

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006087.D
 Acq On : 19 Nov 2018 13:28
 Operator : JC/MD
 Sample : VX1119MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 9:59:38 AM

Quant Time: Nov 19 15:09:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	176029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	133218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	74084	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	64813	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	5.51	113	56495	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.71	98	171160	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	
62) 4-Bromofluorobenzene	11.14	95	63401	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	17380	16.14	ug/l	100
3) Chloromethane	1.32	50	23209	16.42	ug/l	99
4) Vinyl Chloride	1.40	62	23302	16.42	ug/l	96
5) Bromomethane	1.64	94	13365	15.39	ug/l	88
6) Chloroethane	1.72	64	16172	19.10	ug/l	94
7) Trichlorofluoromethane	1.93	101	31566	16.76	ug/l	100
8) Diethyl Ether	2.18	74	14258	19.32	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	19396	17.91	ug/l	100
10) Methyl Iodide	2.51	142	21923	16.70	ug/l	98
11) Tert butyl alcohol	3.06	59	32080	81.56	ug/l	99
12) 1,1-Dichloroethene	2.37	96	18359	17.39	ug/l	89
13) Acrolein	2.29	56	17174	103.72	ug/l	98
14) Allyl chloride	2.73	41	41619	17.65	ug/l	99
15) Acrylonitrile	3.15	53	79901	98.02	ug/l	99
16) Acetone	2.45	43	69476	93.98	ug/l	95
17) Carbon Disulfide	2.57	76	48808	15.50	ug/l	99
18) Methyl Acetate	2.78	43	41813	20.22	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	70706	19.62	ug/l	95
20) Methylene Chloride	2.85	84	22833	18.80	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	19406	17.43	ug/l	93
22) Diisopropyl ether	3.87	45	77238	18.70	ug/l	89
23) Vinyl Acetate	3.82	43	311582	87.98	ug/l	98
24) 1,1-Dichloroethane	3.69	63	42400	19.24	ug/l	98
25) 2-Butanone	4.70	43	106302	91.46	ug/l	98
26) 2,2-Dichloropropane	4.59	77	29735	18.40	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	23191	18.86	ug/l	97
28) Bromochloromethane	5.01	49	20258	20.57	ug/l	94
29) Tetrahydrofuran	5.15	42	66435	89.02	ug/l	96
30) Chloroform	5.22	83	41350	19.45	ug/l	99
31) Cyclohexane	5.58	56	31142	16.28	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	33154	18.70	ug/l	98
36) 1,1-Dichloropropene	5.80	75	26947	15.88	ug/l	97
37) Ethyl Acetate	4.86	43	36977	16.57	ug/l	100
38) Carbon Tetrachloride	5.79	117	28464	16.75	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	24622	14.32	ug/l	97
40) Benzene	6.15	78	86028	17.39	ug/l	99
41) Methacrylonitrile	5.06	41	21235	17.61	ug/l	97
42) 1,2-Dichloroethane	6.20	62	30034	16.95	ug/l	99
43) Isopropyl Acetate	6.46	43	53274	16.48	ug/l	97
44) Trichloroethene	7.22	130	22403	17.83	ug/l	95
45) 1,2-Dichloropropane	7.52	63	20538	17.10	ug/l	98
46) Dibromomethane	7.66	93	12845	17.05	ug/l	96
47) Bromodichloromethane	7.90	83	25509	17.91	ug/l	95
48) Methyl methacrylate	7.77	41	23234	16.00	ug/l	98
49) 1,4-Dioxane	7.75	88	9480	303.00	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	169060	82.96	ug/l	99
52) Toluene	8.79	92	44357	16.04	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	26259	15.63	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	29058	16.97	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	19453	15.79	ug/l	95
56) Ethyl methacrylate	9.18	69	26614	14.44	ug/l	99
57) 1,3-Dichloropropane	9.37	76	32219	15.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	74628	80.10	ug/l	100
59) 2-Hexanone	9.49	43	130235	72.50	ug/l	99
60) Dibromochloromethane	9.59	129	20710	15.55	ug/l	100
61) 1,2-Dibromoethane	9.67	107	19985	14.67	ug/l	100
64) Tetrachloroethene	9.34	164	20897	18.42	ug/l	98
65) Chlorobenzene	10.14	112	51459	19.28	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	18863	20.33	ug/l	97
67) Ethyl Benzene	10.25	91	84587	19.77	ug/l	100
68) m/p-Xylenes	10.36	106	65744	40.28	ug/l	99
69) o-Xylene	10.70	106	31054	21.22	ug/l	99
70) Styrene	10.71	104	53129	22.00	ug/l	99
71) Bromoform	10.86	173	17211	22.13	ug/l #	100
73) Isopropylbenzene	11.02	105	87698	20.47	ug/l	99
74) N-amyl acetate	10.90	43	38050	16.68	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	31150	19.81	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	30047m	19.92	ug/l	
77) Bromobenzene	11.26	156	24140	19.99	ug/l	97
78) n-propylbenzene	11.36	91	100386	19.88	ug/l	100
79) 2-Chlorotoluene	11.42	91	61223	20.06	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	73749	20.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9135	19.30	ug/l	98
82) 4-Chlorotoluene	11.51	91	70714	19.66	ug/l	98
83) tert-Butylbenzene	11.77	119	72274	19.62	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	75987	18.84	ug/l	100
85) sec-Butylbenzene	11.94	105	88754	19.71	ug/l	100
86) p-Isopropyltoluene	12.07	119	79027	19.81	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	43348	18.70	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	44503	18.76	ug/l	99
89) n-Butylbenzene	12.39	91	67048	18.13	ug/l	99
90) Hexachloroethane	12.60	117	12913	19.39	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	44167	19.02	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7183	18.72	ug/l	94

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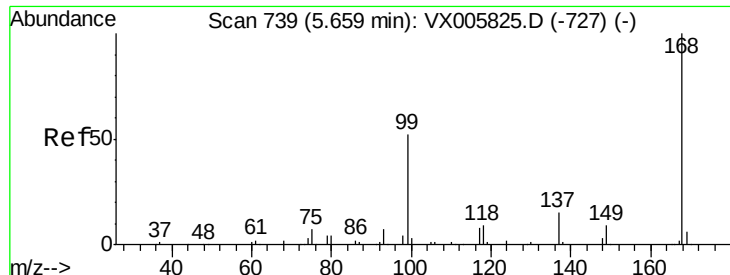
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	32259	19.74	ug/l	100
94) Hexachlorobutadiene	13.79	225	15650	18.23	ug/l	99
95) Naphthalene	13.83	128	97236	18.99	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	33940	20.38	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

Tgt Ion: 168 Resp: 119435

Ion Ratio Lower Upper

168 100

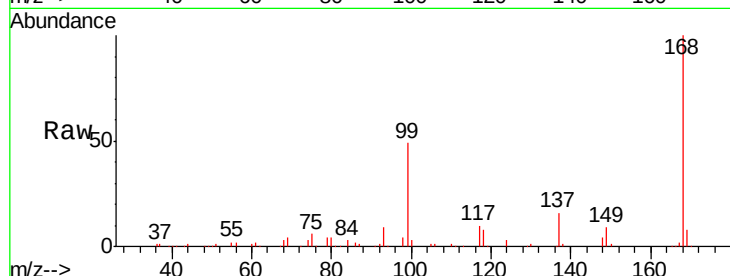
99 49.1 40.7 61.1

Manual Integrations

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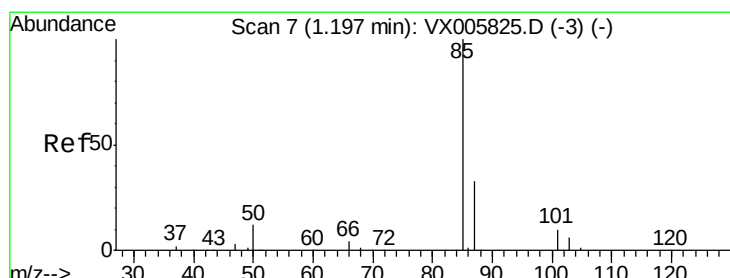
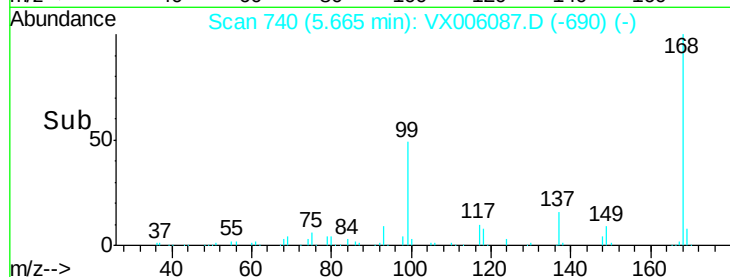


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 16.14 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006087.D

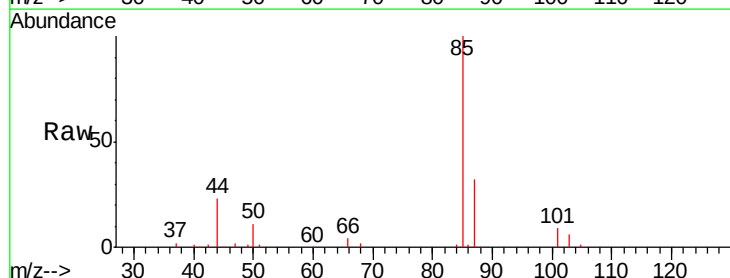
Acq: 19 Nov 2018 13:28

Tgt Ion: 85 Resp: 17380

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.9

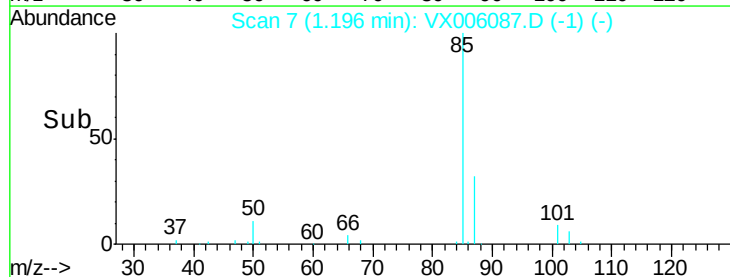


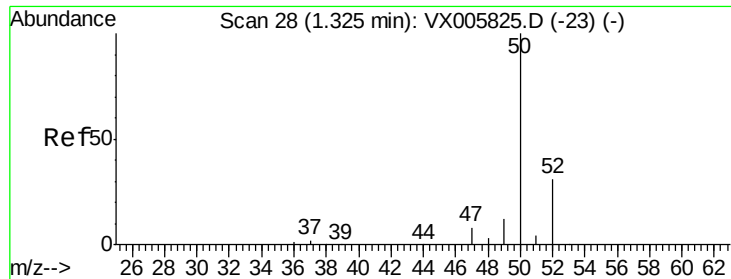
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 16.42 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

Tgt Ion: 50 Resp: 23209

Ion Ratio Lower Upper

50 100

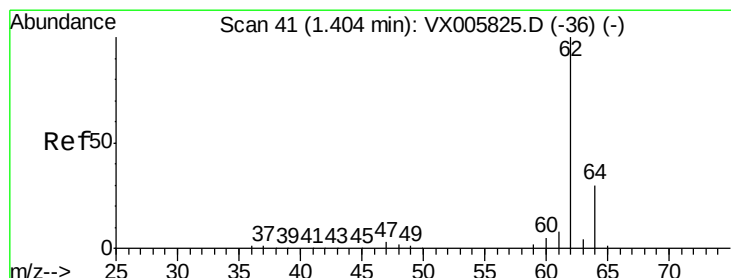
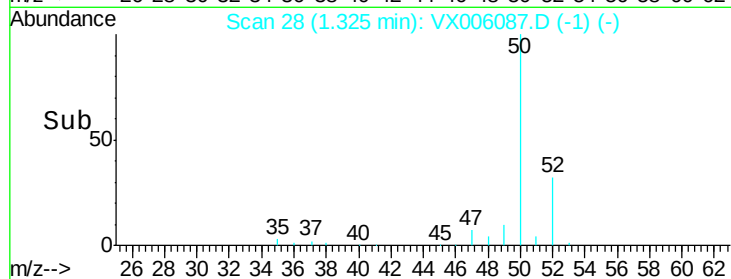
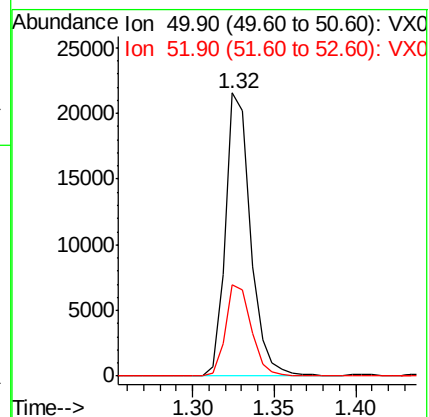
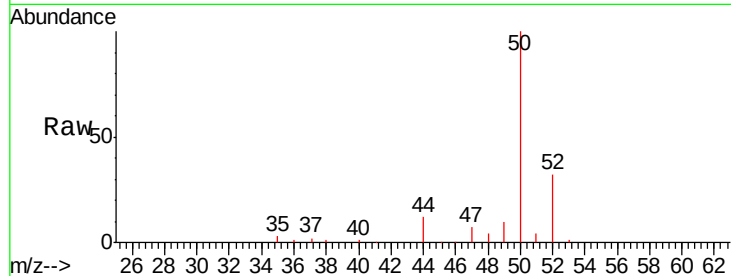
52 32.2 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.42 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX006087.D

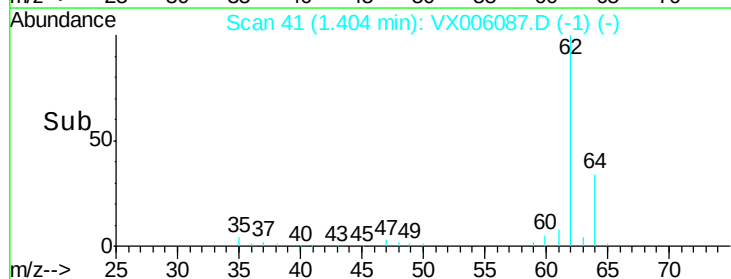
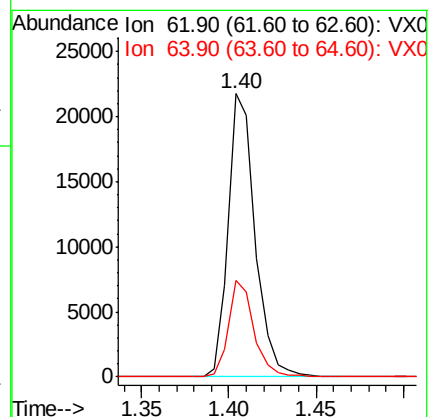
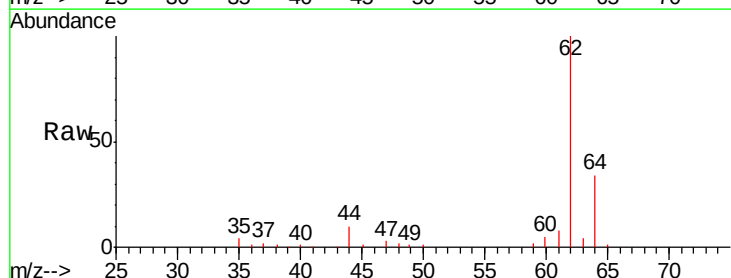
Acq: 19 Nov 2018 13:28

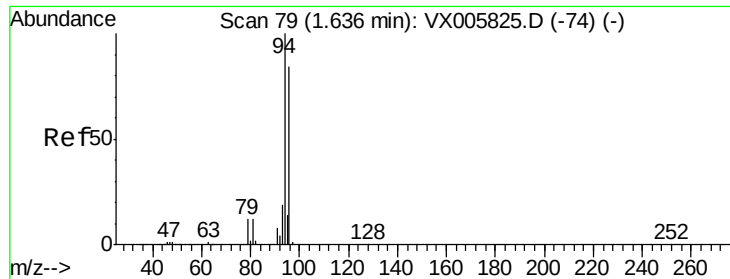
Tgt Ion: 62 Resp: 23302

Ion Ratio Lower Upper

62 100

64 33.9 25.3 37.9





#5

Bromomethane

Concen: 15.39 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

Tgt Ion: 94 Resp: 13365

Ion Ratio Lower Upper

94 100

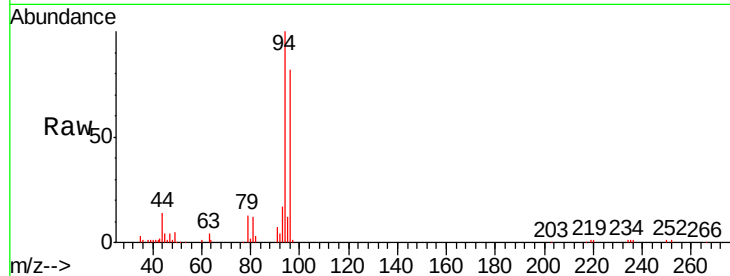
96 82.1 75.2 112.8

Manual Integrations

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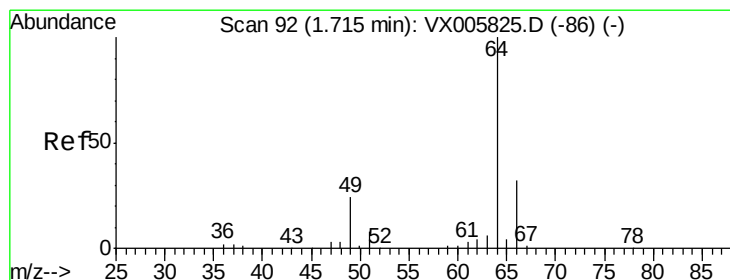
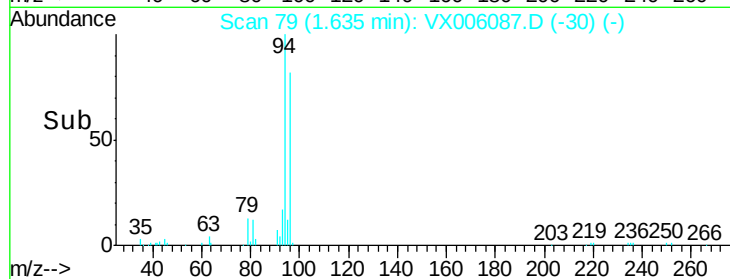
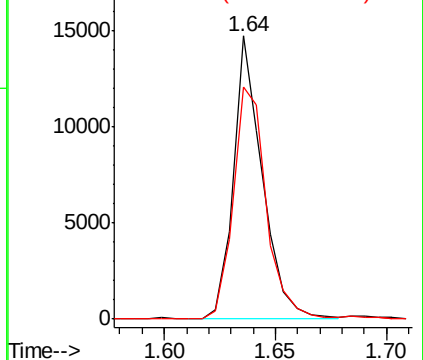
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.10 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006087.D

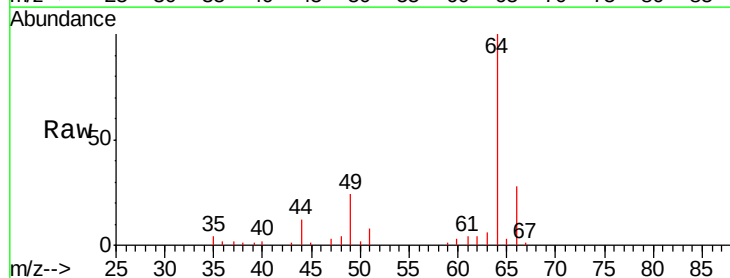
Acq: 19 Nov 2018 13:28

Tgt Ion: 64 Resp: 16172

Ion Ratio Lower Upper

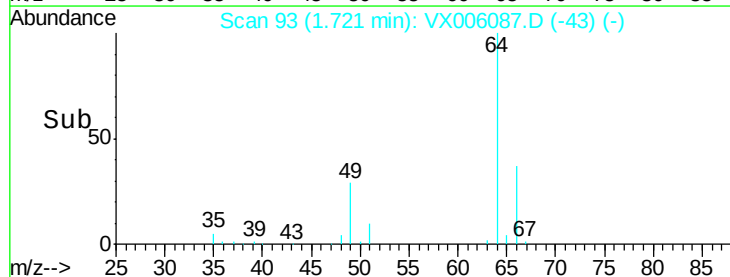
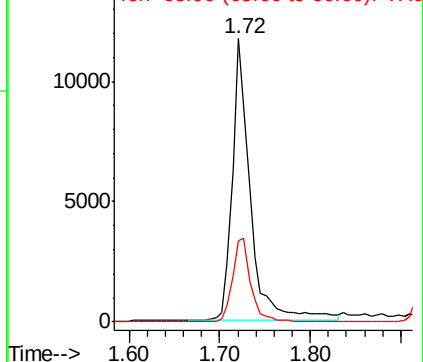
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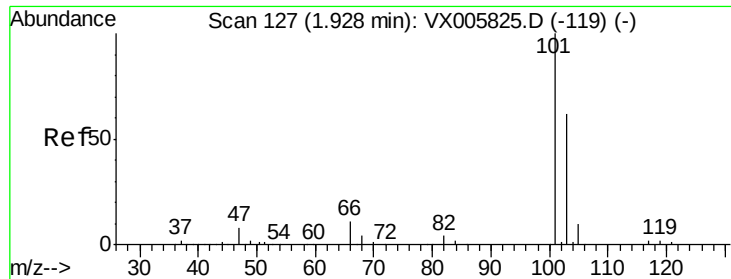
66 28.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 16.76 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX006087.D

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Instrument :

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ClientSampleId :

VX1119MBS01

Tgt Ion: 101 Resp: 31566

Ion Ratio Lower Upper

101 100

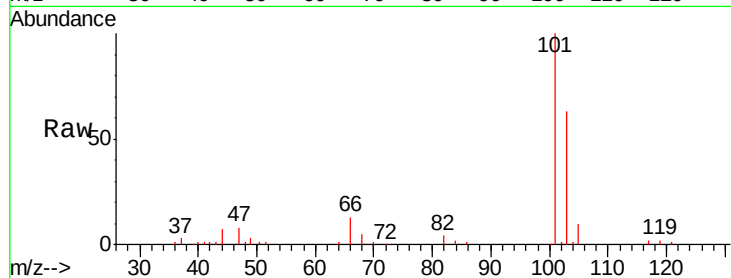
103 62.6 50.0 75.0

Manual Integrations

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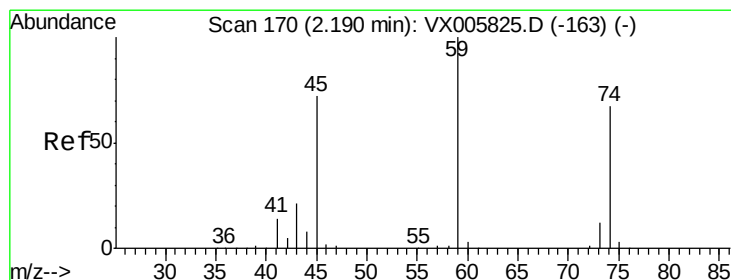
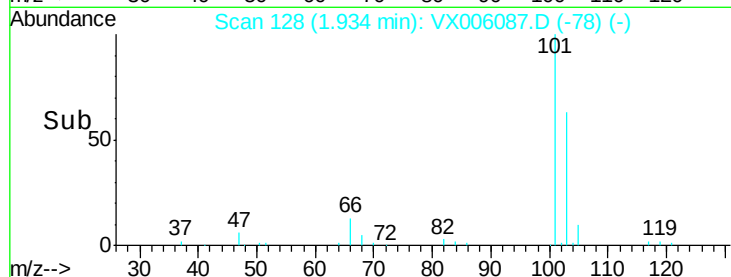
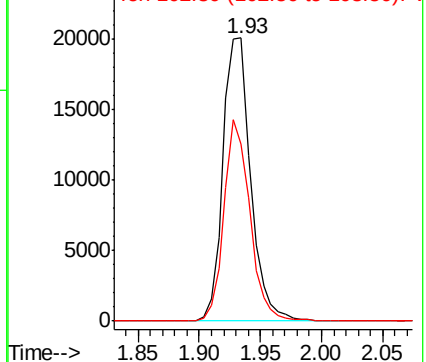
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.32 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX006087.D

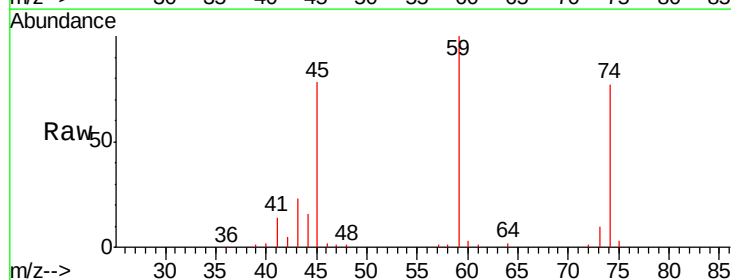
Acq: 19 Nov 2018 13:28

Tgt Ion: 74 Resp: 14258

Ion Ratio Lower Upper

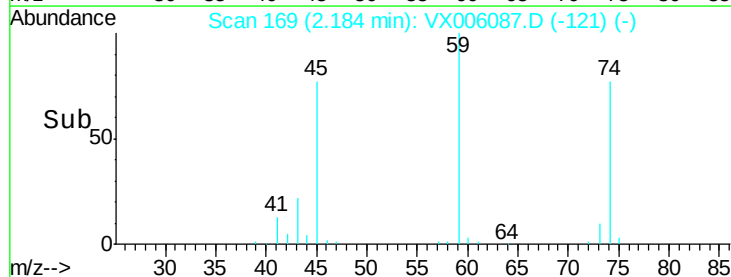
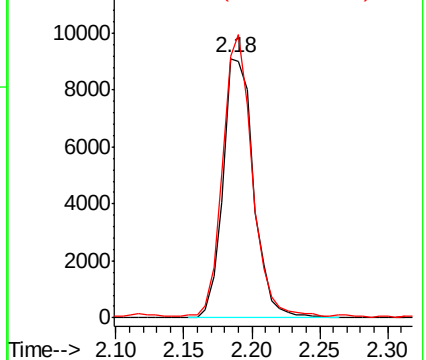
74 100

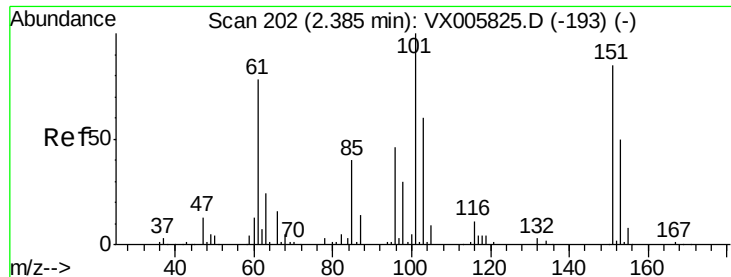
45 103.4 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





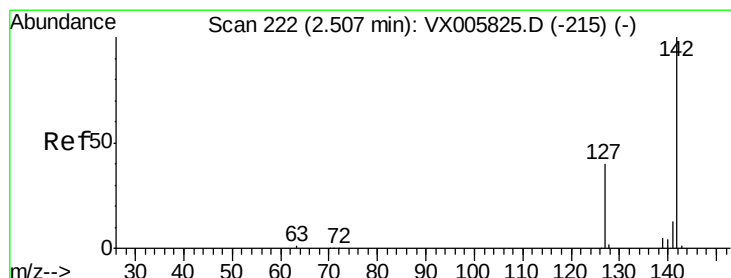
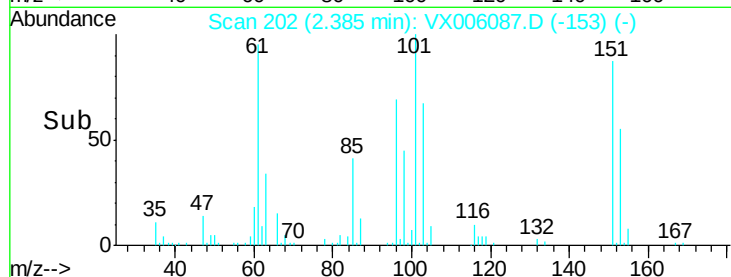
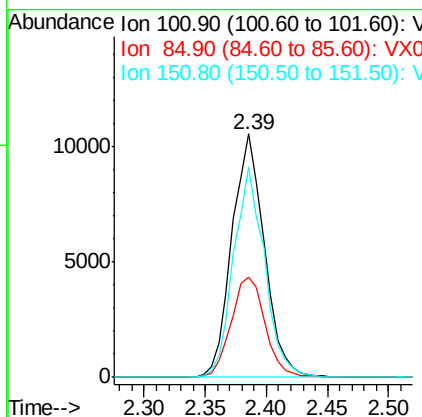
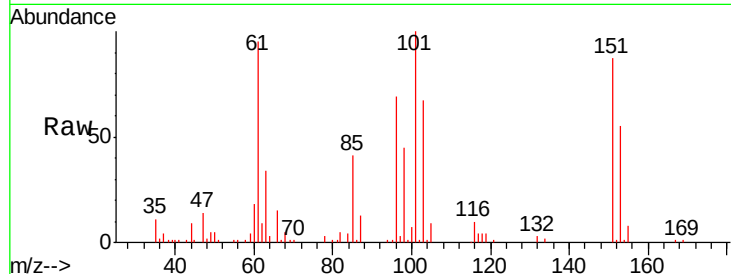
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.91 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	19396		
85	43.2	35.0	52.4	
151	82.7	66.2	99.2	

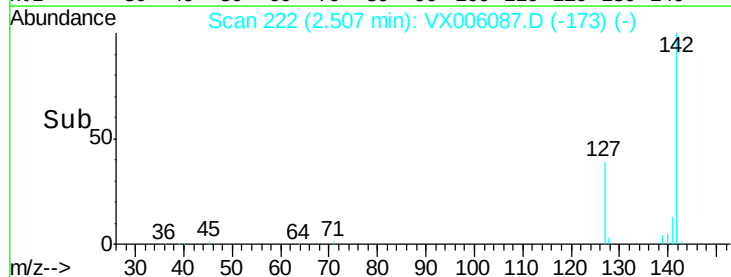
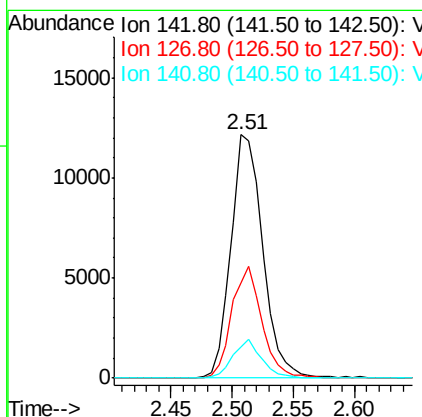
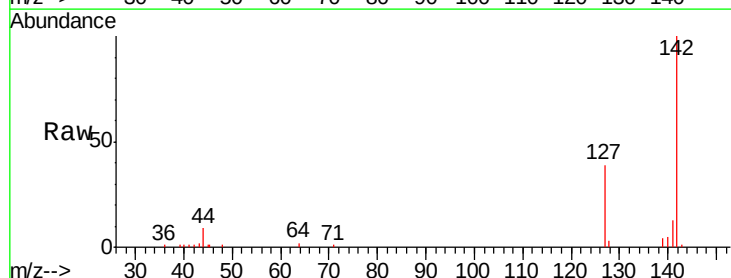
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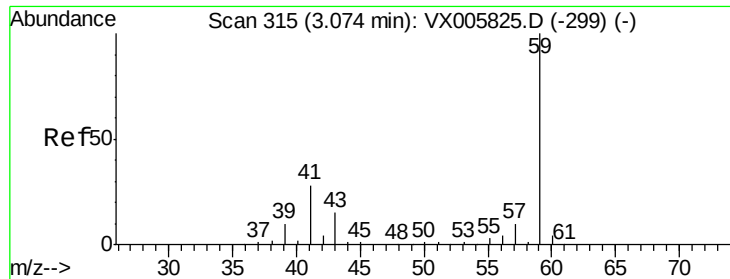
MMDadoda
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#10
Methyl Iodide
Concen: 16.70 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	21923		
127	43.2	36.0	54.0	
141	14.2	11.7	17.5	





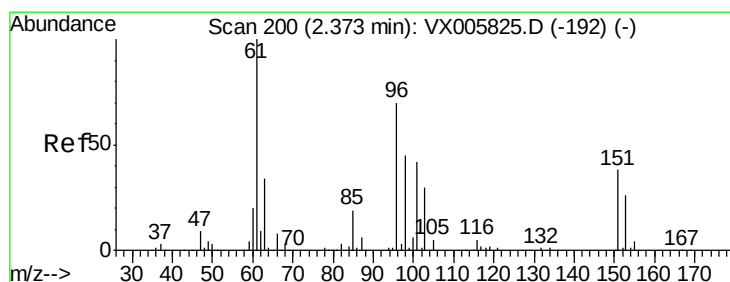
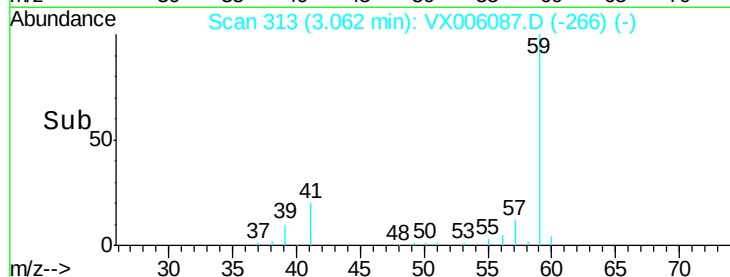
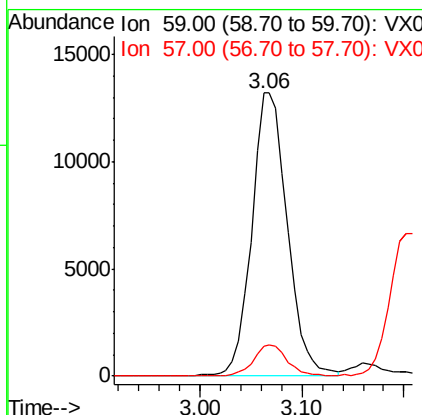
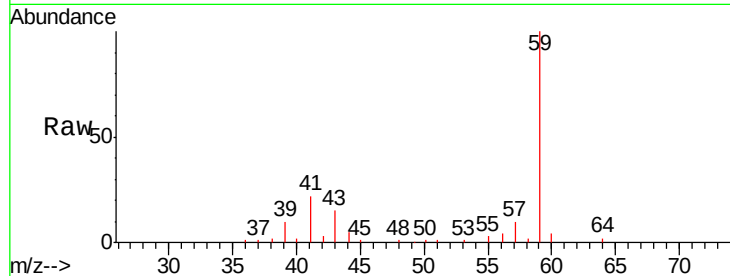
#11
Tert butyl alcohol
Concen: 81.56 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion: 59 Resp: 32080
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

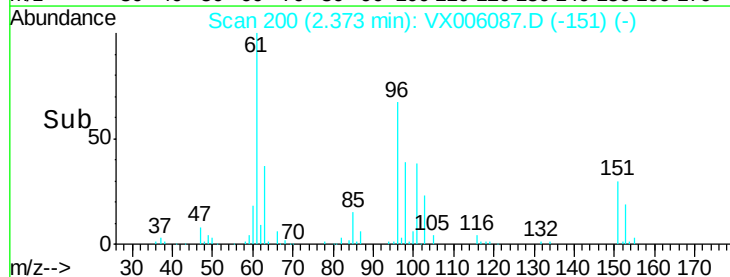
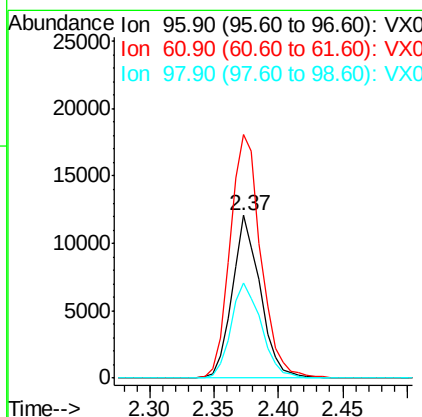
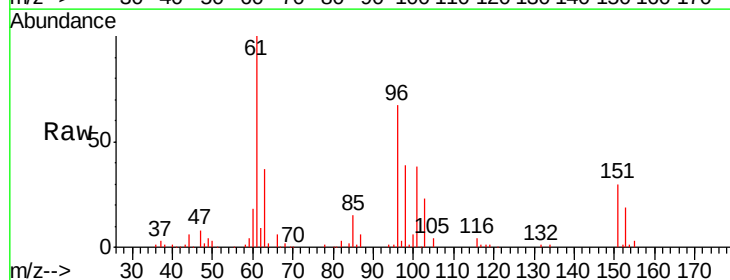
Manual Integrations
APPROVED

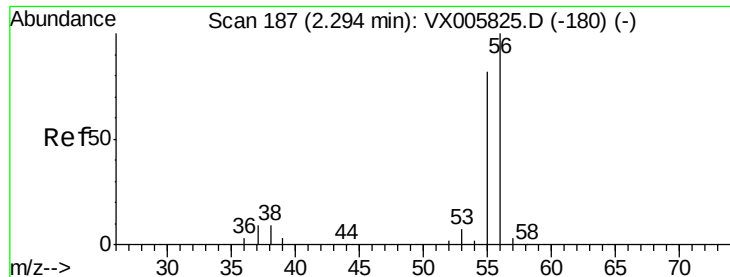
MMDadoda
11/20/2018 9:59:38 AM



#12
1,1-Dichloroethene
Concen: 17.39 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion: 96 Resp: 18359
Ion Ratio Lower Upper
96 100
61 150.0 131.8 197.8
98 58.7 53.4 80.2





#13

Acrolein

Concen: 103.72 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

Tgt Ion: 56 Resp: 17174

Ion Ratio Lower Upper

56 100

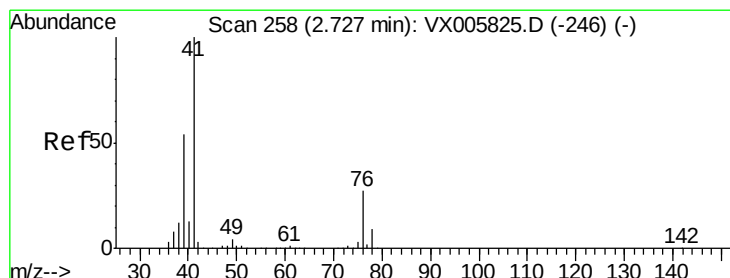
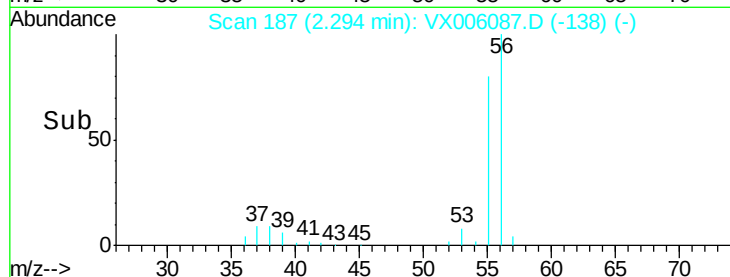
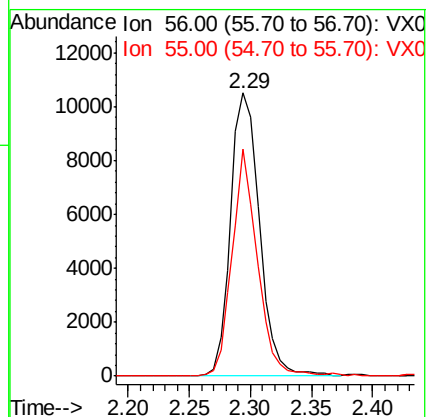
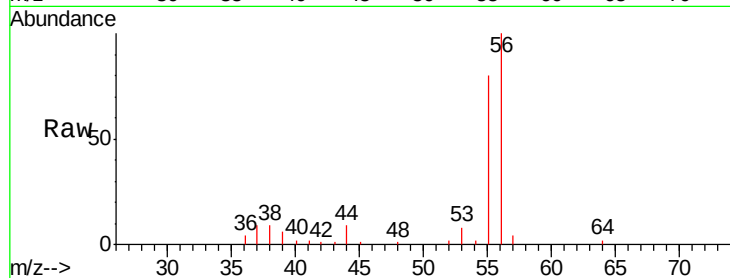
55 70.0 57.3 85.9

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#14

Allyl chloride

Concen: 17.65 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

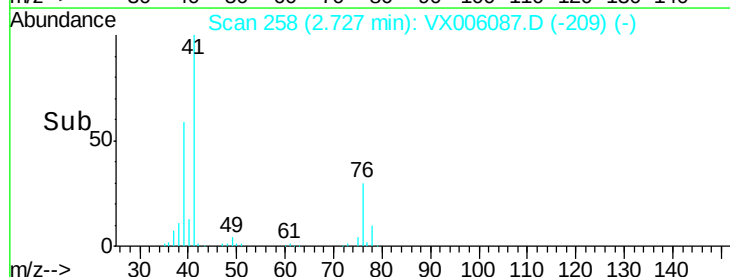
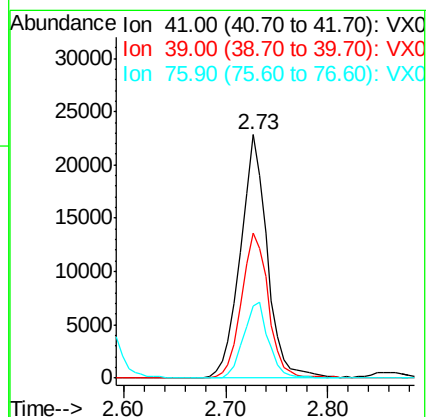
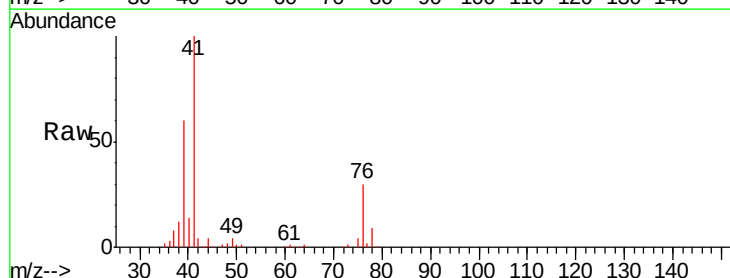
Tgt Ion: 41 Resp: 41619

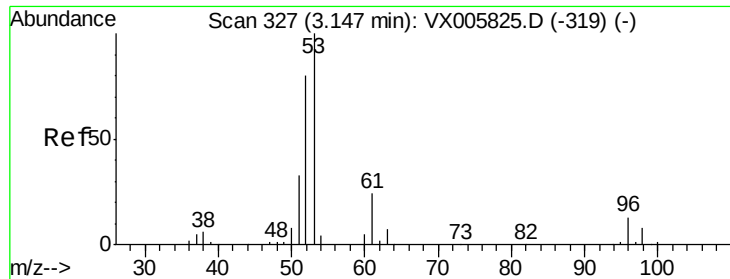
Ion Ratio Lower Upper

41 100

39 60.4 48.2 72.4

76 28.9 21.9 32.9





#15

Acrylonitrile

Concen: 98.02 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

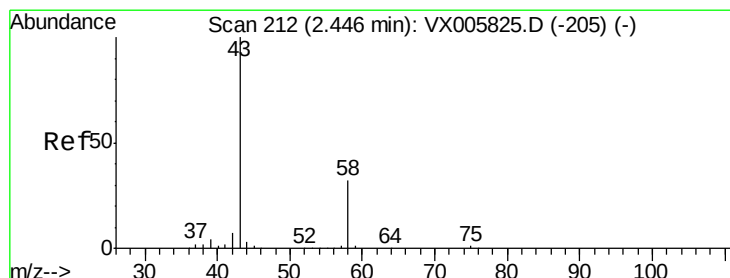
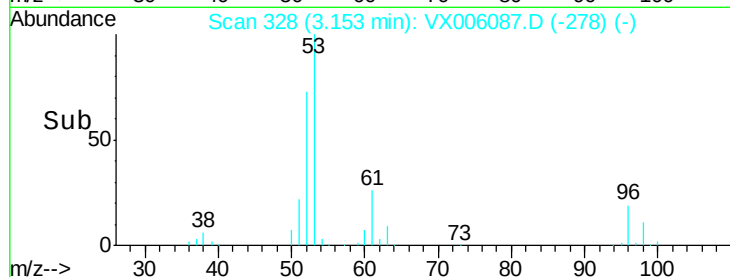
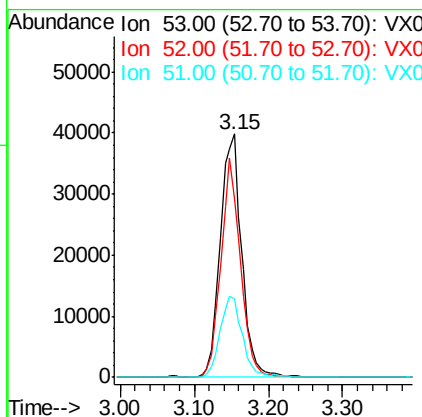
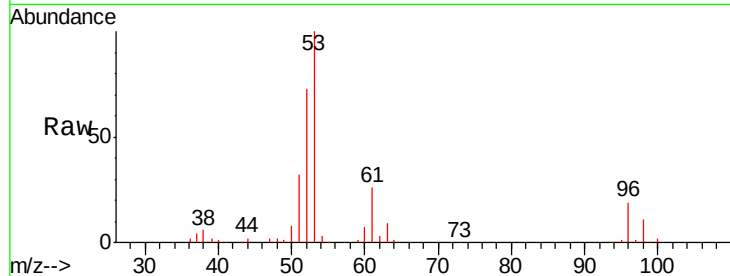
ClientSampleId :

VX1119MBS01

Tgt Ion:	53	Resp:	79901
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.6	99.8
51	34.9	28.4	42.6

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#16

Acetone

Concen: 93.98 ug/l

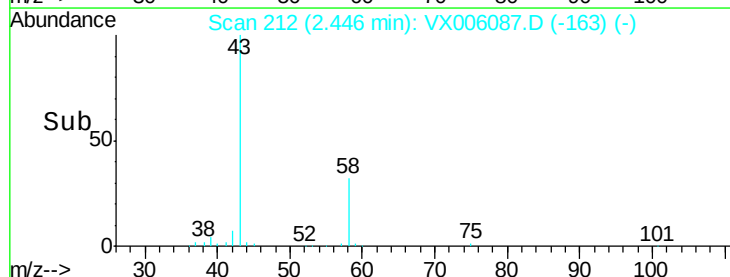
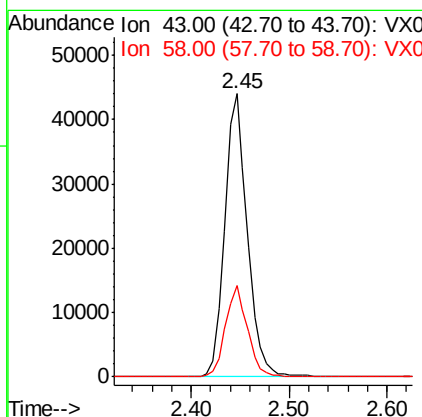
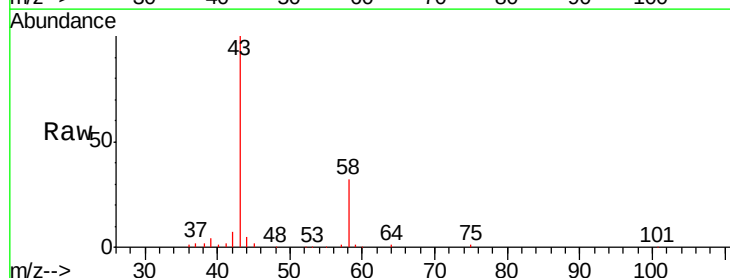
RT: 2.45 min Scan# 212

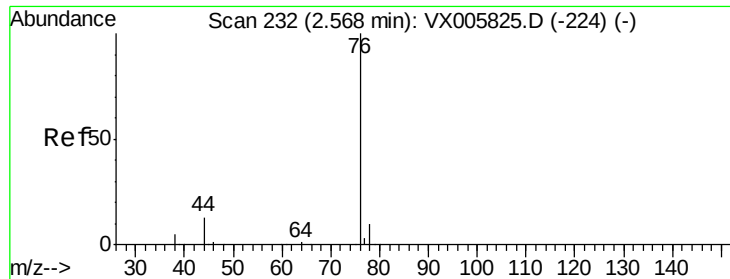
Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Tgt Ion:	43	Resp:	69476
Ion	Ratio	Lower	Upper
43	100		
58	32.3	23.8	35.6





#17

Carbon Disulfide

Concen: 15.50 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

Tgt Ion: 76 Resp: 48808

Ion Ratio Lower Upper

76 100

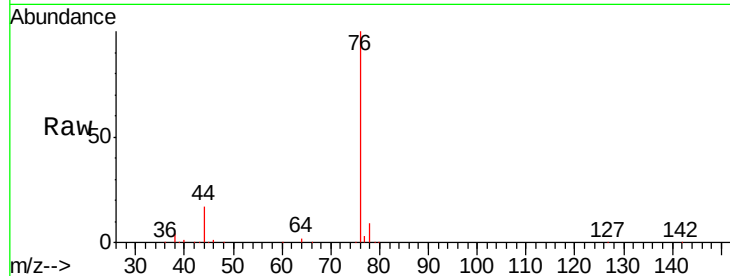
78 8.6 7.3 10.9

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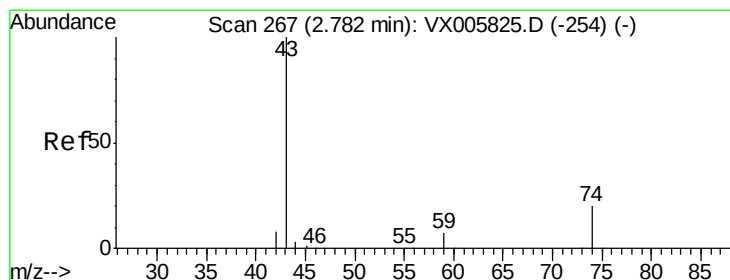
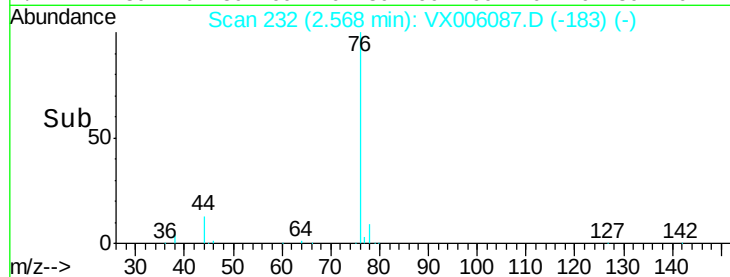
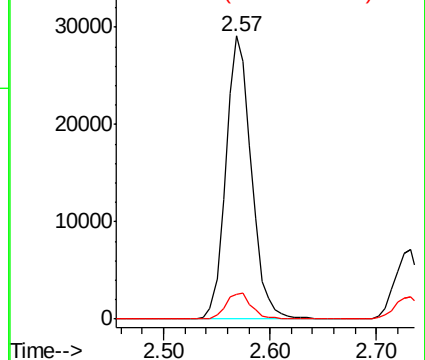
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.22 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006087.D

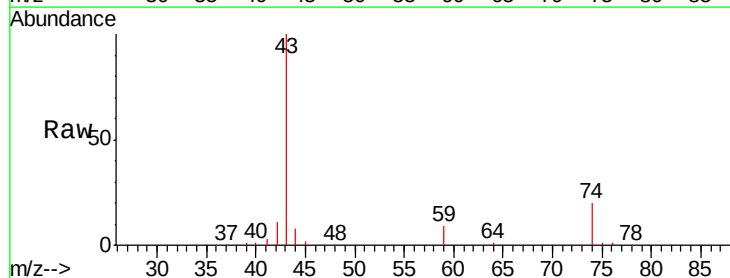
Acq: 19 Nov 2018 13:28

Tgt Ion: 43 Resp: 41813

Ion Ratio Lower Upper

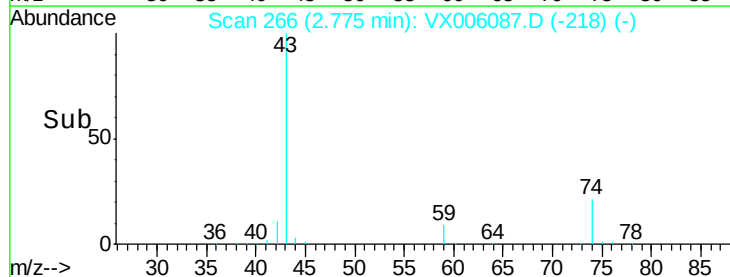
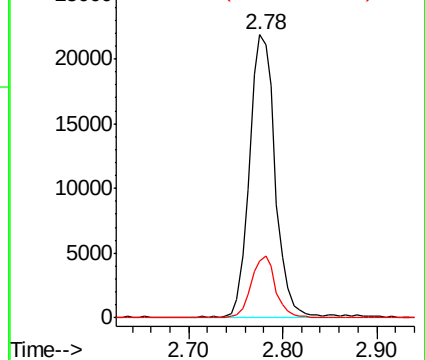
43 100

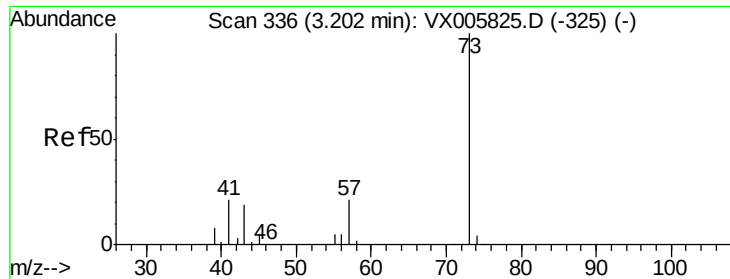
74 20.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





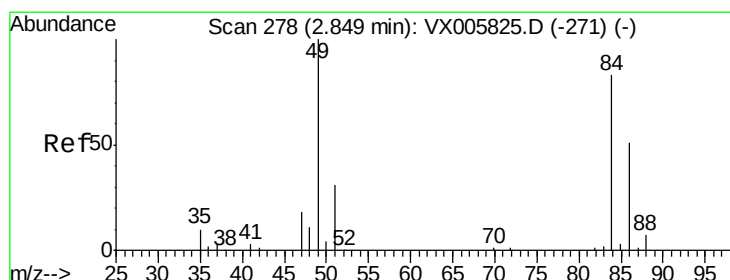
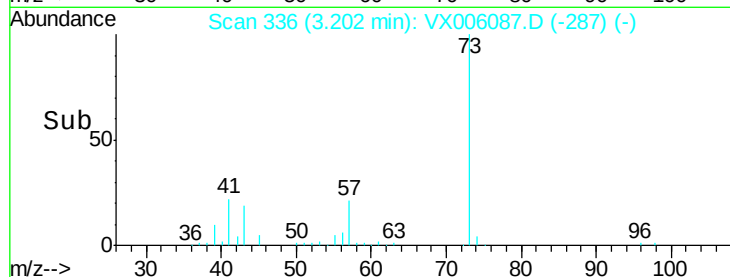
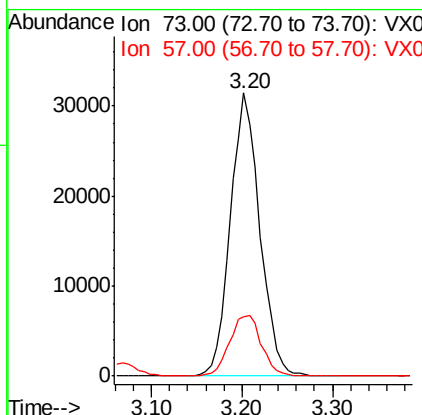
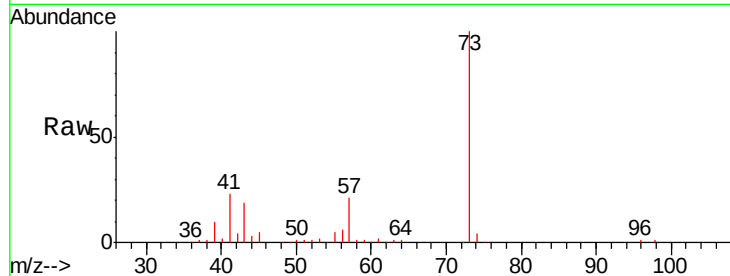
#19
Methyl tert-butyl Ether
Concen: 19.62 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion: 73 Resp: 70706
Ion Ratio Lower Upper
73 100
57 21.2 18.8 28.2

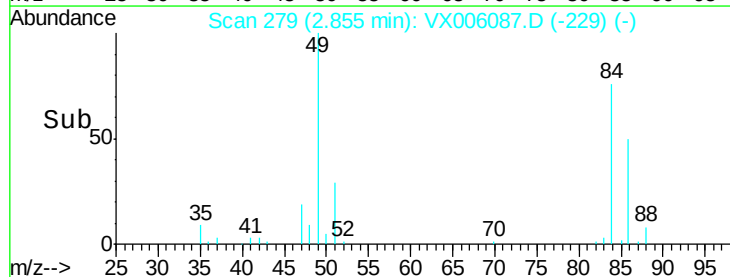
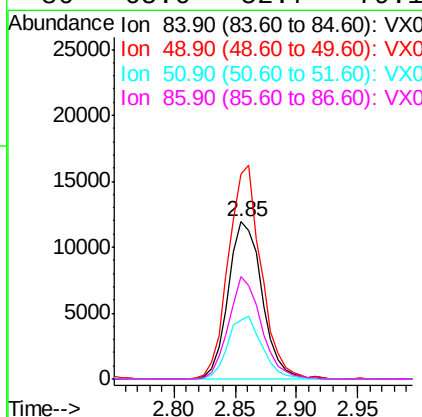
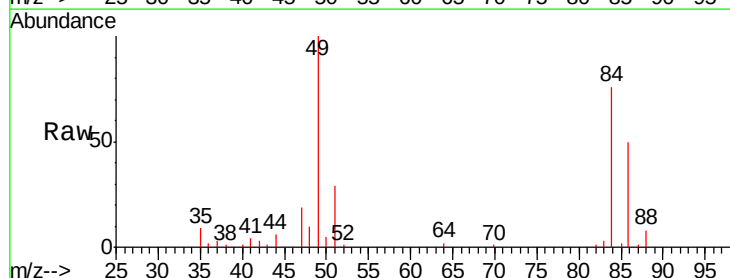
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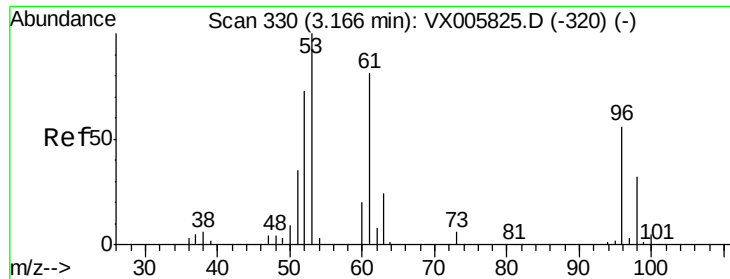
MMDadoda
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#20
Methylene Chloride
Concen: 18.80 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion: 84 Resp: 22833
Ion Ratio Lower Upper
84 100
49 131.0 109.5 164.3
51 37.7 33.3 49.9
86 65.6 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 17.43 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

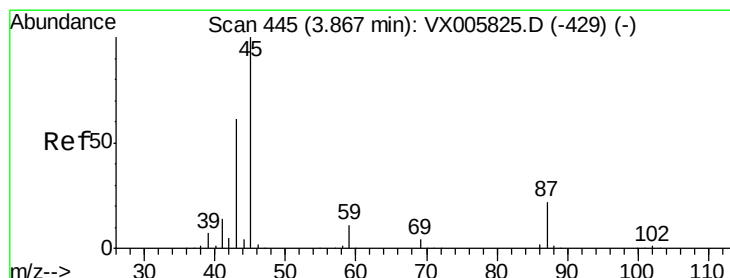
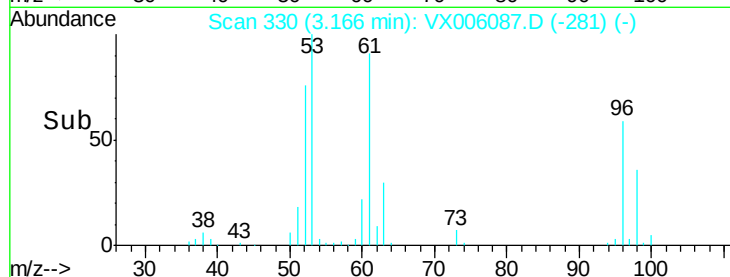
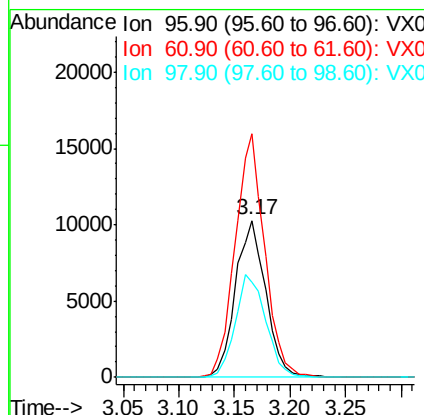
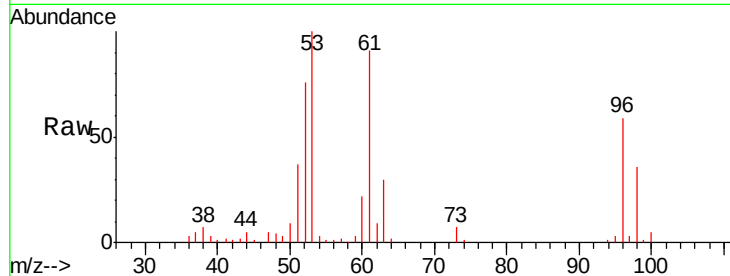
ClientSampleId :

VX1119MBS01

Tgt Ion:	96	Resp:	19406
Ion	Ratio	Lower	Upper
96	100		
61	155.0	115.6	173.4
98	60.9	50.2	75.2

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#22

Diisopropyl ether

Concen: 18.70 ug/l

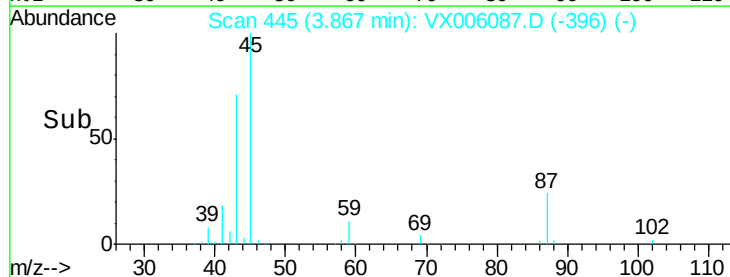
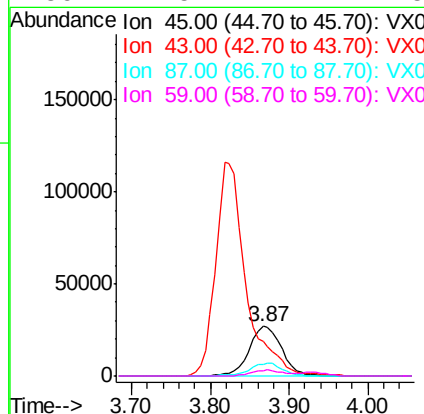
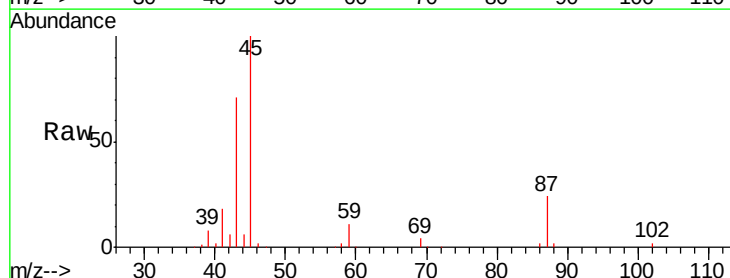
RT: 3.87 min Scan# 445

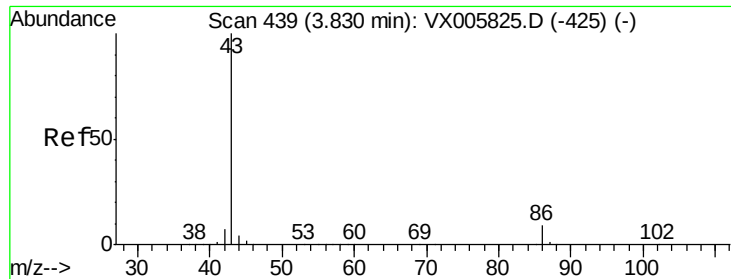
Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Tgt Ion:	45	Resp:	77238
Ion	Ratio	Lower	Upper
45	100		
43	69.1	47.4	71.2
87	23.6	15.9	23.9
59	11.5	7.7	11.5





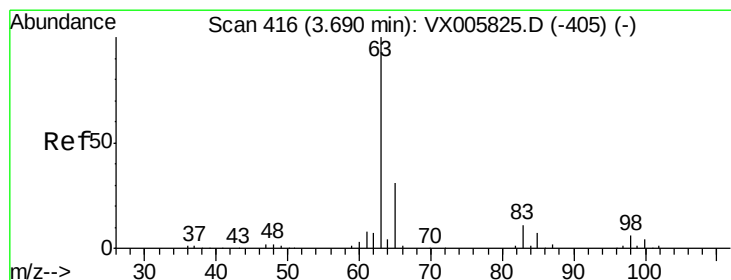
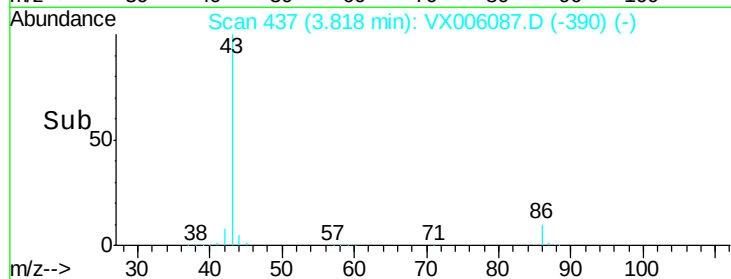
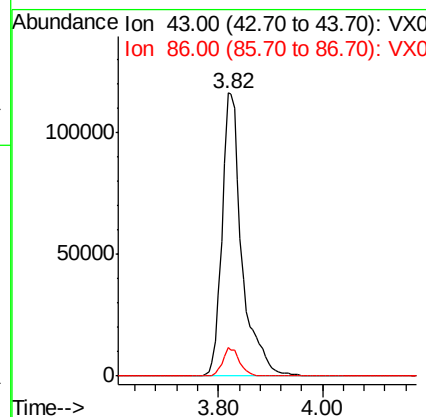
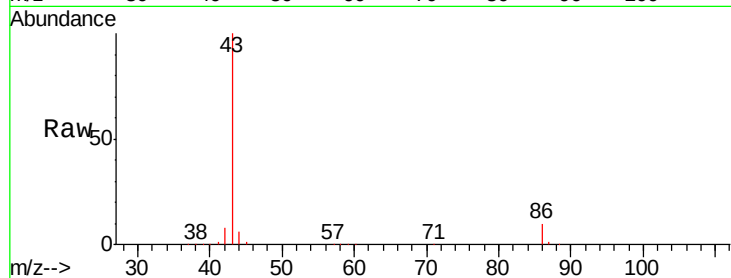
#23
 Vinyl Acetate
 Concen: 87.98 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.4	11.2

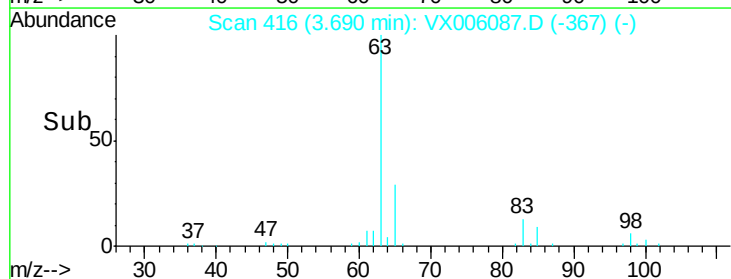
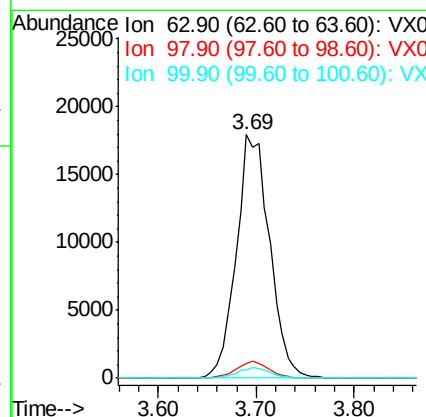
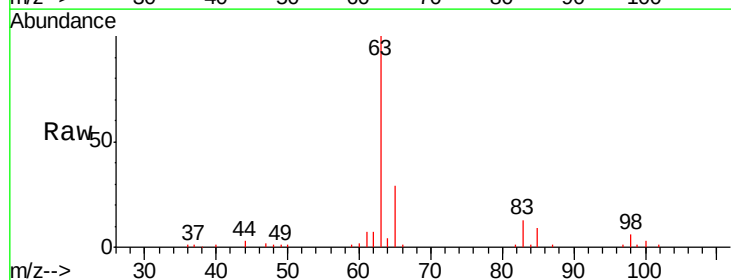
Manual Integrations
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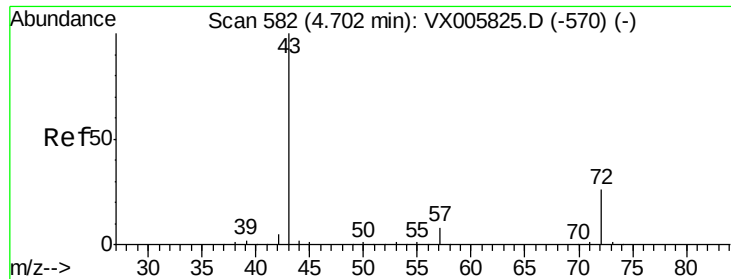
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#24
 1,1-Dichloroethane
 Concen: 19.24 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.2	9.6
100	3.3	2.1	6.2





#25

2-Butanone

Concen: 91.46 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

Tgt Ion: 43 Resp: 106302

Ion Ratio Lower Upper

43 100

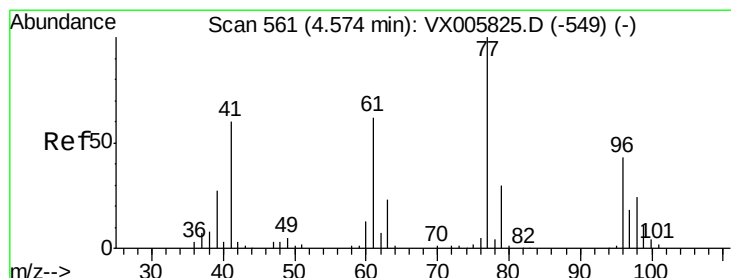
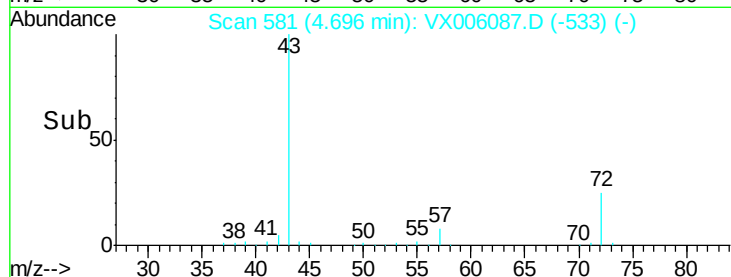
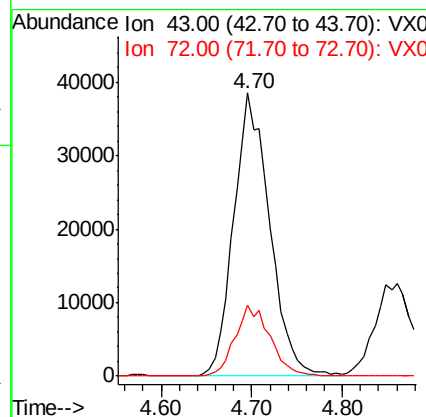
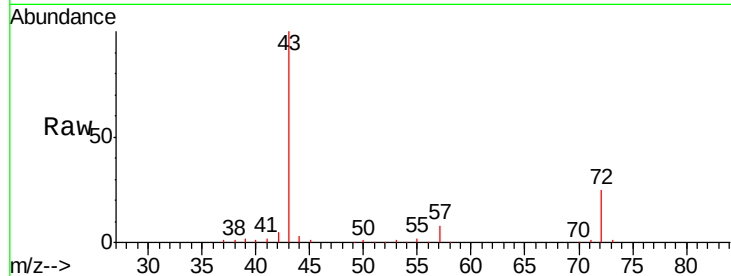
72 25.0 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.40 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006087.D

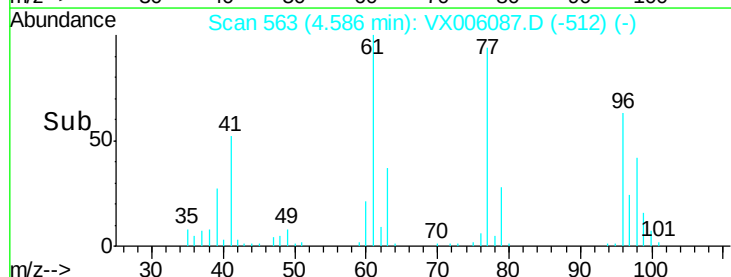
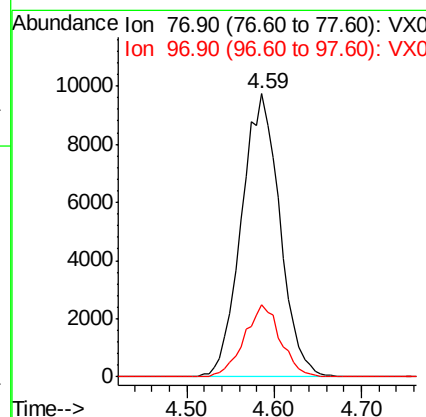
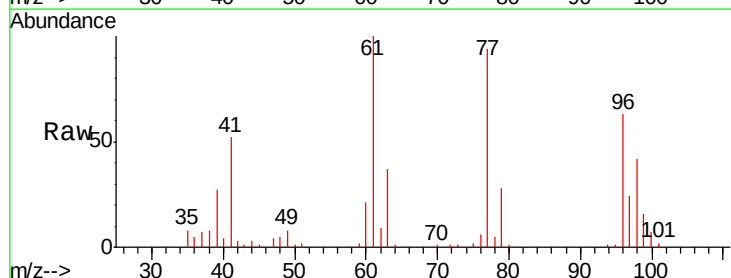
Acq: 19 Nov 2018 13:28

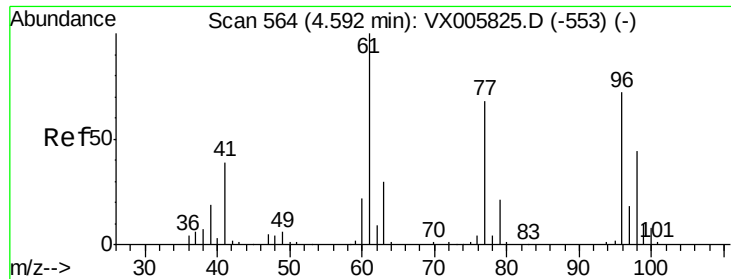
Tgt Ion: 77 Resp: 29735

Ion Ratio Lower Upper

77 100

97 23.9 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 18.86 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

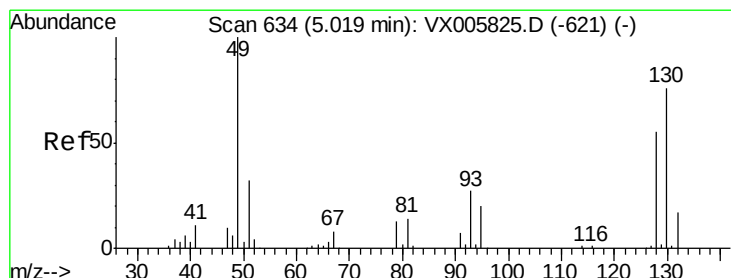
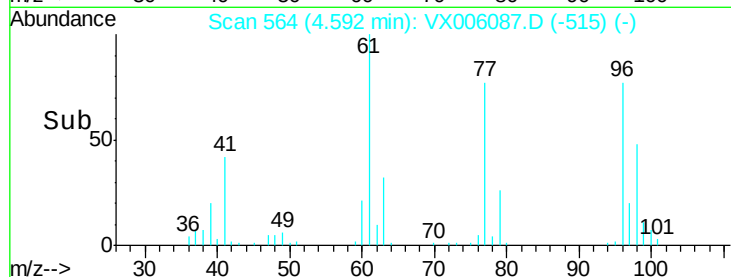
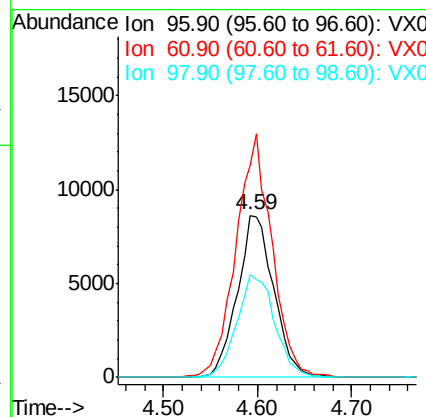
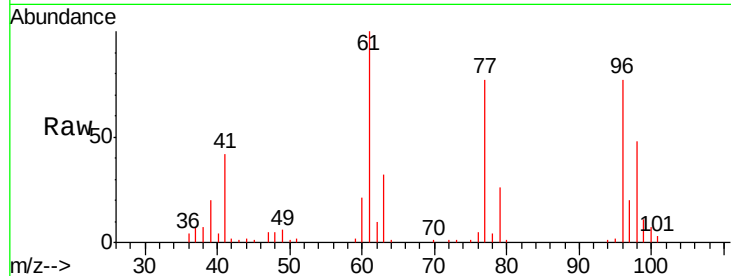
ClientSampleId :

VX1119MBS01

Tgt Ion:	96	Resp:	23191
Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	304.6
98	65.7	0.0	127.4

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#28

Bromochloromethane

Concen: 20.57 ug/l

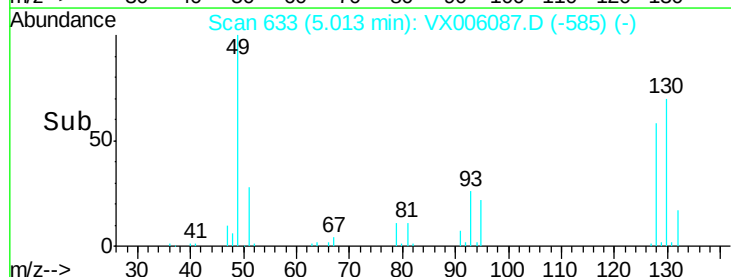
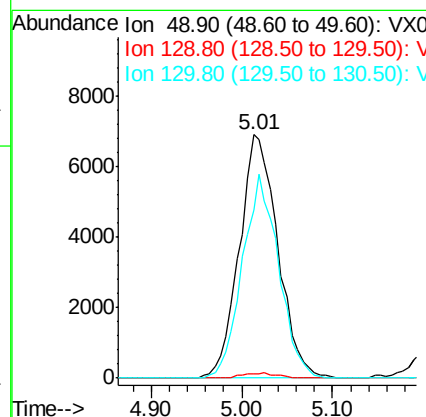
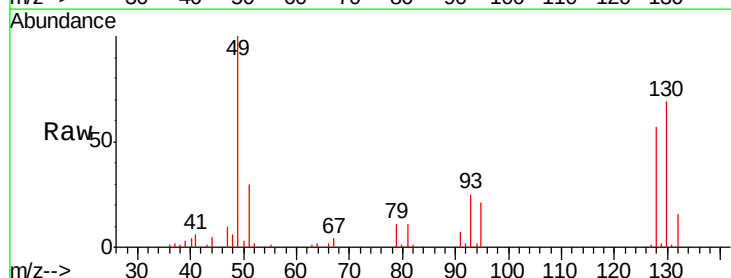
RT: 5.01 min Scan# 633

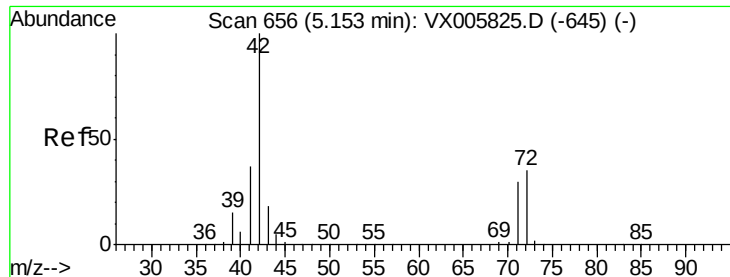
Delta R.T. -0.01 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Tgt Ion:	49	Resp:	20258
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	78.8	58.9	88.3





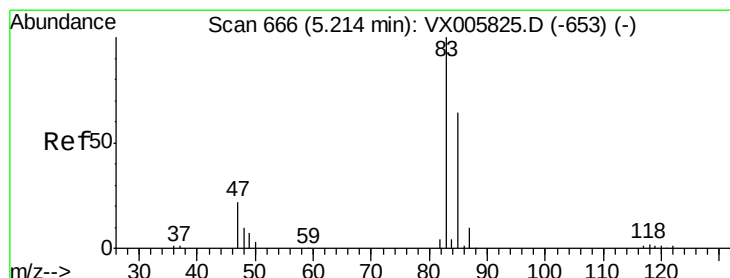
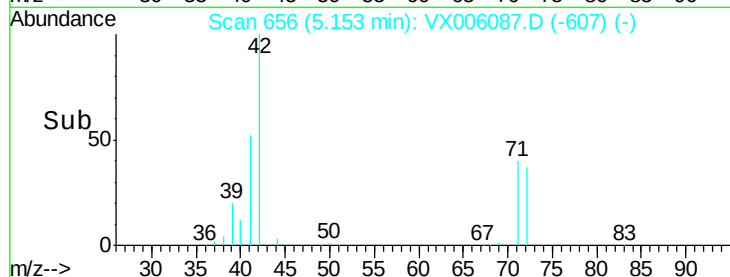
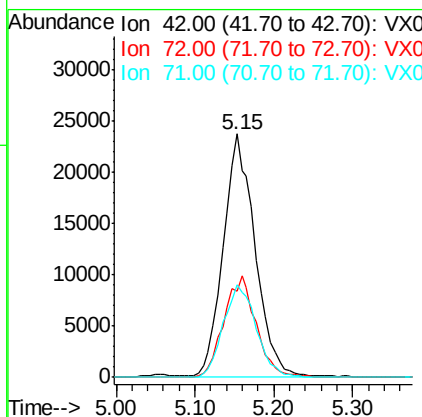
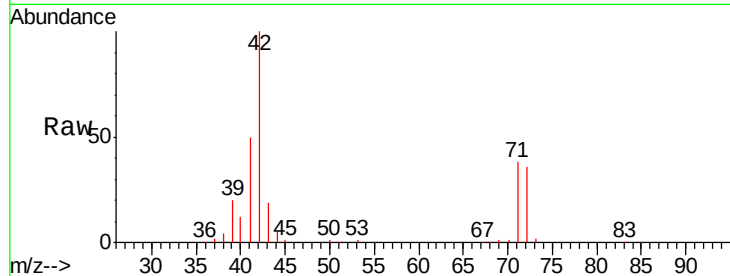
#29
Tetrahydrofuran
Concen: 89.02 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.3	32.0	48.0
71	39.6	29.8	44.8

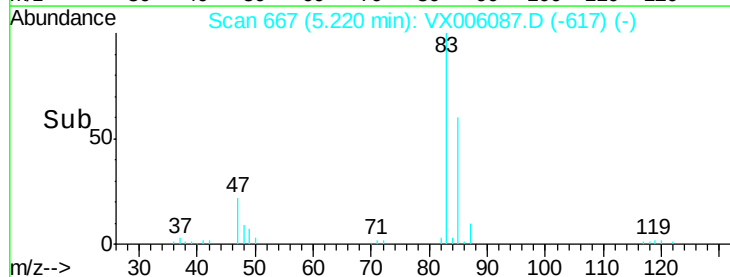
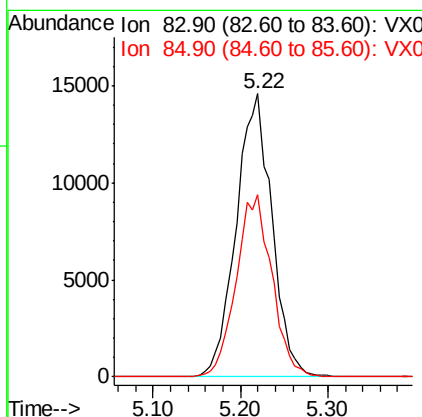
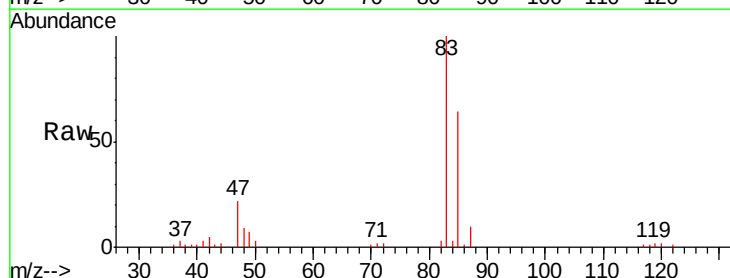
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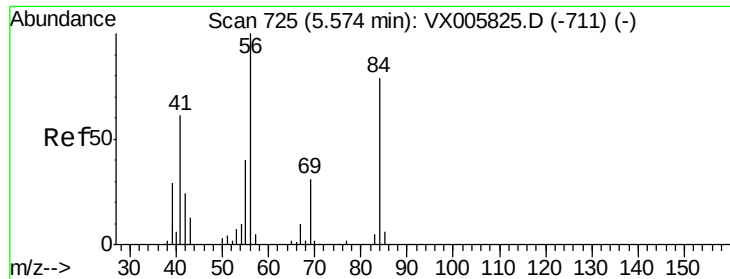
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#30
Chloroform
Concen: 19.45 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.6	76.0





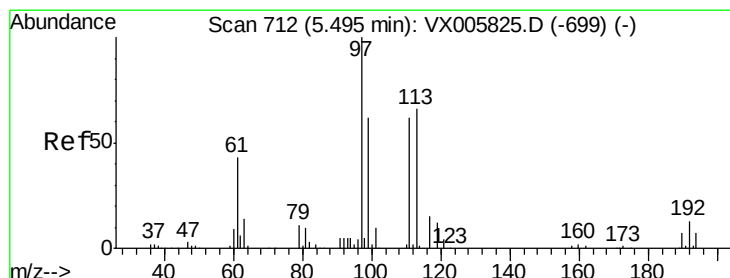
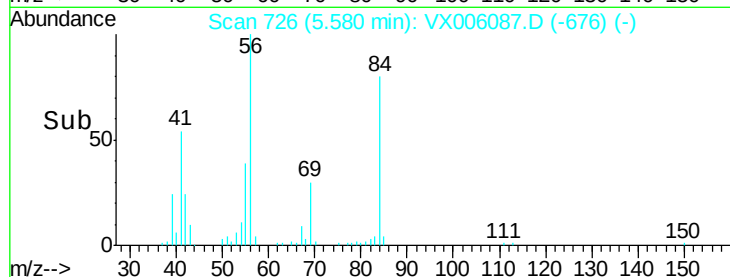
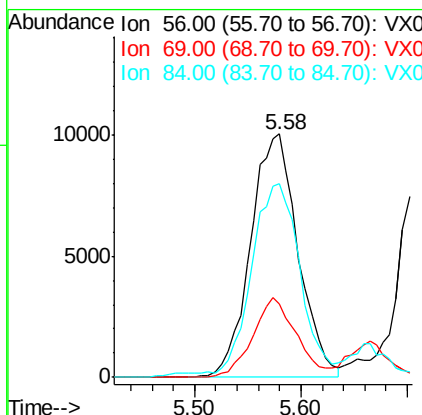
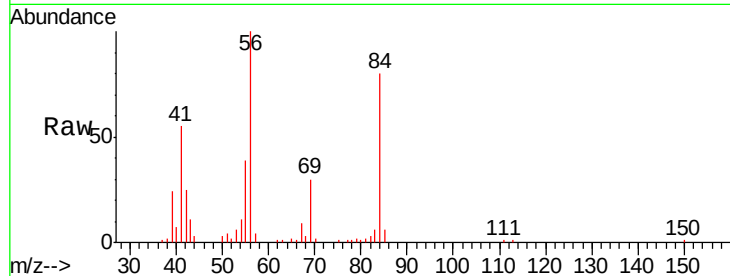
#31
Cyclohexane
Concen: 16.28 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.0	22.6	34.0
84	78.0	62.7	94.1

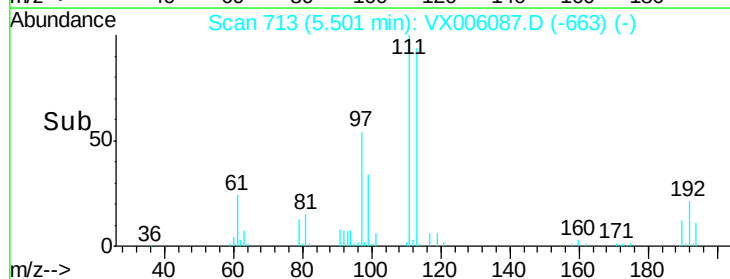
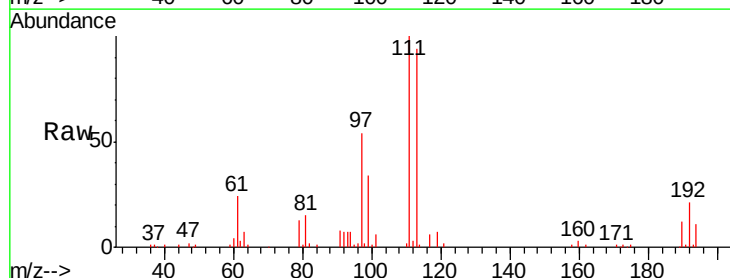
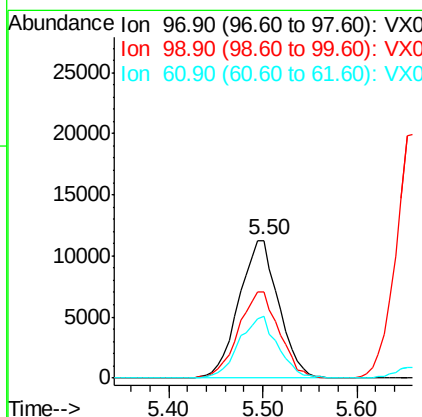
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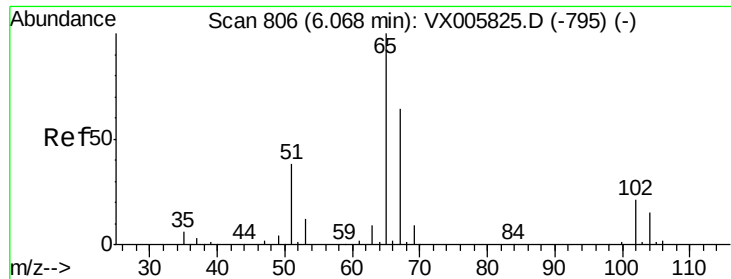
MMDadoda
11/20/2018 9:59:38 AM



#32
1,1,1-Trichloroethane
Concen: 18.70 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.3	78.5
61	43.5	35.2	52.8





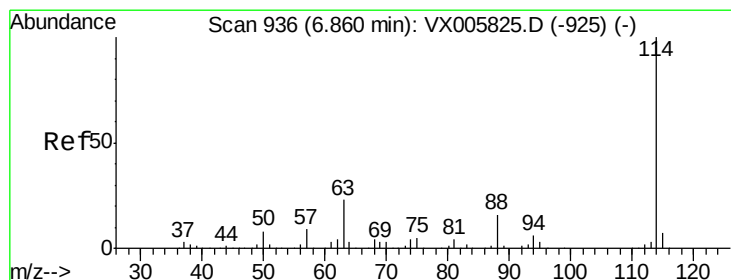
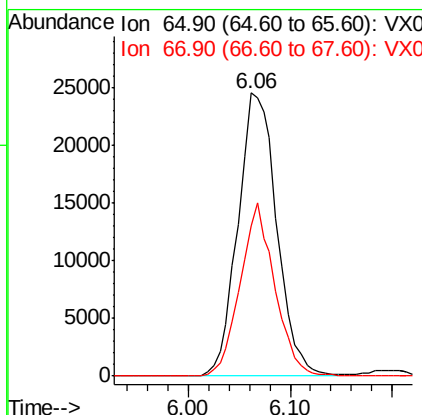
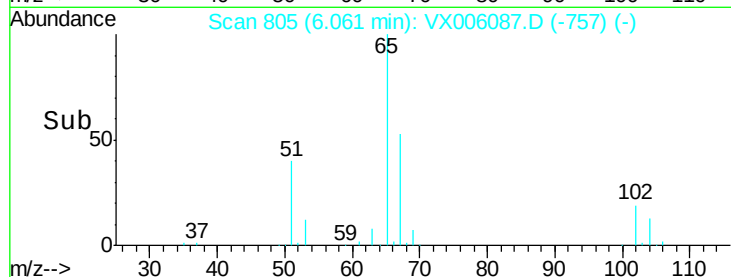
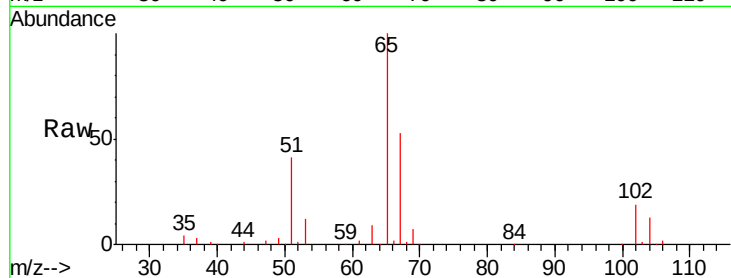
#33
 1,2-Dichloroethane-d4
 Concen: 47.20 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tgt Ion: 65 Resp: 64813
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.0

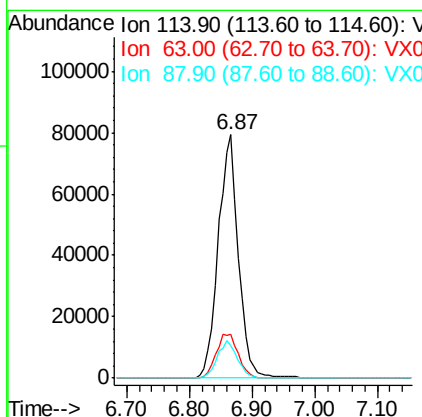
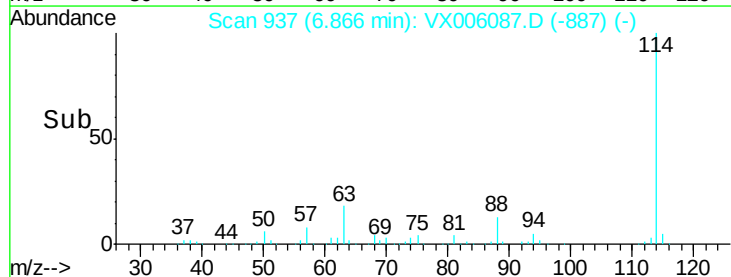
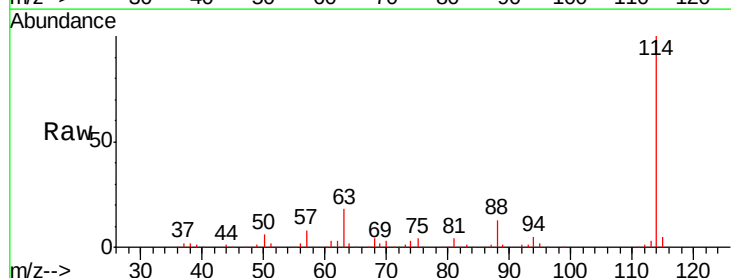
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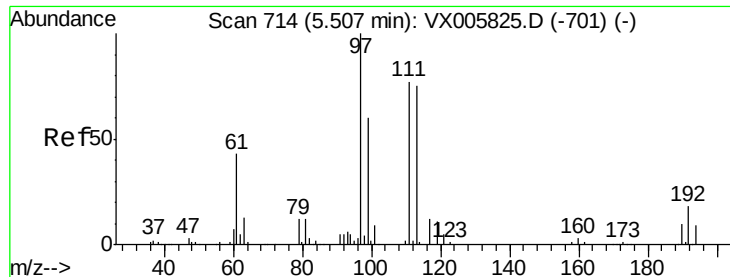
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Tgt Ion: 114 Resp: 176029
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 42.8
 88 13.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.19 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

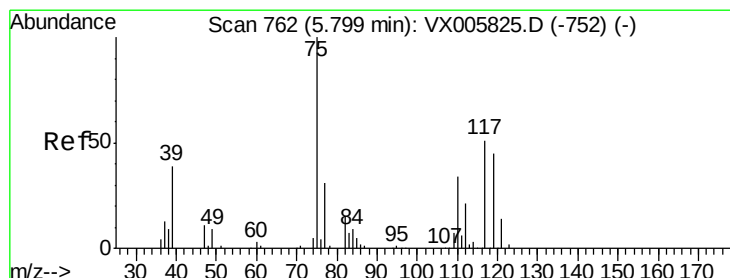
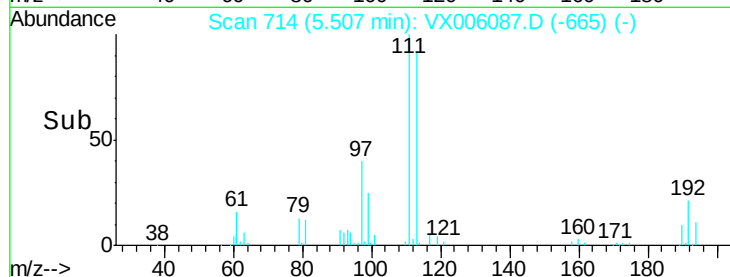
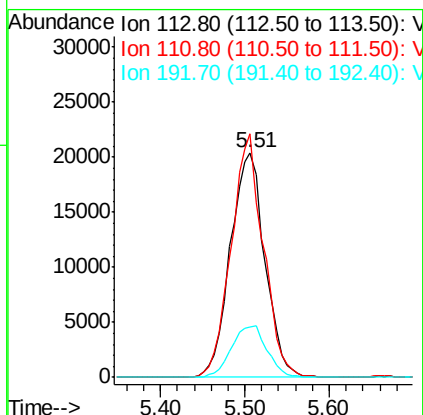
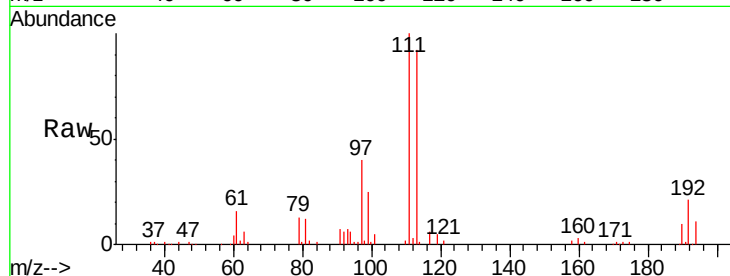
ClientSampleId :

VX1119MBS01

Tgt Ion:	113	Resp:	56495
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.3	123.5
192	23.4	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 15.88 ug/l

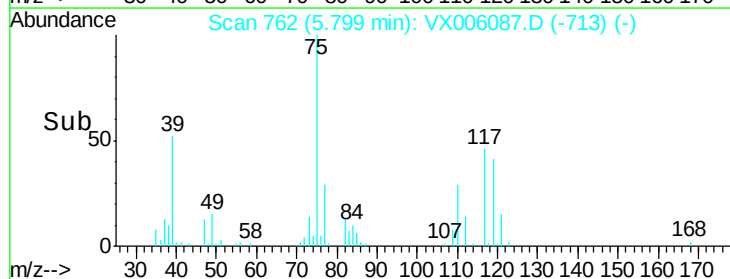
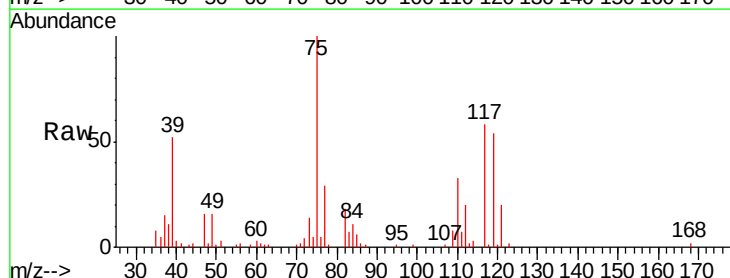
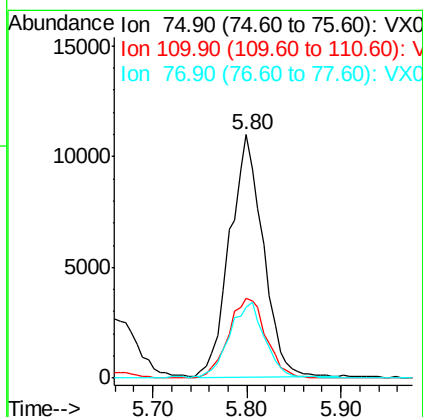
RT: 5.80 min Scan# 762

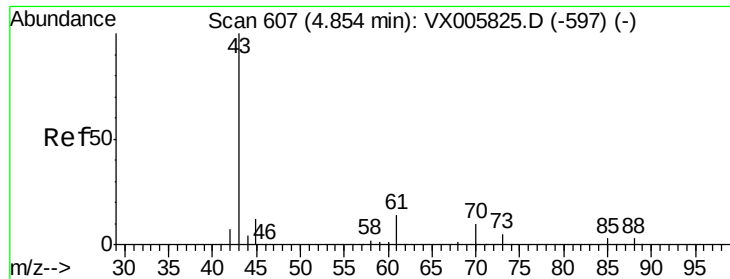
Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Tgt Ion:	75	Resp:	26947
Ion Ratio	Lower	Upper	
75	100		
110	36.9	17.4	52.2
77	33.4	25.8	38.6





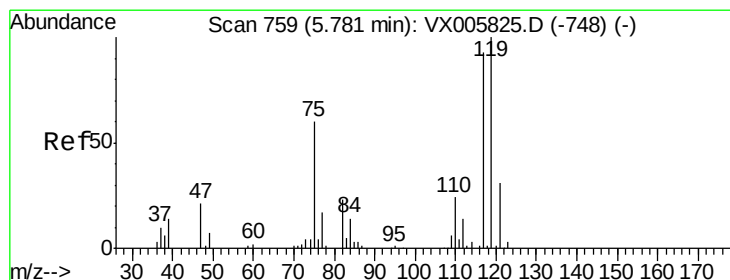
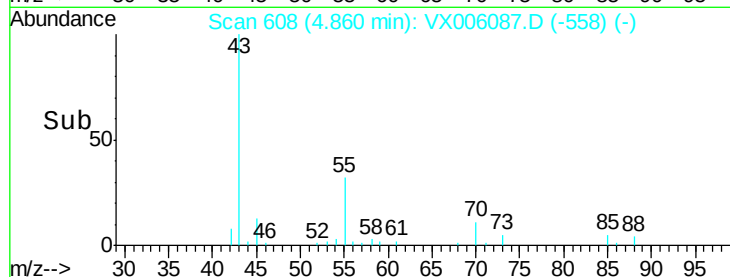
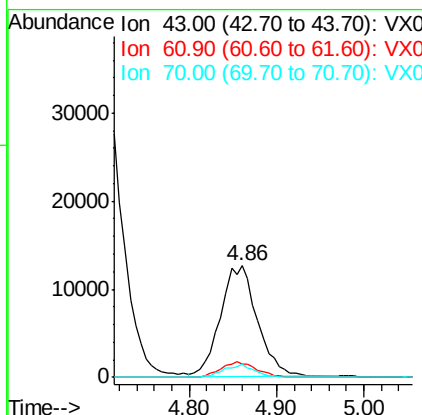
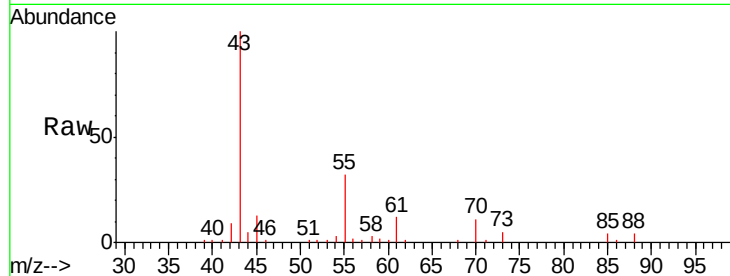
#37
Ethyl Acetate
Concen: 16.57 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	10.0	7.8	11.8

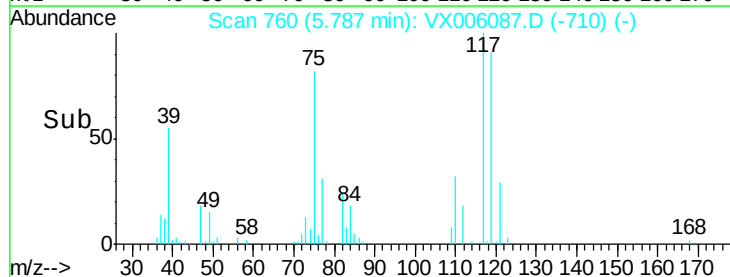
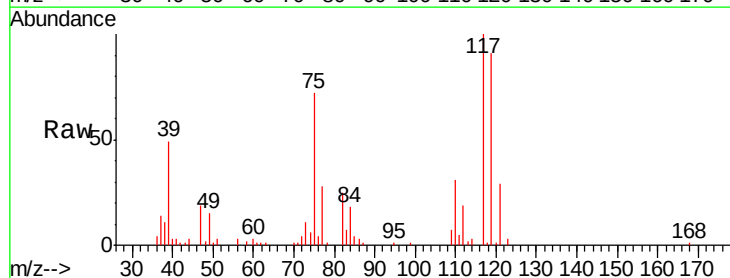
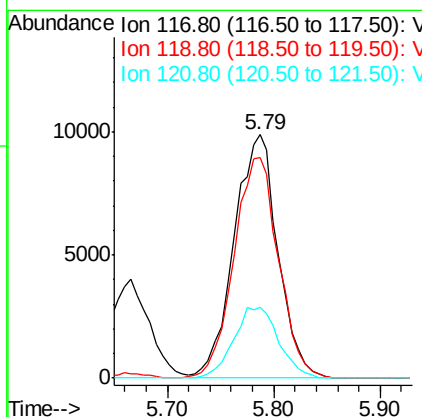
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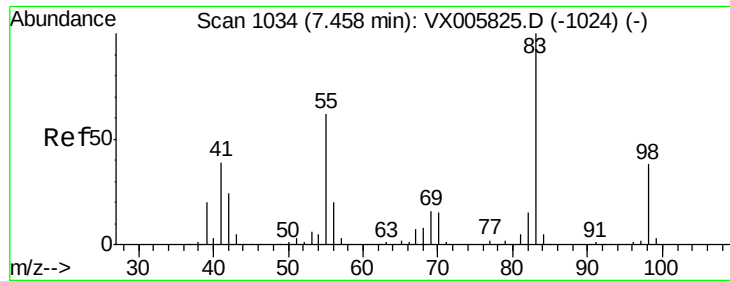
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#38
Carbon Tetrachloride
Concen: 16.75 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.7	78.1	117.1
121	29.2	24.6	36.8





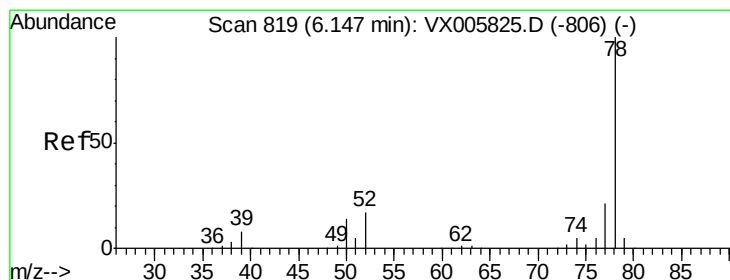
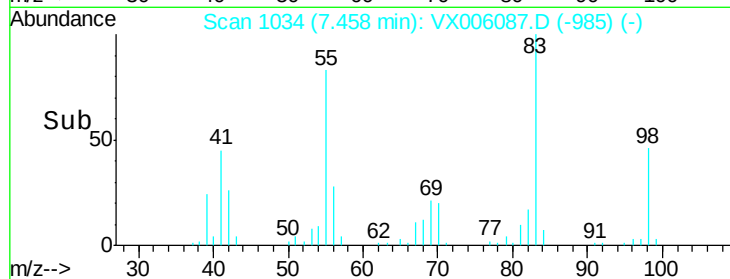
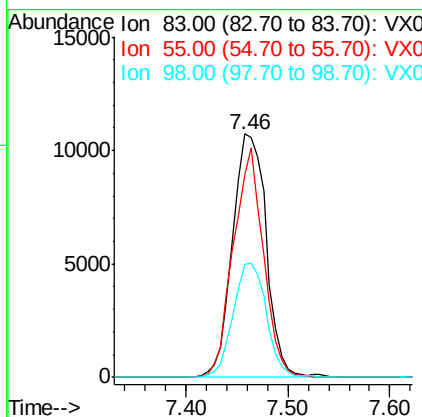
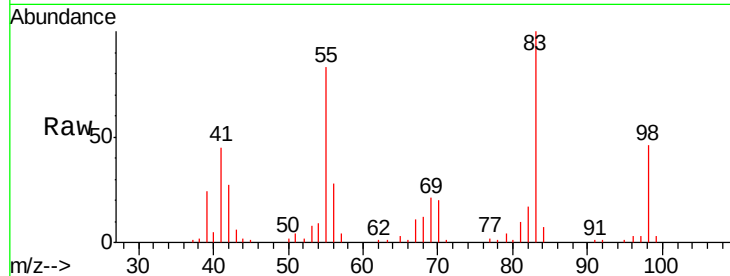
#39
Methylcyclohexane
Concen: 14.32 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.1	63.7	95.5
98	46.4	36.2	54.2

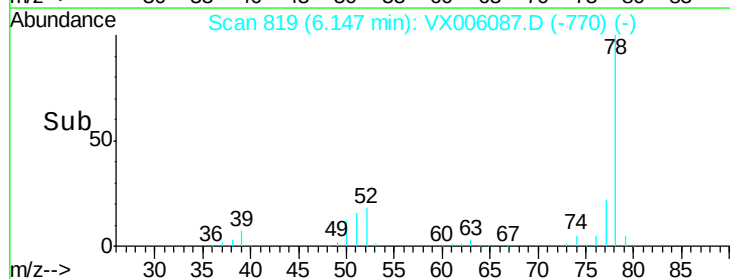
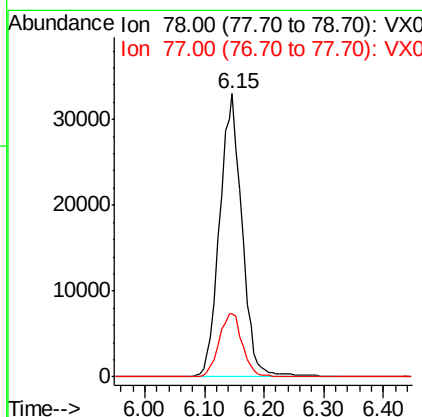
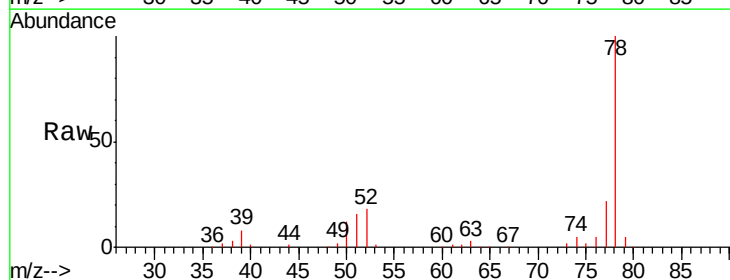
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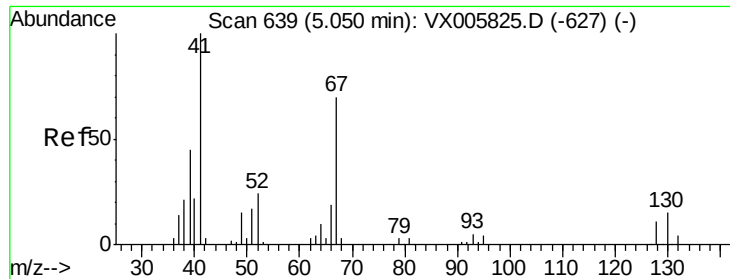
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#40
Benzene
Concen: 17.39 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.4	27.6





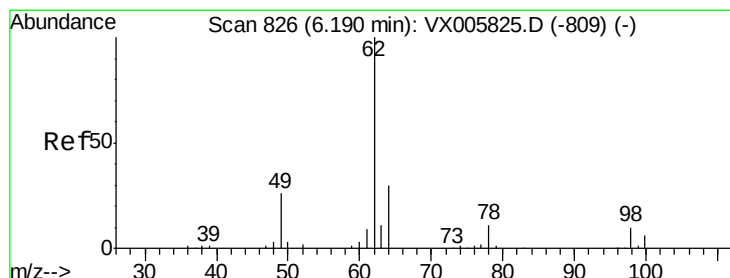
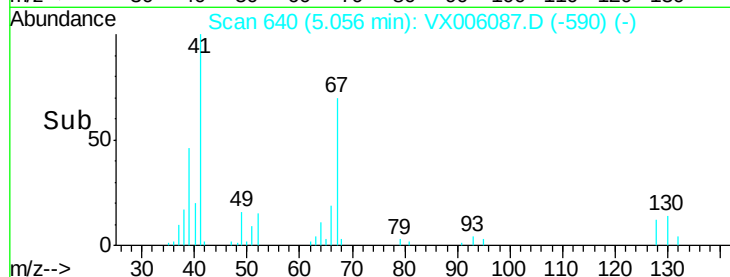
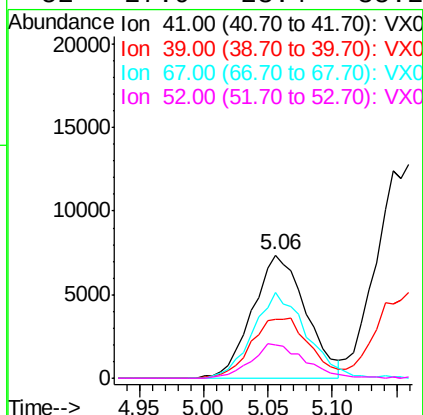
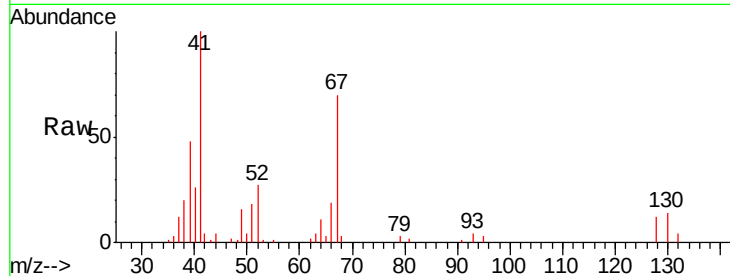
#41
Methacrylonitrile
Concen: 17.61 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	42.2	63.2	
67	69.8	53.4	80.0	
52	27.9	23.4	35.2	

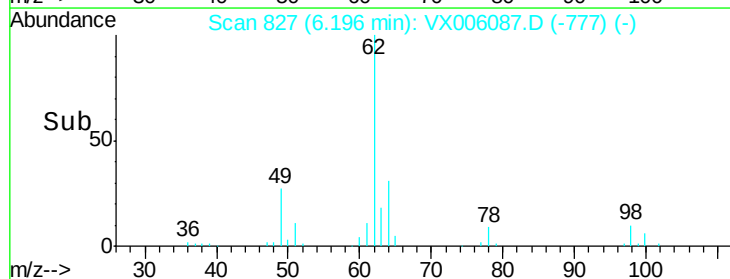
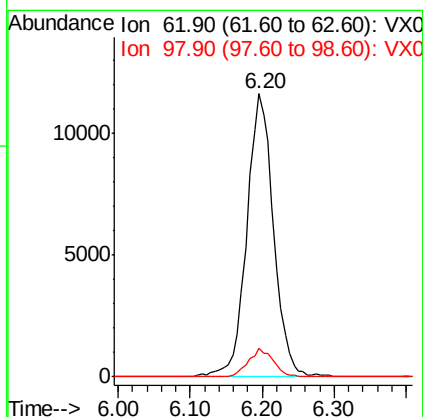
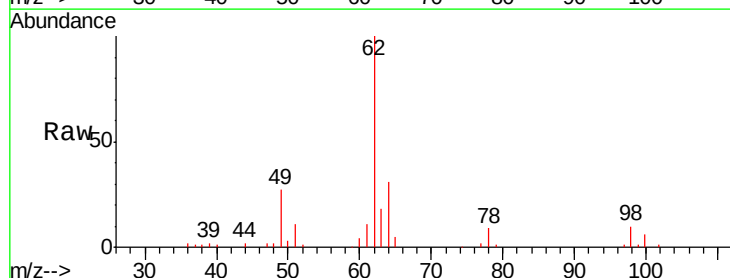
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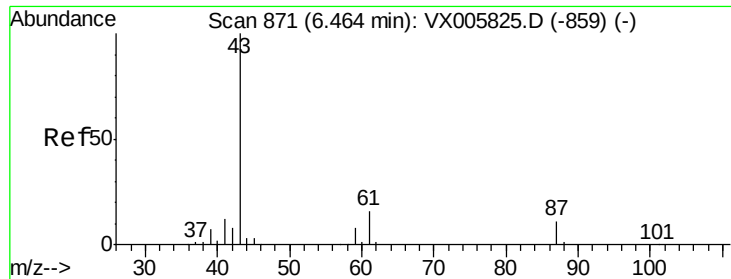
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#42
1,2-Dichloroethane
Concen: 16.95 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	17.8	





#43

Isopropyl Acetate

Concen: 16.48 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

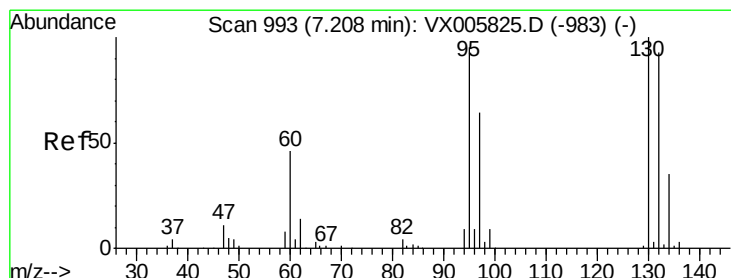
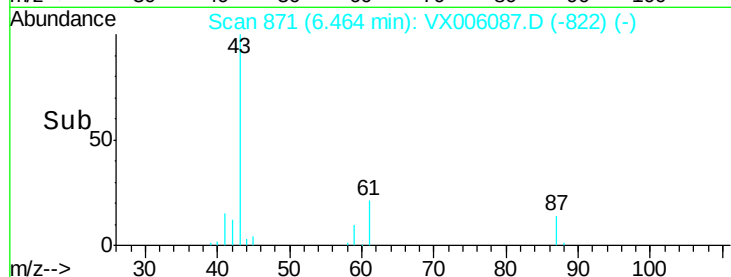
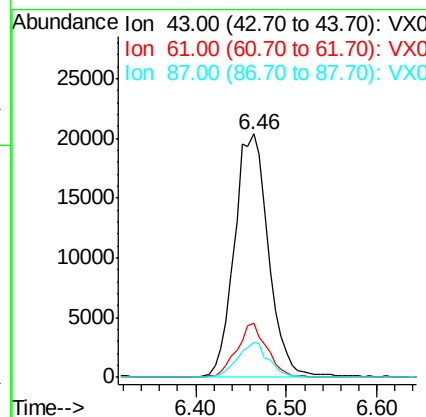
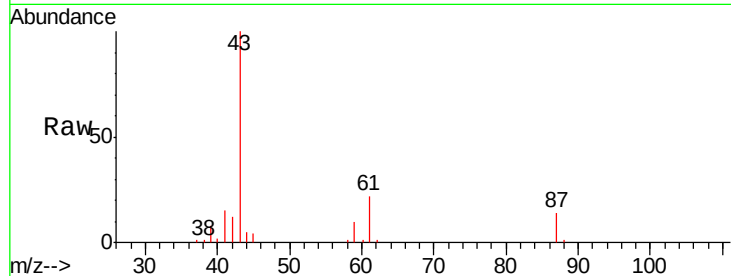
ClientSampleId :

VX1119MBS01

Tgt Ion:	43	Resp:	53274
Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.6	22.0
87	12.9	9.6	14.4

Manual Integrations
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11/20/2018 9:59:38 AM



#44

Trichloroethene

Concen: 17.83 ug/l

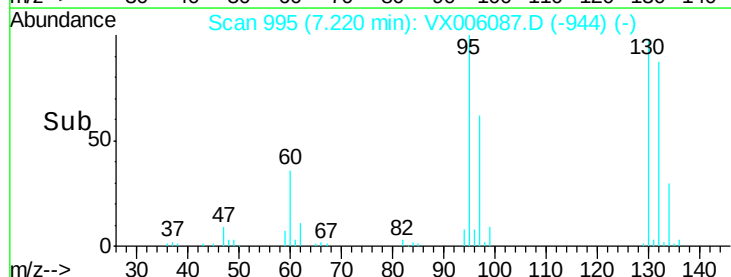
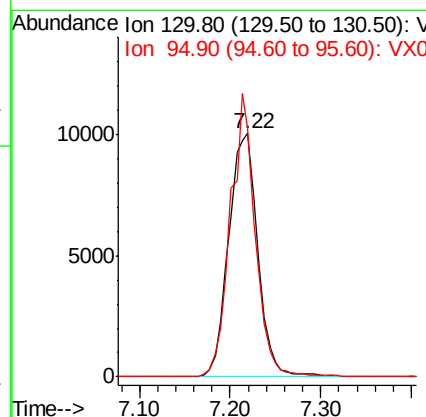
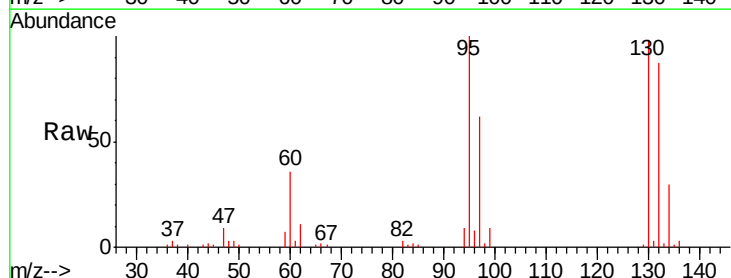
RT: 7.22 min Scan# 995

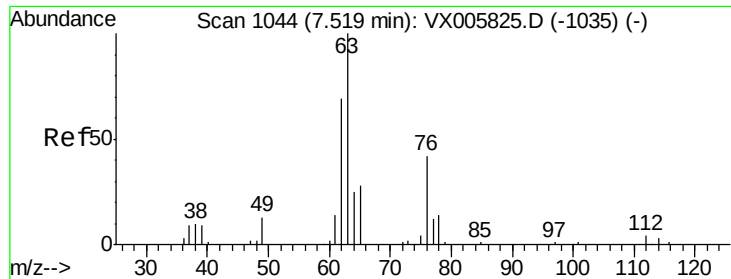
Delta R.T. 0.01 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Tgt Ion:	130	Resp:	22403
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	194.2





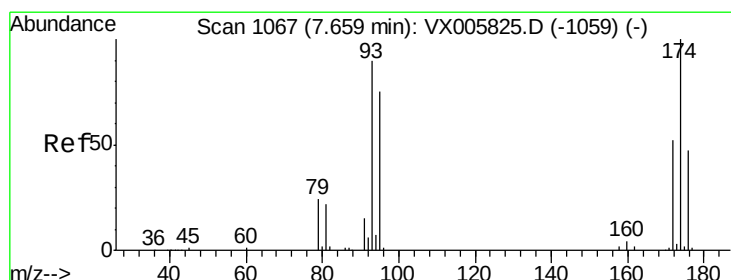
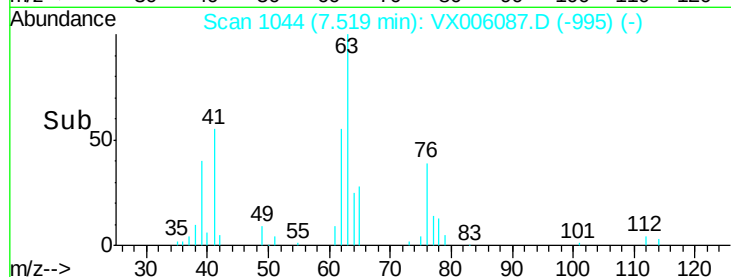
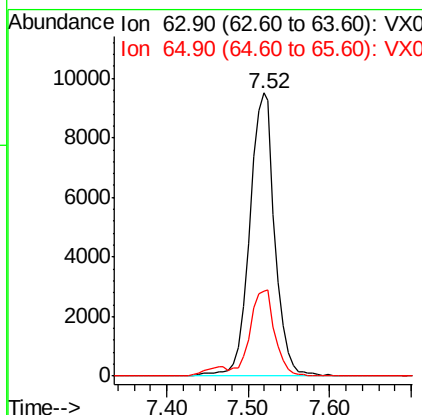
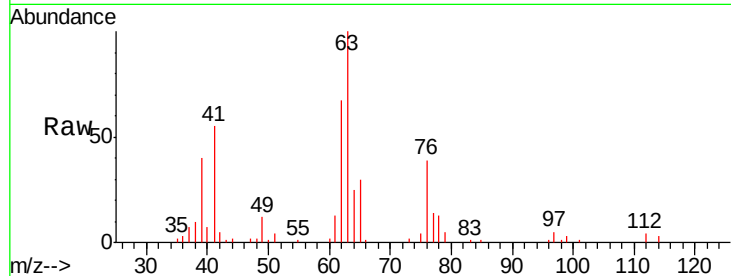
#45
 1,2-Dichloropropane
 Concen: 17.10 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tgt Ion: 63 Resp: 20538
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.8 37.2

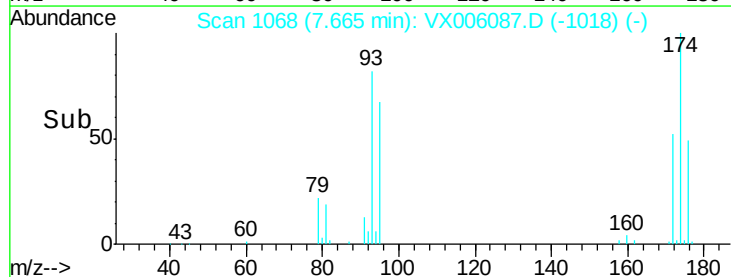
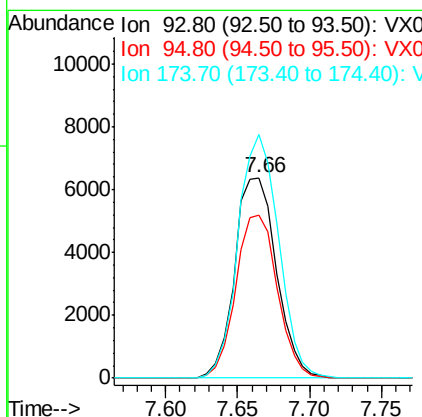
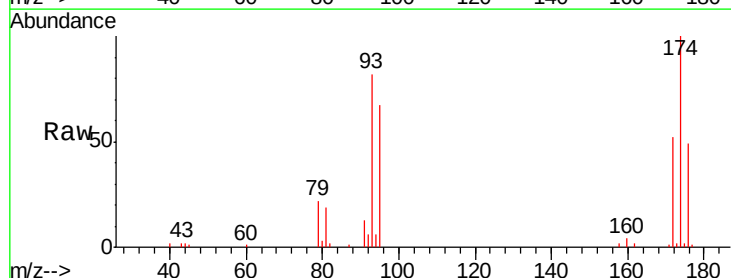
Manual Integrations
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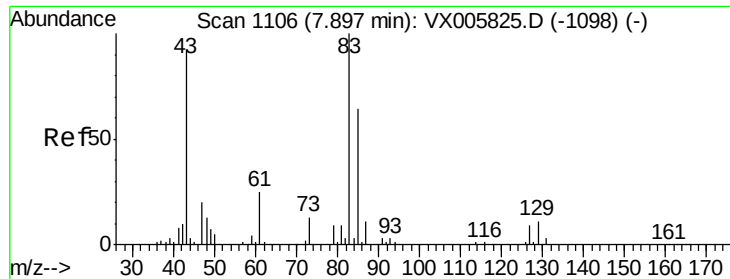
MMDadoda
 11/20/2018 9:59:38 AM



#46
 Dibromomethane
 Concen: 17.05 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Tgt Ion: 93 Resp: 12845
 Ion Ratio Lower Upper
 93 100
 95 81.1 67.4 101.0
 174 118.2 91.5 137.3





#47

Bromodichloromethane

Concen: 17.91 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

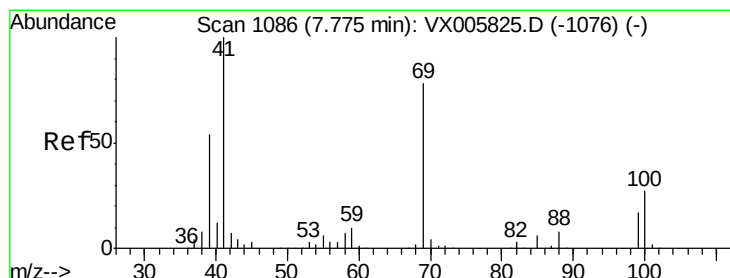
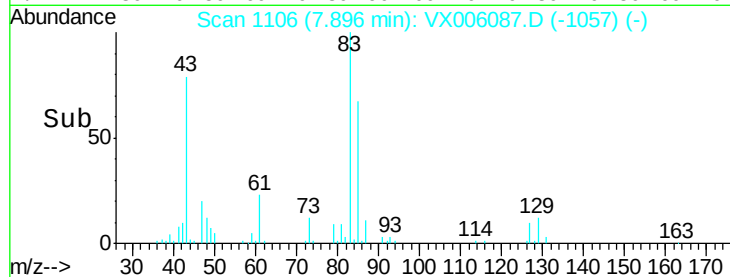
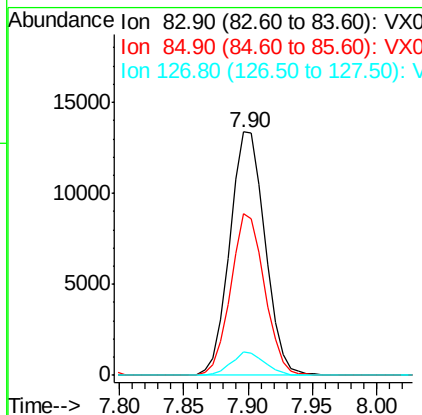
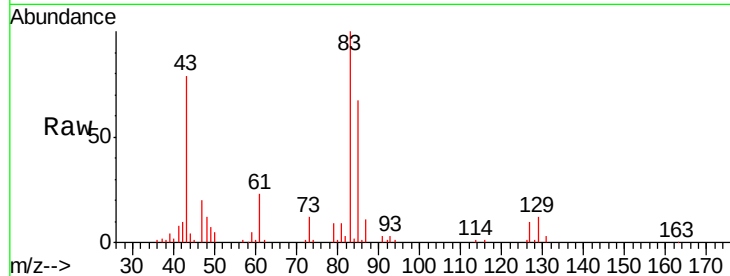
ClientSampleId :

VX1119MBS01

Tgt Ion:	83	Resp:	25509
Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.2	75.4
127	9.7	6.9	10.3

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#48

Methyl methacrylate

Concen: 16.00 ug/l

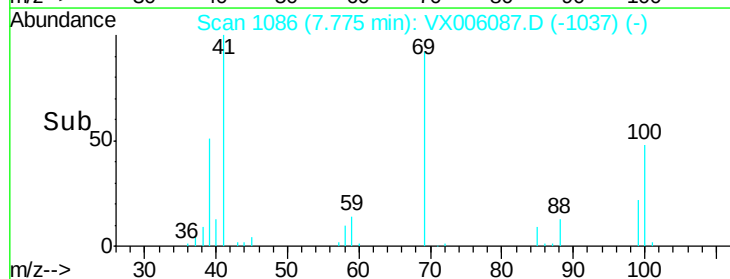
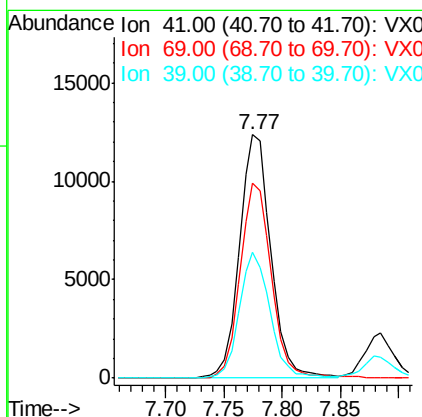
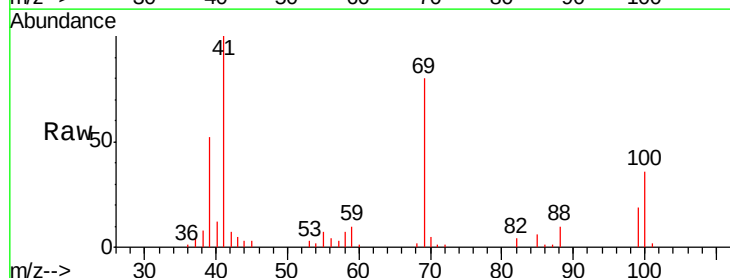
RT: 7.77 min Scan# 1086

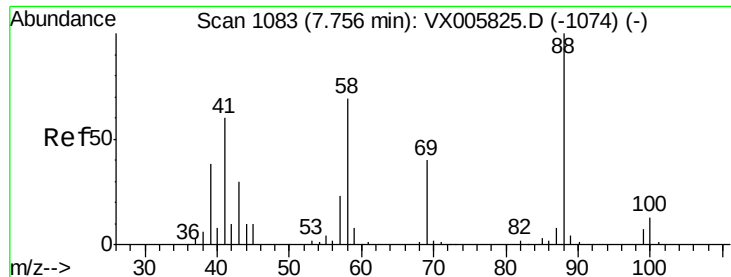
Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Tgt Ion:	41	Resp:	23234
Ion	Ratio	Lower	Upper
41	100		
69	79.8	63.2	94.8
39	50.6	42.2	63.2





#49

1,4-Dioxane

Concen: 303.00 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

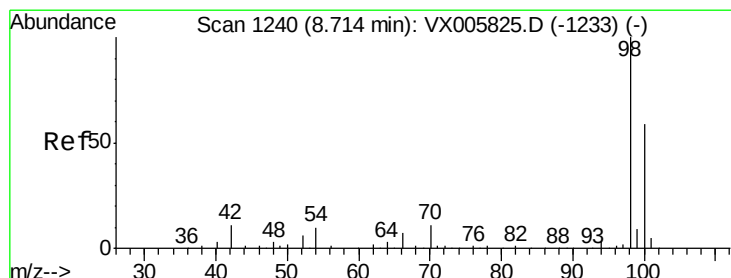
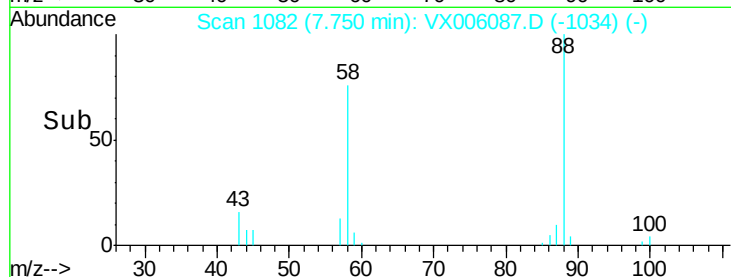
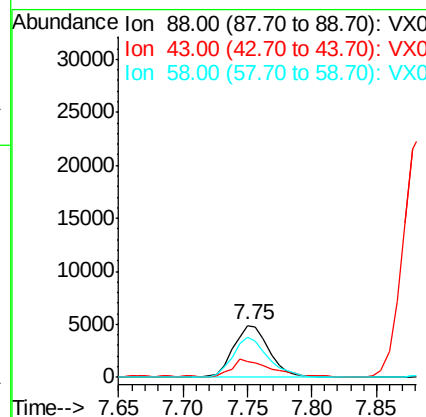
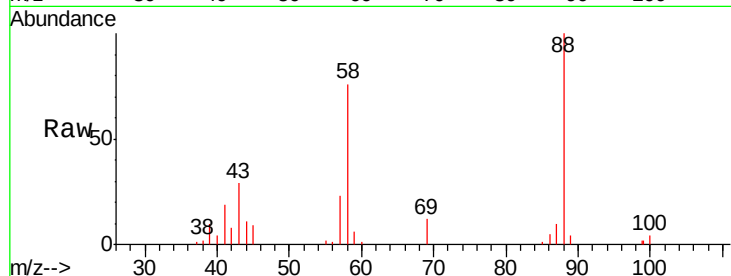
ClientSampleId :

VX1119MBS01

Tgt Ion:	88	Resp:	9480
Ion	Ratio	Lower	Upper
88	100		
43	39.4	27.4	41.0
58	76.1	59.4	89.2

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#50

Toluene-d8

Concen: 43.00 ug/l

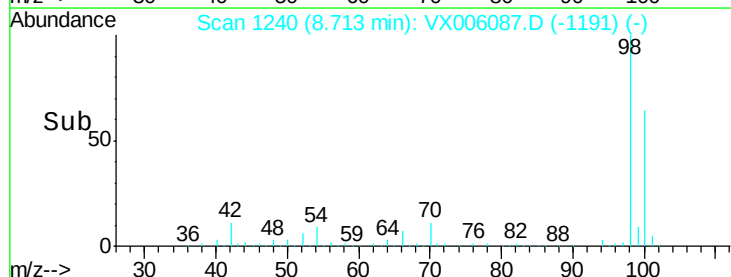
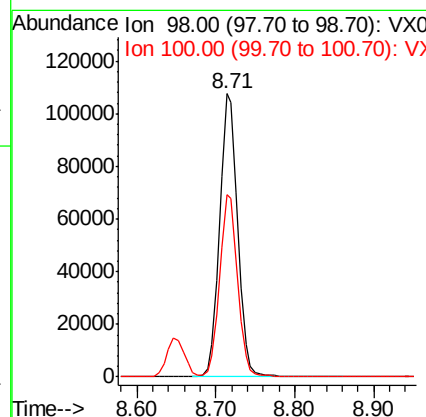
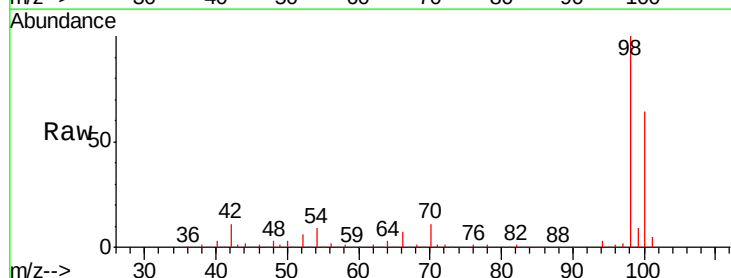
RT: 8.71 min Scan# 1240

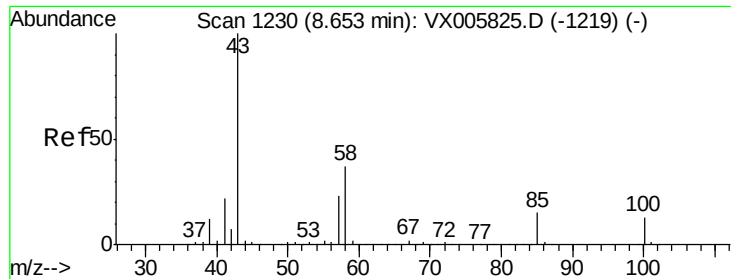
Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Tgt Ion:	98	Resp:	171160
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 82.96 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

Tgt Ion: 43 Resp: 169060

Ion Ratio Lower Upper

43 100

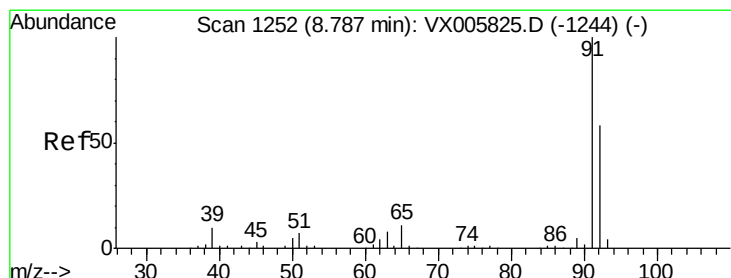
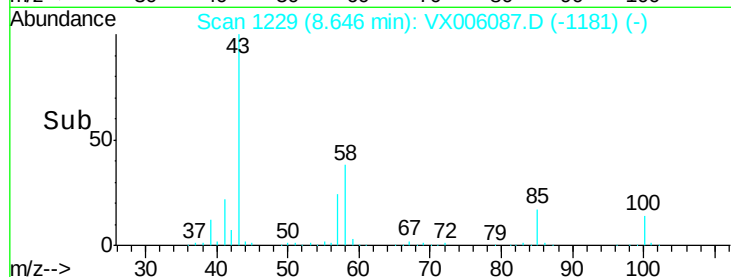
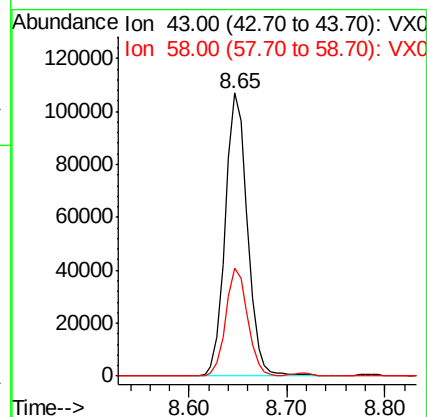
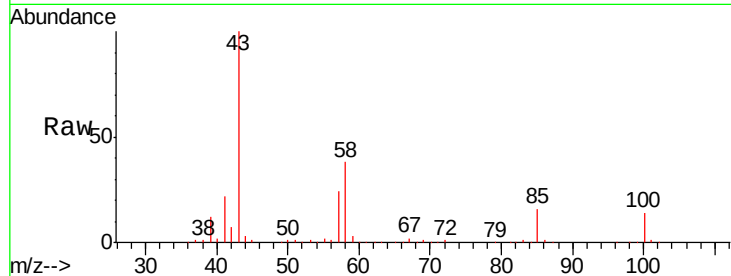
58 37.5 29.7 44.5

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#52

Toluene

Concen: 16.04 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006087.D

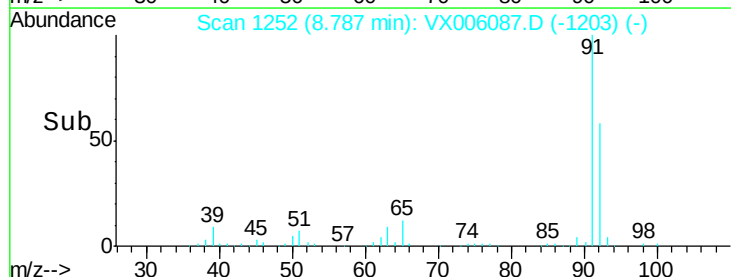
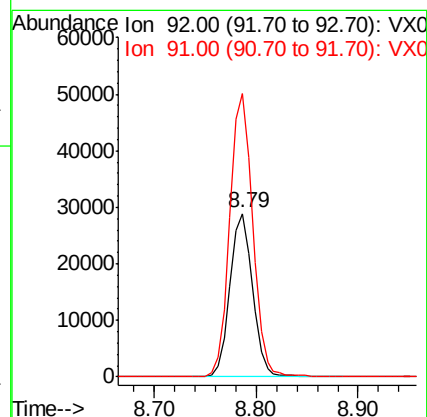
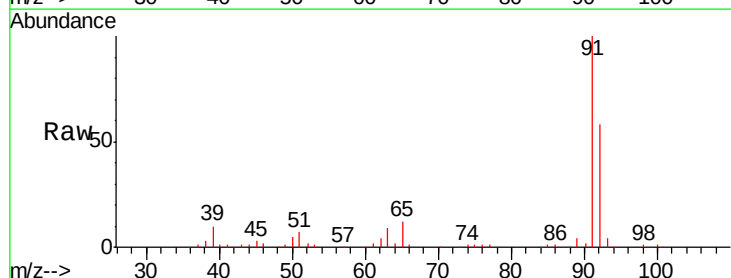
Acq: 19 Nov 2018 13:28

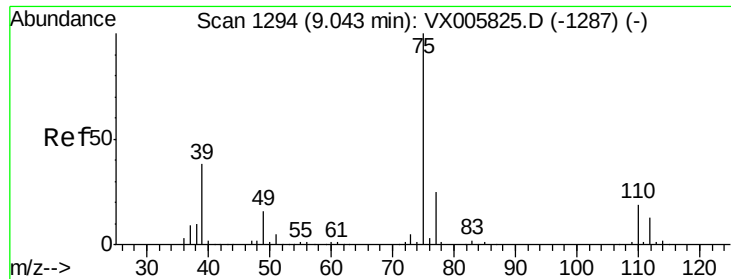
Tgt Ion: 92 Resp: 44357

Ion Ratio Lower Upper

92 100

91 176.2 140.4 210.6





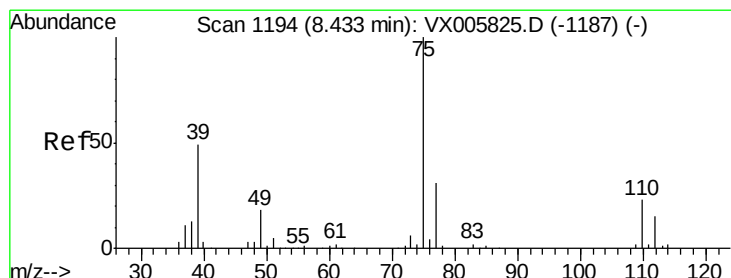
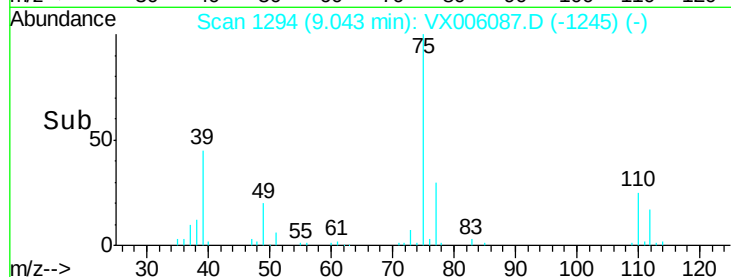
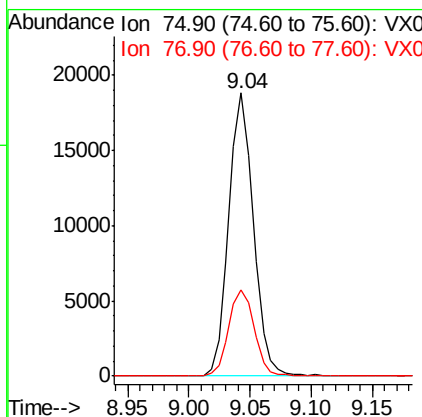
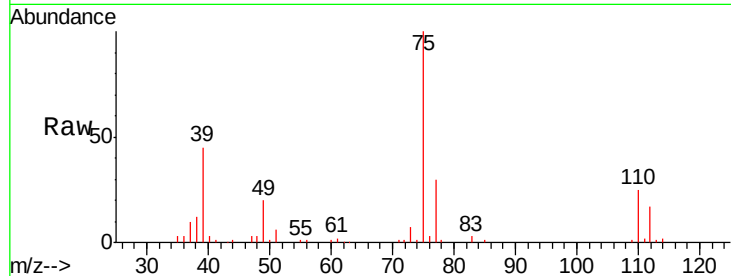
#53
 t-1,3-Dichloropropene
 Concen: 15.63 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tgt Ion: 75 Resp: 26259
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.2

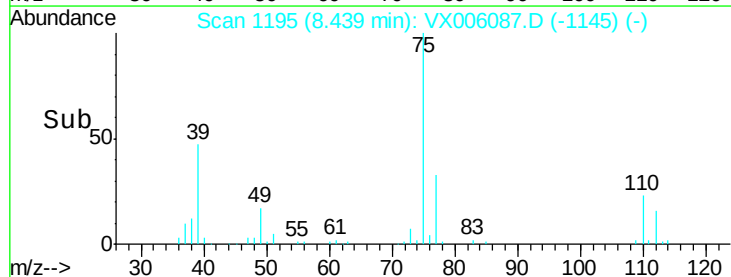
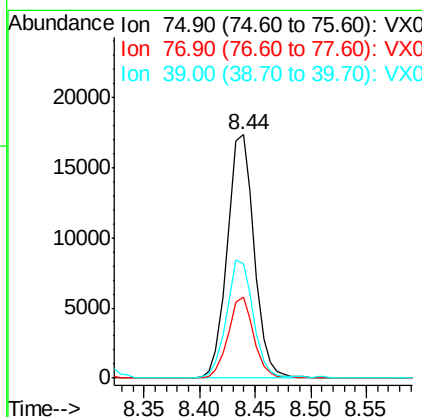
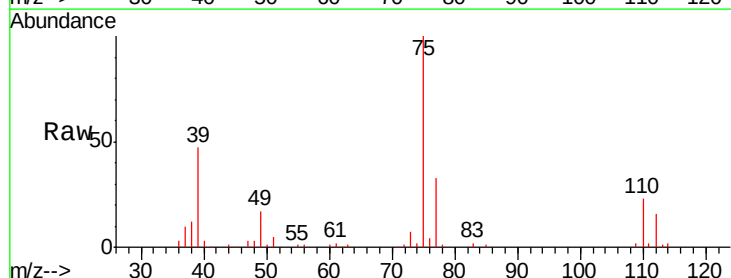
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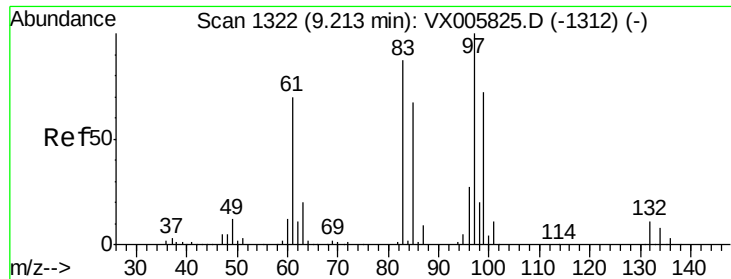
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#54
 cis-1,3-Dichloropropene
 Concen: 16.97 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Tgt Ion: 75 Resp: 29058
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.2 37.8
 39 47.0 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 15.79 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

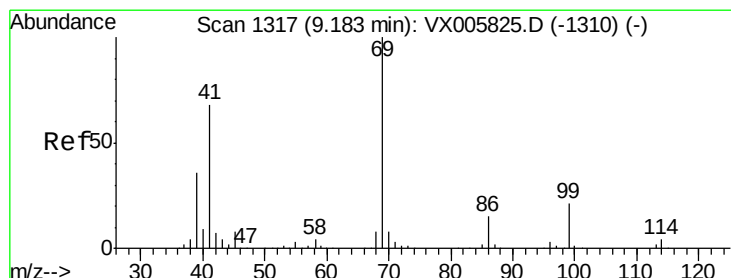
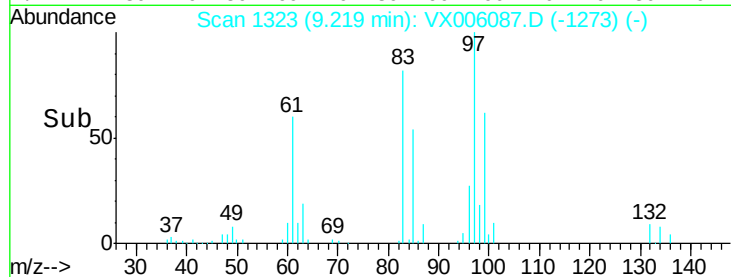
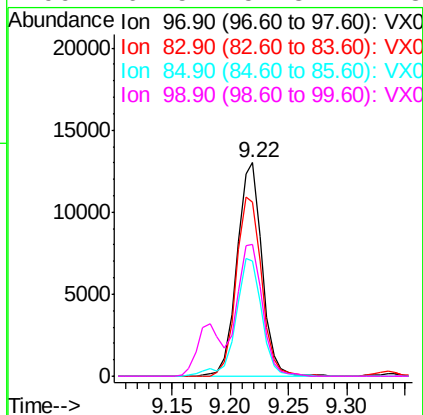
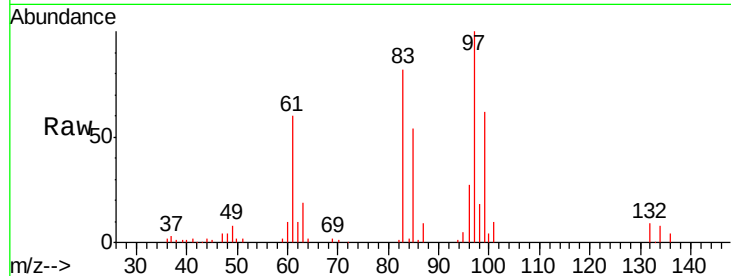
ClientSampleId :

VX1119MBS01

Tgt Ion:	97	Resp:	19453
Ion	Ratio	Lower	Upper
97	100		
83	81.8	70.7	106.1
85	54.1	45.8	68.6
99	61.5	51.8	77.8

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#56

Ethyl methacrylate

Concen: 14.44 ug/l

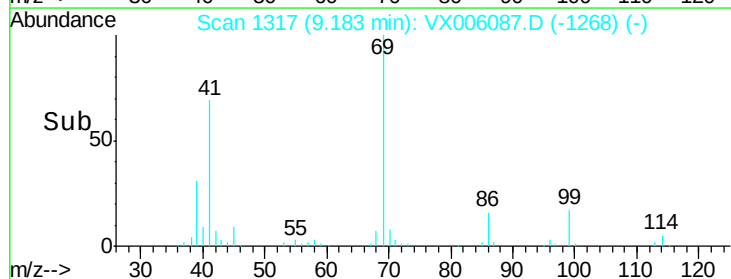
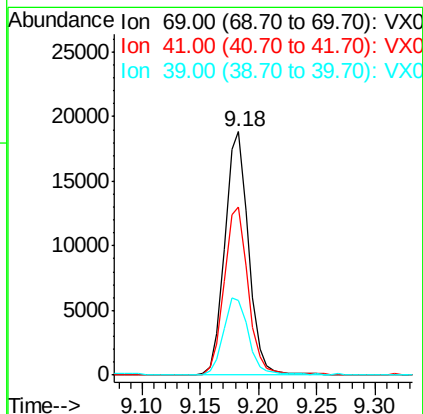
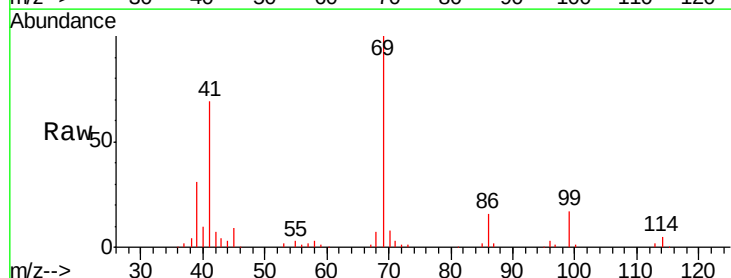
RT: 9.18 min Scan# 1317

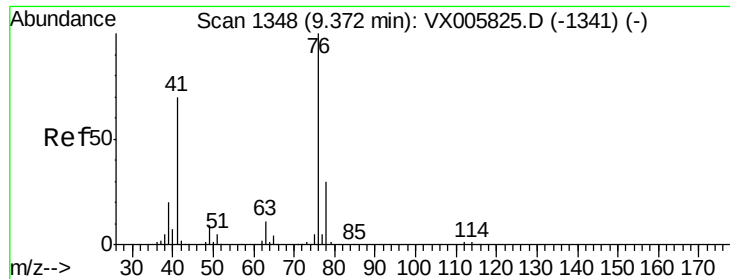
Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Tgt Ion:	69	Resp:	26614
Ion	Ratio	Lower	Upper
69	100		
41	70.5	57.0	85.6
39	34.1	28.3	42.5





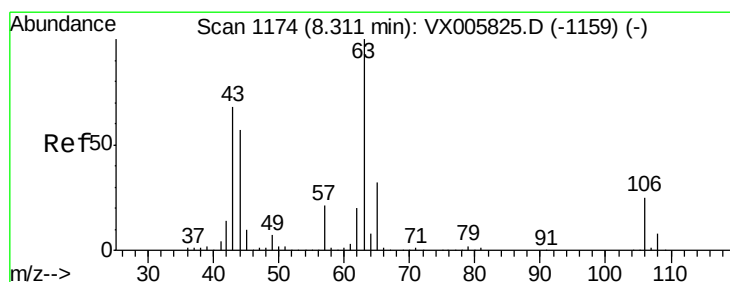
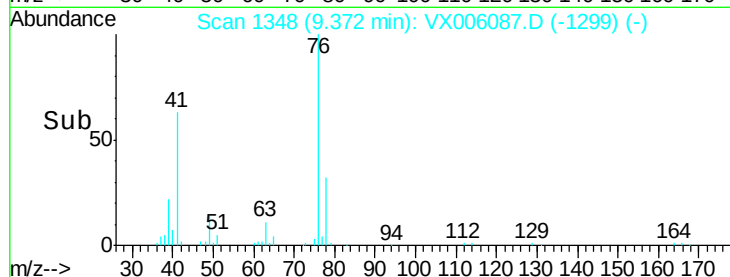
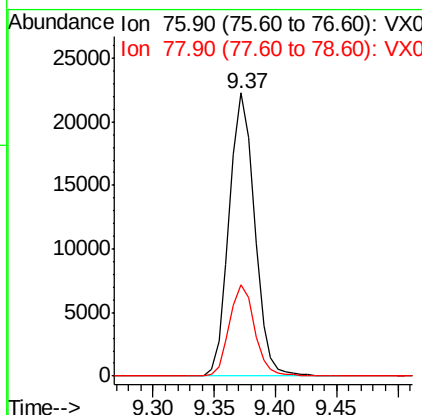
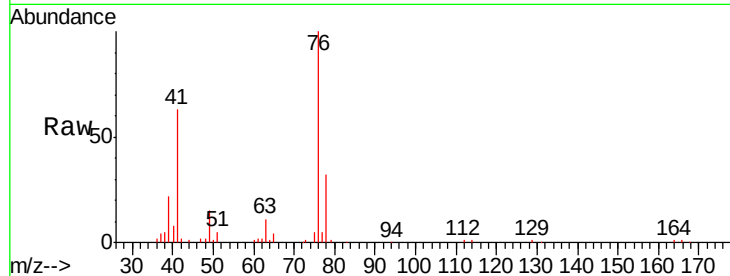
#57
 1,3-Dichloropropane
 Concen: 15.56 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tgt Ion: 76 Resp: 32219
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.3 37.9

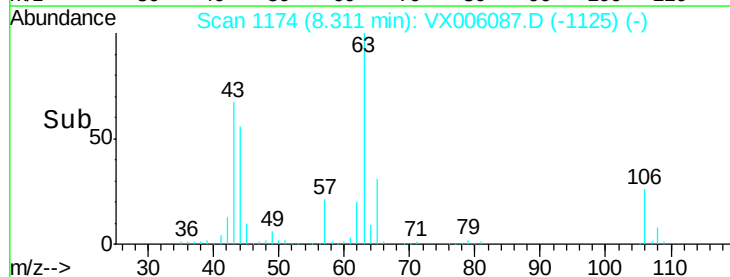
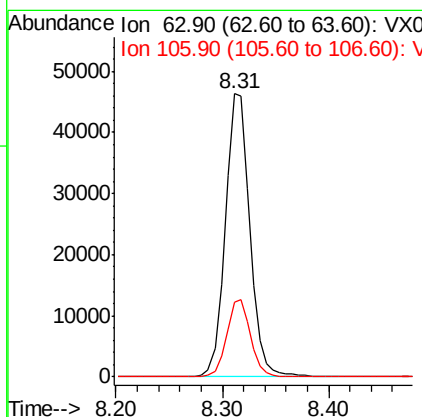
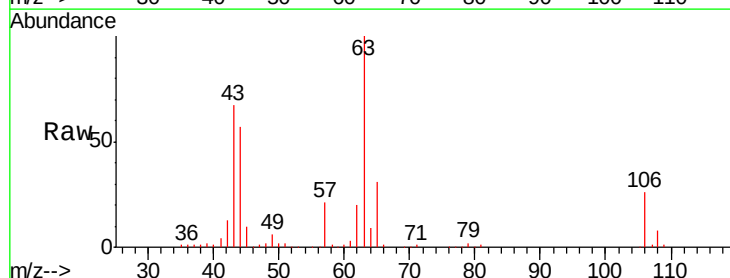
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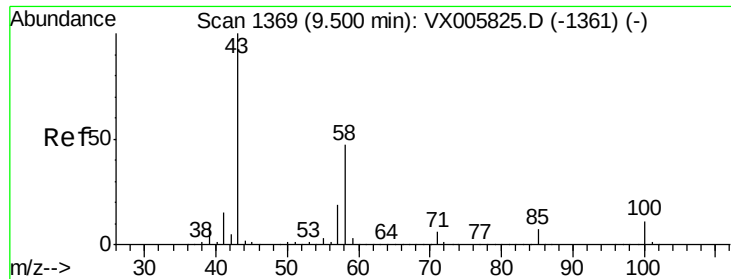
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#58
 2-Chloroethyl Vinyl ether
 Concen: 80.10 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Tgt Ion: 63 Resp: 74628
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9





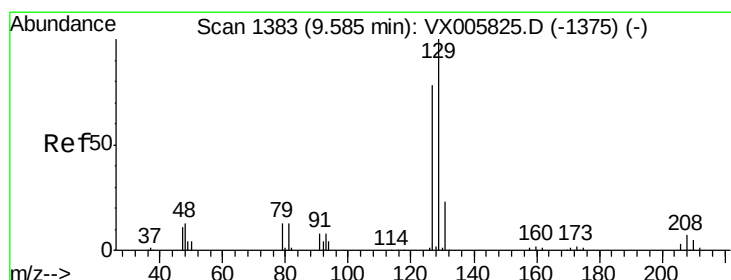
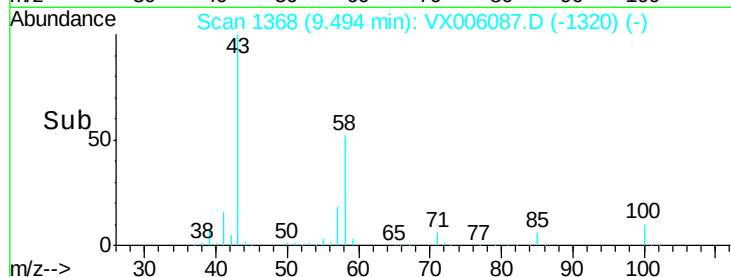
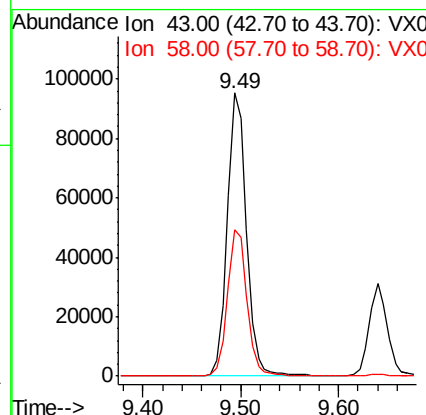
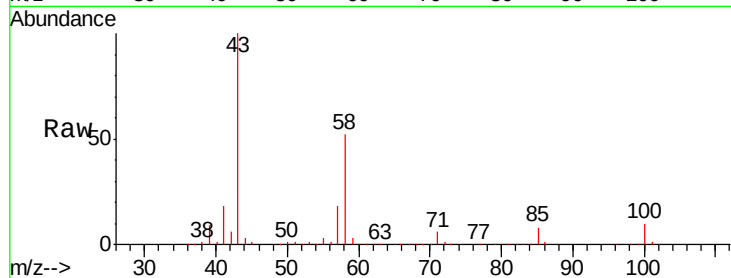
#59
2-Hexanone
Concen: 72.50 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion: 43 Resp: 130235
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8

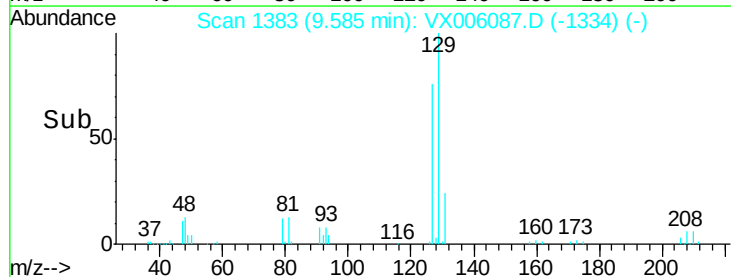
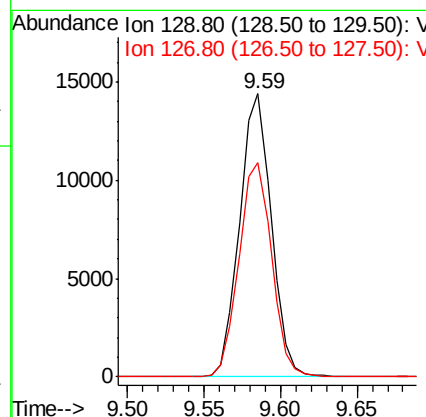
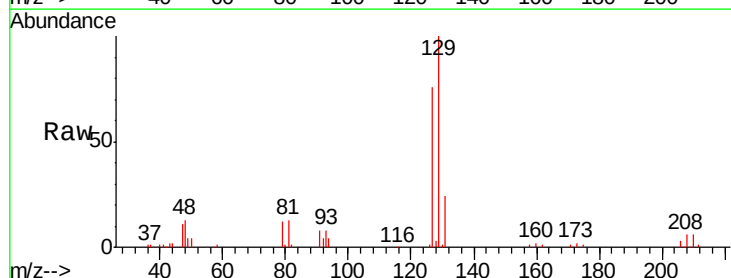
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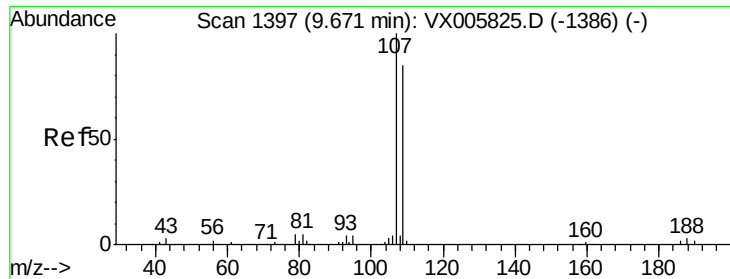
MMDadoda
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#60
Dibromochloromethane
Concen: 15.55 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion: 129 Resp: 20710
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7





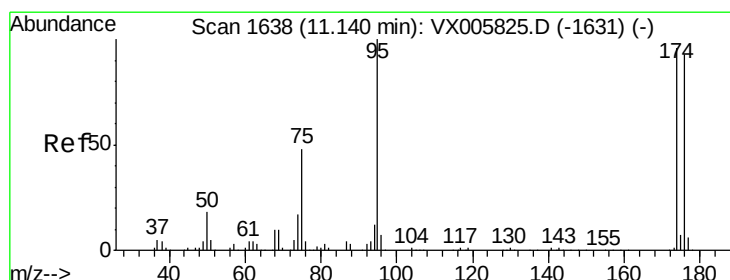
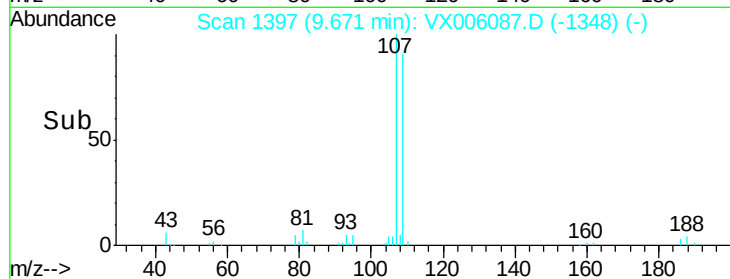
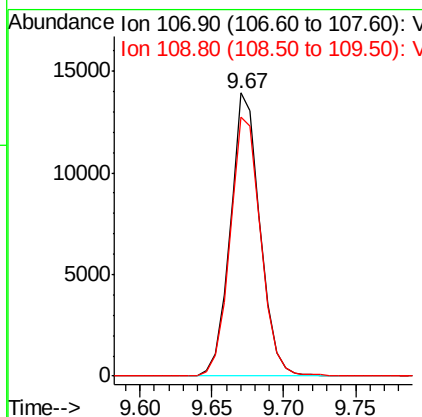
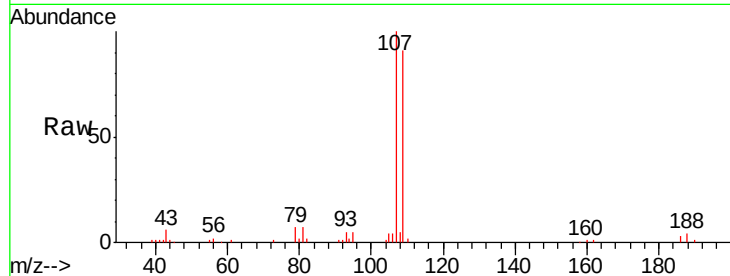
#61
 1,2-Dibromoethane
 Concen: 14.67 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tgt Ion: 107 Resp: 19985
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.7 113.5

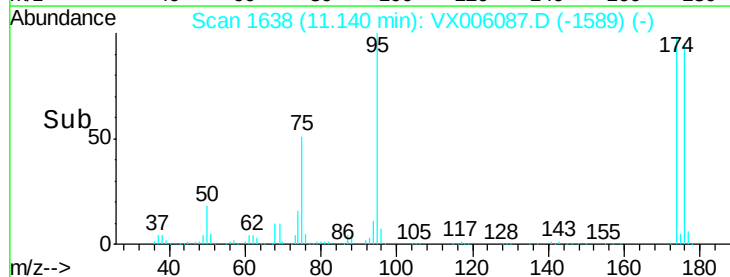
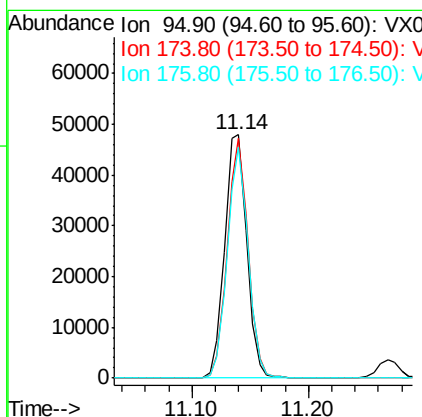
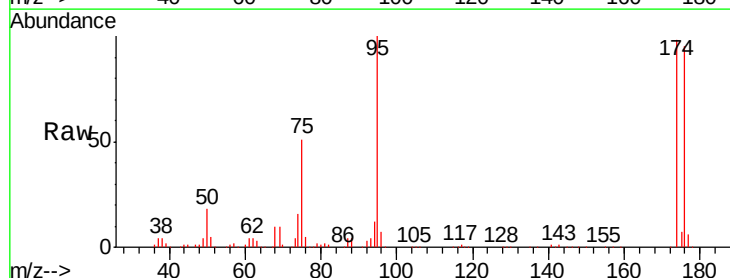
Manual Integrations
 APPROVED

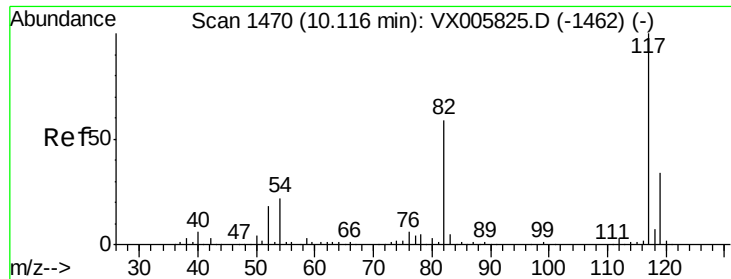
MMDadoda
 11/20/2018 9:59:38 AM



#62
 4-Bromofluorobenzene
 Concen: 44.30 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Tgt Ion: 95 Resp: 63401
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 184.4
 176 89.7 0.0 177.4





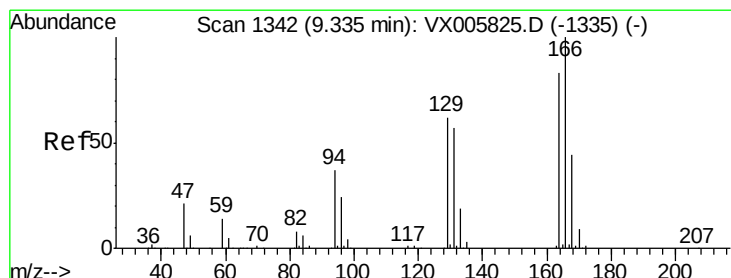
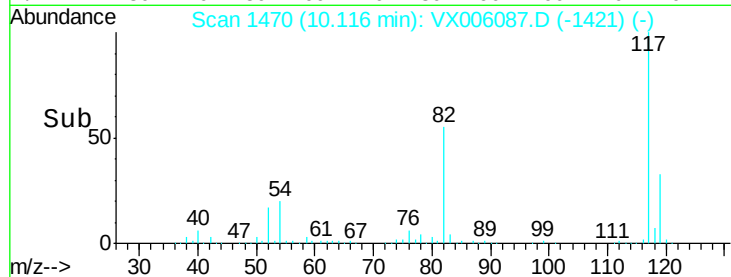
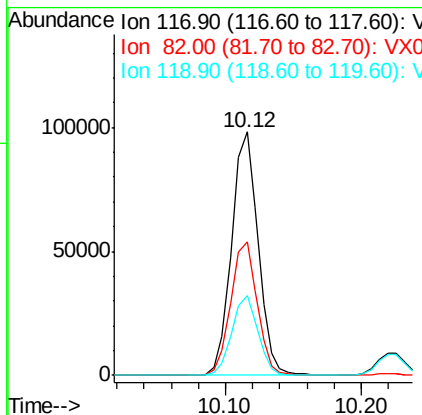
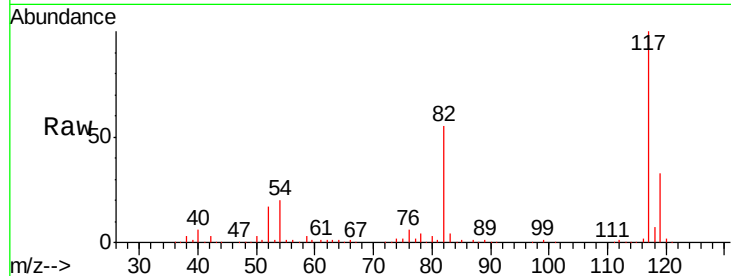
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	133218		
82	54.7	44.1	66.1	
119	32.5	26.2	39.2	

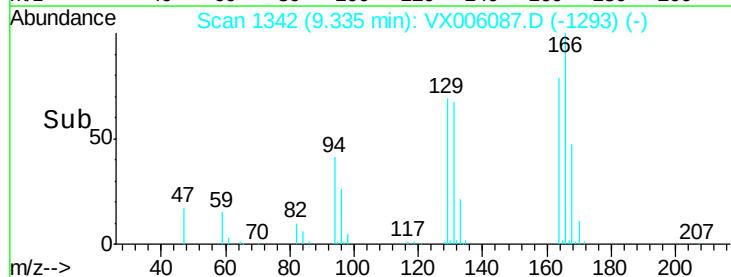
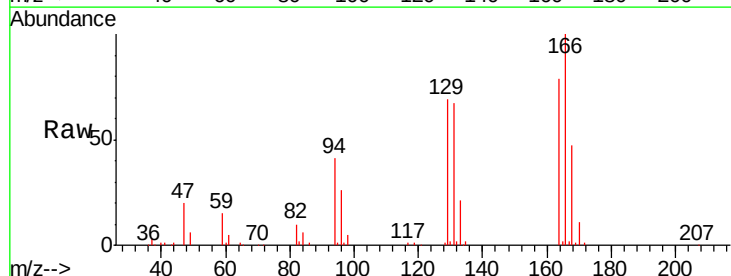
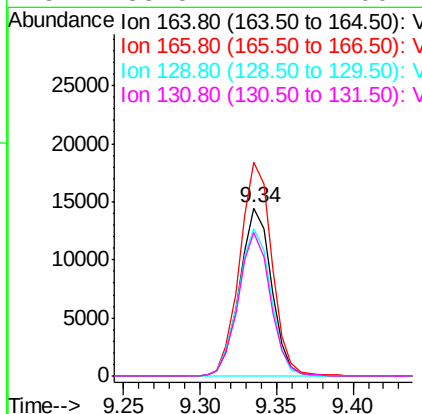
Manual Integrations
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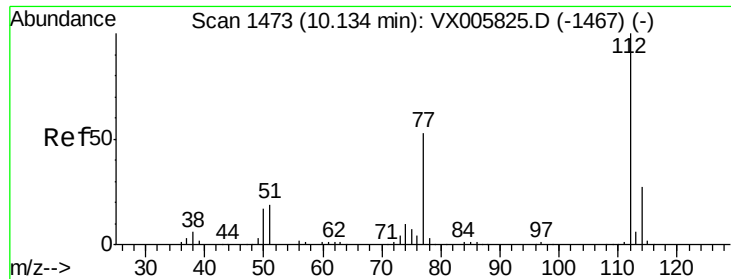
MMDadoda
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#64
Tetrachloroethene
Concen: 18.42 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	20897		
166	127.4	101.9	152.9	
129	88.1	72.6	109.0	
131	85.8	71.1	106.7	





#65

Chlorobenzene

Concen: 19.28 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

Tgt Ion:112 Resp: 51459

Ion Ratio Lower Upper

112 100

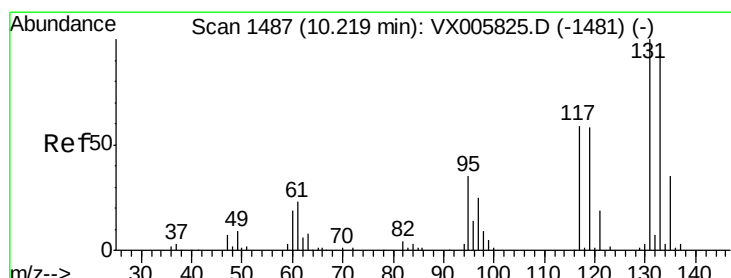
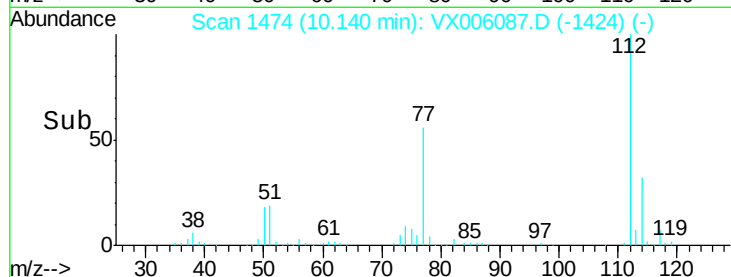
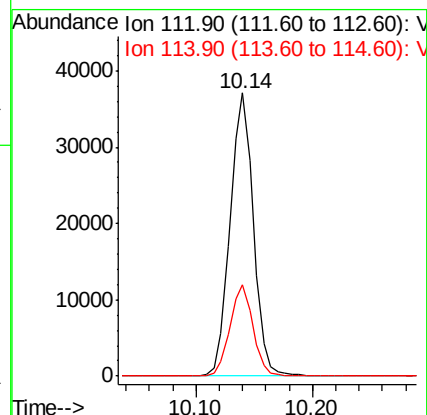
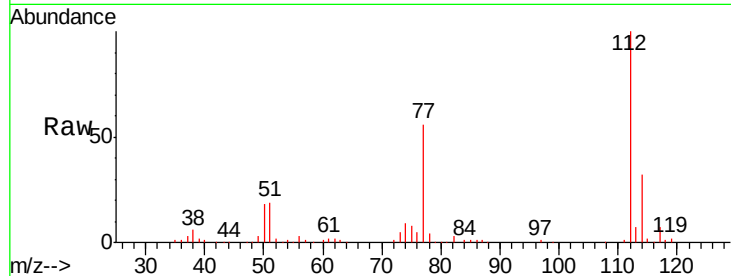
114 32.2 25.8 38.6

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.33 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

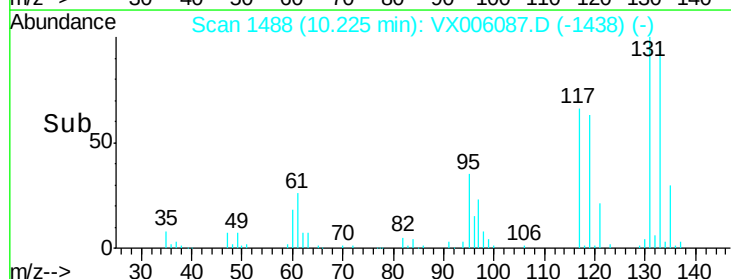
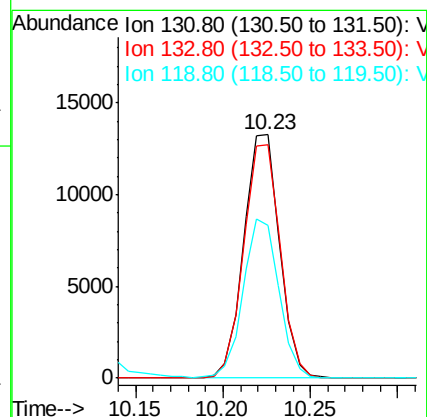
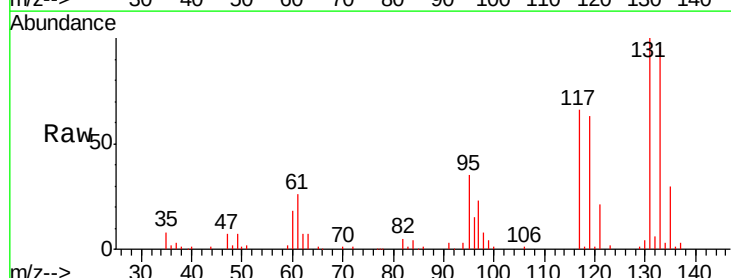
Tgt Ion:131 Resp: 18863

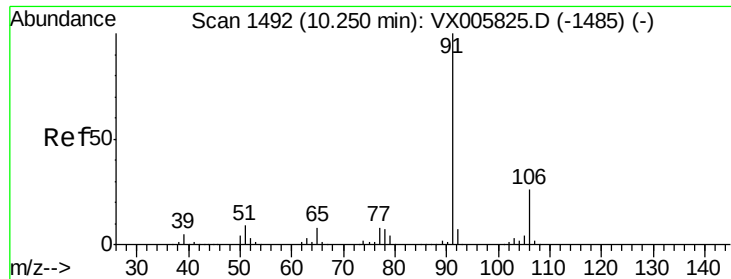
Ion Ratio Lower Upper

131 100

133 97.8 47.5 142.5

119 65.2 31.8 95.3





#67

Ethyl Benzene

Concen: 19.77 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

Tgt Ion: 91 Resp: 84587

Ion Ratio Lower Upper

91 100

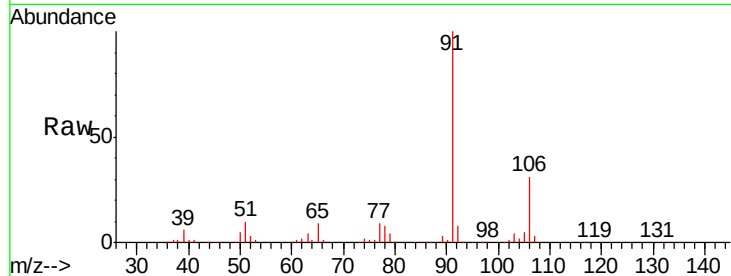
106 30.8 24.4 36.6

Manual Integrations

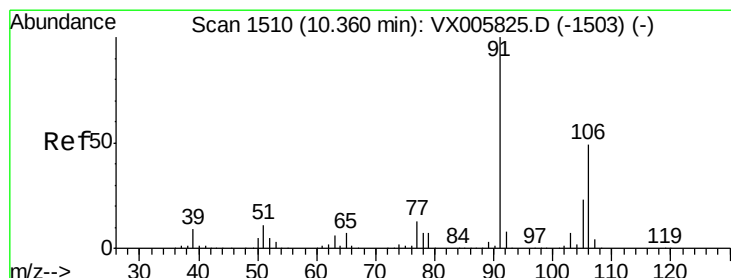
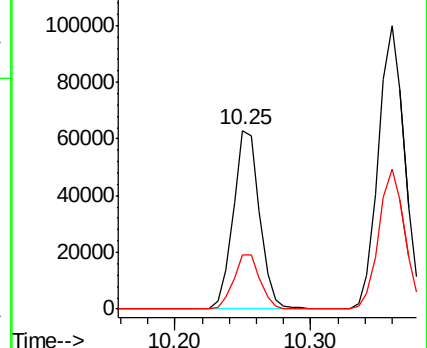
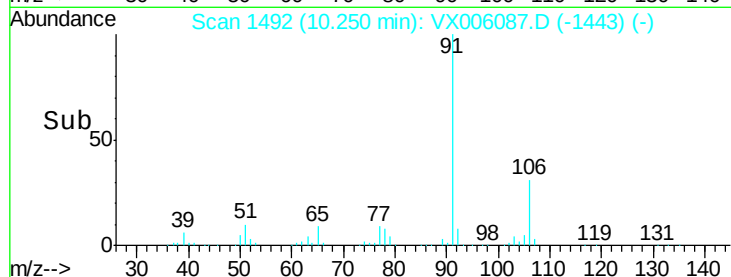
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Abundance Ion 91.00 (90.70 to 91.70): VX006087.D (-1443) (-)



#68

m/p-Xylenes

Concen: 40.28 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006087.D

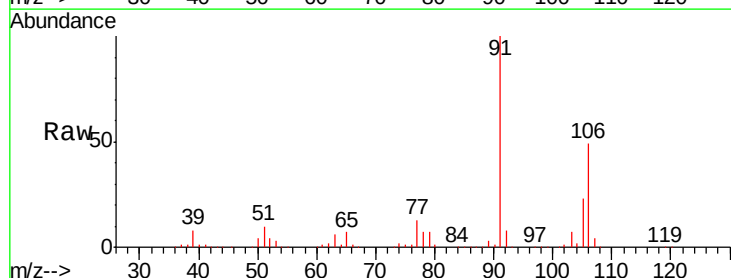
Acq: 19 Nov 2018 13:28

Tgt Ion: 106 Resp: 65744

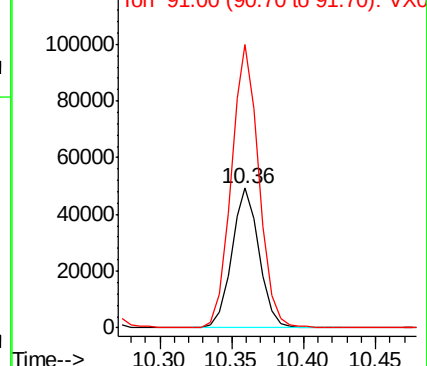
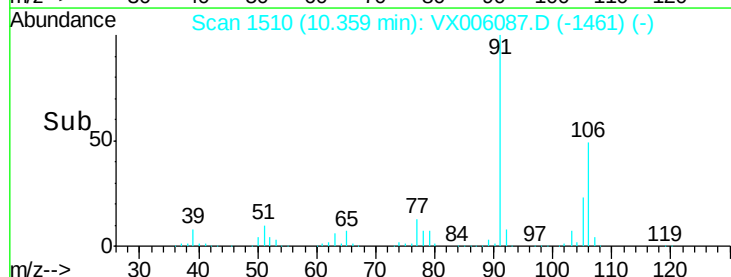
Ion Ratio Lower Upper

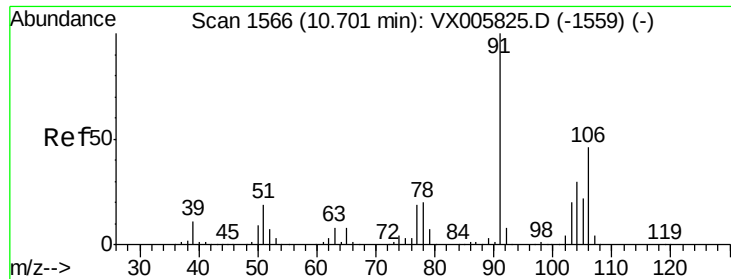
106 100

91 204.0 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX006087.D (-1461) (-)





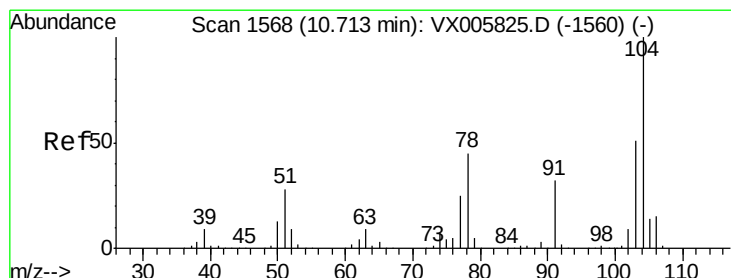
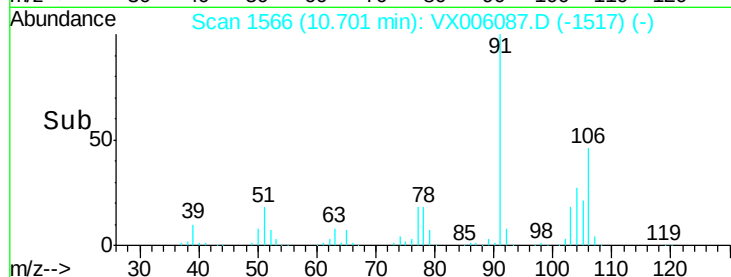
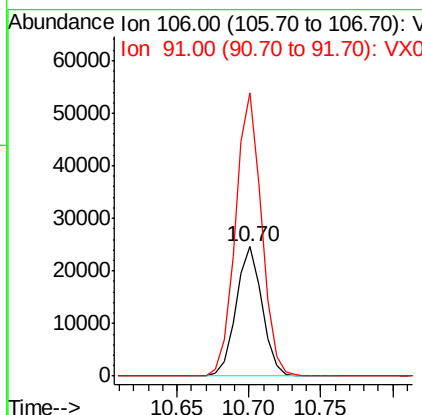
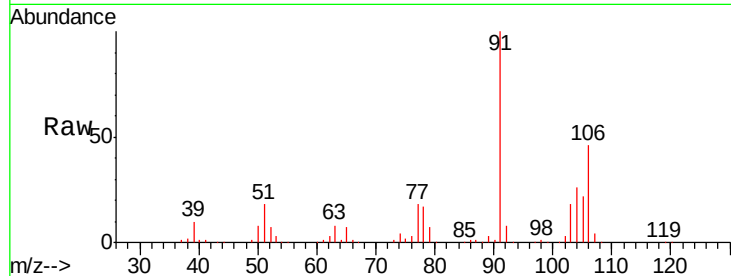
#69
o-Xylene
Concen: 21.22 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion:106 Resp: 31054
Ion Ratio Lower Upper
106 100
91 219.0 108.5 325.5

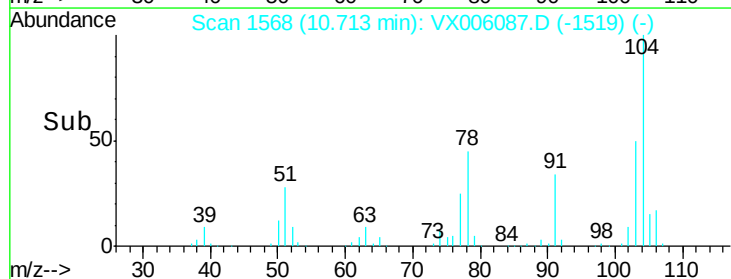
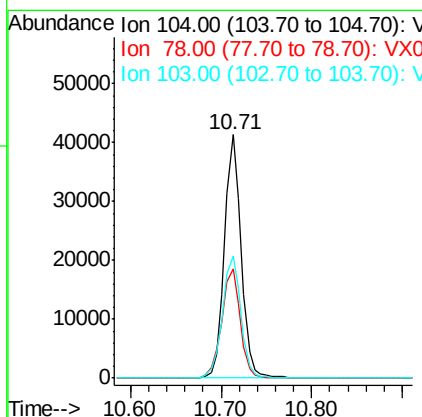
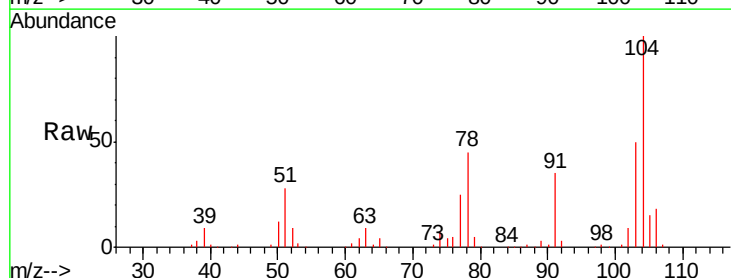
Manual Integrations
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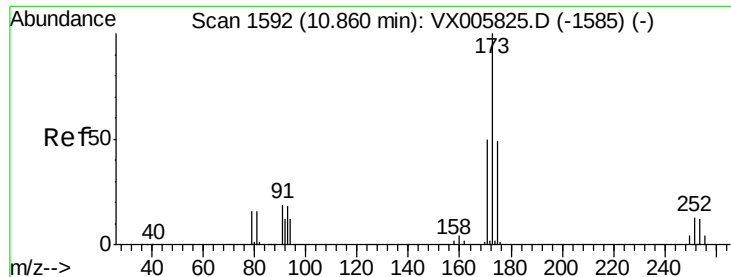
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#70
Styrene
Concen: 22.00 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion:104 Resp: 53129
Ion Ratio Lower Upper
104 100
78 50.0 40.2 60.4
103 55.4 44.9 67.3





#71

Bromoform

Concen: 22.13 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

Tgt Ion:173 Resp: 17211

Ion Ratio Lower Upper

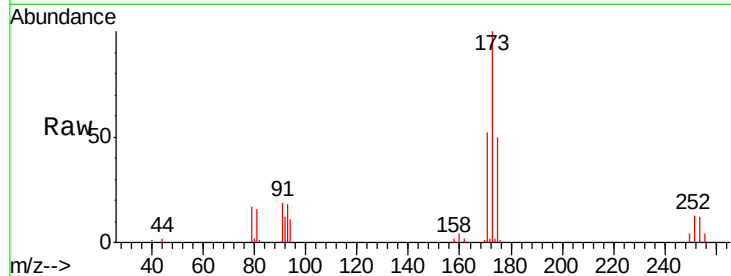
173 100

175 49.3 24.8 74.3

254 0.0 0.2 0.2#

Manual Integrations
APPROVED

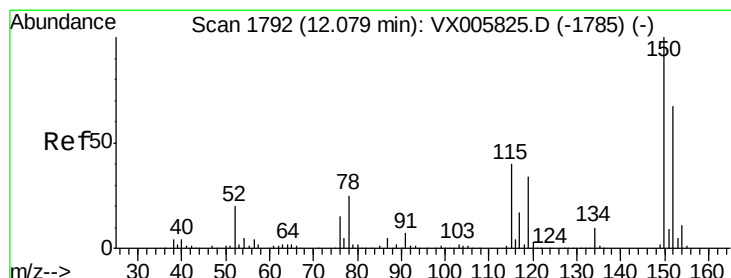
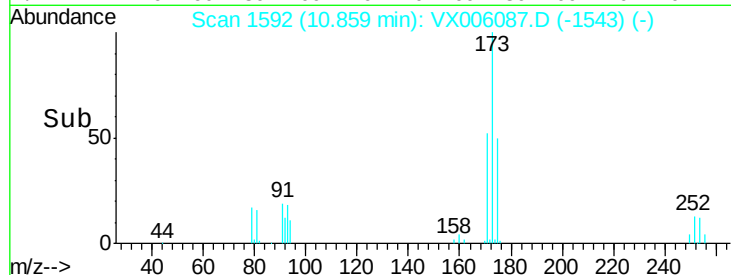
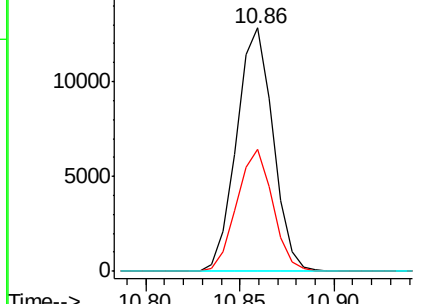
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

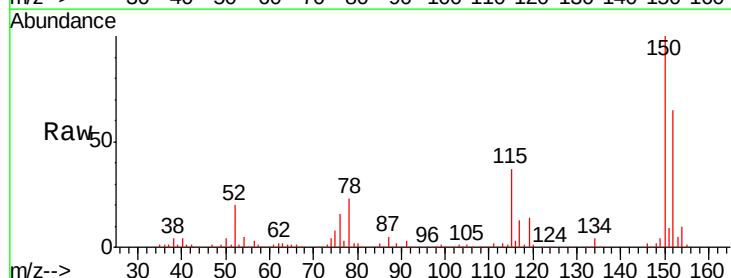
Tgt Ion:152 Resp: 74084

Ion Ratio Lower Upper

152 100

115 63.4 39.4 118.1

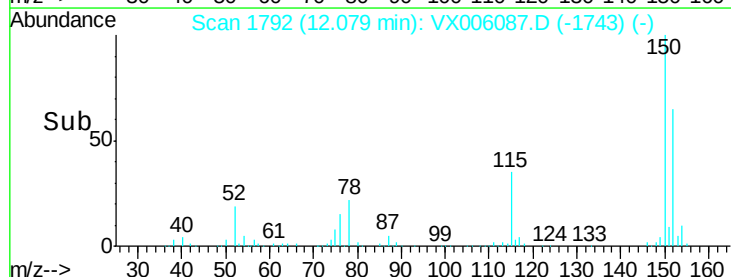
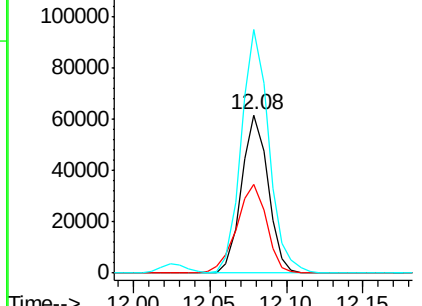
150 160.8 0.0 346.4

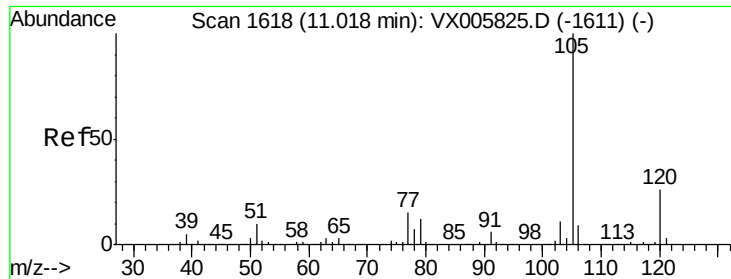


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





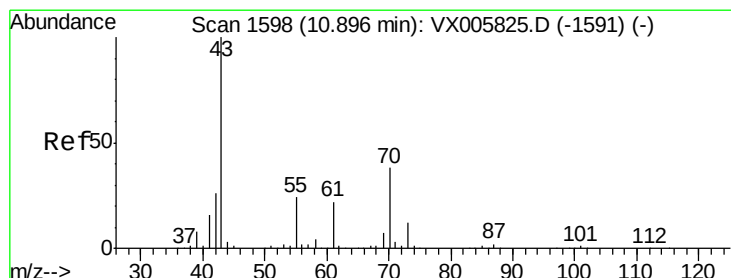
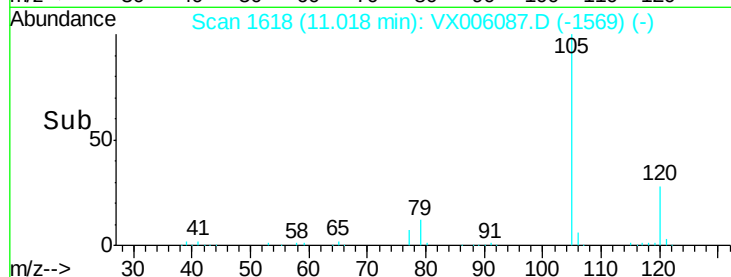
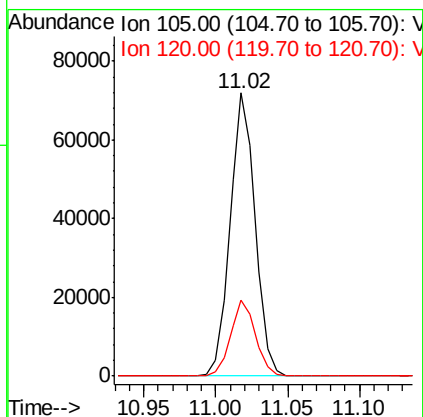
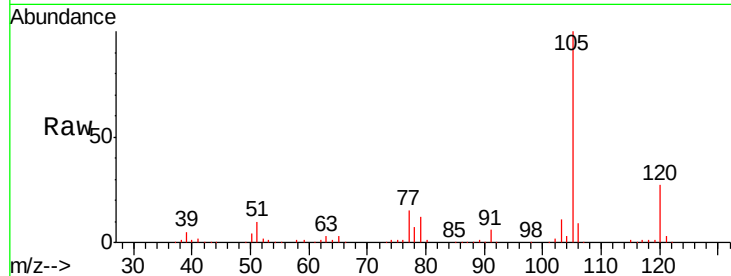
#73
Isopropylbenzene
Concen: 20.47 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion: 105 Resp: 87698
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

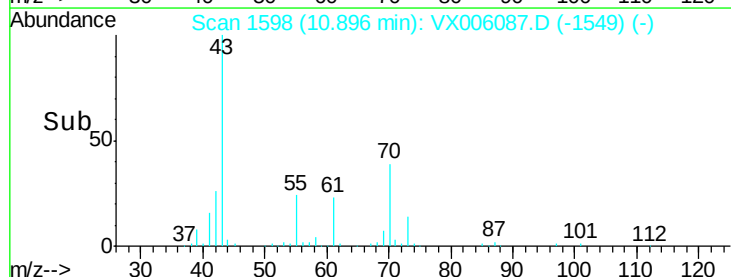
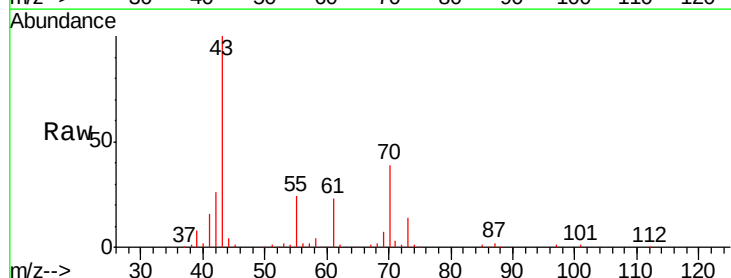
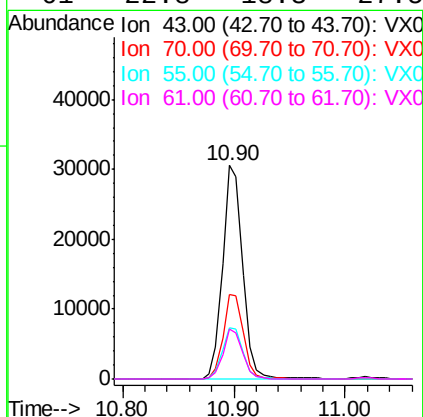
Manual Integrations
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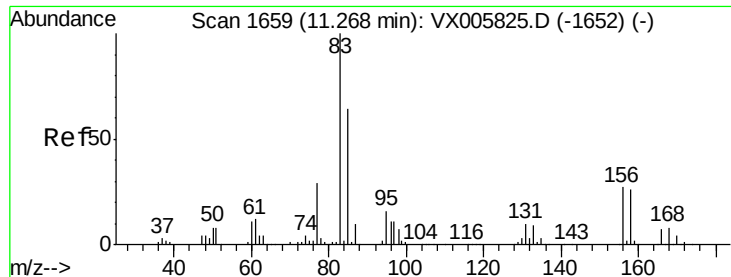
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#74
N-ethyl acetate
Concen: 16.68 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion: 43 Resp: 38050
Ion Ratio Lower Upper
43 100
70 39.9 31.6 47.4
55 24.8 19.7 29.5
61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.81 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

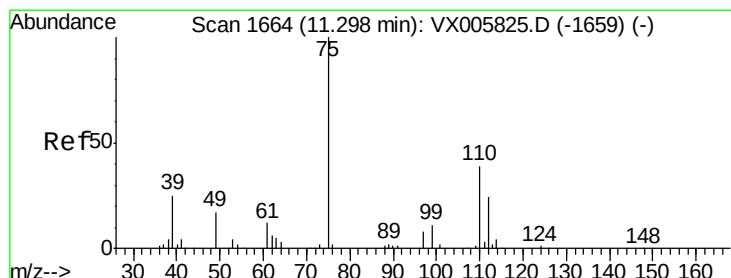
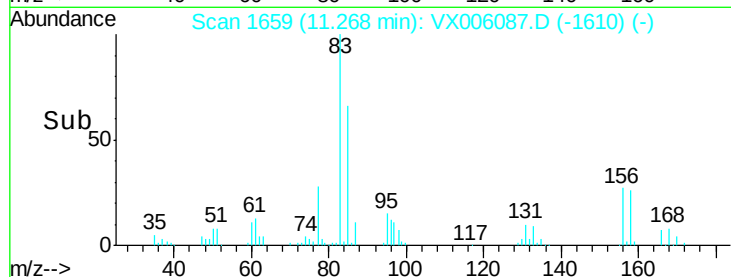
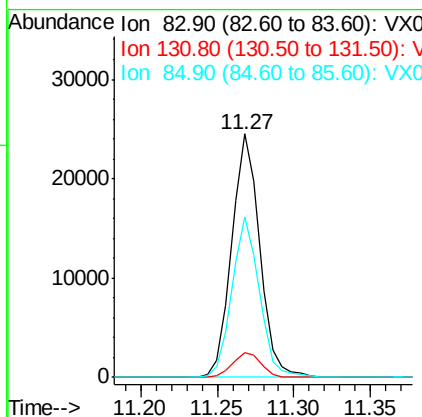
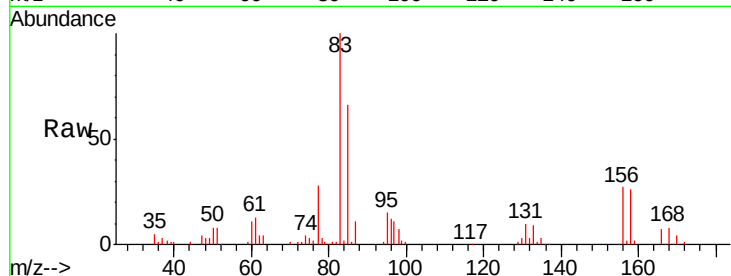
ClientSampleId :

VX1119MBS01

Tgt Ion:	83	Resp:	31150
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	15.9
85	64.7	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.92 ug/l m

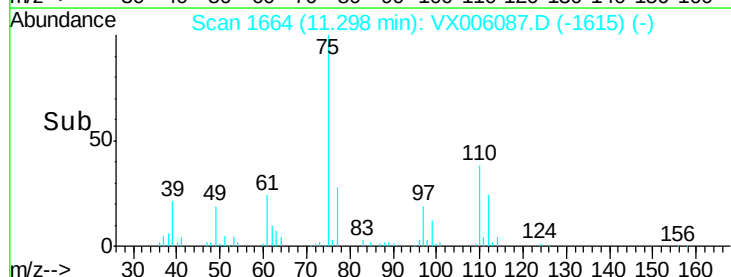
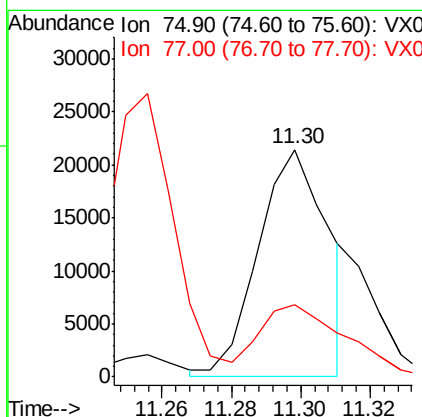
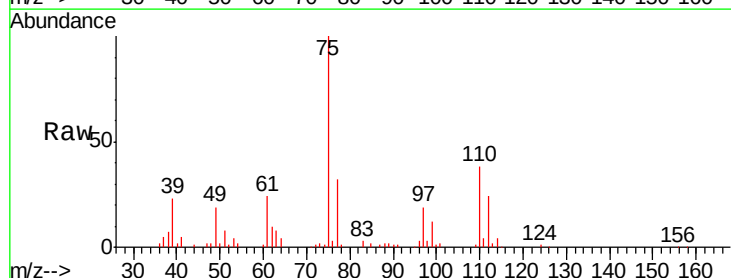
RT: 11.30 min Scan# 1664

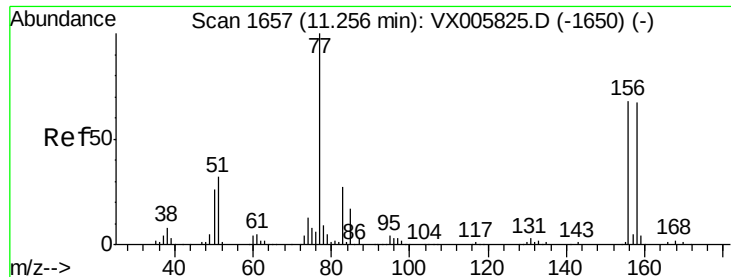
Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Tgt Ion:	75	Resp:	30047
Ion	Ratio	Lower	Upper
75	100		
77	39.1	20.5	61.6





#77

Bromobenzene

Concen: 19.99 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

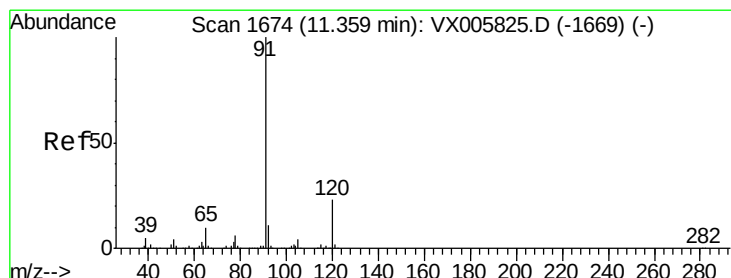
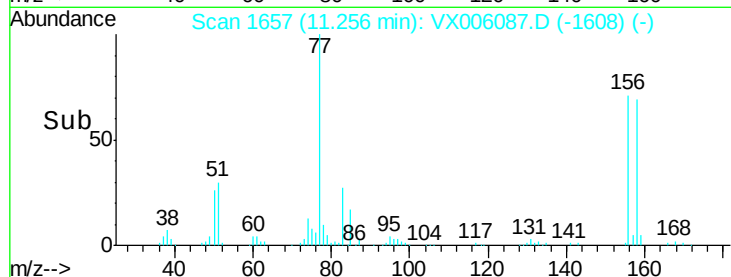
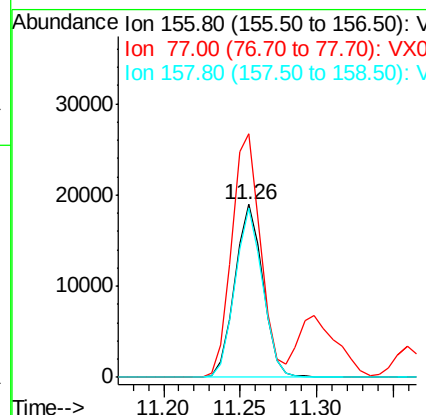
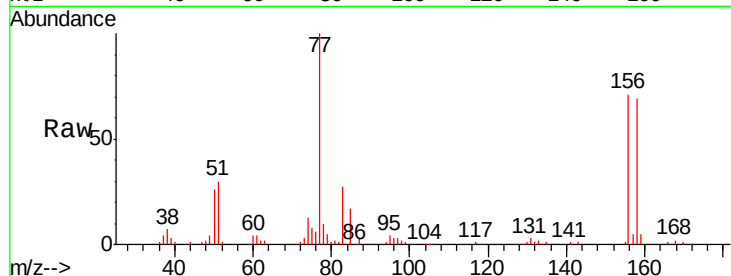
ClientSampleId :

VX1119MBS01

Tgt Ion:	156	Resp:	24140
Ion Ratio	Lower	Upper	
156	100		
77	145.3	74.8	224.4
158	96.2	49.1	147.3

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#78

n-propylbenzene

Concen: 19.88 ug/l

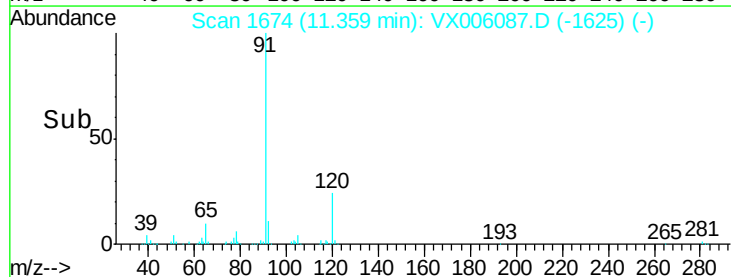
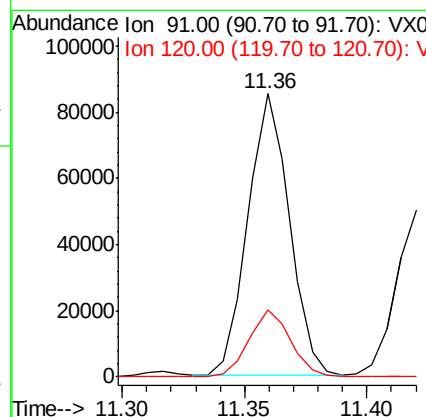
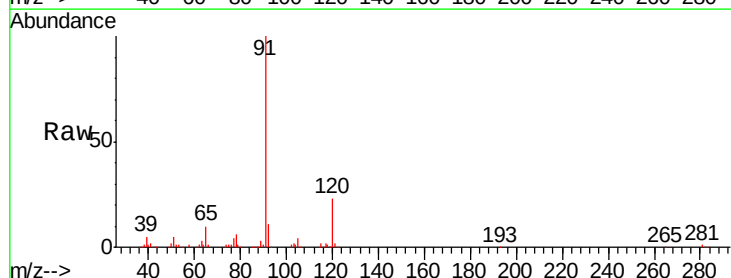
RT: 11.36 min Scan# 1674

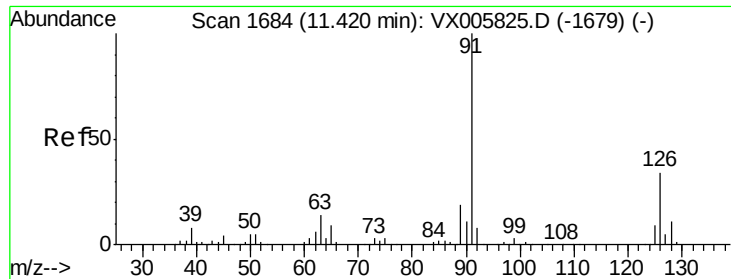
Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Tgt Ion:	91	Resp:	100386
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.5





#79

2-Chlorotoluene

Concen: 20.06 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

Tgt Ion: 91 Resp: 61223

Ion Ratio Lower Upper

91 100

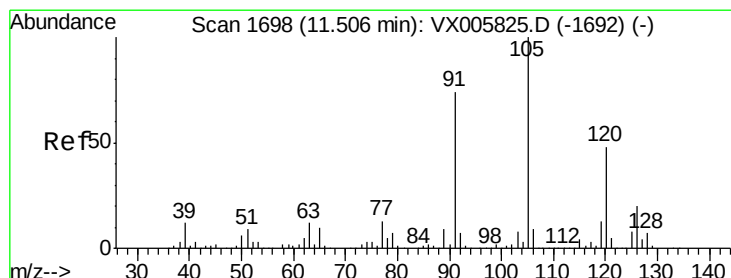
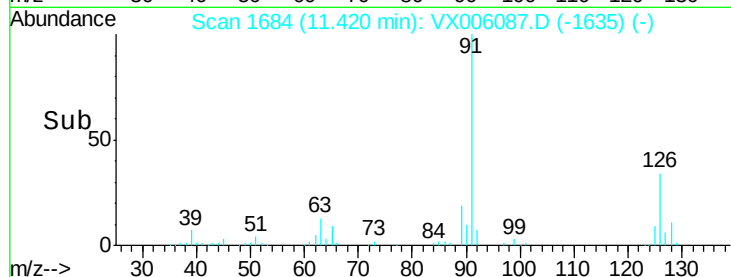
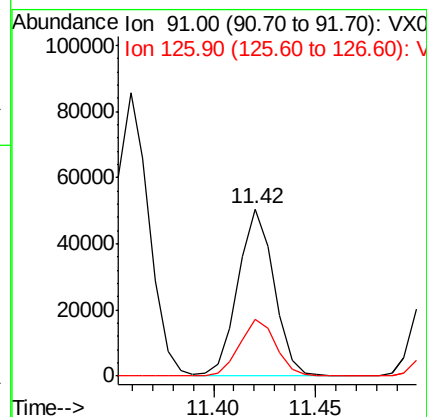
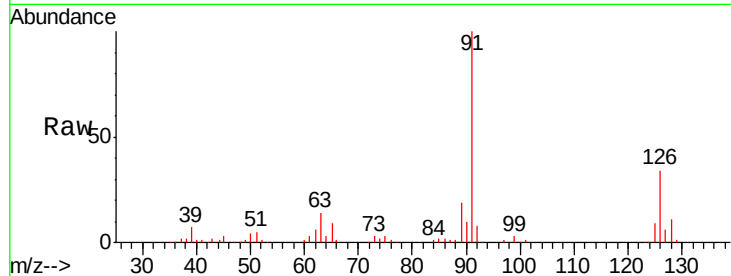
126 34.5 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.26 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006087.D

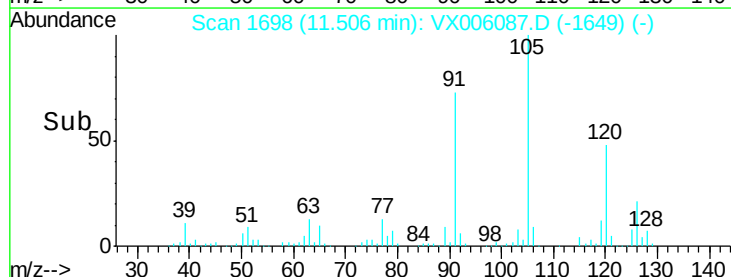
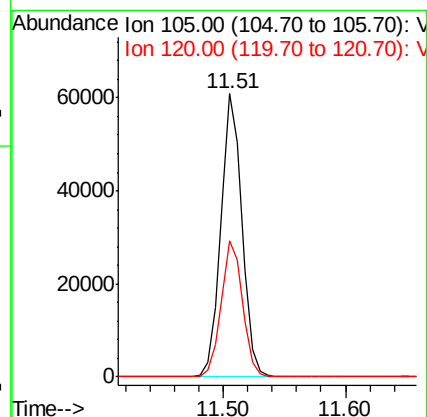
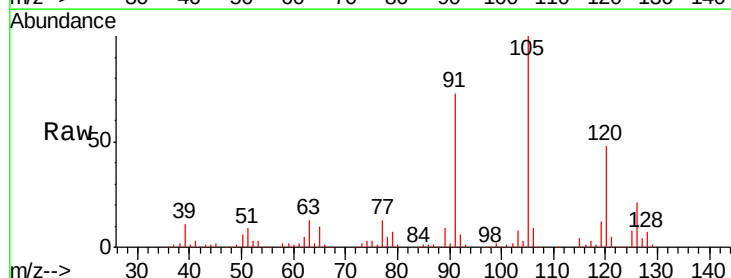
Acq: 19 Nov 2018 13:28

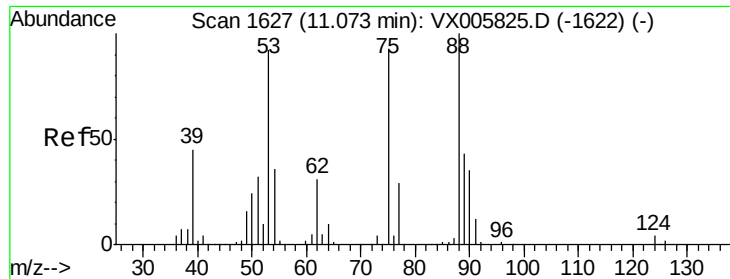
Tgt Ion: 105 Resp: 73749

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2





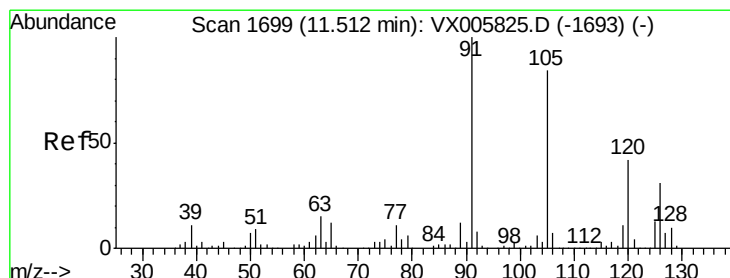
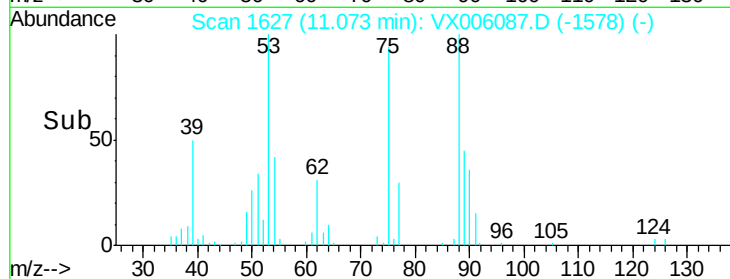
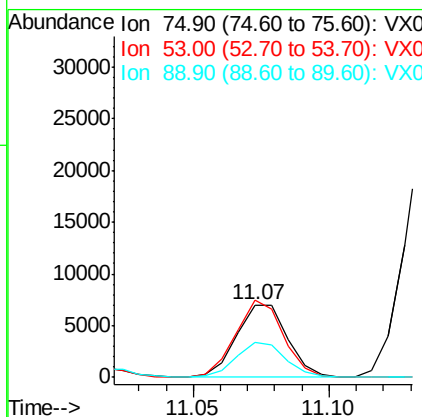
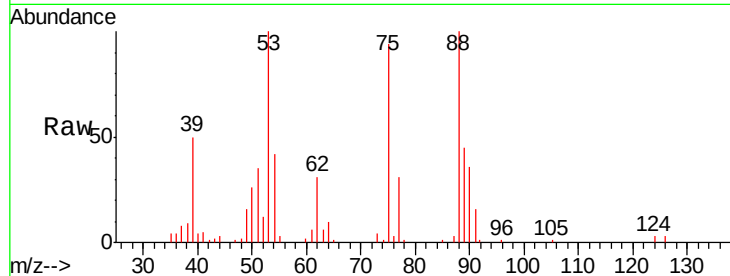
#81
trans-1,4-Dichloro-2-butene
Concen: 19.30 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.7	80.2	120.2
89	46.6	39.8	59.8

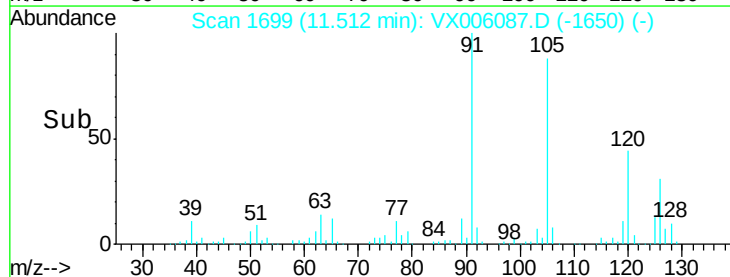
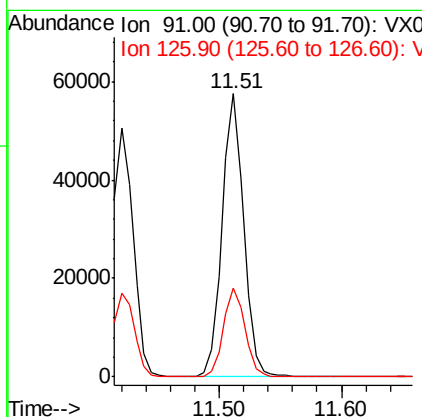
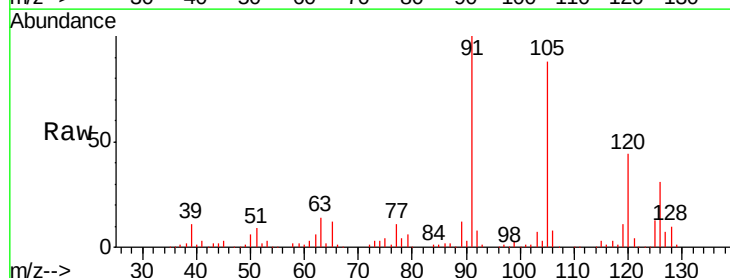
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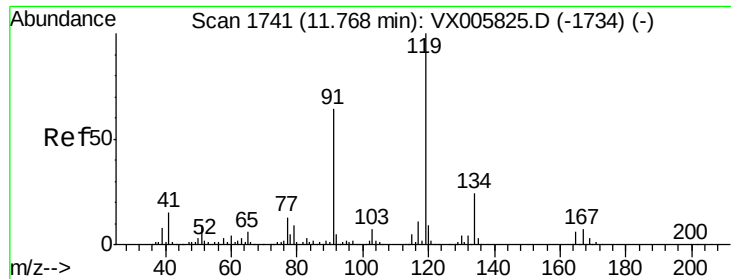
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#82
4-Chlorotoluene
Concen: 19.66 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.2	45.6





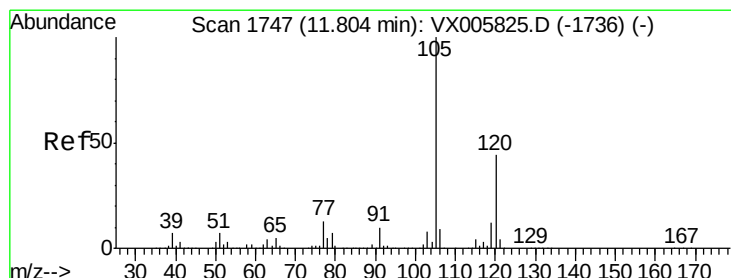
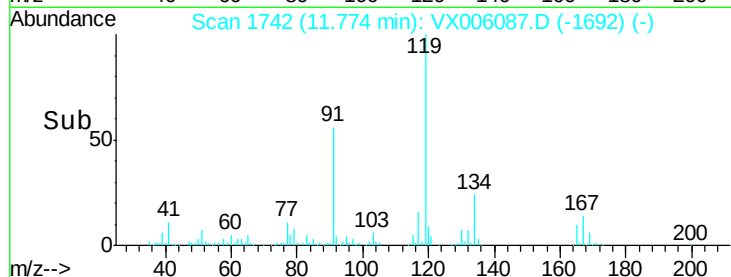
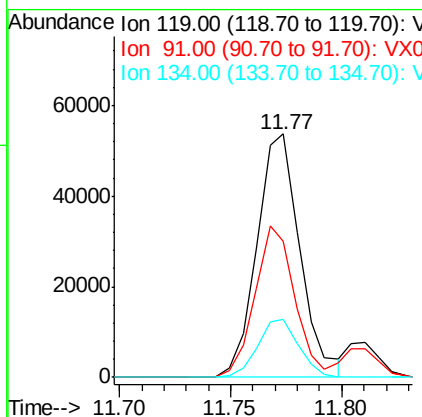
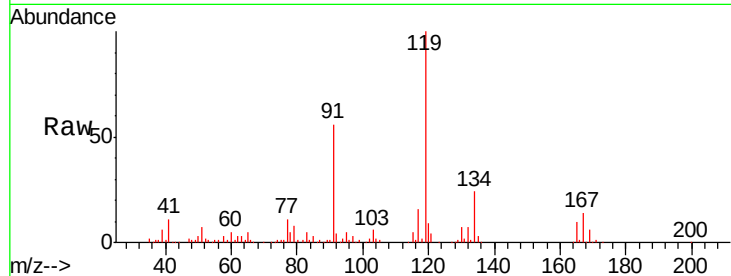
#83
 tert-Butylbenzene
 Concen: 19.62 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.5	28.5	85.5
134	22.7	11.3	33.8

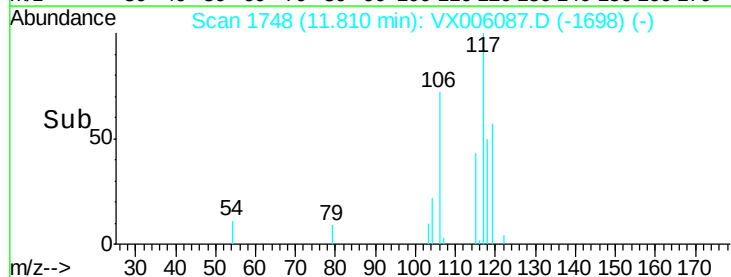
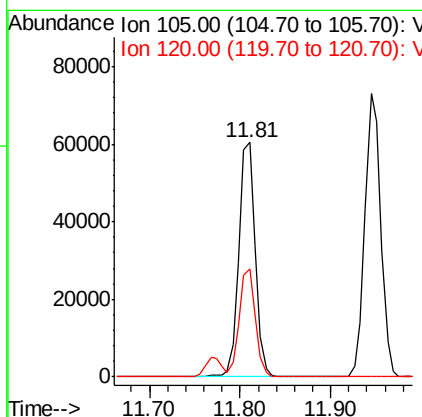
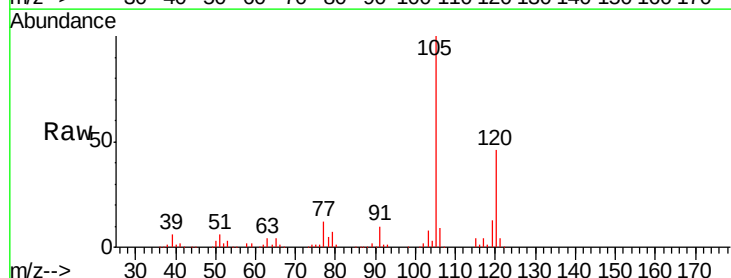
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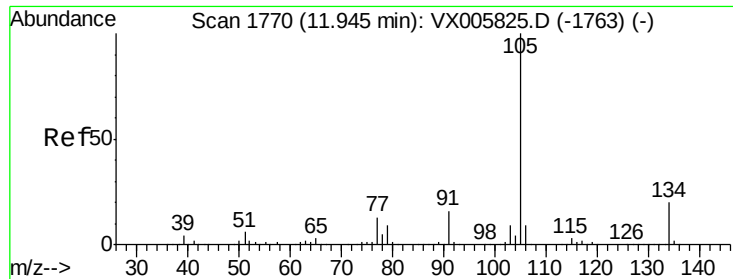
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.84 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.0





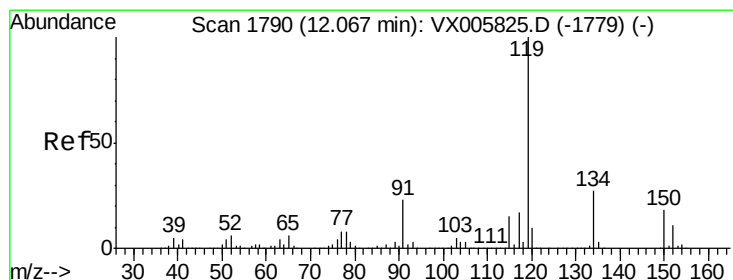
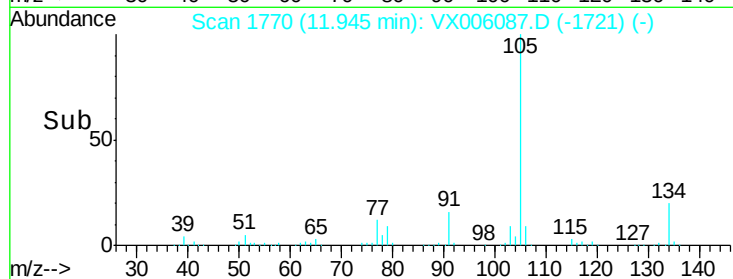
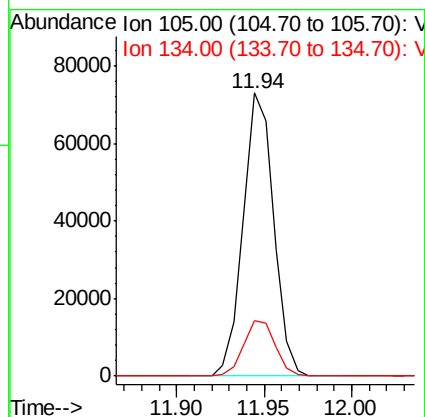
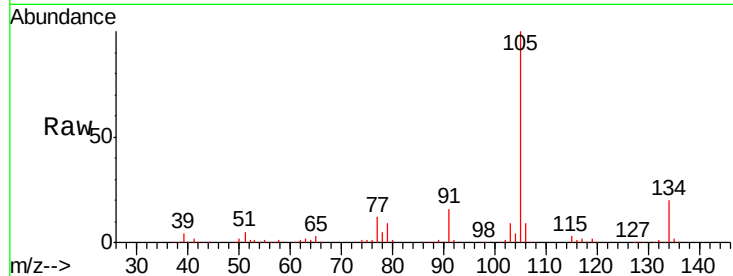
#85
 sec-Butylbenzene
 Concen: 19.71 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tgt Ion:105 Resp: 88754
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

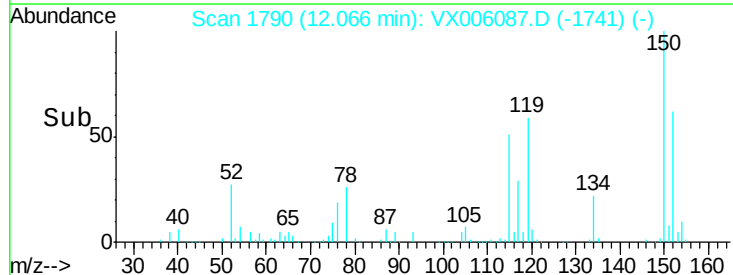
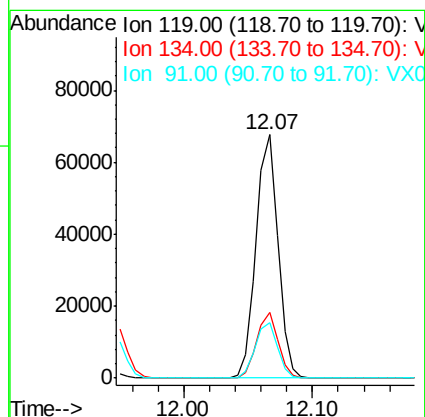
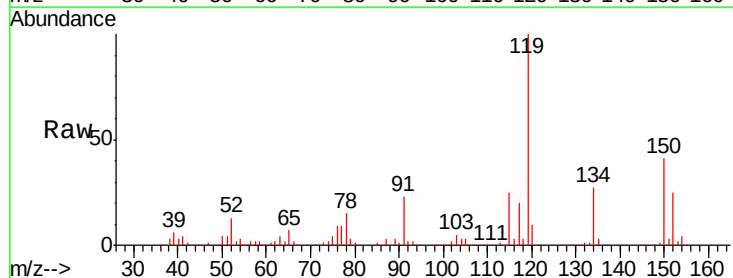
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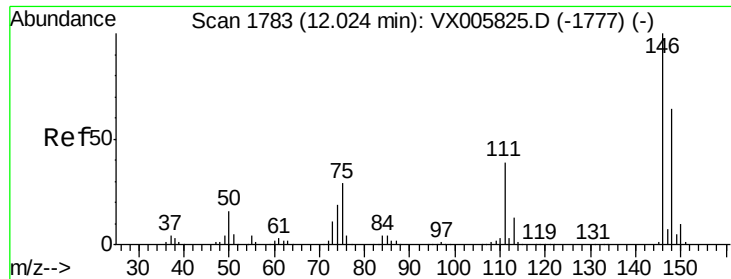
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#86
 p-Isopropyltoluene
 Concen: 19.81 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Tgt Ion:119 Resp: 79027
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.1 11.4 34.2





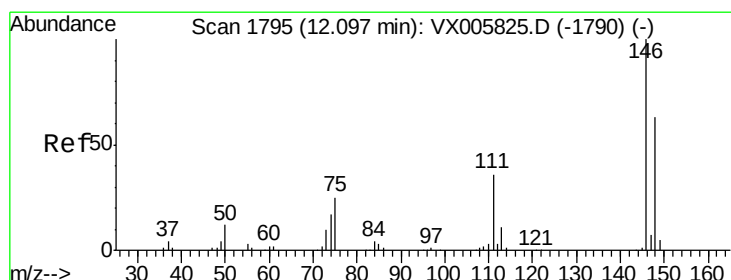
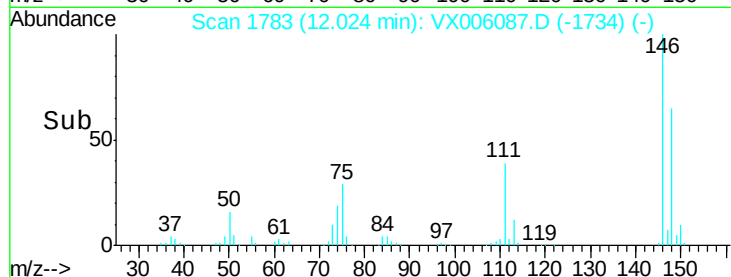
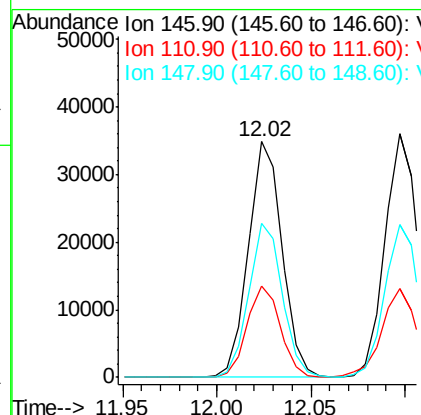
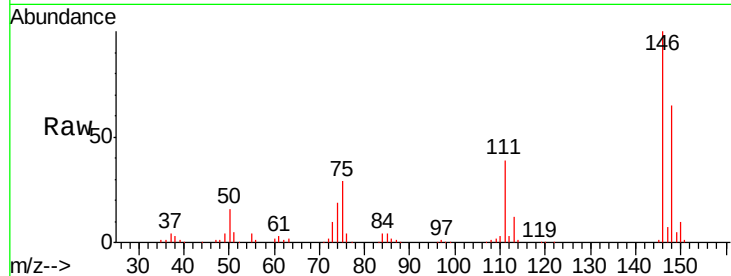
#87
 1,3-Dichlorobenzene
 Concen: 18.70 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	65.2	31.9	95.9

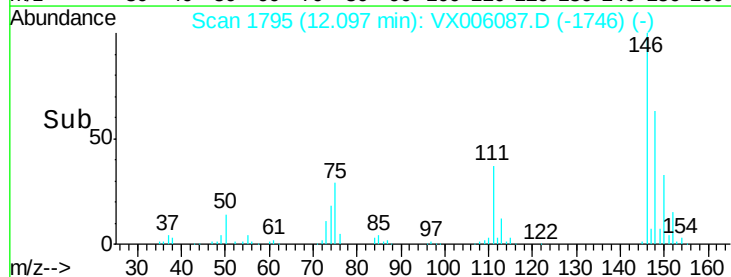
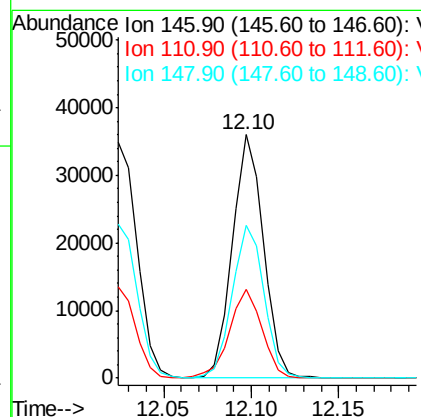
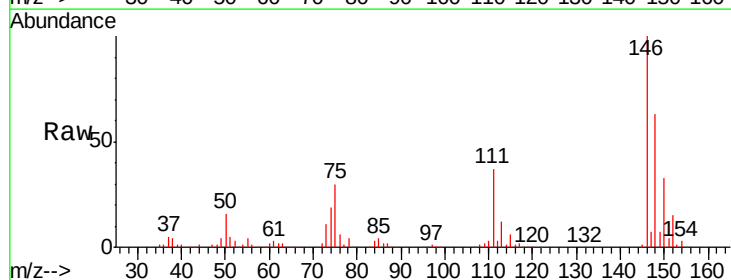
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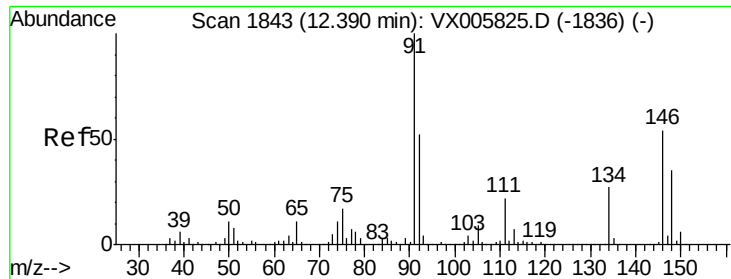
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#88
 1,4-Dichlorobenzene
 Concen: 18.76 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.8
148	64.3	32.1	96.3





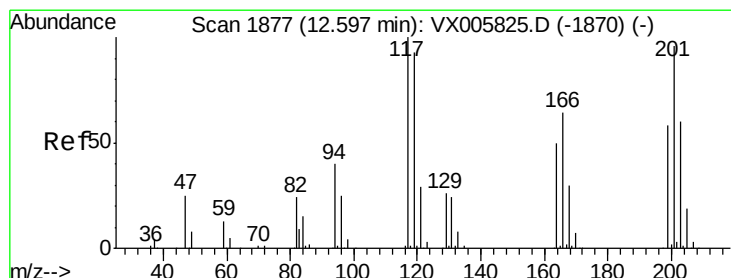
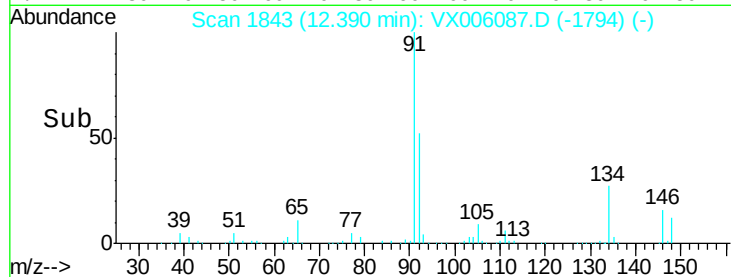
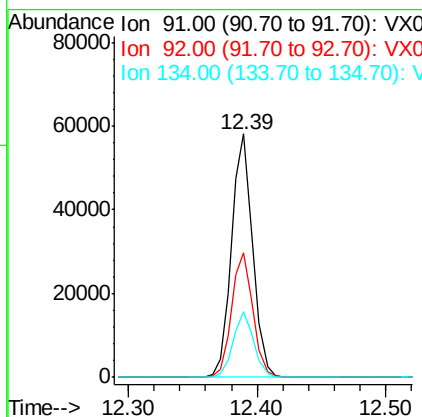
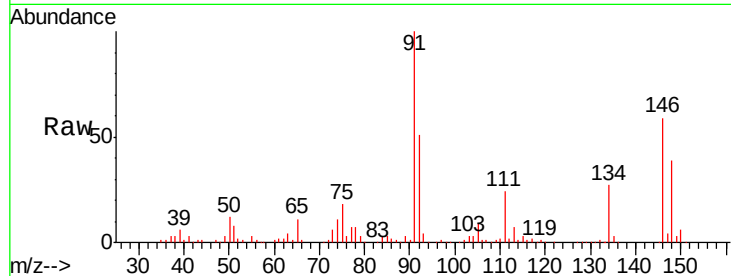
#89
n-Butylbenzene
Concen: 18.13 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tgt Ion: 91 Resp: 67048
Ion Ratio Lower Upper
91 100
92 51.5 26.1 78.2
134 26.1 13.1 39.3

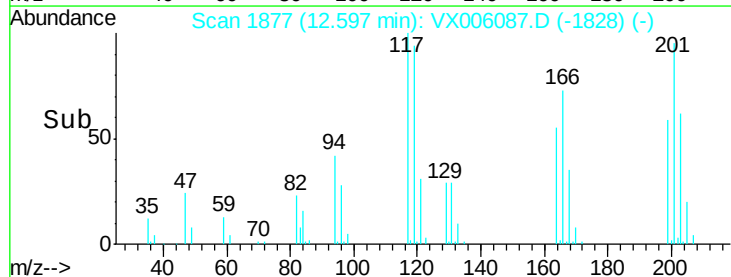
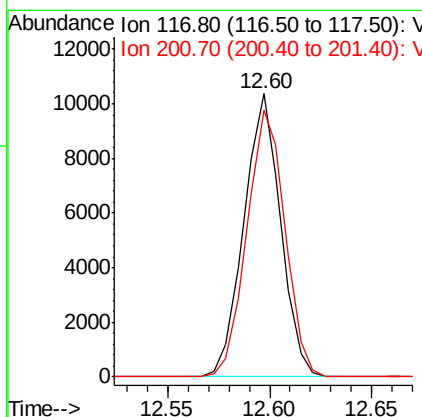
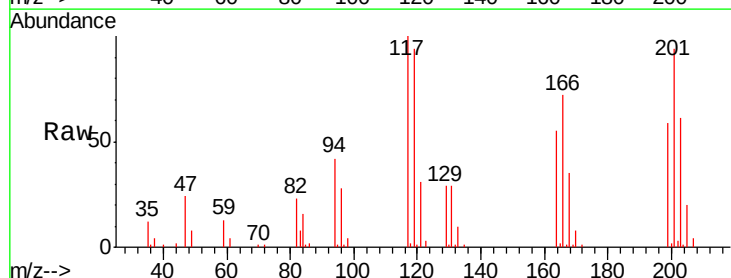
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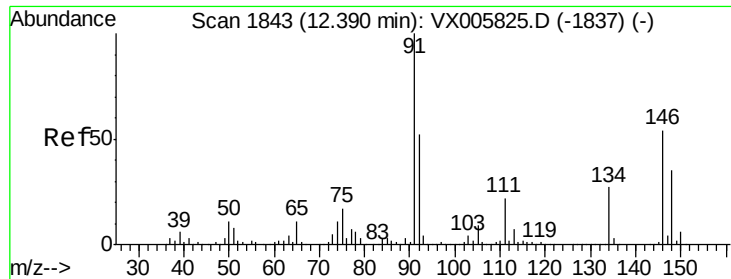
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#90
Hexachloroethane
Concen: 19.39 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006087.D
Acq: 19 Nov 2018 13:28

Tgt Ion: 117 Resp: 12913
Ion Ratio Lower Upper
117 100
201 98.1 47.9 143.6





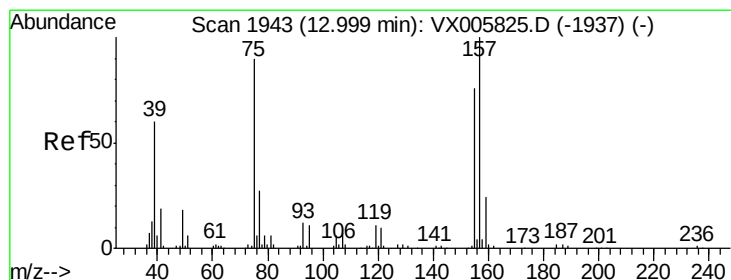
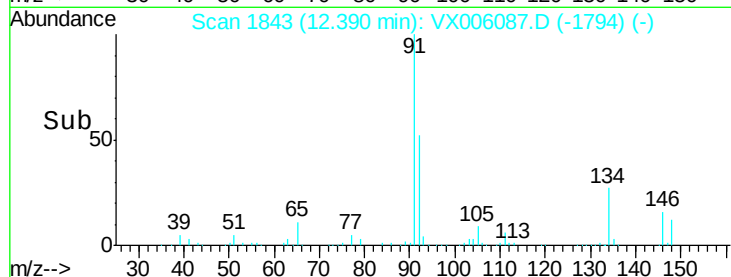
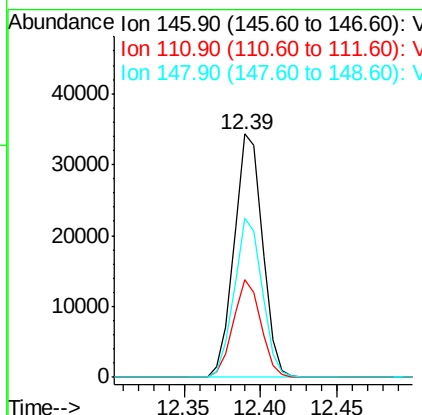
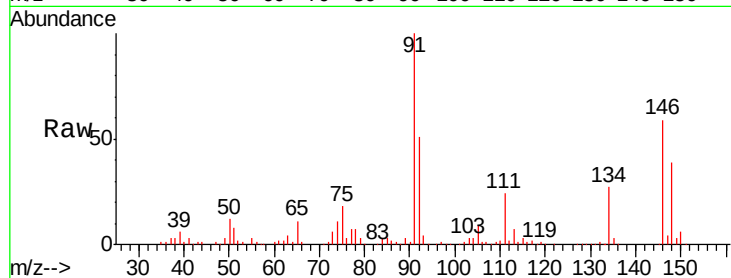
#91
 1,2-Dichlorobenzene
 Concen: 19.02 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	59.9
148	64.3	32.2	96.6

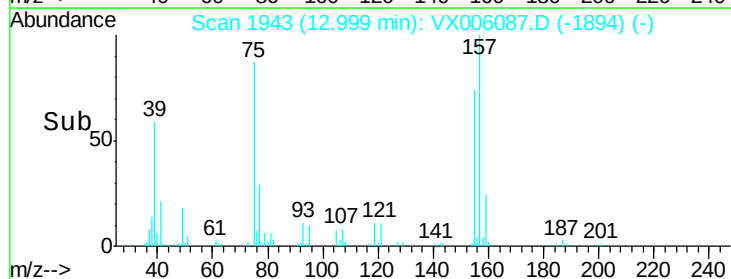
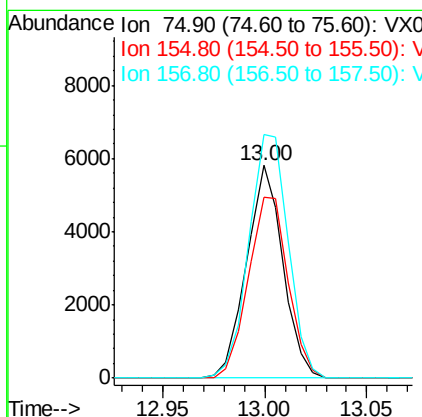
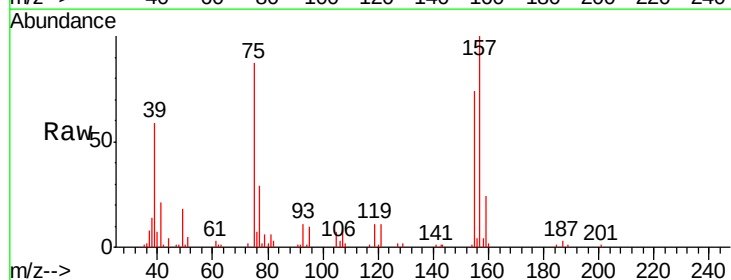
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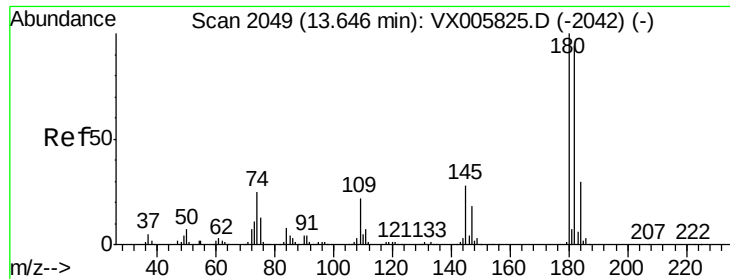
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.72 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	45.4	136.1
157	124.9	57.4	172.0





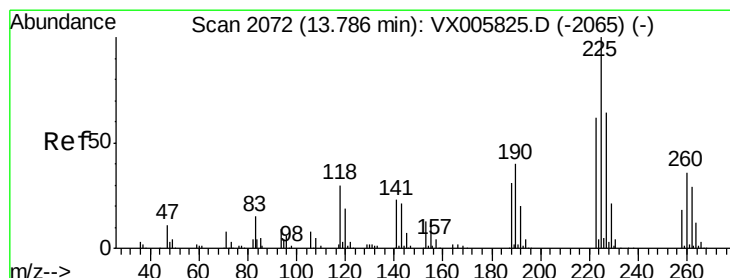
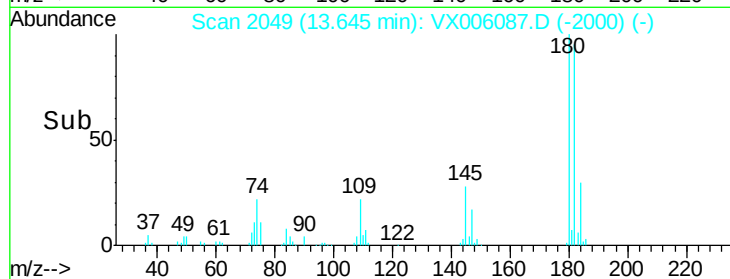
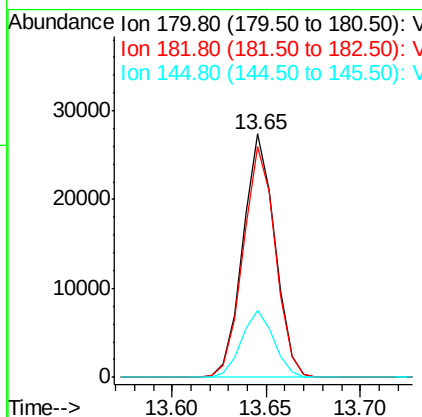
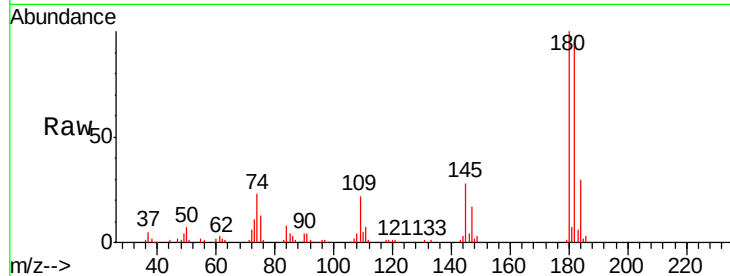
#93
 1,2,4-Trichlorobenzene
 Concen: 19.74 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	27.8	14.1	42.2

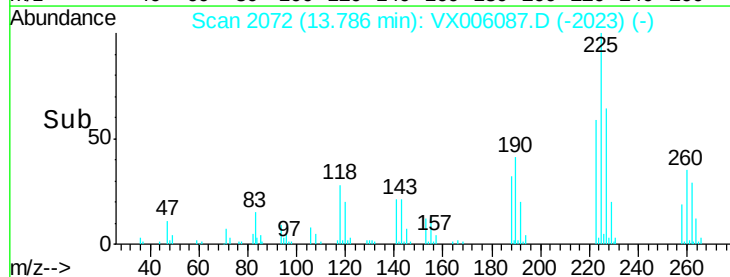
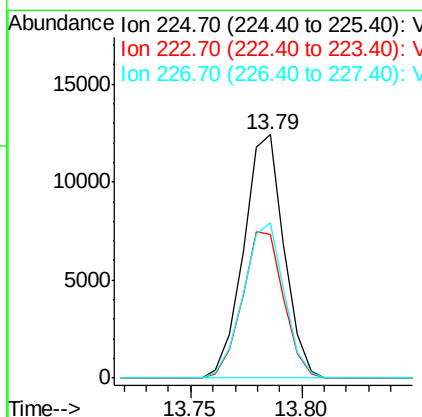
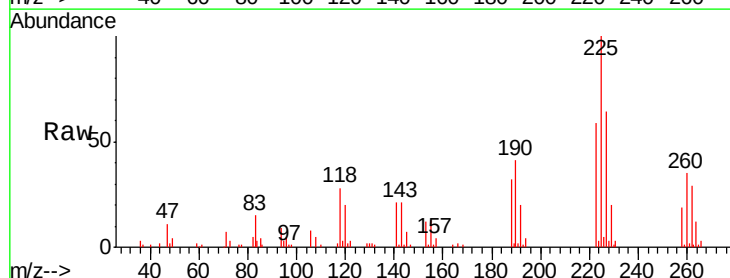
Manual Integrations
 APPROVED

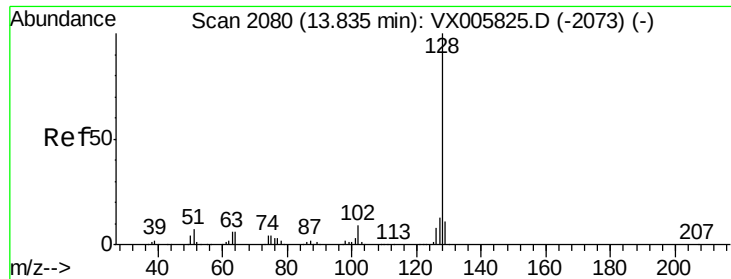
MMDadoda
 11/20/2018 9:59:38 AM



#94
 Hexachlorobutadiene
 Concen: 18.23 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006087.D
 Acq: 19 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.7	95.1
227	64.5	32.3	96.9





#95

Naphthalene

Concen: 18.99 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Instrument :

MSVOA_X

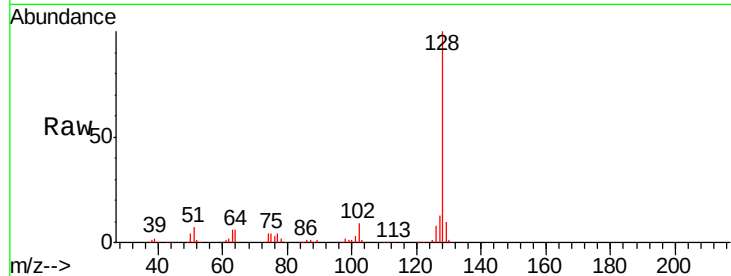
ClientSampleId :

VX1119MBS01

Tgt Ion:	128	Resp:	97236
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.6	8.7	13.1

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APPROVED

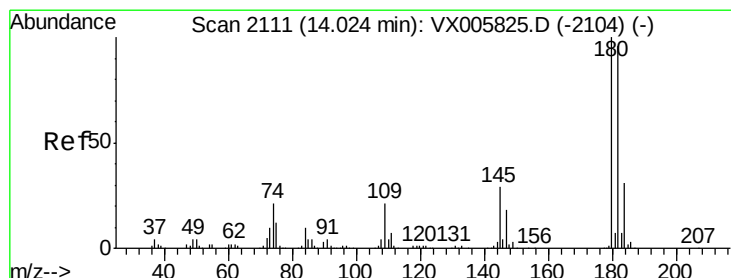
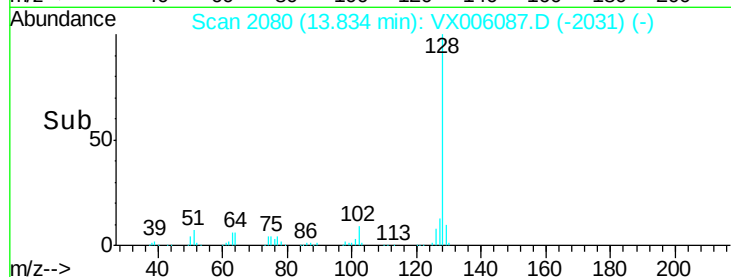
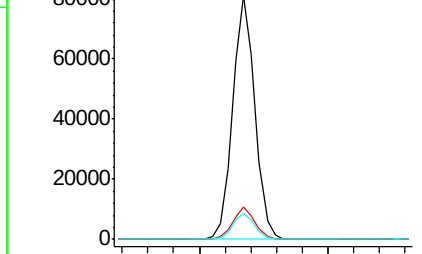
MMDadoda
11/20/2018 9:59:38 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.38 ug/l

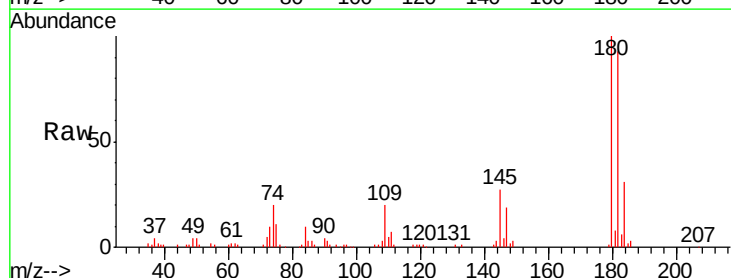
RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX006087.D

Acq: 19 Nov 2018 13:28

Tgt Ion:	180	Resp:	33940
Ion	Ratio	Lower	Upper
180	100		
182	92.9	48.0	144.2
145	28.6	15.1	45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

