

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082818\
 Data File : VX004273.D
 Acq On : 28 Aug 2018 17:30
 Operator : JC/MD
 Sample : VX0828MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Manual Integrations
 APPROVED

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 8/29/2018 5:51:19 PM

Quant Time: Aug 29 00:48:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232051	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192680	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	5.50	113	157997	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	8.72	98	586659	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.14	95	224744	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56139	17.87	ug/l	96
3) Chloromethane	1.32	50	70744	20.55	ug/l	99
4) Vinyl Chloride	1.40	62	68136	19.18	ug/l	99
5) Bromomethane	1.64	94	34273	18.28	ug/l	99
6) Chloroethane	1.71	64	53044	20.22	ug/l	99
7) Trichlorofluoromethane	1.92	101	87164	17.90	ug/l	95
8) Diethyl Ether	2.19	74	47992	23.02	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52710	17.28	ug/l	99
10) Methyl Iodide	2.51	142	52048	18.10	ug/l	97
11) Tert butyl alcohol	3.09	59	95458	126.69	ug/l	100
12) 1,1-Dichloroethene	2.37	96	54130	18.84	ug/l	98
13) Acrolein	2.29	56	23284	128.18	ug/l	95
14) Allyl chloride	2.72	41	109147	20.68	ug/l	98
15) Acrylonitrile	3.15	53	218887	117.30	ug/l	100
16) Acetone	2.45	43	181668	121.76	ug/l	99
17) Carbon Disulfide	2.56	76	129699	16.79	ug/l	99
18) Methyl Acetate	2.78	43	142825	27.23	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	222081	23.46	ug/l	97
20) Methylene Chloride	2.85	84	83764	24.62	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	62192	19.56	ug/l	97
22) Diisopropyl ether	3.87	45	215531	21.87	ug/l	98
23) Vinyl Acetate	3.82	43	864726	108.25	ug/l	100
24) 1,1-Dichloroethane	3.70	63	124119	21.61	ug/l	99
25) 2-Butanone	4.71	43	287843	120.05	ug/l	99
26) 2,2-Dichloropropane	4.58	77	73185	16.25	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	75371	20.90	ug/l	98
28) Bromochloromethane	5.02	49	57250	22.51	ug/l	99
29) Tetrahydrofuran	5.17	42	181884	119.77	ug/l	99
30) Chloroform	5.21	83	122821	21.33	ug/l	100
31) Cyclohexane	5.57	56	86342	17.42	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	93906	19.56	ug/l	99
36) 1,1-Dichloropropene	5.80	75	81983	17.11	ug/l	99
37) Ethyl Acetate	4.87	43	101504	21.54	ug/l	99
38) Carbon Tetrachloride	5.78	117	76926	17.06	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78215	14.30	ug/l	99
40) Benzene	6.14	78	280759	19.61	ug/l	100
41) Methacrylonitrile	5.07	41	59193	21.67	ug/l	99
42) 1,2-Dichloroethane	6.20	62	99221	20.31	ug/l	100
43) Isopropyl Acetate	6.47	43	156311	21.58	ug/l	100
44) Trichloroethene	7.21	130	73624	18.58	ug/l	97
45) 1,2-Dichloropropane	7.52	63	72807	20.32	ug/l	97
46) Dibromomethane	7.66	93	47138	19.75	ug/l	97
47) Bromodichloromethane	7.90	83	84639	19.06	ug/l	98
48) Methyl methacrylate	7.78	41	81707	21.09	ug/l	99
49) 1,4-Dioxane	7.76	88	40826	464.05	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	552679	105.04	ug/l	100
52) Toluene	8.79	92	175418	19.57	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	92238	18.81	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	104739	19.61	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	75576	20.89	ug/l	98
56) Ethyl methacrylate	9.18	69	104695	21.26	ug/l	99
57) 1,3-Dichloropropane	9.37	76	126324	20.71	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	279484	110.74	ug/l	99
59) 2-Hexanone	9.50	43	428971	106.86	ug/l	99
60) Dibromochloromethane	9.59	129	67498	19.15	ug/l	100
61) 1,2-Dibromoethane	9.68	107	77192	20.62	ug/l	99
64) Tetrachloroethene	9.34	164	73771	18.75	ug/l	97
65) Chlorobenzene	10.14	112	194134	19.42	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	64758	18.78	ug/l	97
67) Ethyl Benzene	10.26	91	309352	19.06	ug/l	97
68) m/p-Xylenes	10.36	106	248298	39.12	ug/l	98
69) o-Xylene	10.70	106	125011	20.82	ug/l	99
70) Styrene	10.71	104	205057	21.09	ug/l	99
71) Bromoform	10.86	173	52433	18.87	ug/l #	99
73) Isopropylbenzene	11.02	105	314916	20.66	ug/l	100
74) N-amyl acetate	10.90	43	131132	22.35	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	118422	22.20	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	105686m	22.39	ug/l	
77) Bromobenzene	11.26	156	92847	21.72	ug/l	99
78) n-propylbenzene	11.36	91	353879	20.19	ug/l	100
79) 2-Chlorotoluene	11.42	91	227264	21.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	263062	20.84	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	28400	19.52	ug/l	97
82) 4-Chlorotoluene	11.51	91	264077	20.80	ug/l	99
83) tert-Butylbenzene	11.77	119	250124	19.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	280280	21.63	ug/l	100
85) sec-Butylbenzene	11.94	105	288296	19.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	245380	18.16	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	159887	19.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156775	18.47	ug/l	97
89) n-Butylbenzene	12.39	91	192595	17.53	ug/l	99
90) Hexachloroethane	12.60	117	31594	16.73	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	158504	21.55	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20411	21.73	ug/l	89

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

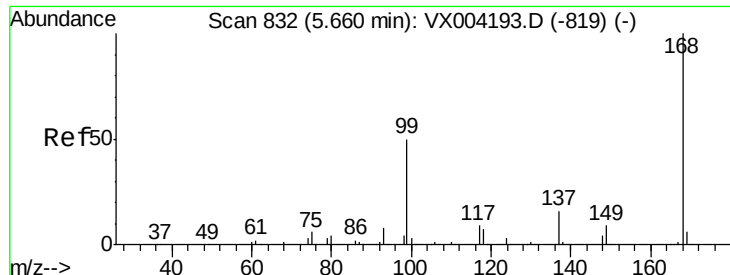
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98001	18.31	ug/l	99
94) Hexachlorobutadiene	13.79	225	36953	14.74	ug/l	98
95) Naphthalene	13.83	128	335223	22.14	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102898	18.16	ug/l	99

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



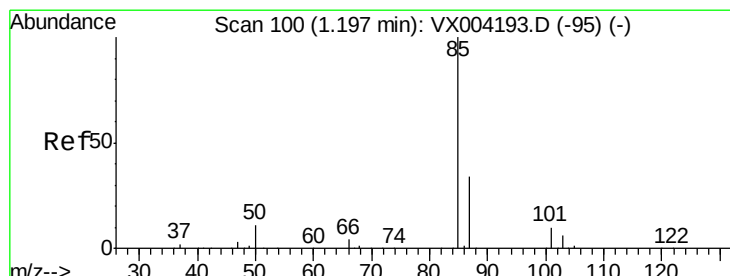
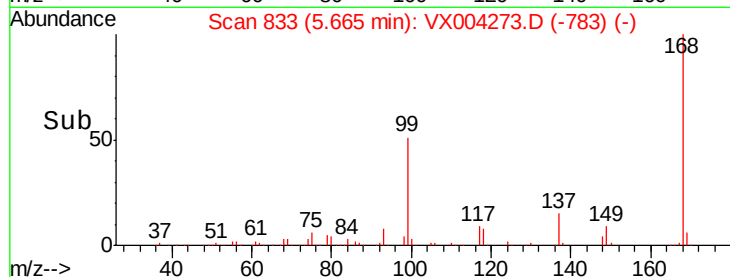
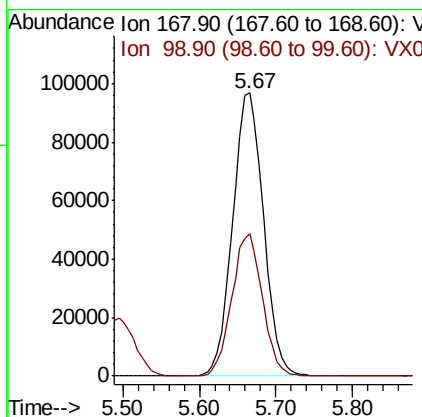
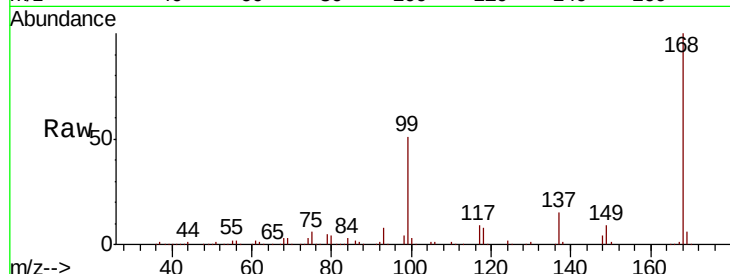
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.9	59.9

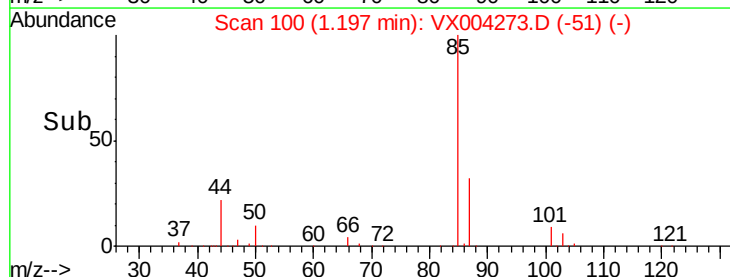
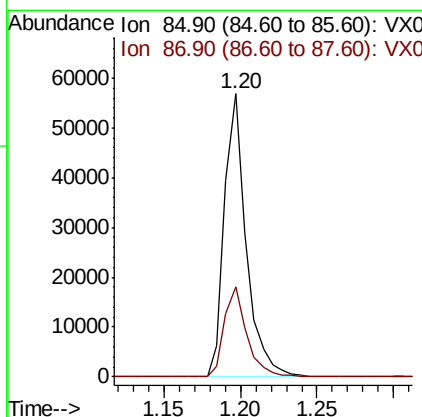
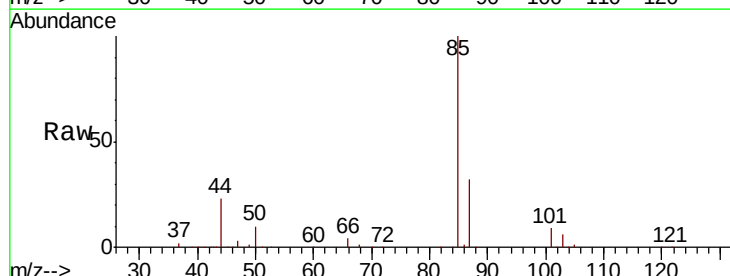
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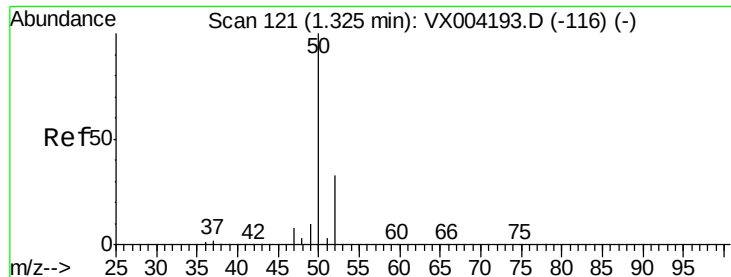
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#2
Dichlorodifluoromethane
Concen: 17.87 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	17.0	50.9





#3

Chloromethane

Concen: 20.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBS01

Tot Ion: 50 Resp: 70744

Ion Ratio Lower Upper

50 100

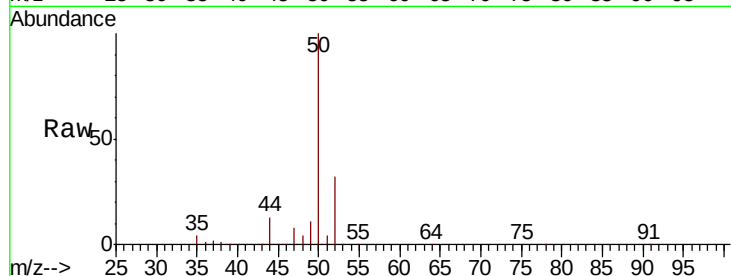
52 32.4 26.2 39.2

Manual Integrations

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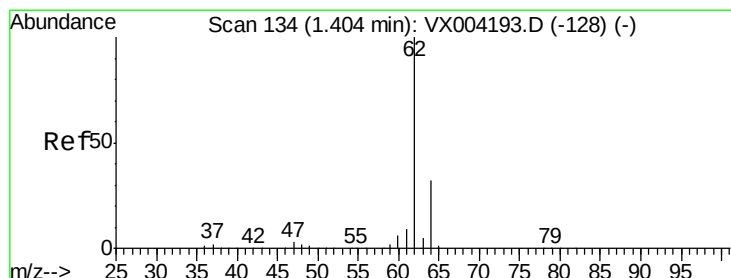
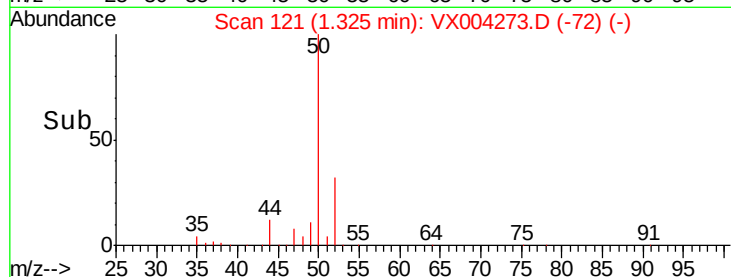
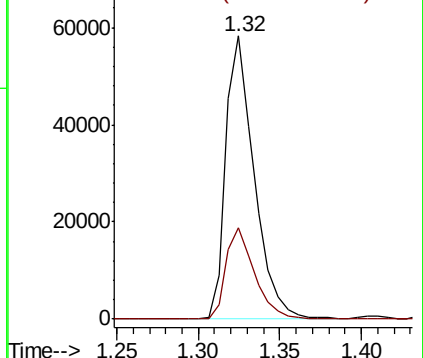
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.18 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004273.D

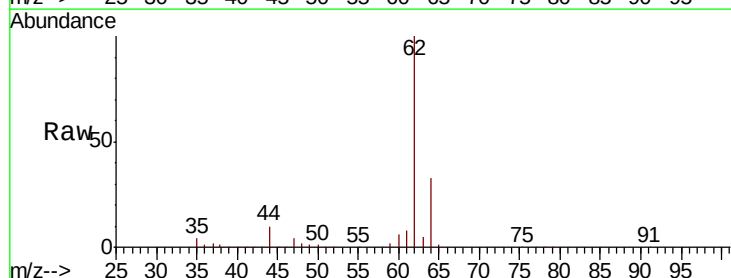
Acq: 28 Aug 2018 17:30

Tgt Ion: 62 Resp: 68136

Ion Ratio Lower Upper

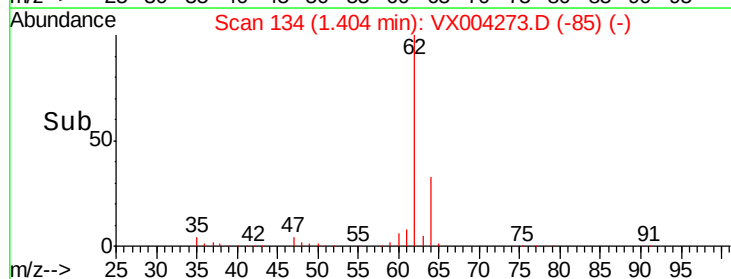
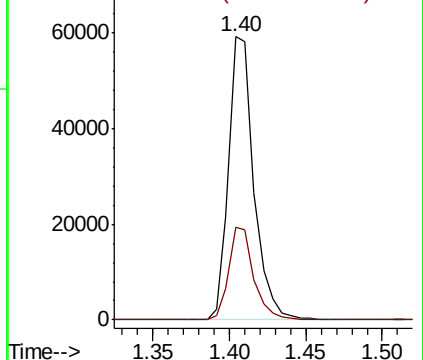
62 100

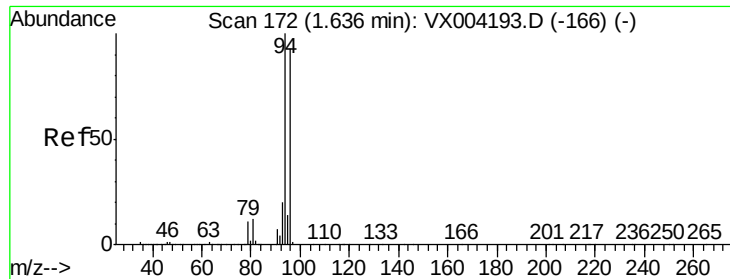
64 32.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.28 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBS01

Tot Ion: 94 Resp: 34273

Ion Ratio Lower Upper

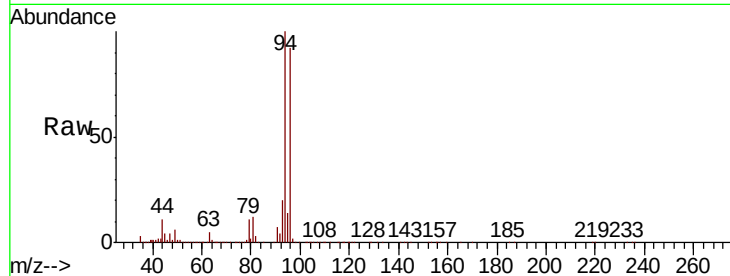
94 100

96 92.2 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

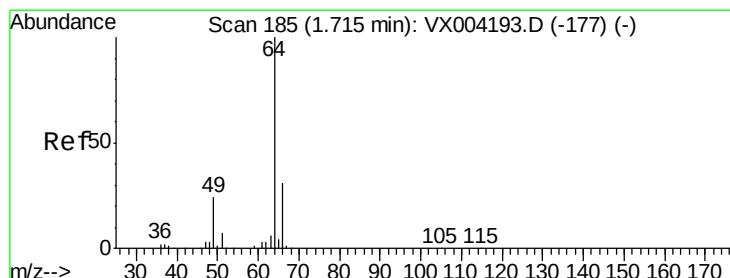
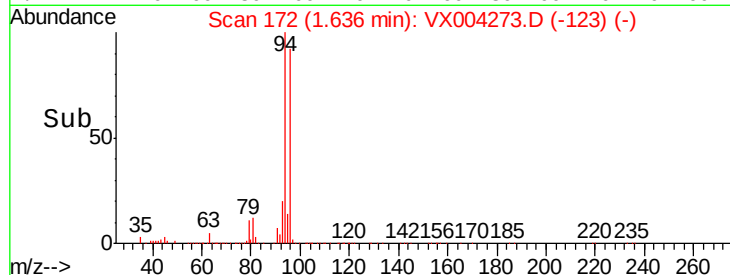
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 20.22 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004273.D

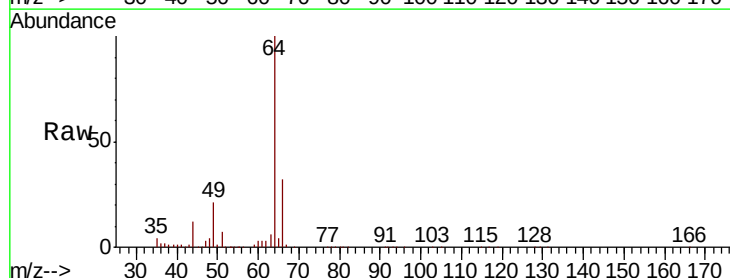
Acq: 28 Aug 2018 17:30

Tgt Ion: 64 Resp: 53044

Ion Ratio Lower Upper

64 100

66 31.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

40000

30000

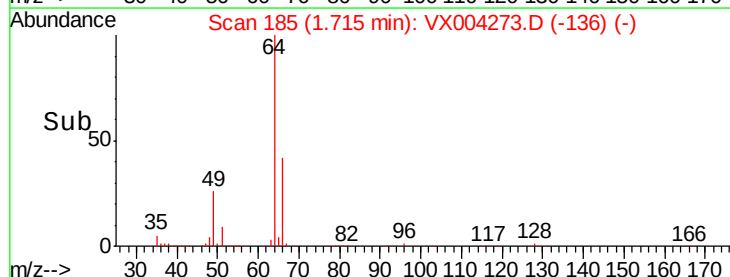
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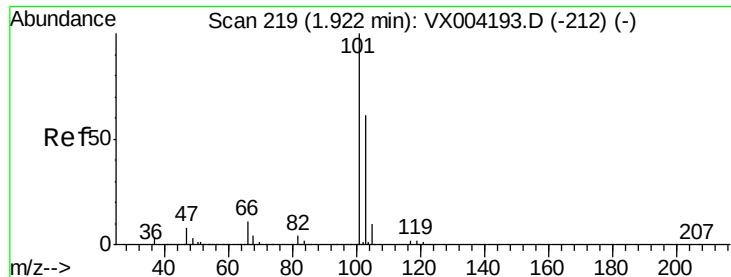
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Time-->

1.60 1.70 1.80





#7

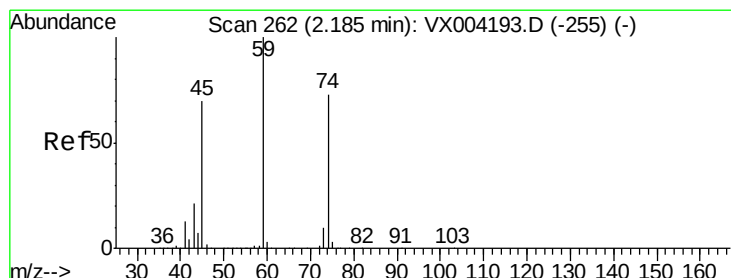
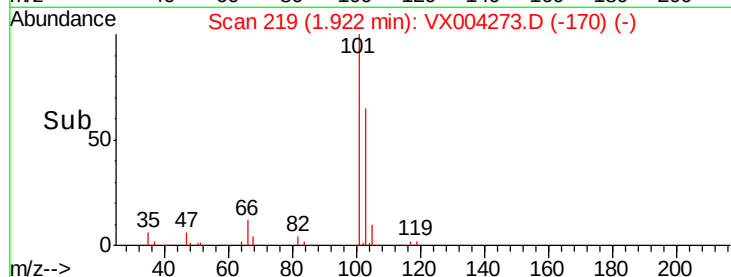
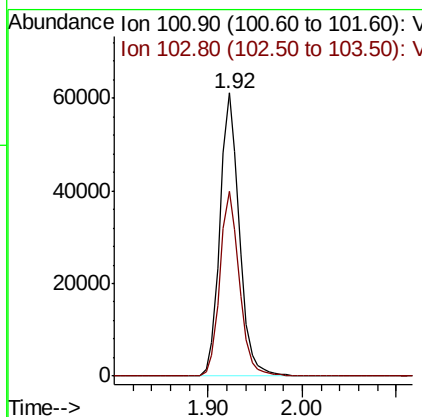
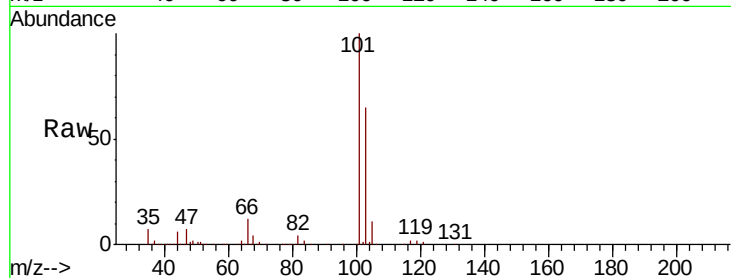
Trichlorofluoromethane
Concen: 17.90 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	48.9	73.3

Manual Integrations
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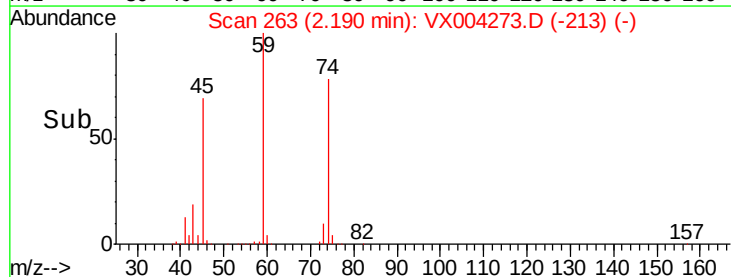
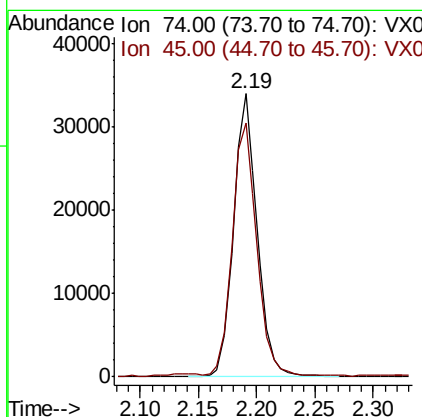
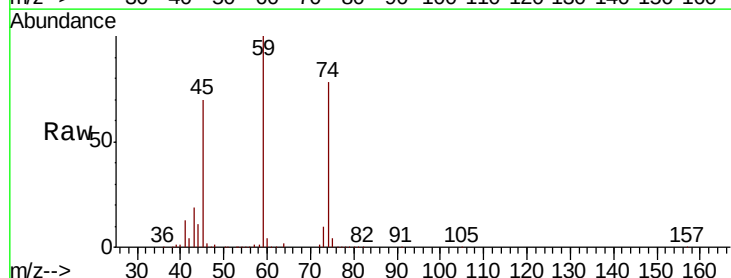
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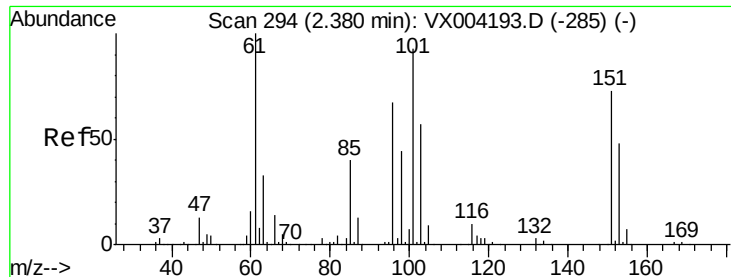


#8

Diethyl Ether
Concen: 23.02 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.01 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.7	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.28 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

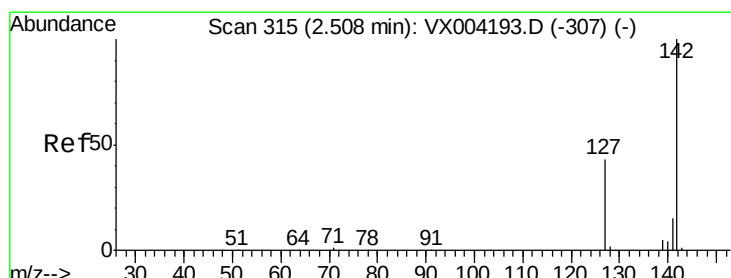
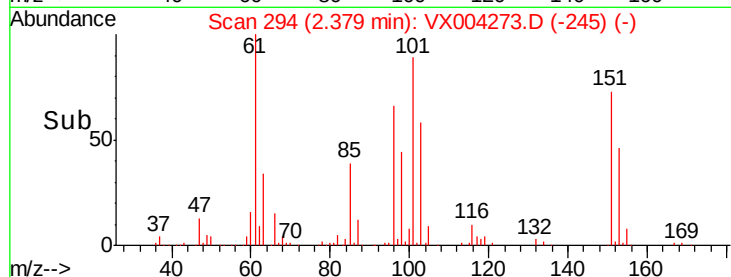
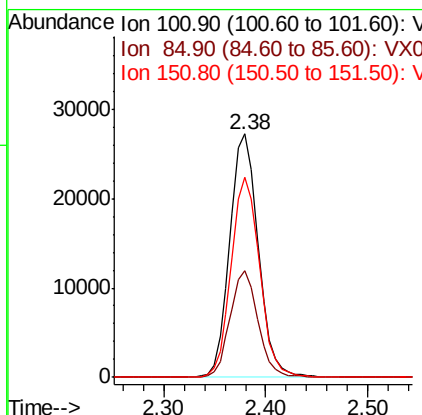
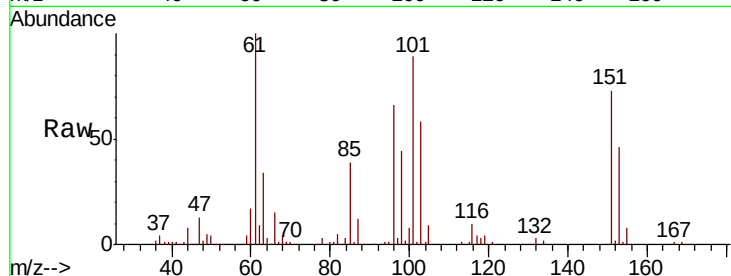
ClientSampleId :

VX0828MBS01

Tot Ion:	101	Resp:	52710
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.4
151	82.2	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.10 ug/l

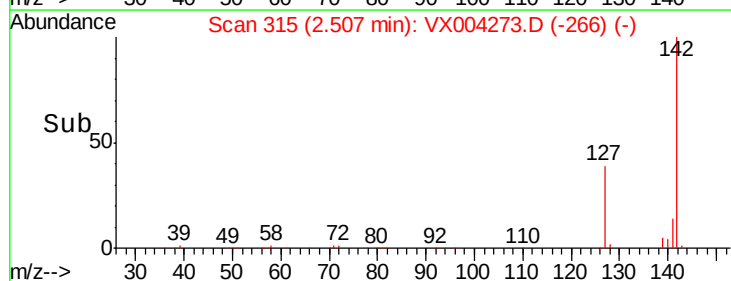
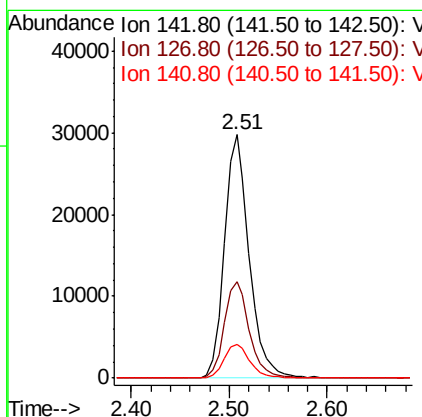
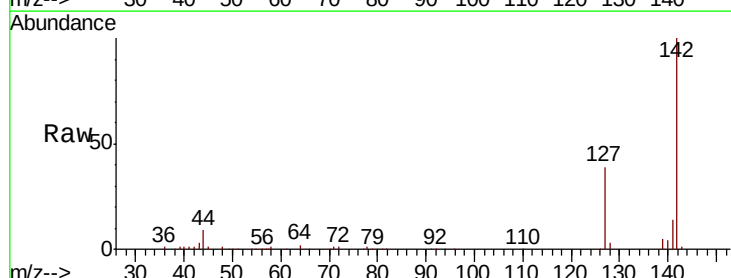
RT: 2.51 min Scan# 315

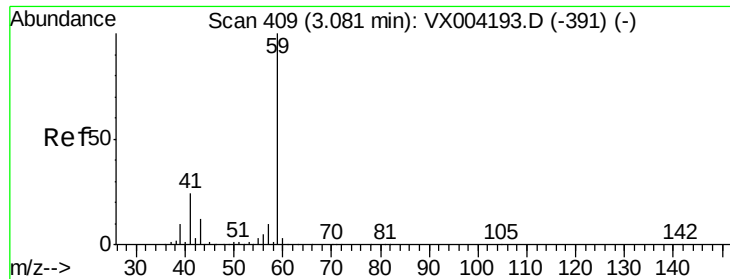
Delta R.T. 0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Tgt Ion:	142	Resp:	52048
Ion Ratio	Lower	Upper	
142	100		
127	40.3	33.8	50.6
141	14.8	11.4	17.0





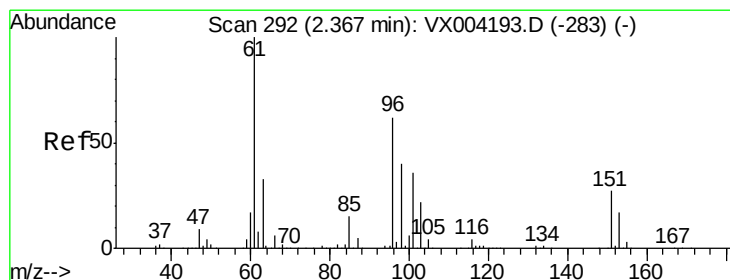
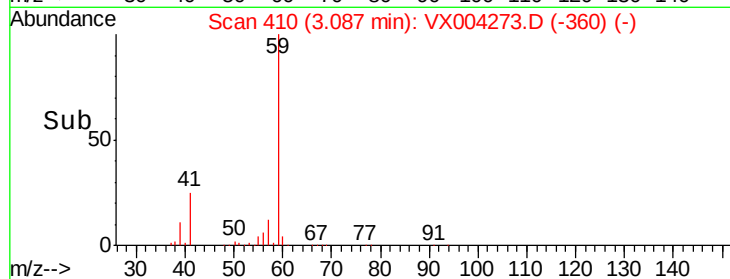
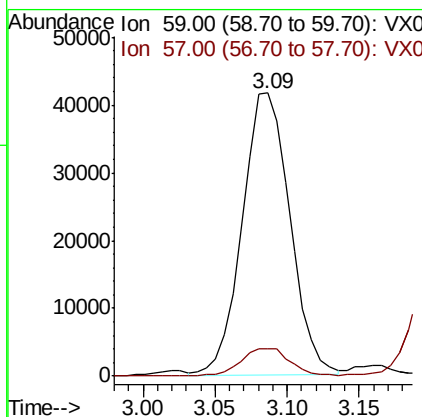
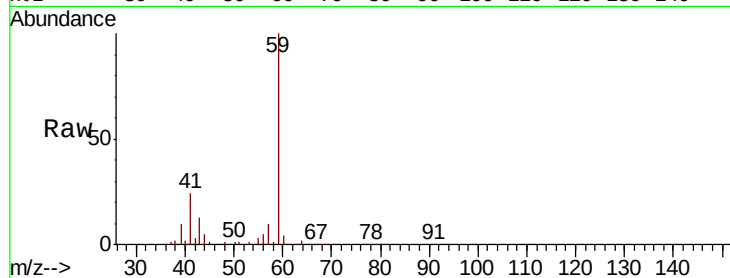
#11
Tert butyl alcohol
Concen: 126.69 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	59	Resp	95458
Ion Ratio	100	Lower	Upper
57	10.4	8.2	12.4

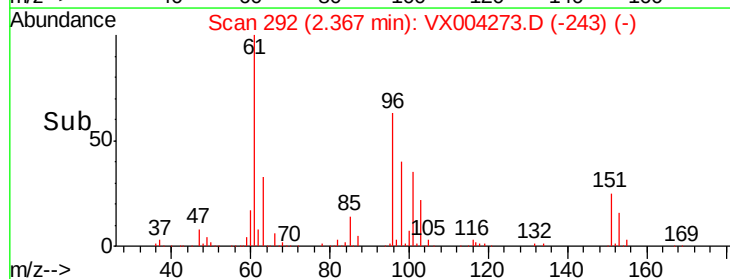
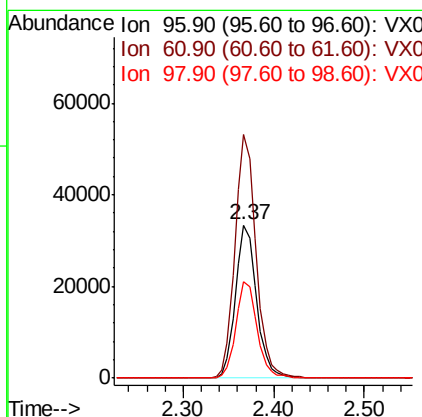
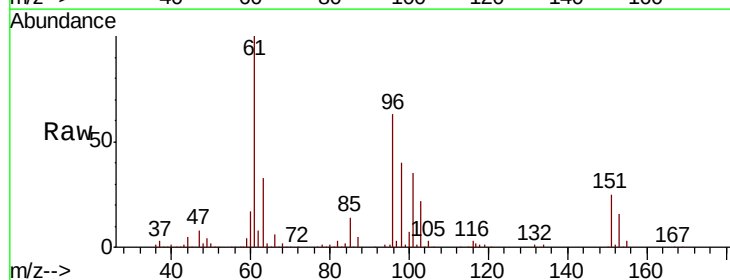
Manual Integrations
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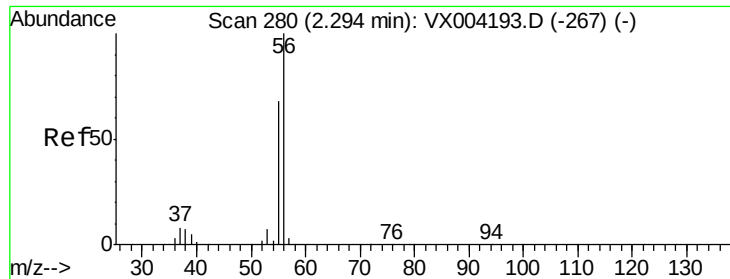
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.84 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	96	Resp	54130
Ion Ratio	100	Lower	Upper
61	158.8	128.8	193.2
98	62.9	52.2	78.2





#13

Acrolein

Concen: 128.18 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBS01

Tot Ion: 56 Resp: 23284

Ion Ratio Lower Upper

56 100

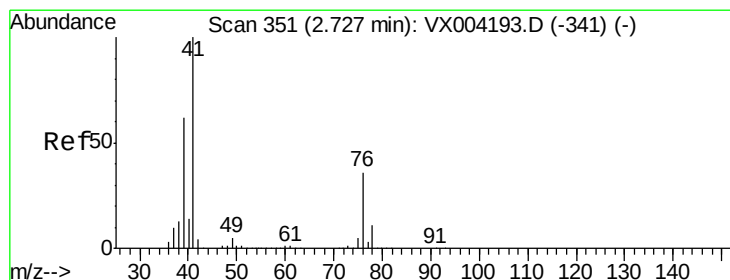
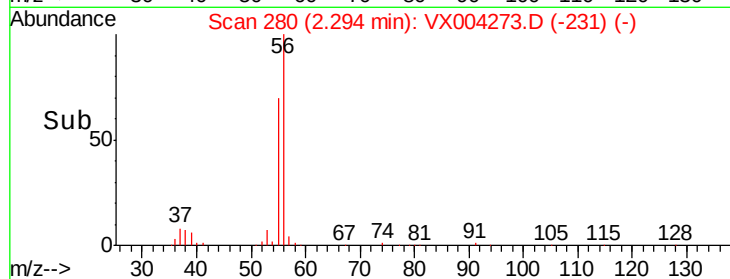
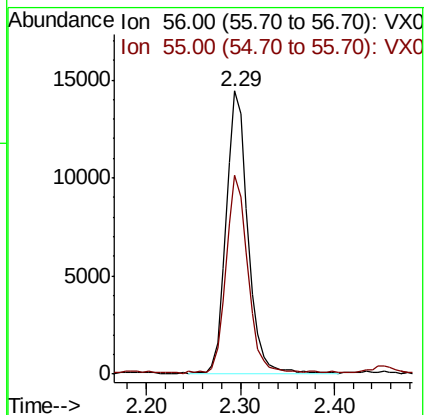
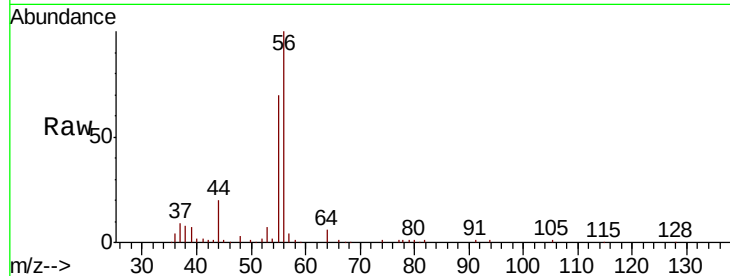
55 72.4 54.7 82.1

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#14

Allyl chloride

Concen: 20.68 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

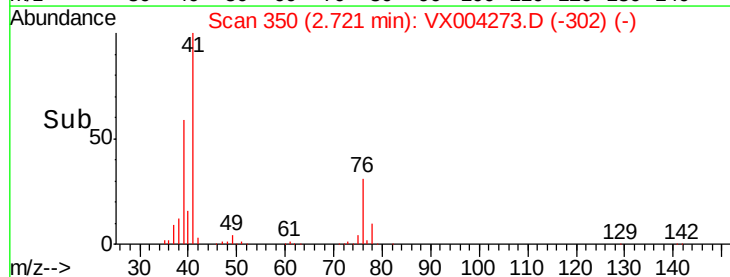
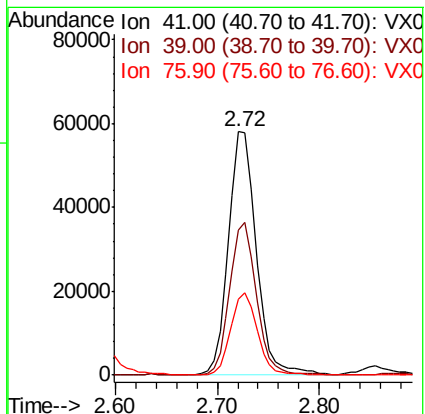
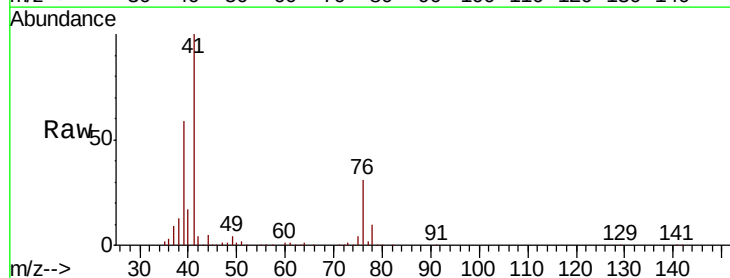
Tgt Ion: 41 Resp: 109147

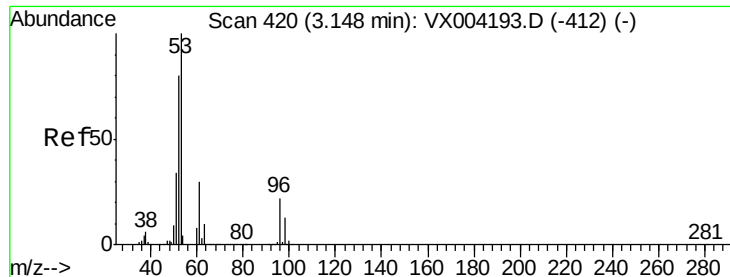
Ion Ratio Lower Upper

41 100

39 59.7 48.9 73.3

76 32.6 26.7 40.1





#15

Acrylonitrile

Concen: 117.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

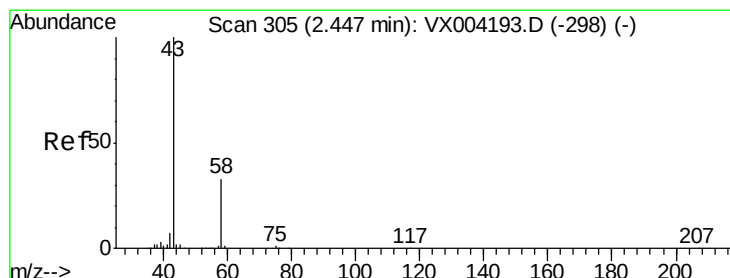
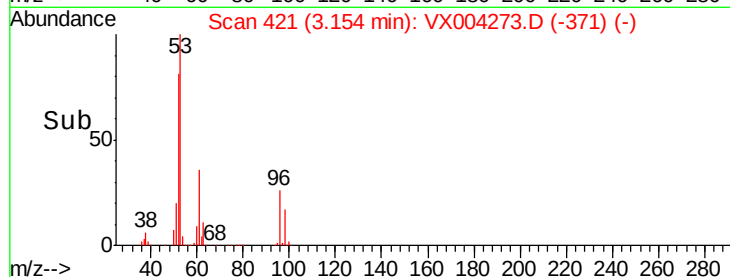
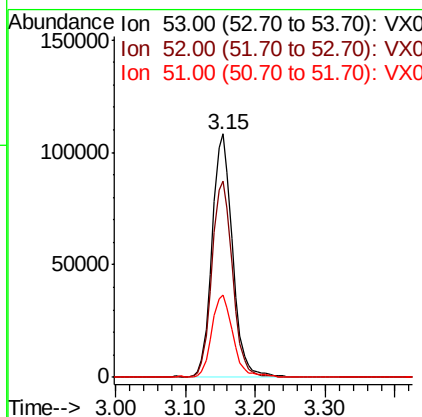
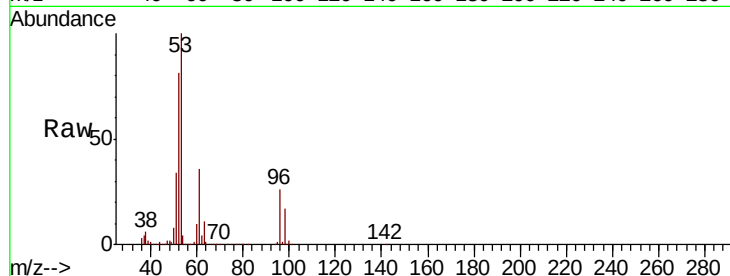
ClientSampleId :

VX0828MBS01

Tot Ion:	53	Resp:	218887
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.2	97.8
51	35.0	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 121.76 ug/l

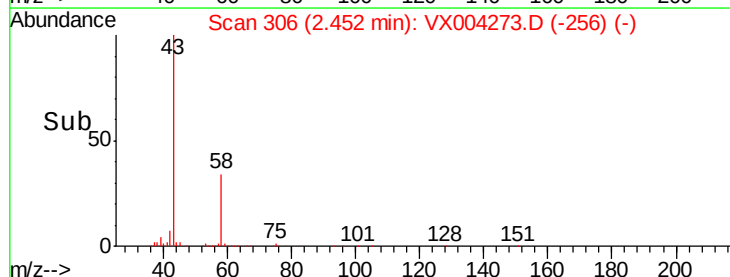
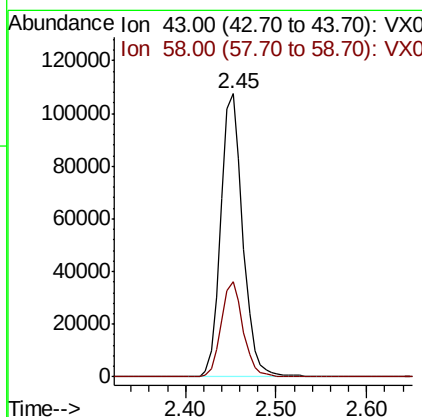
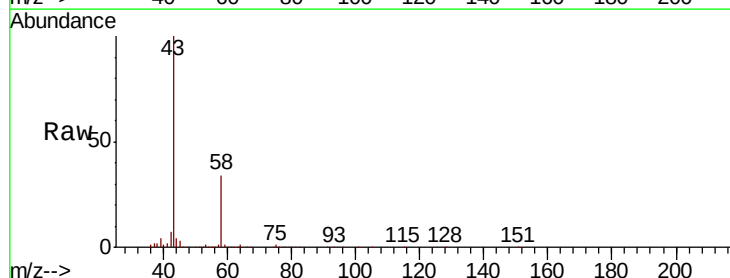
RT: 2.45 min Scan# 306

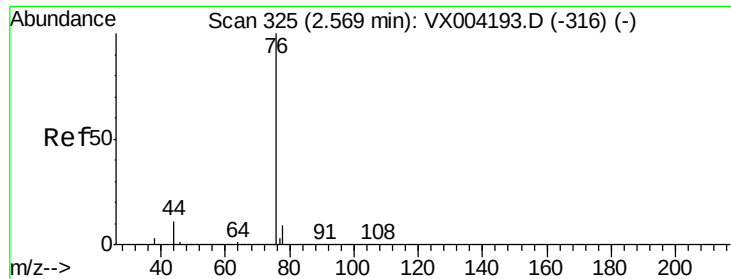
Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Tgt Ion:	43	Resp:	181668
Ion Ratio	Lower	Upper	
43	100		
58	33.5	26.2	39.4





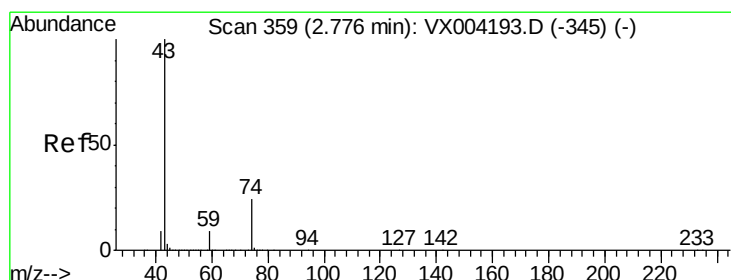
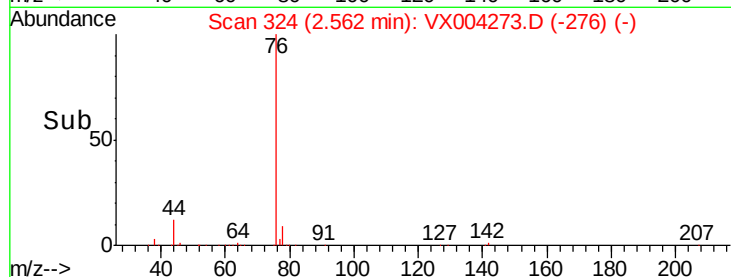
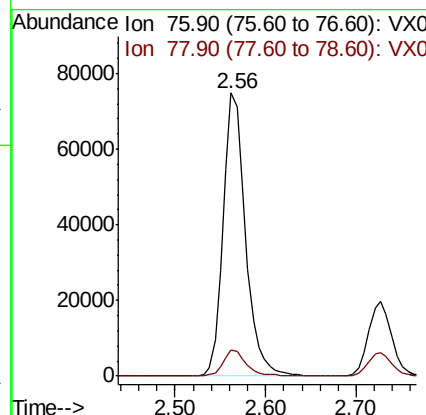
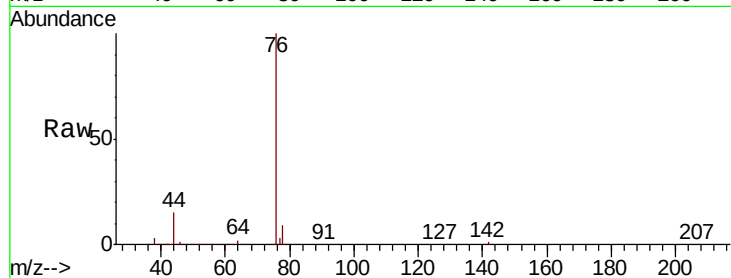
#17
Carbon Disulfide
Concen: 16.79 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

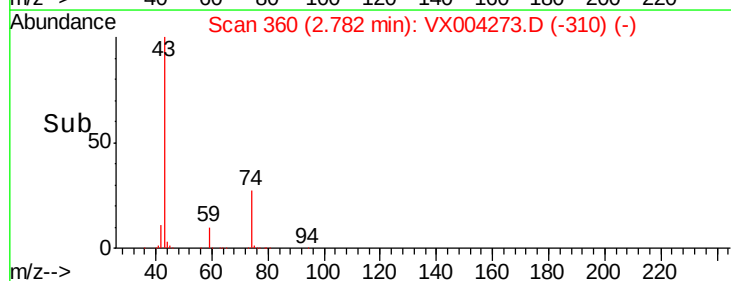
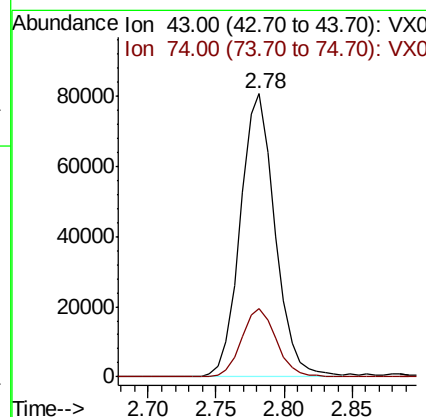
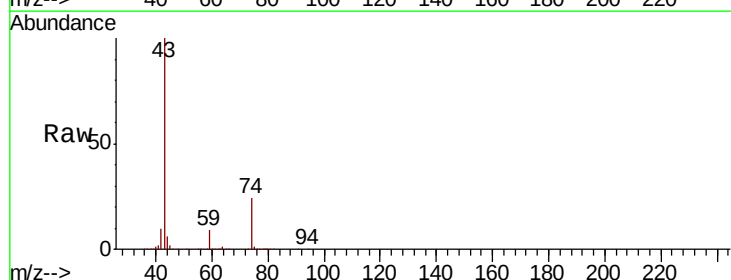
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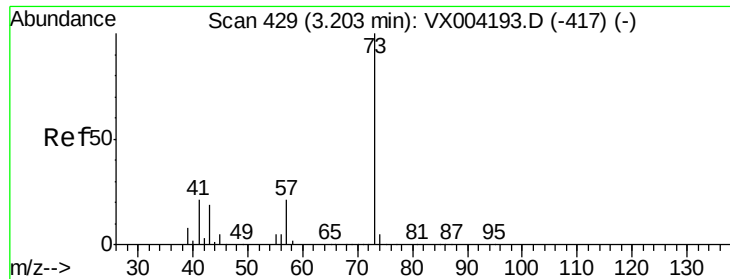
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#18
Methyl Acetate
Concen: 27.23 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.4	29.2





#19

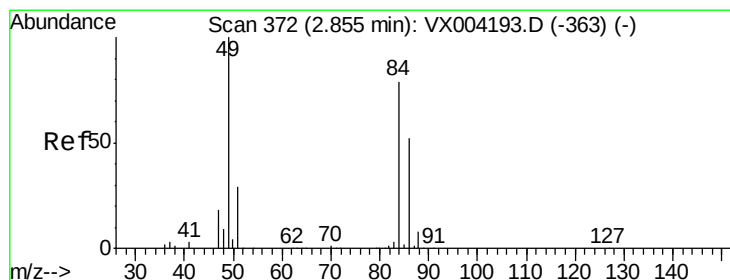
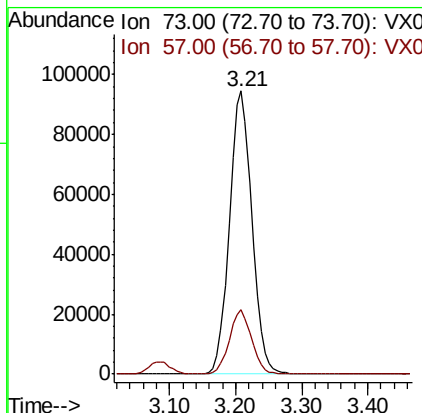
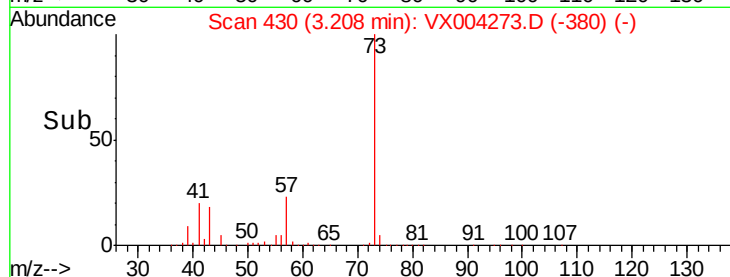
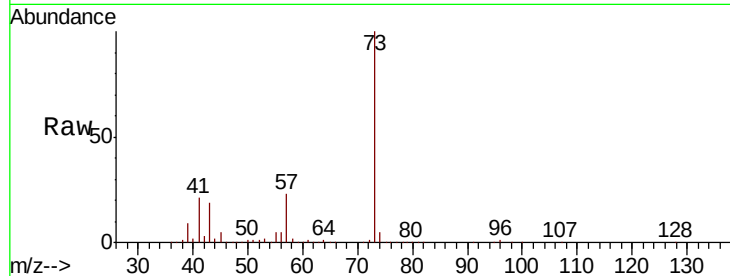
Methyl tert-butyl Ether
 Concen: 23.46 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampled :
 VX0828MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.1	25.7

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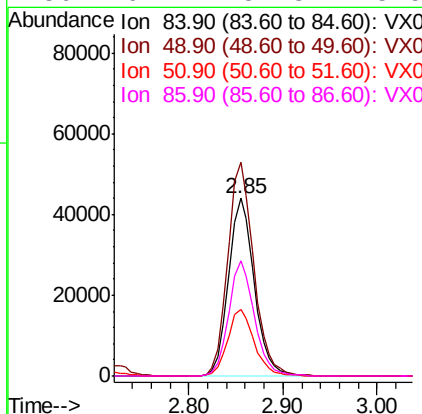
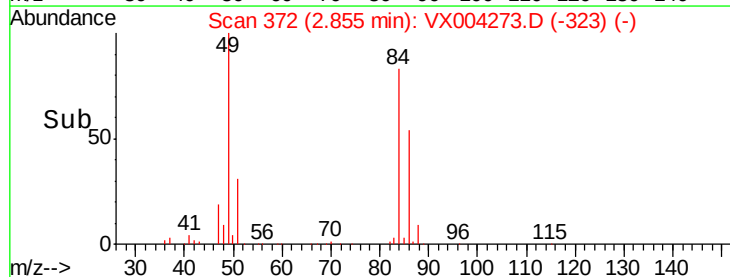
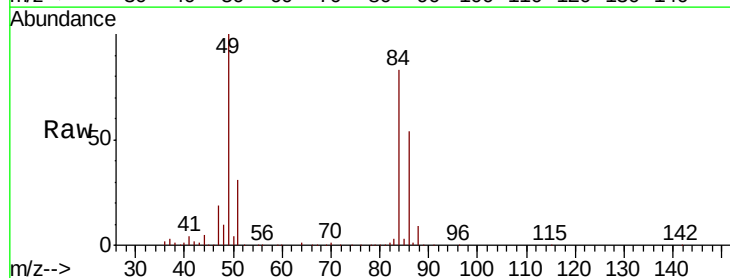
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 8/29/2018 5:51:19 PM

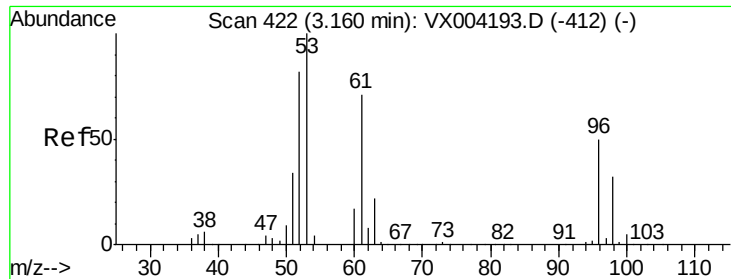


#20

Methylene Chloride
 Concen: 24.62 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.2	101.2	151.8
51	37.5	29.5	44.3
86	64.7	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 19.56 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

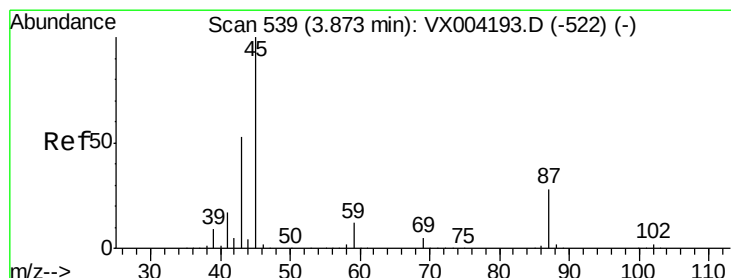
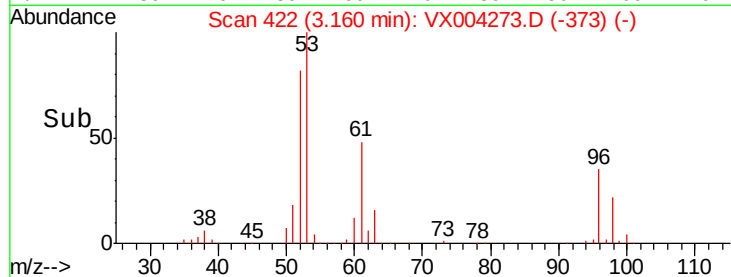
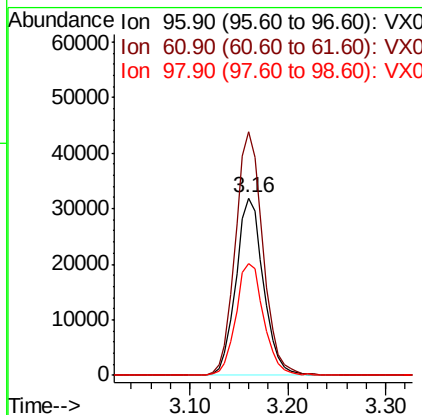
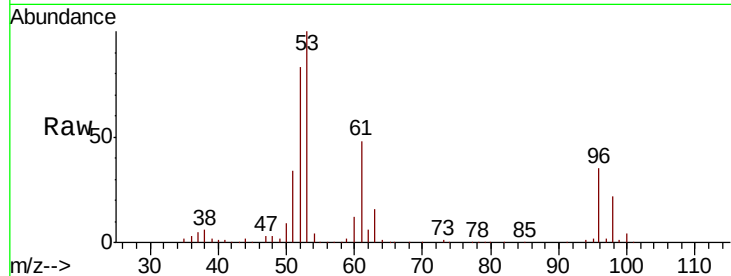
ClientSampleId :

VX0828MBS01

Tot Ion:	96	Resp:	62192
Ion	Ratio	Lower	Upper
96	100		
61	137.1	113.8	170.6
98	63.2	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.87 ug/l

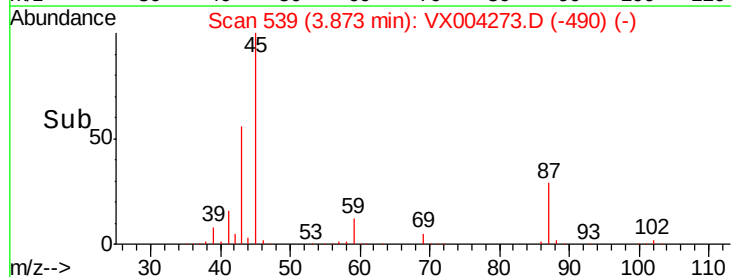
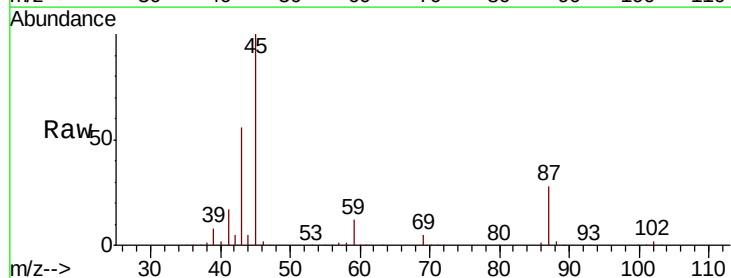
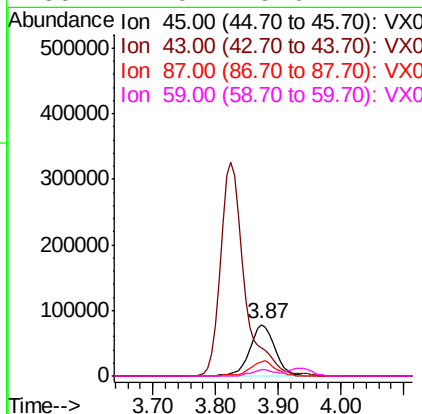
RT: 3.87 min Scan# 539

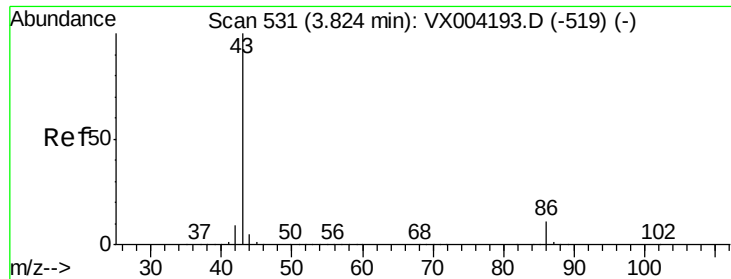
Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Tgt Ion:	45	Resp:	215531
Ion	Ratio	Lower	Upper
45	100		
43	56.0	42.8	64.2
87	28.5	22.6	34.0
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 108.25 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBS01

Tot Ion: 43 Resp: 864726

Ion Ratio Lower Upper

43 100

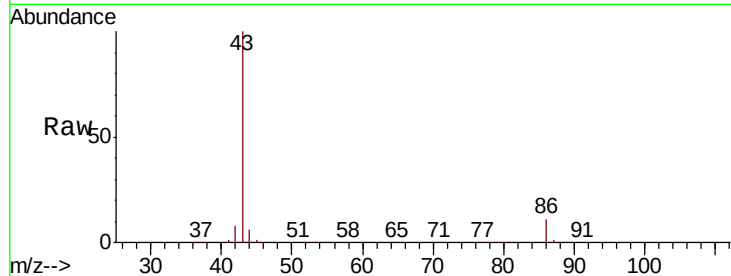
86 11.2 8.9 13.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

300000

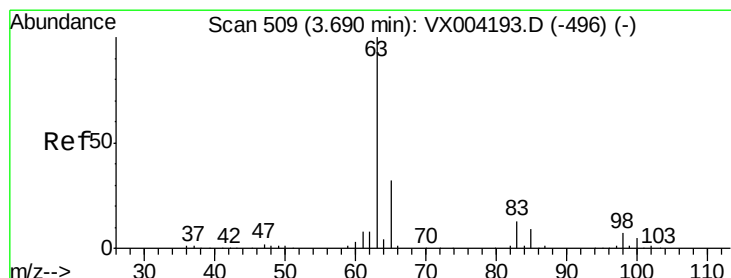
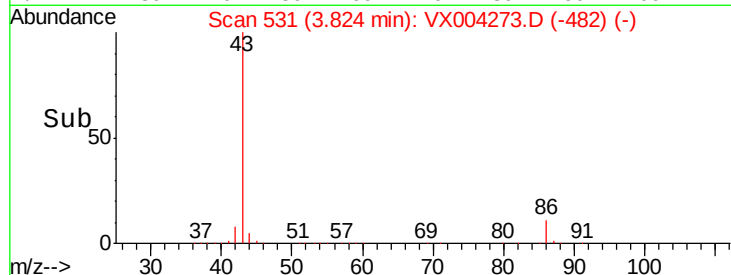
200000

100000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 21.61 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

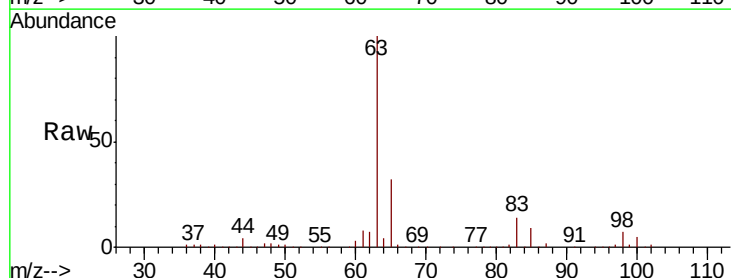
Tgt Ion: 63 Resp: 124119

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

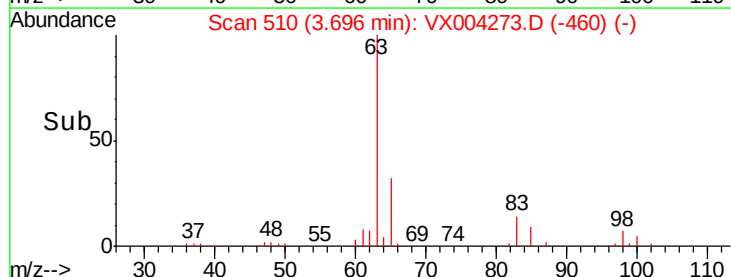
40000

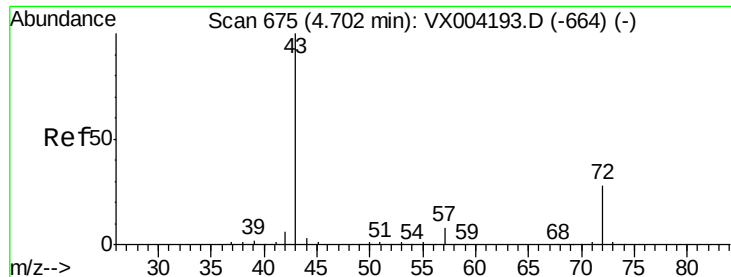
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 120.05 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBS01

Tot Ion: 43 Resp: 287843

Ion Ratio Lower Upper

43 100

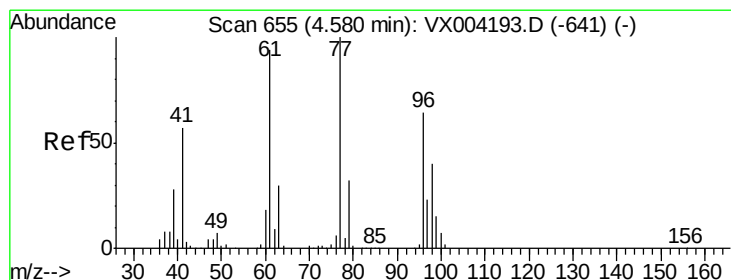
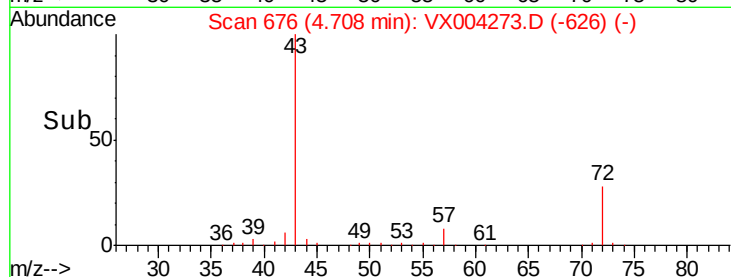
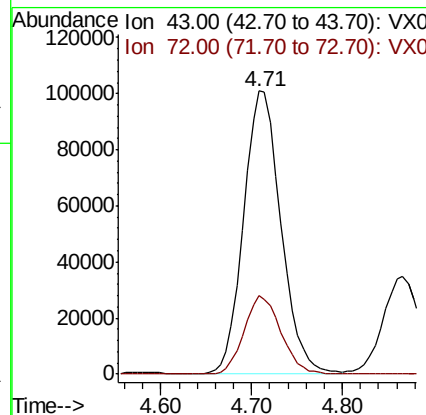
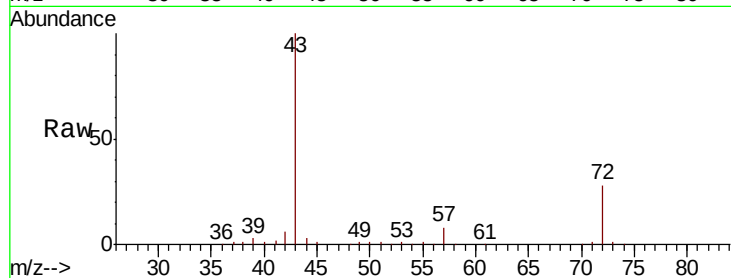
72 27.9 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.25 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004273.D

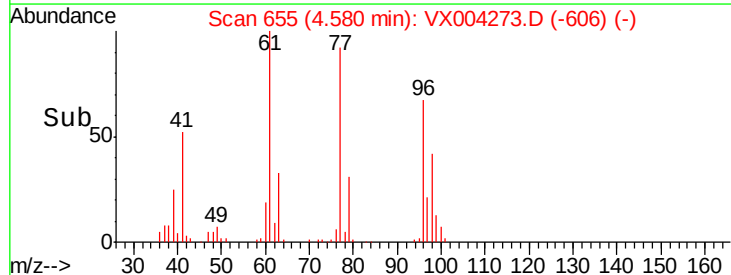
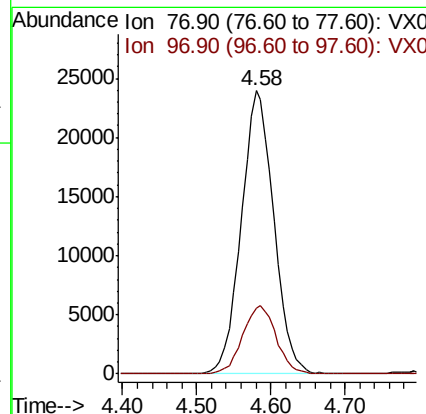
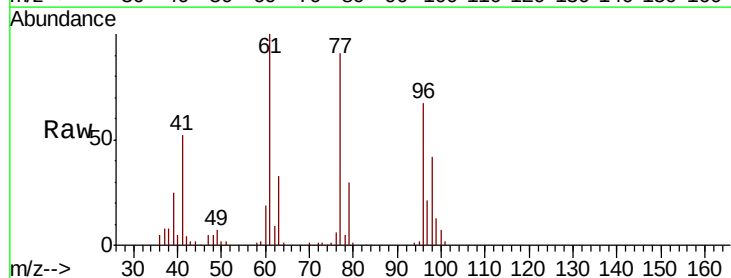
Acq: 28 Aug 2018 17:30

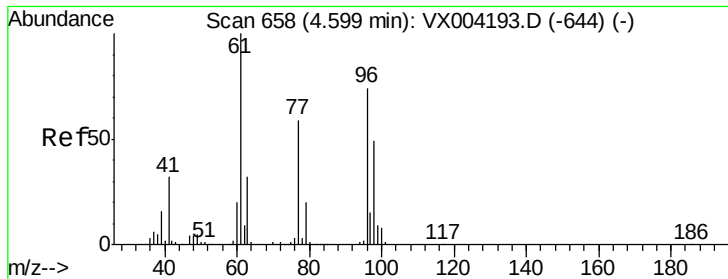
Tgt Ion: 77 Resp: 73185

Ion Ratio Lower Upper

77 100

97 24.8 11.7 35.0





#27

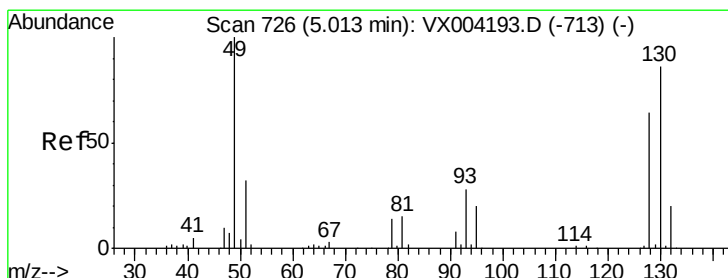
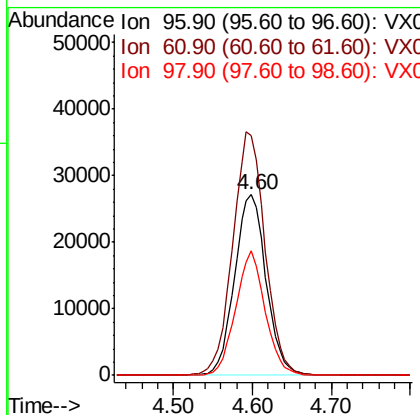
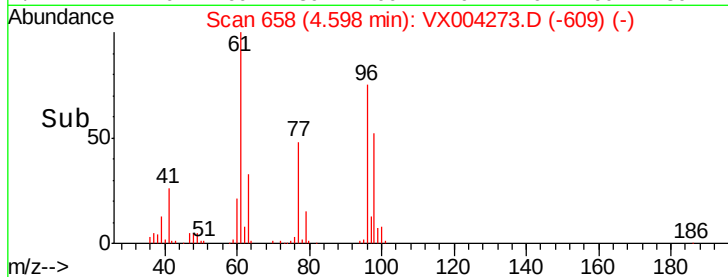
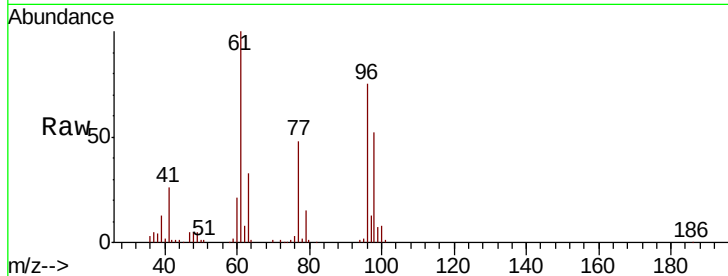
cis-1,2-Dichloroethene
 Concen: 20.90 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	282.6
98	64.6	0.0	130.2

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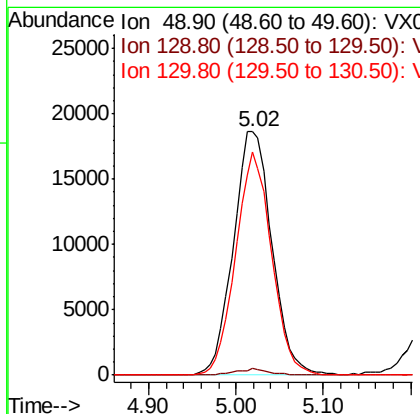
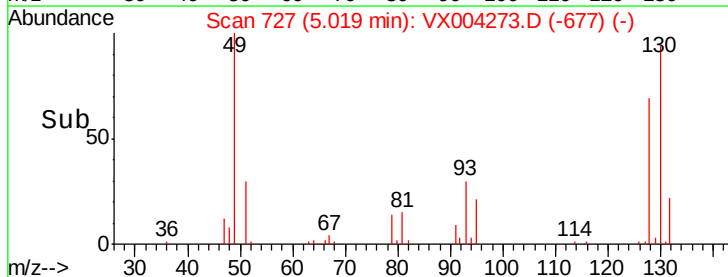
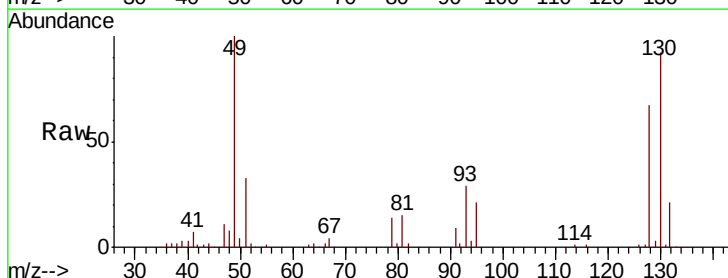
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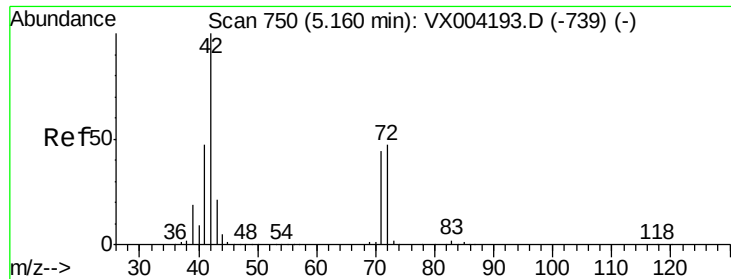


#28

Bromochloromethane
 Concen: 22.51 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	85.1	67.5	101.3





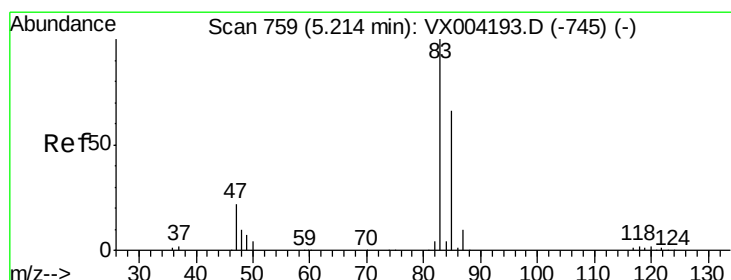
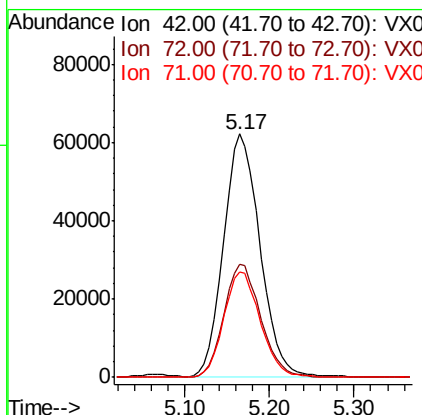
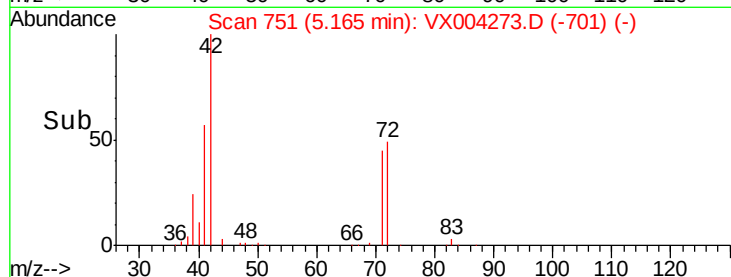
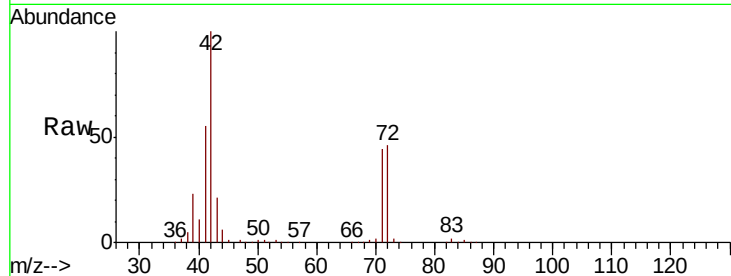
#29
Tetrahydrofuran
Concen: 119.77 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.4	56.0
71	44.0	34.5	51.7

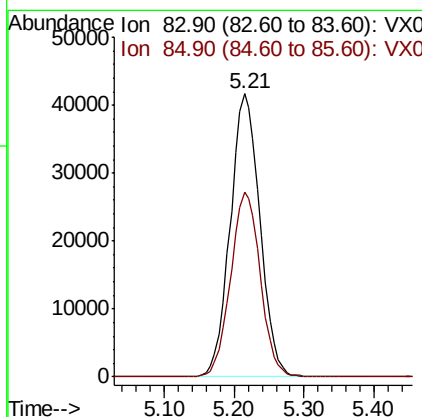
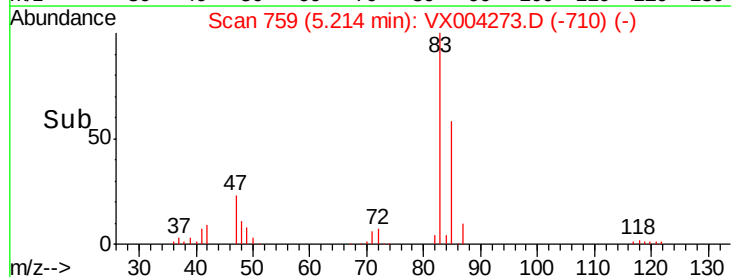
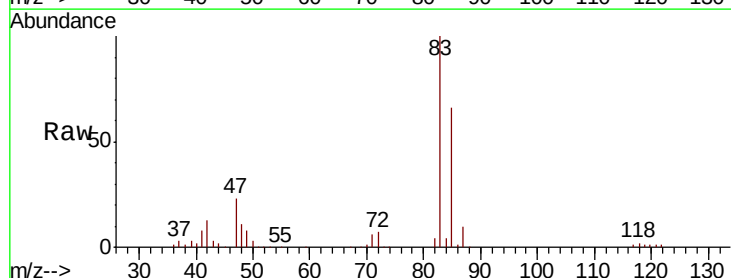
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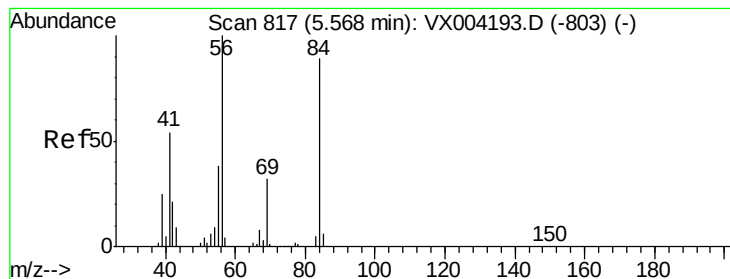
MMDadoda
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#30
Chloroform
Concen: 21.33 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.6	79.0





#31

Cyclohexane

Concen: 17.42 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

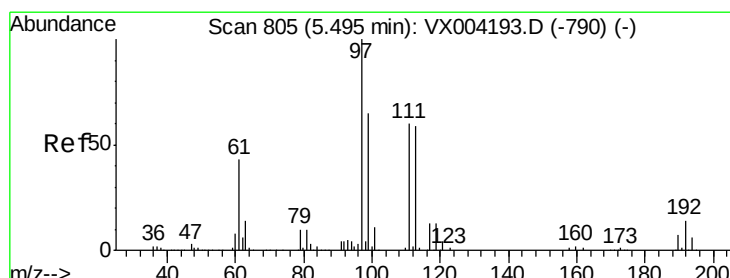
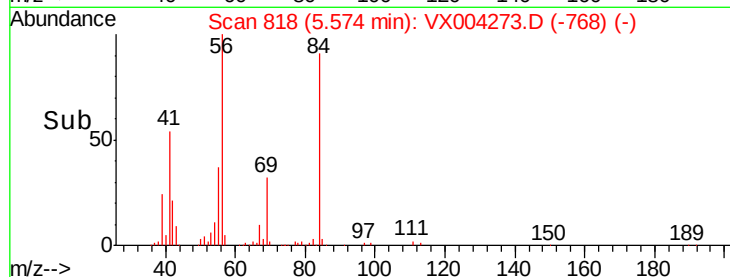
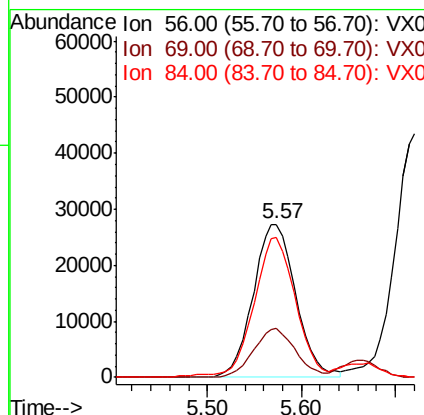
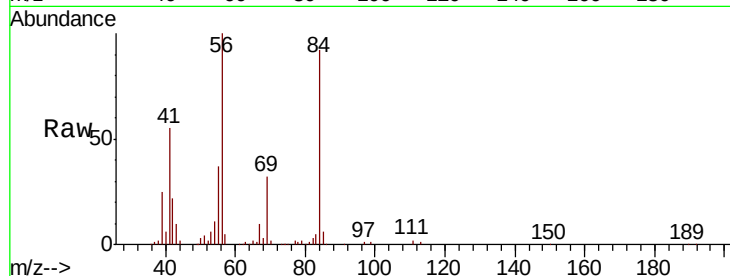
ClientSampleId :

VX0828MBS01

Tot Ion:	56	Resp:	86342
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.4	38.2
84	90.3	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.56 ug/l

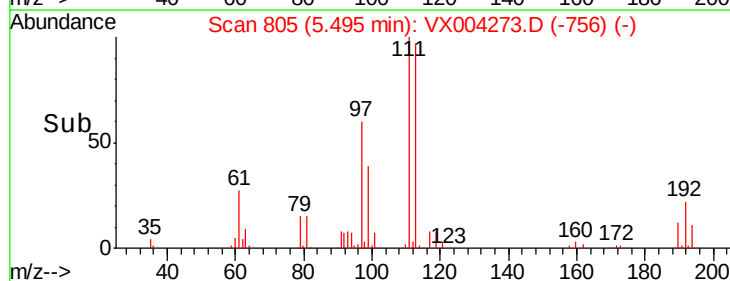
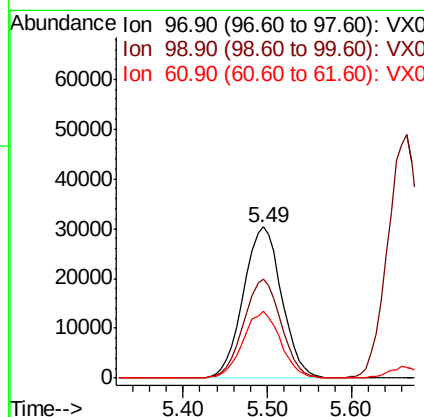
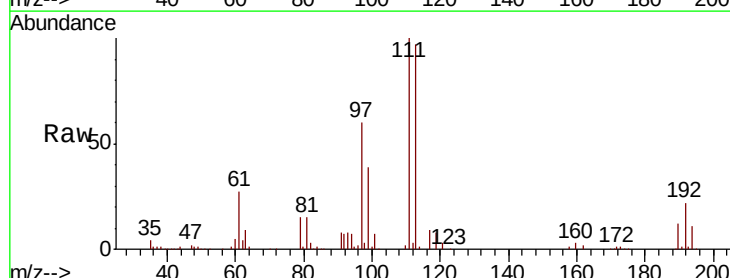
RT: 5.49 min Scan# 805

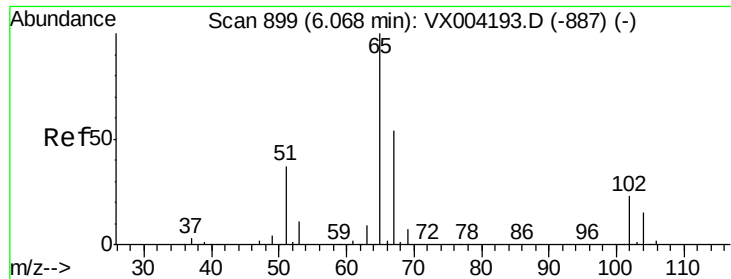
Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Tgt Ion:	97	Resp:	93906
Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.0	78.0
61	43.4	34.9	52.3





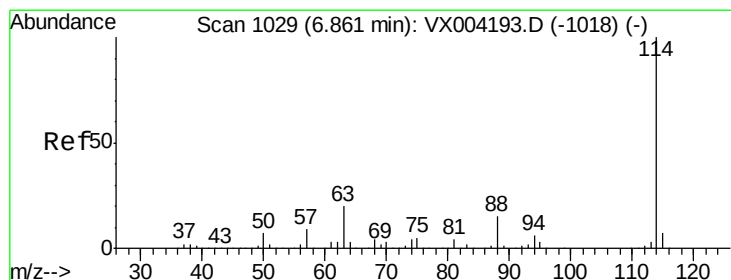
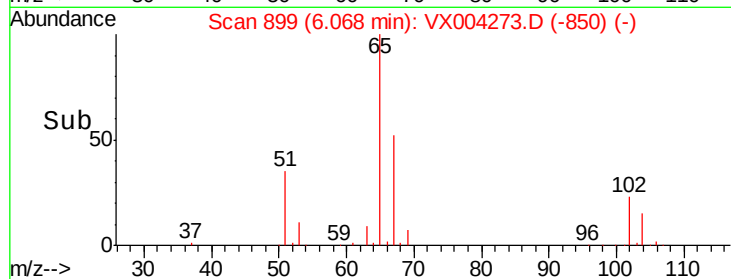
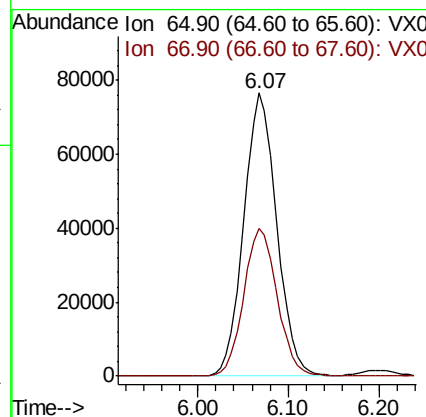
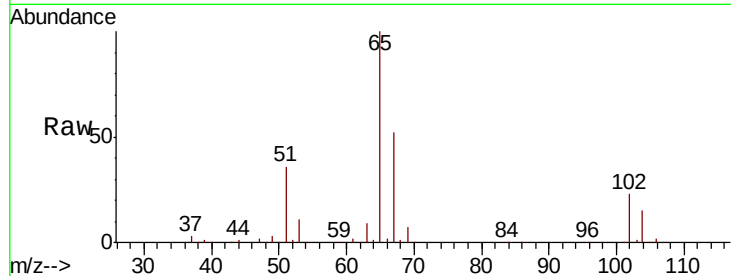
#33
 1,2-Dichloroethane-d4
 Concen: 54.51 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192680		
67	53.0	0.0	106.8	

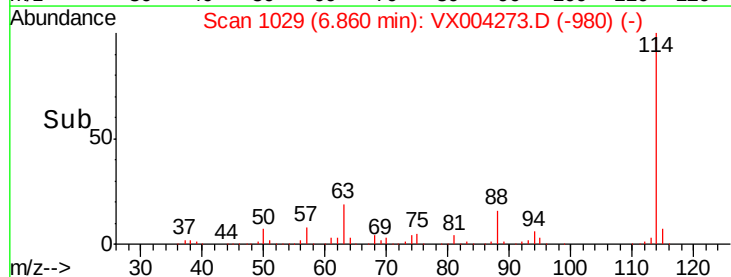
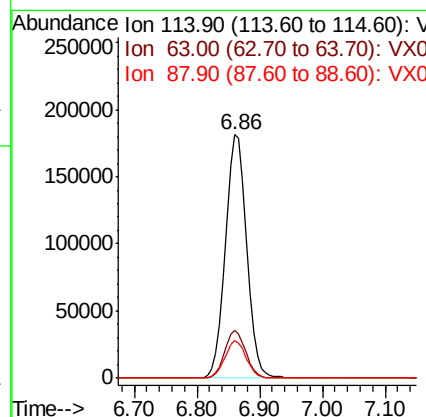
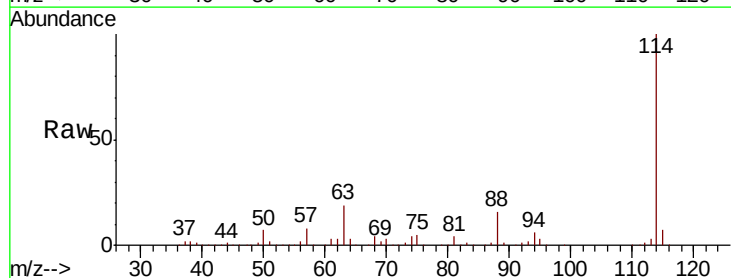
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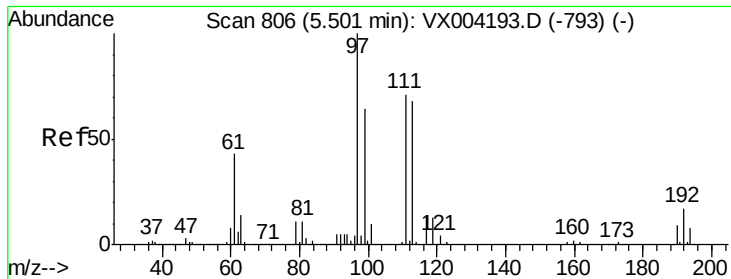
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	426251		
63	19.5	0.0	39.0	
88	15.6	0.0	30.4	





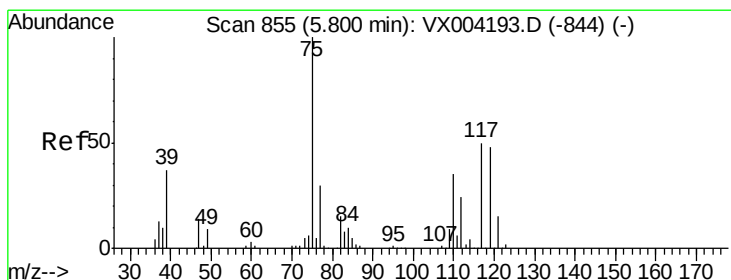
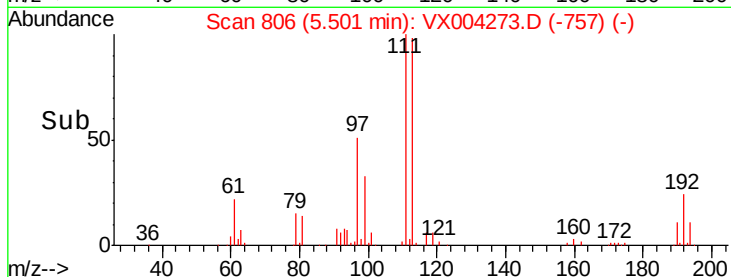
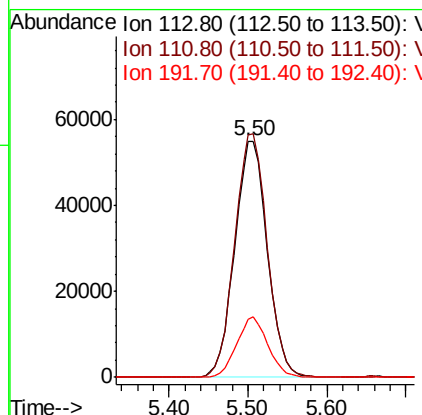
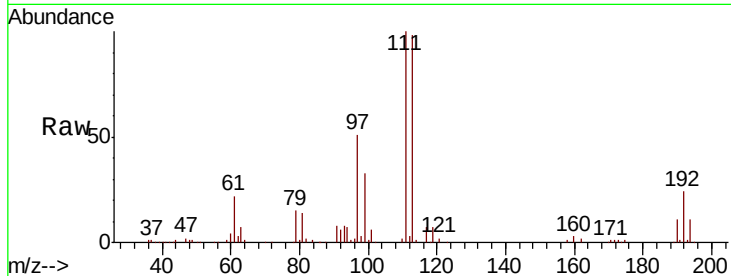
#35
 Dibromofluoromethane
 Concen: 49.83 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157997		
111	102.7	82.4	123.6	
192	24.3	19.4	29.2	

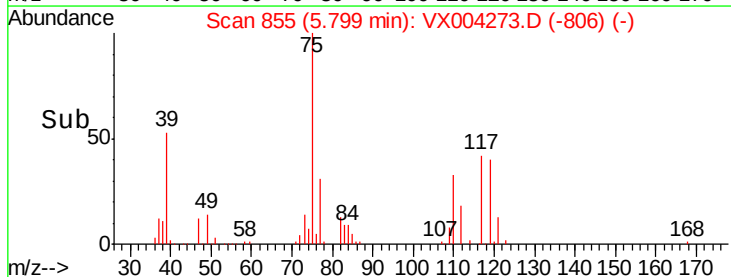
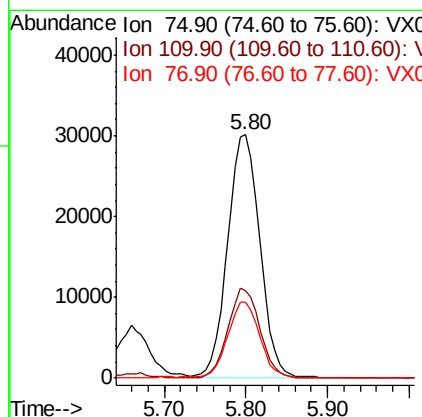
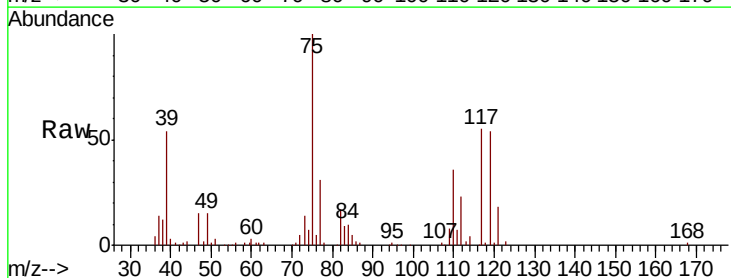
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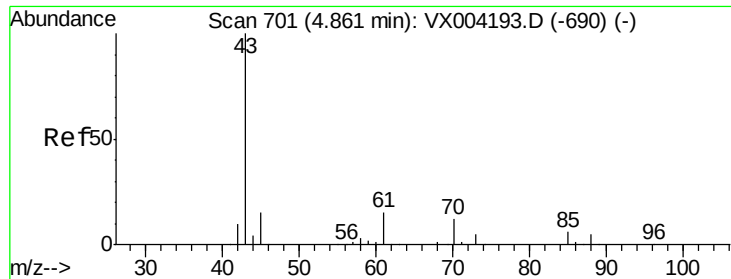
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#36
 1,1-Dichloropropene
 Concen: 17.11 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81983		
110	36.5	18.0	54.0	
77	31.1	24.6	36.8	





#37

Ethyl Acetate

Concen: 21.54 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

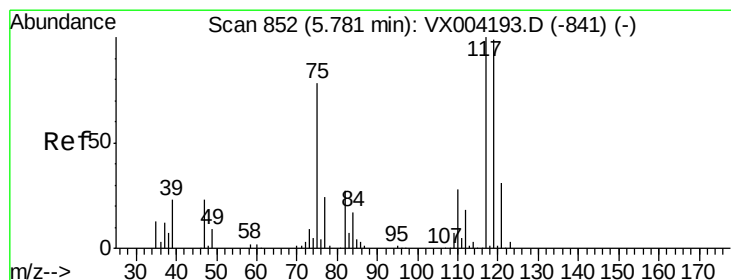
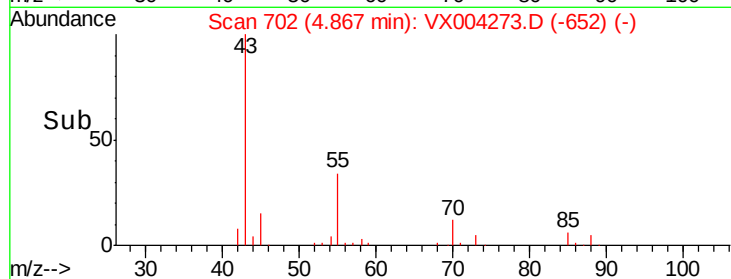
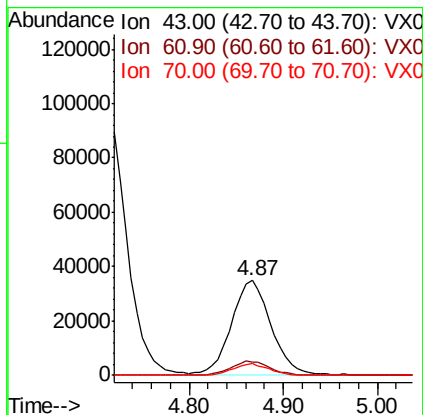
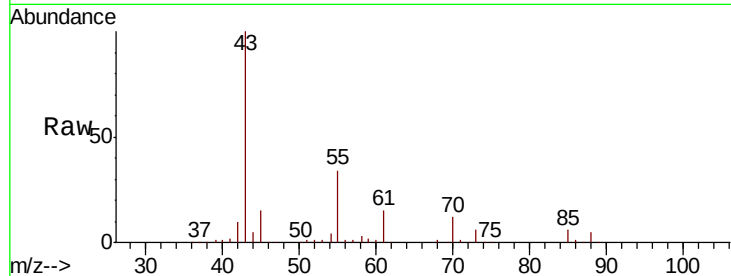
ClientSampleId :

VX0828MBS01

Tot Ion:	43	Resp:	101504
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	11.5	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 17.06 ug/l

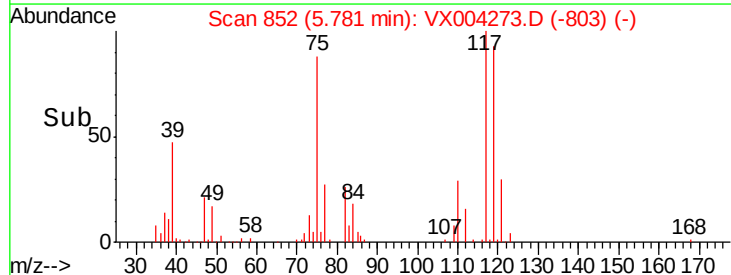
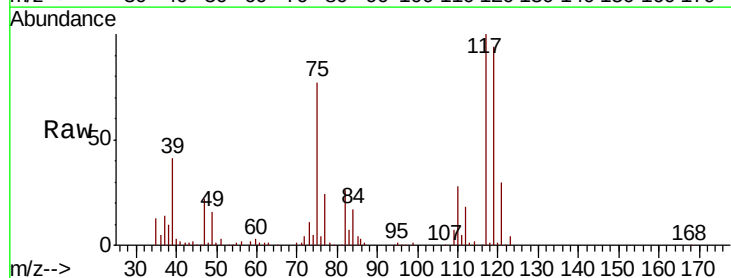
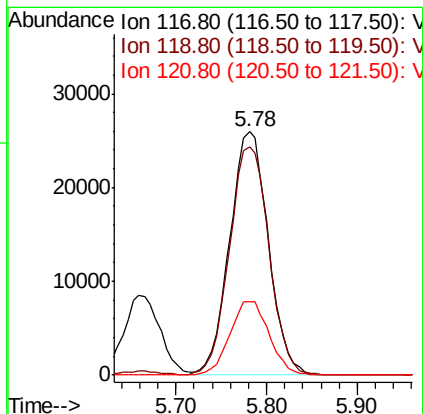
RT: 5.78 min Scan# 852

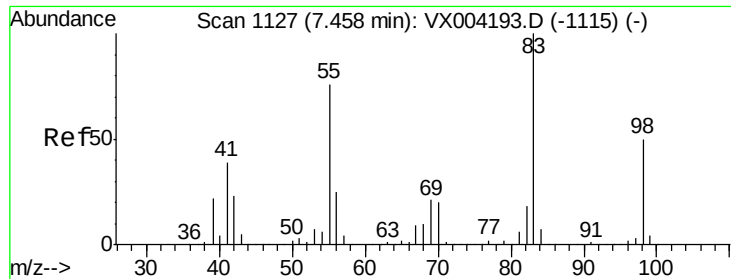
Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Tgt Ion:	117	Resp:	76926
Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.8	118.2
121	30.0	24.9	37.3





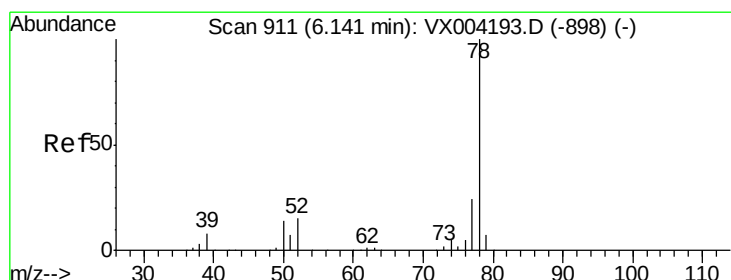
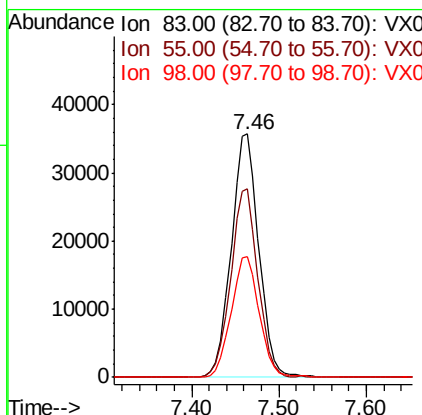
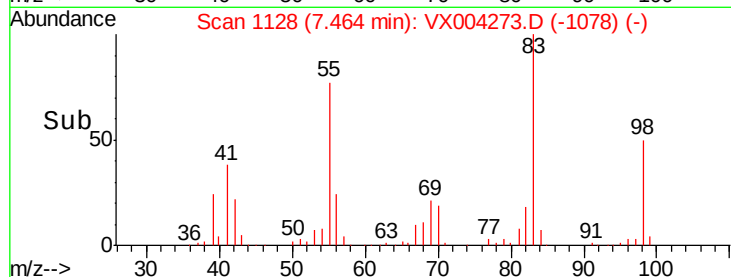
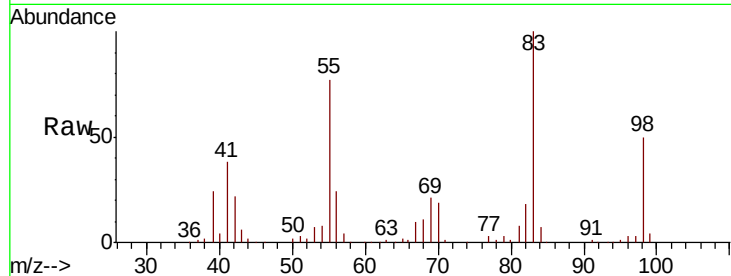
#39
Methylvlcyclohexane
Concen: 14.30 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.0	91.4
98	49.6	39.6	59.4

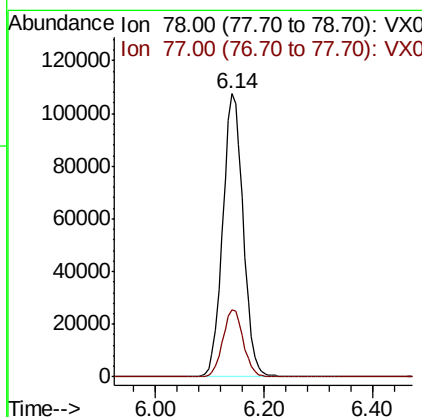
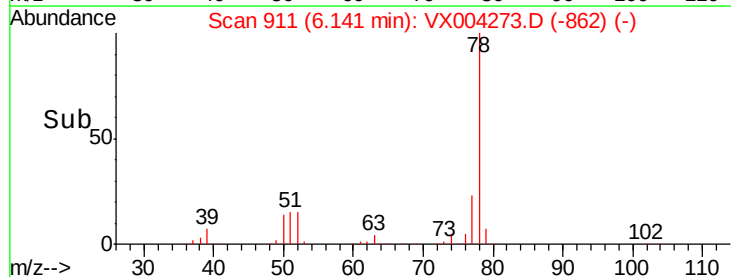
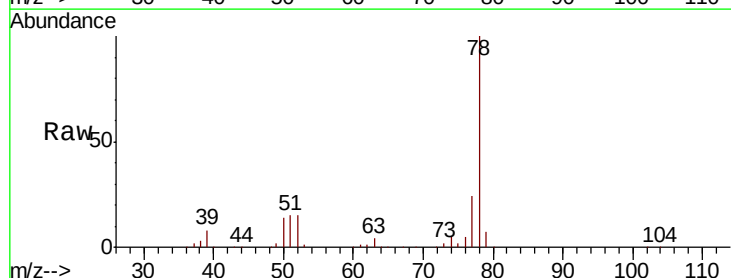
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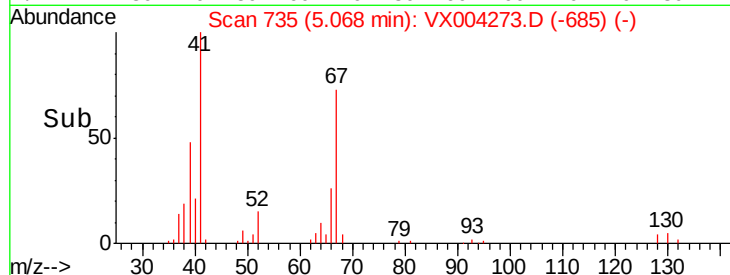
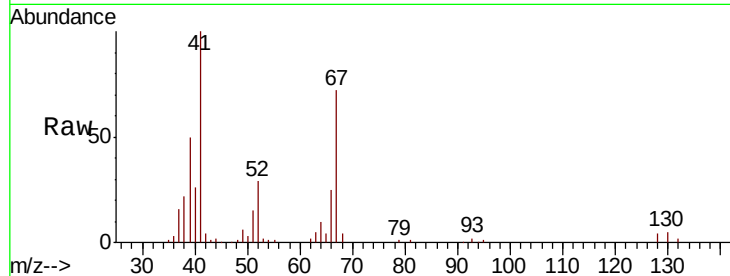
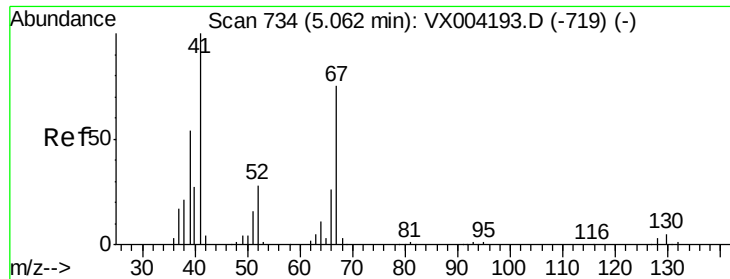
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#40
Benzene
Concen: 19.61 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

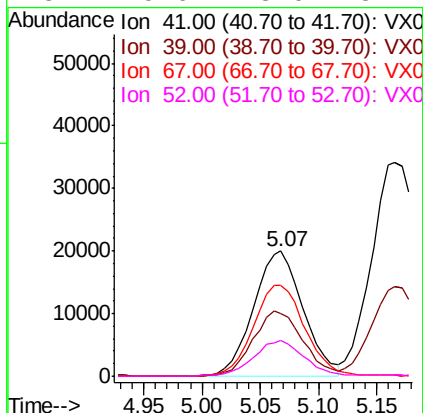
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41
Methacrylonitrile
Concen: 21.67 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.01 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

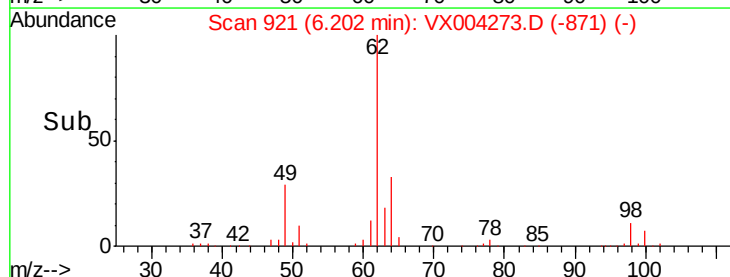
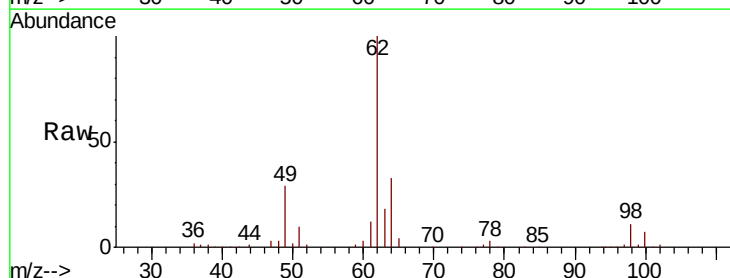
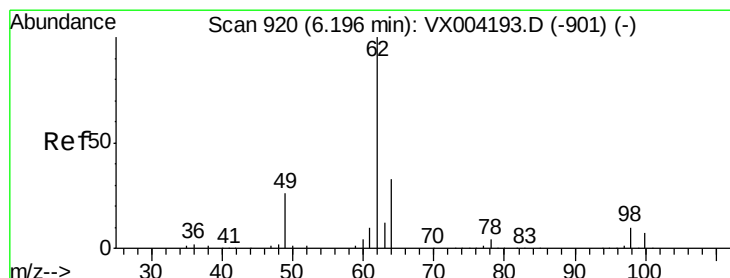
Tot Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.4	63.6
67	75.7	59.2	88.8
52	29.6	23.0	34.4



Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

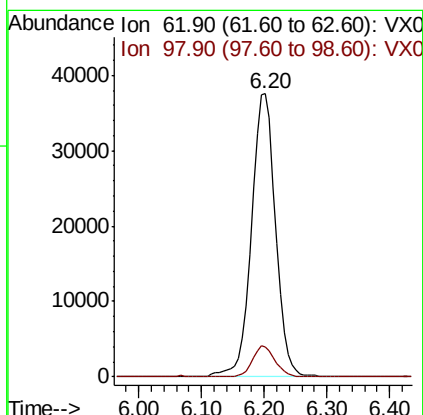
Manual Integrations
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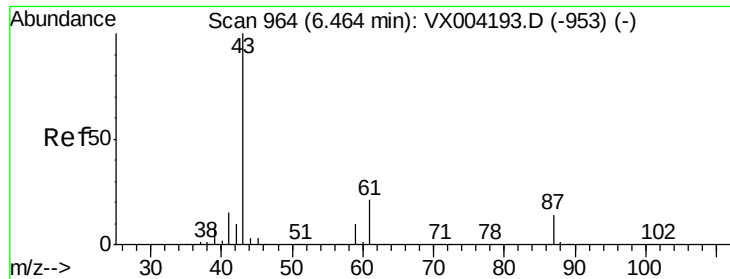
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.31 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 21.58 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

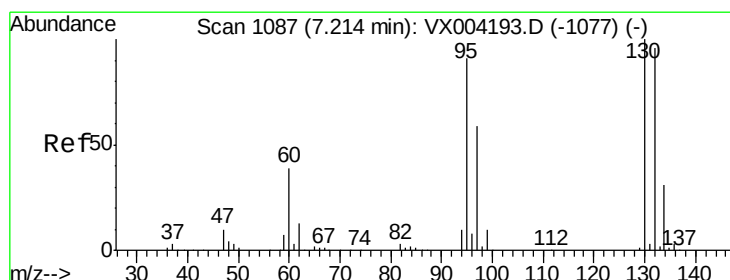
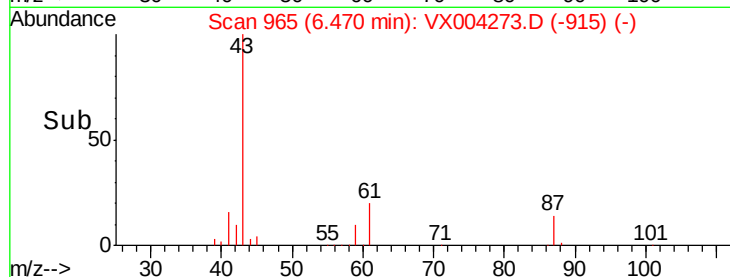
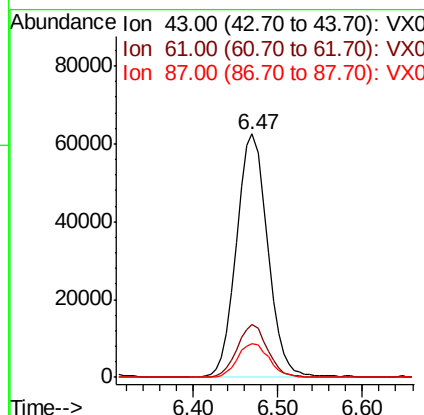
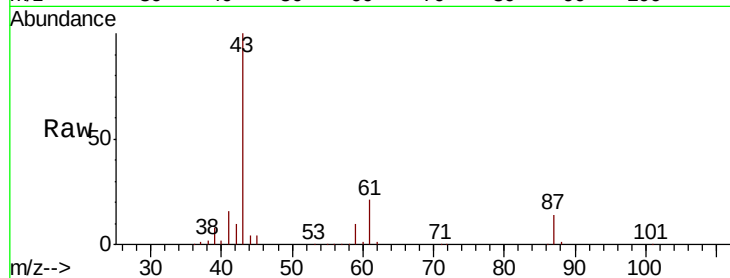
ClientSampleId :

VX0828MBS01

Tot Ion:	43	Resp:	156311
Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.0	25.4
87	14.0	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 18.58 ug/l

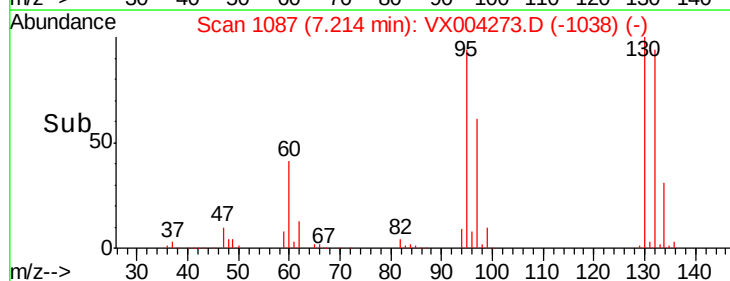
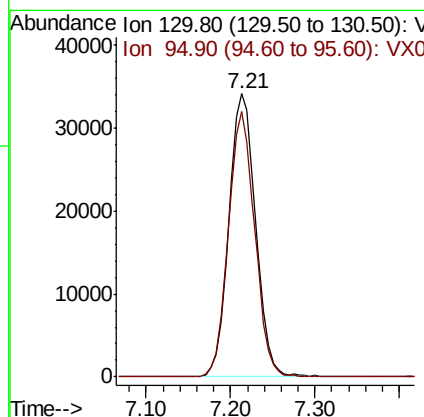
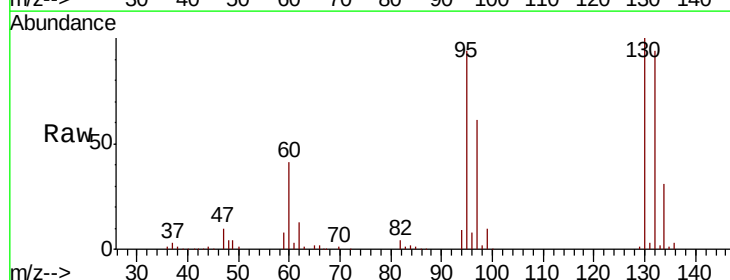
RT: 7.21 min Scan# 1087

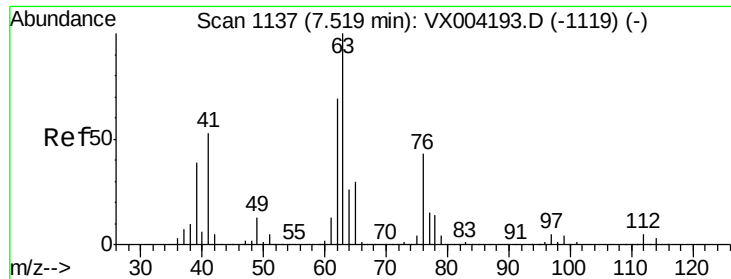
Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Tgt Ion:	130	Resp:	73624
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	181.6





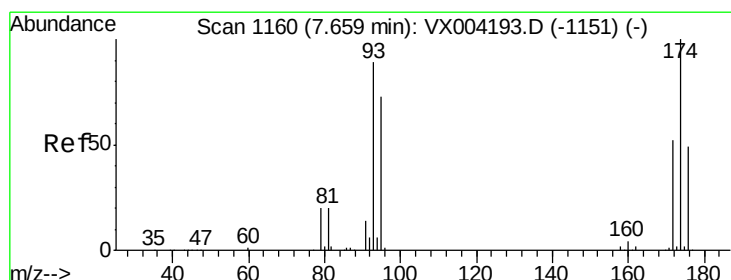
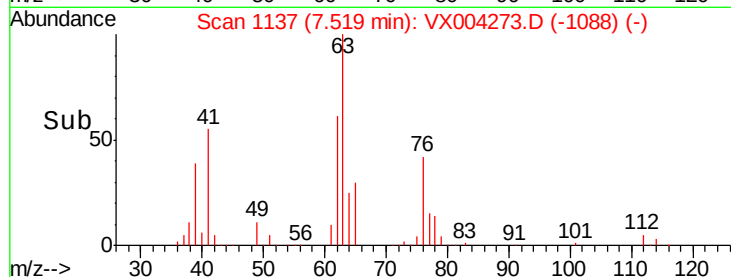
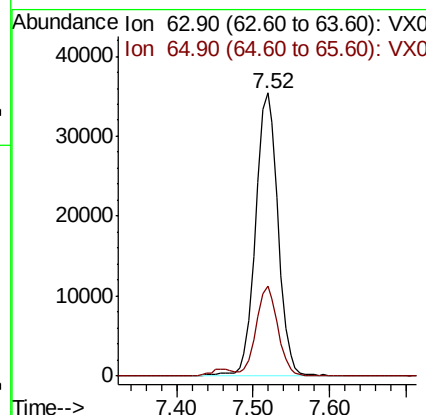
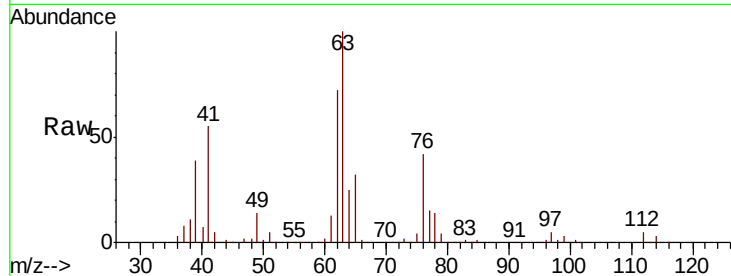
#45
 1,2-Dichloropropane
 Concen: 20.32 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion: 63 Resp: 72807
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.3 36.5

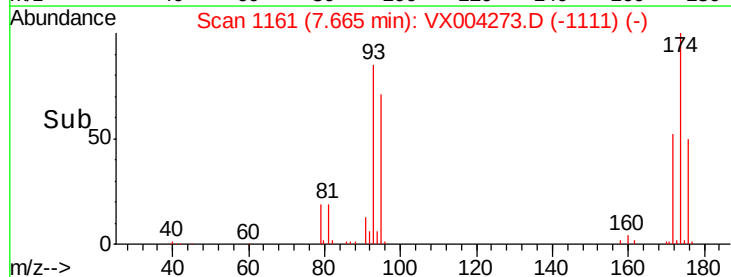
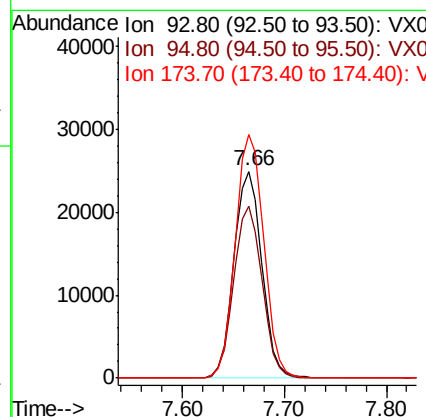
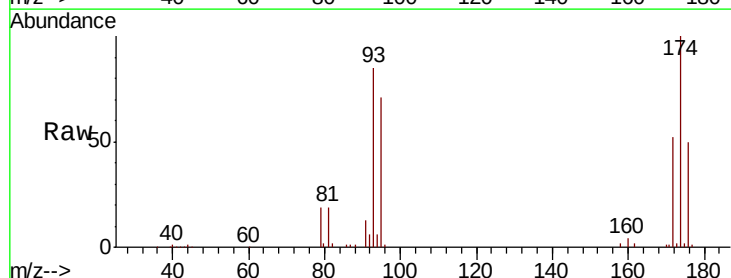
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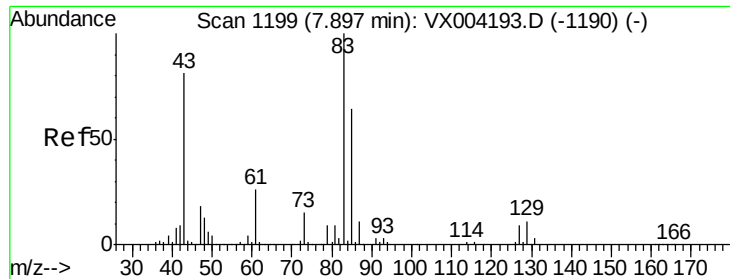
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#46
 Dibromomethane
 Concen: 19.75 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion: 93 Resp: 47138
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.5 98.3
 174 120.2 94.2 141.4





#47

Bromodichloromethane

Concen: 19.06 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

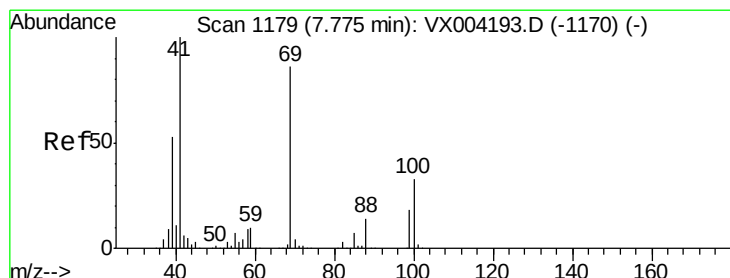
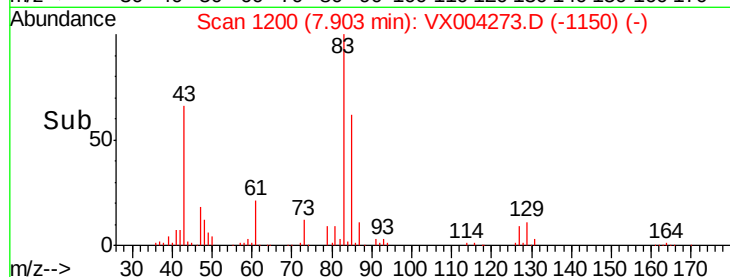
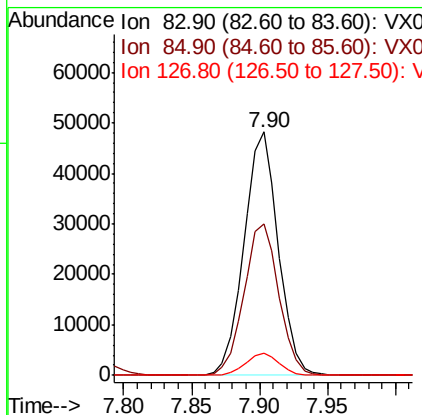
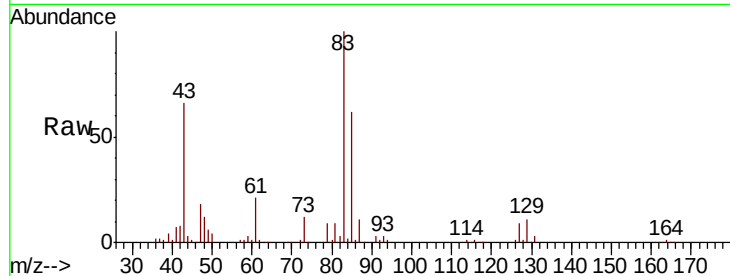
ClientSampleId :

VX0828MBS01

Tot Ion:	83	Resp:	84639
Ion Ratio	Lower	Upper	
83	100		
85	62.3	50.9	76.3
127	8.9	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.09 ug/l

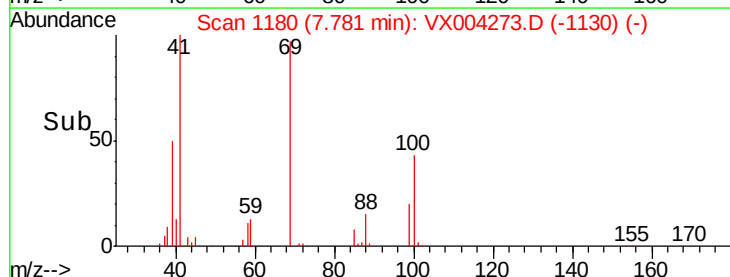
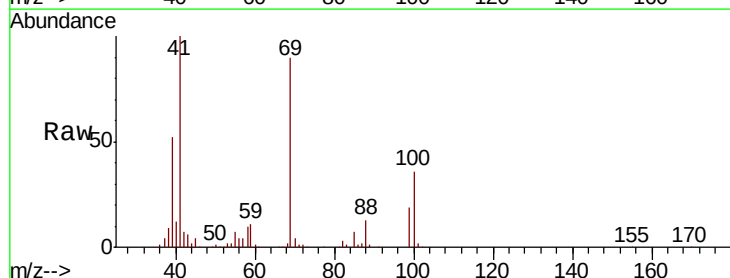
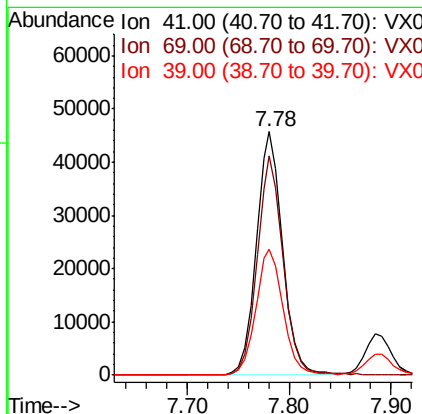
RT: 7.78 min Scan# 1180

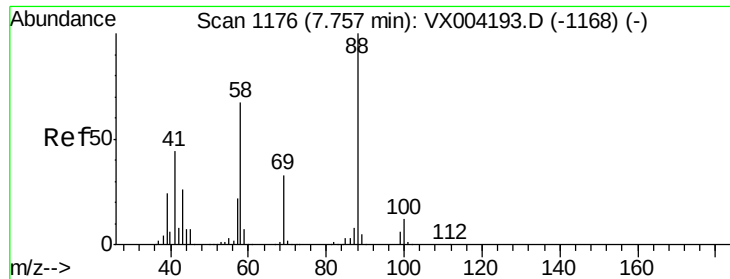
Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Tgt Ion:	41	Resp:	81707
Ion Ratio	Lower	Upper	
41	100		
69	89.4	70.2	105.4
39	54.0	42.7	64.1





#49

1,4-Dioxane

Concen: 464.05 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

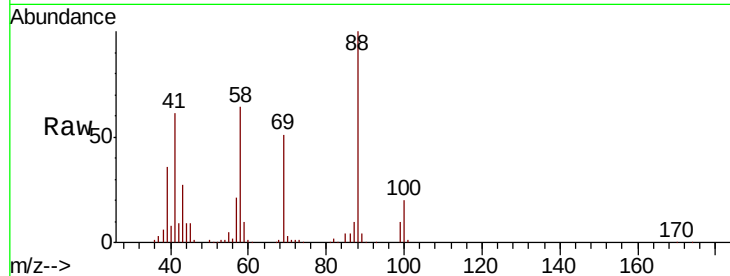
ClientSampleId :

VX0828MBS01

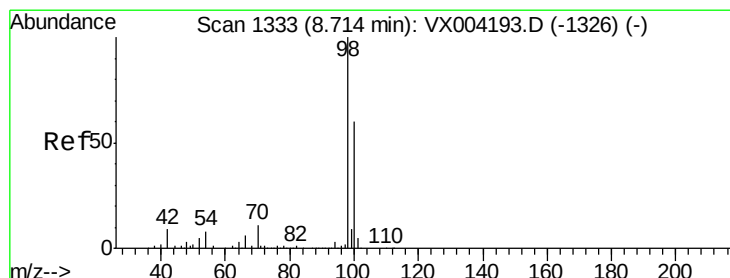
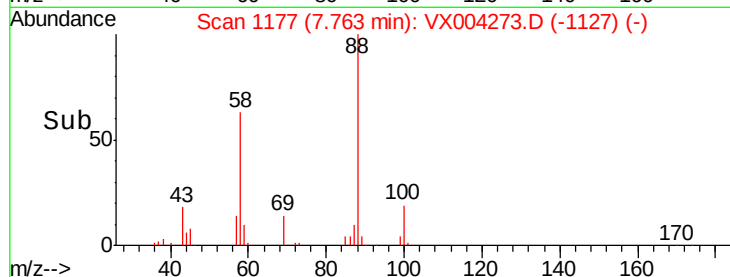
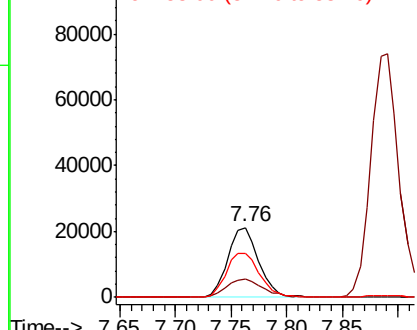
Tot Ion:	88	Resp:	40826
Ion	Ratio	Lower	Upper
88	100		
43	30.3	24.7	37.1
58	69.8	55.3	82.9

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



#50

Toluene-d8

Concen: 49.01 ug/l

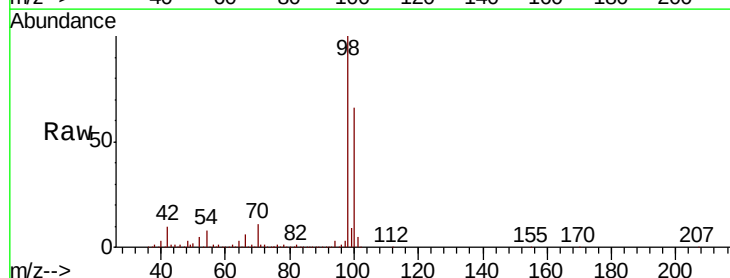
RT: 8.72 min Scan# 1334

Delta R.T. 0.01 min

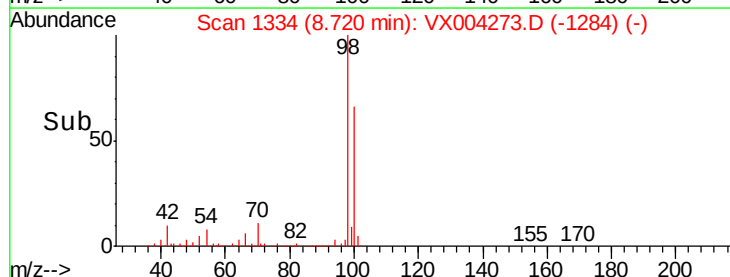
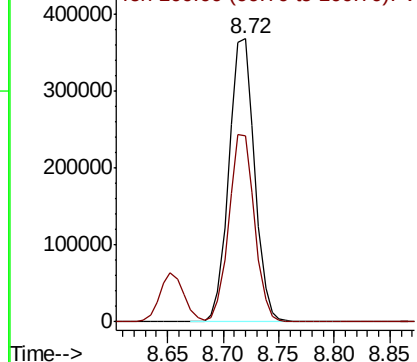
Lab File: VX004273.D

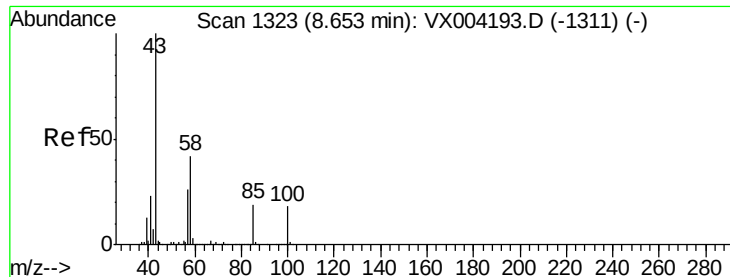
Acq: 28 Aug 2018 17:30

Tgt Ion:	98	Resp:	586659
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3



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





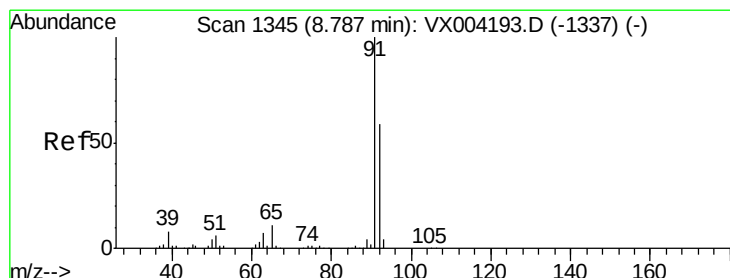
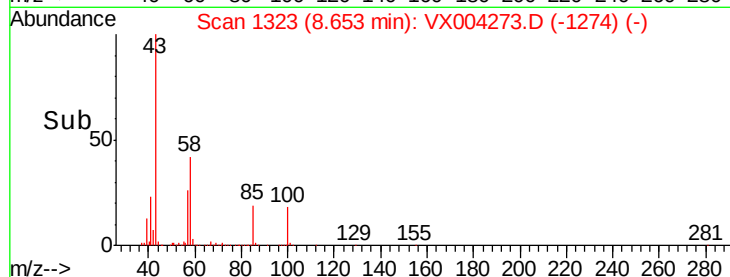
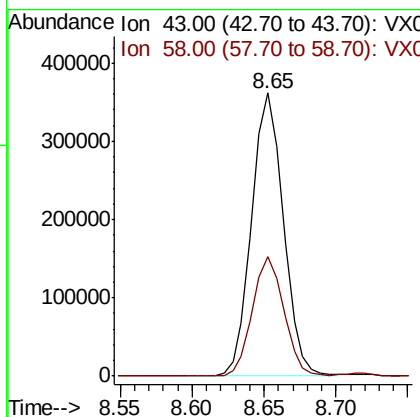
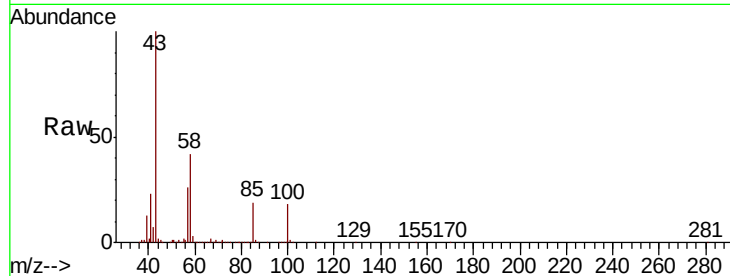
#51
 4-Methyl-2-Pentanone
 Concen: 105.04 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.6	33.1	49.7

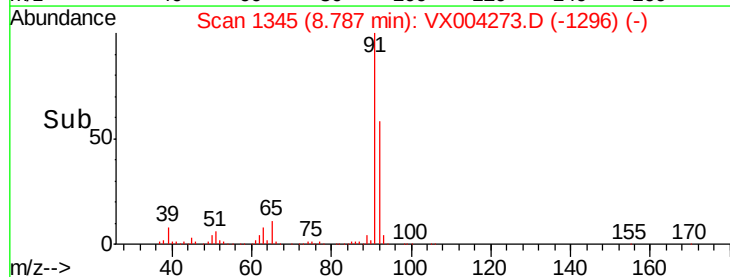
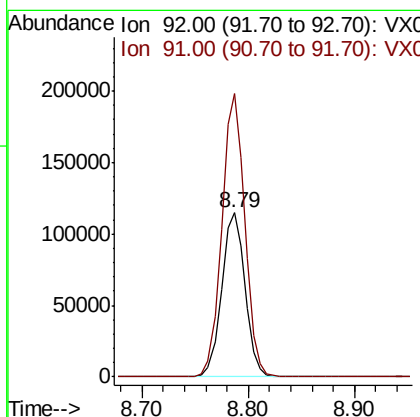
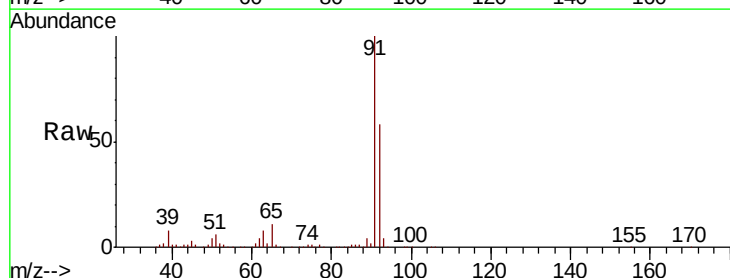
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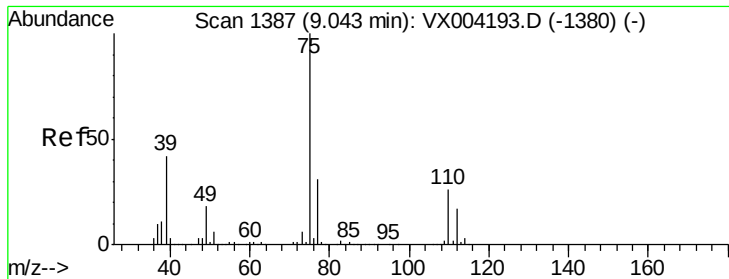
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#52
 Toluene
 Concen: 19.57 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.0	136.4	204.6





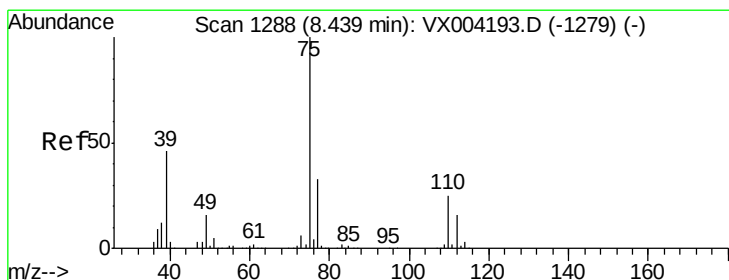
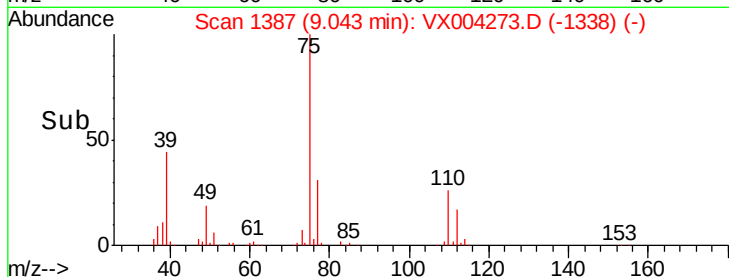
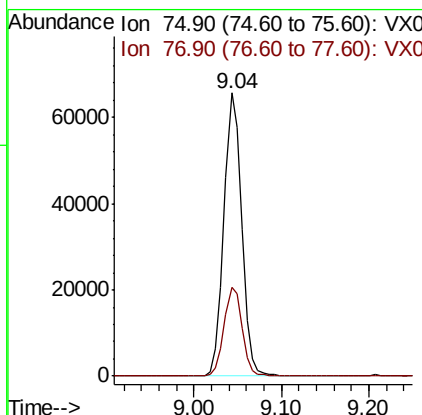
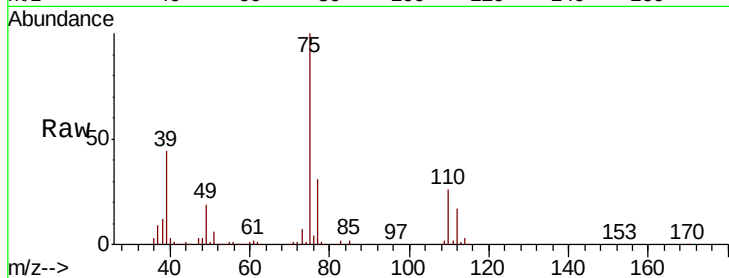
#53
 t-1,3-Dichloropropene
 Concen: 18.81 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion: 75 Resp: 92238
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0

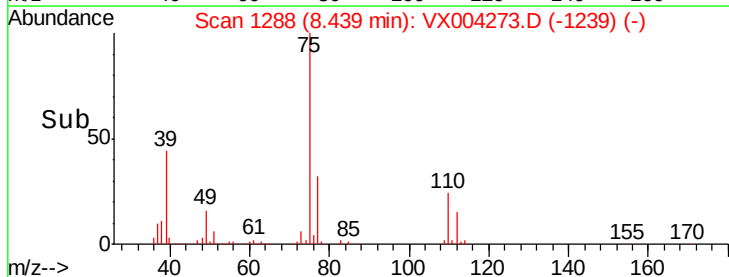
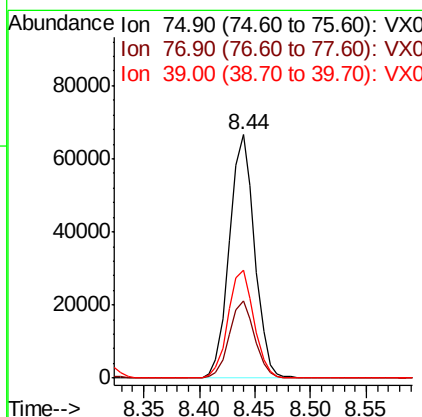
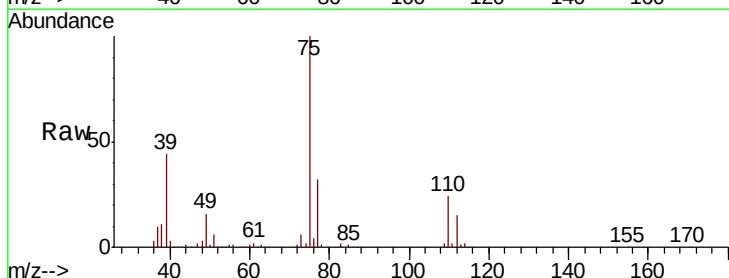
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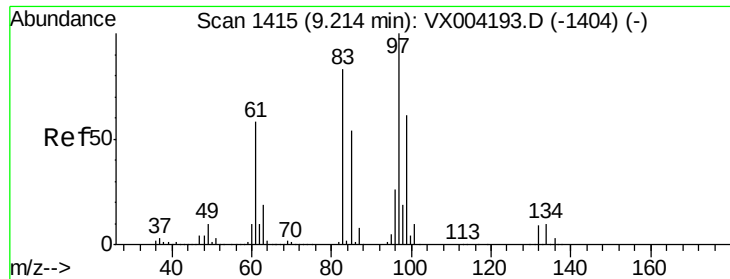
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#54
 cis-1,3-Dichloropropene
 Concen: 19.61 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion: 75 Resp: 104739
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.2 39.2
 39 44.2 36.4 54.6





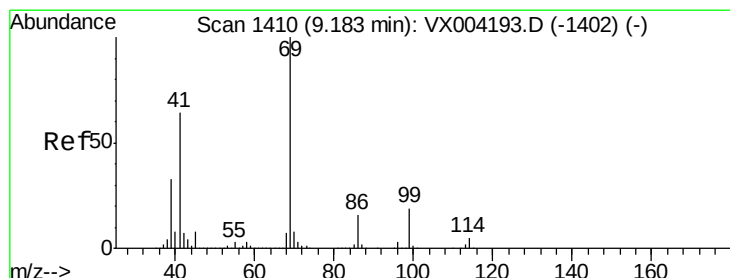
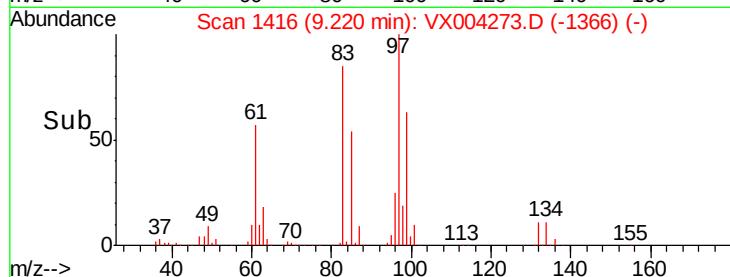
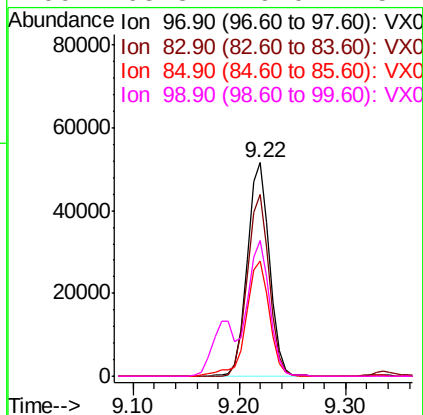
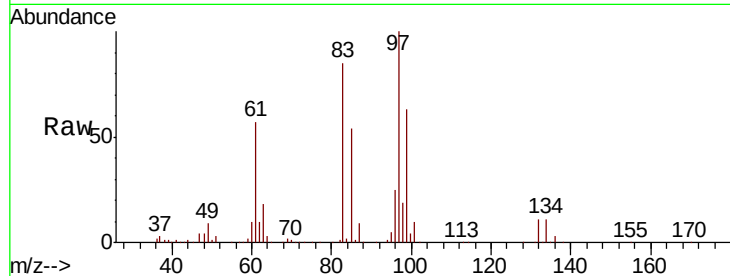
#55
 1,1,2-Trichloroethane
 Concen: 20.89 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion	Ratio	Resp	Lower	Upper
97	100			
83	84.9	66.4	99.6	
85	53.8	43.3	64.9	
99	63.3	49.0	73.4	

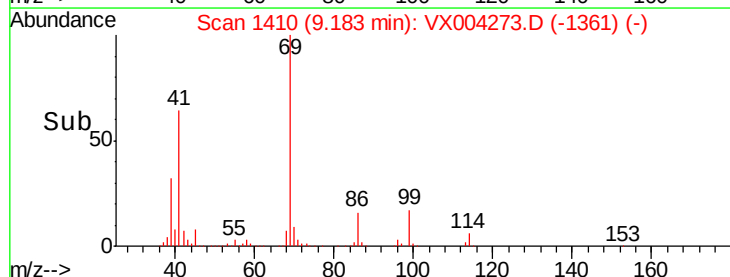
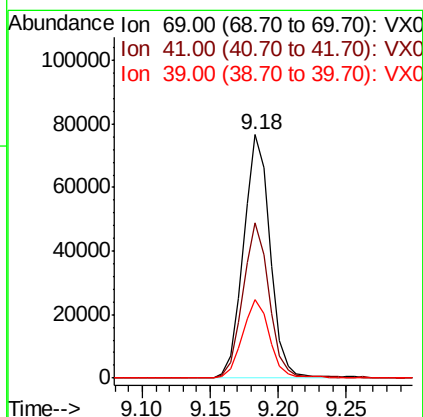
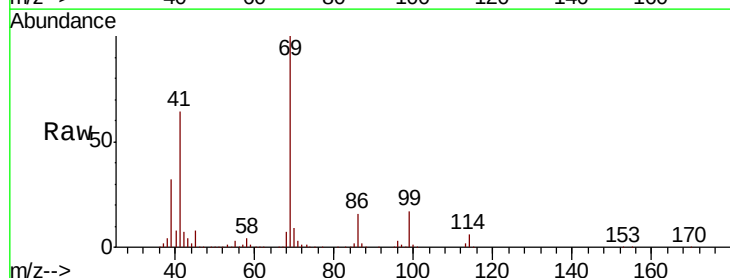
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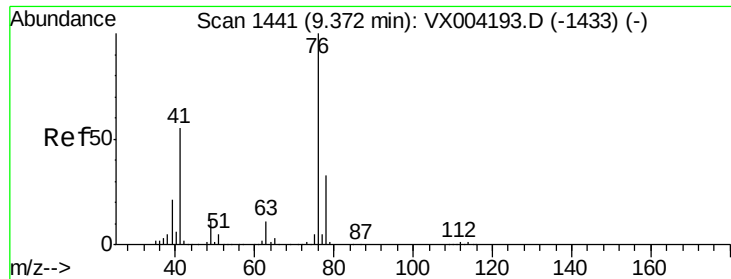
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#56
 Ethyl methacrylate
 Concen: 21.26 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
69	100			
41	63.0	51.0	76.4	
39	32.7	26.1	39.1	





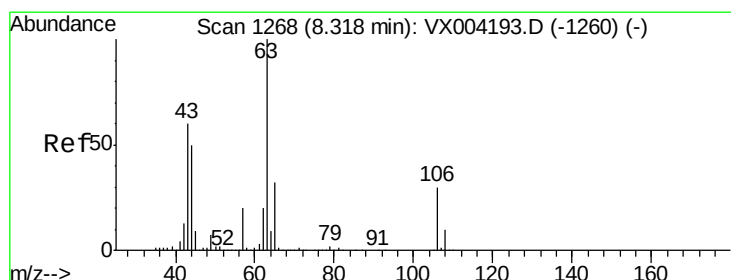
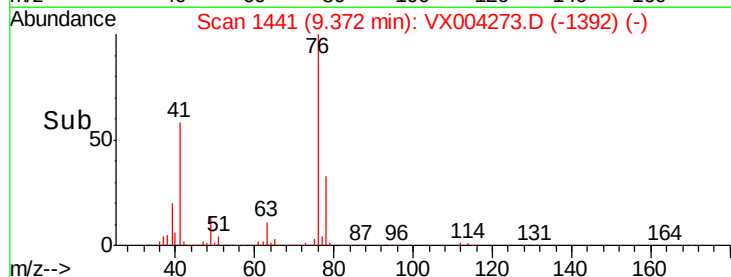
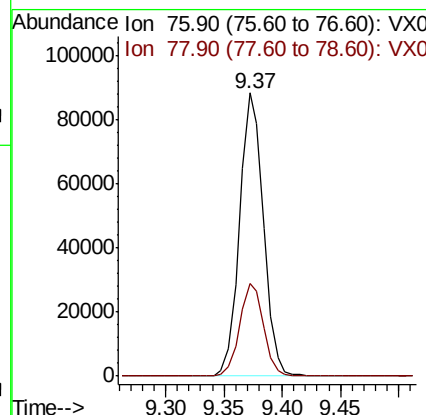
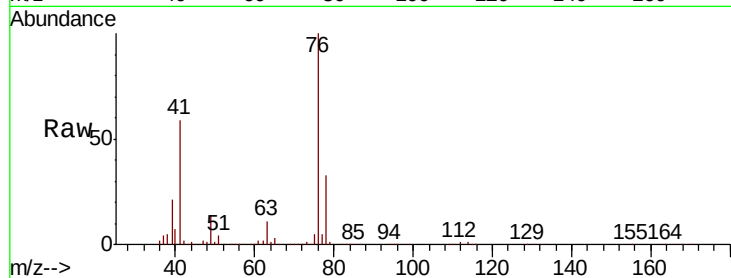
#57
 1,3-Dichloropropane
 Concen: 20.71 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion: 76 Resp: 126324
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.5 38.3

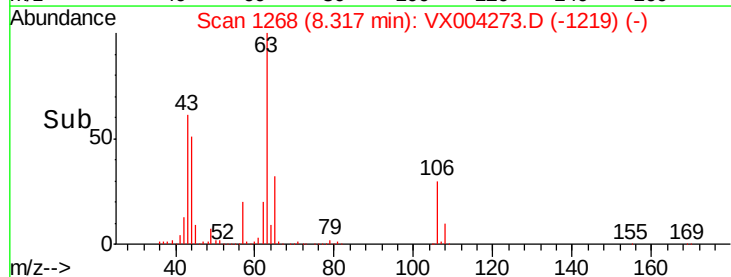
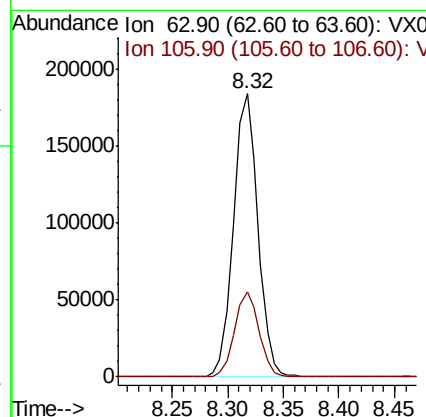
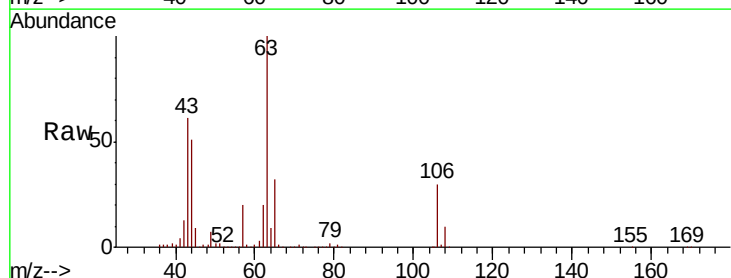
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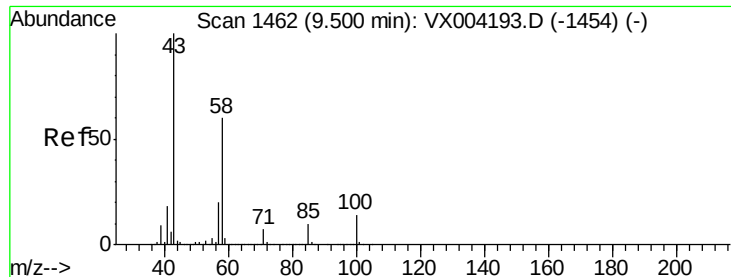
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#58
 2-Chloroethyl Vinyl ether
 Concen: 110.74 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion: 63 Resp: 279484
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.9 35.9





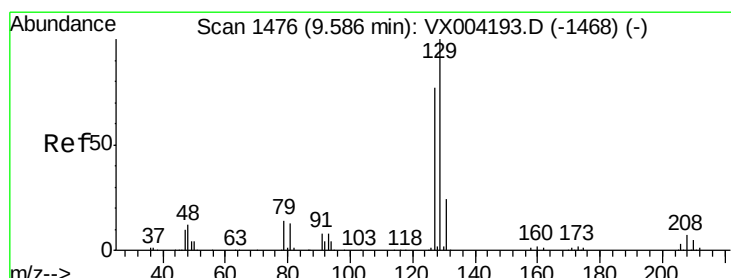
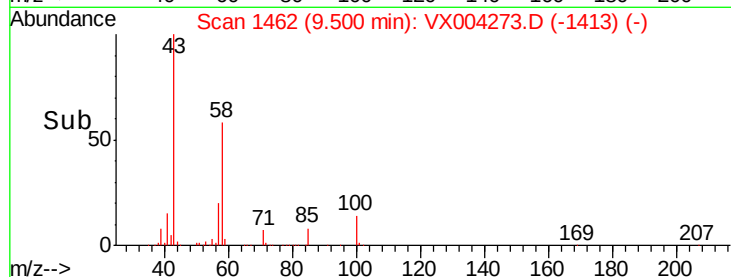
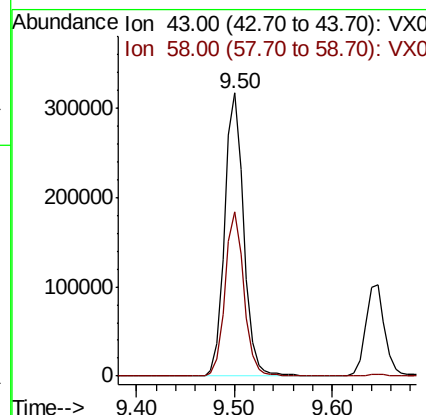
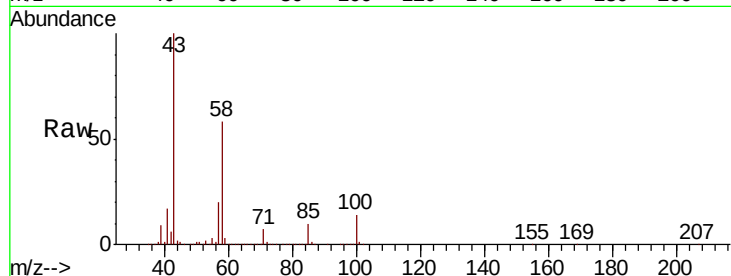
#59
2-Hexanone
Concen: 106.86 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion: 43 Resp: 428971
Ion Ratio Lower Upper
43 100
58 57.5 29.0 87.0

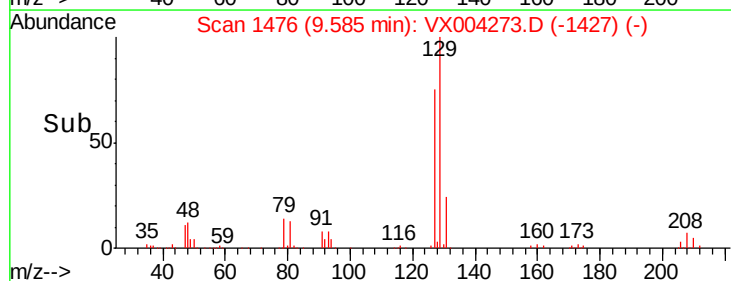
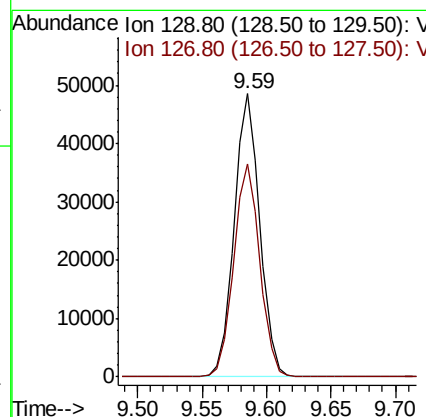
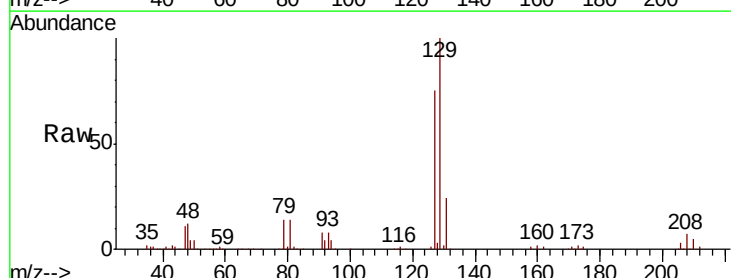
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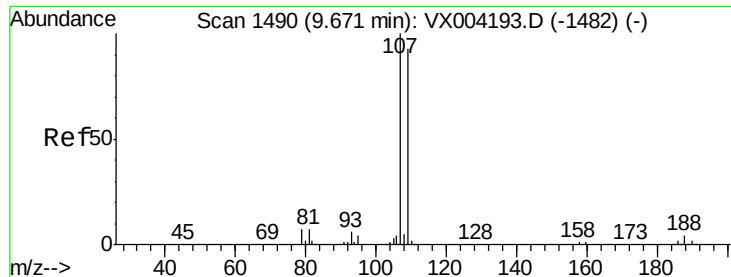
MMDadoda
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#60
Dibromochloromethane
Concen: 19.15 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion: 129 Resp: 67498
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.62 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBS01

Tot Ion:107 Resp: 77192

Ion Ratio Lower Upper

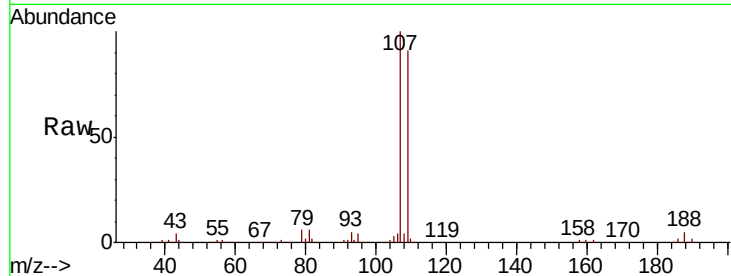
107 100

109 94.0 76.0 114.0

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

50000

40000

30000

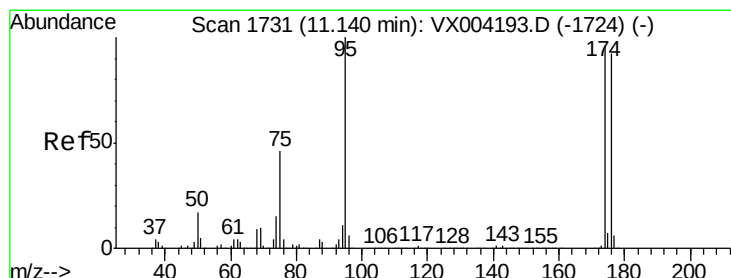
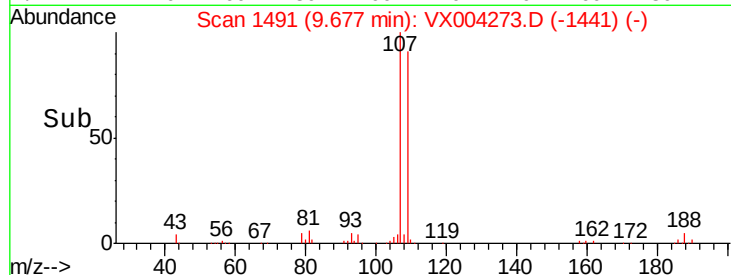
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 50.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

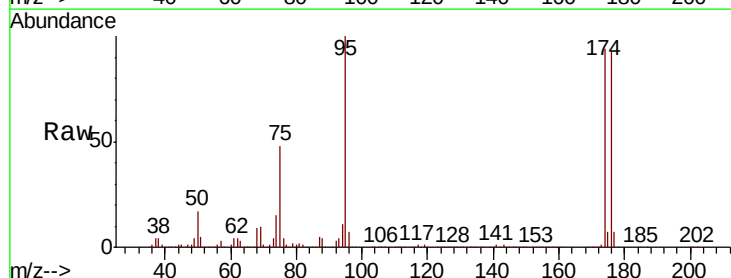
Tgt Ion: 95 Resp: 224744

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.2

176 89.4 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

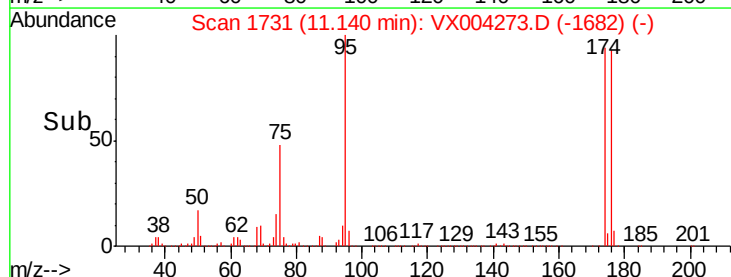
100000

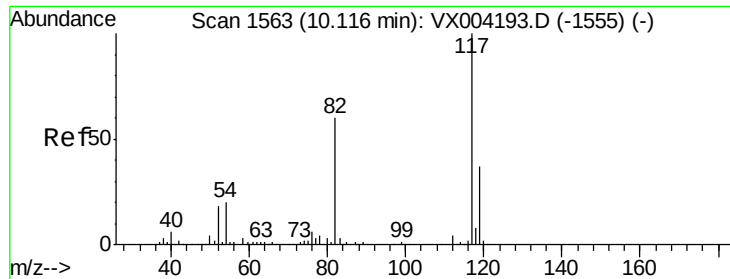
50000

0

11.10 11.20

Time-->





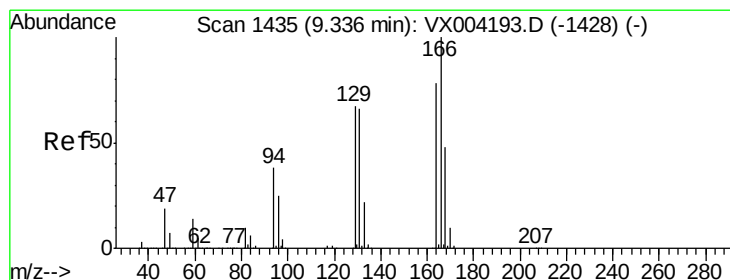
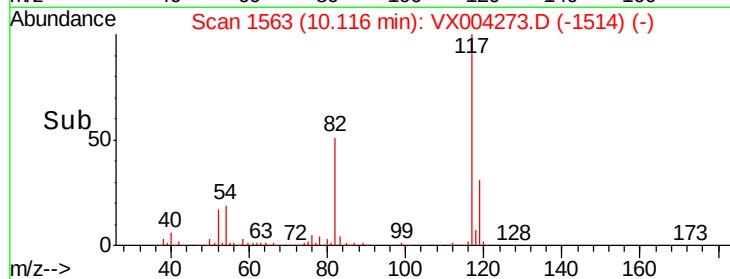
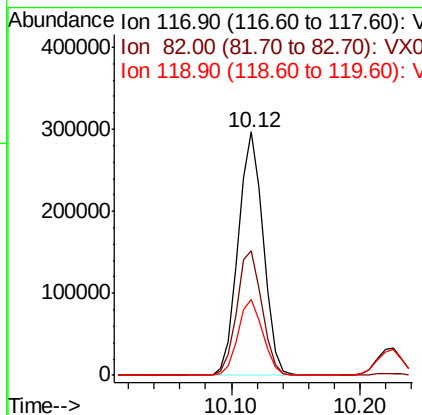
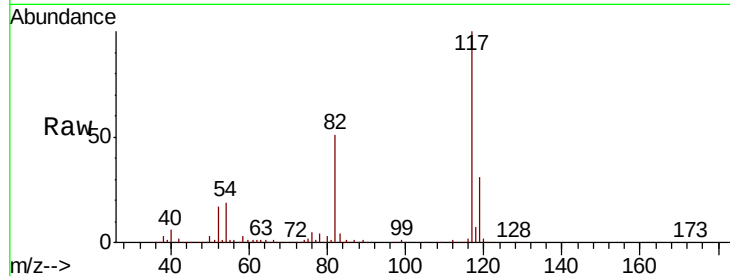
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	398258		
82	51.3	47.8	71.6	
119	31.0	29.3	43.9	

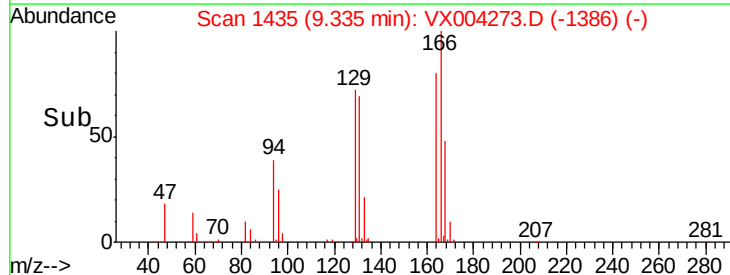
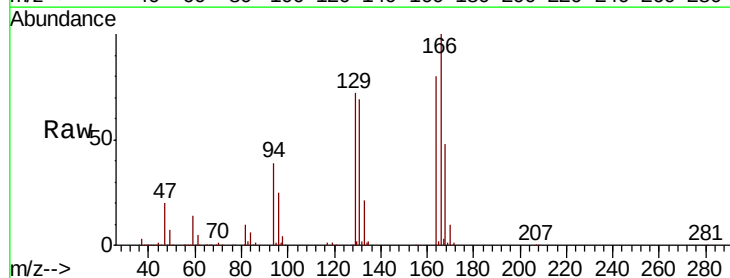
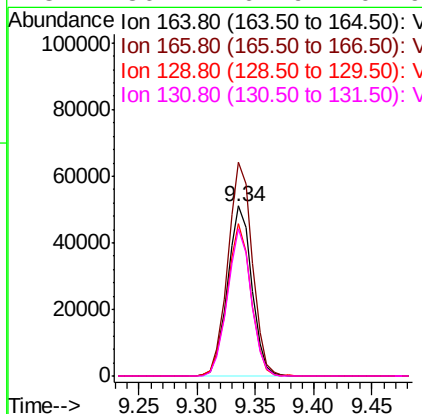
Manual Integrations
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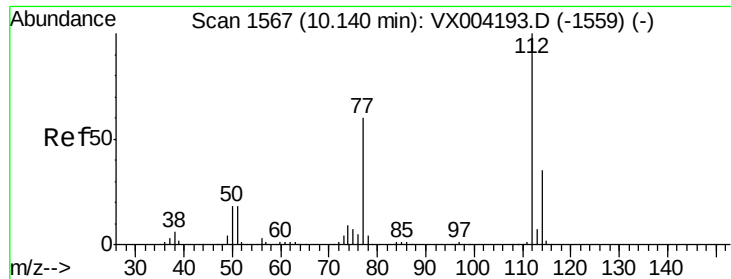
MMDadoda
8/29/2018 5:51:19 PM



#64
Tetrachloroethene
Concen: 18.75 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	73771		
166	125.6	102.8	154.2	
129	89.9	69.4	104.0	
131	86.4	67.9	101.9	





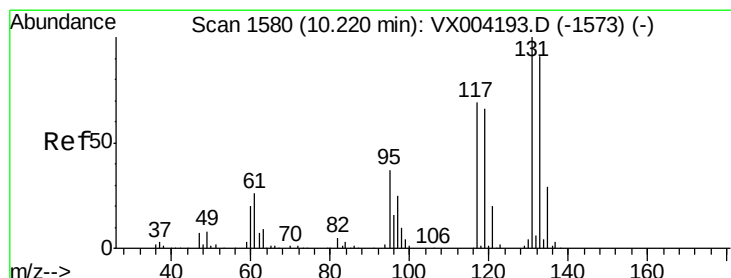
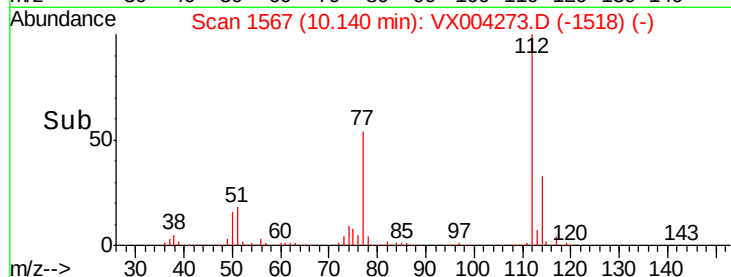
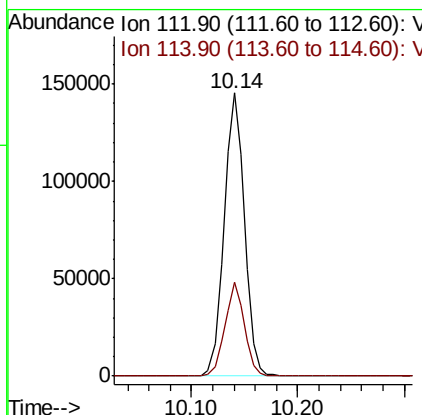
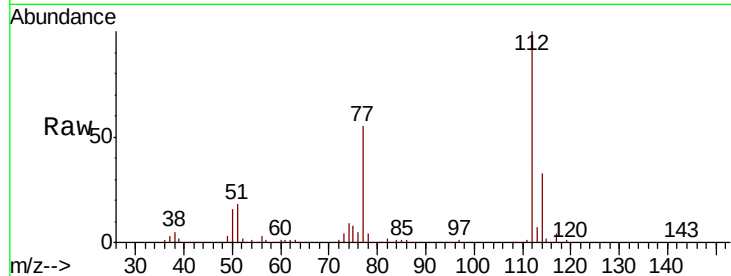
#65
Chlorobenzene
Concen: 19.42 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	27.8	41.8

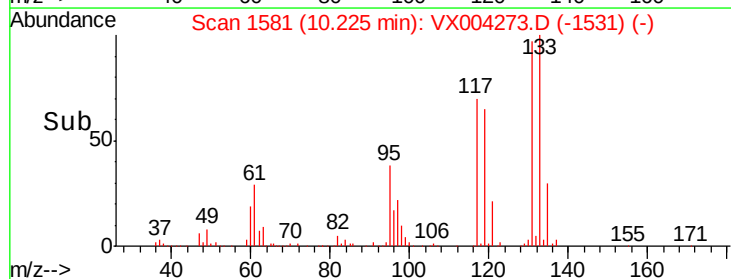
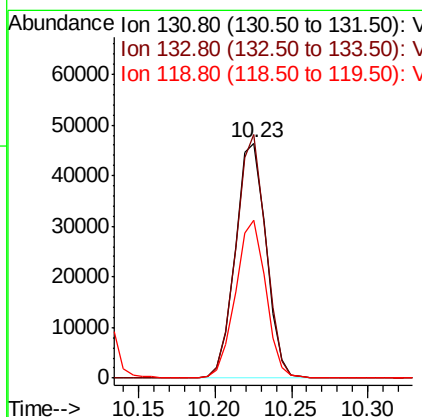
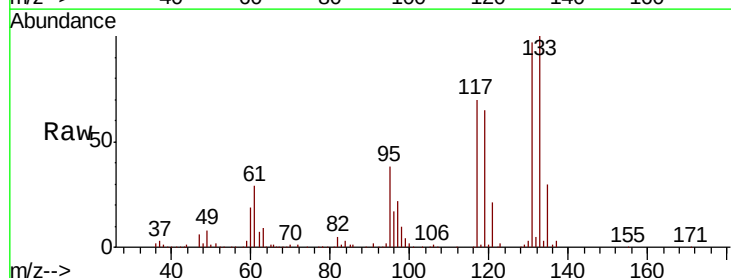
Manual Integrations
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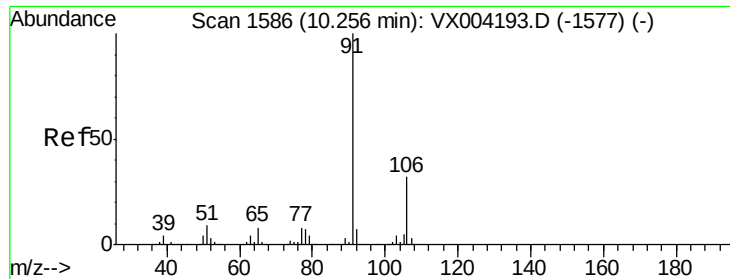
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.78 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	100.7	48.1	144.4
119	65.4	32.9	98.6





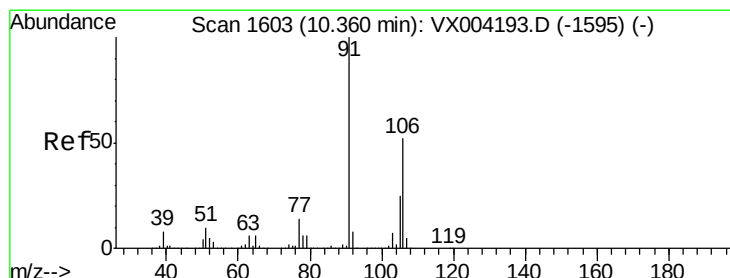
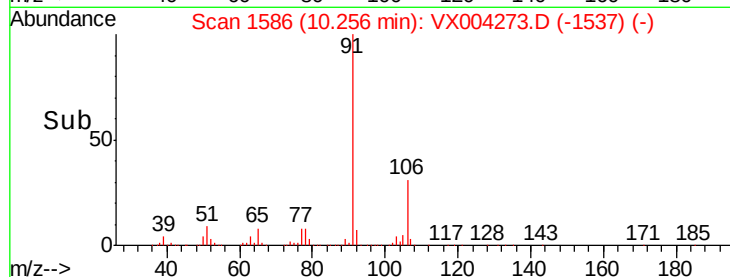
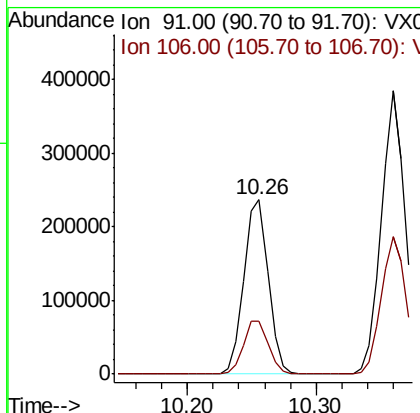
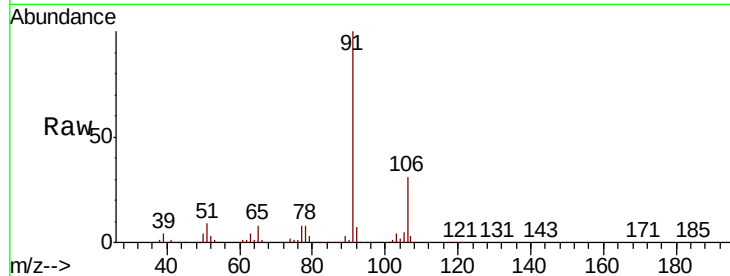
#67
Ethyl Benzene
Concen: 19.06 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion: 91 Resp: 309352
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9

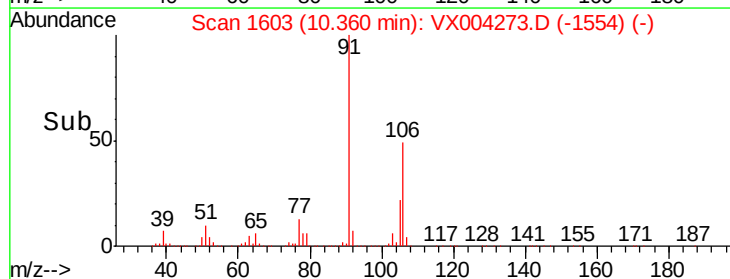
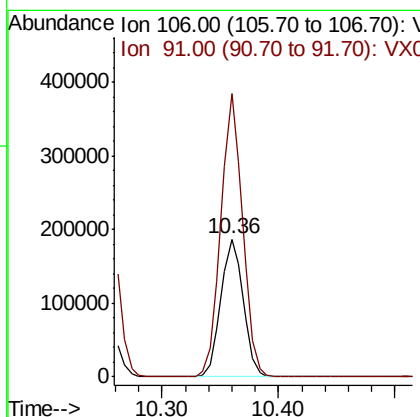
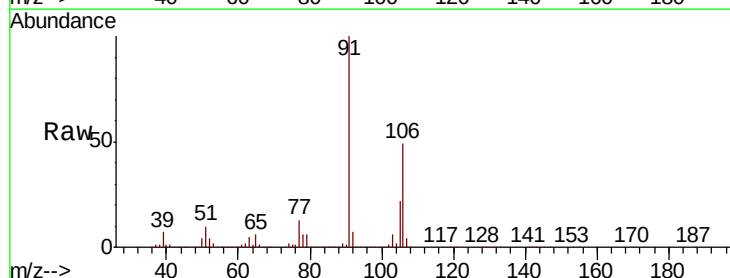
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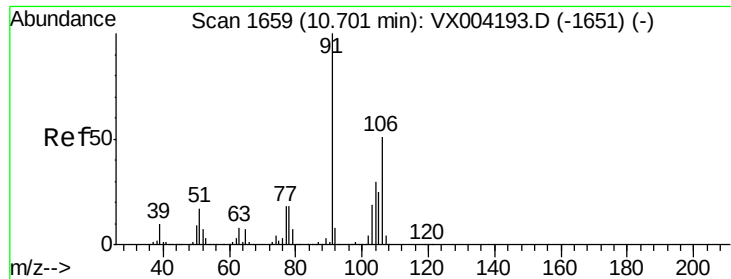
MMDadoda
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#68
m/p-Xylenes
Concen: 39.12 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion: 106 Resp: 248298
Ion Ratio Lower Upper
106 100
91 199.0 157.1 235.7





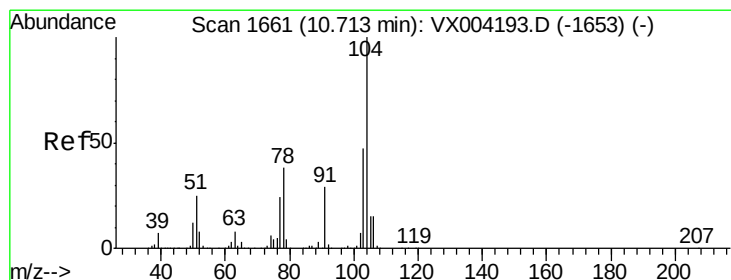
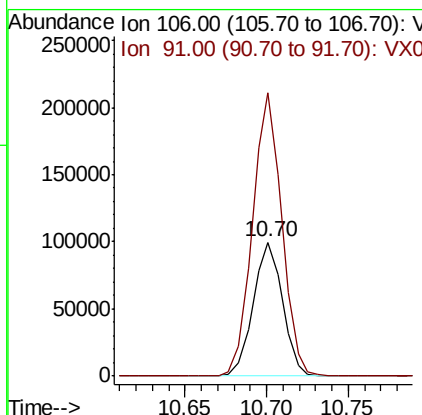
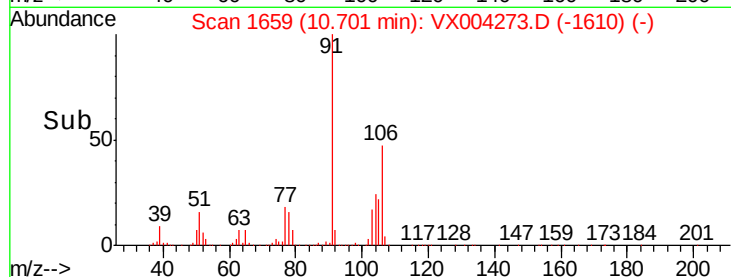
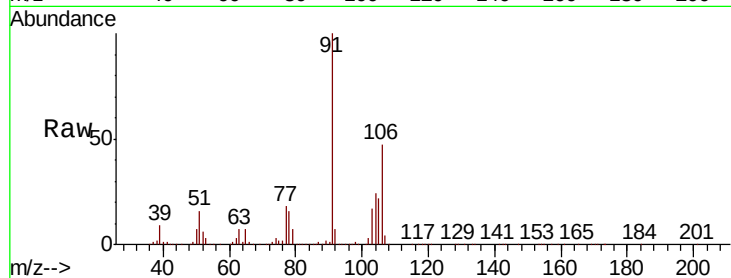
#69
o-Xylene
Concen: 20.82 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	125011		
91	211.1	105.1	315.1	

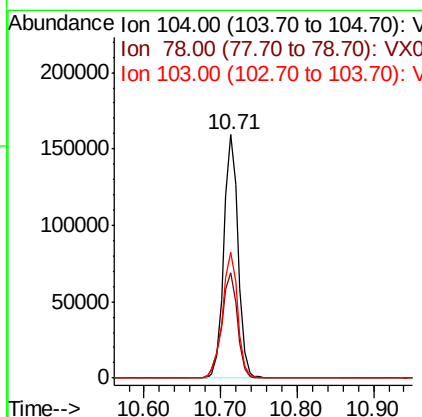
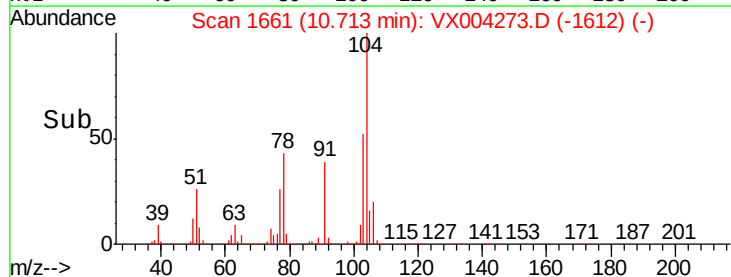
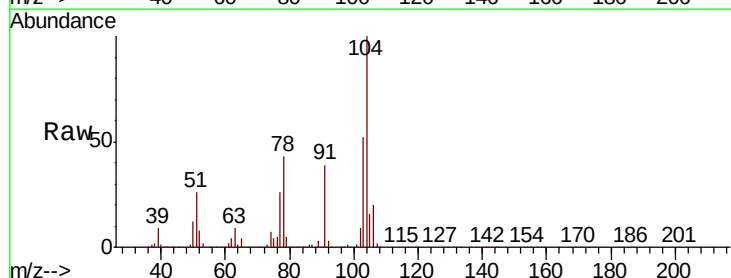
Manual Integrations
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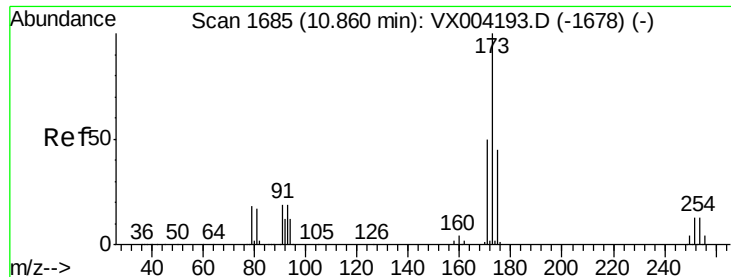
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#70
Styrene
Concen: 21.09 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	205057		
78	47.8	37.4	56.0	
103	55.3	43.8	65.6	





#71

Bromoform

Concen: 18.87 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

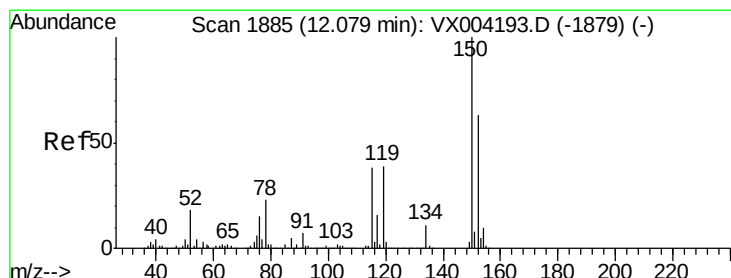
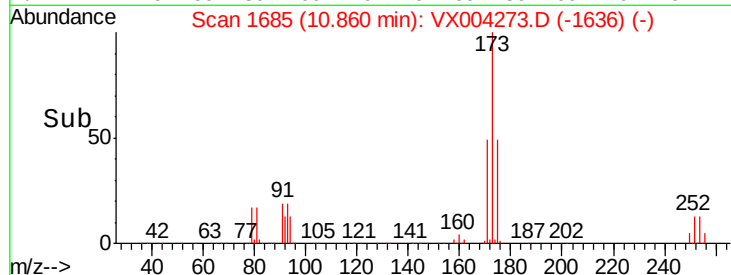
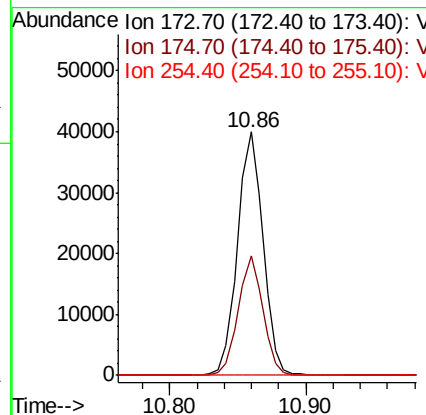
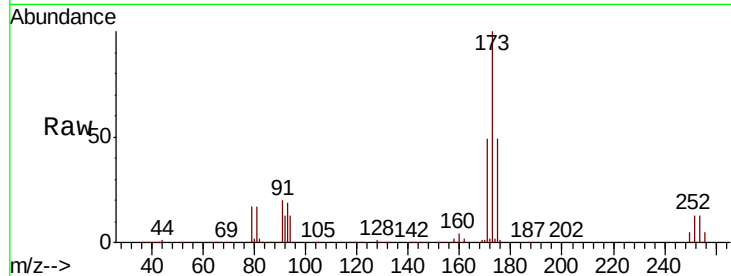
ClientSampleId :

VX0828MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.1	72.3
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

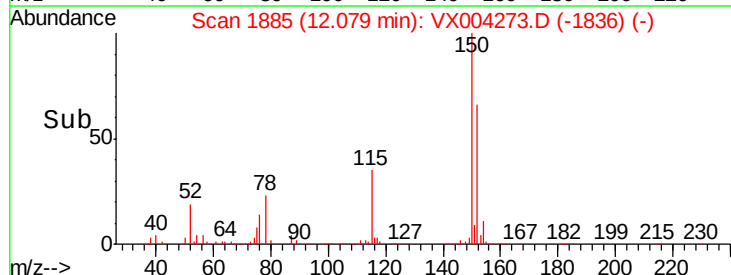
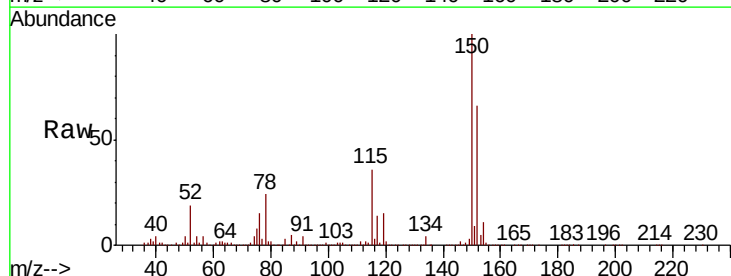
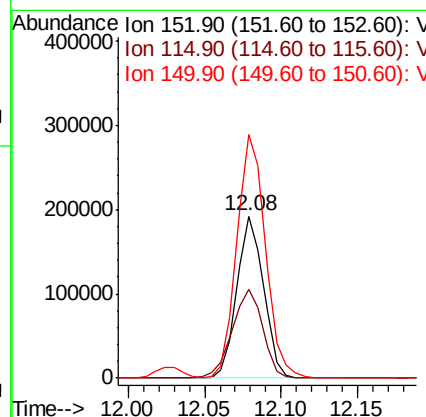
RT: 12.08 min Scan# 1885

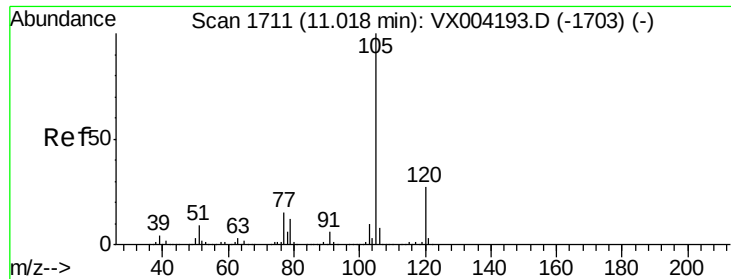
Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	39.0	117.0
150	161.1	0.0	351.0





#73

Isopropylbenzene

Concen: 20.66 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBS01

Tot Ion:105 Resp: 314916

Ion Ratio Lower Upper

105 100

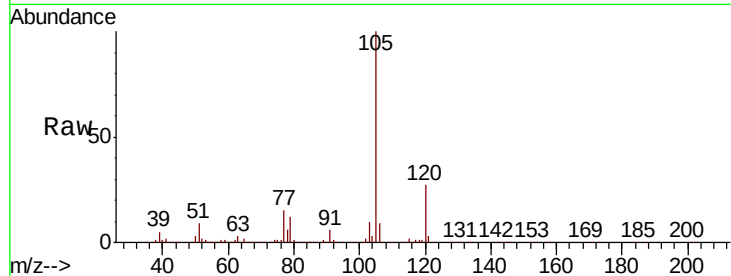
120 27.1 13.5 40.4

Manual Integrations

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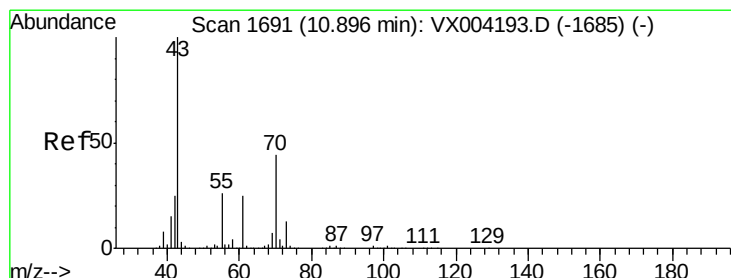
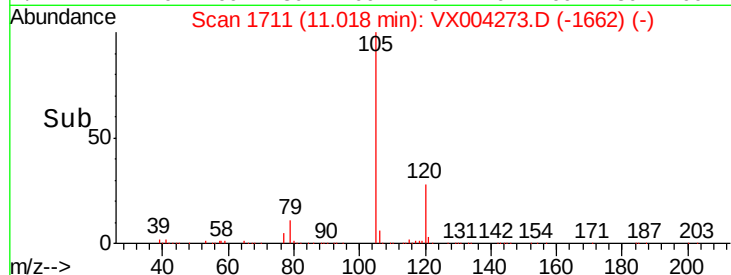
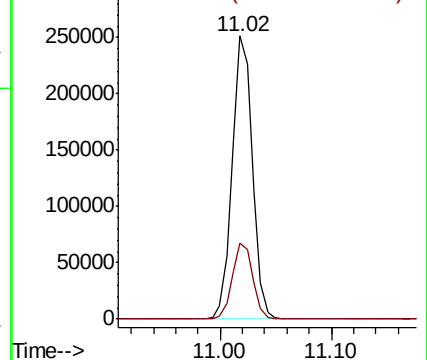
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.35 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Tgt Ion: 43 Resp: 131132

Ion Ratio Lower Upper

43 100

70 46.8 37.4 56.0

55 27.4 21.8 32.8

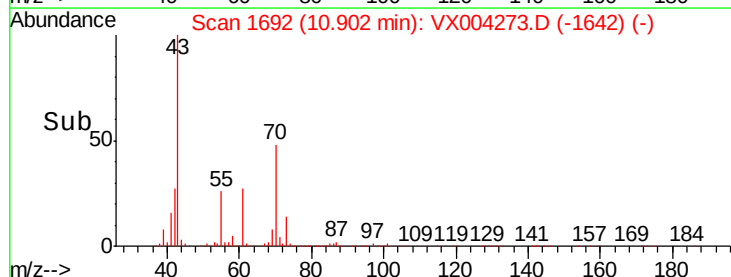
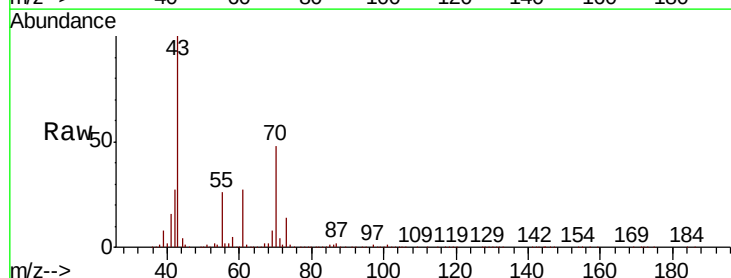
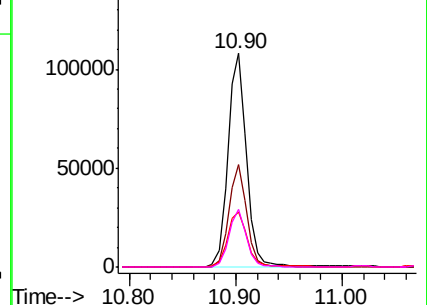
61 25.7 20.6 30.8

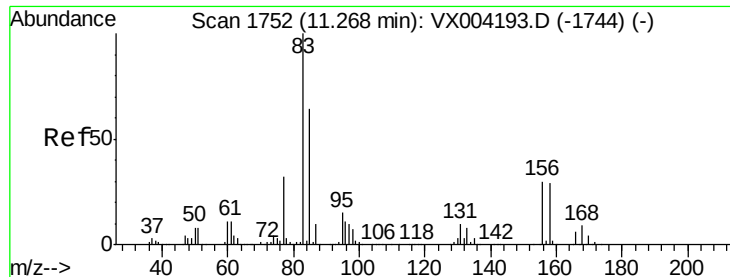
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.20 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBS01

Tot Ion: 83 Resp: 118422

Ion Ratio Lower Upper

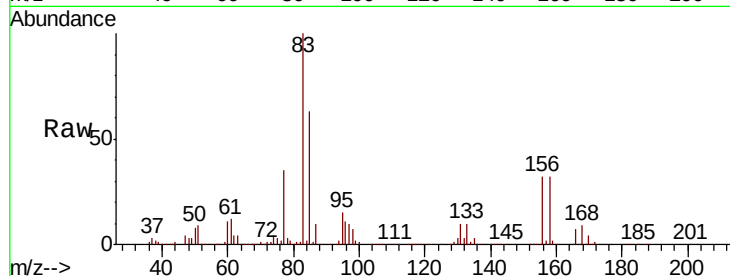
83 100

131 10.5 5.2 15.6

85 63.3 32.3 96.8

Manual Integrations
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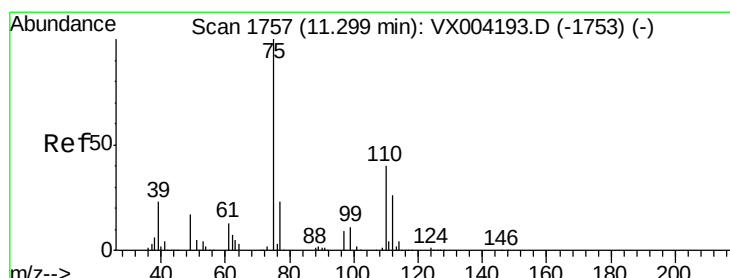
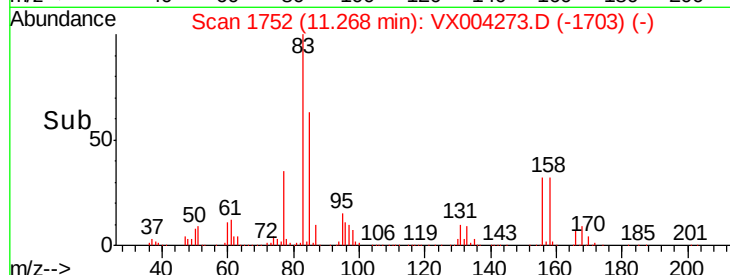
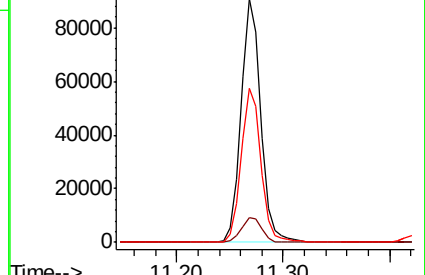
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.39 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004273.D

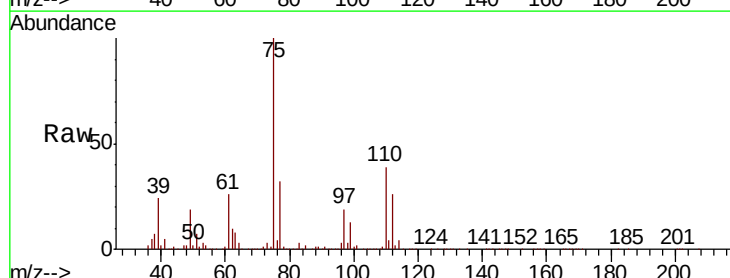
Acq: 28 Aug 2018 17:30

Tgt Ion: 75 Resp: 105686

Ion Ratio Lower Upper

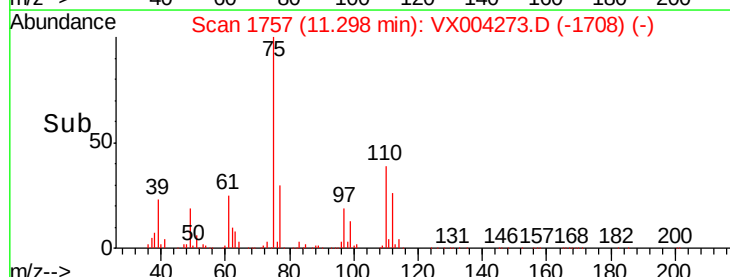
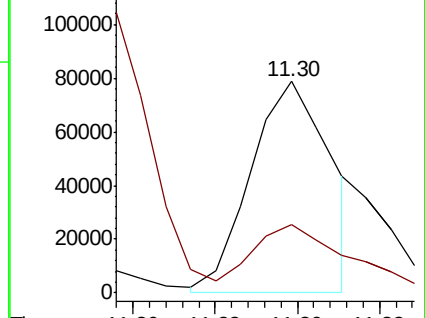
75 100

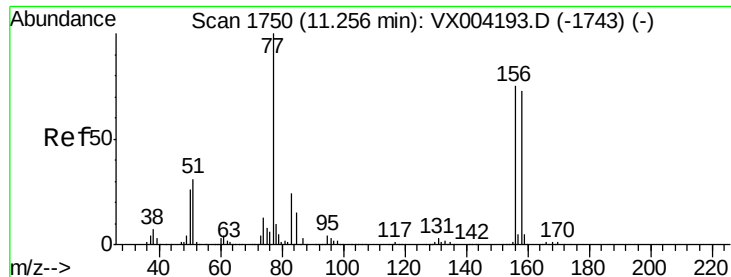
77 39.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.72 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBS01

Tot Ion:156 Resp: 92847

Ion Ratio Lower Upper

156 100

77 144.2 71.5 214.3

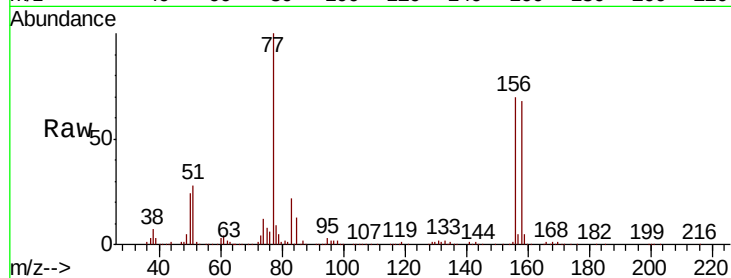
158 96.8 48.9 146.8

Manual Integrations

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MMDadoda

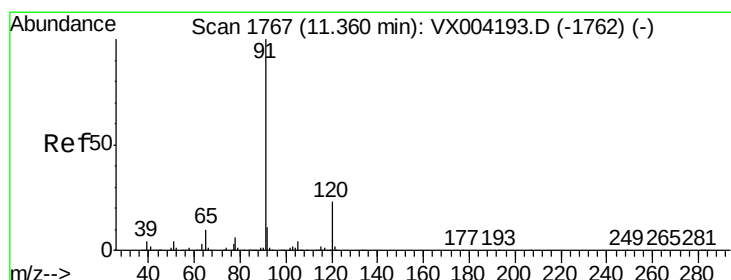
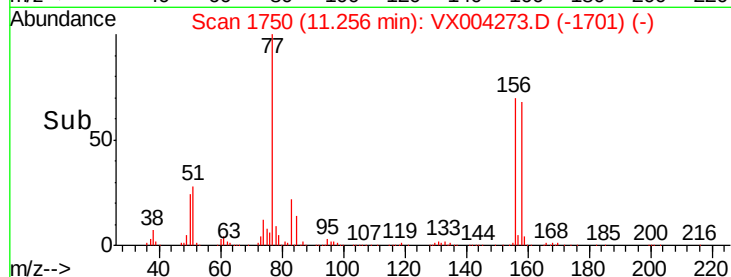
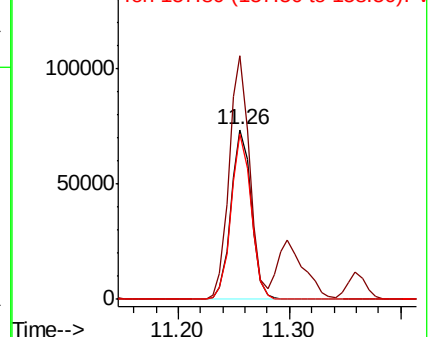
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.19 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004273.D

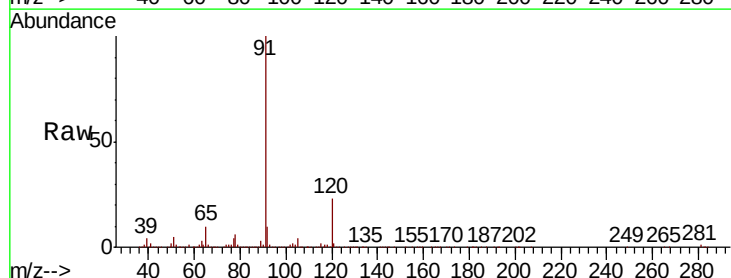
Acq: 28 Aug 2018 17:30

Tgt Ion: 91 Resp: 353879

Ion Ratio Lower Upper

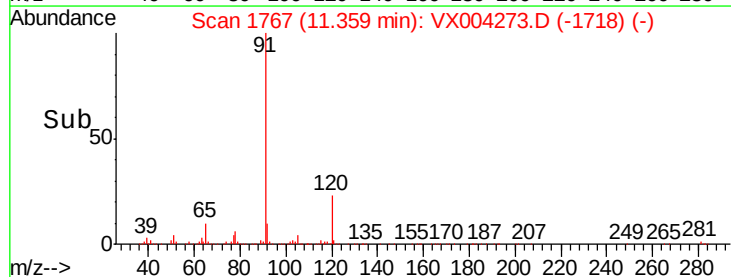
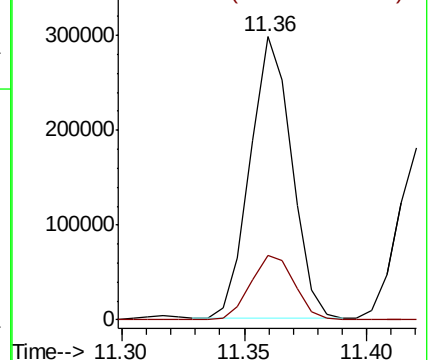
91 100

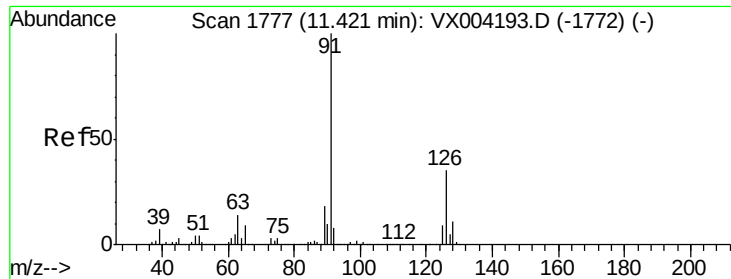
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.06 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBS01

Tot Ion: 91 Resp: 227264

Ion Ratio Lower Upper

91 100

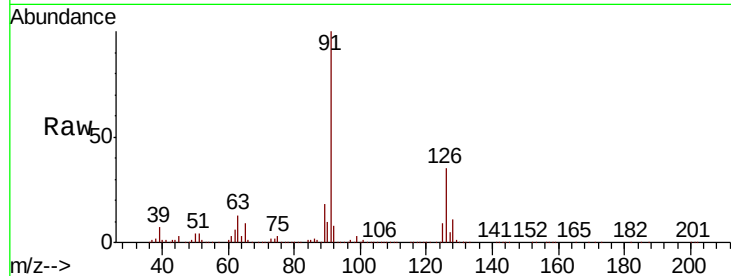
126 35.4 17.9 53.7

Manual Integrations

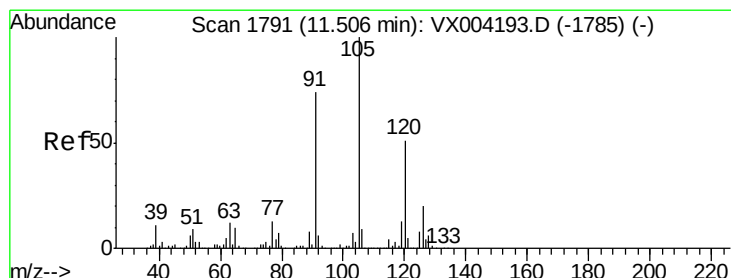
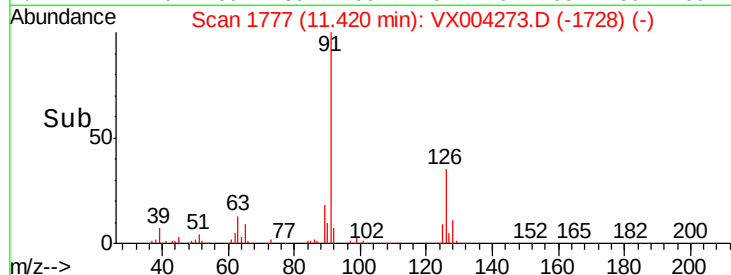
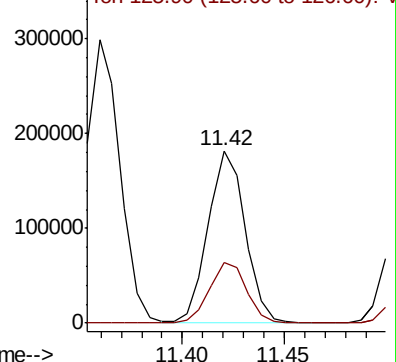
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Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.84 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004273.D

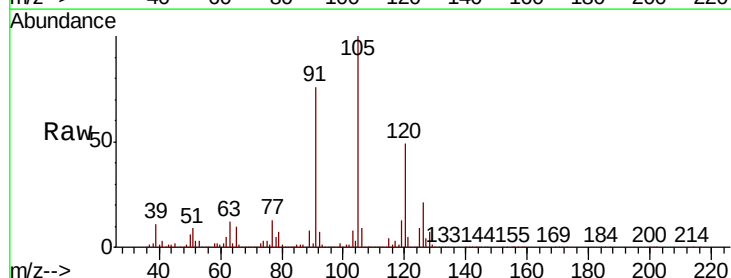
Acq: 28 Aug 2018 17:30

Tgt Ion: 105 Resp: 263062

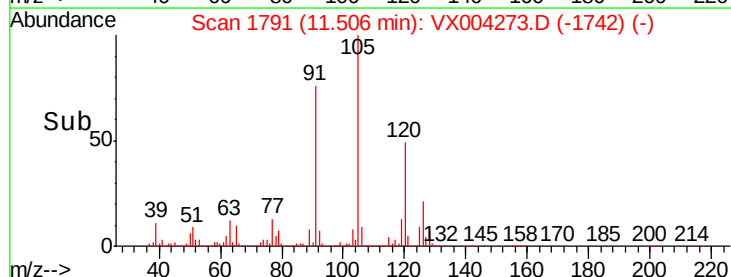
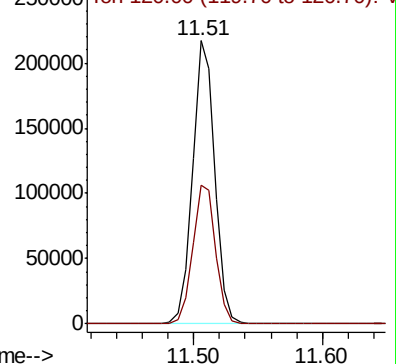
Ion Ratio Lower Upper

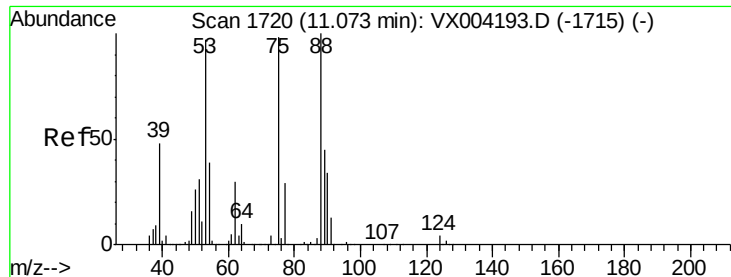
105 100

120 50.7 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004193.D (-1785) (-)





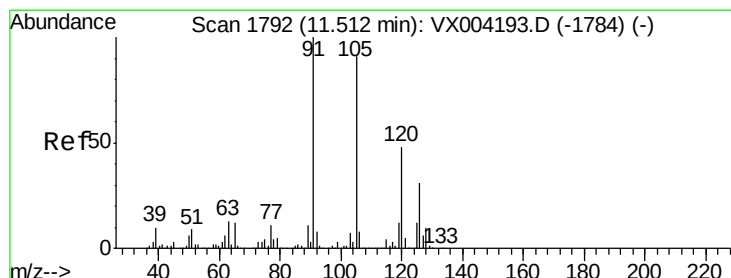
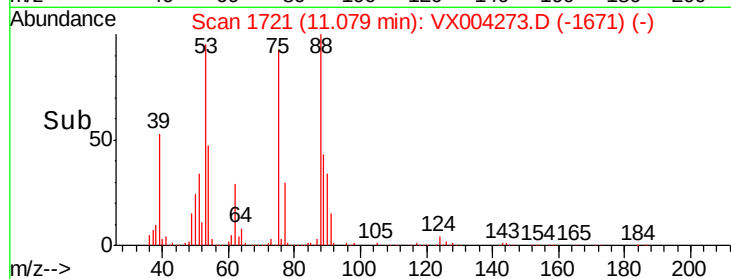
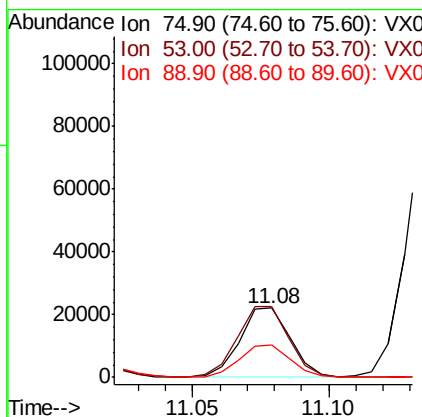
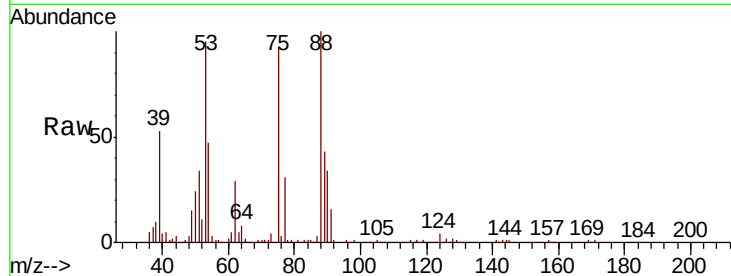
#81
trans-1,4-Dichloro-2-butene
Concen: 19.52 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.01 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.0	80.1	120.1
89	47.6	37.2	55.8

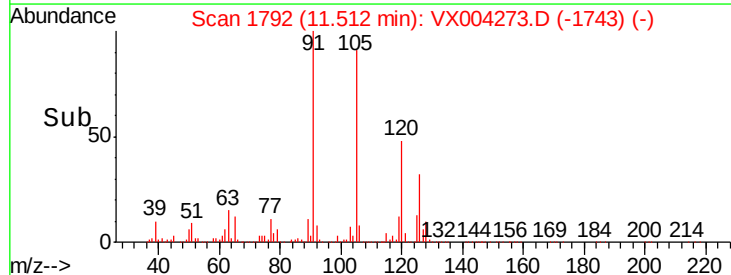
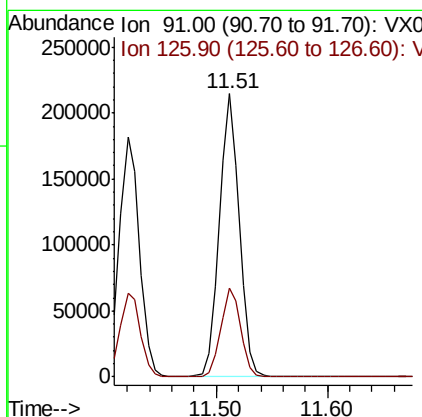
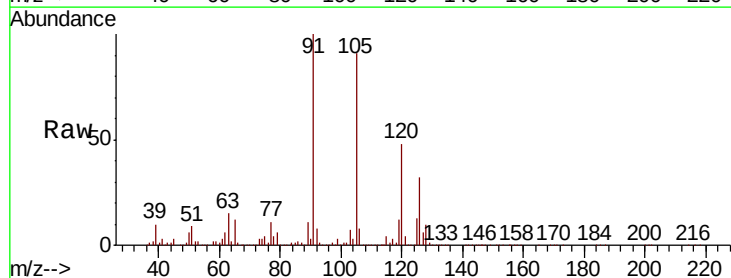
Manual Integrations
APPROVED

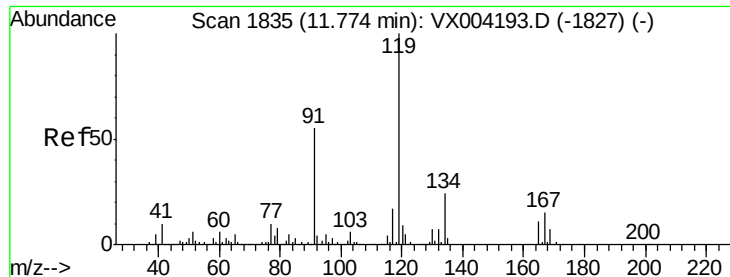
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#82
4-Chlorotoluene
Concen: 20.80 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.5	46.5





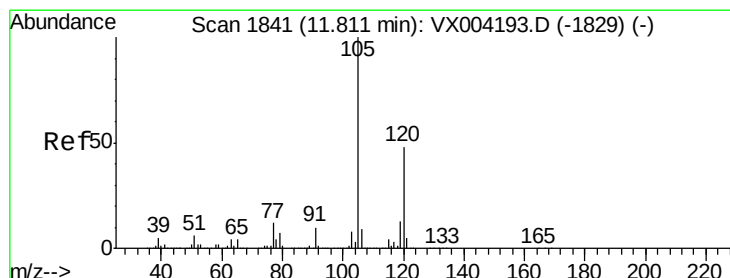
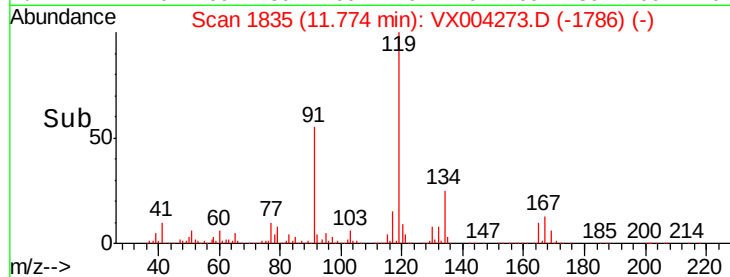
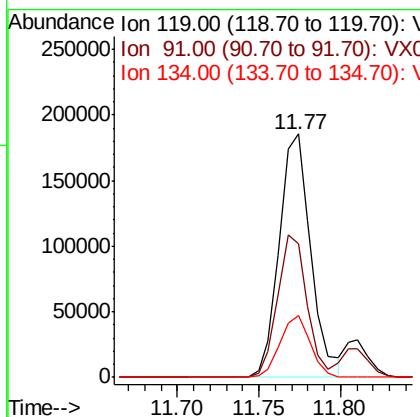
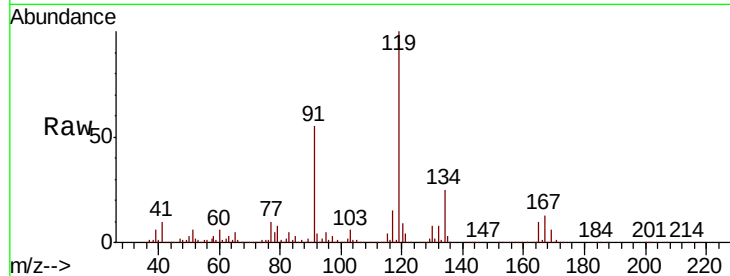
#83
 tert-Butylbenzene
 Concen: 19.70 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.7	27.0	81.0
134	24.3	11.7	35.1

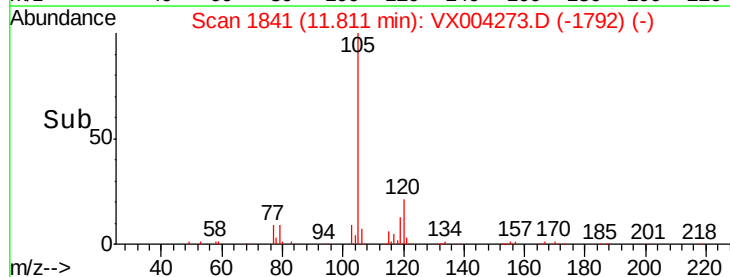
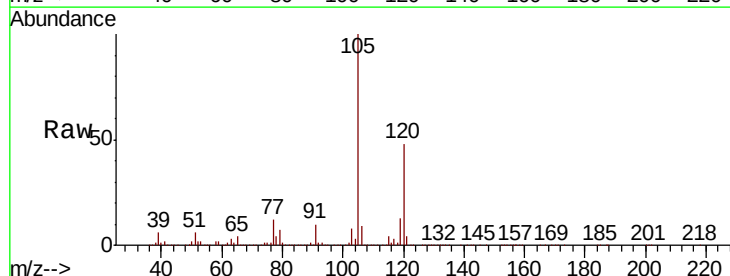
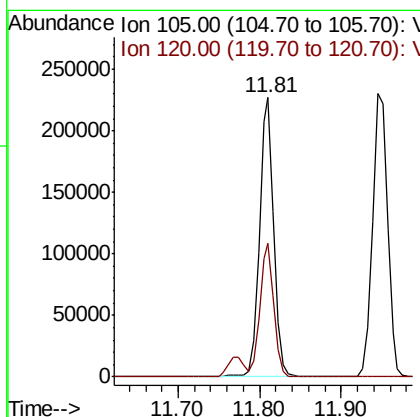
Manual Integrations
 APPROVED

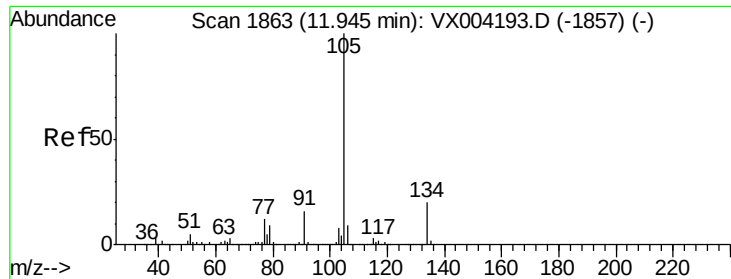
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.63 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.12 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBS01

Tot Ion:105 Resp: 288296

Ion Ratio Lower Upper

105 100

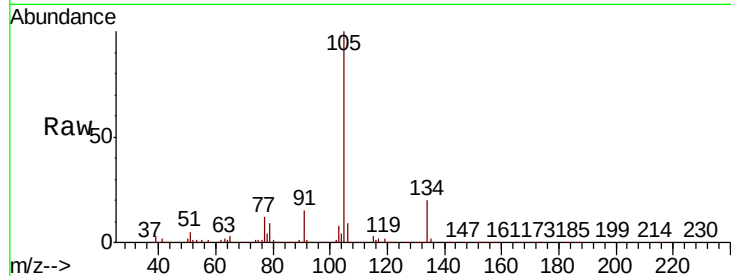
134 21.2 10.5 31.5

Manual Integrations

APPROVED

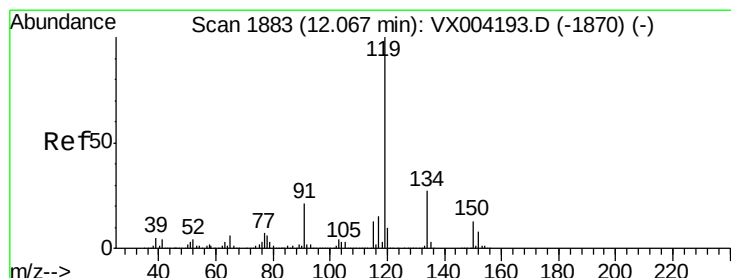
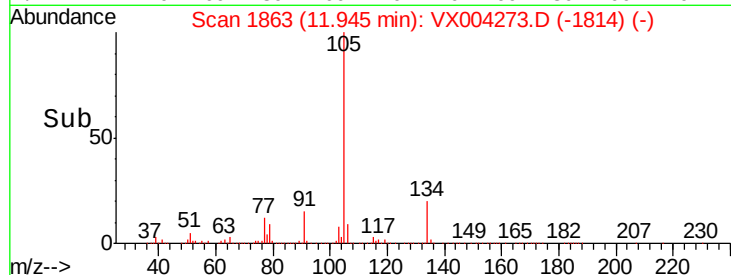
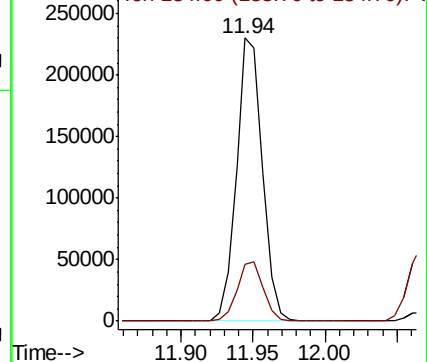
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.16 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004273.D

Acq: 28 Aug 2018 17:30

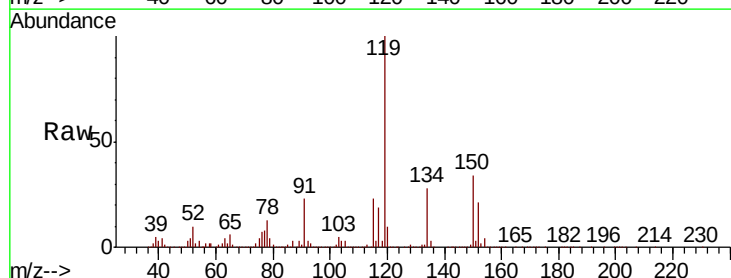
Tgt Ion:119 Resp: 245380

Ion Ratio Lower Upper

119 100

134 27.6 13.4 40.2

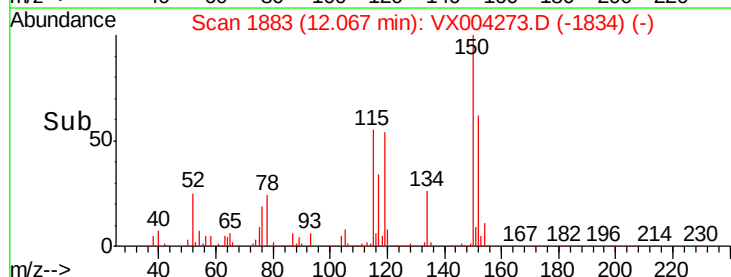
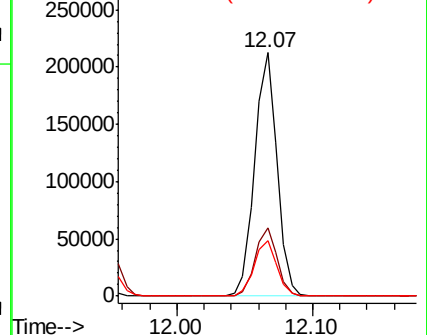
91 22.9 10.9 32.7

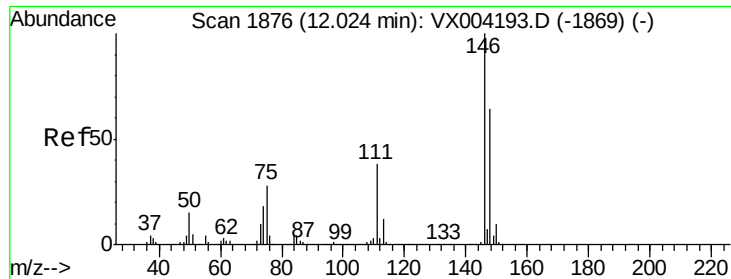


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





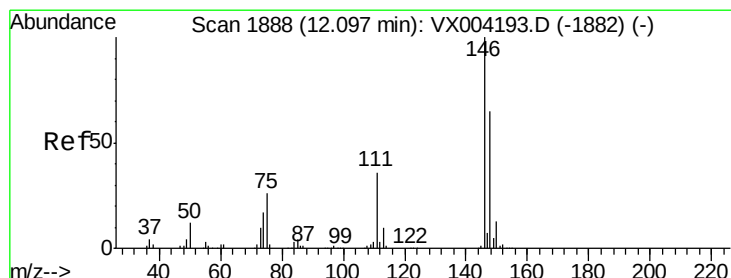
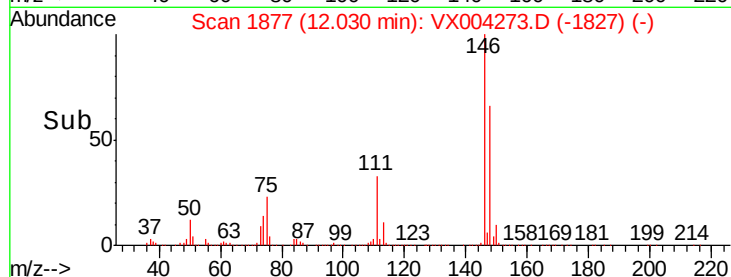
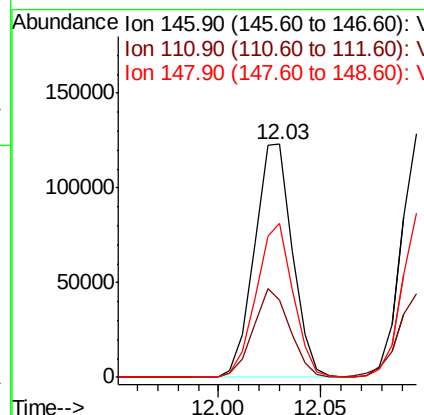
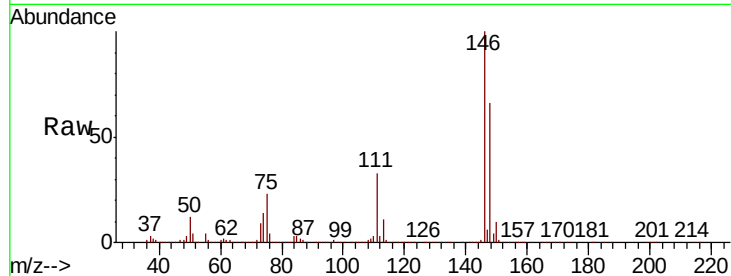
#87
 1,3-Dichlorobenzene
 Concen: 19.86 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	64.1	32.1	96.5

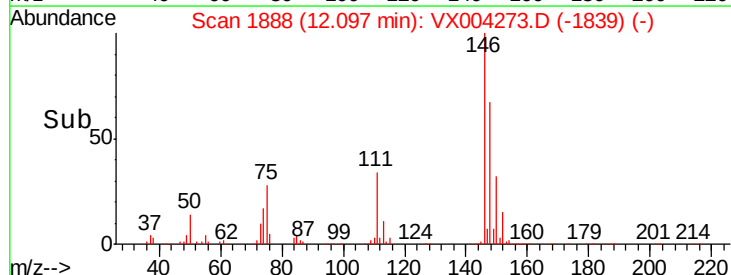
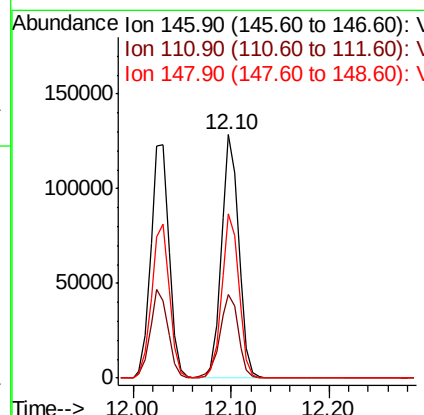
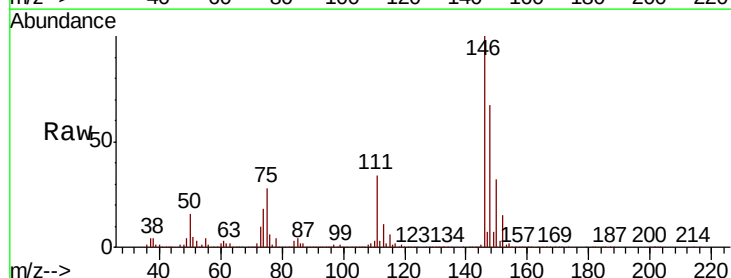
Manual Integrations
 APPROVED

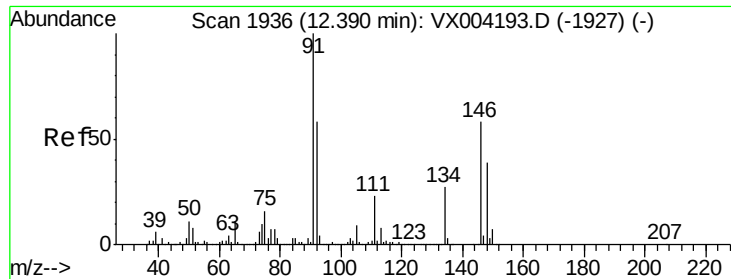
MMDadoda
 8/29/2018 5:51:19 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.47 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	66.8	32.0	96.0





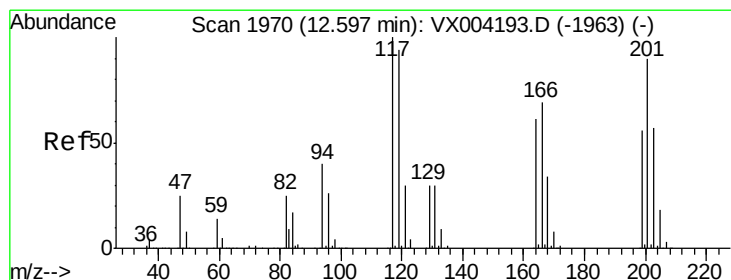
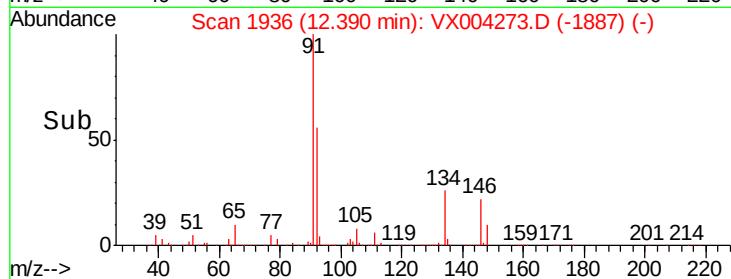
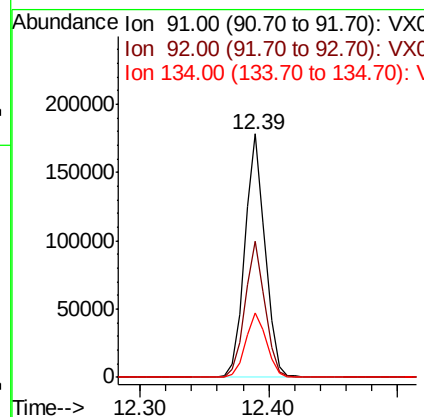
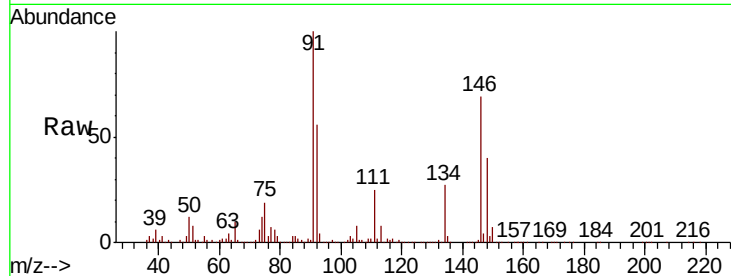
#89
n-Butylbenzene
Concen: 17.53 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	192595		
92	55.5	27.3	81.9	
134	27.5	13.6	40.7	

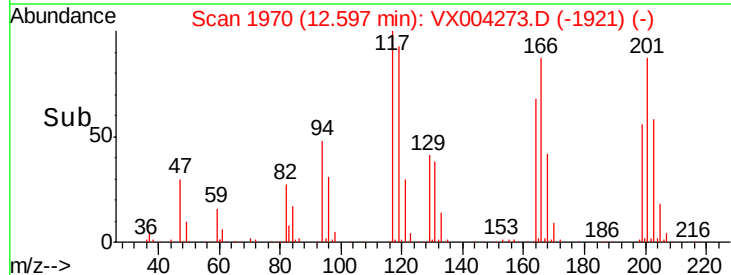
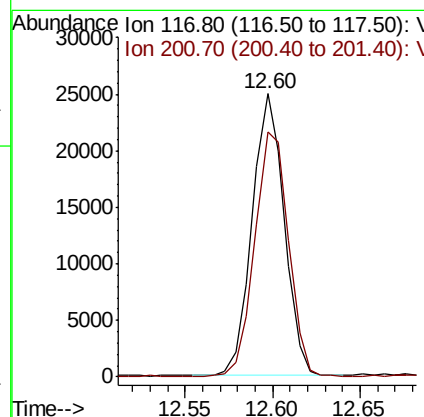
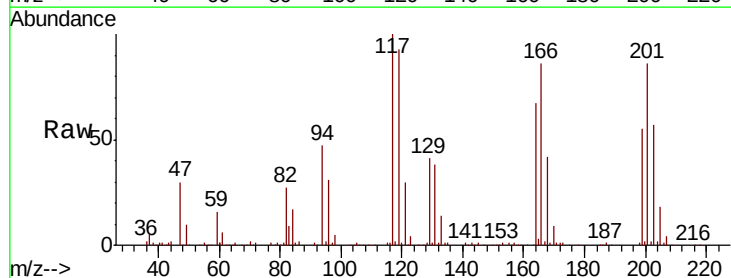
Manual Integrations
APPROVED

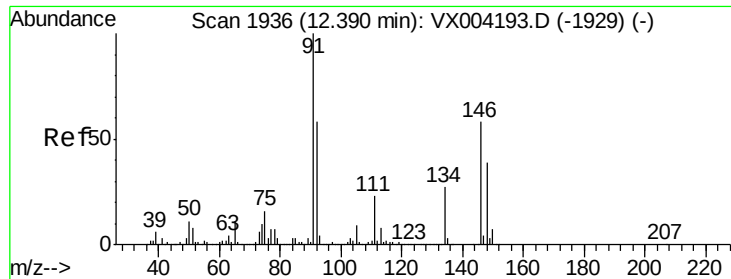
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#90
Hexachloroethane
Concen: 16.73 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31594		
201	91.6	46.9	140.6	





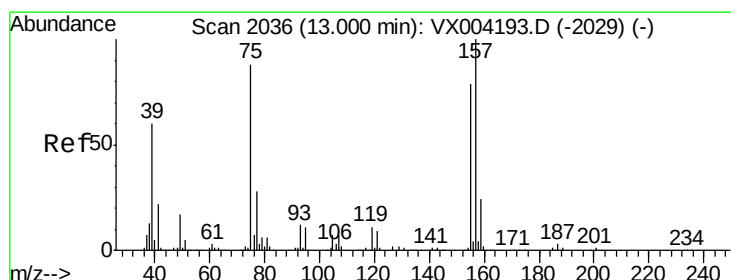
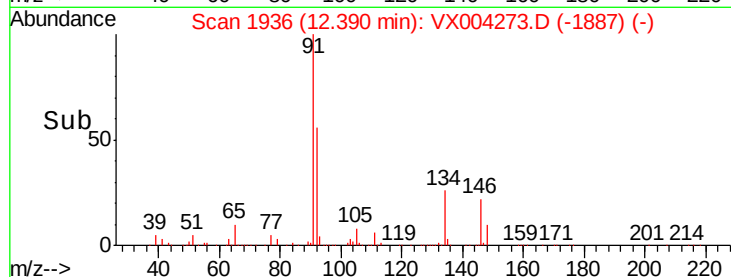
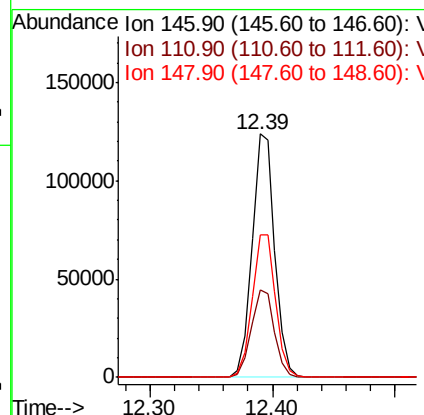
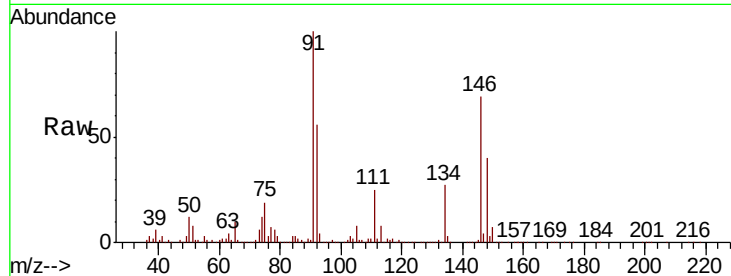
#91
 1,2-Dichlorobenzene
 Concen: 21.55 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.4	58.1
148	61.1	32.8	98.3

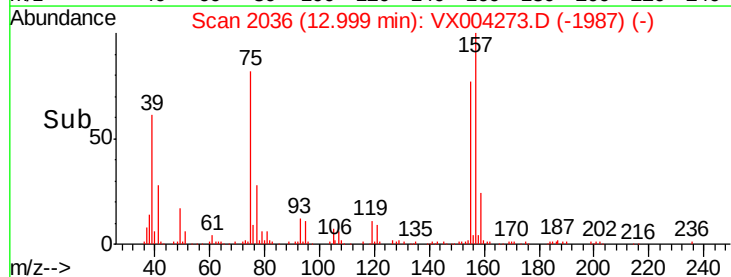
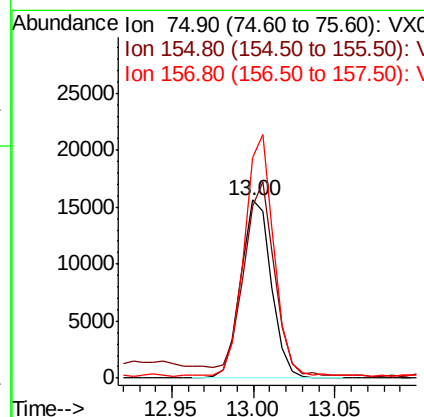
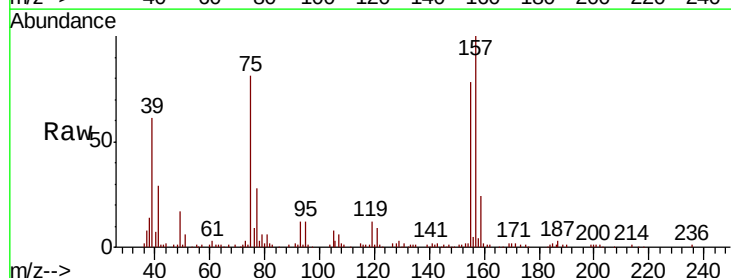
Manual Integrations
 APPROVED

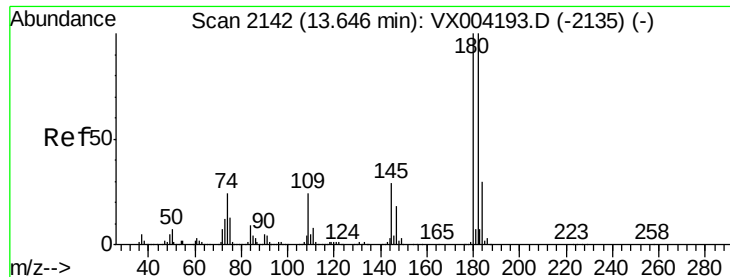
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 8/29/2018 5:51:19 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.73 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	110.8	48.0	144.2
157	132.5	61.4	184.1





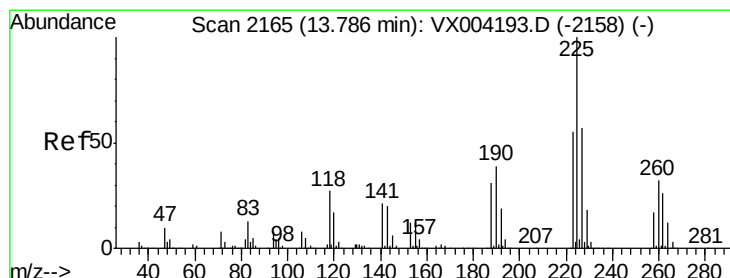
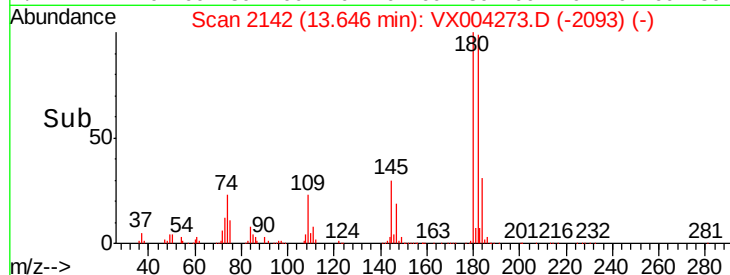
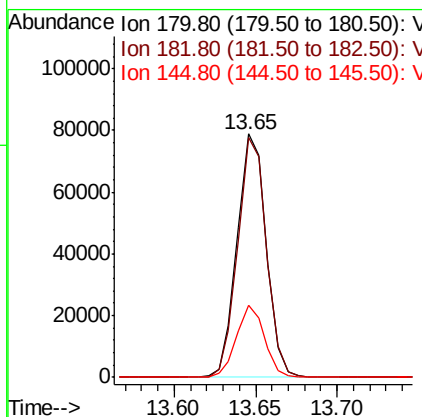
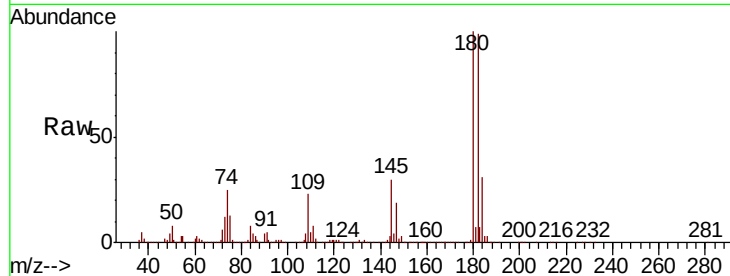
#93
 1,2,4-Trichlorobenzene
 Concen: 18.31 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Tot Ion:	180	Resp:	98001
Ion Ratio	Lower	Upper	
180	100		
182	97.6	48.4	145.0
145	28.4	14.3	42.9

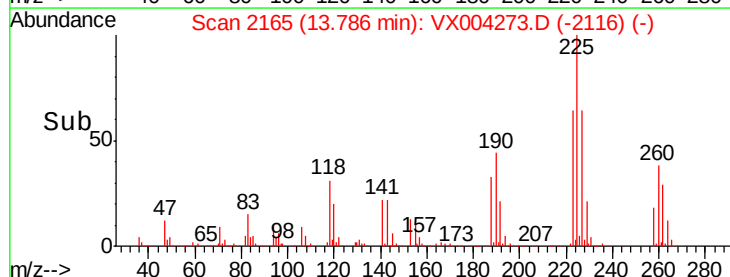
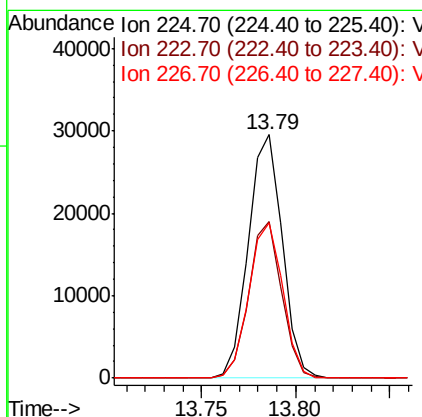
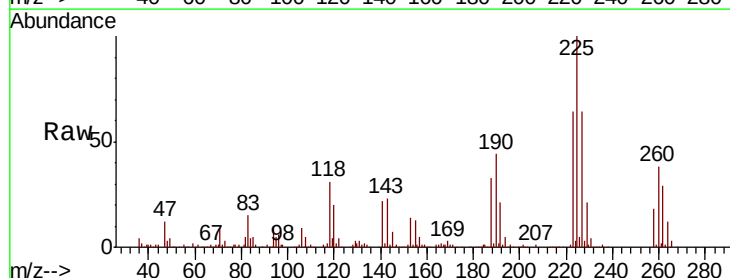
Manual Integrations
 APPROVED

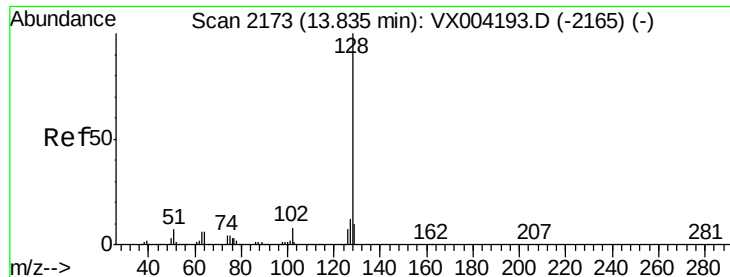
MMDadoda
 8/29/2018 5:51:19 PM



#94
 Hexachlorobutadiene
 Concen: 14.74 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004273.D
 Acq: 28 Aug 2018 17:30

Tgt Ion:	225	Resp:	36953
Ion Ratio	Lower	Upper	
225	100		
223	62.1	30.1	90.5
227	63.5	30.8	92.4





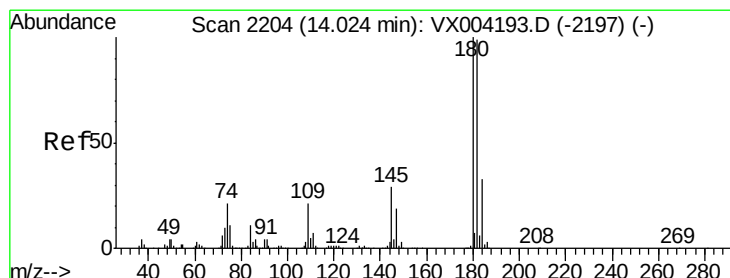
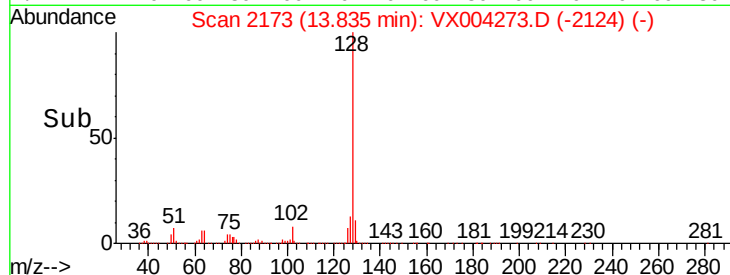
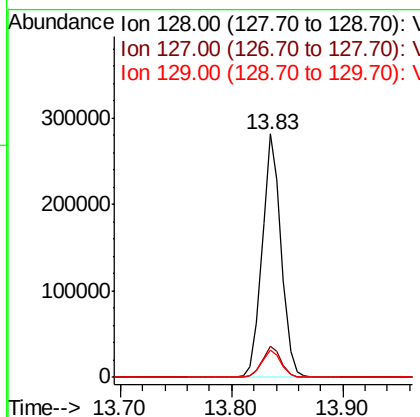
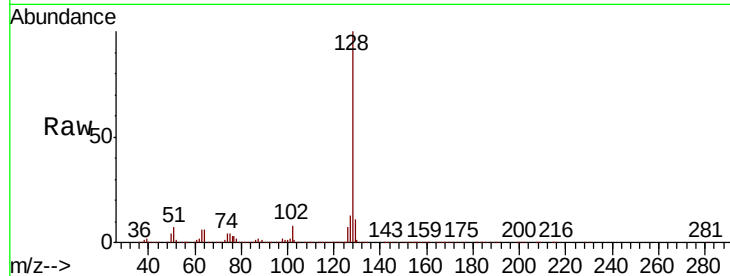
#95
Naphthalene
Concen: 22.14 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
8/29/2018 5:51:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.16 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004273.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.5	145.6
145	29.2	14.9	44.9

