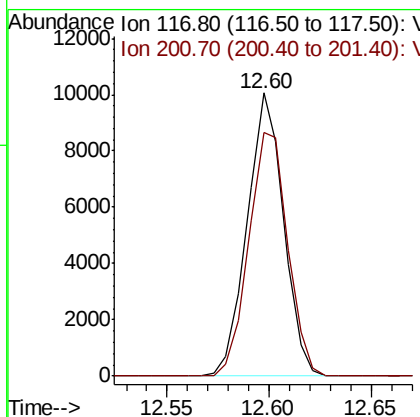
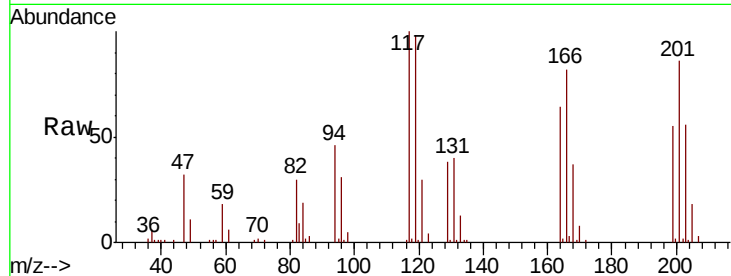
#90
Hexachloroethane
Concen: 41.51 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	12465		
166	92.2	49.3	147.8	

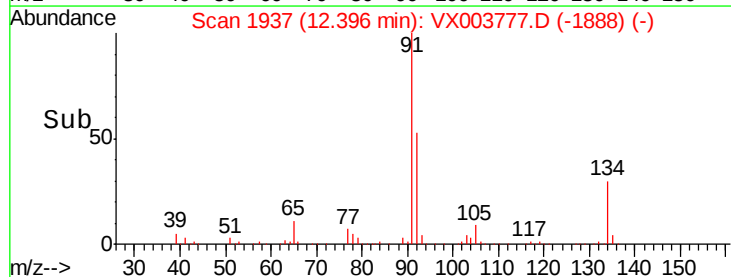
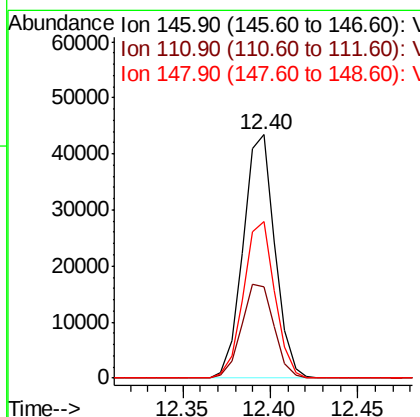
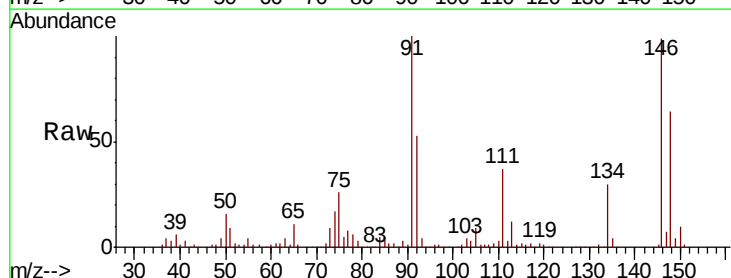
Manual Integrations
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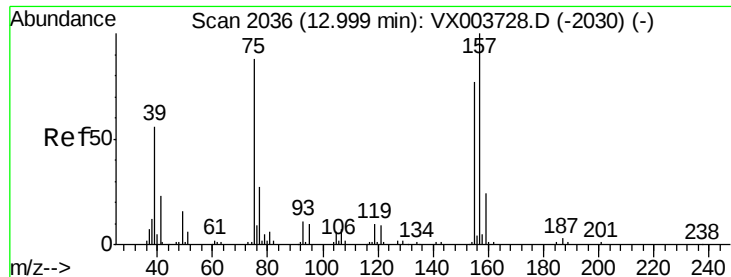
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#91
1,2-Dichlorobenzene
Concen: 53.97 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	54609		
111	39.5	19.4	58.4	
148	63.6	32.0	96.0	





#92

1,2-Dibromo-3-Chloropropane

Concen: 60.19 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

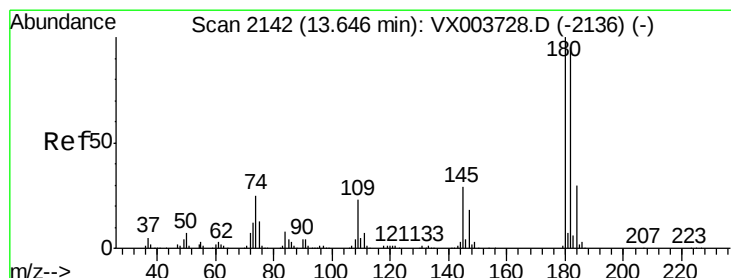
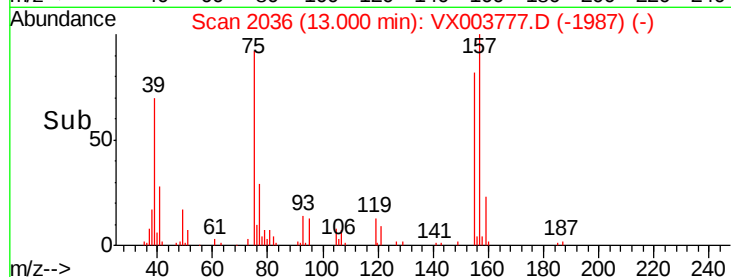
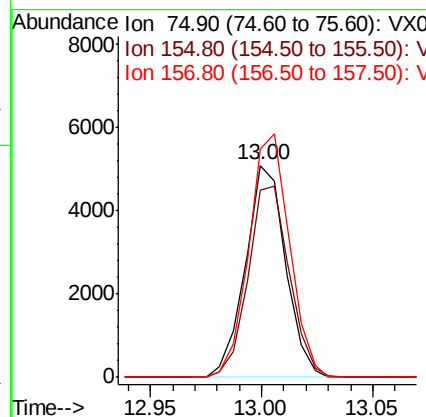
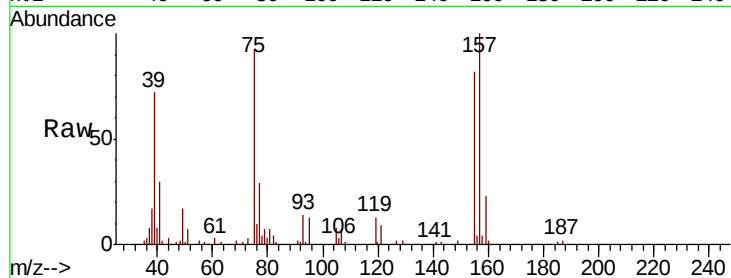
ClientSampleId :

SB-1(3-5)MS

Tot Ion:	75	Resp:	6397
Ion	Ratio	Lower	Upper
75	100		
155	93.0	48.9	146.7
157	116.1	63.7	191.1

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#93

1,2,4-Trichlorobenzene

Concen: 28.26 ug/l

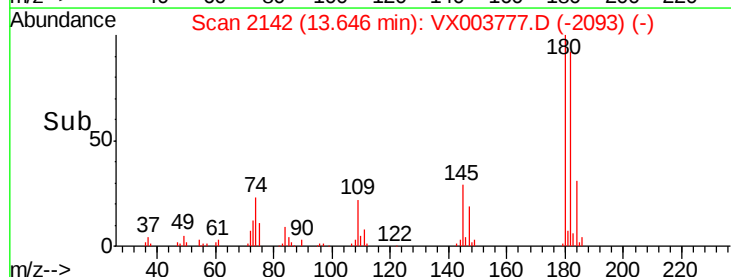
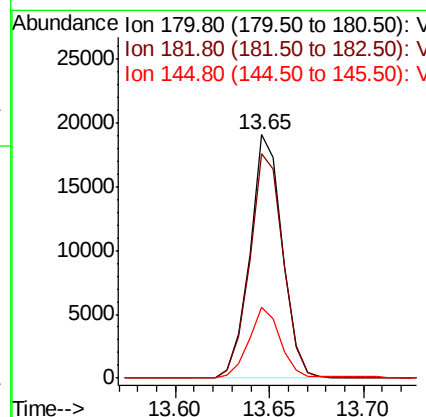
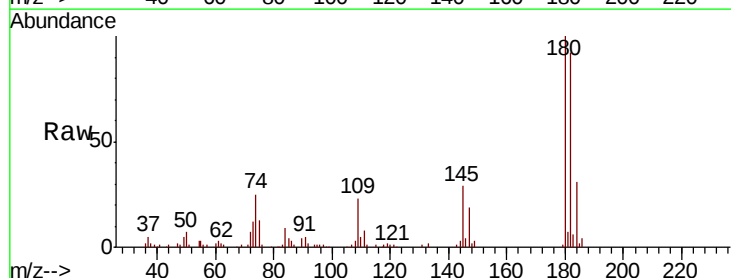
RT: 13.65 min Scan# 2142

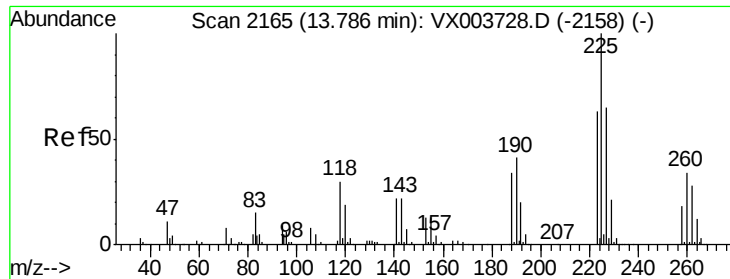
Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Tgt Ion:	180	Resp:	22685
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.9
145	28.5	14.1	42.2





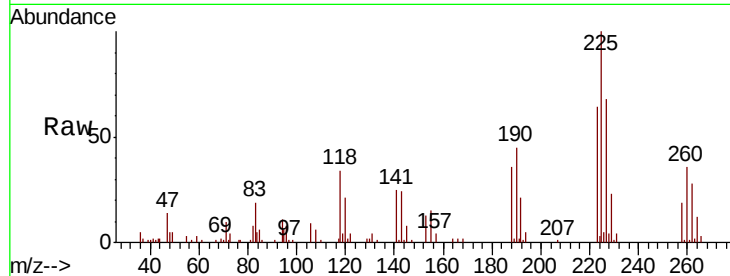
#94
Hexachlorobutadiene
Concen: 18.85 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.1	93.5
227	66.2	31.9	95.9

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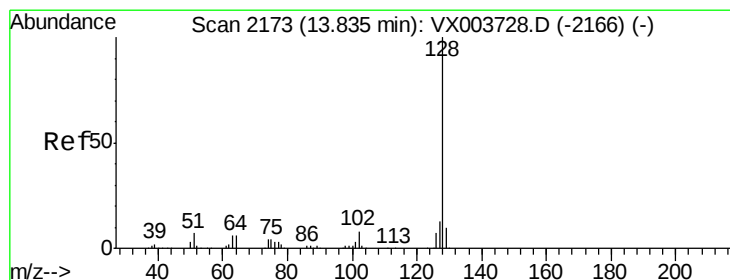
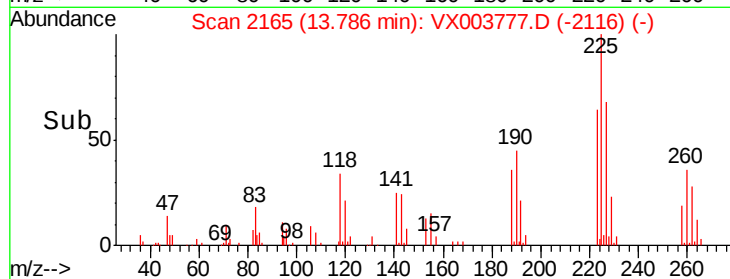
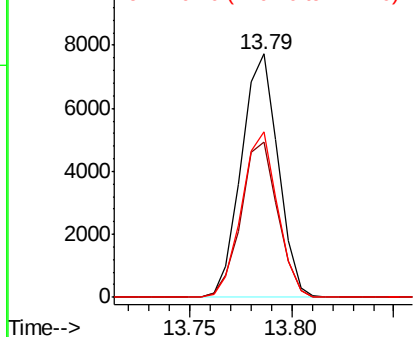


Abundance

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: 68.08 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

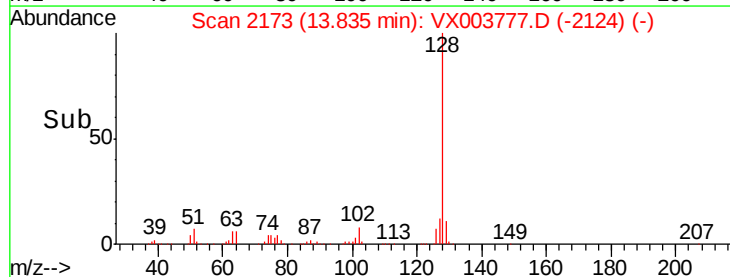
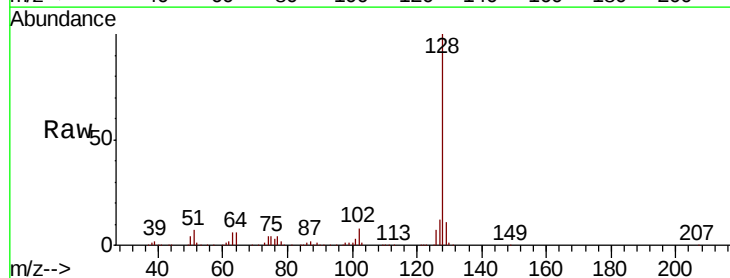
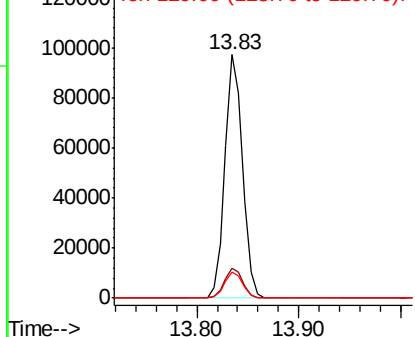
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.7	13.1

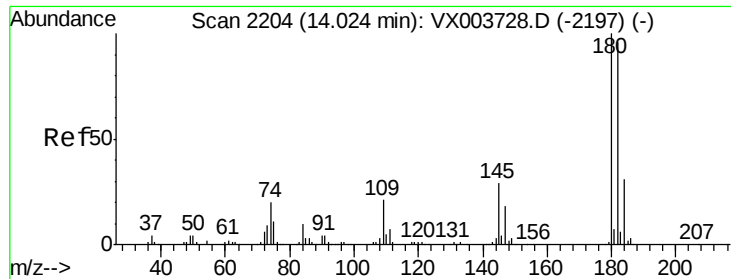
Abundance

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: 28.21 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	47.9	143.8
145	31.7	14.7	44.1

Manual Integrations
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