

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101218\
 Data File : VX005287.D
 Acq On : 12 Oct 2018 11:27
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:04:44 AM

Quant Time: Oct 12 16:13:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	283304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	152448	48.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	5.50	113	121011	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
50) Toluene-d8	8.71	98	460706	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	173748	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116659	52.666	ug/l	97
3) Chloromethane	1.32	50	152040	47.370	ug/l	98
4) Vinyl Chloride	1.40	62	158091	48.623	ug/l	99
5) Bromomethane	1.64	94	98845	53.783	ug/l	98
6) Chloroethane	1.71	64	94868	49.336	ug/l	98
7) Trichlorofluoromethane	1.92	101	218777	50.422	ug/l	96
8) Diethyl Ether	2.19	74	89846	48.491	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129359	51.654	ug/l	97
10) Methyl Iodide	2.51	142	113601	41.800	ug/l	98
11) Tert butyl alcohol	3.09	59	222027	250.329	ug/l	99
12) 1,1-Dichloroethene	2.37	96	121349	48.906	ug/l	95
13) Acrolein	2.29	56	141420	249.868	ug/l	96
14) Allyl chloride	2.72	41	271254	49.793	ug/l	95
15) Acrylonitrile	3.15	53	481264	239.450	ug/l	96
16) Acetone	2.45	43	455635	250.630	ug/l	96
17) Carbon Disulfide	2.56	76	377188	50.181	ug/l	100
18) Methyl Acetate	2.78	43	245471	47.461	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	433367	49.591	ug/l	96
20) Methylene Chloride	2.85	84	138389	52.304	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	131249	47.731	ug/l	97
22) Diisopropyl ether	3.87	45	424084	46.348	ug/l	97
23) Vinyl Acetate	3.82	43	1910888	238.936	ug/l	96
24) 1,1-Dichloroethane	3.69	63	249550	47.587	ug/l	97
25) 2-Butanone	4.70	43	643439	241.904	ug/l	95
26) 2,2-Dichloropropane	4.58	77	191576	48.847	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	137413	45.982	ug/l	94
28) Bromochloromethane	5.01	49	108614	45.434	ug/l	93
29) Tetrahydrofuran	5.16	42	402322	237.124	ug/l	93
30) Chloroform	5.21	83	229666	47.184	ug/l	99
31) Cyclohexane	5.57	56	213425	49.379	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	200824	47.417	ug/l	99
36) 1,1-Dichloropropene	5.79	75	196452	51.563	ug/l	98
37) Ethyl Acetate	4.85	43	241852	49.361	ug/l	97
38) Carbon Tetrachloride	5.77	117	190696	49.814	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223798	54.275	ug/l	88
40) Benzene	6.14	78	555549	48.609	ug/l	99
41) Methacrylonitrile	5.06	41	123371	46.967	ug/l	97
42) 1,2-Dichloroethane	6.20	62	188789	46.781	ug/l	97
43) Isopropyl Acetate	6.46	43	345337	52.911	ug/l	96
44) Trichloroethene	7.21	130	144784	49.609	ug/l	94
45) 1,2-Dichloropropane	7.52	63	138747	49.490	ug/l	99
46) Dibromomethane	7.66	93	90690	49.012	ug/l	99
47) Bromodichloromethane	7.90	83	172045	50.267	ug/l	99
48) Methyl methacrylate	7.77	41	178931	52.858	ug/l	95
49) 1,4-Dioxane	7.76	88	83213	1065.775	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1187813	262.834	ug/l	96
52) Toluene	8.79	92	331570	53.028	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	202525	54.678	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	216990	54.067	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	134825	50.909	ug/l	97
56) Ethyl methacrylate	9.18	69	213850	55.390	ug/l	95
57) 1,3-Dichloropropane	9.37	76	224791	50.854	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	585923	270.608	ug/l	95
59) 2-Hexanone	9.50	43	961587	264.513	ug/l	94
60) Dibromochloromethane	9.59	129	143463	52.406	ug/l	99
61) 1,2-Dibromoethane	9.67	107	140338	50.492	ug/l	100
64) Tetrachloroethene	9.34	164	141711	48.118	ug/l	98
65) Chlorobenzene	10.14	112	376855	48.430	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	135362	48.814	ug/l	99
67) Ethyl Benzene	10.25	91	647014	51.147	ug/l	96
68) m/p-Xylenes	10.36	106	504078	102.665	ug/l	95
69) o-Xylene	10.70	106	238608	50.389	ug/l	95
70) Styrene	10.71	104	404945	51.992	ug/l	97
71) Bromoform	10.86	173	122452	49.415	ug/l	99
73) Isopropylbenzene	11.02	105	656638	52.558	ug/l	100
74) N-amyl acetate	10.90	43	317170	52.635	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	224055	47.540	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	201568m	49.446	ug/l	
77) Bromobenzene	11.26	156	176916	49.525	ug/l	99
78) n-propylbenzene	11.36	91	766284	53.300	ug/l	100
79) 2-Chlorotoluene	11.42	91	449333	51.032	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	568597	53.146	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	69121	51.520	ug/l	96
82) 4-Chlorotoluene	11.51	91	537477	51.495	ug/l	100
83) tert-Butylbenzene	11.77	119	566895	52.325	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	584770	53.112	ug/l	98
85) sec-Butylbenzene	11.95	105	681357	53.142	ug/l	99
86) p-Isopropyltoluene	12.07	119	628737	54.255	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	335128	50.205	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	340361	49.842	ug/l	100
89) n-Butylbenzene	12.39	91	571190	54.286	ug/l	97
90) Hexachloroethane	12.60	117	98513	49.326	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	334374	49.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55084	47.915	ug/l	98

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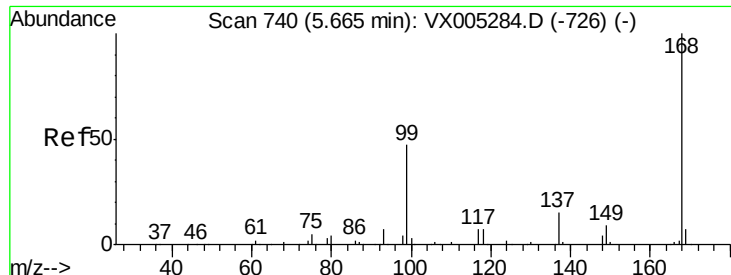
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	265094	53.044	ug/l	99
94) Hexachlorobutadiene	13.79	225	136238	51.615	ug/l	97
95) Naphthalene	13.83	128	791154	54.586	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	265957	52.010	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion:168 Resp: 283304

Ion Ratio Lower Upper

168 100

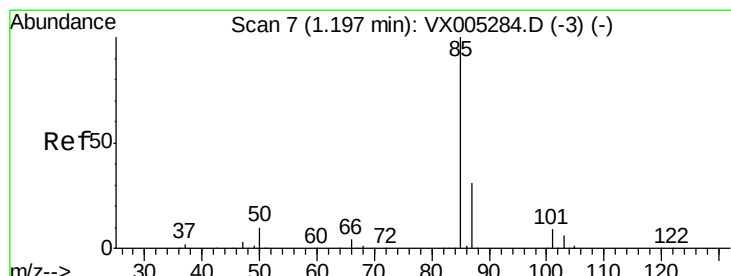
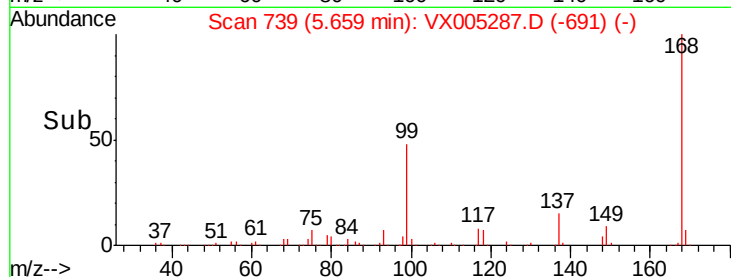
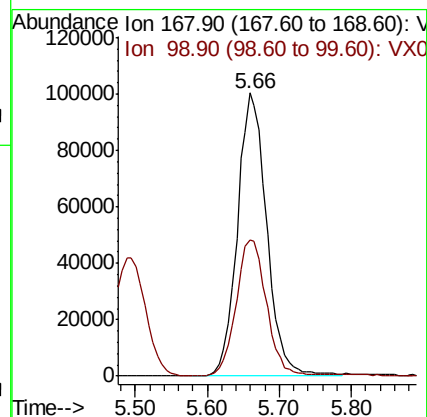
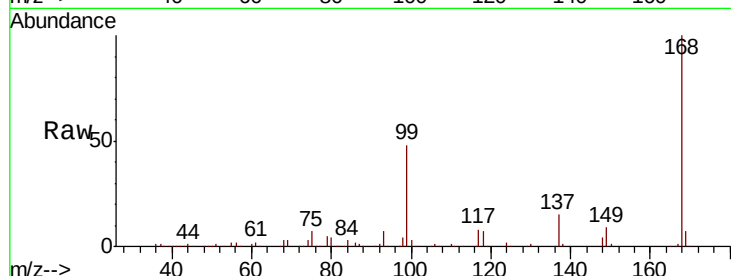
99 48.0 39.9 59.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 52.666 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005287.D

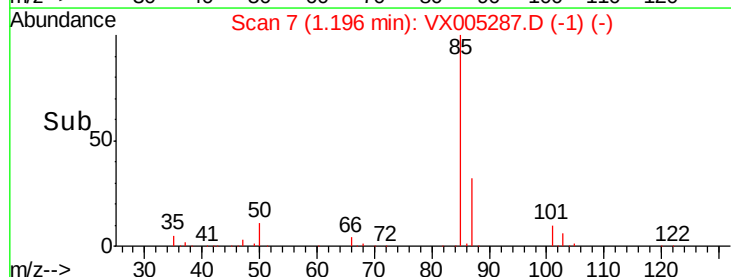
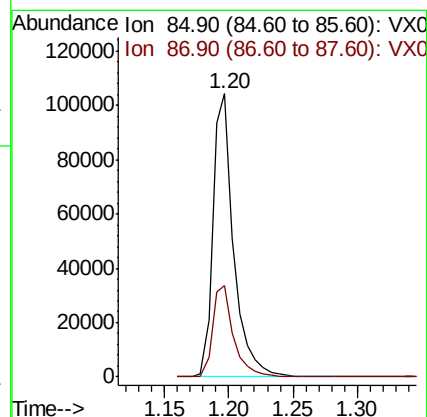
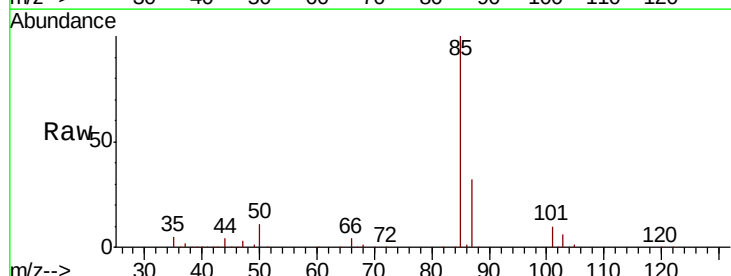
Acq: 12 Oct 2018 11:27

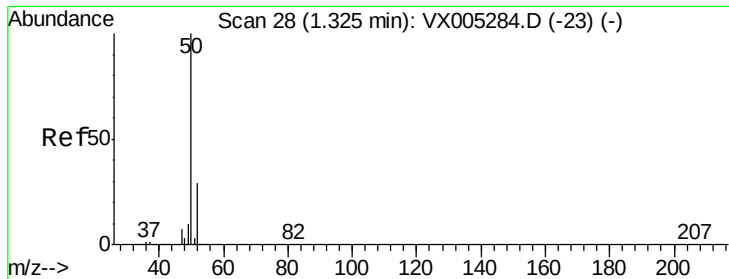
Tgt Ion: 85 Resp: 116659

Ion Ratio Lower Upper

85 100

87 32.3 17.0 50.9





#3

Chloromethane

Concen: 47.370 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion: 50 Resp: 152040

Ion Ratio Lower Upper

50 100

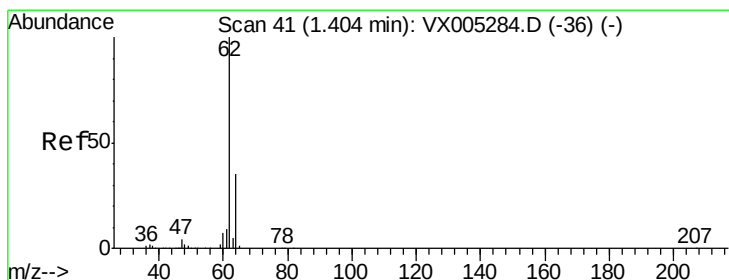
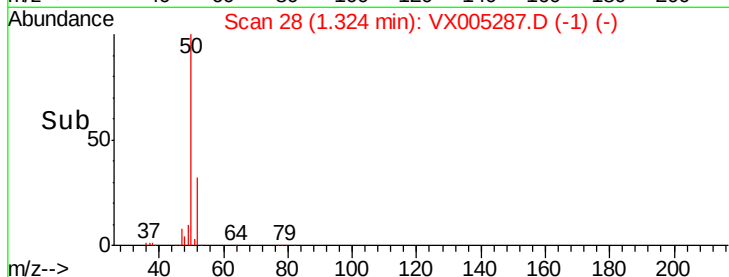
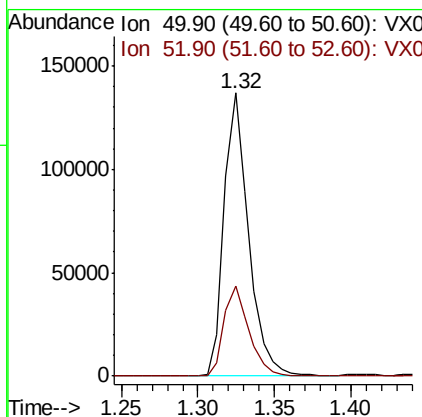
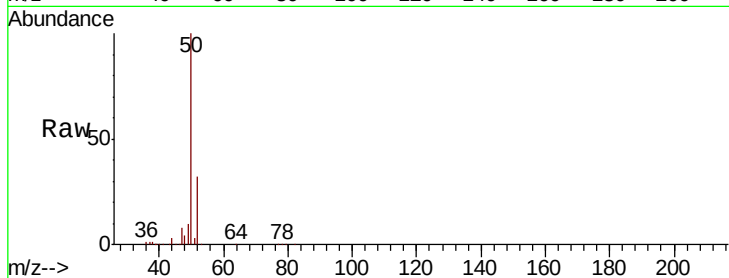
52 31.8 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.623 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005287.D

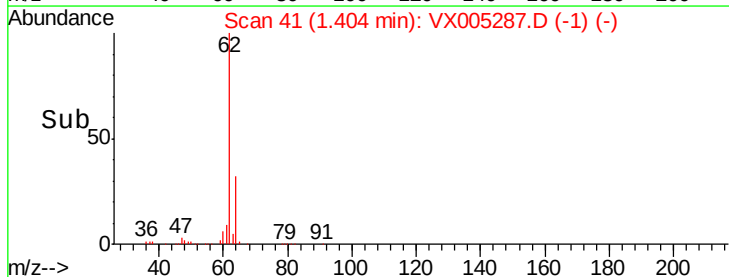
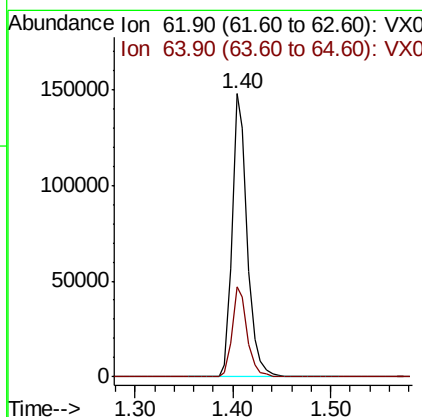
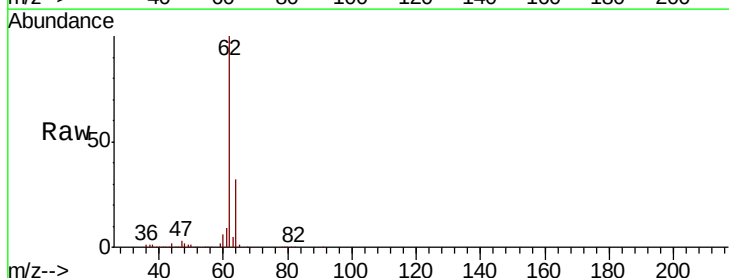
Acq: 12 Oct 2018 11:27

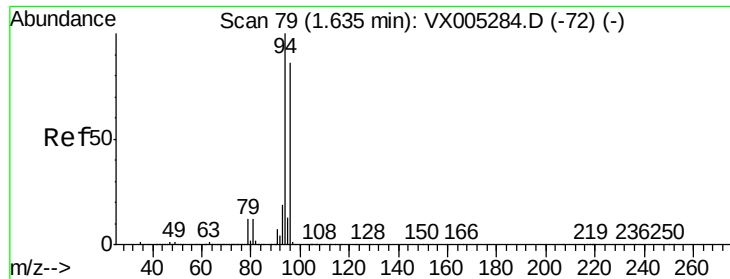
Tgt Ion: 62 Resp: 158091

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 53.783 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion: 94 Resp: 98845

Ion Ratio Lower Upper

94 100

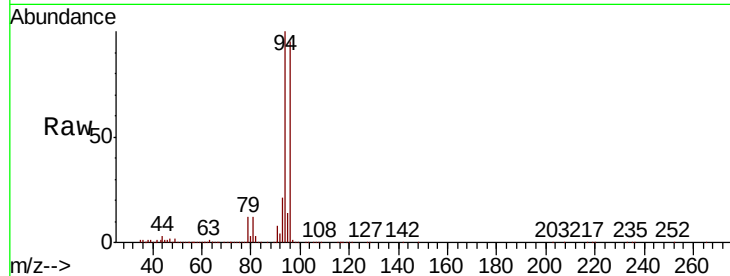
96 94.9 74.5 111.7

Manual Integrations

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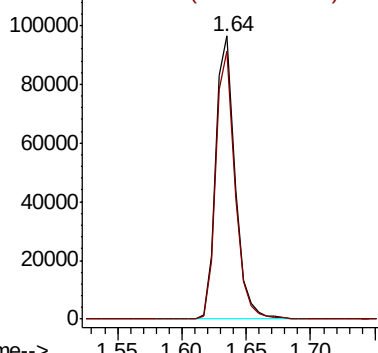
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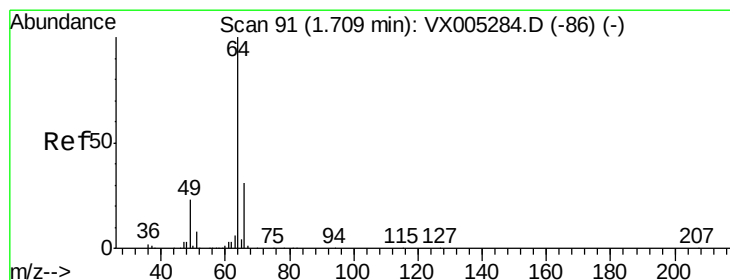
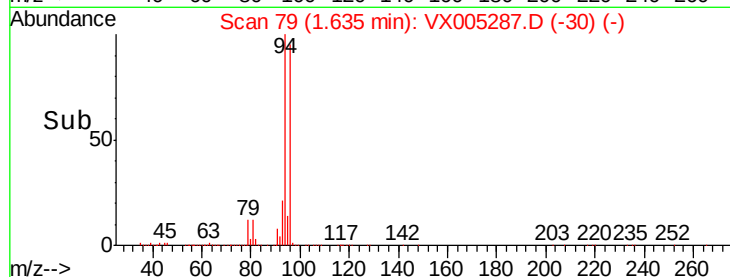


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 49.336 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005287.D

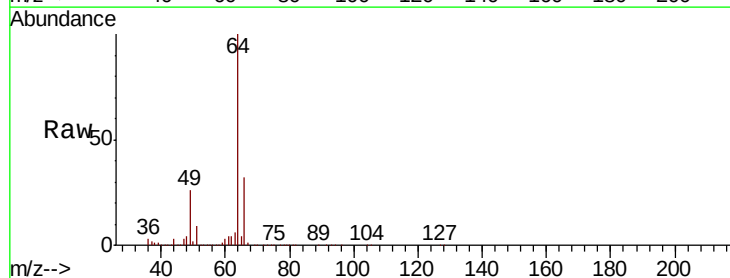
Acq: 12 Oct 2018 11:27

Tgt Ion: 64 Resp: 94868

Ion Ratio Lower Upper

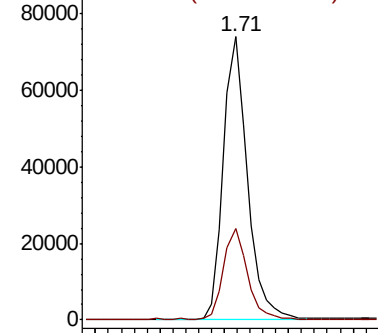
64 100

66 32.0 24.6 36.8

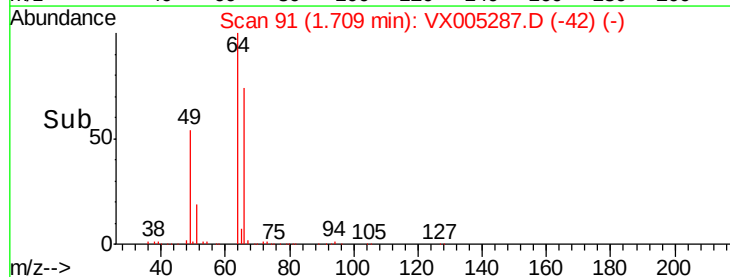


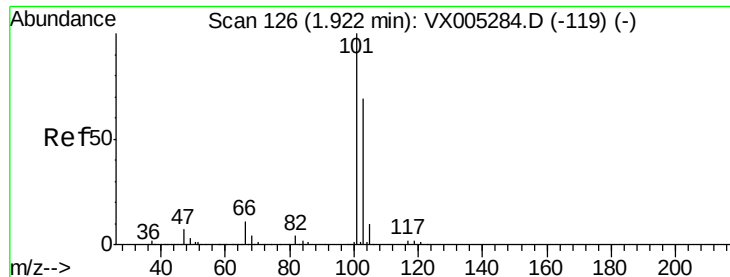
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

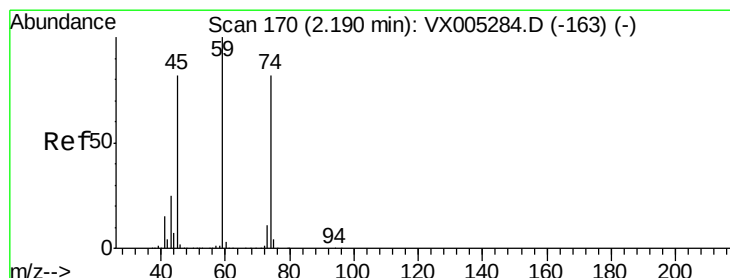
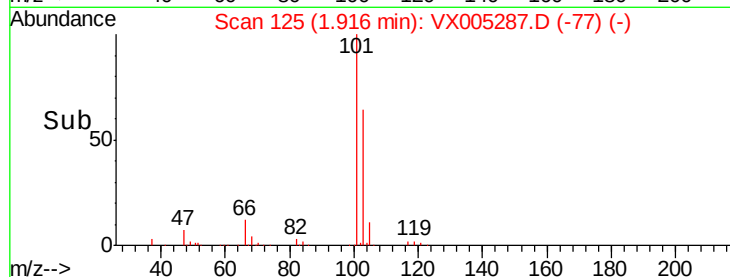
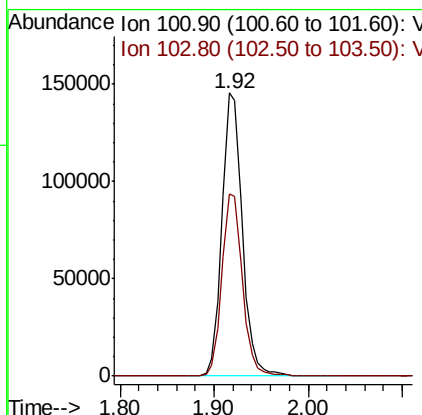
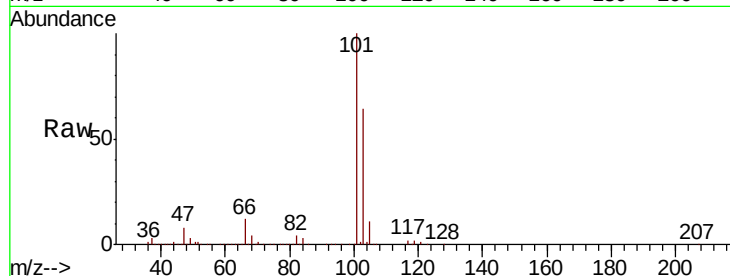
Trichlorofluoromethane
 Concen: 50.422 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005287.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	218777		
103	64.3	48.9	73.3	

Manual Integrations
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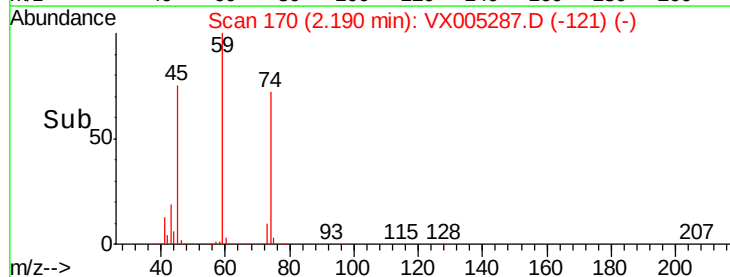
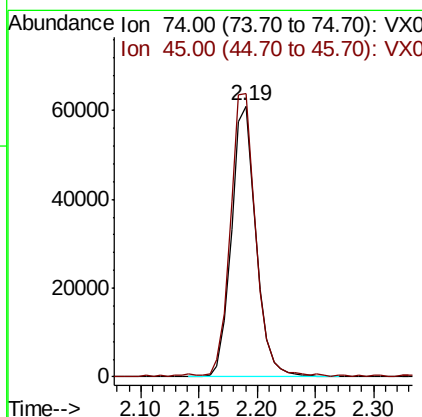
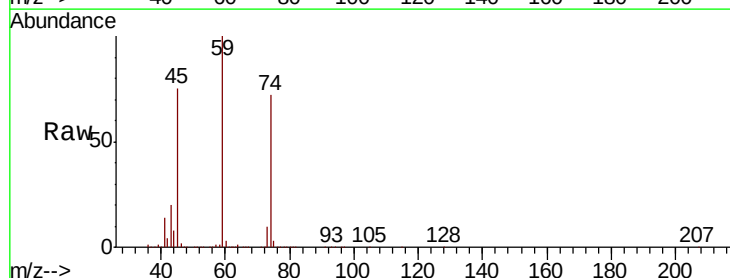
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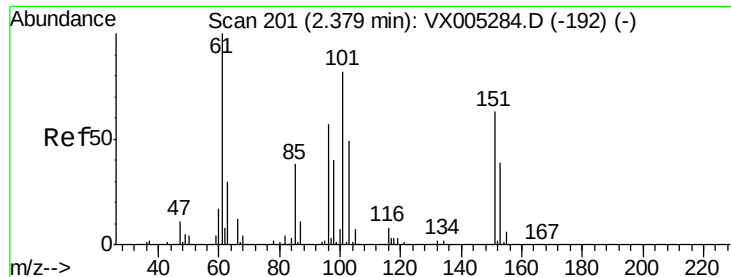


#8

Diethyl Ether
 Concen: 48.491 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	89846		
45	106.2	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.654 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

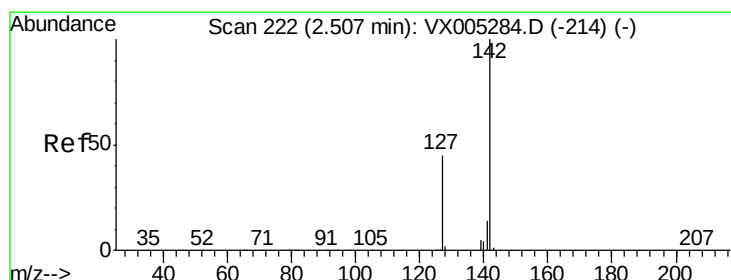
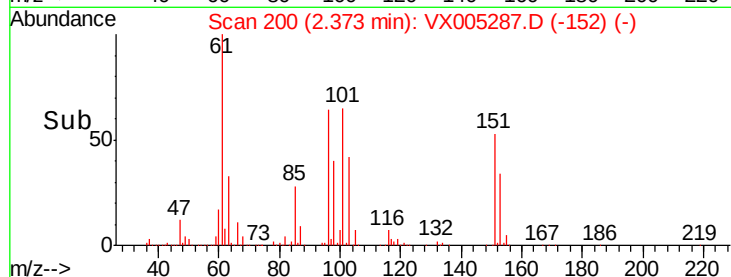
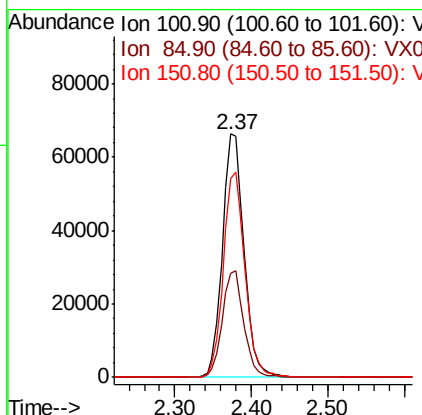
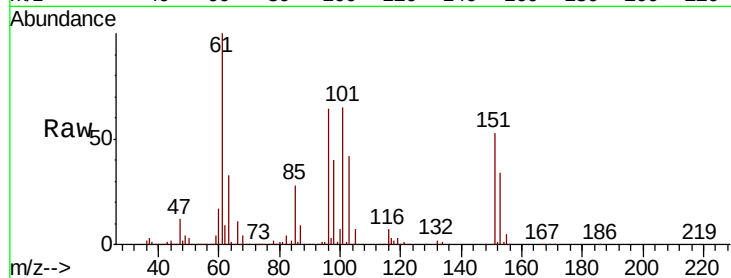
ClientSampleId :

ICVVX101218

Tgt Ion:	101	Resp:	129359
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.2	51.4
151	84.2	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 41.800 ug/l

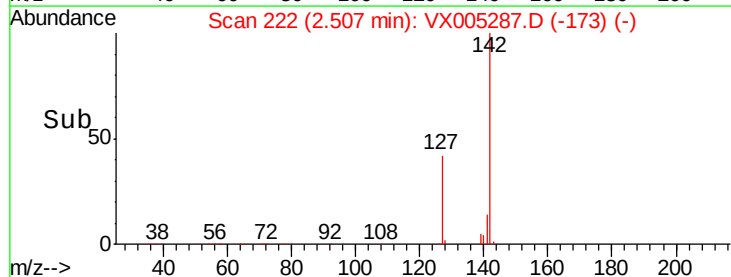
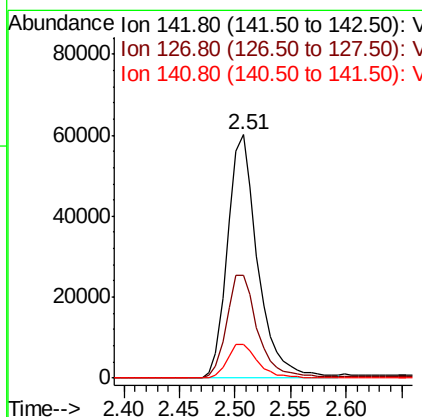
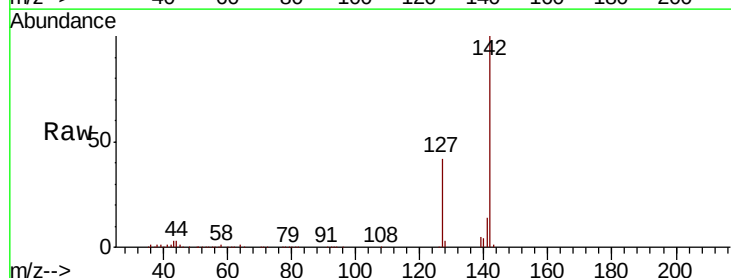
RT: 2.51 min Scan# 222

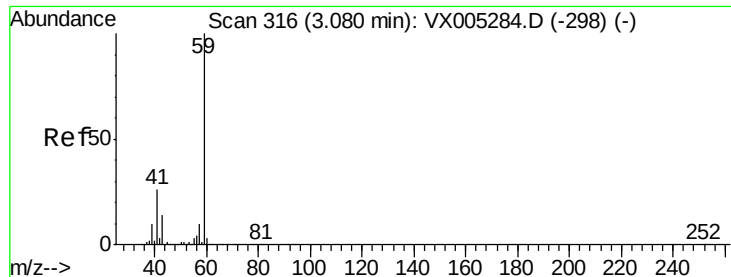
Delta R.T. 0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion:	142	Resp:	113601
Ion Ratio	Lower	Upper	
142	100		
127	44.1	33.8	50.6
141	14.3	11.4	17.0





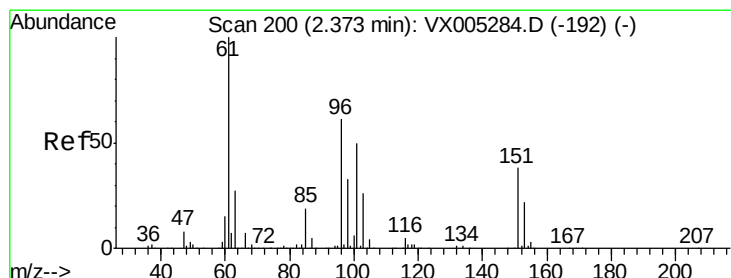
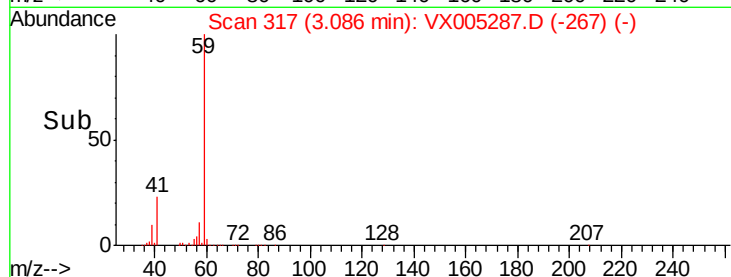
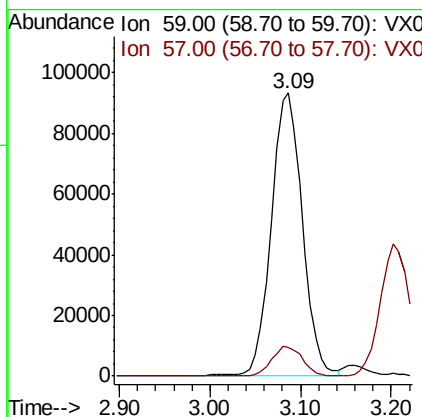
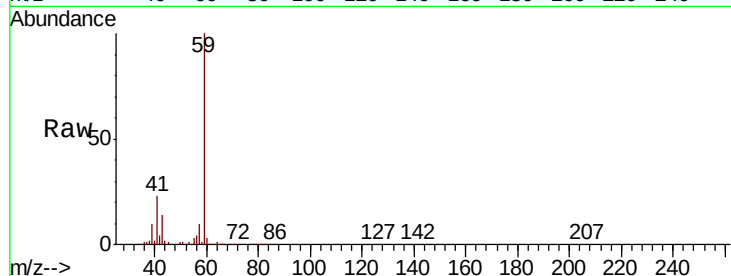
#11
Tert butyl alcohol
Concen: 250.329 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion: 59 Resp: 222027
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

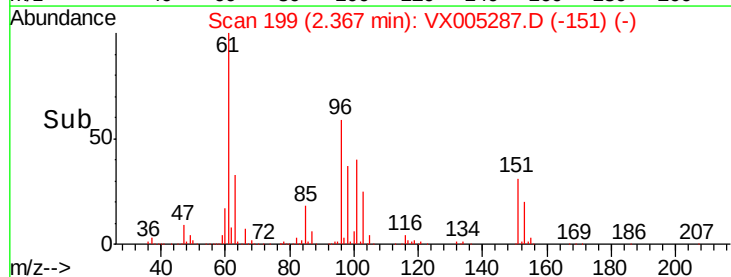
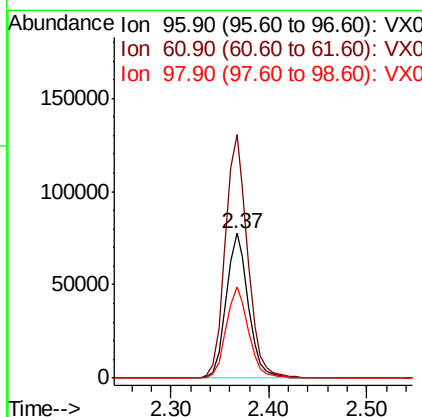
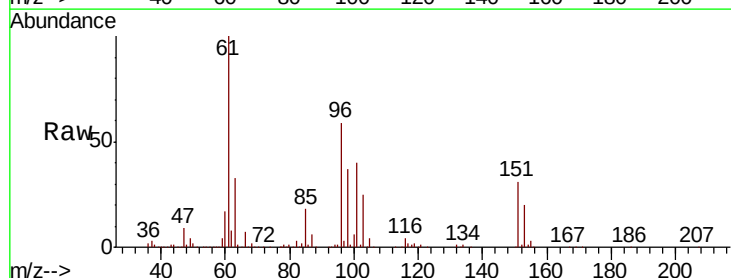
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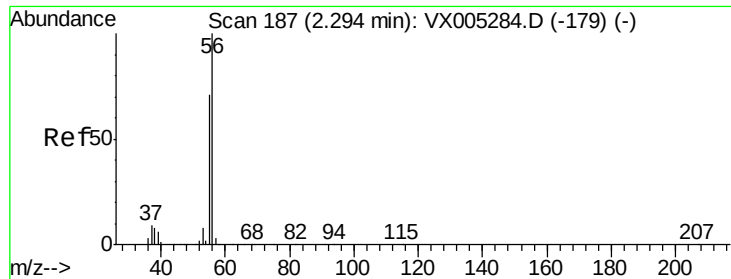
MMDadoda
10/17/2018 9:04:44 AM



#12
1,1-Dichloroethene
Concen: 48.906 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion: 96 Resp: 121349
Ion Ratio Lower Upper
96 100
61 168.4 128.8 193.2
98 62.8 52.2 78.2





#13

Acrolein

Concen: 249.868 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion: 56 Resp: 141420

Ion Ratio Lower Upper

56 100

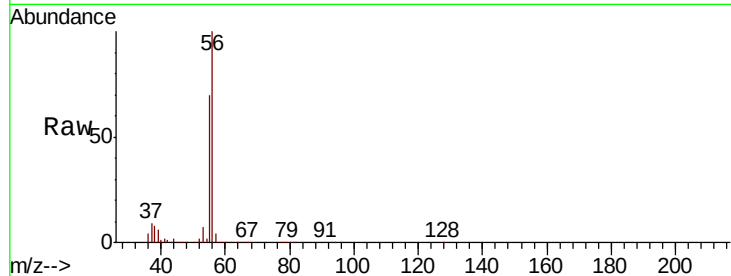
55 71.4 54.7 82.1

Manual Integrations

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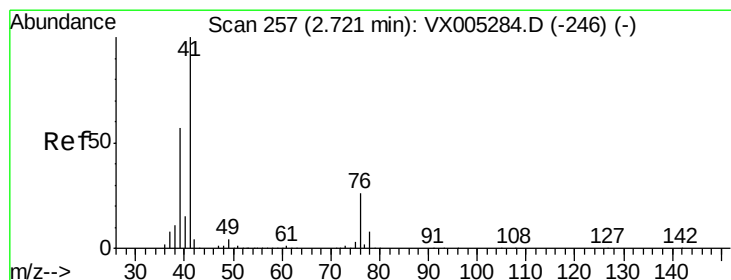
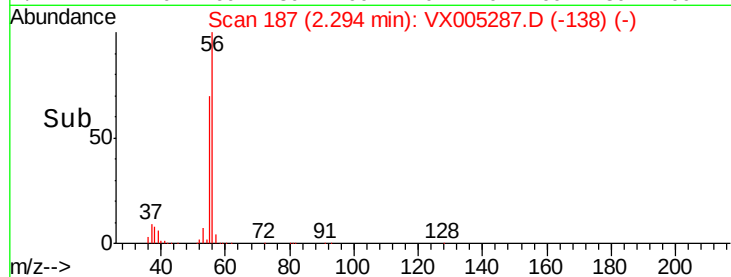
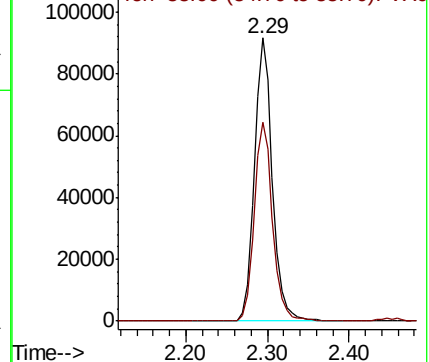
MMDadoda

10/17/2018 9:04:44 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.793 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

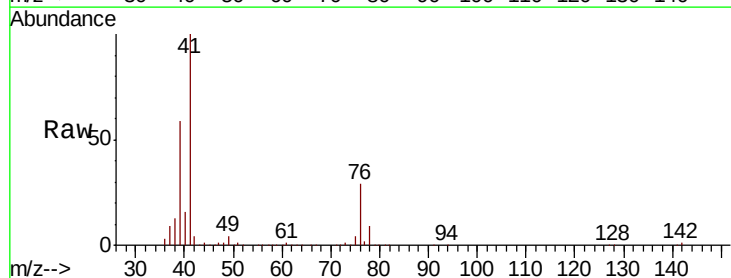
Tgt Ion: 41 Resp: 271254

Ion Ratio Lower Upper

41 100

39 59.1 48.9 73.3

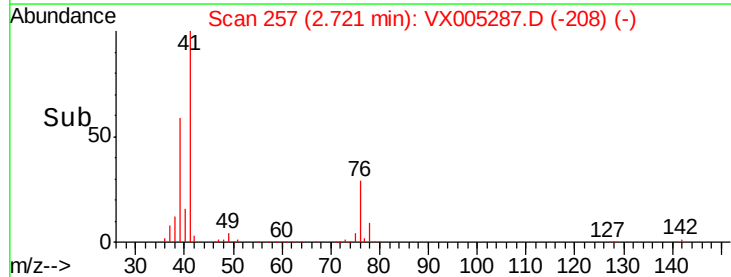
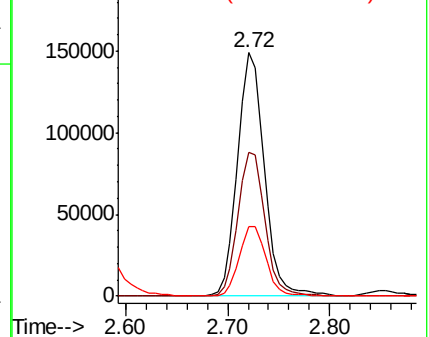
76 28.6 26.7 40.1

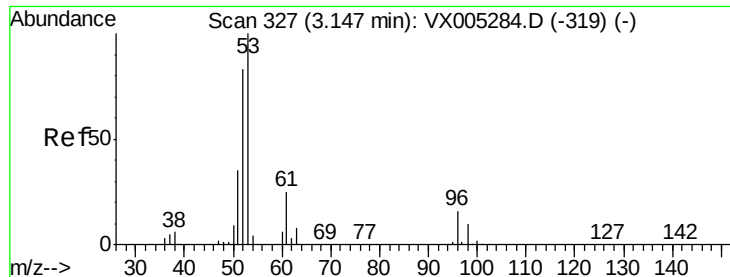


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 239.450 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

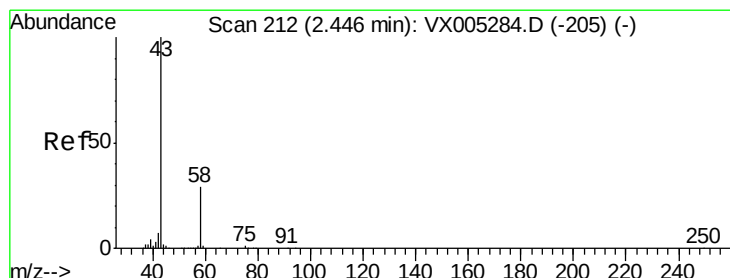
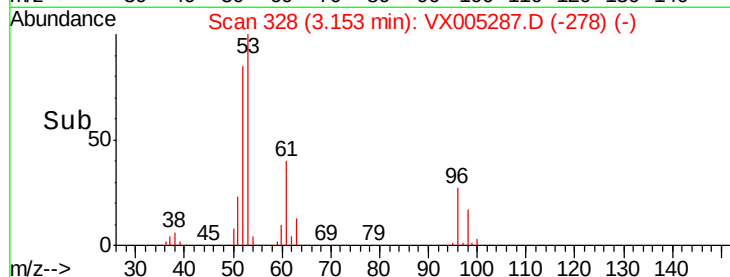
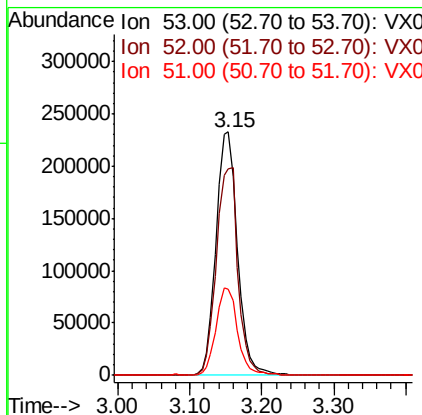
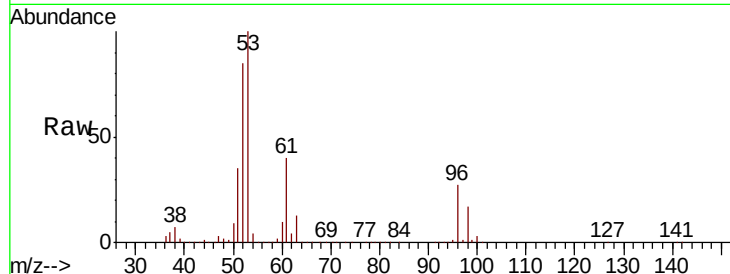
ClientSampleId :

ICVVX101218

Tgt Ion:	53	Resp:	481264
Ion	Ratio	Lower	Upper
53	100		
52	86.2	65.2	97.8
51	36.2	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 250.630 ug/l

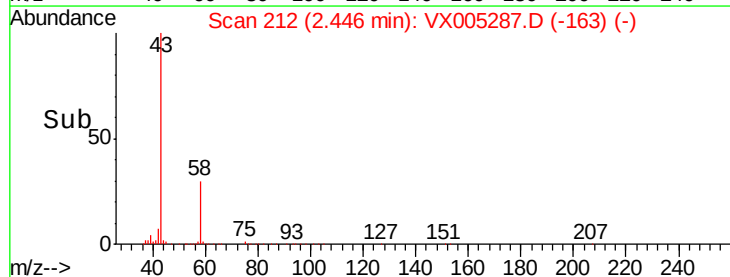
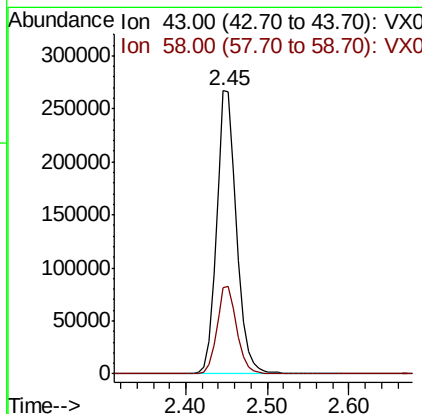
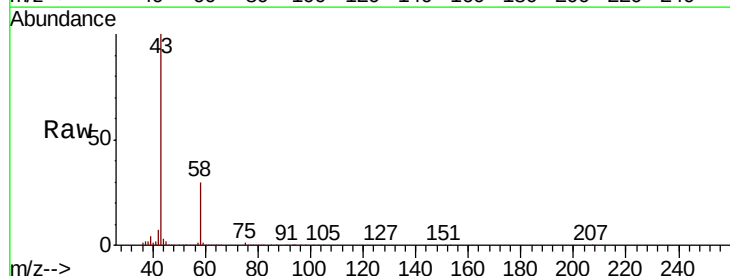
RT: 2.45 min Scan# 212

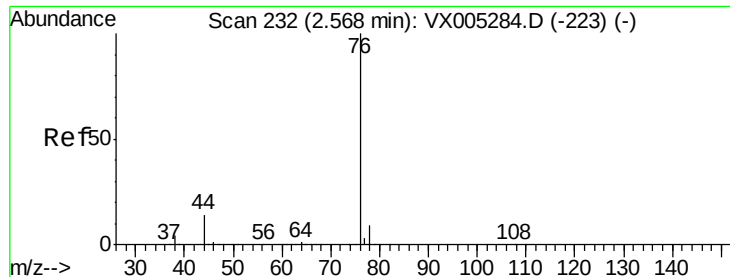
Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion:	43	Resp:	455635
Ion	Ratio	Lower	Upper
43	100		
58	30.4	26.2	39.4





#17

Carbon Disulfide

Concen: 50.181 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion: 76 Resp: 377188

Ion Ratio Lower Upper

76 100

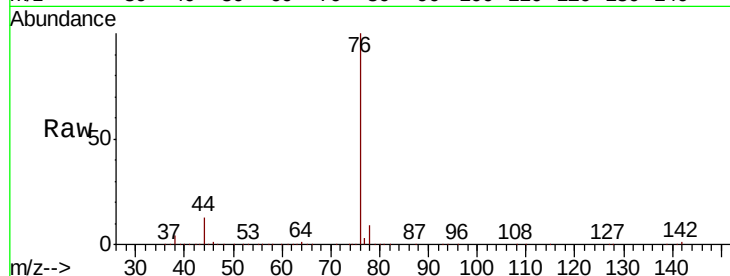
78 8.9 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

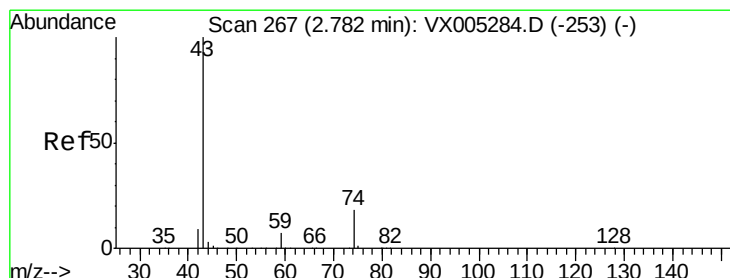
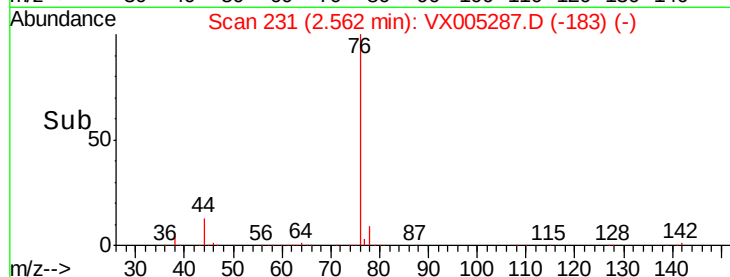
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 47.461 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005287.D

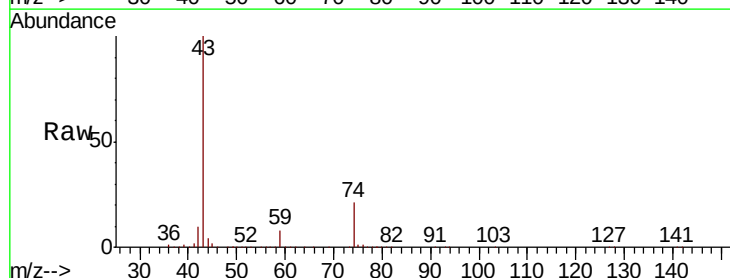
Acq: 12 Oct 2018 11:27

Tgt Ion: 43 Resp: 245471

Ion Ratio Lower Upper

43 100

74 21.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

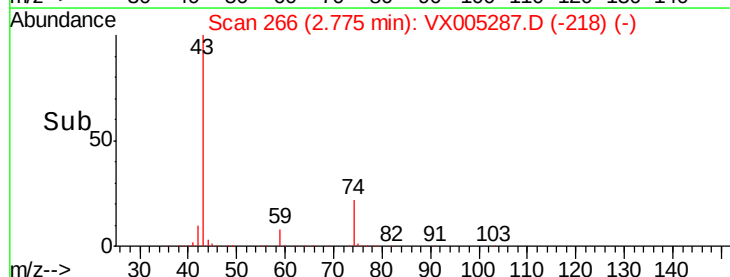
100000

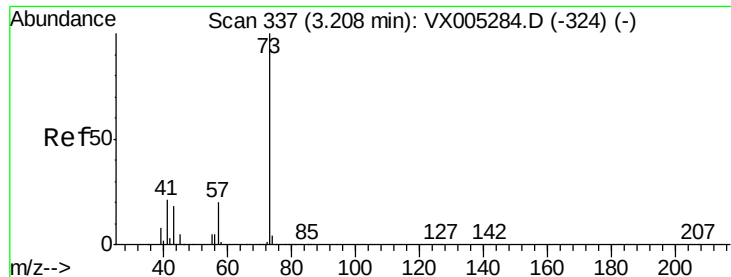
50000

0

2.70 2.80 2.90

Time-->





#19

Methyl tert-butyl Ether

Concen: 49.591 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion: 73 Resp: 433367

Ion Ratio Lower Upper

73 100

57 23.4 17.1 25.7

Instrument :

MSVOA_X

ClientSampleId :

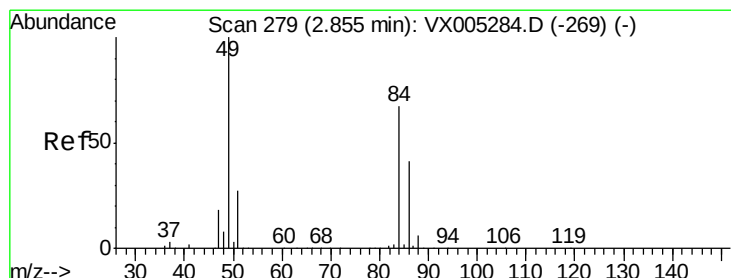
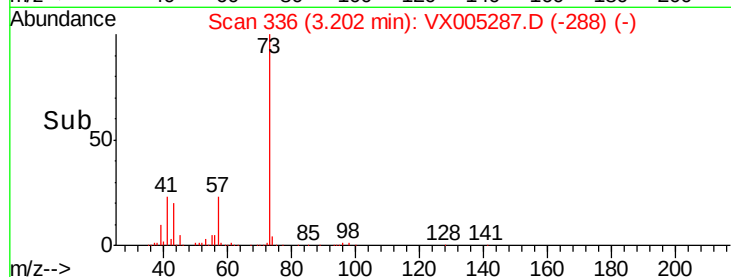
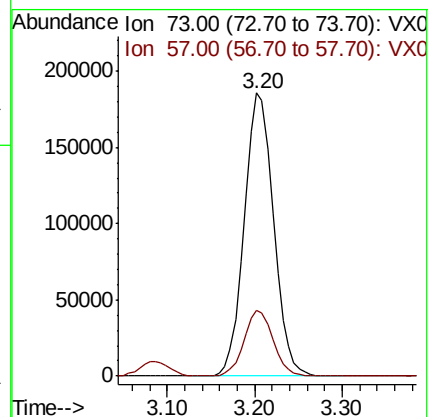
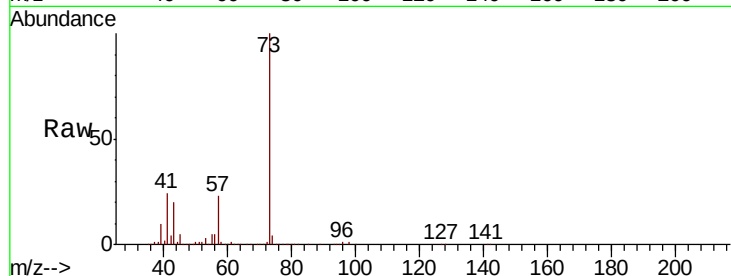
ICVVX101218

Manual Integrations

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#20

Methylene Chloride

Concen: 52.304 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion: 84 Resp: 138389

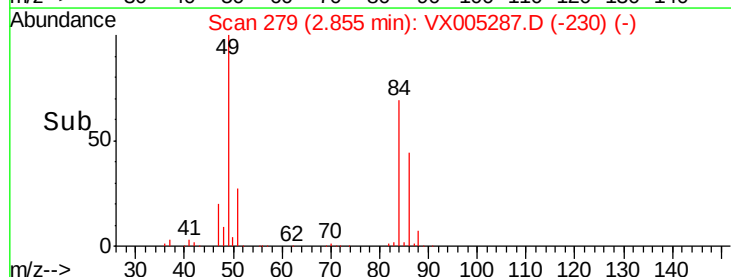
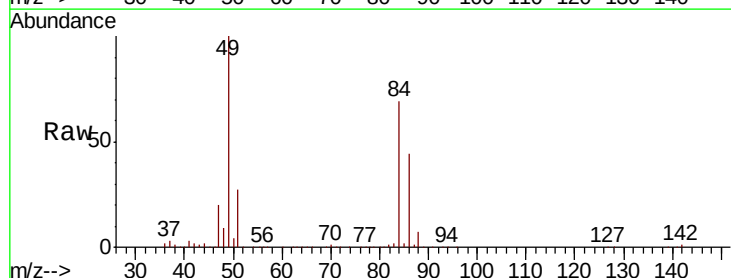
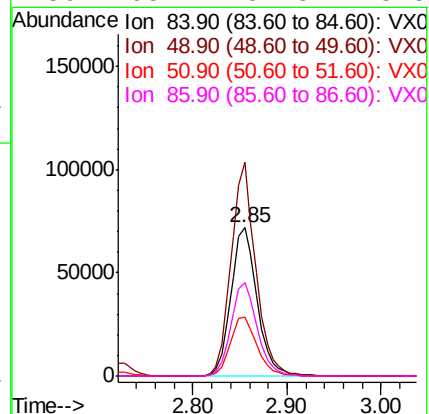
Ion Ratio Lower Upper

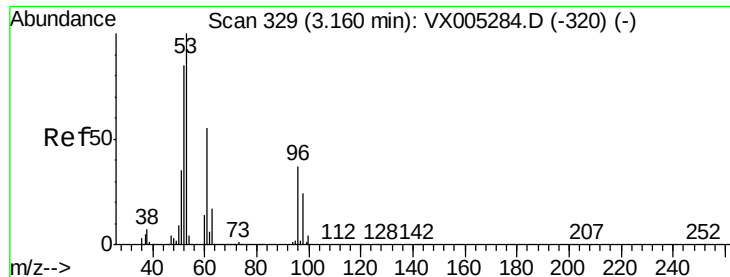
84 100

49 144.3 101.2 151.8

51 39.3 29.5 44.3

86 63.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.731 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

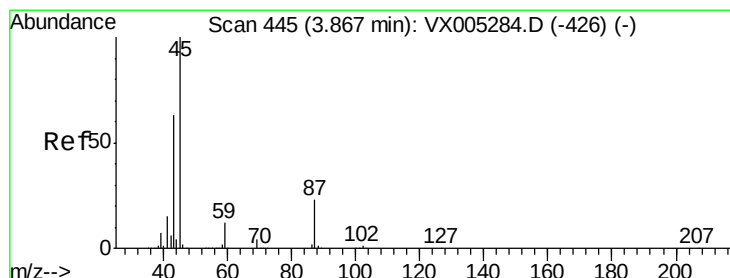
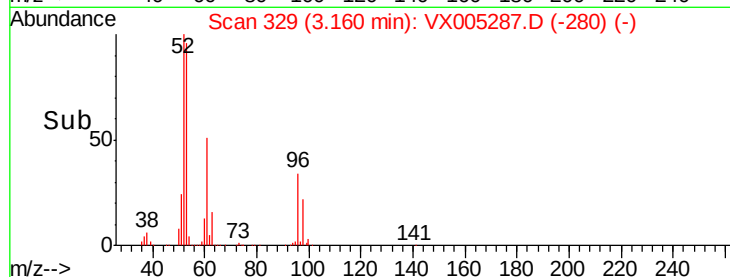
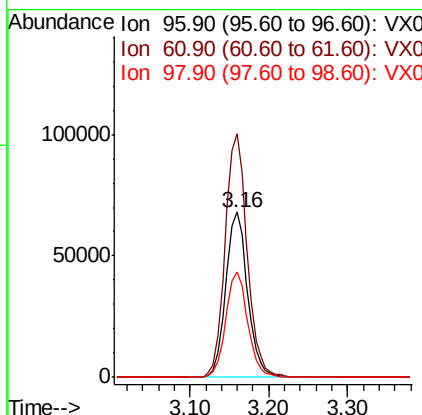
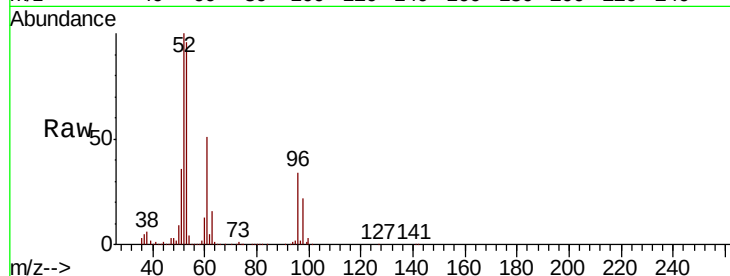
ClientSampleId :

ICVVX101218

Tgt Ion:	96	Resp:	131249
Ion	Ratio	Lower	Upper
96	100		
61	147.4	113.8	170.6
98	63.9	51.8	77.8

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#22

Diisopropyl ether

Concen: 46.348 ug/l

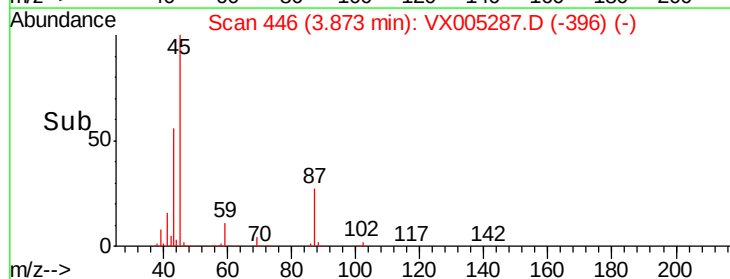
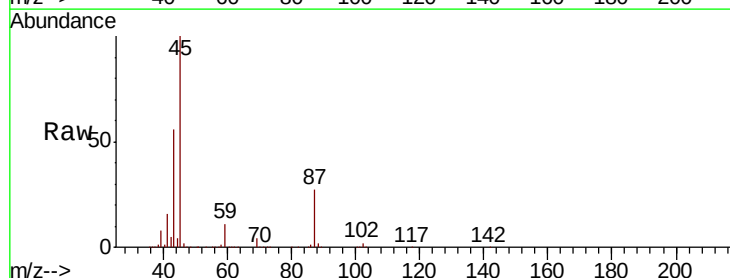
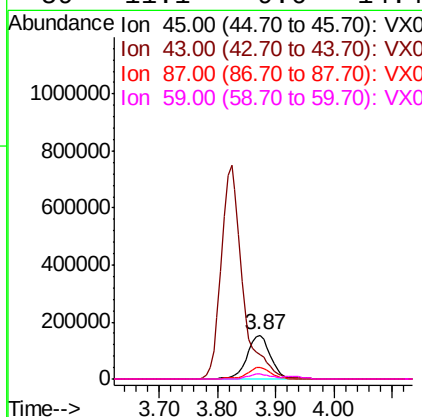
RT: 3.87 min Scan# 446

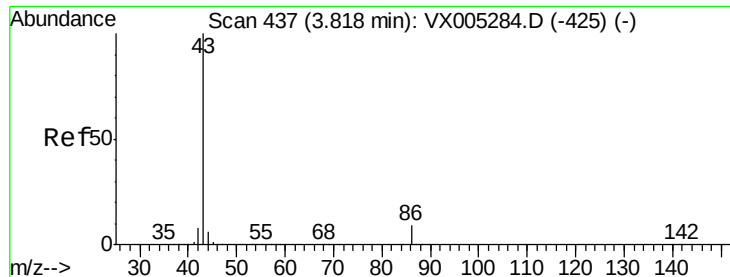
Delta R.T. 0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion:	45	Resp:	424084
Ion	Ratio	Lower	Upper
45	100		
43	56.0	42.8	64.2
87	26.6	22.6	34.0
59	11.1	9.6	14.4





#23

Vinyl Acetate

Concen: 238.936 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion: 43 Resp: 1910888

Ion Ratio Lower Upper

43 100

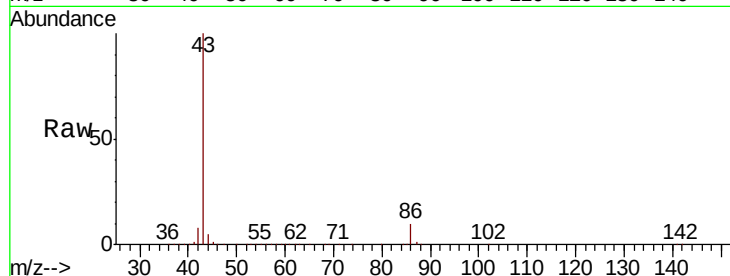
86 9.7 8.9 13.3

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

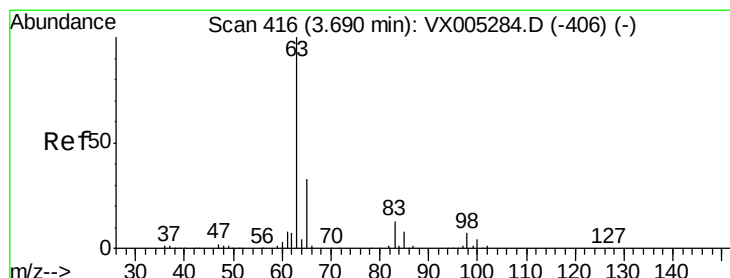
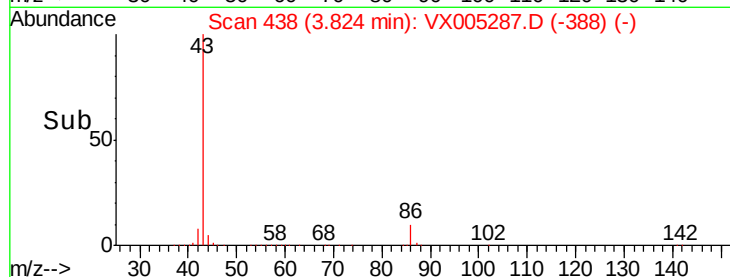
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.587 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

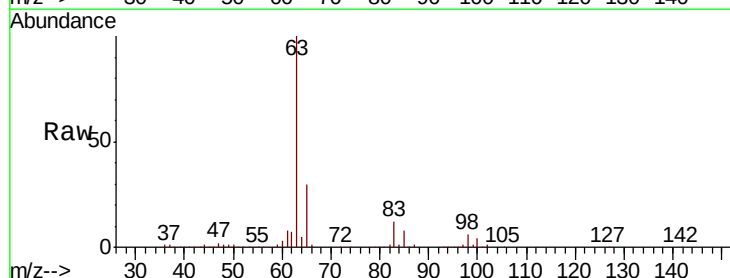
Tgt Ion: 63 Resp: 249550

Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.4

100 3.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

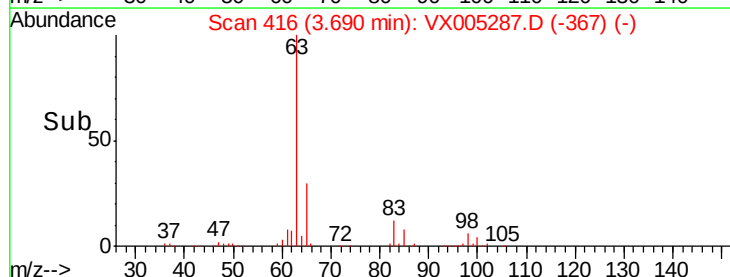
100000

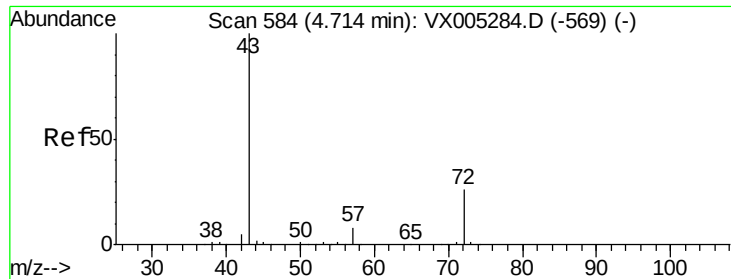
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 241.904 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion: 43 Resp: 643439

Ion Ratio Lower Upper

43 100

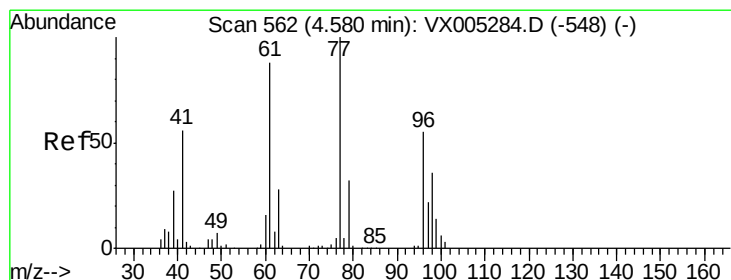
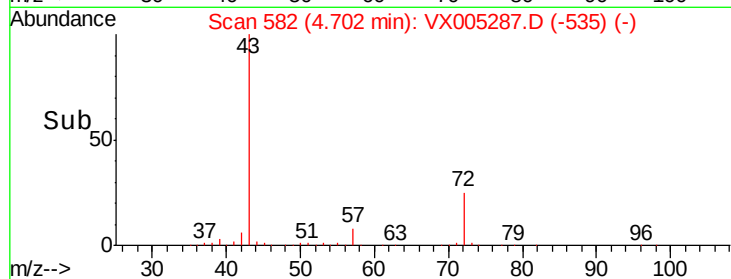
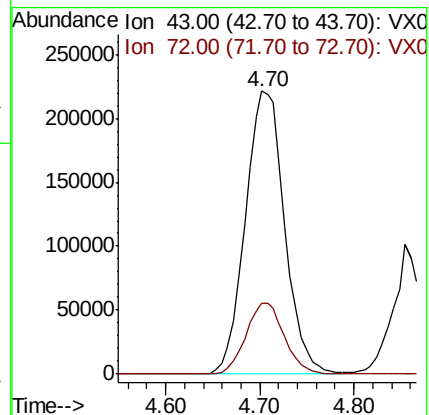
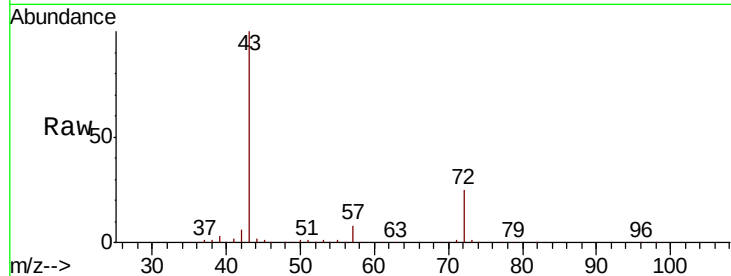
72 25.0 22.0 33.0

Manual Integrations

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MMDadoda

10/17/2018 9:04:44 AM



#26

2,2-Dichloropropane

Concen: 48.847 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005287.D

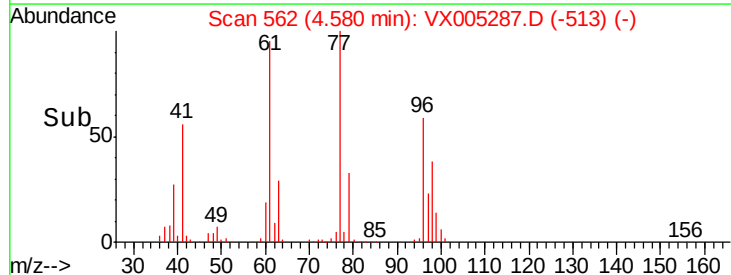
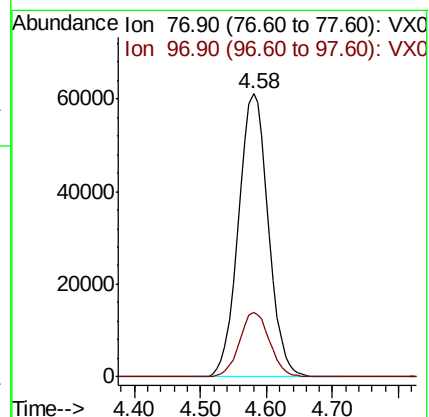
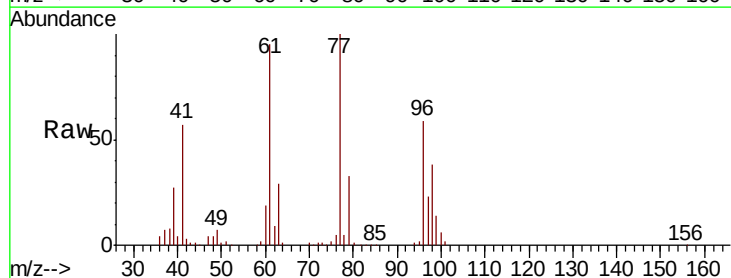
Acq: 12 Oct 2018 11:27

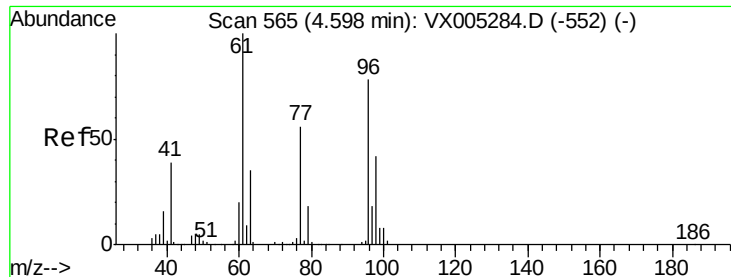
Tgt Ion: 77 Resp: 191576

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

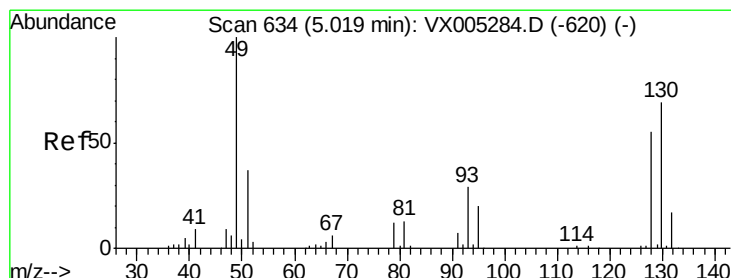
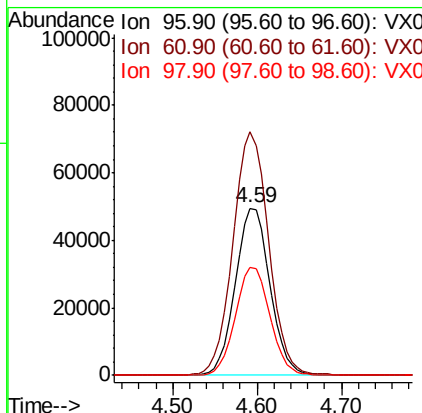
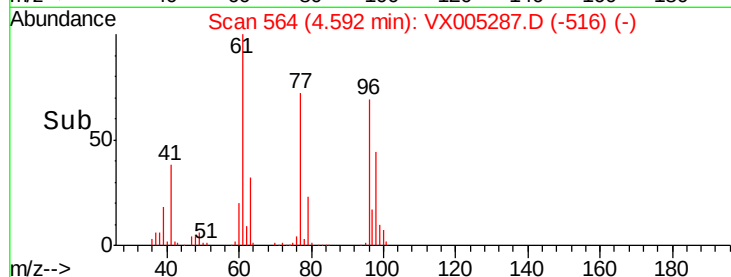
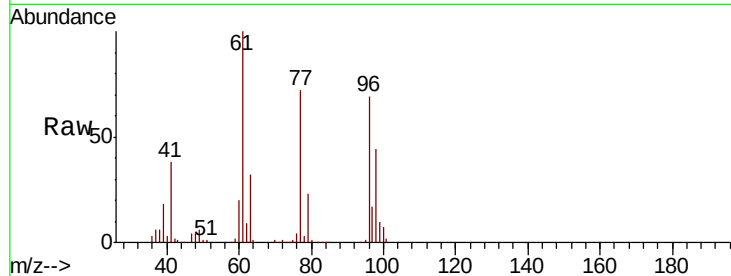
cis-1,2-Dichloroethene
Concen: 45.982 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	137413		
61	151.2	0.0	282.6	
98	64.8	0.0	130.2	

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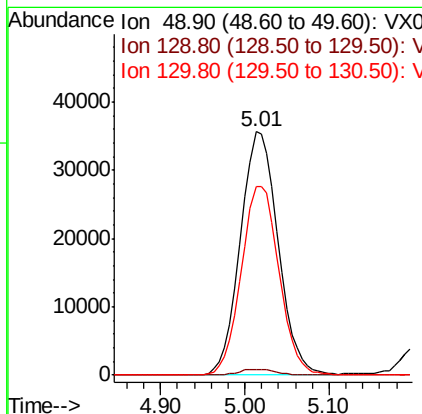
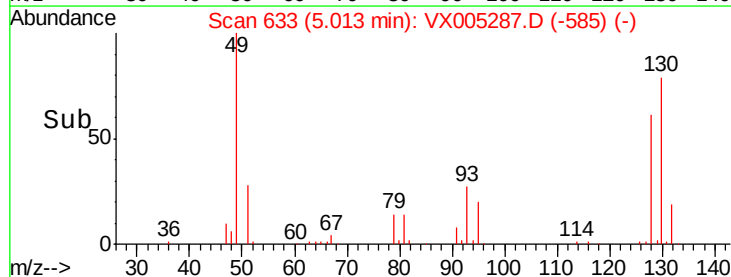
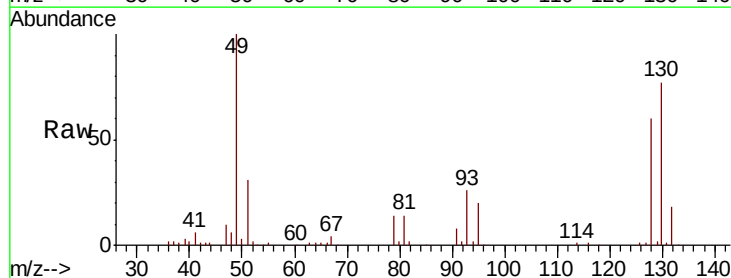
MMDadoda
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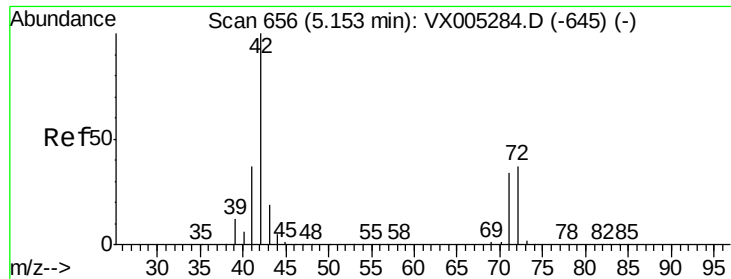


#28

Bromochloromethane
Concen: 45.434 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108614		
129	2.2	0.0	4.2	
130	77.6	67.5	101.3	





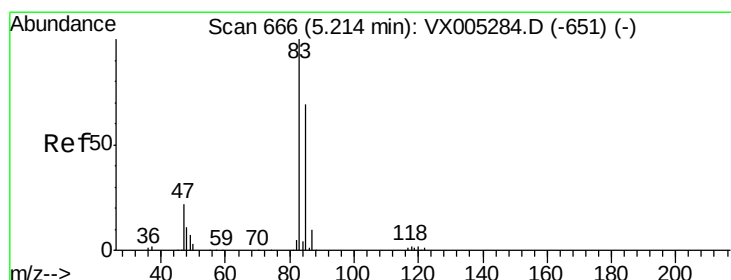
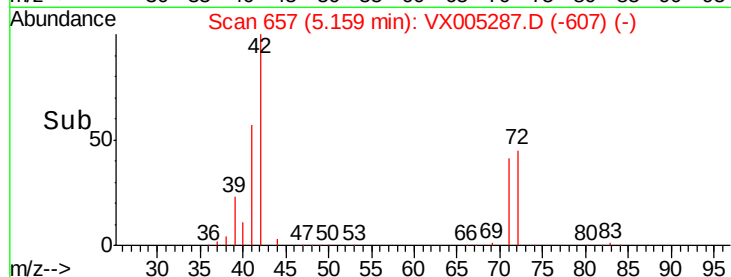
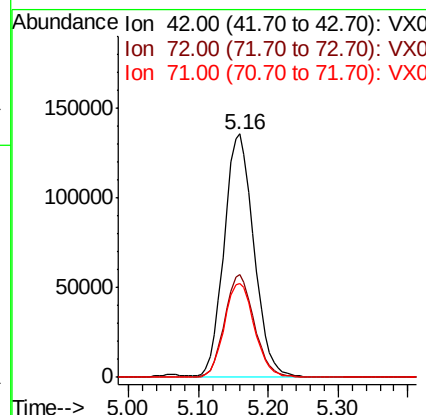
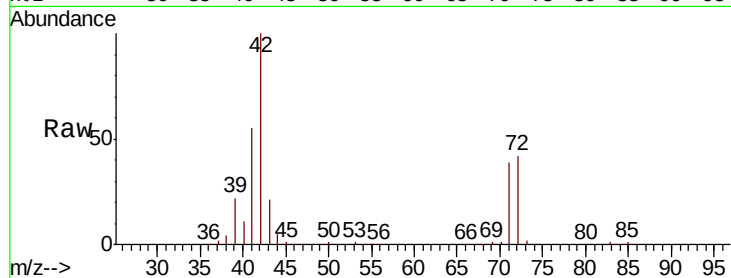
#29
Tetrahydrofuran
Concen: 237.124 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.9	37.4	56.0
71	39.1	34.5	51.7

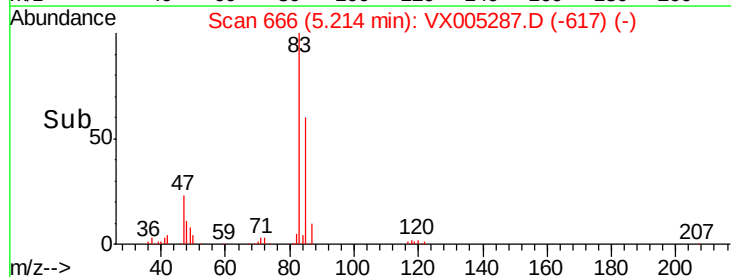
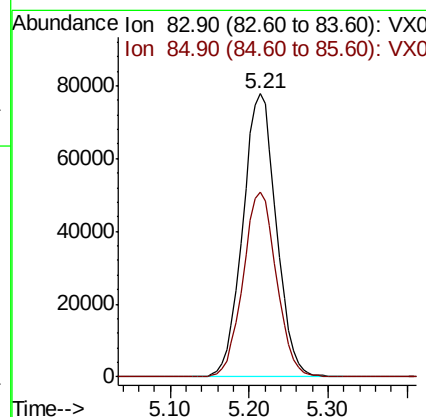
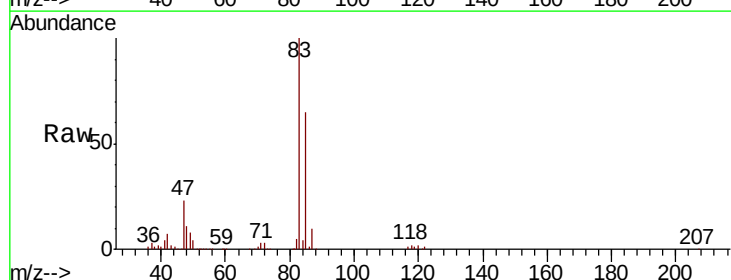
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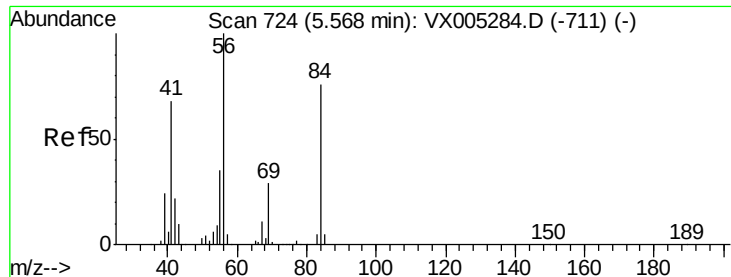
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10/17/2018 9:04:44 AM



#30
Chloroform
Concen: 47.184 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.6	79.0





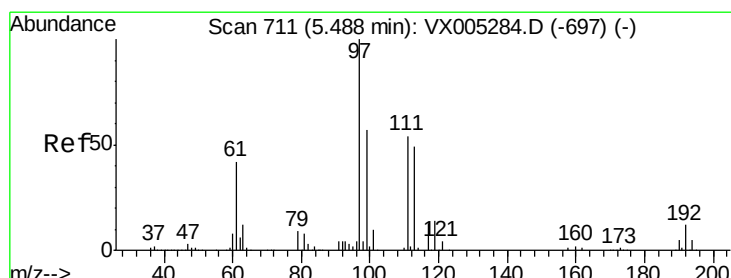
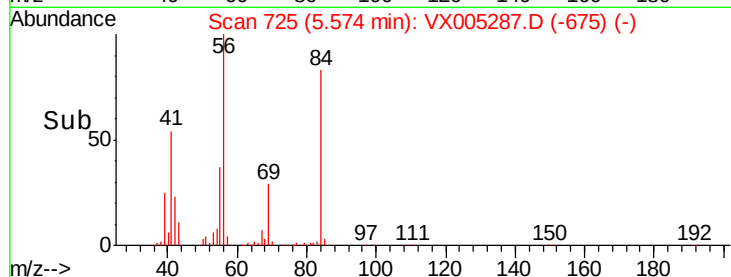
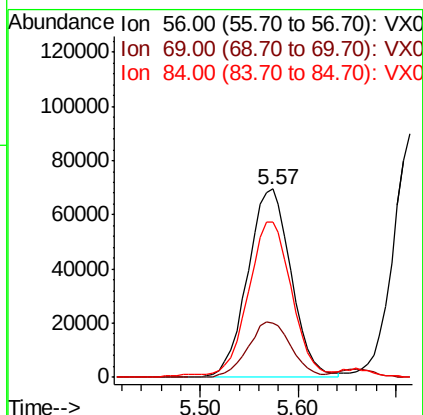
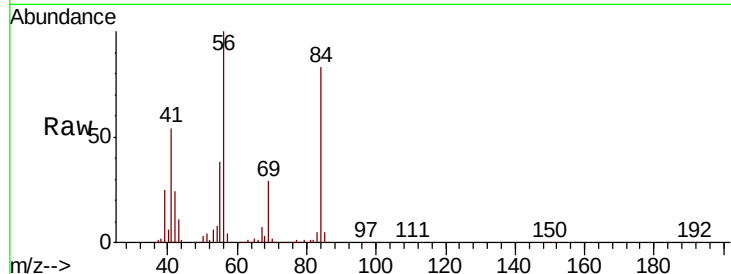
#31
Cyclohexane
Concen: 49.379 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.0	25.4	38.2
84	81.3	71.4	107.2

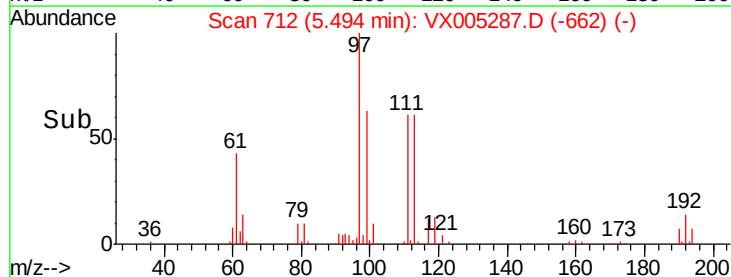
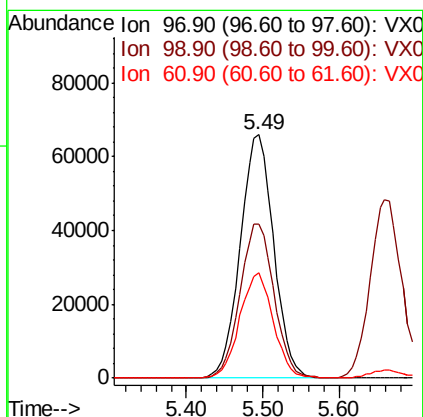
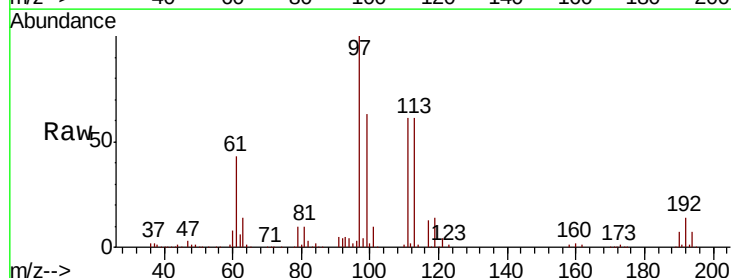
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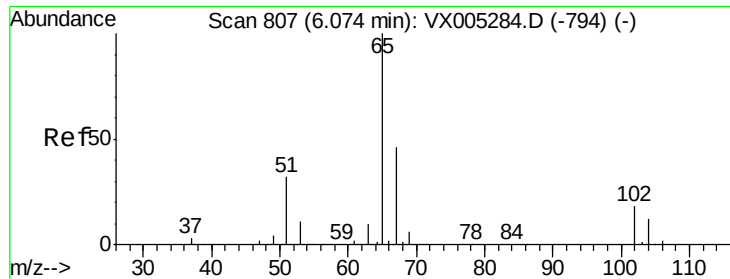
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10/17/2018 9:04:44 AM



#32
1,1,1-Trichloroethane
Concen: 47.417 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	43.4	34.9	52.3





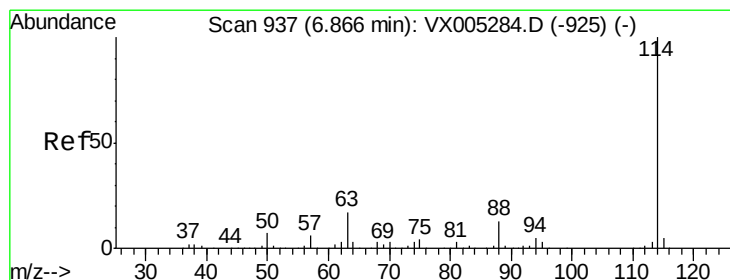
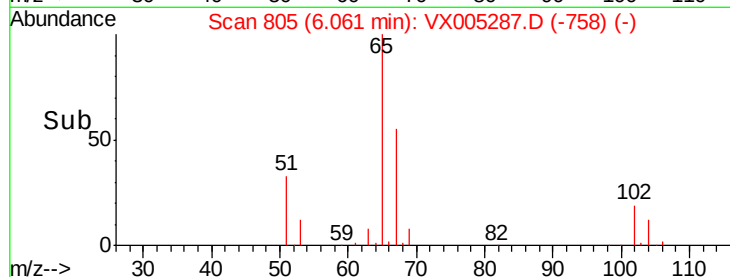
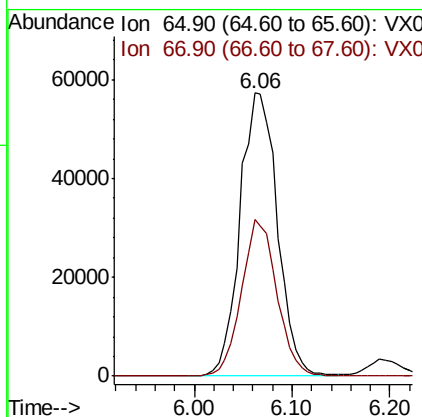
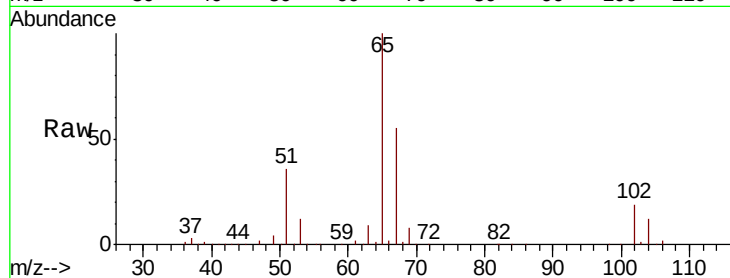
#33
 1,2-Dichloroethane-d4
 Concen: 48.485 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

Tgt Ion: 65 Resp: 152448
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.8

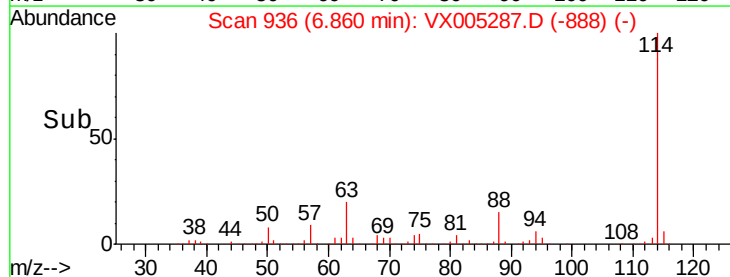
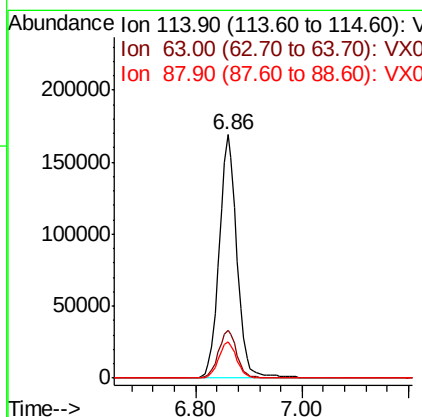
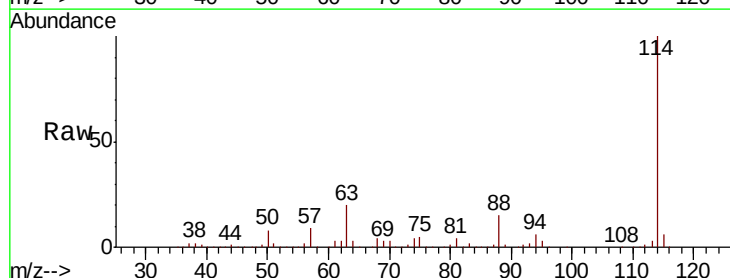
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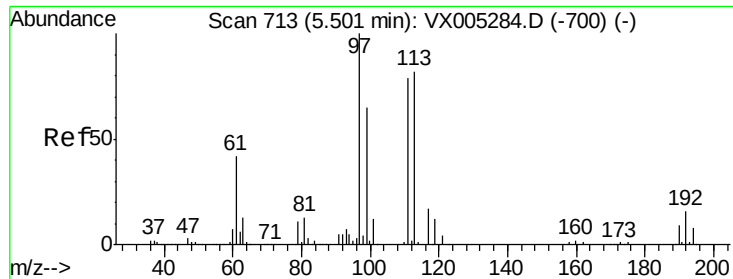
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion: 114 Resp: 393387
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.0 0.0 30.4





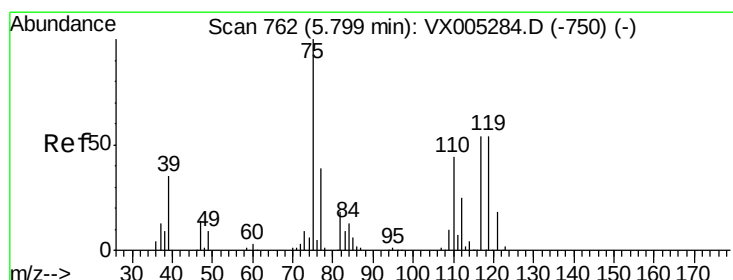
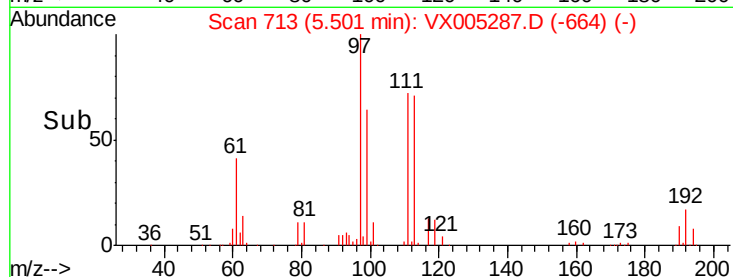
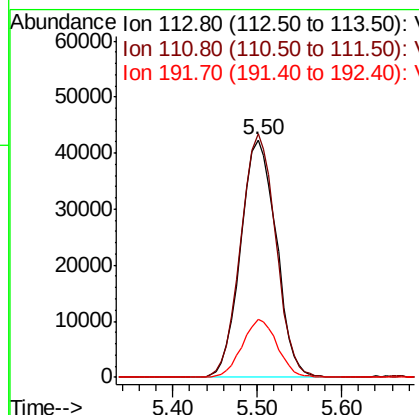
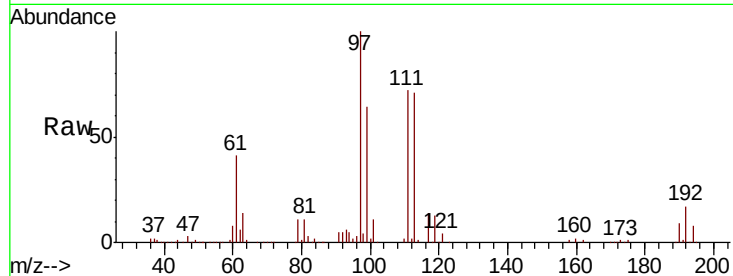
#35
 Dibromofluoromethane
 Concen: 46.444 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	121011		
111	101.4	82.4	123.6	
192	24.0	19.4	29.2	

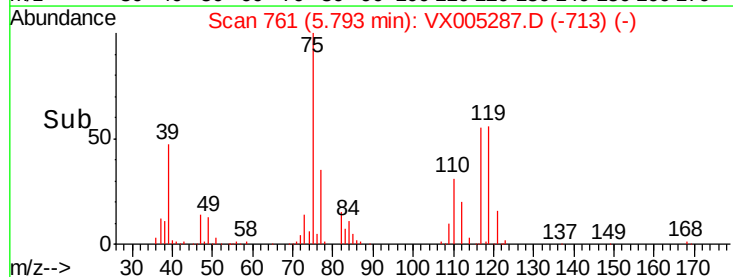
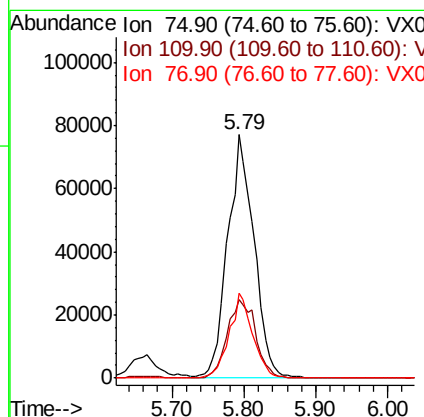
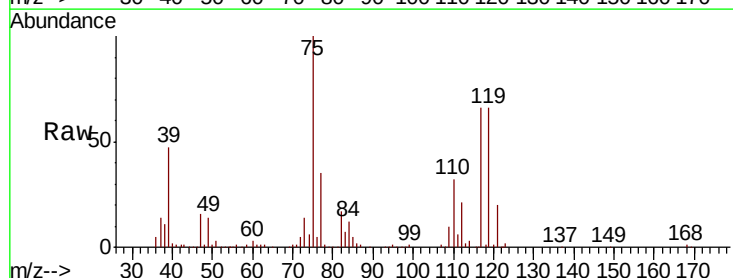
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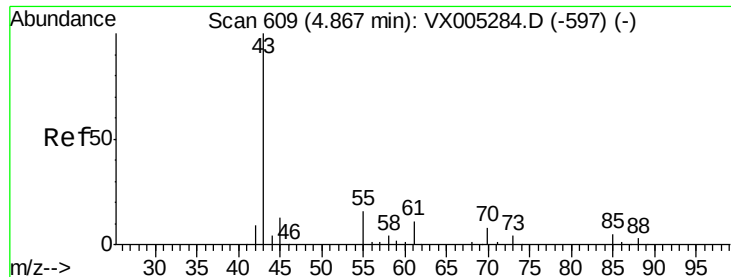
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#36
 1,1-Dichloropropene
 Concen: 51.563 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	196452		
110	34.8	18.0	54.0	
77	31.3	24.6	36.8	





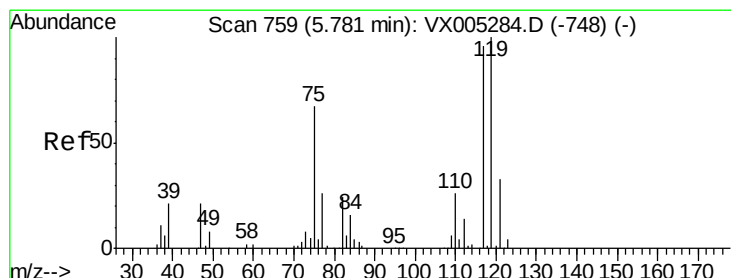
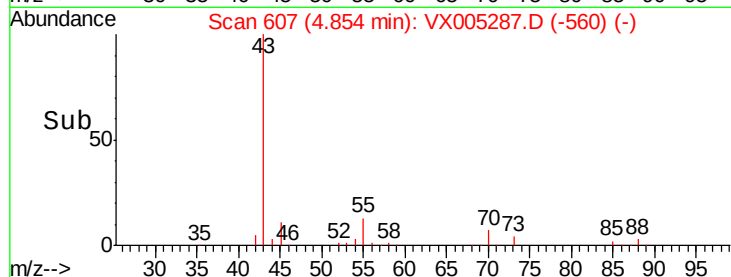
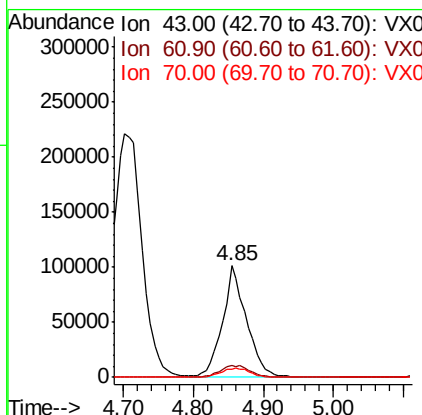
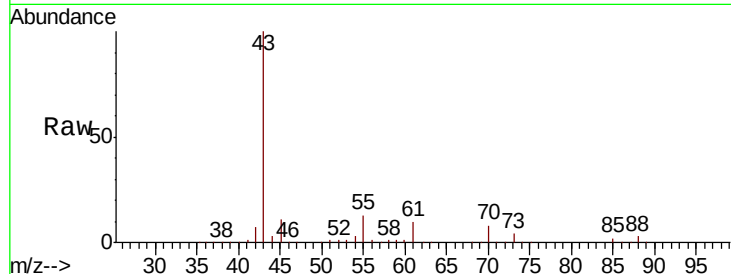
#37
Ethyl Acetate
Concen: 49.361 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion: 43 Resp: 241852
Ion Ratio Lower Upper
43 100
61 13.3 11.5 17.3
70 9.9 9.0 13.6

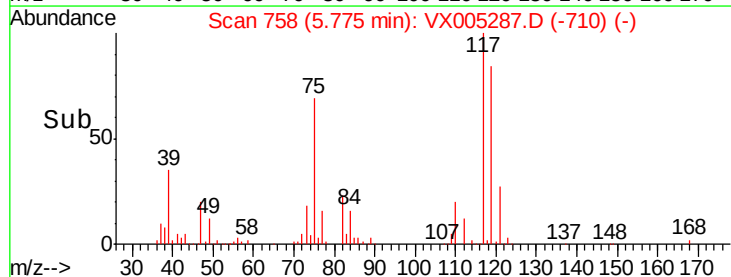
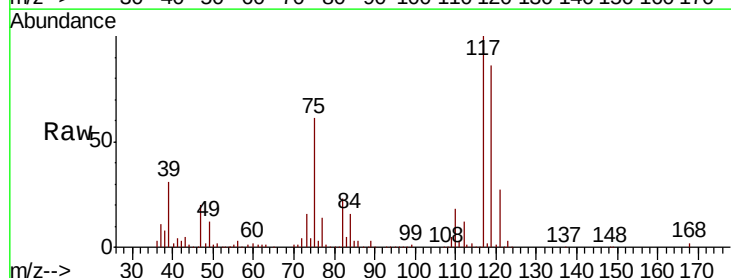
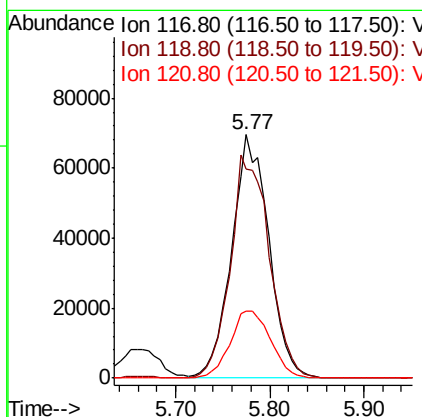
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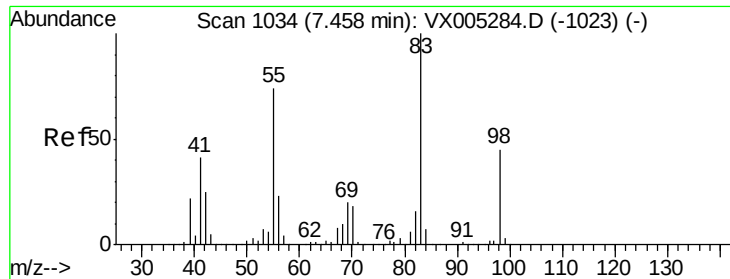
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#38
Carbon Tetrachloride
Concen: 49.814 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion: 117 Resp: 190696
Ion Ratio Lower Upper
117 100
119 85.6 78.8 118.2
121 27.5 24.9 37.3





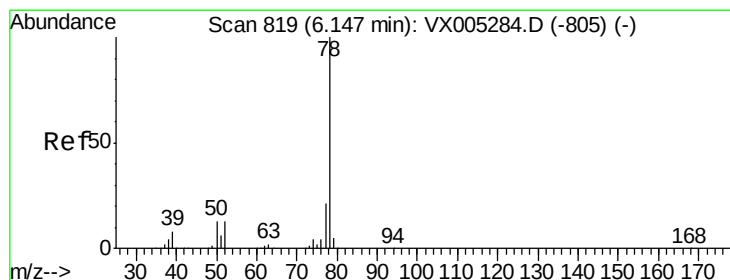
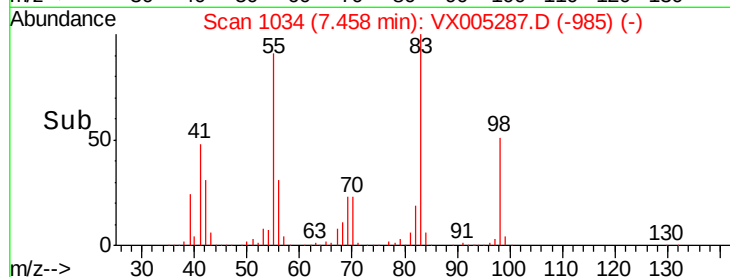
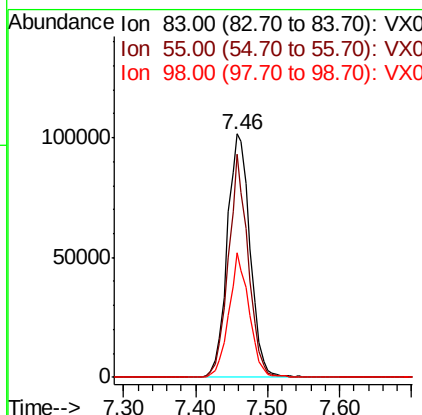
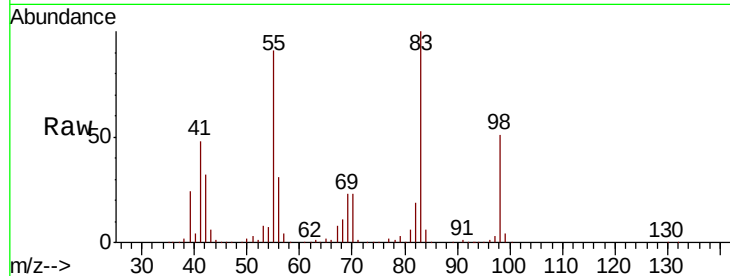
#39
Methylcyclohexane
Concen: 54.275 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	223798		
55	91.4	61.0	91.4	
98	51.3	39.6	59.4	

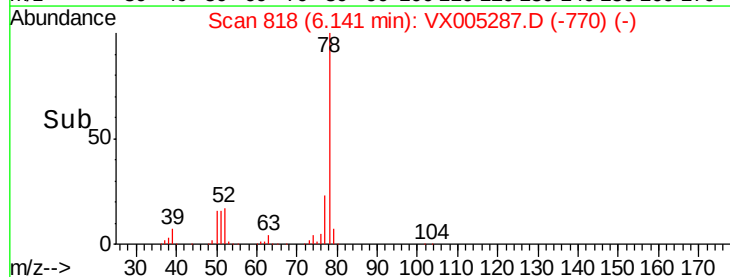
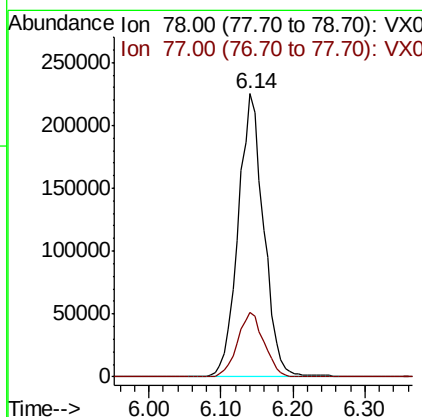
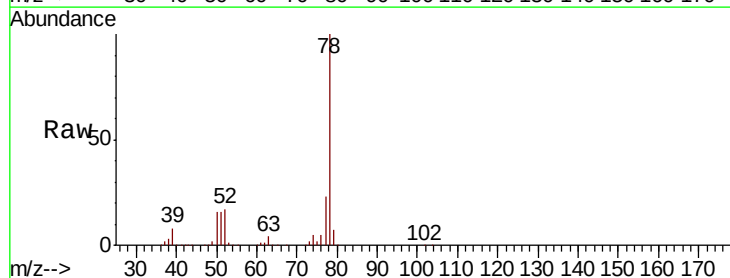
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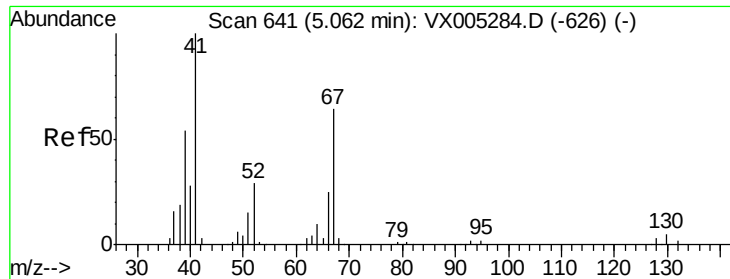
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#40
Benzene
Concen: 48.609 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	555549		
77	23.0	19.0	28.4	





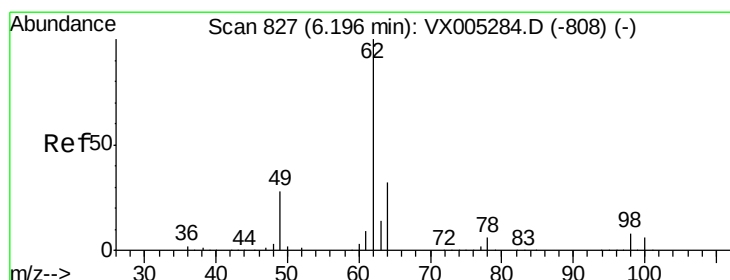
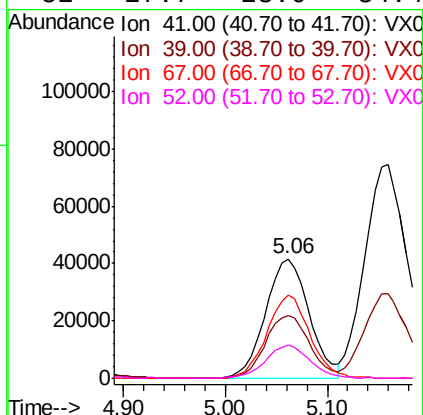
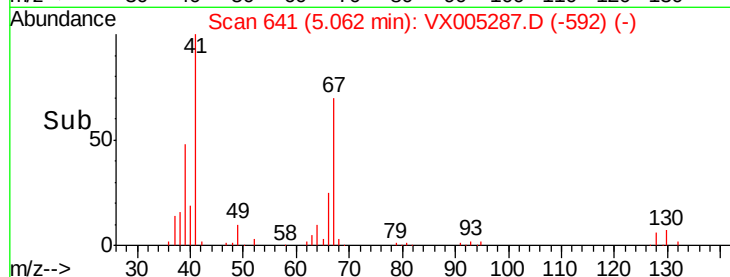
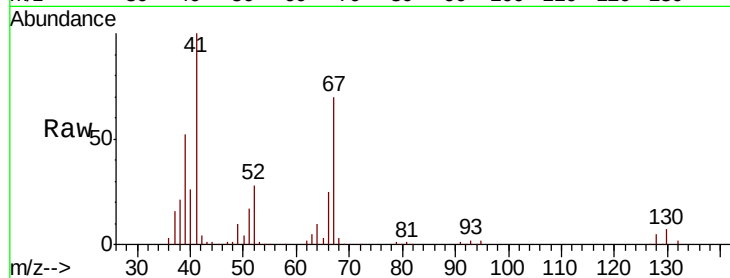
#41
Methacrylonitrile
Concen: 46.967 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.4	63.6
67	68.5	59.2	88.8
52	27.7	23.0	34.4

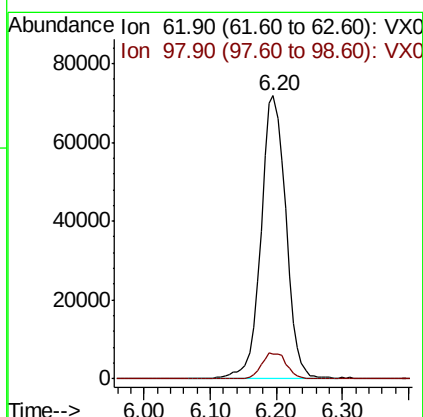
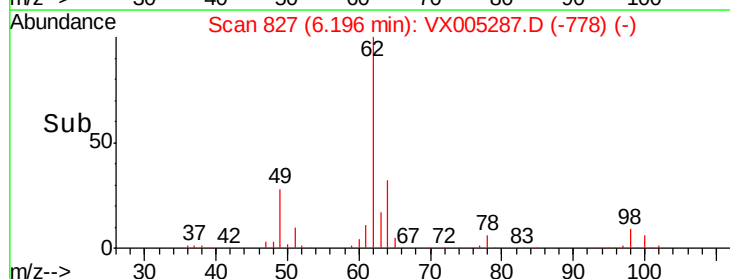
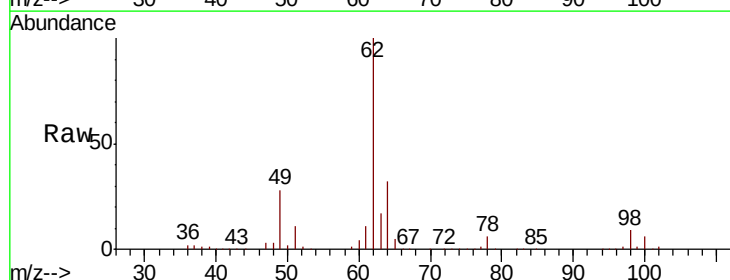
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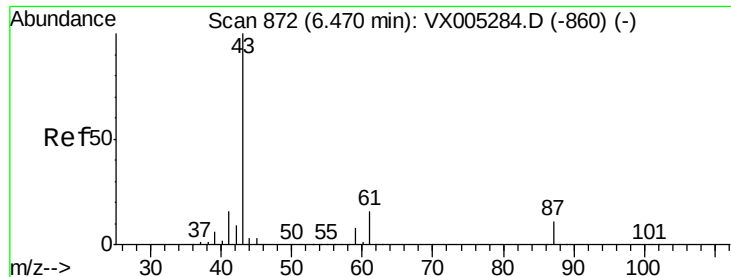
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#42
1,2-Dichloroethane
Concen: 46.781 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 52.911 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

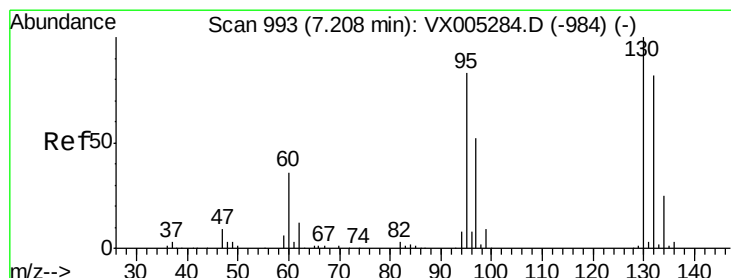
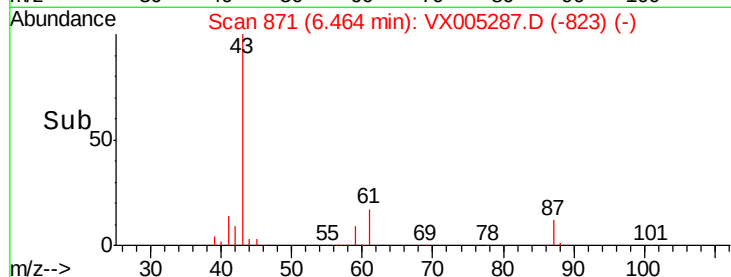
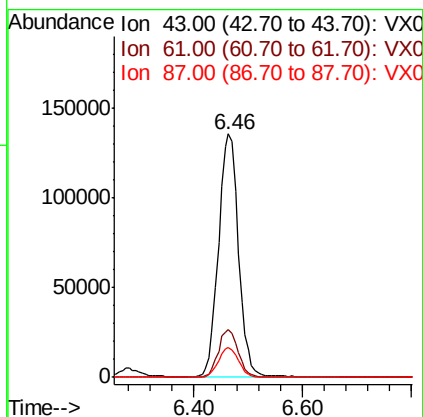
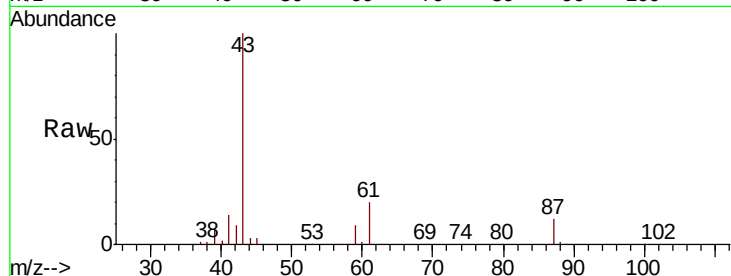
ClientSampleId :

ICVVX101218

Tgt Ion:	43	Resp:	345337
Ion	Ratio	Lower	Upper
43	100		
61	19.5	17.0	25.4
87	12.3	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 49.609 ug/l

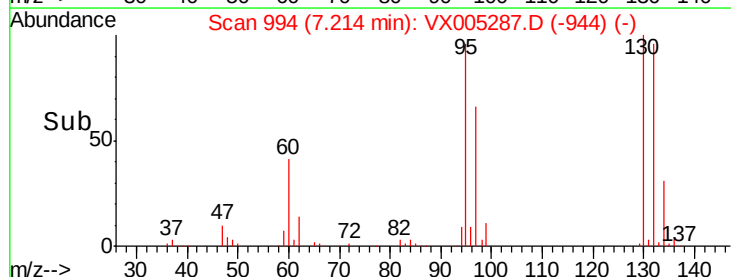
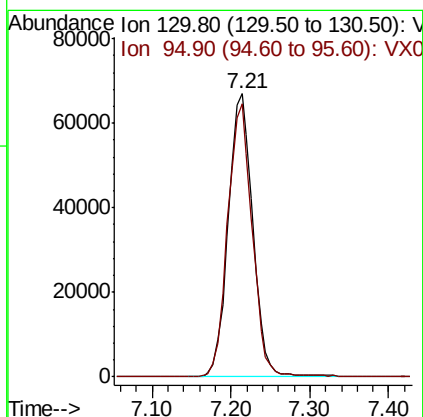
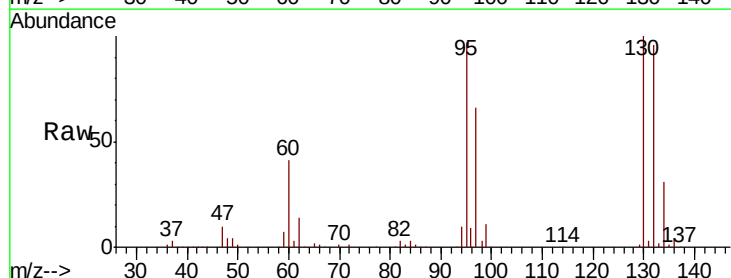
RT: 7.21 min Scan# 994

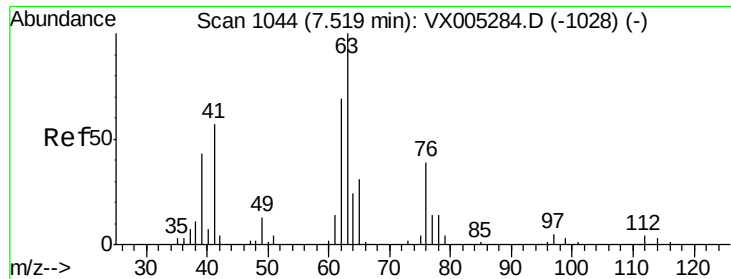
Delta R.T. 0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion:	130	Resp:	144784
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	181.6





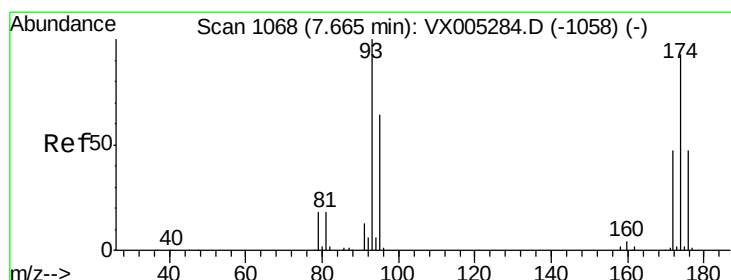
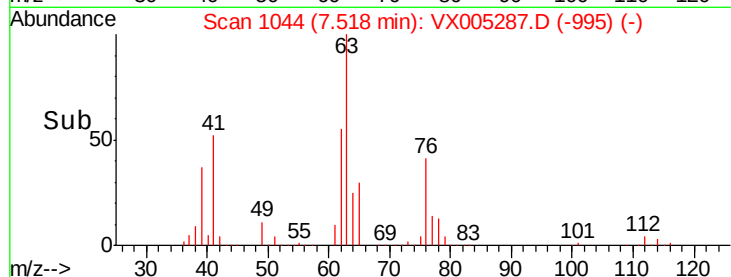
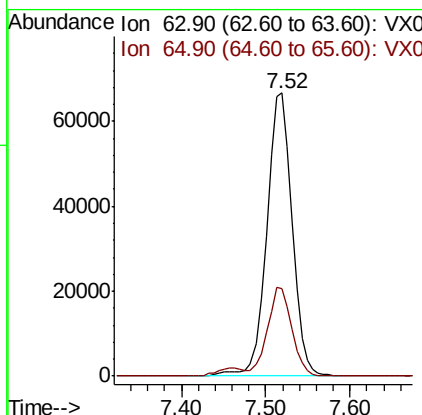
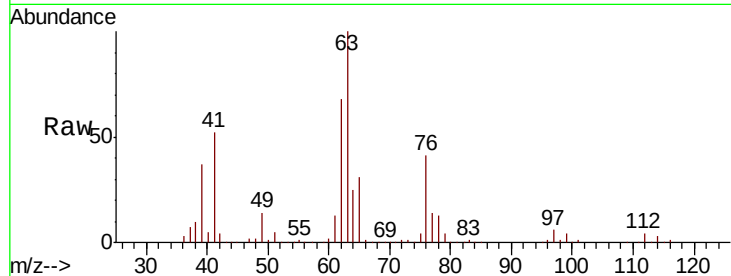
#45
1,2-Dichloropropane
Concen: 49.490 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion: 63 Resp: 138747
Ion Ratio Lower Upper
63 100
65 31.0 24.3 36.5

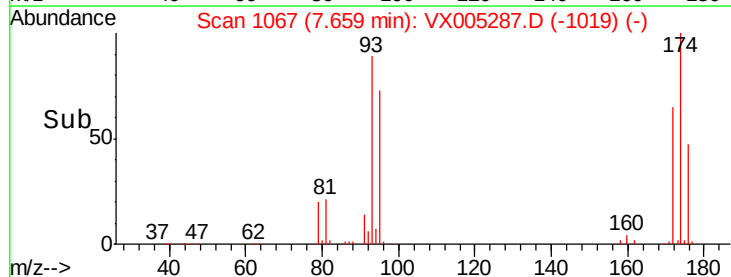
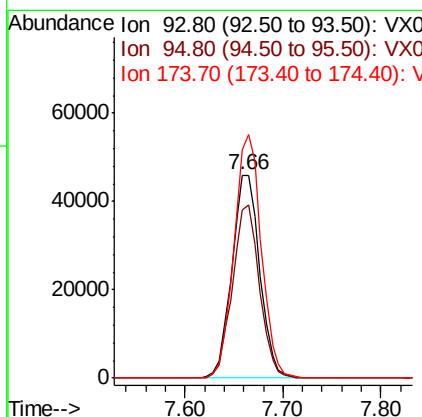
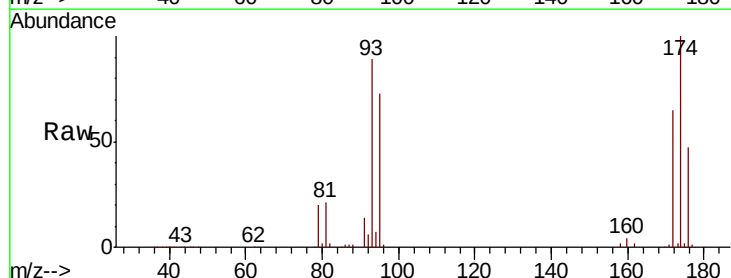
Manual Integrations
APPROVED

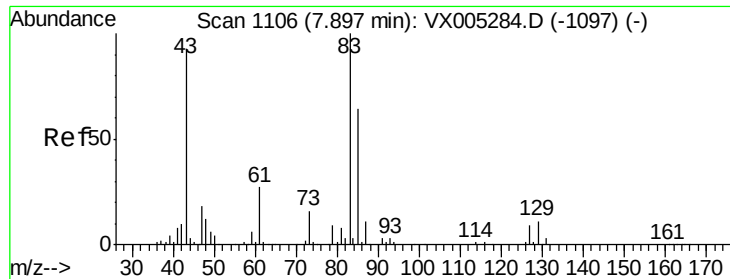
MMDadoda
10/17/2018 9:04:44 AM



#46
Dibromomethane
Concen: 49.012 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion: 93 Resp: 90690
Ion Ratio Lower Upper
93 100
95 83.1 65.5 98.3
174 118.1 94.2 141.4





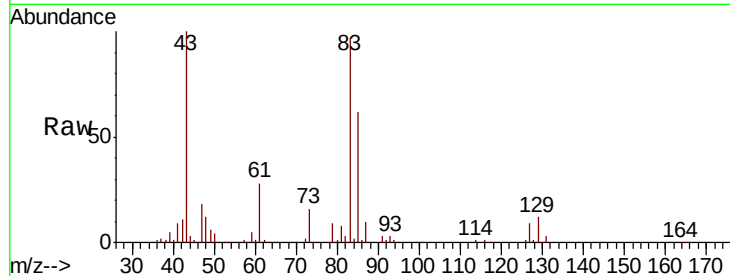
#47
Bromodichloromethane
Concen: 50.267 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	172045		
85	64.2	50.9	76.3	
127	9.0	7.3	10.9	

Manual Integrations
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MMDadoda
10/17/2018 9:04:44 AM

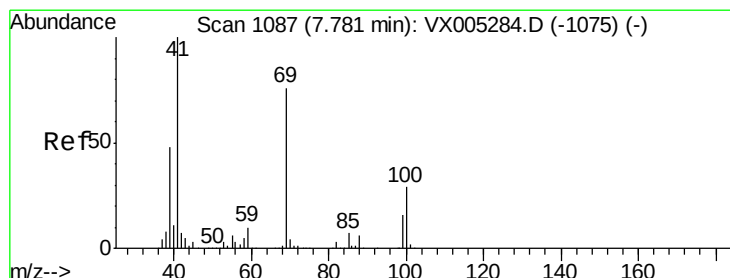
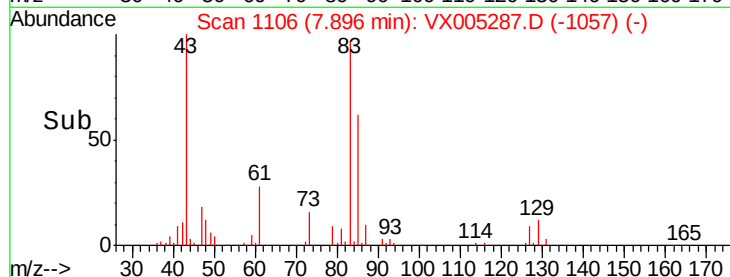
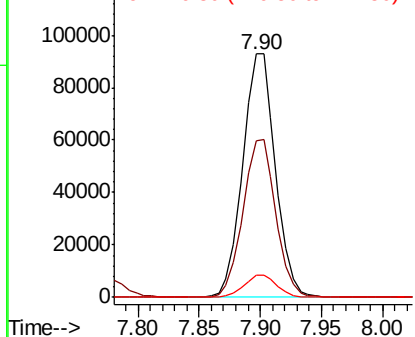


Abundance

Ion 82.90 (82.60 to 83.60): VX0

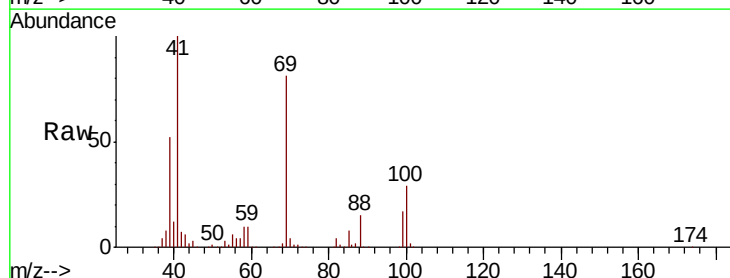
Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48
Methyl methacrylate
Concen: 52.858 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	178931		
69	82.0	70.2	105.4	
39	51.0	42.7	64.1	

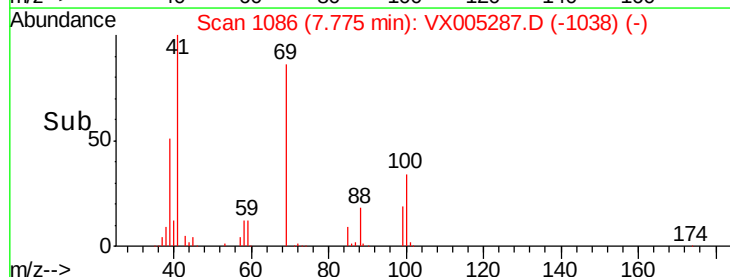
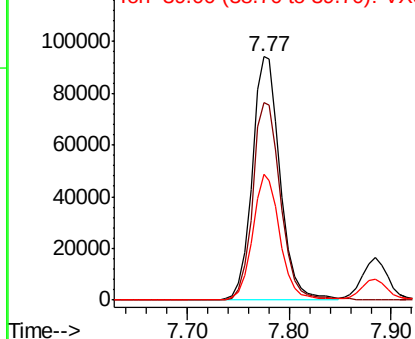


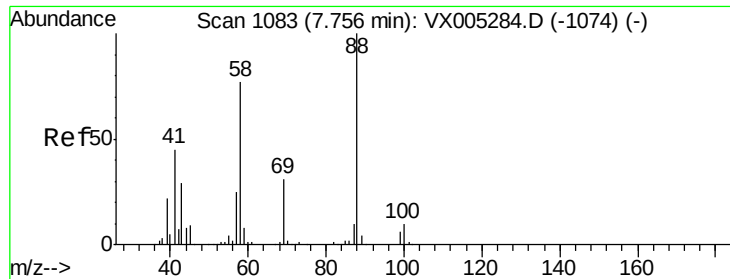
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





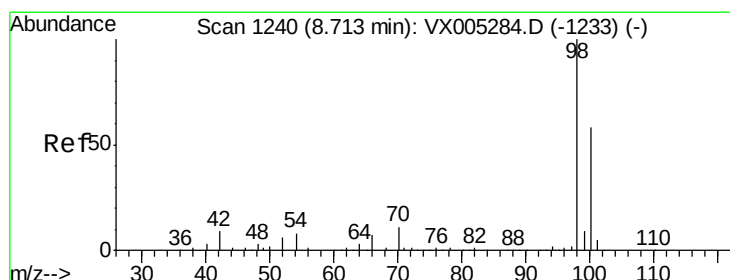
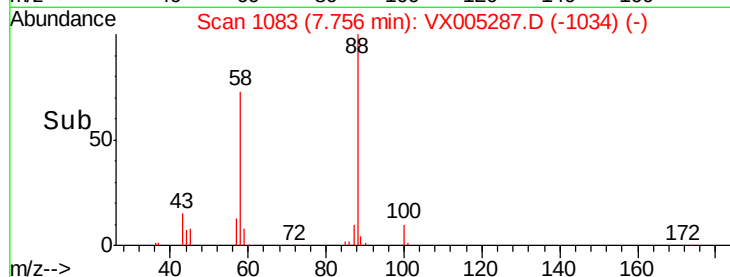
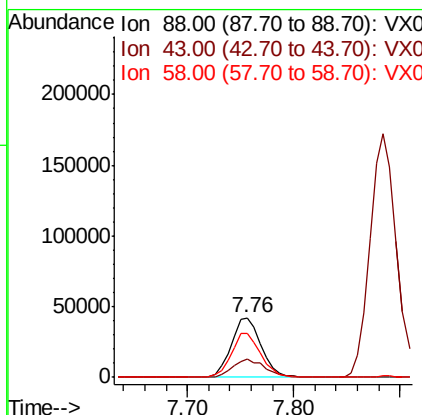
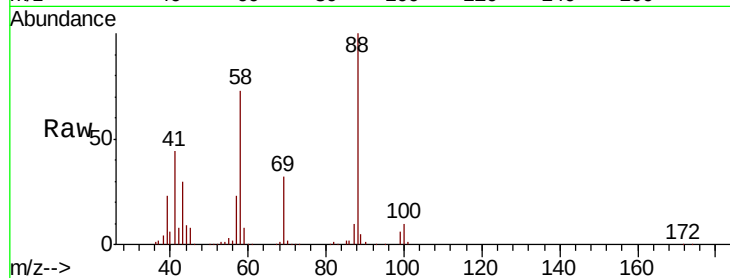
#49
1,4-Dioxane
Concen: 1065.775 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.6	24.7	37.1
58	72.7	55.3	82.9

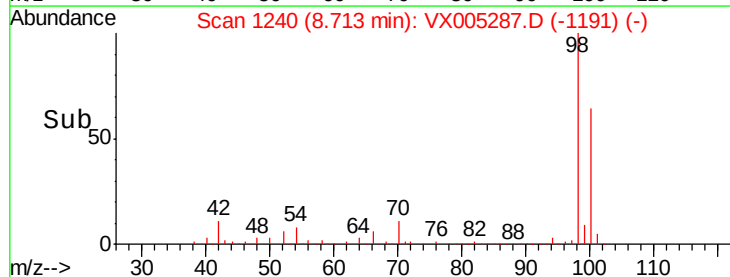
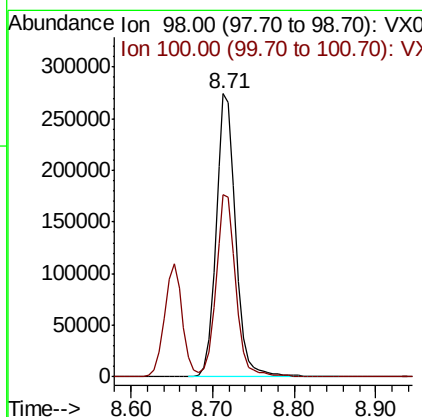
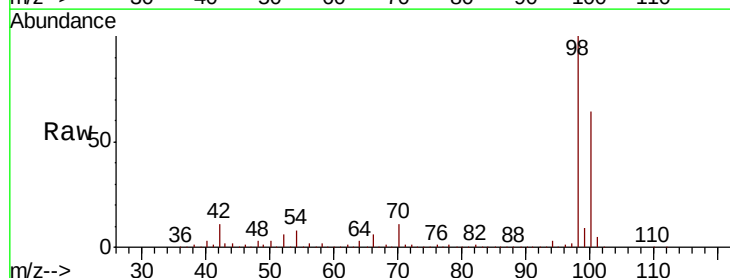
Manual Integrations
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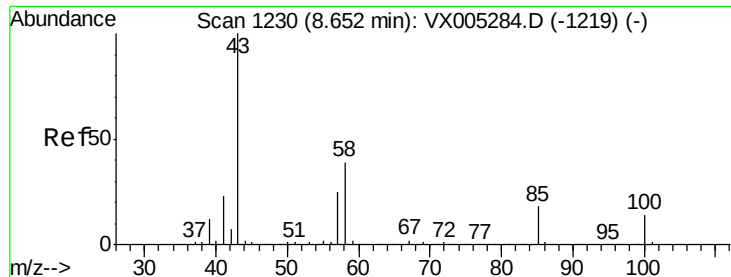
MMDadoda
10/17/2018 9:04:44 AM



#50
Toluene-d8
Concen: 51.505 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 262.834 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion: 43 Resp: 1187813

Ion Ratio Lower Upper

43 100

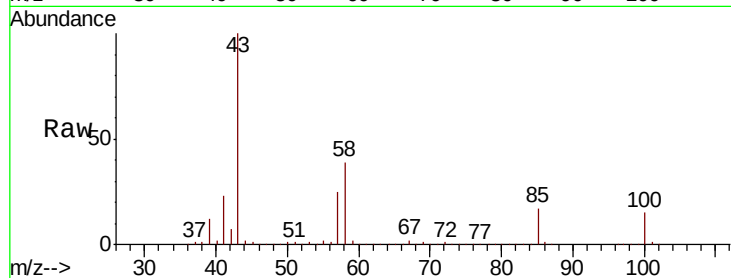
58 38.9 33.1 49.7

Manual Integrations

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MMDadoda

10/17/2018 9:04:44 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

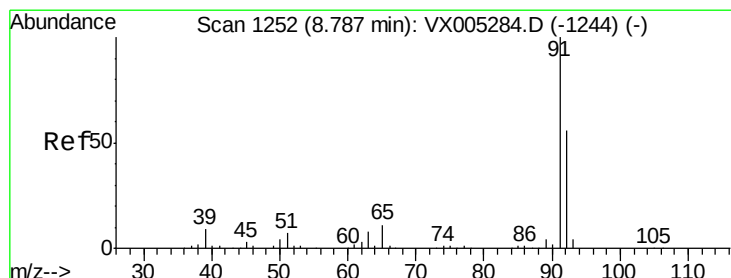
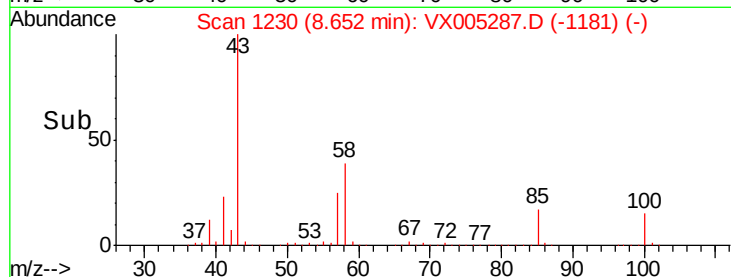
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 53.028 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005287.D

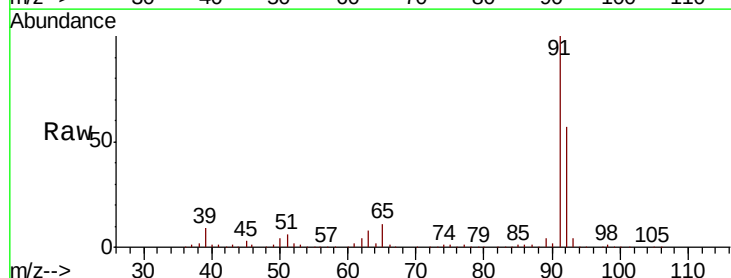
Acq: 12 Oct 2018 11:27

Tgt Ion: 92 Resp: 331570

Ion Ratio Lower Upper

92 100

91 174.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

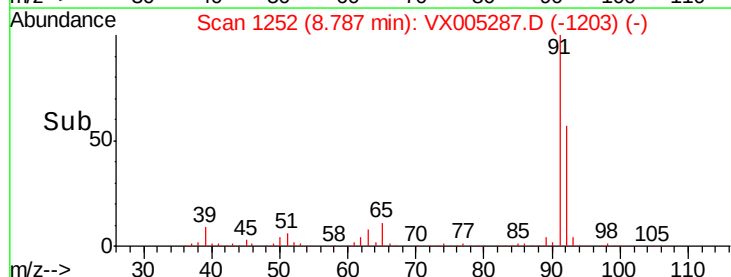
300000

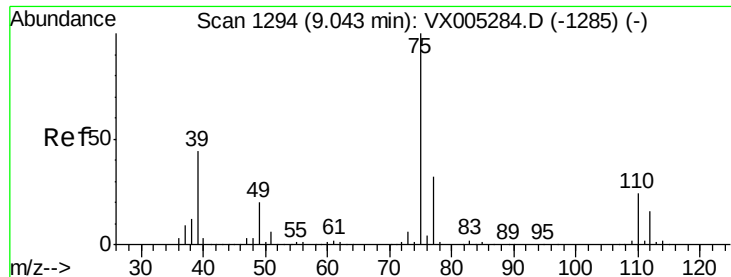
200000

100000

0

Time-->





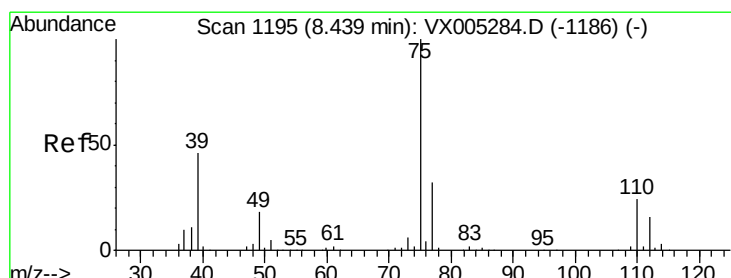
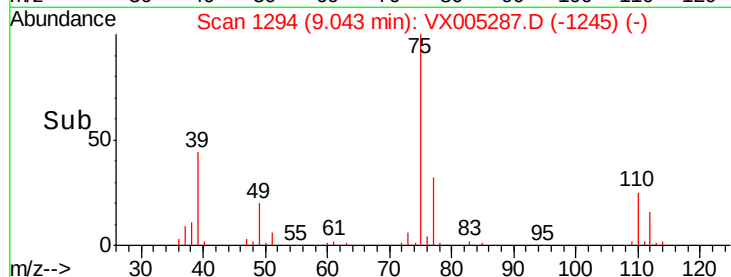
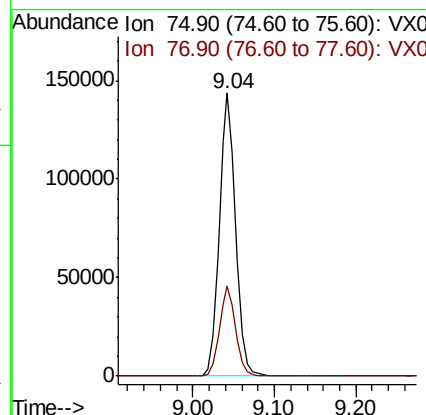
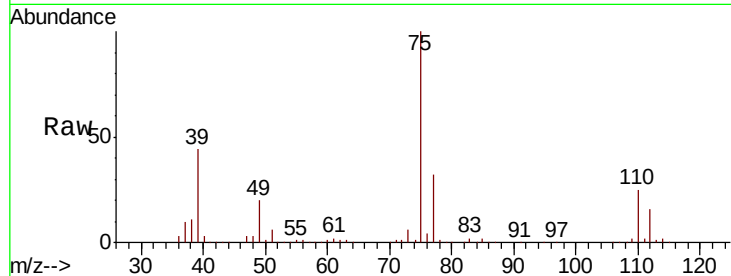
#53
t-1,3-Dichloropropene
Concen: 54.678 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion: 75 Resp: 202525
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0

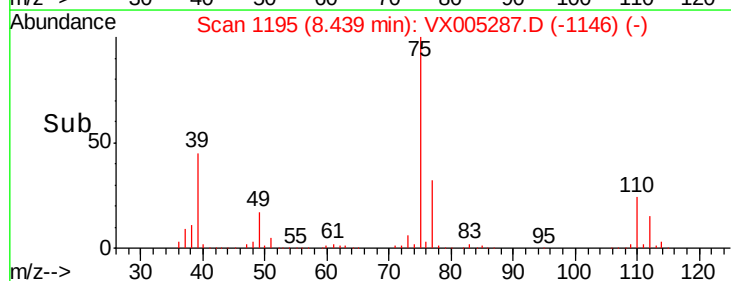
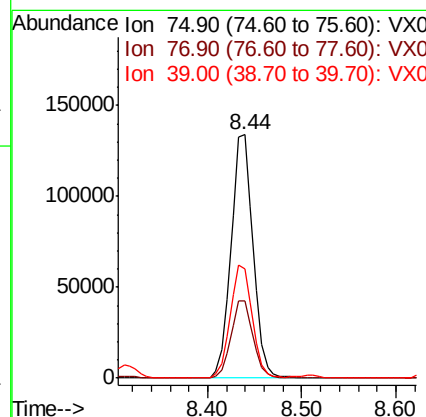
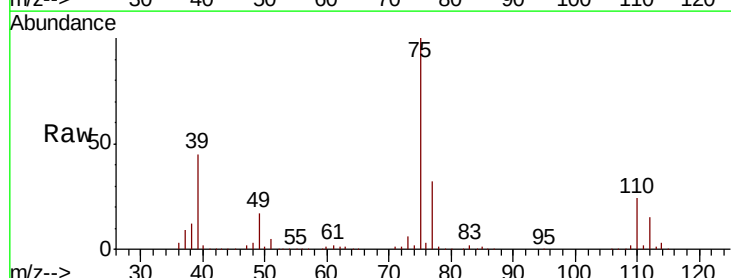
Manual Integrations
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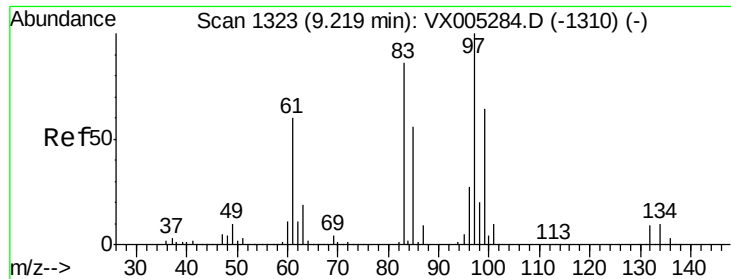
MMDadoda
10/17/2018 9:04:44 AM



#54
cis-1,3-Dichloropropene
Concen: 54.067 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion: 75 Resp: 216990
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
39 44.9 36.4 54.6





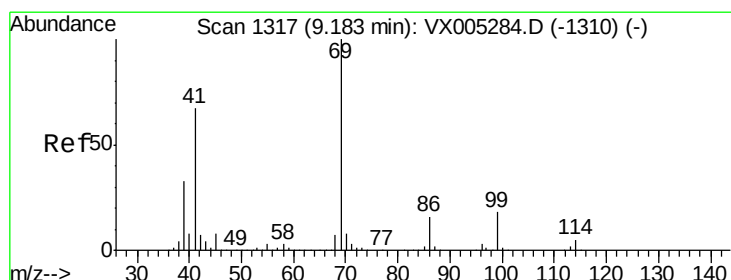
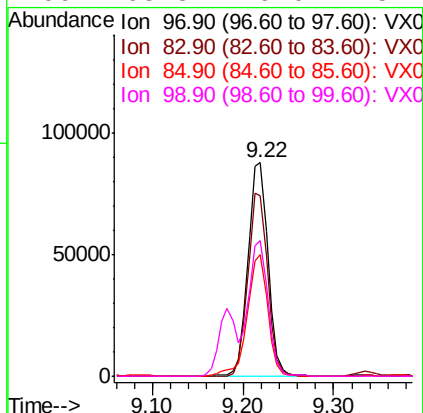
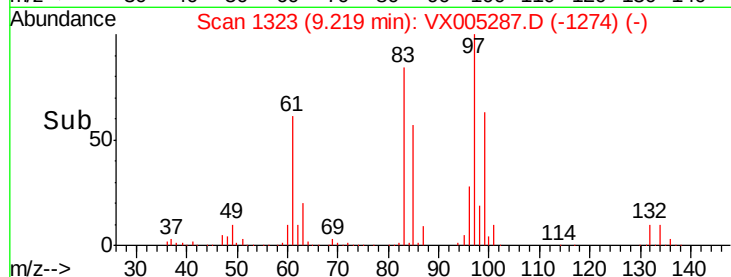
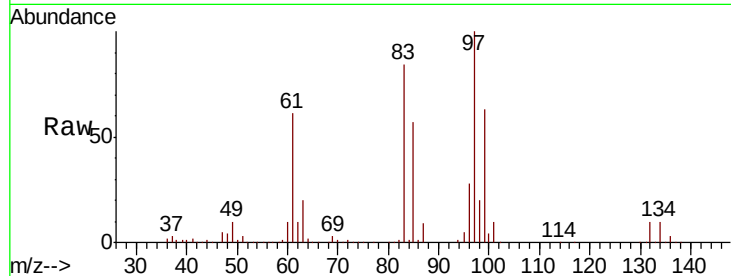
#55
 1,1,2-Trichloroethane
 Concen: 50.909 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	134825		
83	84.5	66.4	99.6	
85	56.7	43.3	64.9	
99	63.3	49.0	73.4	

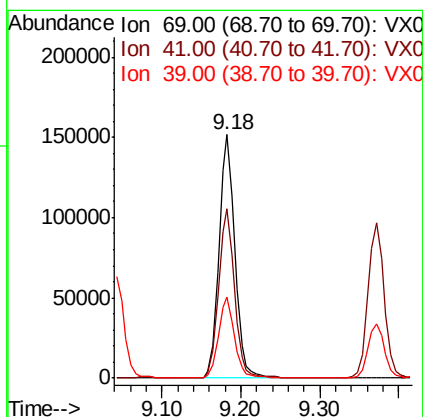
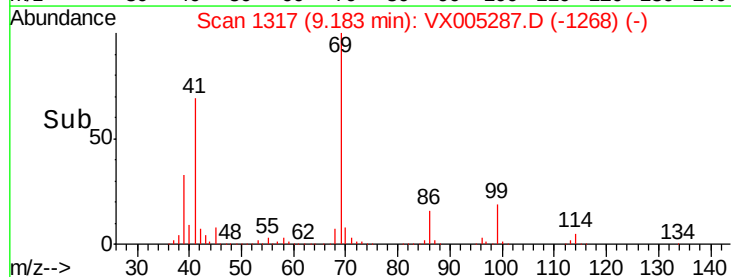
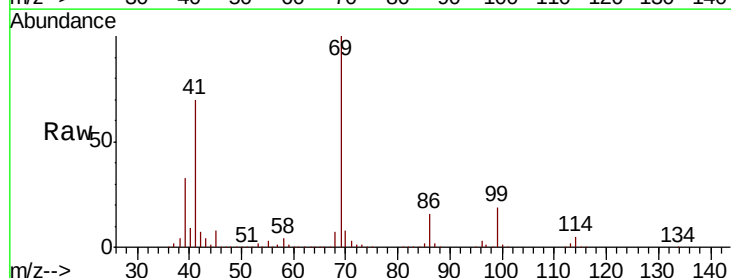
Manual Integrations
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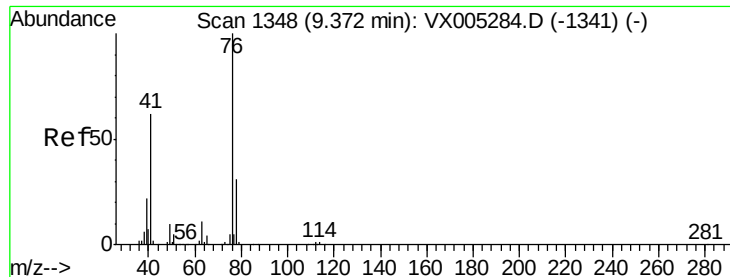
MMDadoda
 10/17/2018 9:04:44 AM



#56
 Ethyl methacrylate
 Concen: 55.390 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	213850		
41	69.5	51.0	76.4	
39	33.2	26.1	39.1	





#57

1,3-Dichloropropane

Concen: 50.854 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion: 76 Resp: 224791

Ion Ratio Lower Upper

76 100

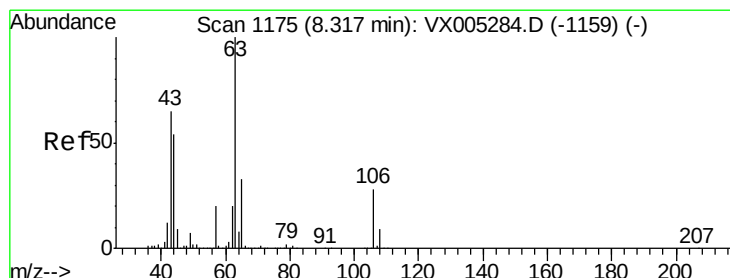
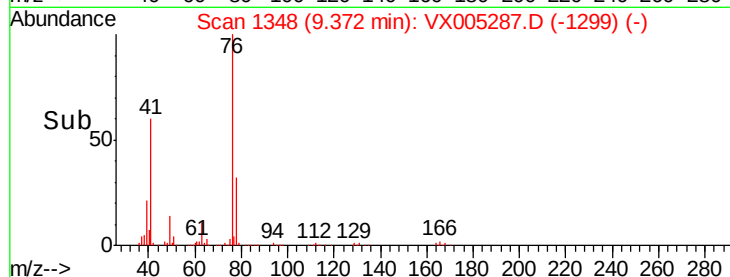
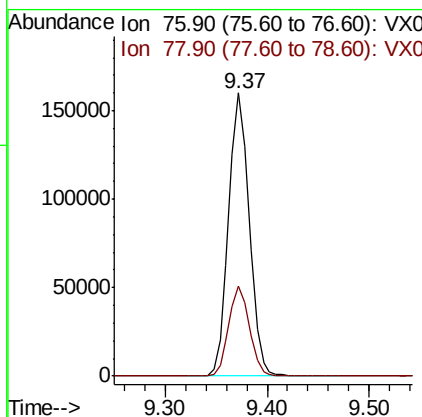
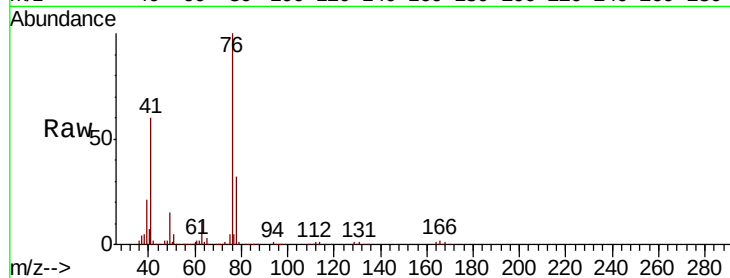
78 32.0 25.5 38.3

Manual Integrations

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MMDadoda

10/17/2018 9:04:44 AM



#58

2-Chloroethyl Vinyl ether

Concen: 270.608 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005287.D

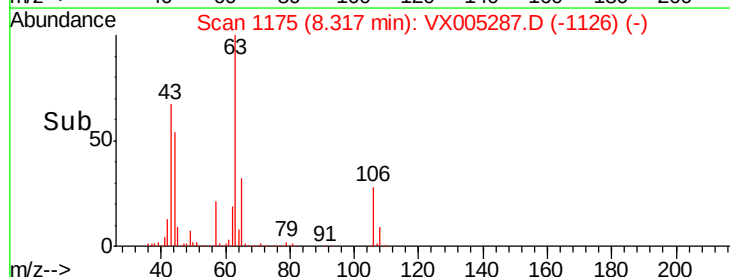
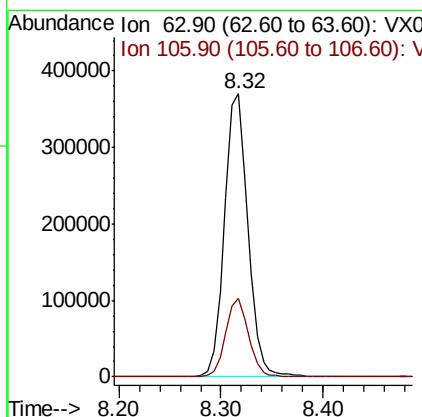
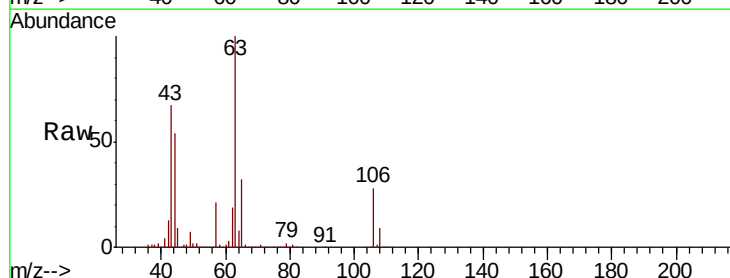
Acq: 12 Oct 2018 11:27

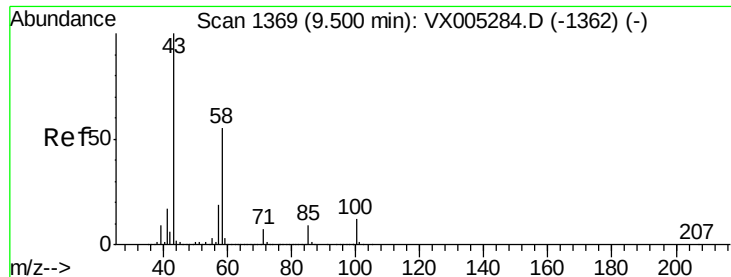
Tgt Ion: 63 Resp: 585923

Ion Ratio Lower Upper

63 100

106 27.4 23.9 35.9





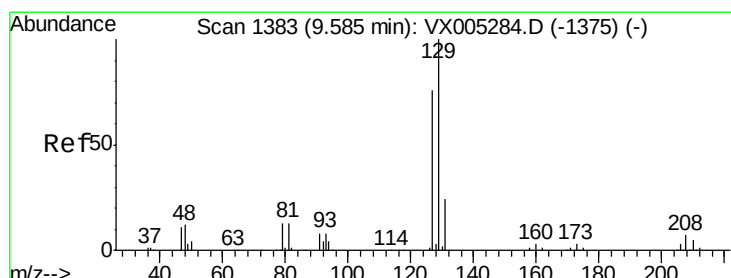
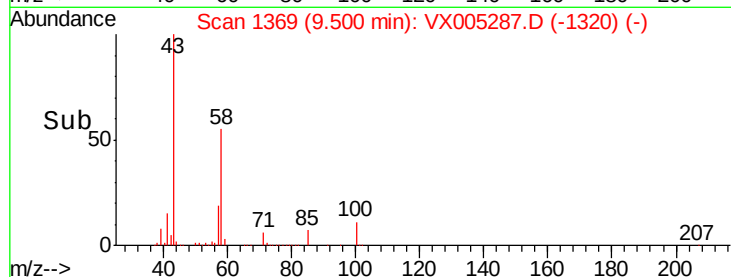
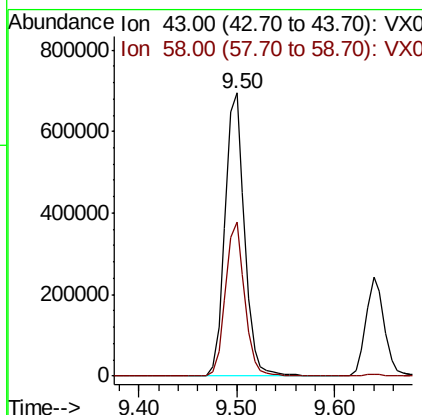
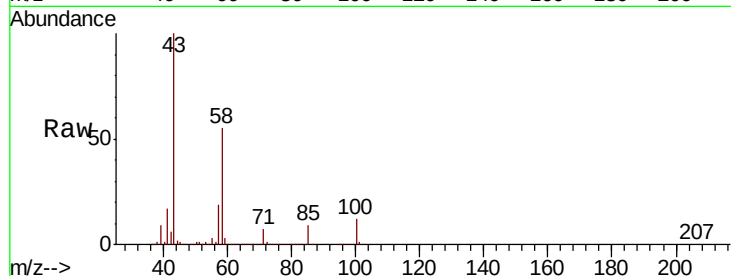
#59
2-Hexanone
Concen: 264.513 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion: 43 Resp: 961587
Ion Ratio Lower Upper
43 100
58 53.8 29.0 87.0

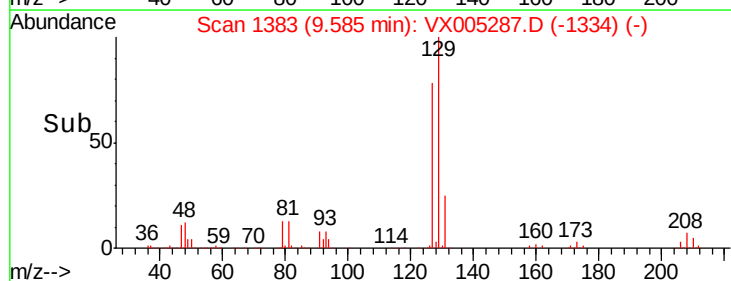
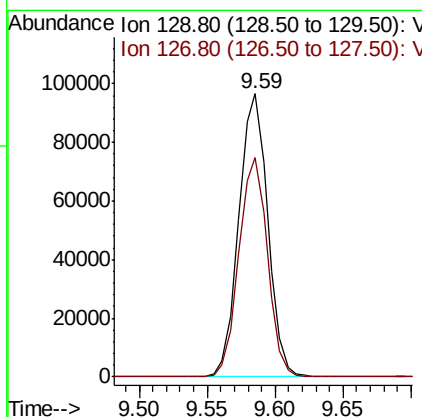
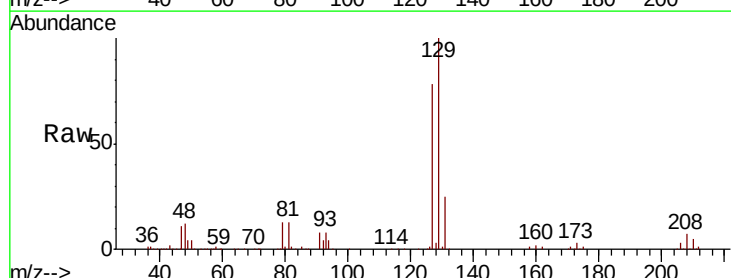
Manual Integrations
APPROVED

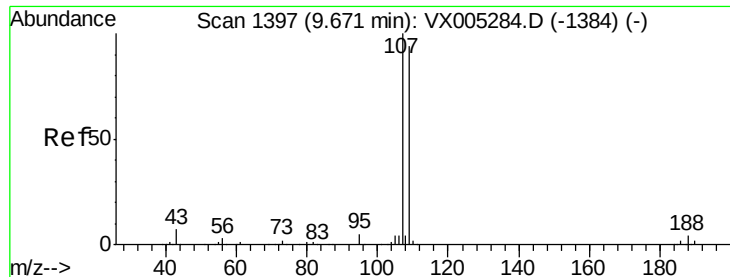
MMDadoda
10/17/2018 9:04:44 AM



#60
Dibromochloromethane
Concen: 52.406 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion: 129 Resp: 143463
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.492 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion: 107 Resp: 140338

Ion Ratio Lower Upper

107 100

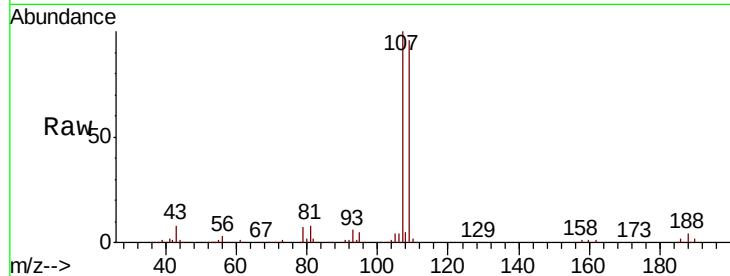
109 95.0 76.0 114.0

Manual Integrations

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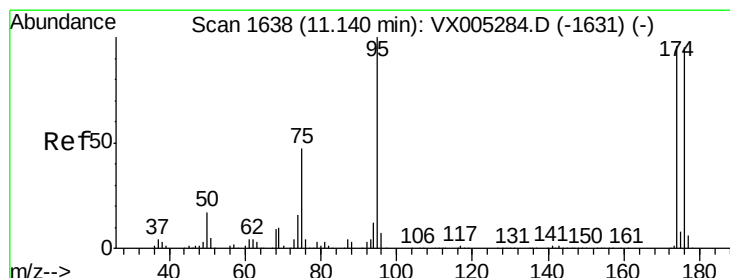
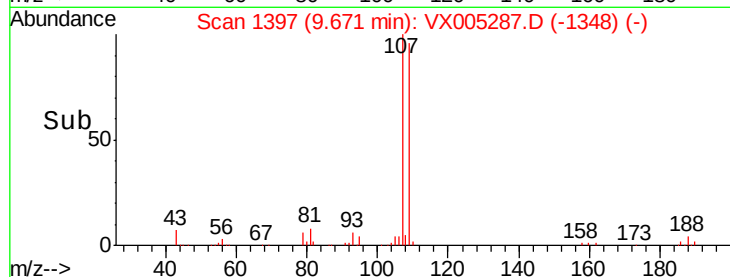
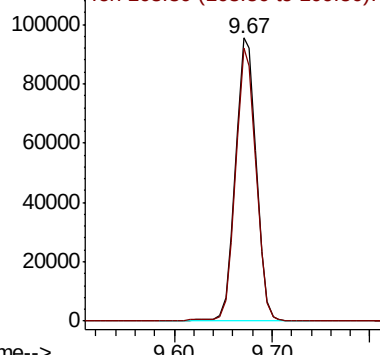
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.707 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

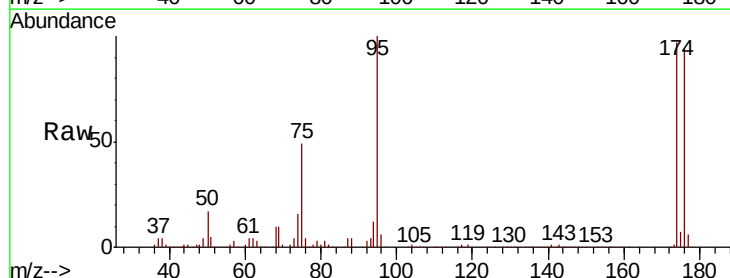
Tgt Ion: 95 Resp: 173748

Ion Ratio Lower Upper

95 100

174 93.7 0.0 185.2

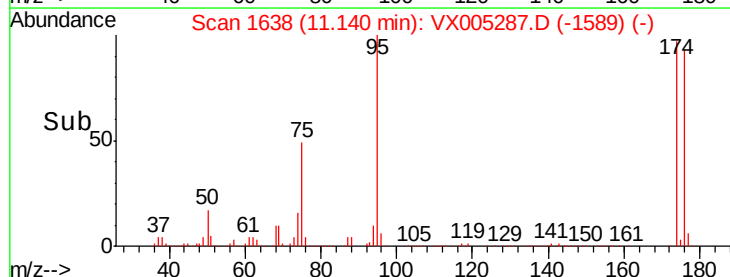
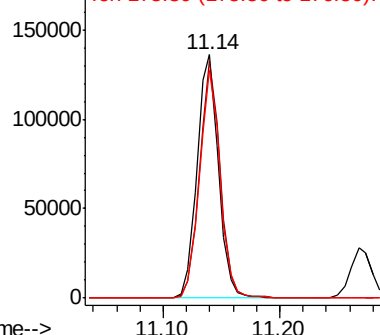
176 90.6 0.0 178.6

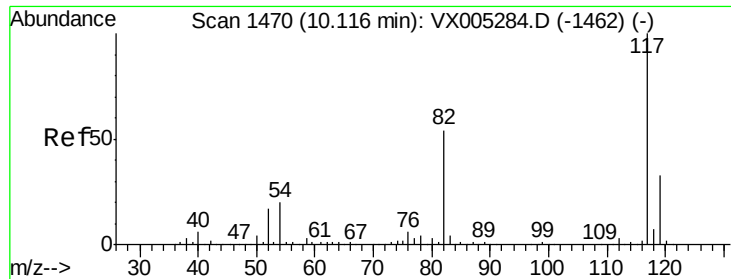


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





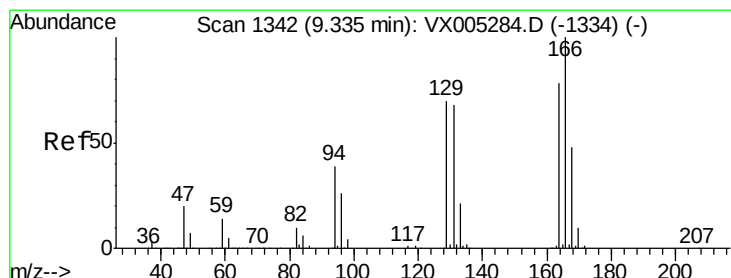
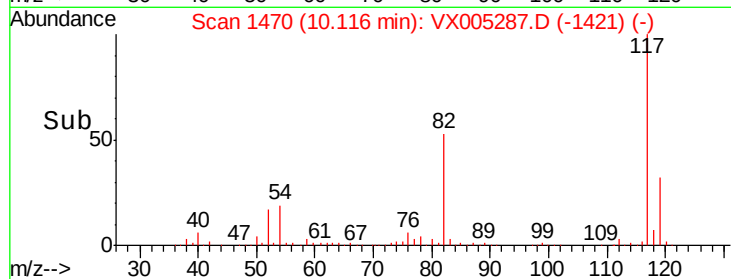
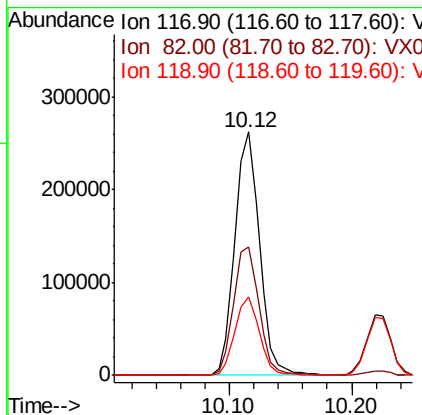
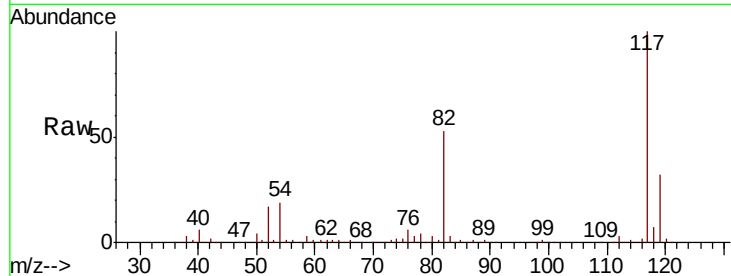
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	365820		
82	52.8	47.8	71.6	
119	32.5	29.3	43.9	

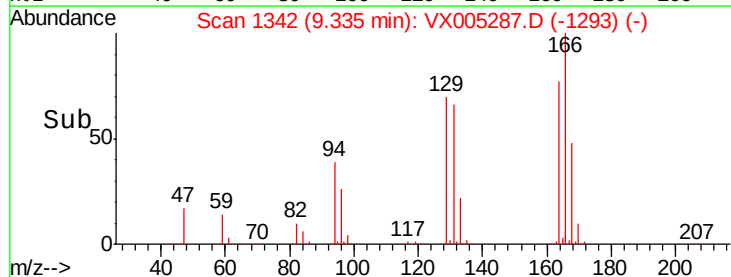
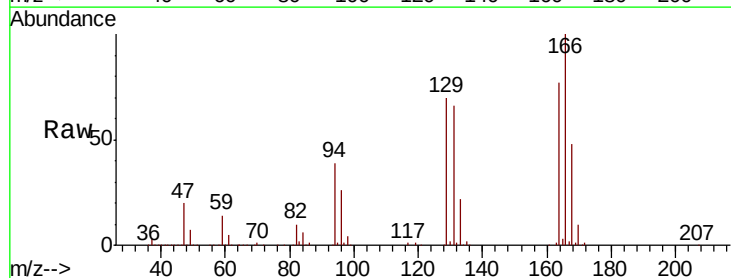
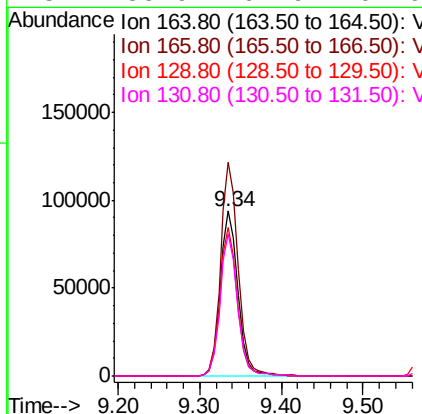
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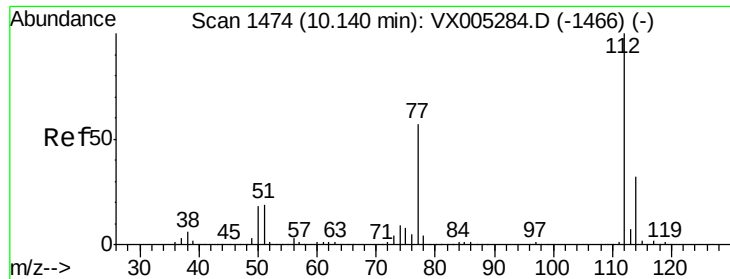
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#64
Tetrachloroethene
Concen: 48.118 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	141711		
166	129.5	102.8	154.2	
129	90.1	69.4	104.0	
131	85.9	67.9	101.9	





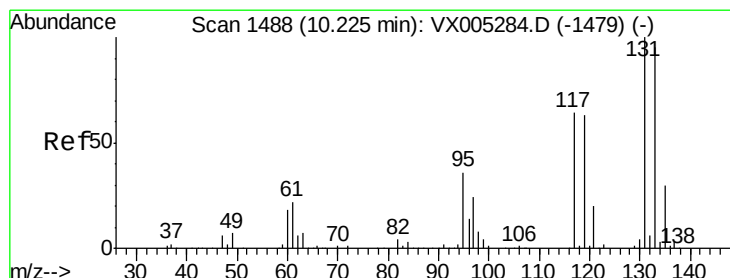
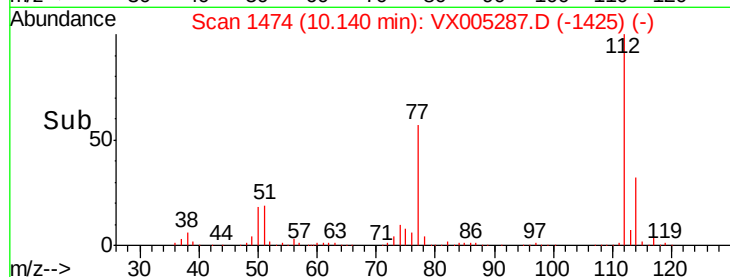
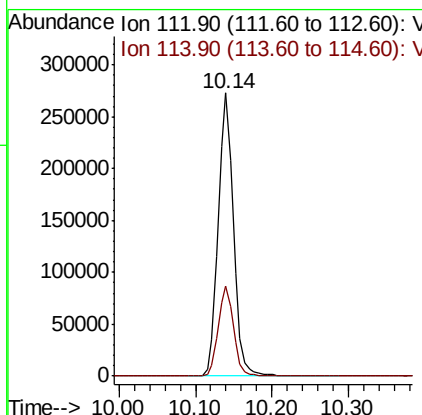
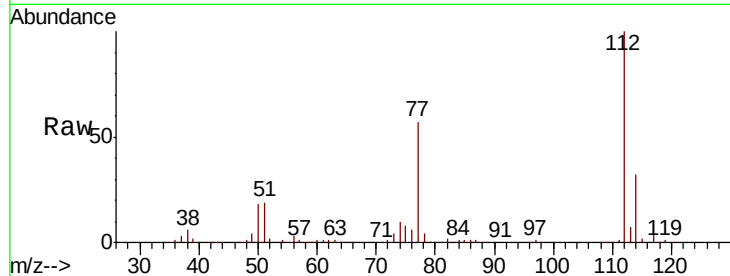
#65
Chlorobenzene
Concen: 48.430 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion:112 Resp: 376855
Ion Ratio Lower Upper
112 100
114 32.0 27.8 41.8

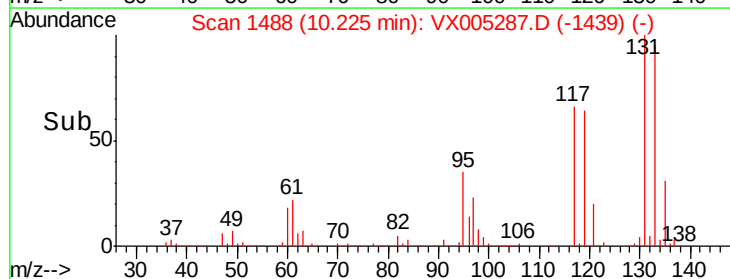
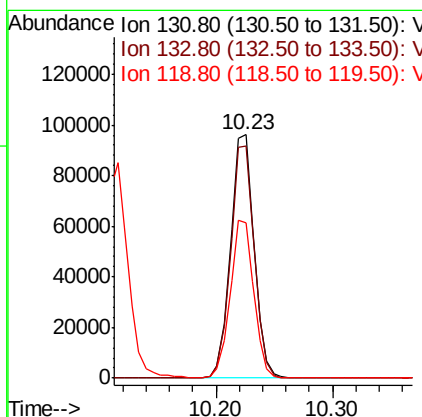
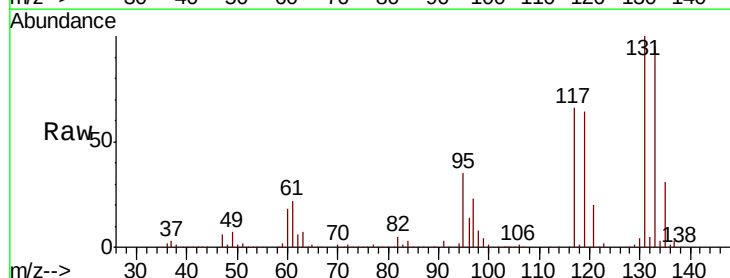
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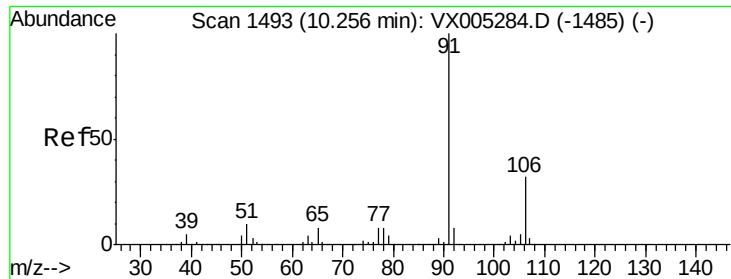
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.814 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion:131 Resp: 135362
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 64.6 32.9 98.6





#67

Ethyl Benzene

Concen: 51.147 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion: 91 Resp: 647014

Ion Ratio Lower Upper

91 100

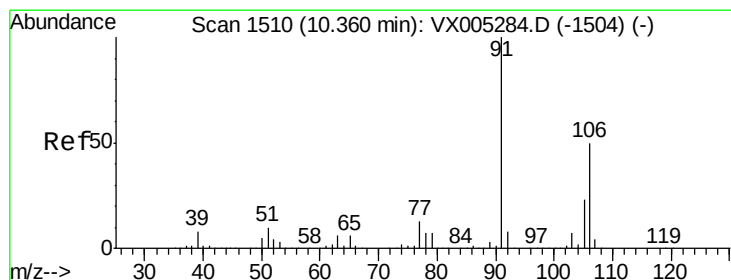
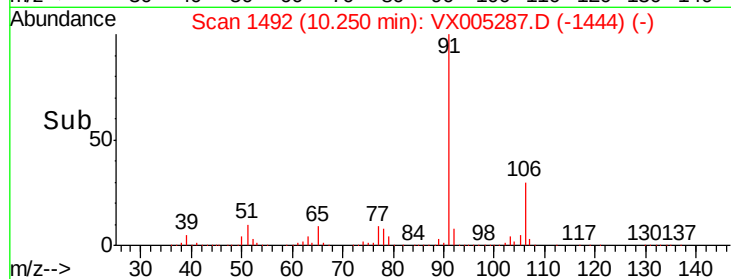
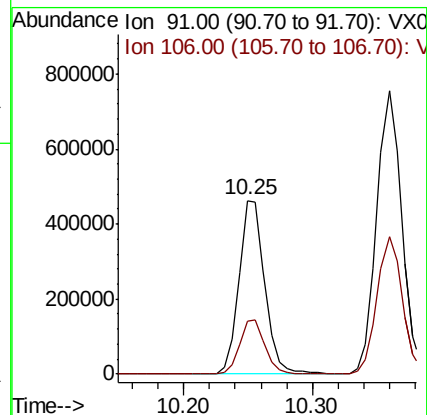
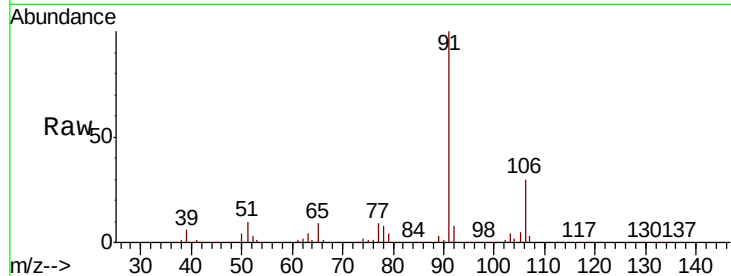
106 30.4 25.9 38.9

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#68

m/p-Xylenes

Concen: 102.665 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005287.D

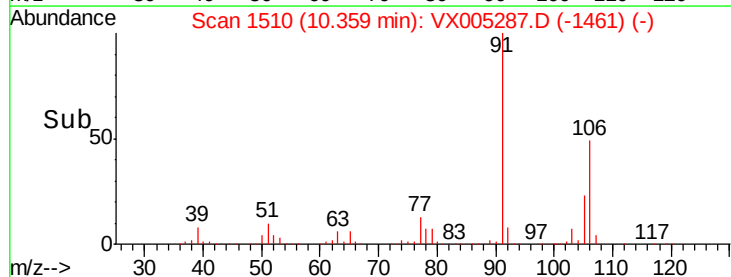
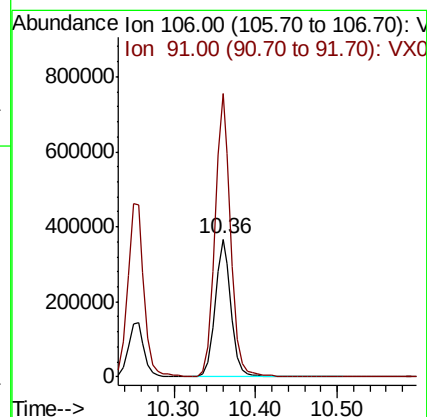
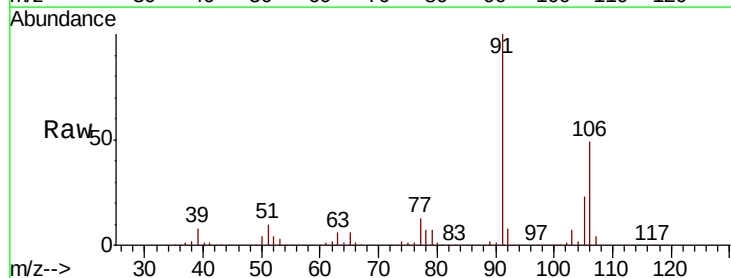
Acq: 12 Oct 2018 11:27

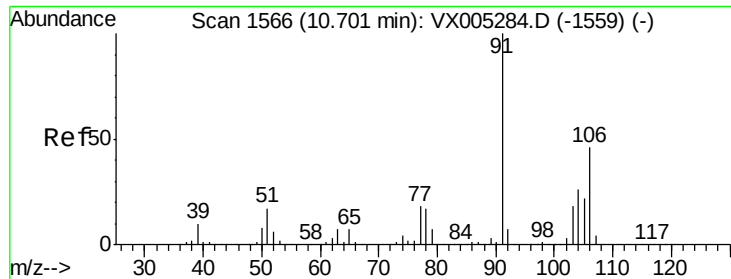
Tgt Ion: 106 Resp: 504078

Ion Ratio Lower Upper

106 100

91 204.1 157.1 235.7





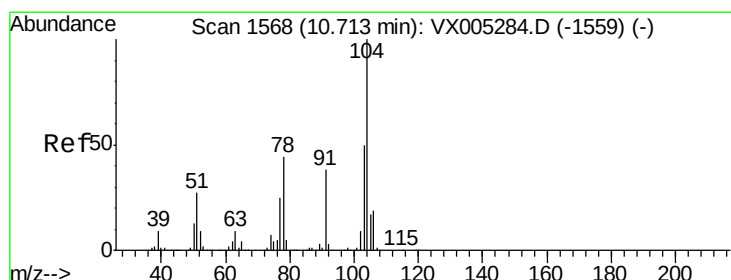
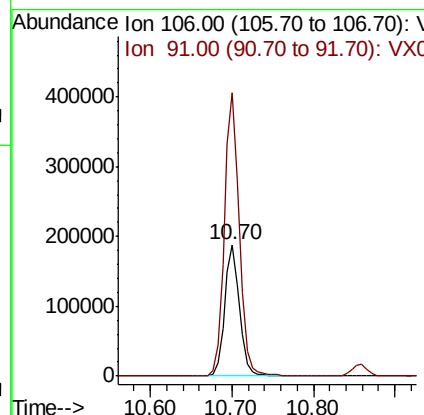
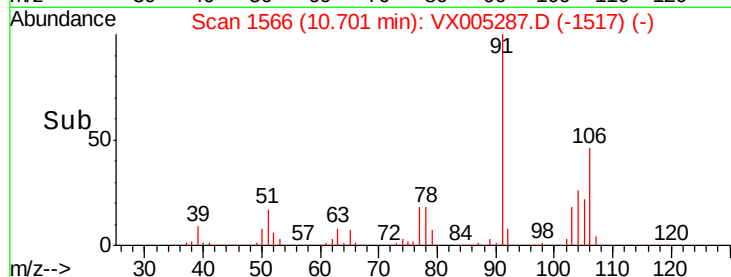
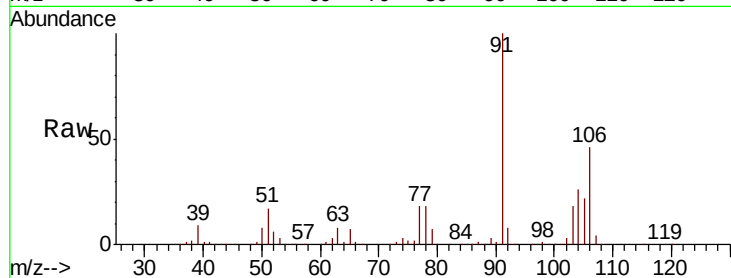
#69
o-Xylene
Concen: 50.389 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion:106 Resp: 238608
Ion Ratio Lower Upper
106 100
91 217.6 105.1 315.1

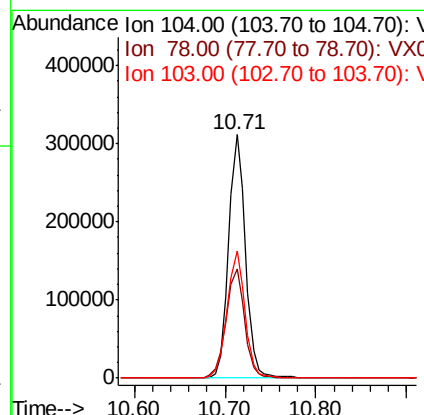
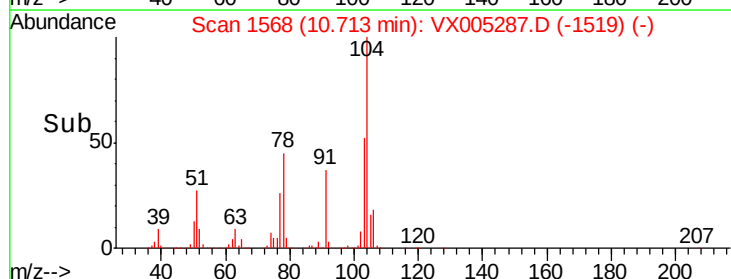
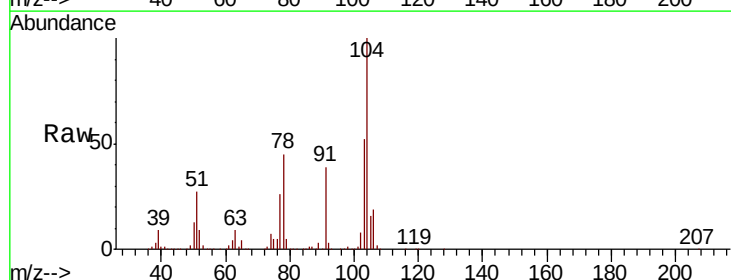
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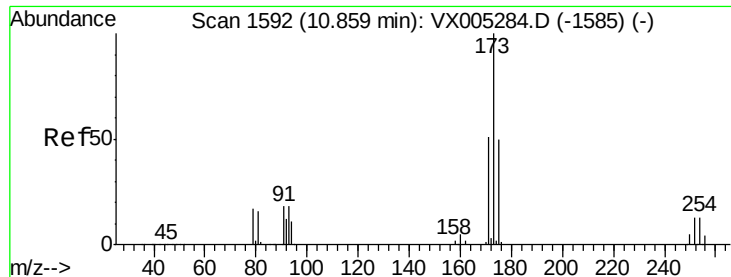
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#70
Styrene
Concen: 51.992 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion:104 Resp: 404945
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.7 43.8 65.6





#71

Bromoform

Concen: 49.415 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

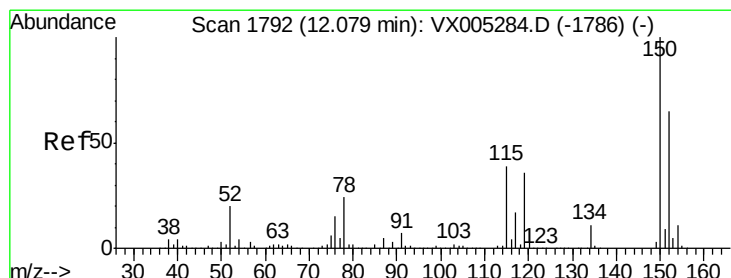
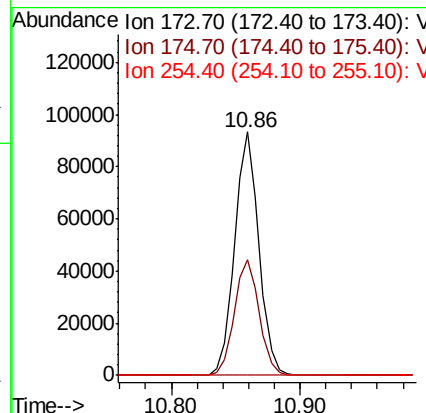
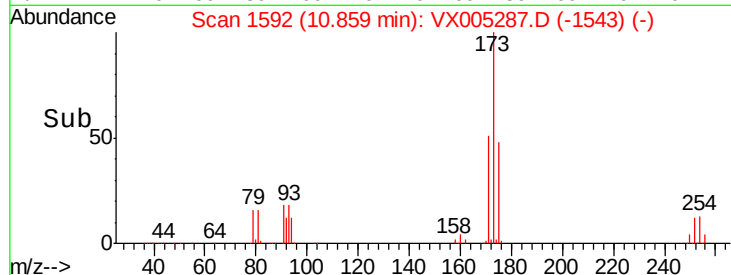
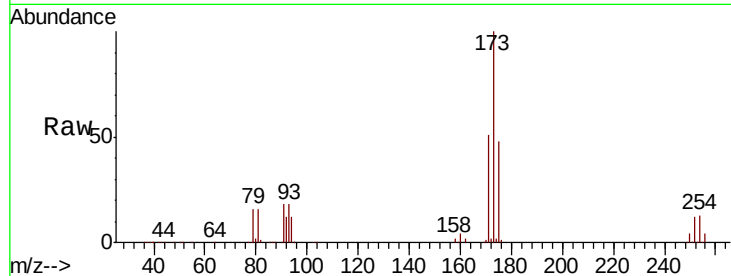
ClientSampleId :

ICVVX101218

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	122452		
175	48.6	24.1	72.3	
254	0.2	0.2	0.2	

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

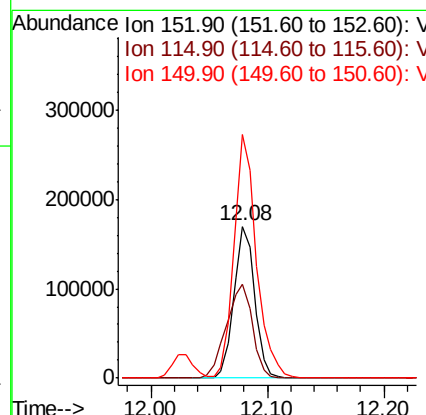
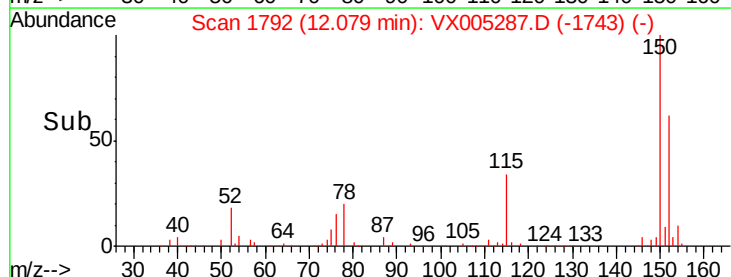
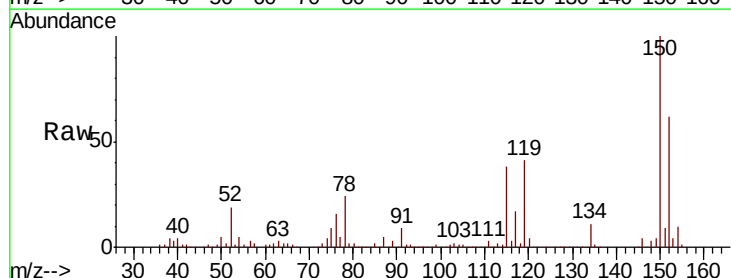
RT: 12.08 min Scan# 1792

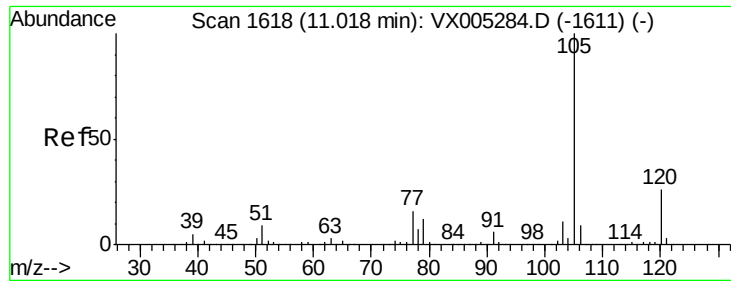
Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	210163		
115	77.6	39.0	117.0	
150	173.5	0.0	351.0	





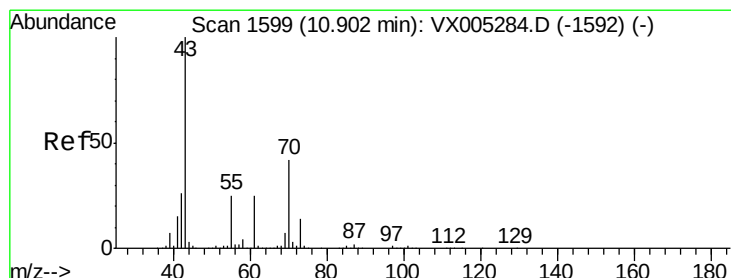
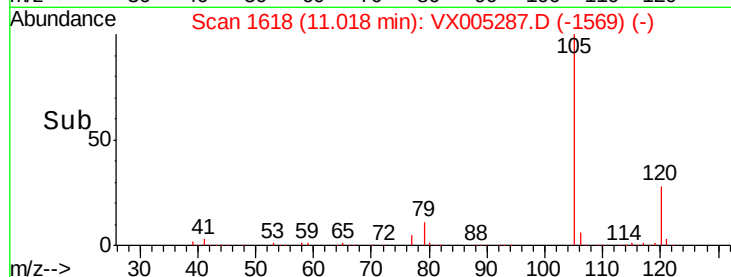
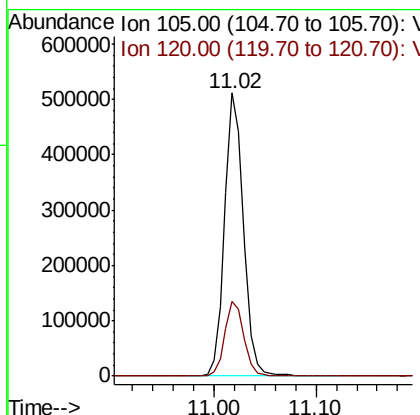
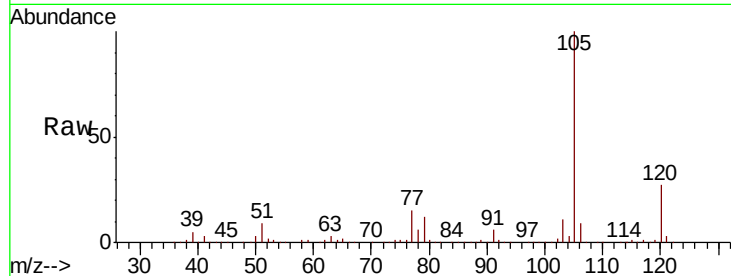
#73
Isopropylbenzene
Concen: 52.558 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion: 105 Resp: 656638
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

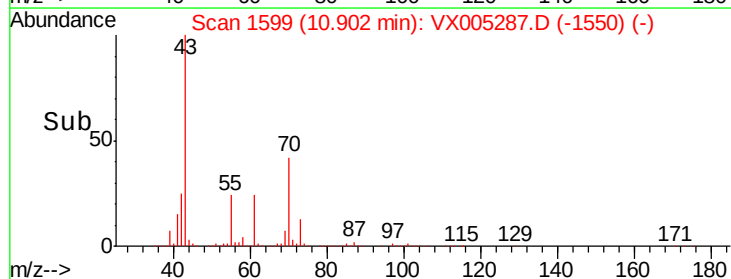
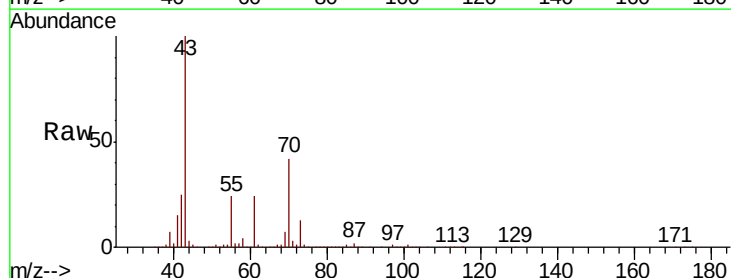
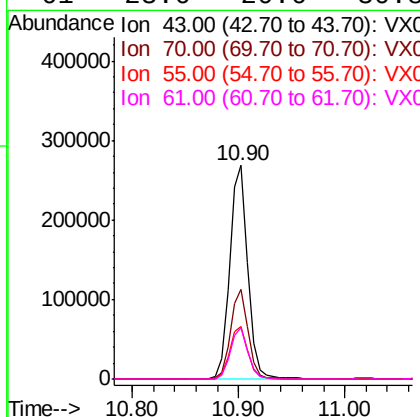
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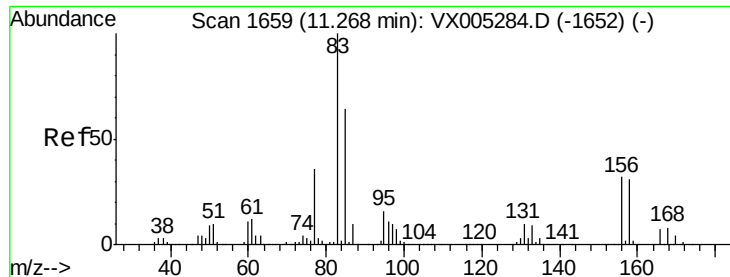
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#74
N-ethyl acetate
Concen: 52.635 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion: 43 Resp: 317170
Ion Ratio Lower Upper
43 100
70 41.1 37.4 56.0
55 25.1 21.8 32.8
61 23.6 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.540 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

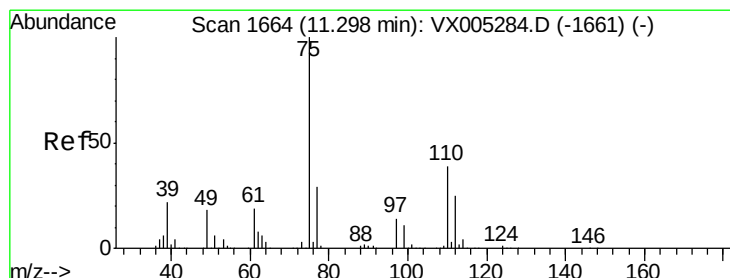
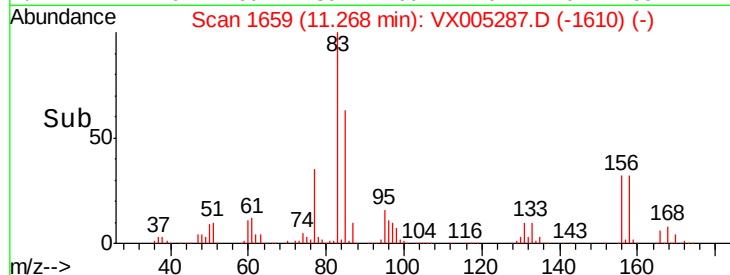
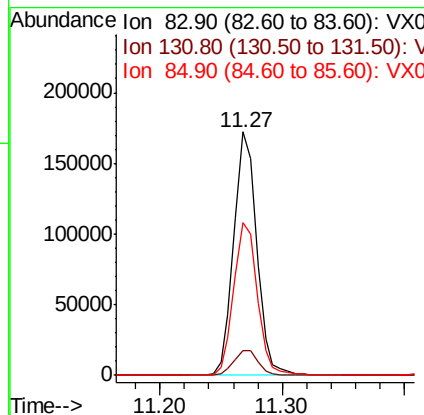
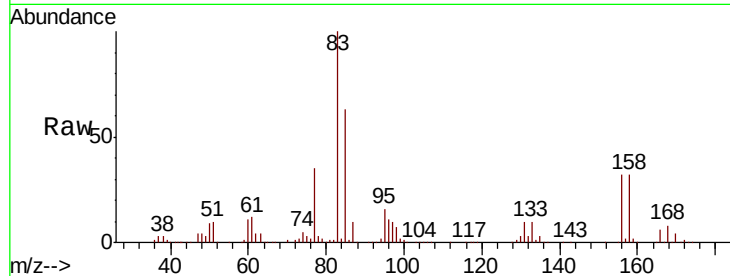
ClientSampleId :

ICVVX101218

Tgt Ion:	83	Resp:	224055
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.2	15.6
85	64.7	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 49.446 ug/l m

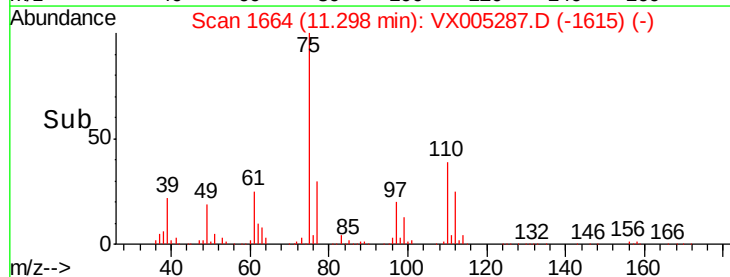
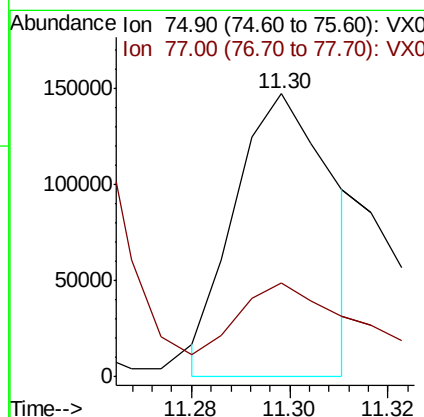
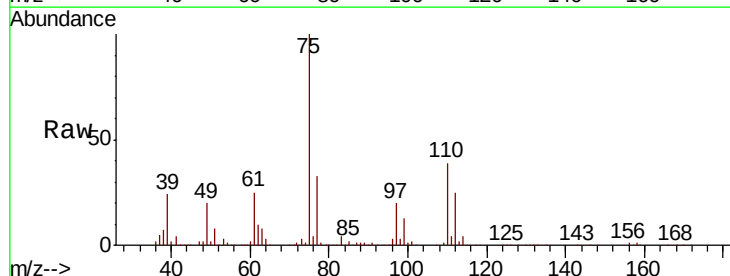
RT: 11.30 min Scan# 1664

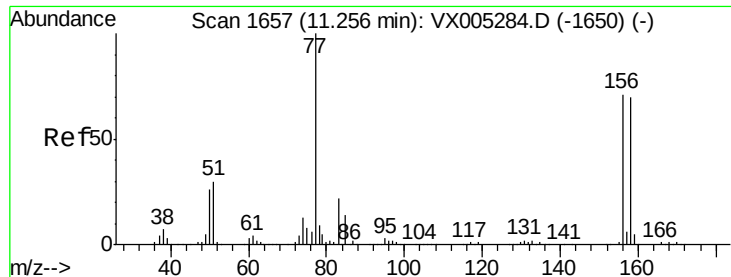
Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion:	75	Resp:	201568
Ion	Ratio	Lower	Upper
75	100		
77	43.0	20.2	60.6





#77

Bromobenzene

Concen: 49.525 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

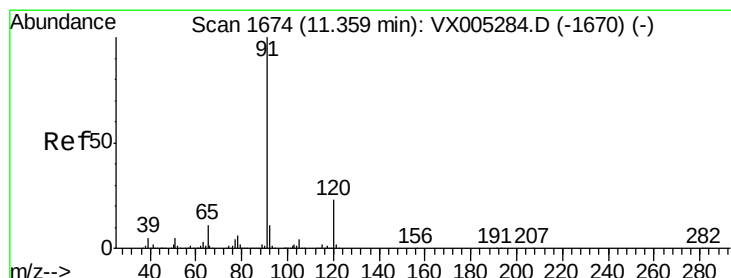
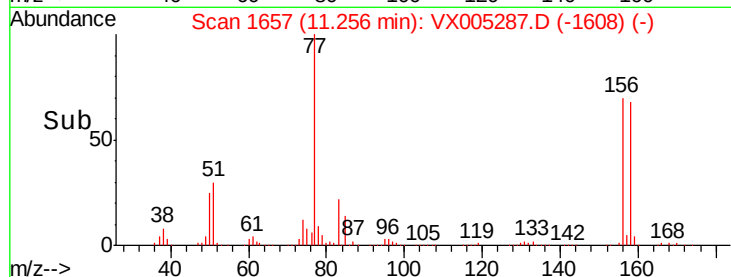
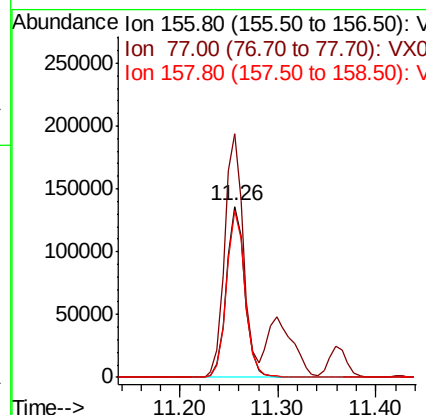
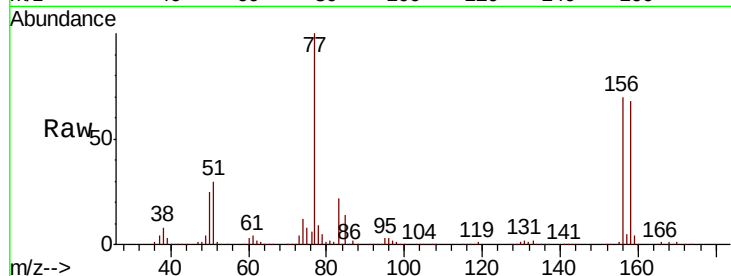
ClientSampleId :

ICVVX101218

Tgt Ion:	156	Resp:	176916
Ion Ratio	Lower	Upper	
156	100		
77	144.5	71.5	214.3
158	98.3	48.9	146.8

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#78

n-propylbenzene

Concen: 53.300 ug/l

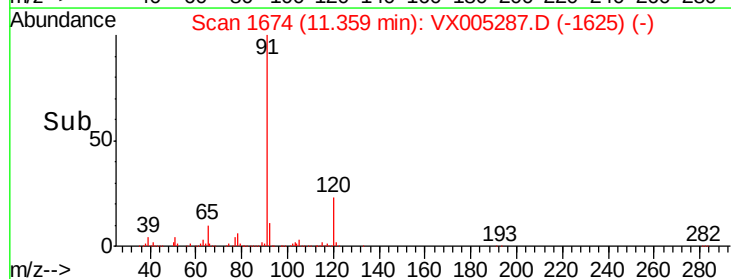
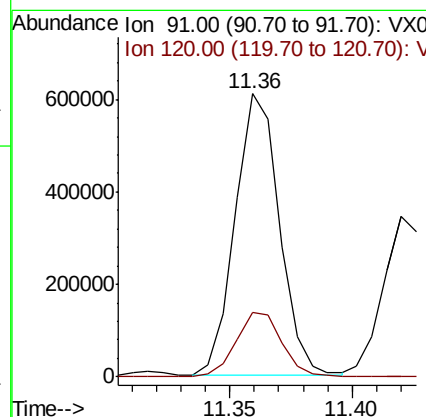
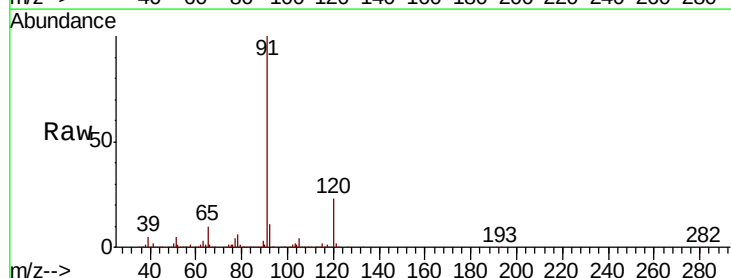
RT: 11.36 min Scan# 1674

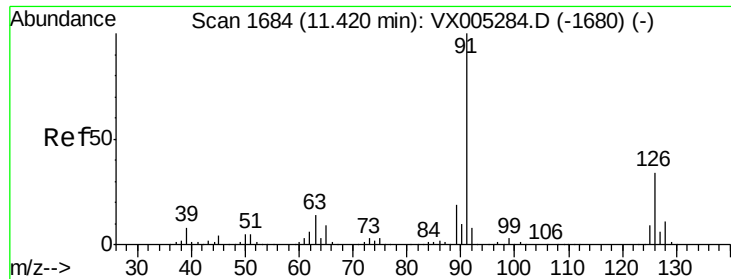
Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion:	91	Resp:	766284
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9





#79

2-Chlorotoluene

Concen: 51.032 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion: 91 Resp: 449333

Ion Ratio Lower Upper

91 100

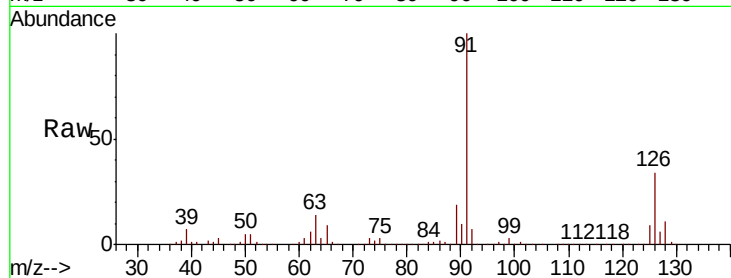
126 35.2 17.9 53.7

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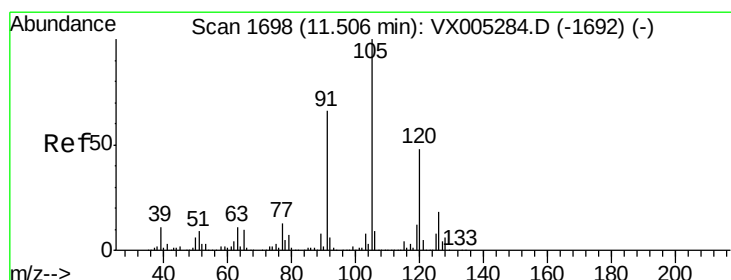
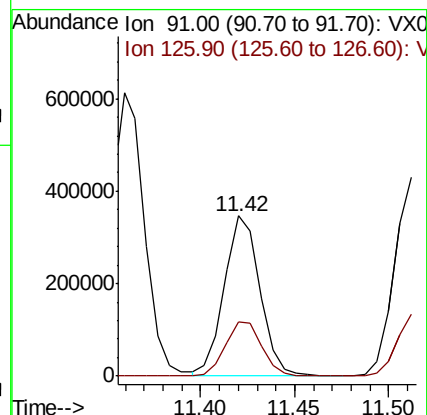
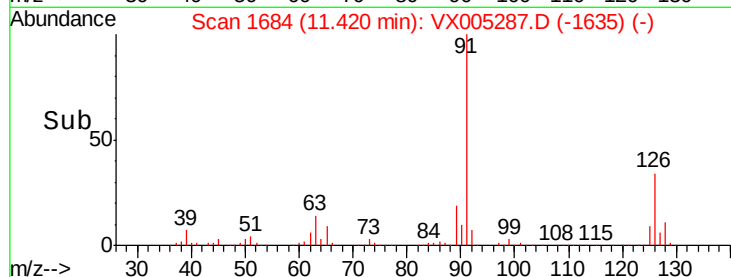
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX005284.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.146 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005287.D

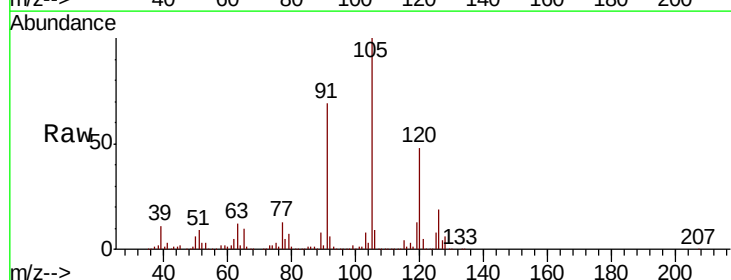
Acq: 12 Oct 2018 11:27

Tgt Ion: 105 Resp: 568597

Ion Ratio Lower Upper

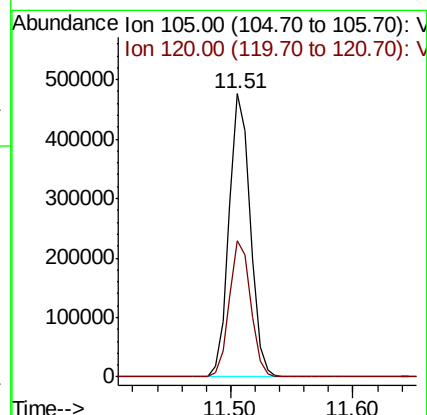
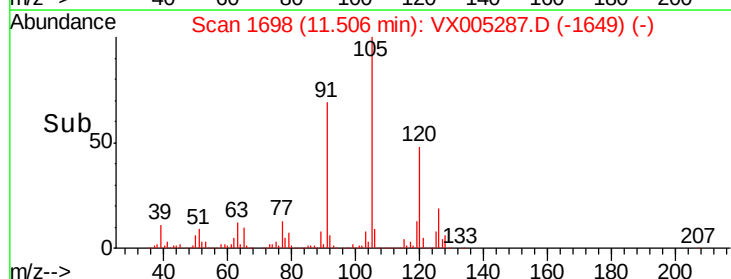
105 100

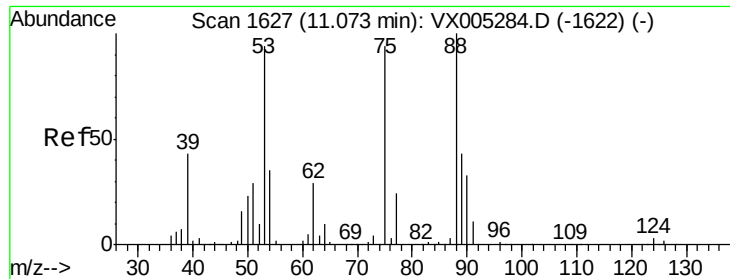
120 48.8 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX005284.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005284.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.520 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

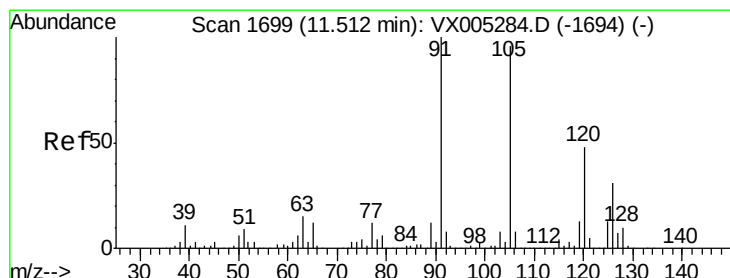
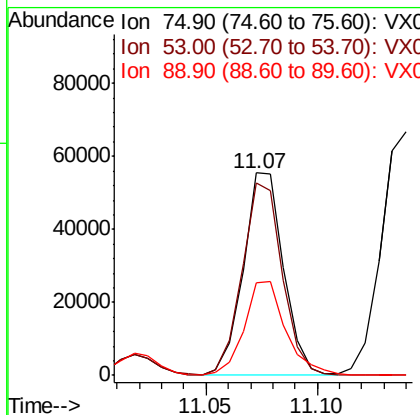
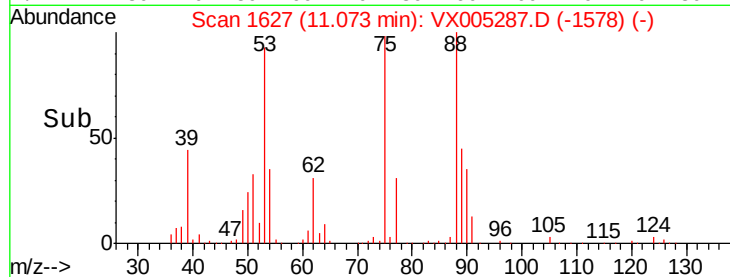
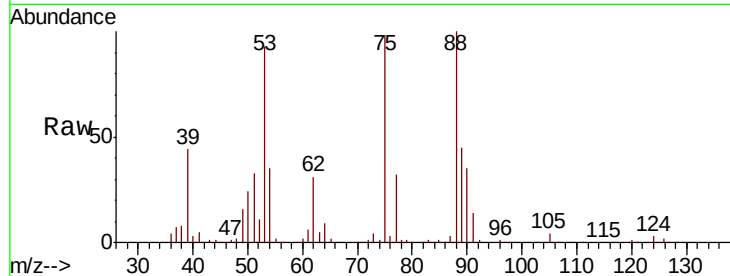
ClientSampleId :

ICVVX101218

Tgt Ion:	75	Resp:	69121
Ion Ratio	Lower	Upper	
75	100		
53	96.5	80.1	120.1
89	49.1	37.2	55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.495 ug/l

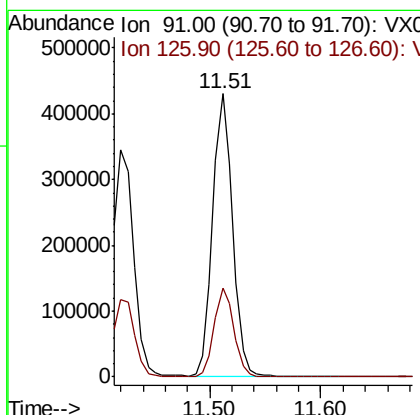
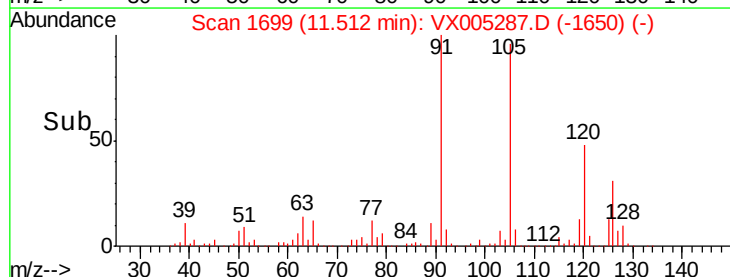
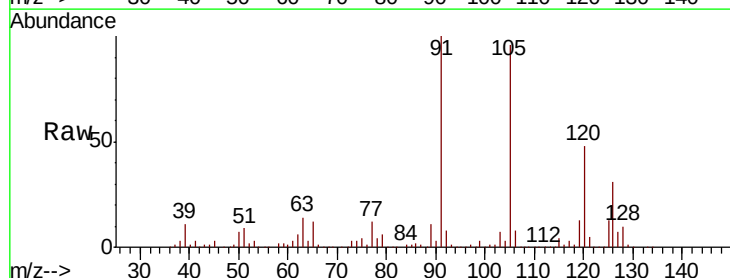
RT: 11.51 min Scan# 1699

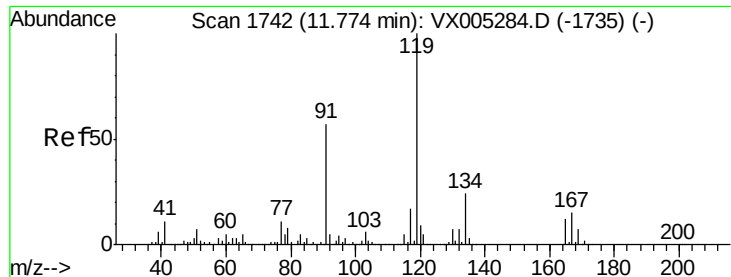
Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion:	91	Resp:	537477
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.5	46.5





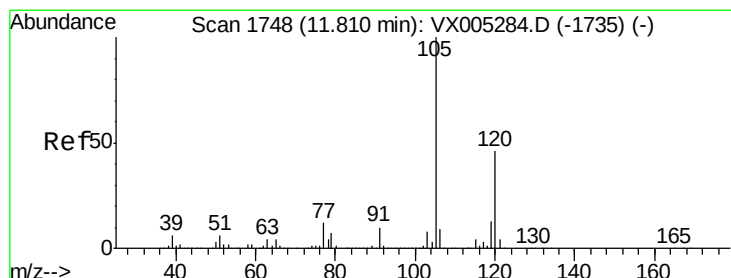
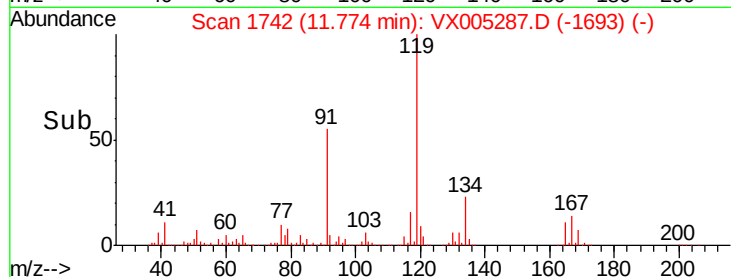
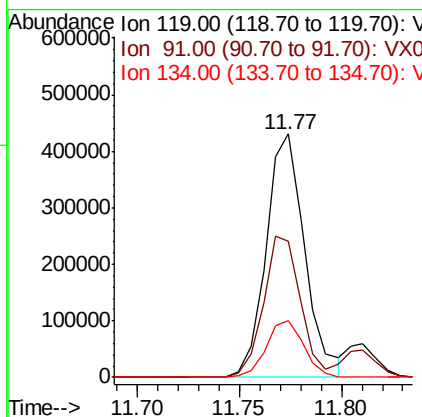
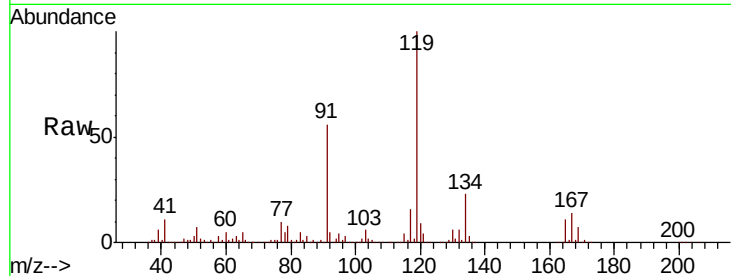
#83
 tert-Butylbenzene
 Concen: 52.325 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	566895		
91	55.6	27.0	81.0	
134	22.7	11.7	35.1	

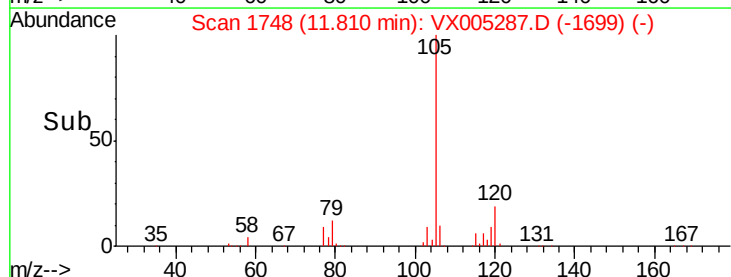
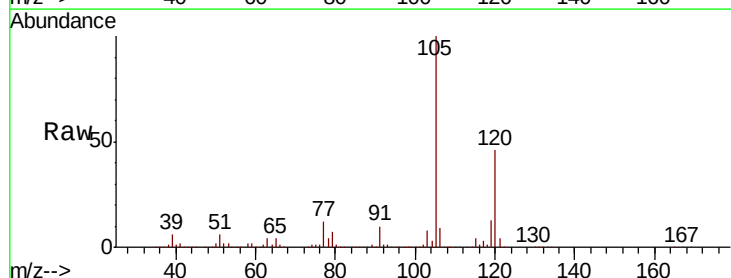
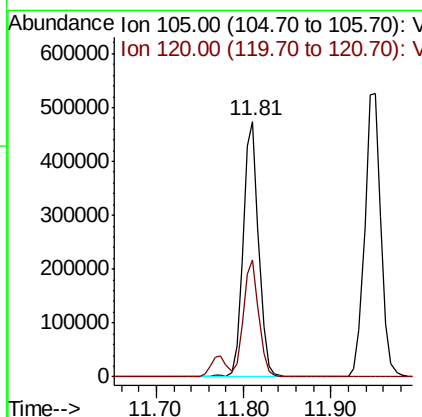
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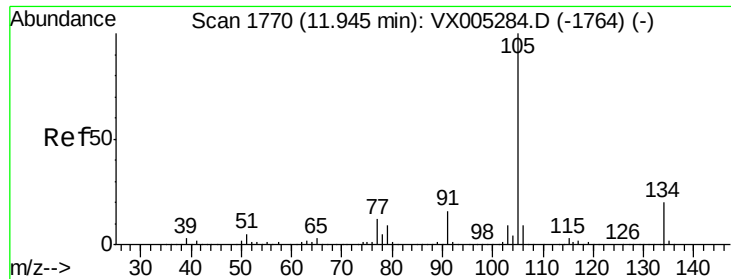
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.112 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	584770		
120	45.1	23.2	69.6	





#85

sec-Butylbenzene

Concen: 53.142 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

Tgt Ion:105 Resp: 681357

Ion Ratio Lower Upper

105 100

134 20.5

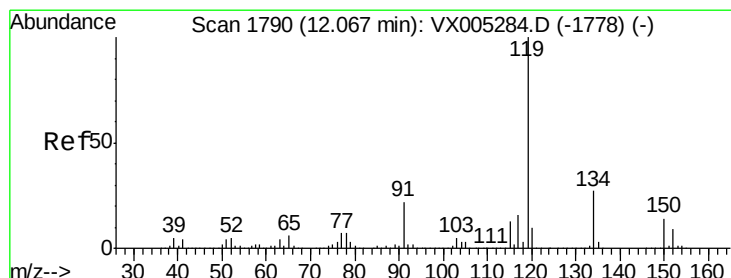
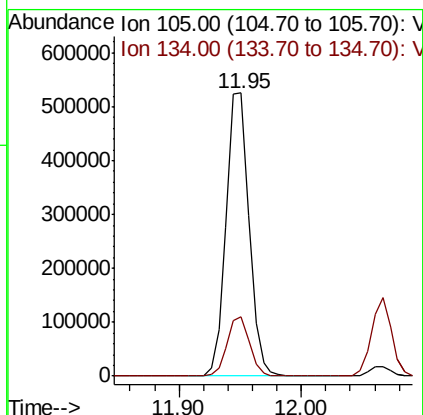
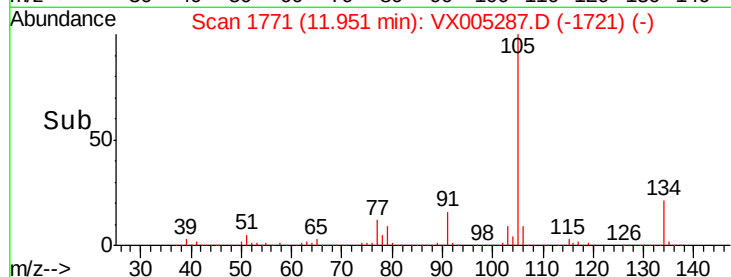
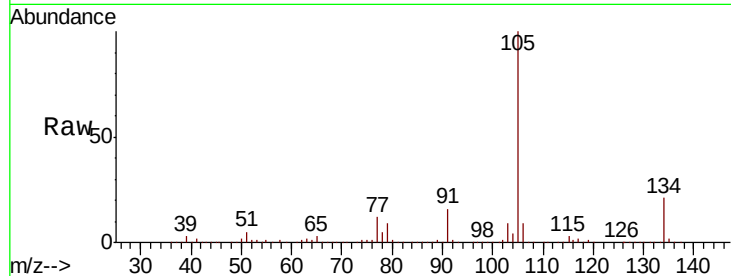
10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.255 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion:119 Resp: 628737

Ion Ratio Lower Upper

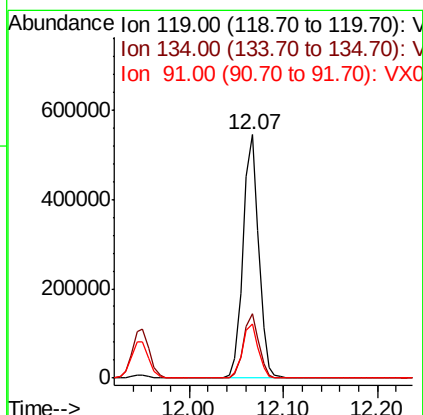
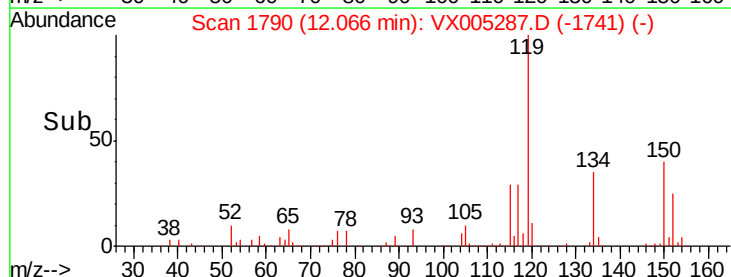
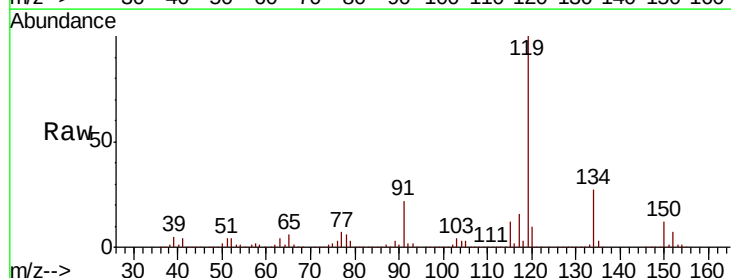
119 100

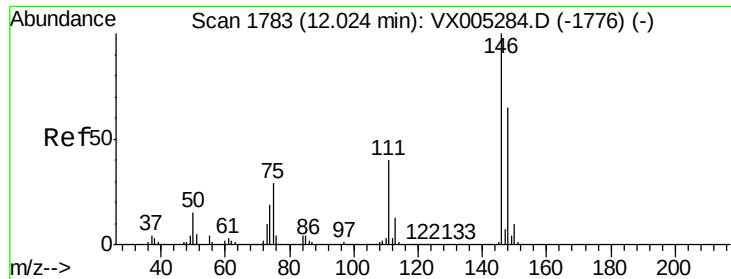
134 26.3

91 22.6

13.4 40.2

10.9 32.7





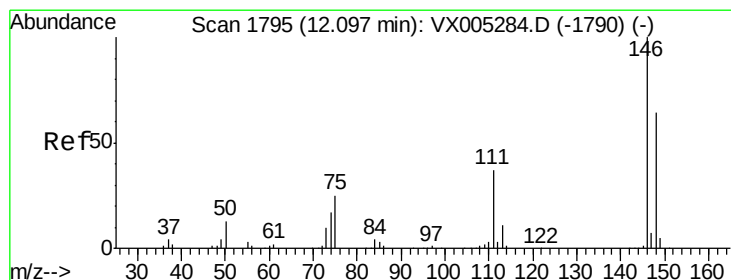
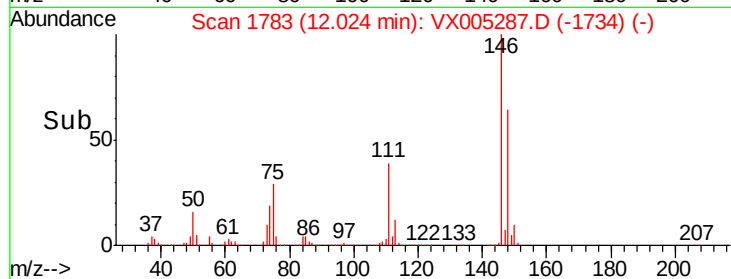
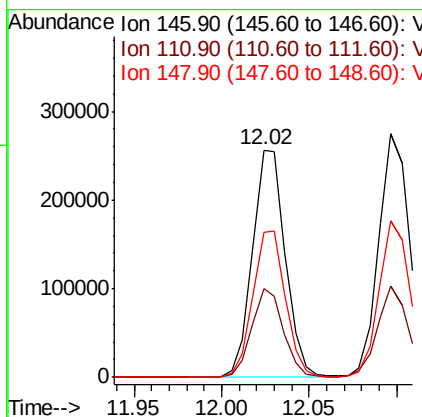
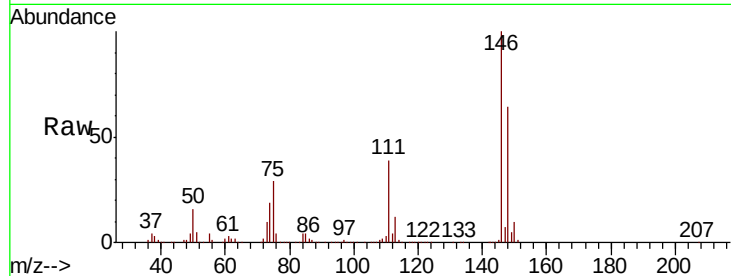
#87
 1,3-Dichlorobenzene
 Concen: 50.205 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	64.1	32.1	96.5

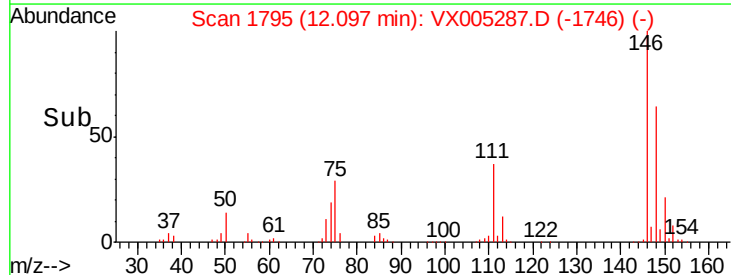
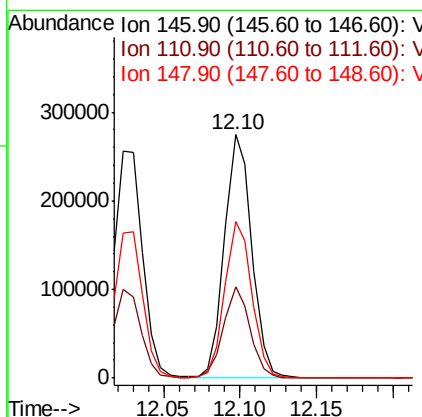
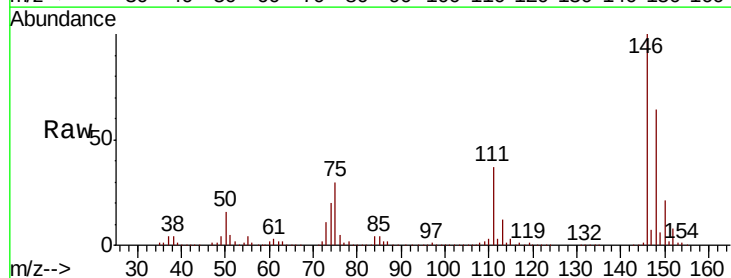
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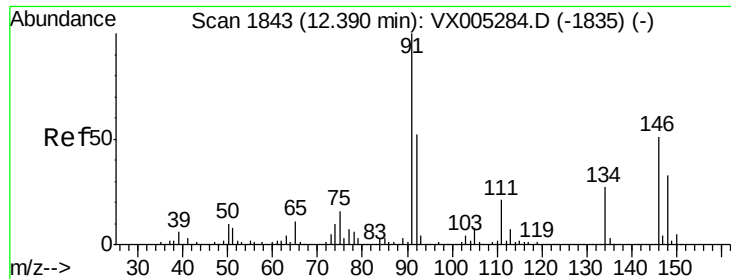
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#88
 1,4-Dichlorobenzene
 Concen: 49.842 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	64.0	32.0	96.0





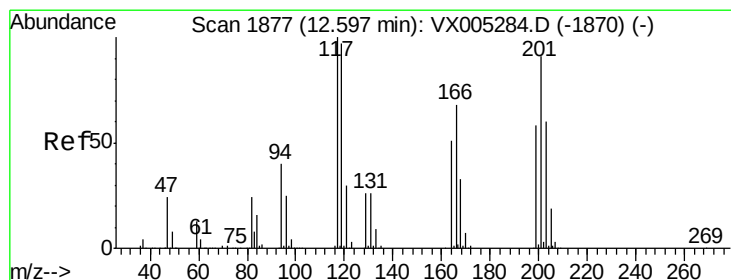
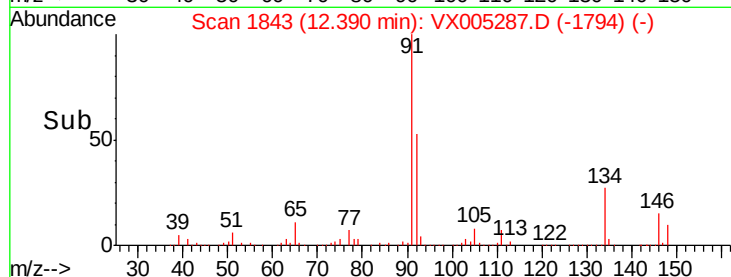
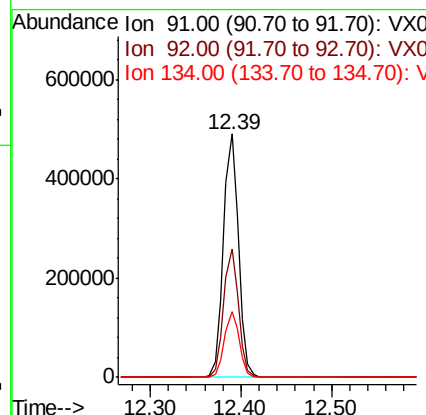
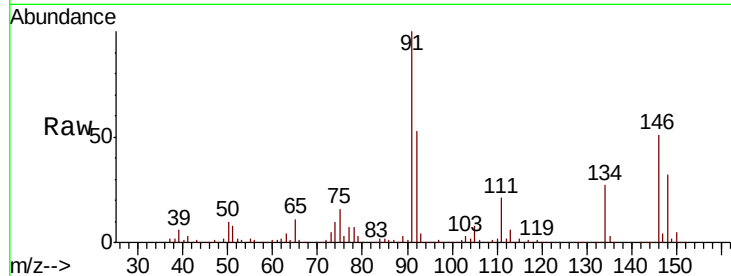
#89
n-Butylbenzene
Concen: 54.286 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.3	81.9
134	26.5	13.6	40.7

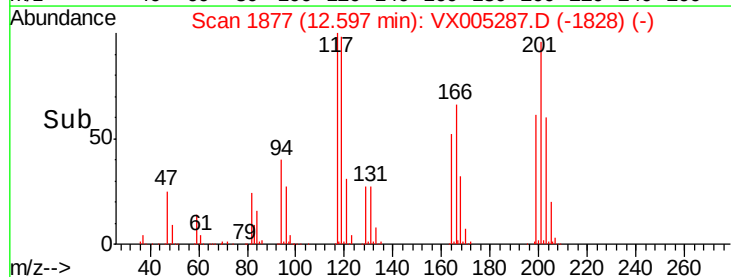
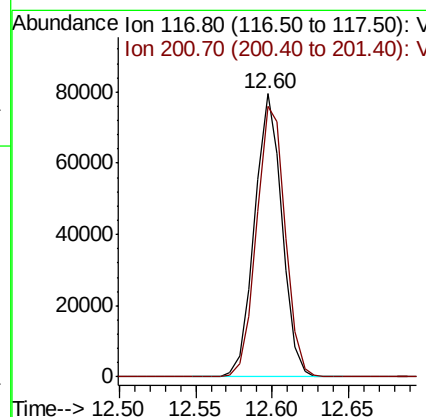
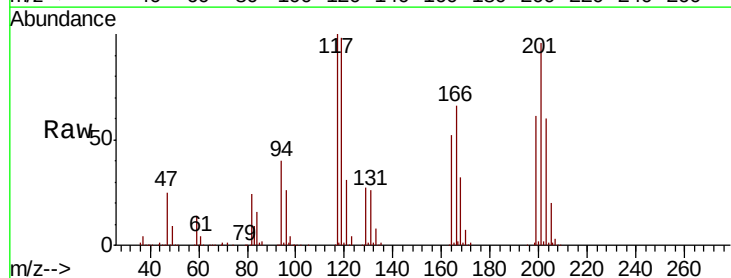
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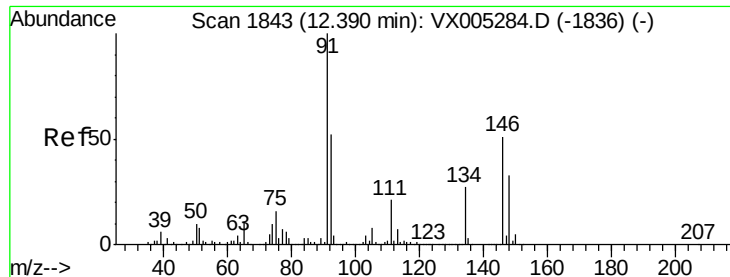
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#90
Hexachloroethane
Concen: 49.326 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.1	46.9	140.6





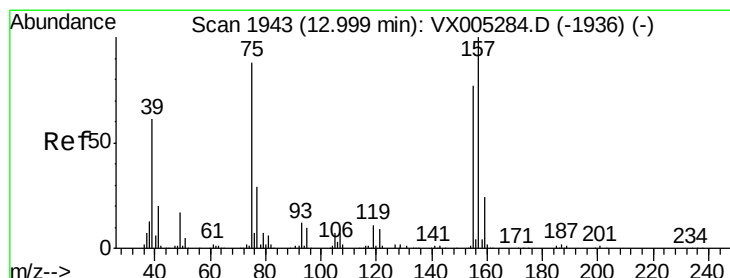
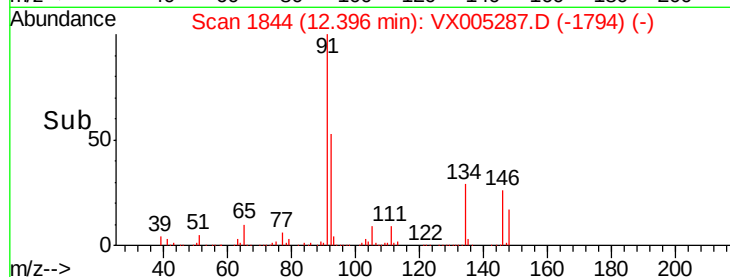
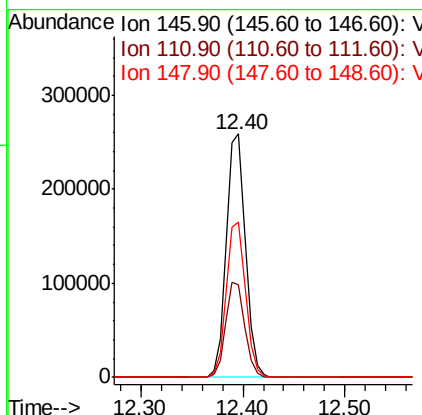
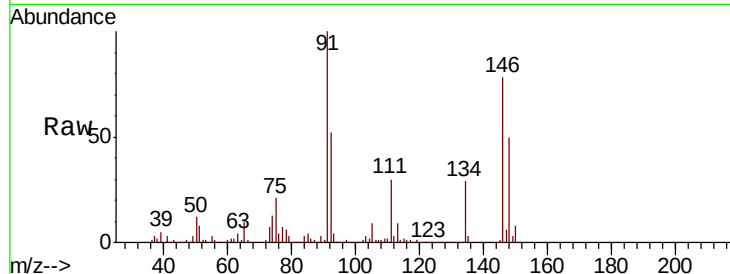
#91
 1,2-Dichlorobenzene
 Concen: 49.087 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.1
148	64.1	32.8	98.3

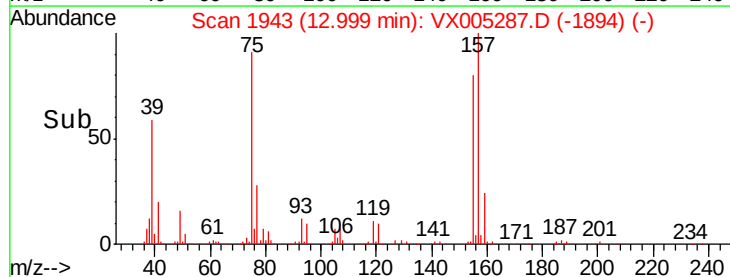
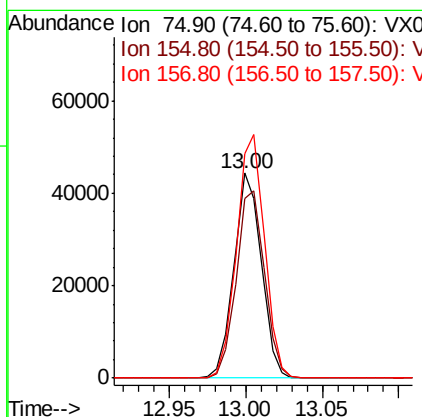
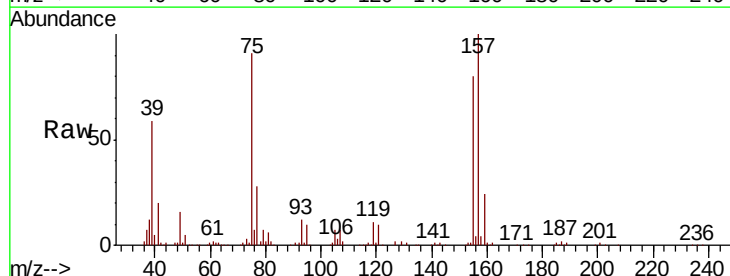
Manual Integrations
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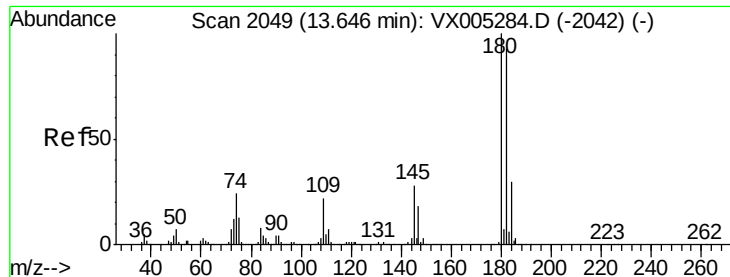
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 10/17/2018 9:04:44 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.915 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	48.0	144.2
157	120.9	61.4	184.1





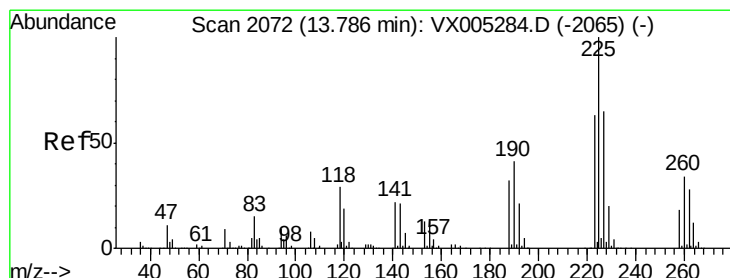
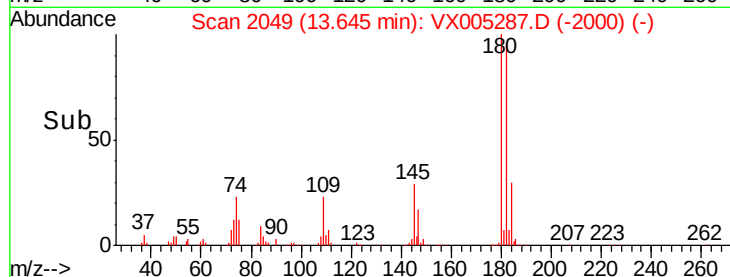
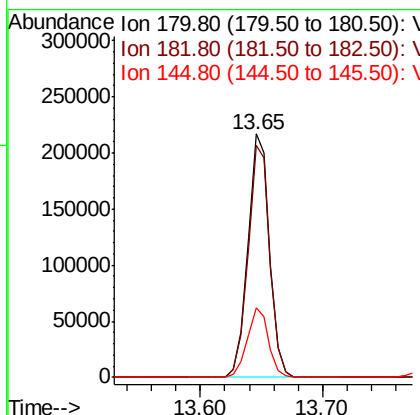
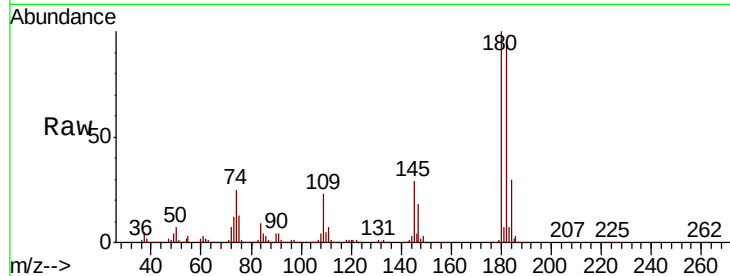
#93
 1,2,4-Trichlorobenzene
 Concen: 53.044 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	265094		
182	95.8	48.4	145.0	
145	28.1	14.3	42.9	

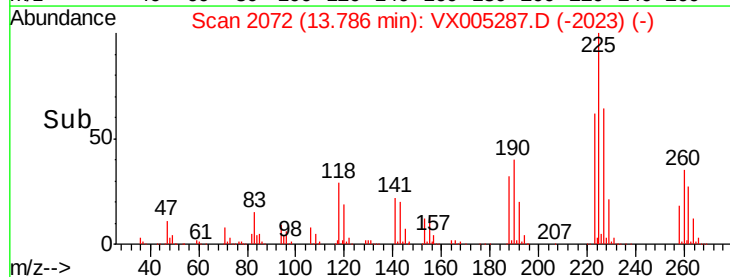
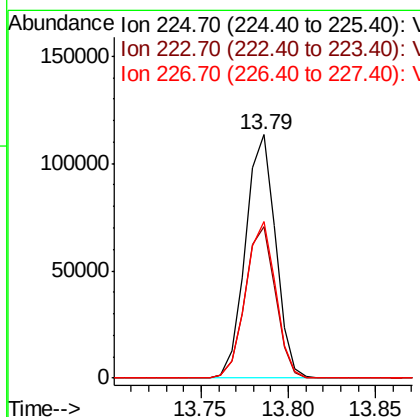
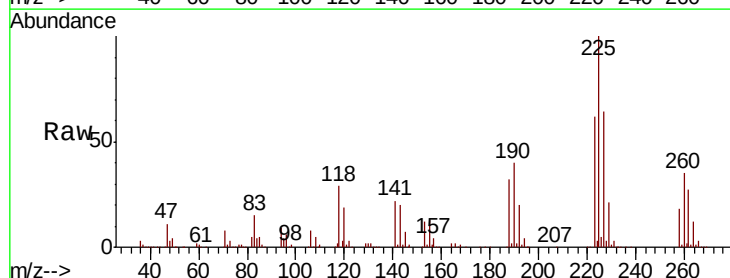
Manual Integrations
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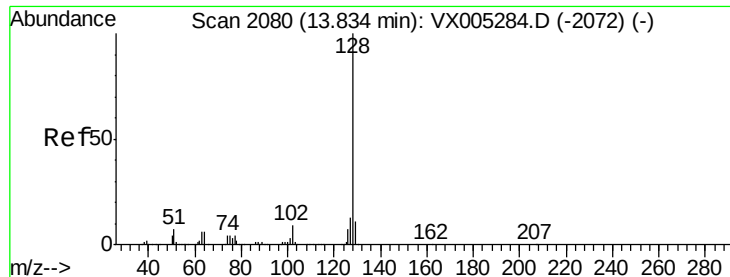
MMDadoda
 10/17/2018 9:04:44 AM



#94
 Hexachlorobutadiene
 Concen: 51.615 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	136238		
223	62.6	30.1	90.5	
227	64.2	30.8	92.4	





#95

Naphthalene

Concen: 54.586 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

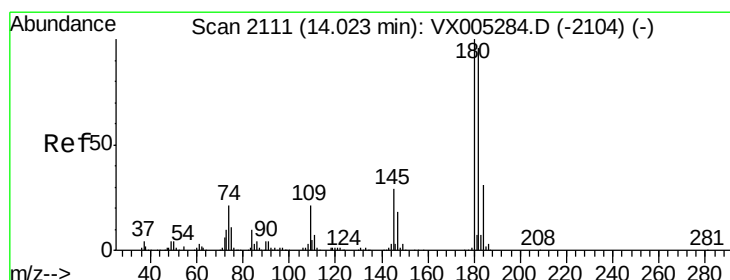
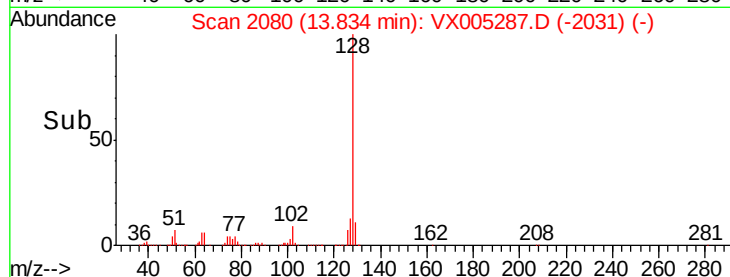
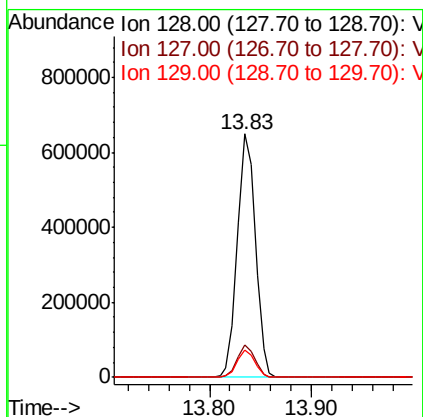
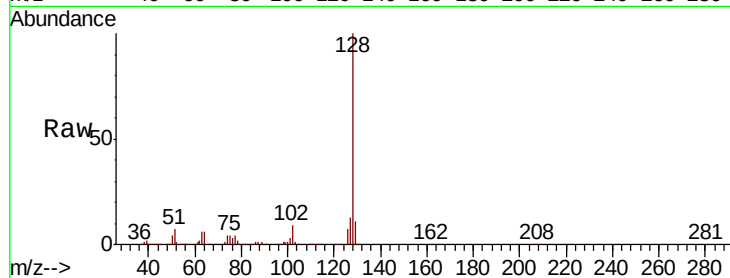
ClientSampleId :

ICVVX101218

Tgt Ion:	128	Resp:	791154
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:04:44 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.010 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion:	180	Resp:	265957
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.5	145.6
145	29.4	14.9	44.9

