

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005538.D
 Acq On : 24 Oct 2018 13:18
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:24 AM

Quant Time: Oct 25 05:07:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176172	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	137796	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
35) Dibromofluoromethane	5.50	113	109434	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
50) Toluene-d8	8.72	98	408920	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	154893	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	94899	40.806	ug/l	96
3) Chloromethane	1.32	50	128593	43.419	ug/l	98
4) Vinyl Chloride	1.40	62	130114	44.679	ug/l	100
5) Bromomethane	1.64	94	90848	50.134	ug/l	99
6) Chloroethane	1.71	64	81353	43.729	ug/l	93
7) Trichlorofluoromethane	1.92	101	188540	46.593	ug/l	99
8) Diethyl Ether	2.18	74	79965	49.518	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106576	45.904	ug/l	96
10) Methyl Iodide	2.51	142	104295	43.393	ug/l	99
11) Tert butyl alcohol	3.08	59	198473	256.439	ug/l	100
12) 1,1-Dichloroethene	2.37	96	106513	48.159	ug/l	92
13) Acrolein	2.29	56	100962	255.728	ug/l	95
14) Allyl chloride	2.73	41	237900	48.196	ug/l	97
15) Acrylonitrile	3.15	53	420546	242.318	ug/l	97
16) Acetone	2.45	43	373964	246.063	ug/l	94
17) Carbon Disulfide	2.57	76	326632	48.447	ug/l	97
18) Methyl Acetate	2.78	43	206225	55.076	ug/l #	90
19) Methyl tert-butyl Ether	3.20	73	382545	48.488	ug/l	97
20) Methylene Chloride	2.85	84	119401	46.909	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	110921	45.933	ug/l	93
22) Diisopropyl ether	3.86	45	417305	48.412	ug/l #	79
23) Vinyl Acetate	3.82	43	1833735	241.548	ug/l	96
24) 1,1-Dichloroethane	3.69	63	218490	46.621	ug/l	99
25) 2-Butanone	4.70	43	579830	250.539	ug/l	93
26) 2,2-Dichloropropane	4.59	77	182643	50.480	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	124032	47.642	ug/l	92
28) Bromochloromethane	5.01	49	110144	48.593	ug/l	90
29) Tetrahydrofuran	5.17	42	379762	252.147	ug/l	91
30) Chloroform	5.21	83	210129	47.934	ug/l	99
31) Cyclohexane	5.57	56	194166	50.074	ug/l #	94
32) 1,1,1-Trichloroethane	5.49	97	188861	48.812	ug/l	99
36) 1,1-Dichloropropene	5.79	75	158252	48.093	ug/l	99
37) Ethyl Acetate	4.85	43	210699	50.179	ug/l	97
38) Carbon Tetrachloride	5.78	117	161191	46.511	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	186609	51.358	ug/l	96
40) Benzene	6.14	78	465084	49.306	ug/l	99
41) Methacrylonitrile	5.06	41	118882	50.827	ug/l	97
42) 1,2-Dichloroethane	6.20	62	171929	47.980	ug/l	95
43) Isopropyl Acetate	6.46	43	315612	50.159	ug/l	97
44) Trichloroethene	7.21	130	124132	48.306	ug/l	93
45) 1,2-Dichloropropane	7.51	63	121005	47.715	ug/l	99
46) Dibromomethane	7.66	93	79954	48.815	ug/l	97
47) Bromodichloromethane	7.90	83	153491	48.284	ug/l	99
48) Methyl methacrylate	7.77	41	159035	51.882	ug/l	93
49) 1,4-Dioxane	7.76	88	69342	1035.147	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1077568	254.819	ug/l	94
52) Toluene	8.79	92	285906	49.873	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	178958	52.088	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	191842	51.864	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116167	48.064	ug/l	97
56) Ethyl methacrylate	9.18	69	192204	53.315	ug/l	93
57) 1,3-Dichloropropane	9.37	76	197055	48.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	528157	262.313	ug/l	93
59) 2-Hexanone	9.50	43	874910	262.408	ug/l	92
60) Dibromochloromethane	9.59	129	126798	50.283	ug/l	100
61) 1,2-Dibromoethane	9.67	107	123937	49.566	ug/l	100
64) Tetrachloroethene	9.34	164	122954	47.979	ug/l	98
65) Chlorobenzene	10.14	112	321887	48.966	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	118798	49.562	ug/l	98
67) Ethyl Benzene	10.25	91	560227	51.798	ug/l	97
68) m/p-Xylenes	10.36	106	430804	102.667	ug/l	93
69) o-Xylene	10.70	106	210099	53.219	ug/l	96
70) Styrene	10.71	104	349814	52.932	ug/l	96
71) Bromoform	10.86	173	107097	50.071	ug/l	99
73) Isopropylbenzene	11.02	105	571796	53.096	ug/l	99
74) N-amyl acetate	10.90	43	290356	54.413	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	196241	49.393	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	186003m	51.835	ug/l	
77) Bromobenzene	11.26	156	151545	50.494	ug/l	97
78) n-propylbenzene	11.36	91	661780	53.742	ug/l	99
79) 2-Chlorotoluene	11.42	91	390338	51.124	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	491518	53.354	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	61296	53.658	ug/l	97
82) 4-Chlorotoluene	11.51	91	468112	51.995	ug/l	99
83) tert-Butylbenzene	11.77	119	488081	53.151	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	507700	54.377	ug/l	97
85) sec-Butylbenzene	11.94	105	585087	53.396	ug/l	99
86) p-Isopropyltoluene	12.07	119	531520	54.262	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	282967	50.138	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288086	48.802	ug/l	98
89) n-Butylbenzene	12.39	91	480525	54.339	ug/l	97
90) Hexachloroethane	12.60	117	87434	51.753	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	284227	49.777	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49179	51.194	ug/l	95

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ICVVX102418

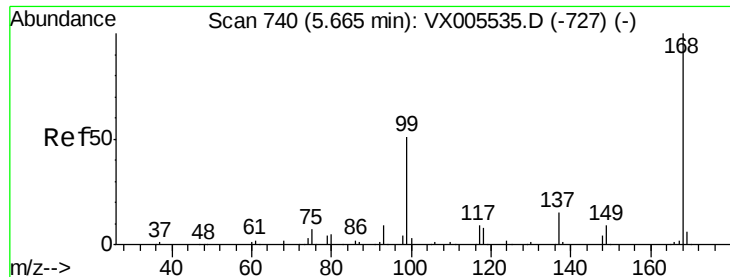
Manual Integrations
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10/26/2018 11:53:24 AM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	218443	52.775	ug/l	99
94) Hexachlorobutadiene	13.79	225	106872	49.824	ug/l	97
95) Naphthalene	13.83	128	670200	55.703	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	218936	52.180	ug/l	99

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



#1

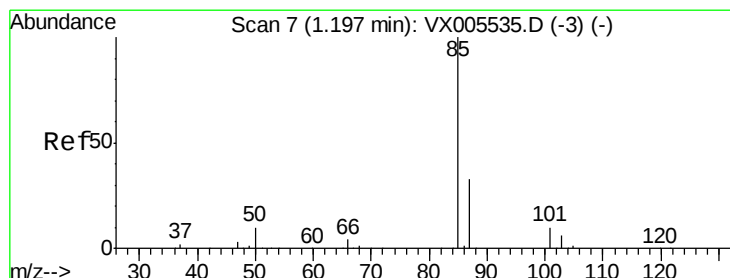
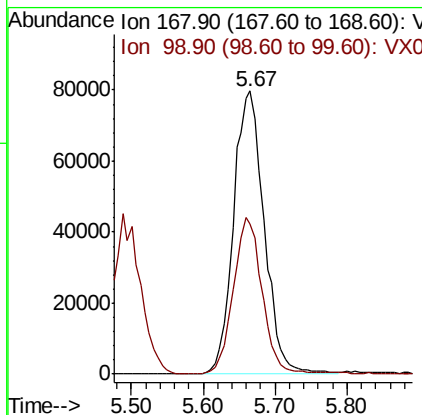
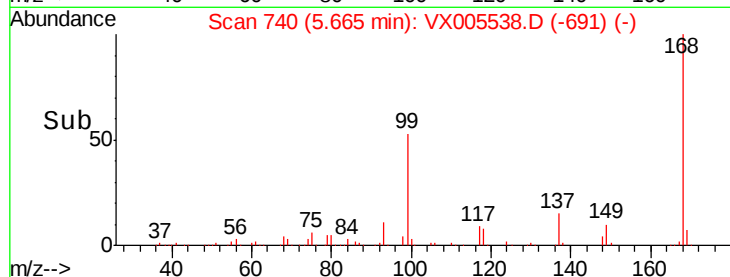
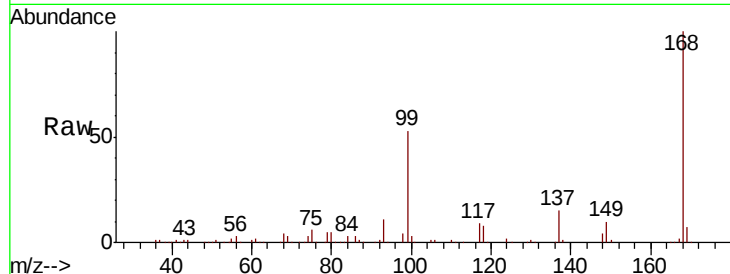
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion	Ratio	Resp	Lower	Upper
168	100	235615		
99	52.9	39.9	59.9	

Manual Integrations
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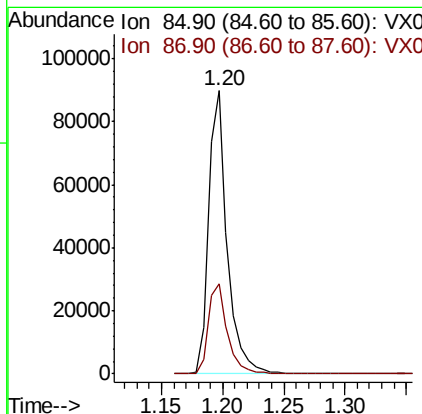
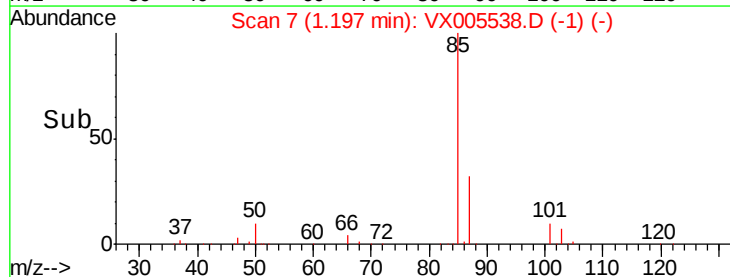
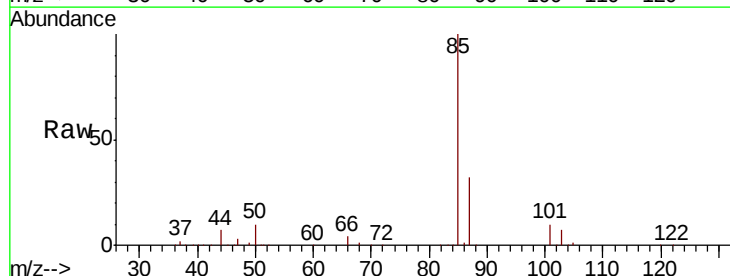
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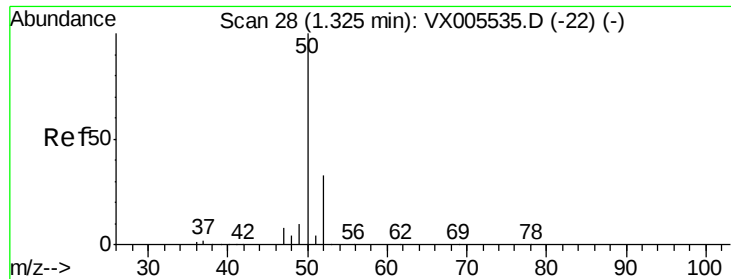


#2

Dichlorodifluoromethane
 Concen: 40.806 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	94899		
87	31.8	17.0	50.9	





#3

Chloromethane

Concen: 43.419 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion: 50 Resp: 128593

Ion Ratio Lower Upper

50 100

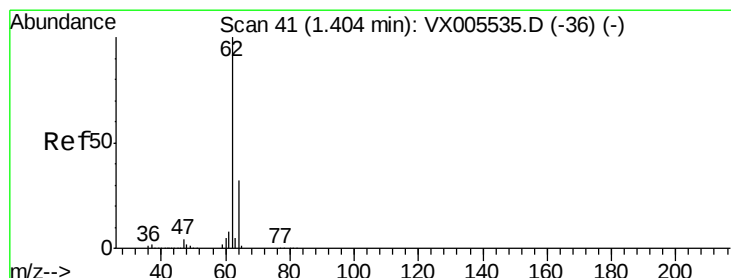
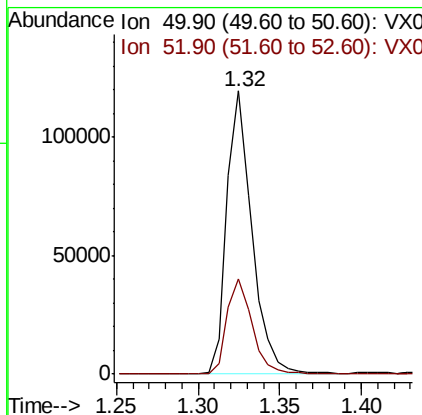
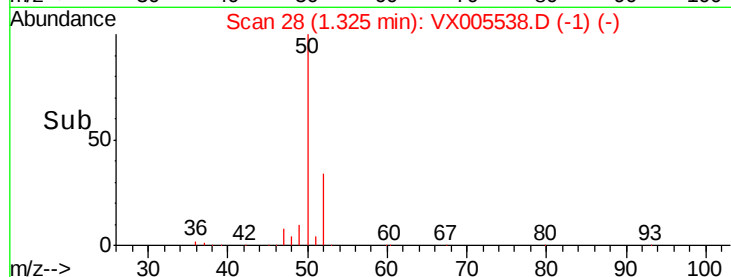
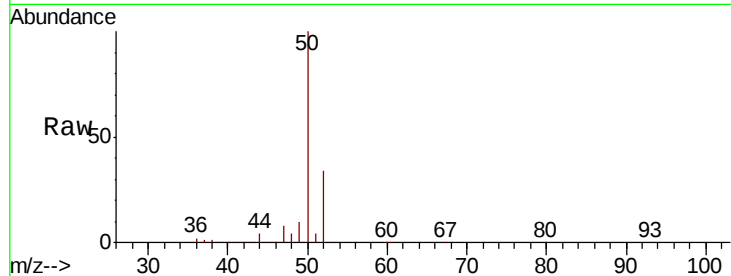
52 33.6 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.679 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005538.D

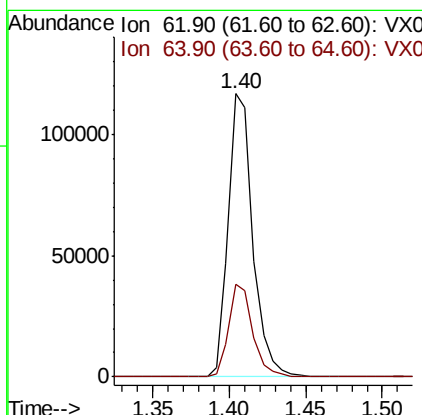
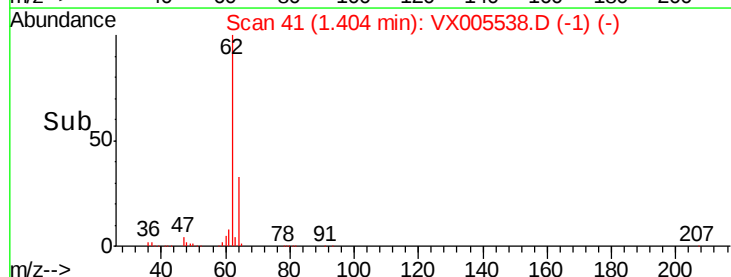
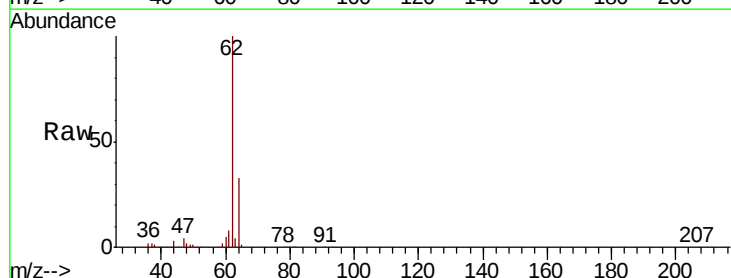
Acq: 24 Oct 2018 13:18

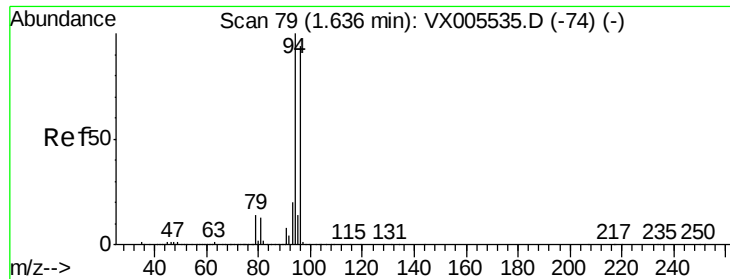
Tgt Ion: 62 Resp: 130114

Ion Ratio Lower Upper

62 100

64 32.6 25.8 38.8





#5

Bromomethane

Concen: 50.134 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion: 94 Resp: 90848

Ion Ratio Lower Upper

94 100

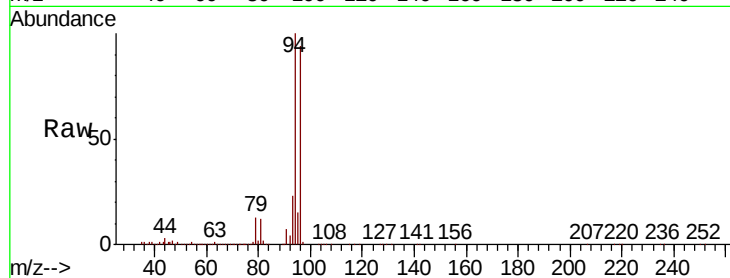
96 94.1 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

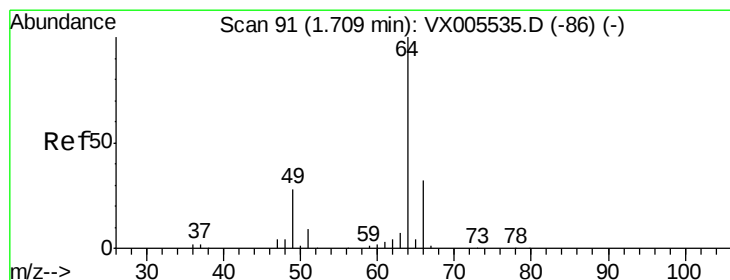
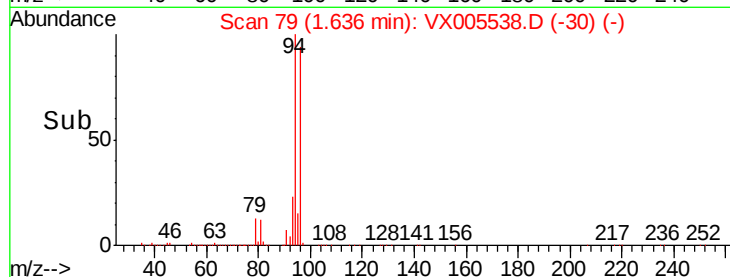
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 43.729 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005538.D

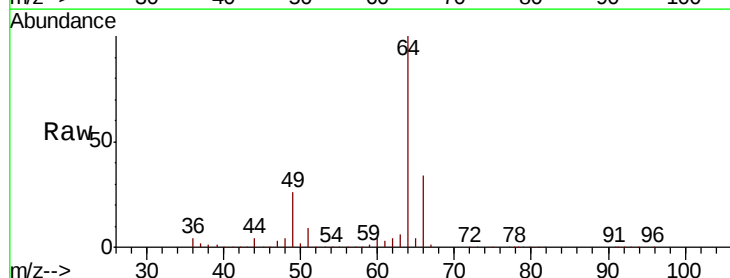
Acq: 24 Oct 2018 13:18

Tgt Ion: 64 Resp: 81353

Ion Ratio Lower Upper

64 100

66 34.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

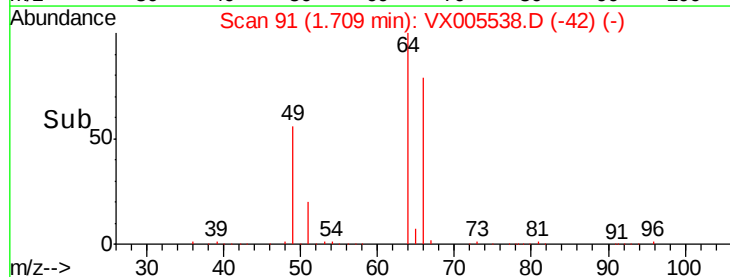
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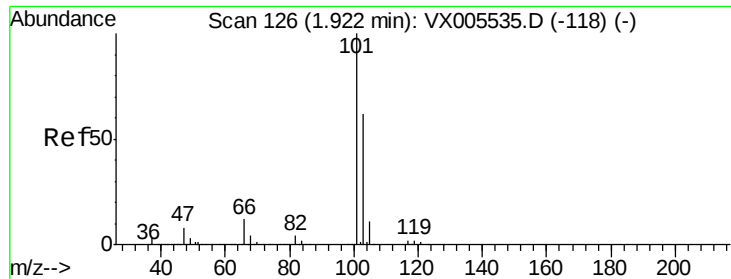
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#7

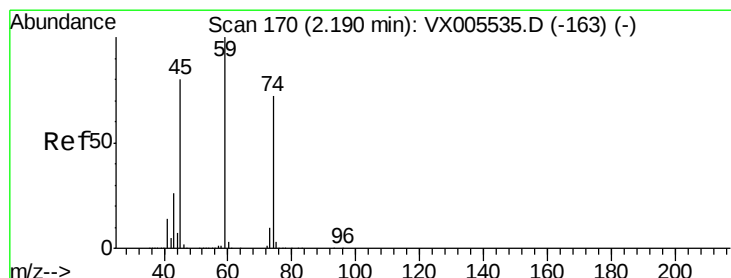
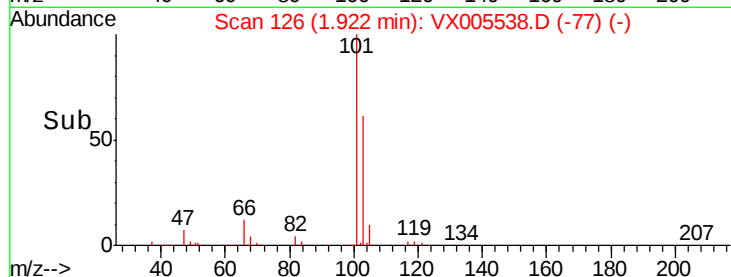
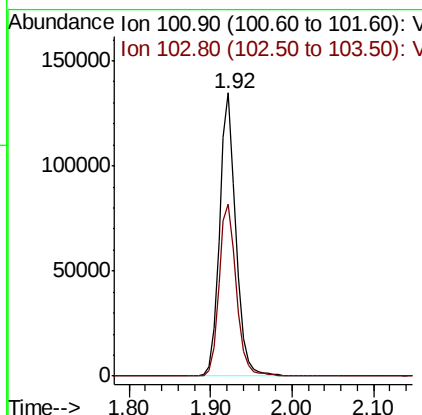
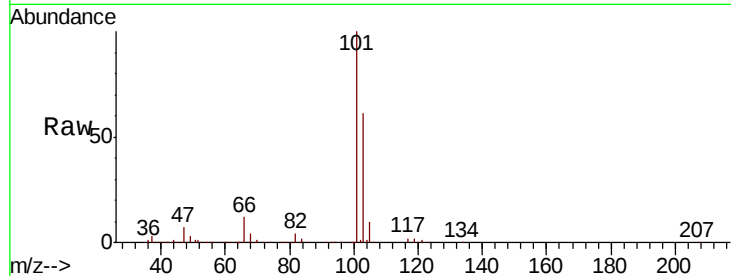
Trichlorofluoromethane
 Concen: 46.593 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.6	48.9	73.3

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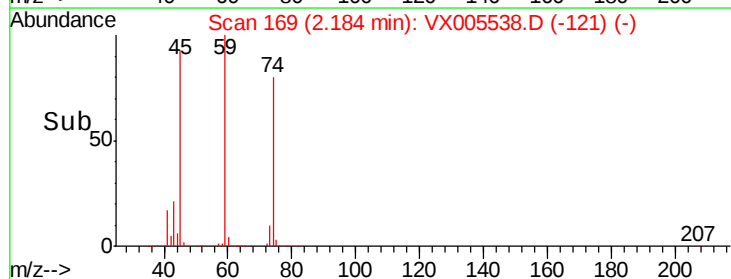
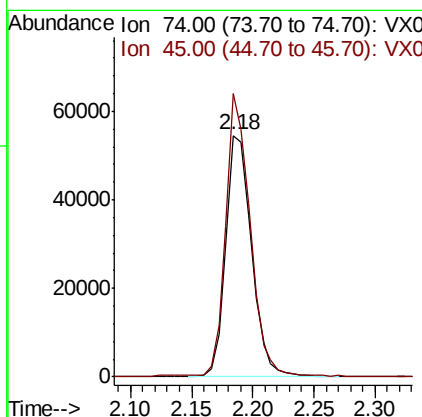
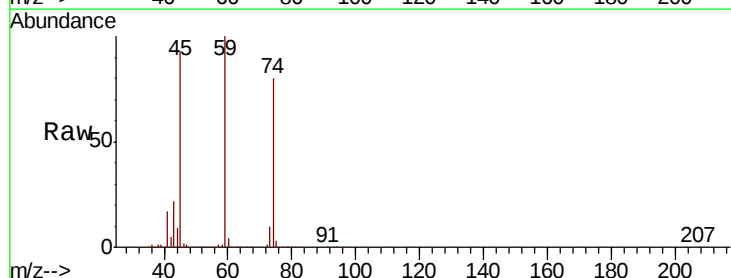
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#8

Diethyl Ether
 Concen: 49.518 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.3	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.904 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

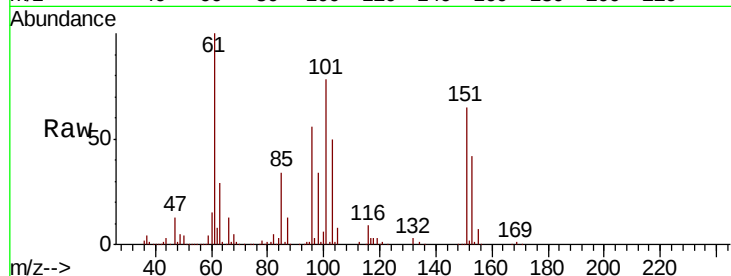
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ICVVX102418

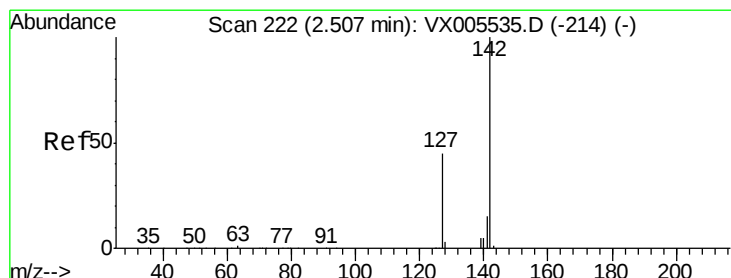
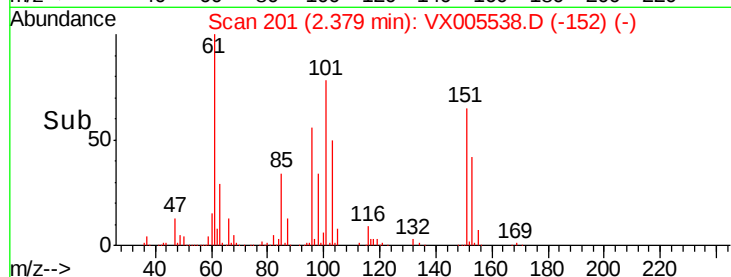
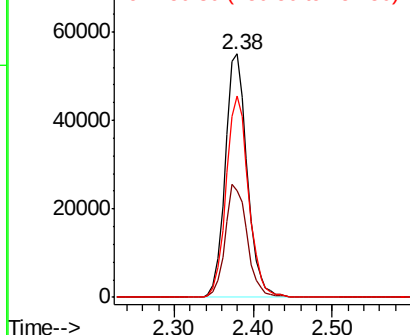
Tot Ion:	101	Resp:	106576
Ion Ratio	Lower	Upper	
101	100		
85	46.4	34.2	51.4
151	84.5	65.0	97.6

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



#10

Methyl Iodide

Concen: 43.393 ug/l

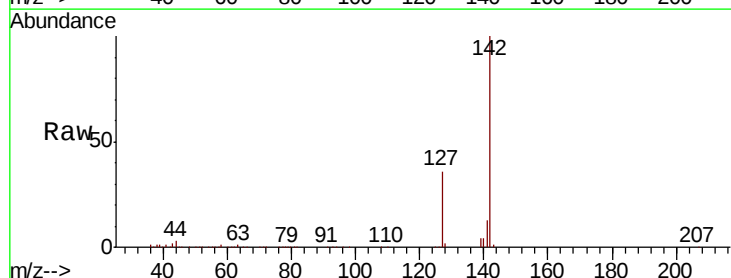
RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

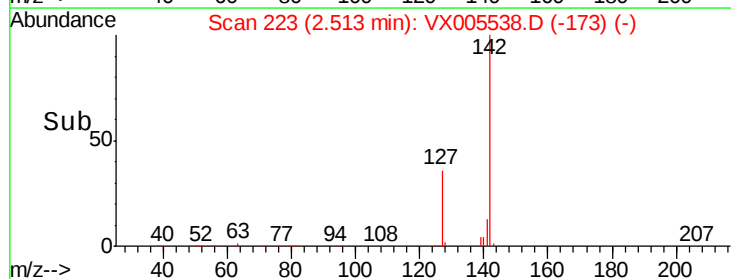
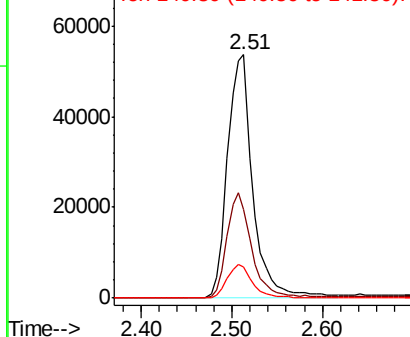
Lab File: VX005538.D

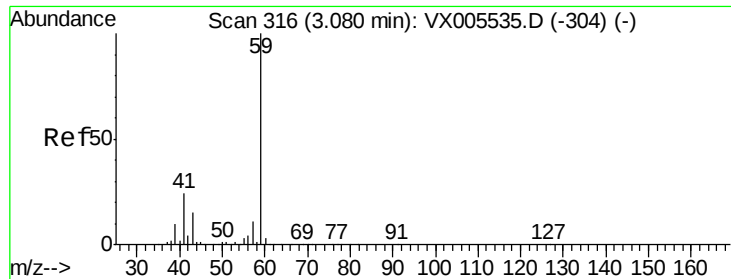
Acq: 24 Oct 2018 13:18

Tgt Ion:	142	Resp:	104295
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.8	50.6
141	13.7	11.4	17.0



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





#11

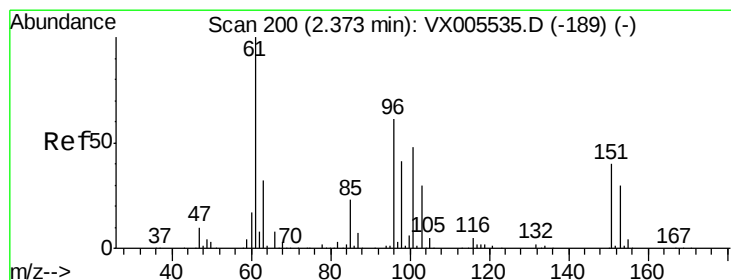
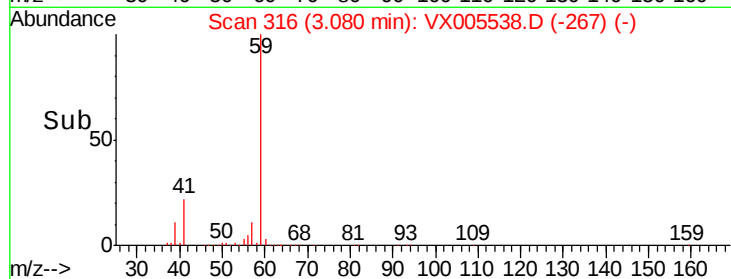
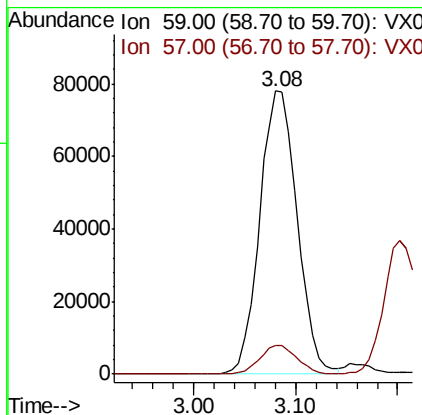
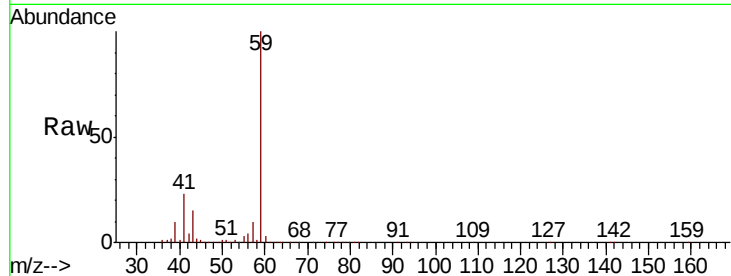
Tert butyl alcohol
 Concen: 256.439 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion	59	Resp	198473
Ion Ratio	100	Lower	Upper
57	10.3	8.2	12.4

Manual Integrations
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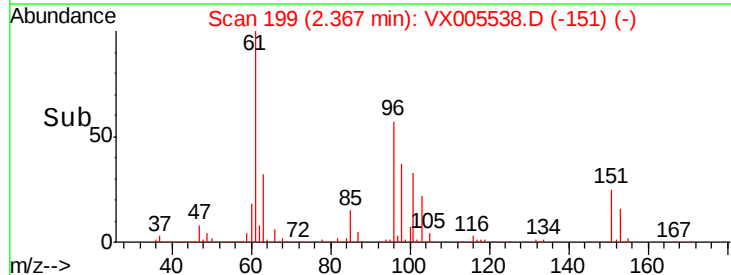
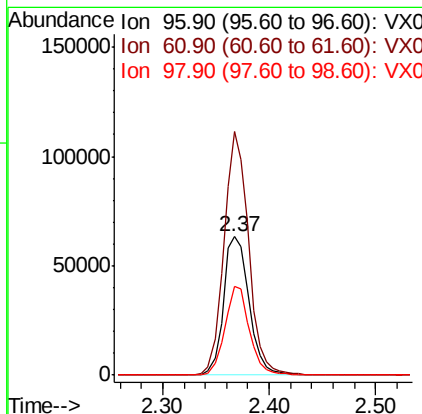
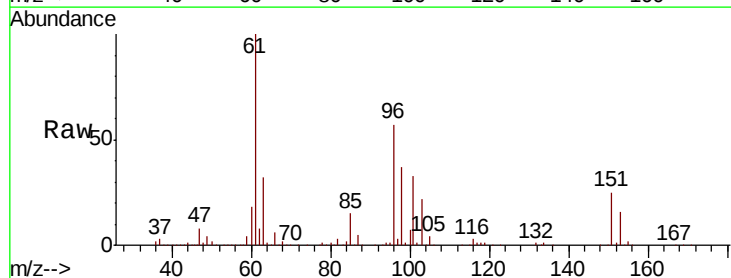
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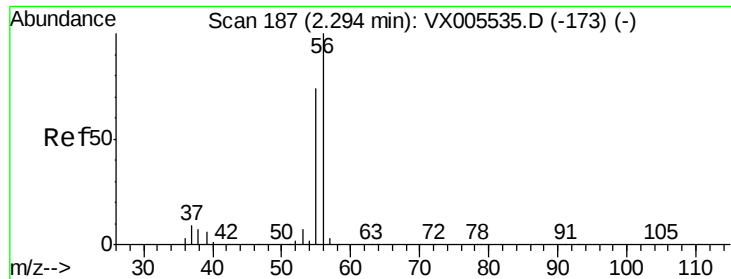


#12

1,1-Dichloroethene
 Concen: 48.159 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	96	Resp	106513
Ion Ratio	100	Lower	Upper
61	176.3	128.8	193.2
98	64.6	52.2	78.2





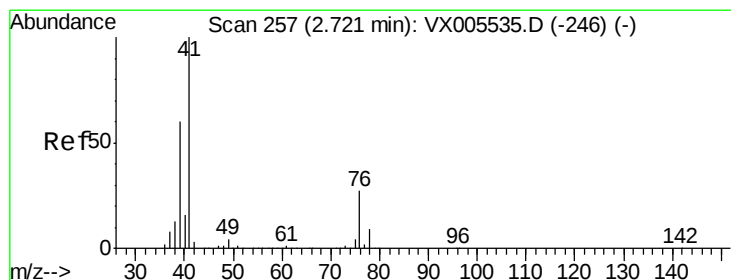
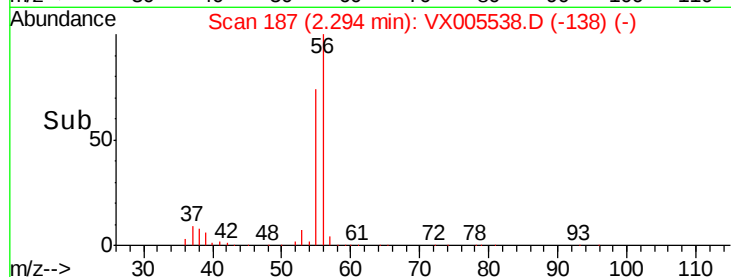
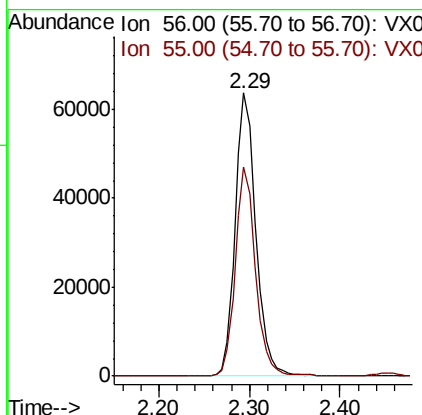
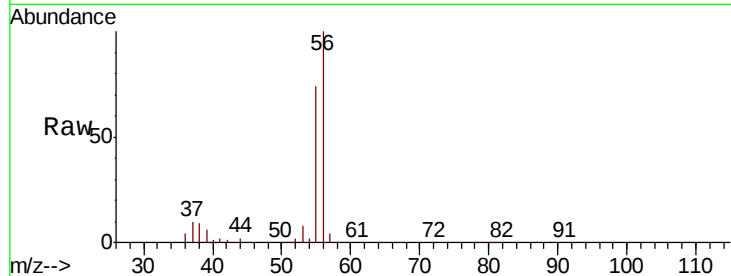
#13
Acrolein
Concen: 255.728 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.7	54.7	82.1

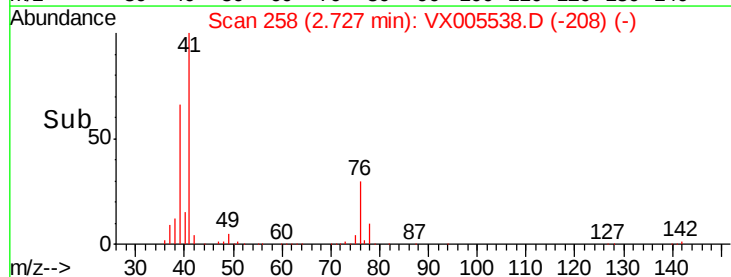
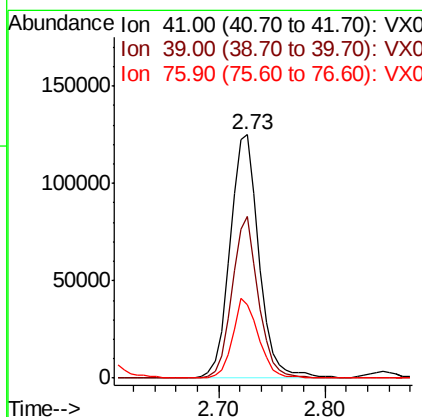
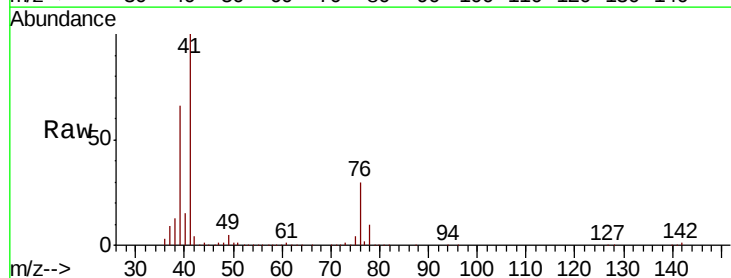
Manual Integrations
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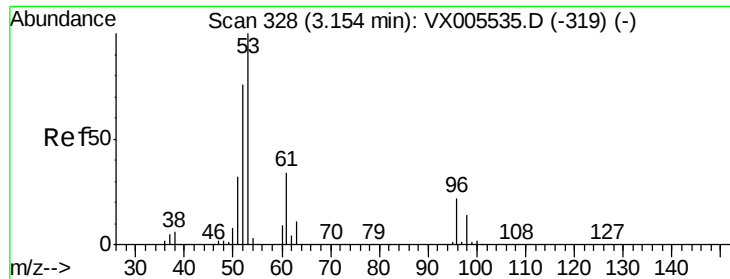
MMDadoda
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#14
Allyl chloride
Concen: 48.196 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.1	48.9	73.3
76	29.1	26.7	40.1





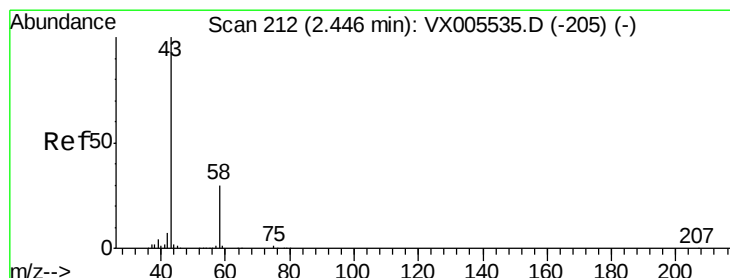
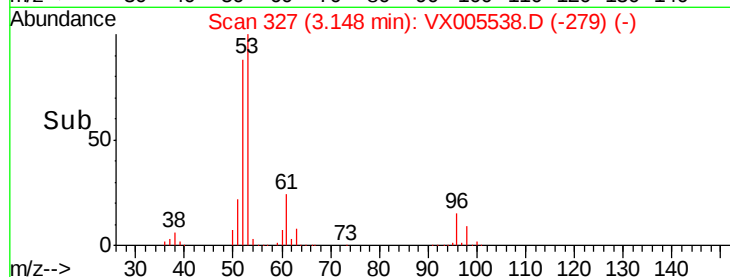
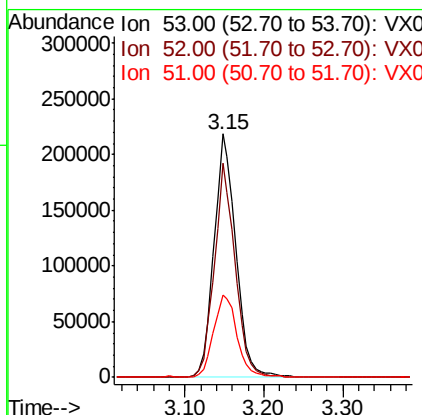
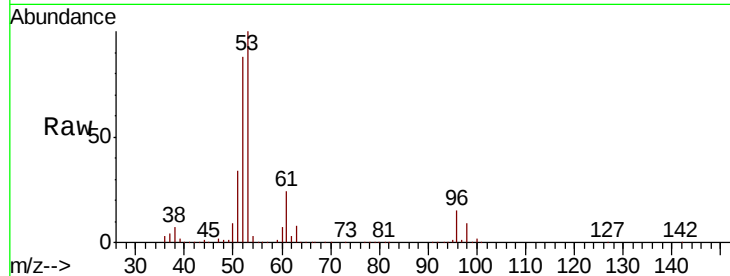
#15
 Acrylonitrile
 Concen: 242.318 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX102418

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.3	65.2	97.8
51	36.4	28.2	42.2

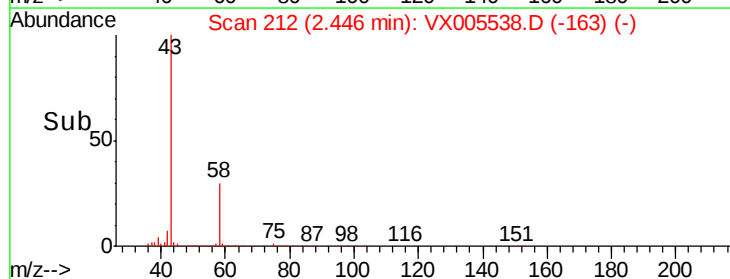
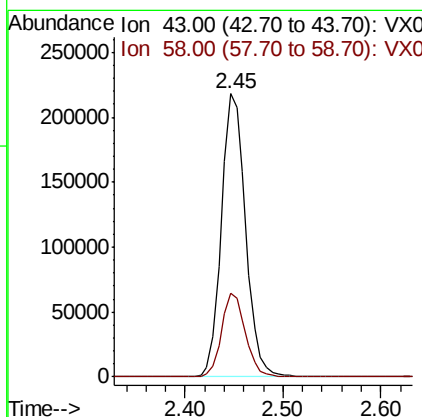
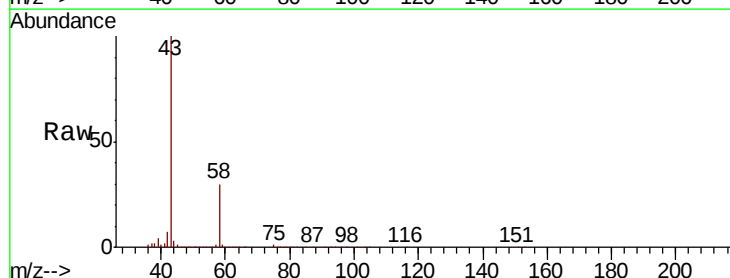
Manual Integrations
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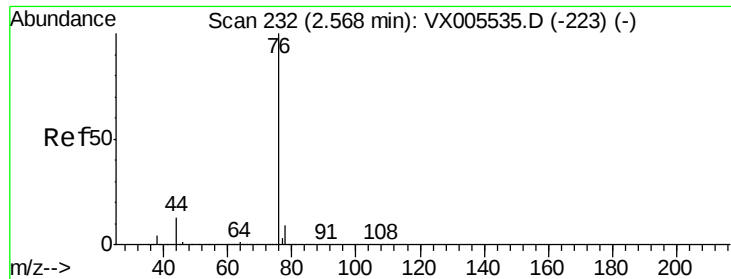
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#16
 Acetone
 Concen: 246.063 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.5	26.2	39.4





#17

Carbon Disulfide

Concen: 48.447 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion: 76 Resp: 326632

Ion Ratio Lower Upper

76 100

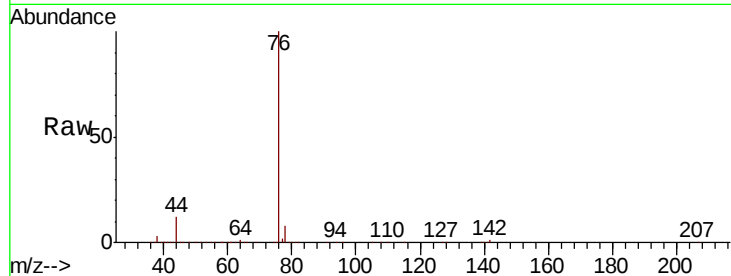
78 7.7 7.0 10.6

Manual Integrations

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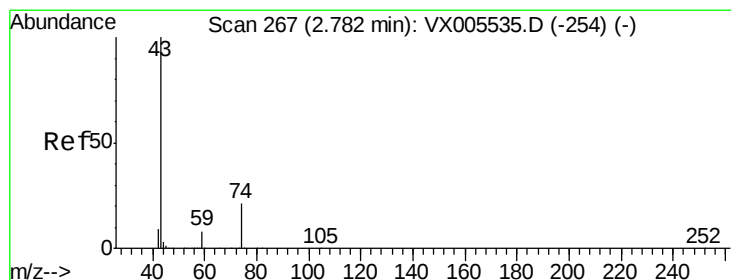
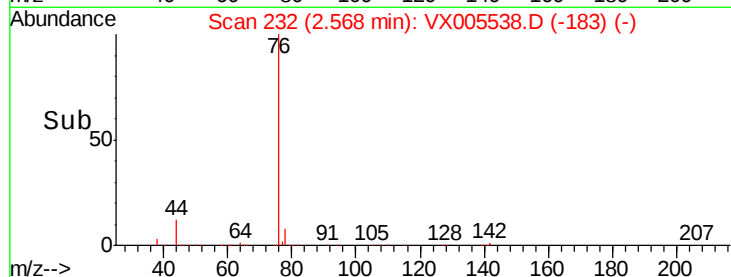
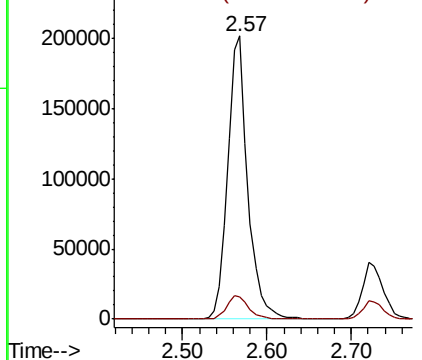
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.076 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005538.D

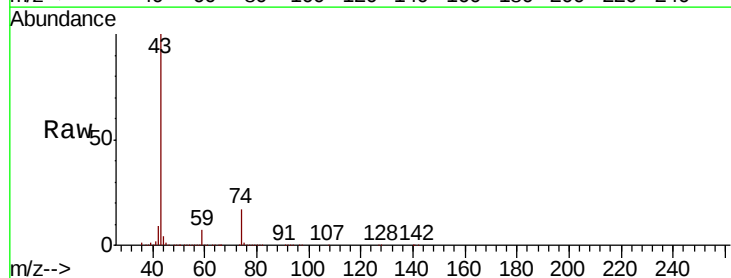
Acq: 24 Oct 2018 13:18

Tgt Ion: 43 Resp: 206225

Ion Ratio Lower Upper

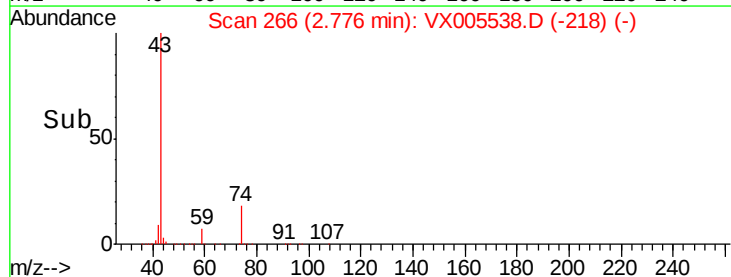
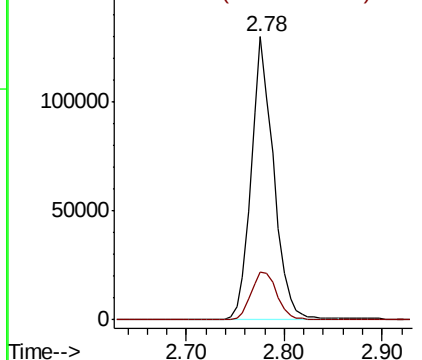
43 100

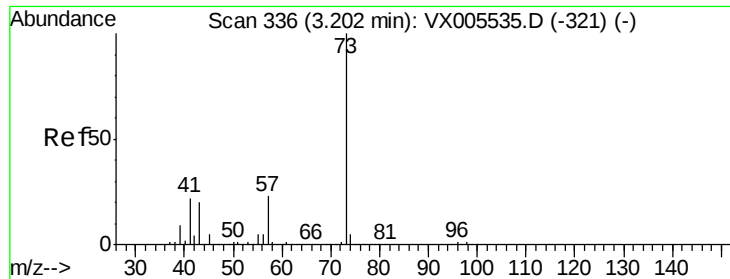
74 19.3 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





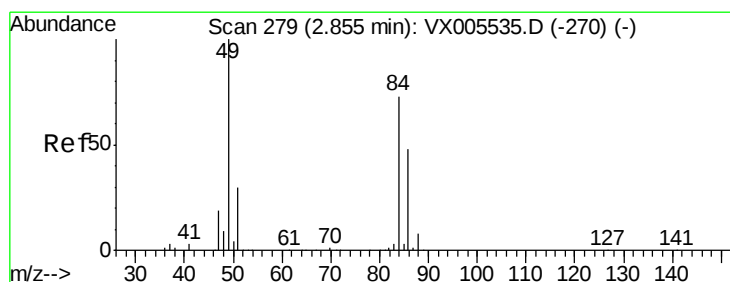
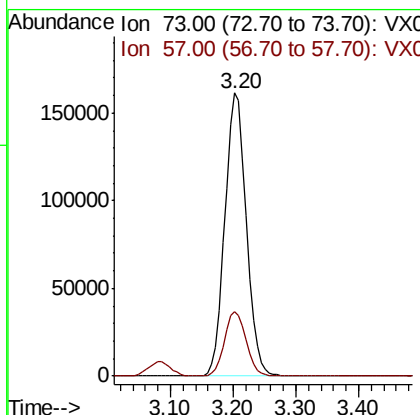
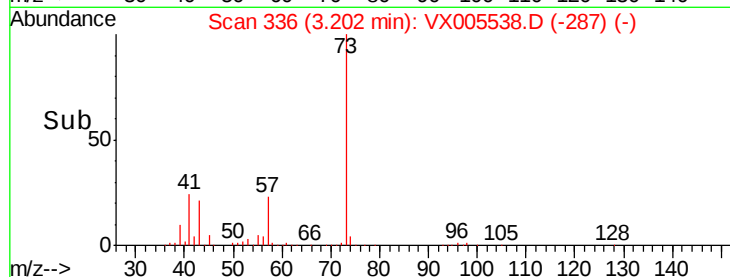
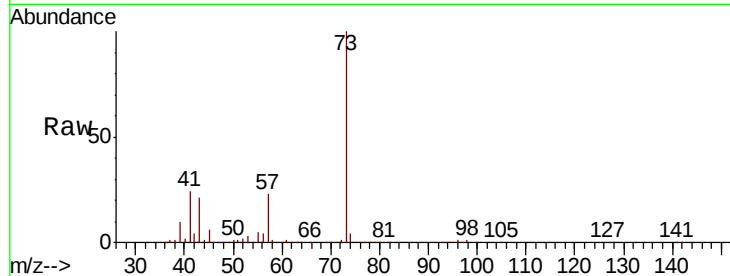
#19
Methvl tert-butvl Ether
Concen: 48.488 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.1	25.7

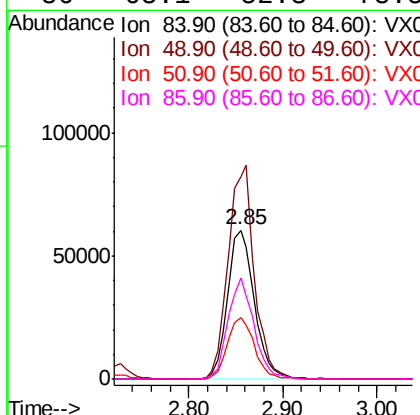
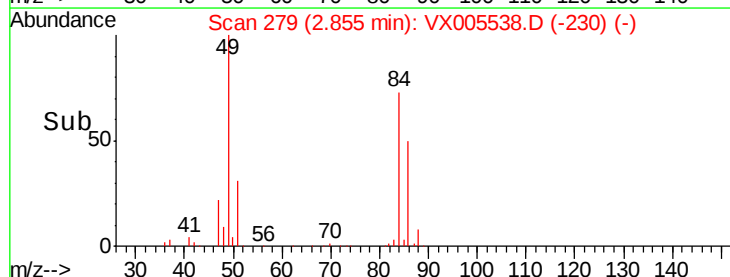
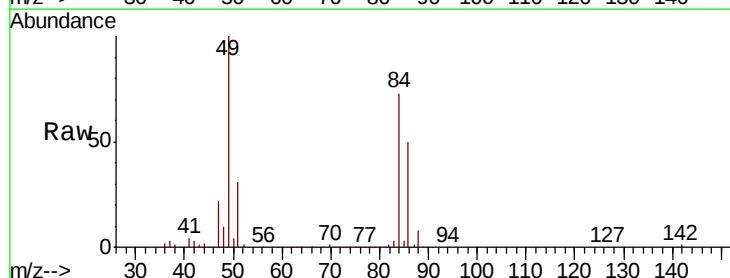
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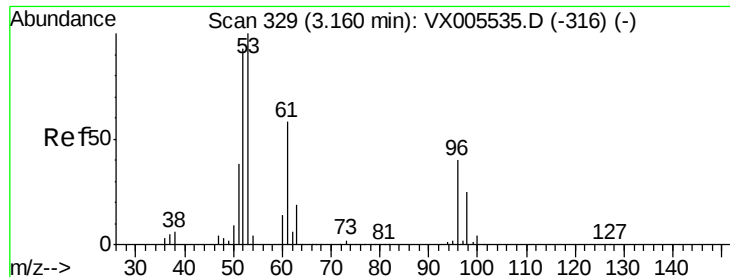
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#20
Methylene Chloride
Concen: 46.909 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.1	101.2	151.8
51	41.6	29.5	44.3
86	68.1	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 45.933 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

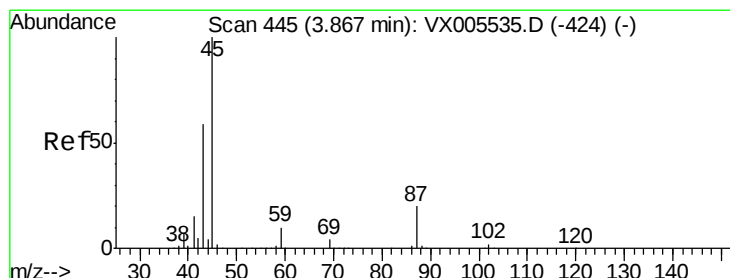
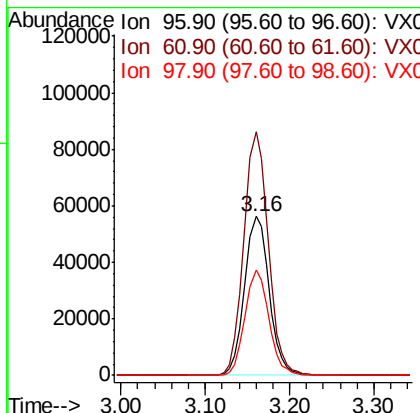
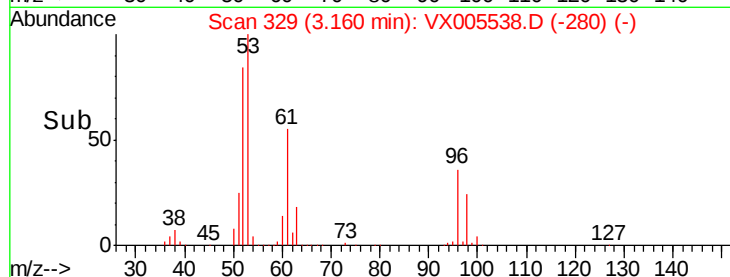
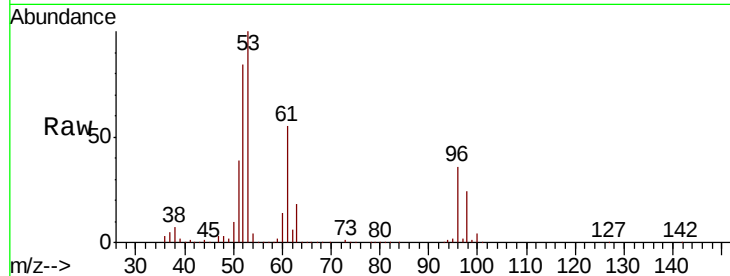
ClientSampleId :

ICVVX102418

Tot Ion:	96	Resp:	110921
Ion	Ratio	Lower	Upper
96	100		
61	153.0	113.8	170.6
98	66.1	51.8	77.8

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#22

Diisopropyl ether

Concen: 48.412 ug/l

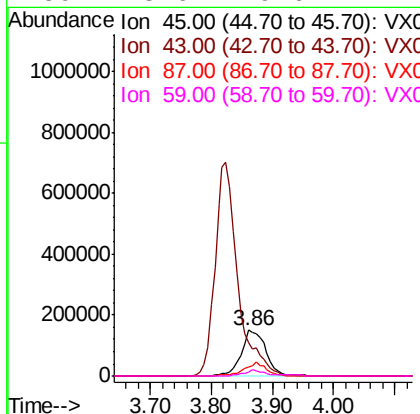
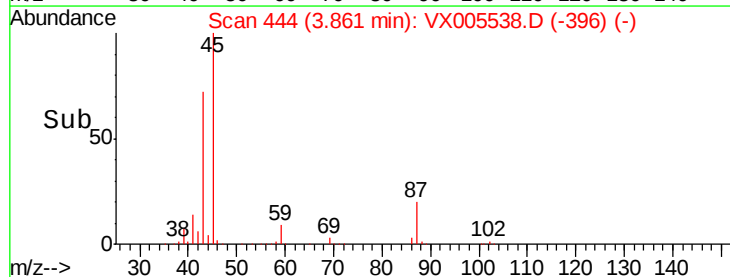
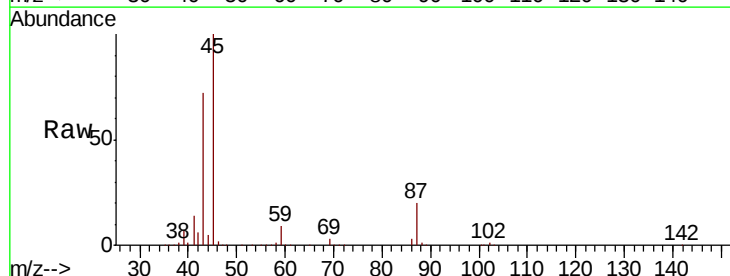
RT: 3.86 min Scan# 444

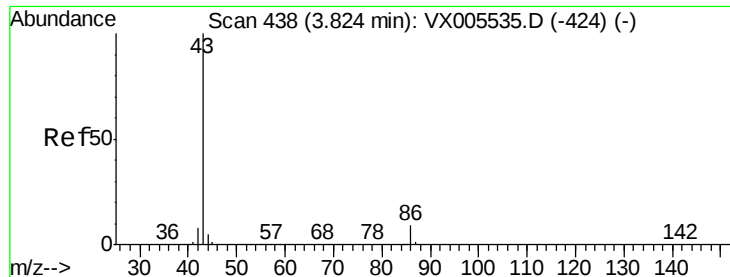
Delta R.T. -0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Tgt Ion:	45	Resp:	417305
Ion	Ratio	Lower	Upper
45	100		
43	72.2	42.8	64.2#
87	19.7	22.6	34.0#
59	8.6	9.6	14.4#





#23

Vinyl Acetate

Concen: 241.548 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion: 43 Resp: 1833735

Ion Ratio Lower Upper

43 100

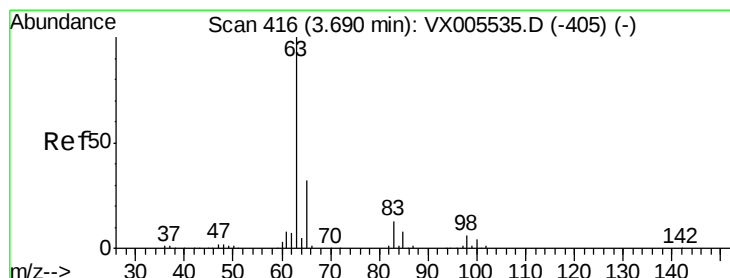
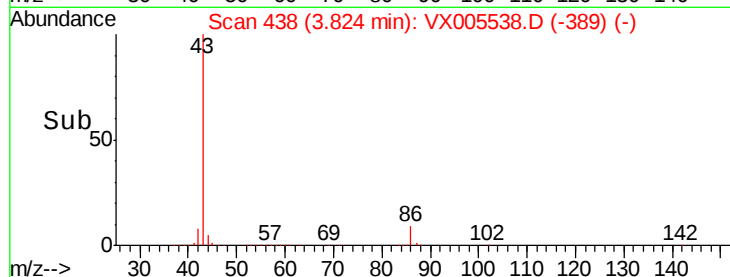
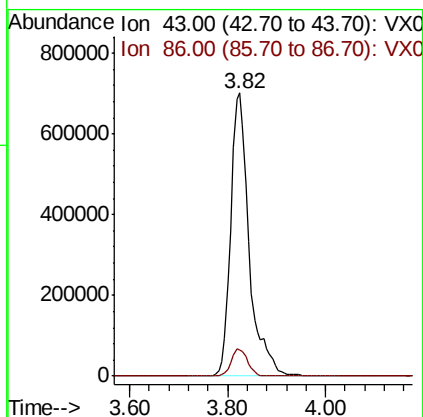
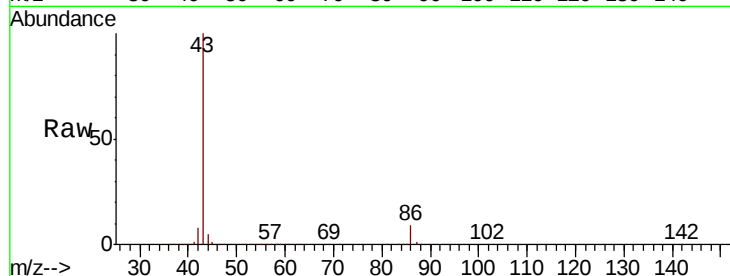
86 9.4 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.621 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

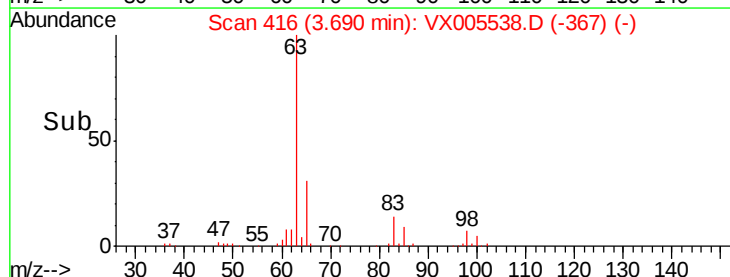
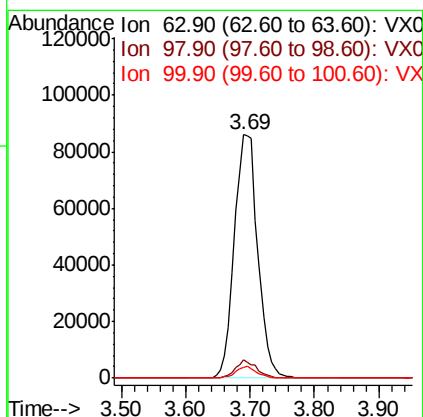
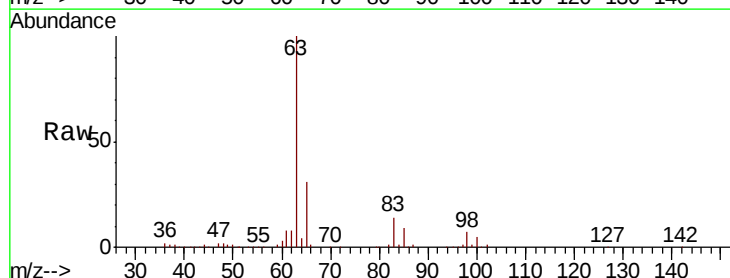
Tgt Ion: 63 Resp: 218490

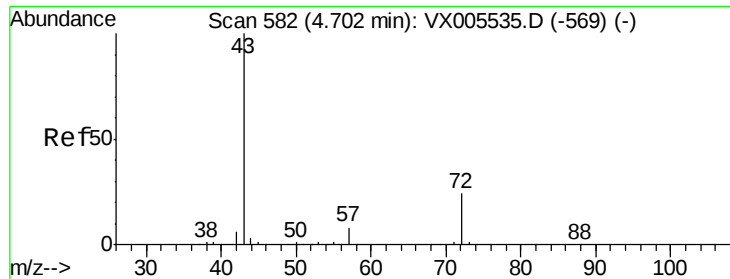
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 250.539 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion: 43 Resp: 579830

Ion Ratio Lower Upper

43 100

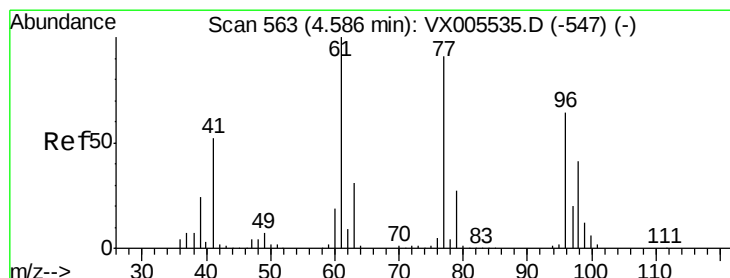
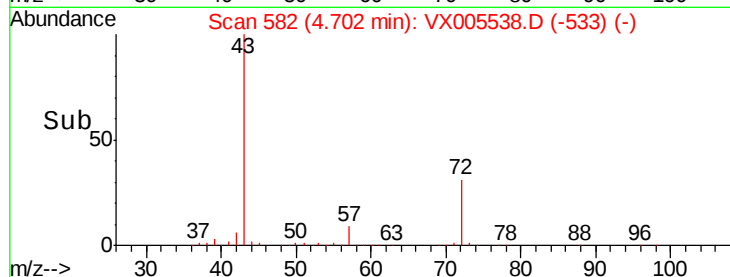
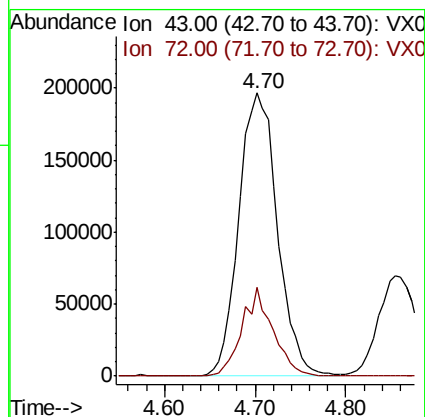
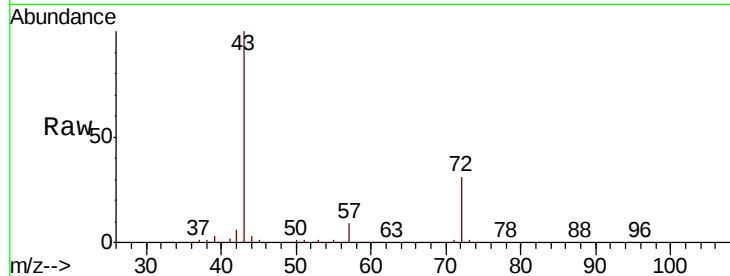
72 31.3 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.480 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX005538.D

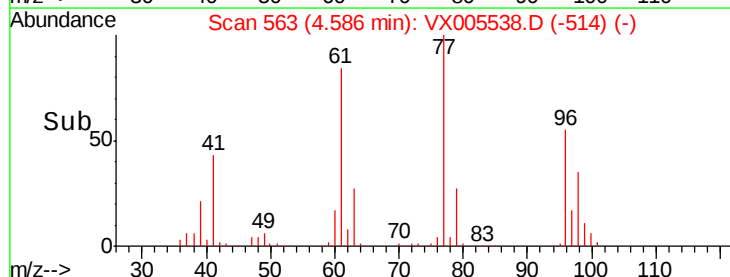
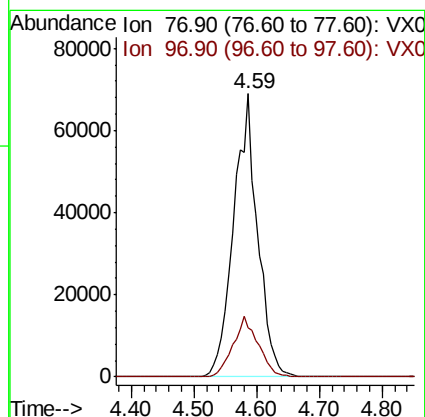
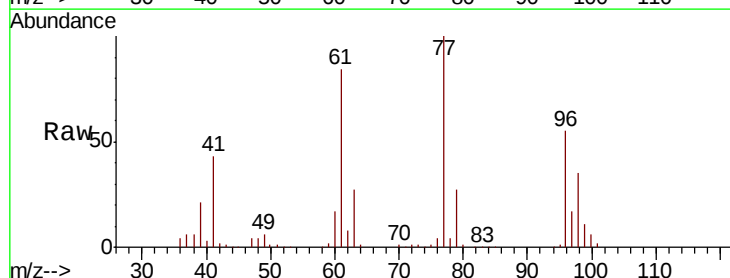
Acq: 24 Oct 2018 13:18

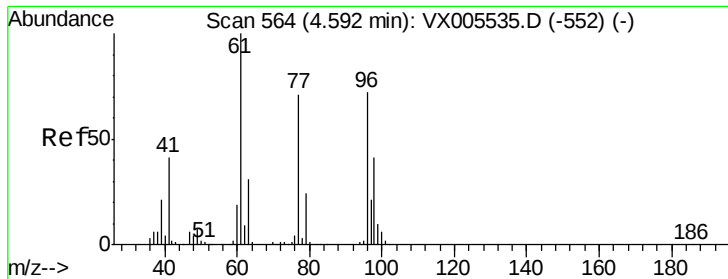
Tgt Ion: 77 Resp: 182643

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0





#27

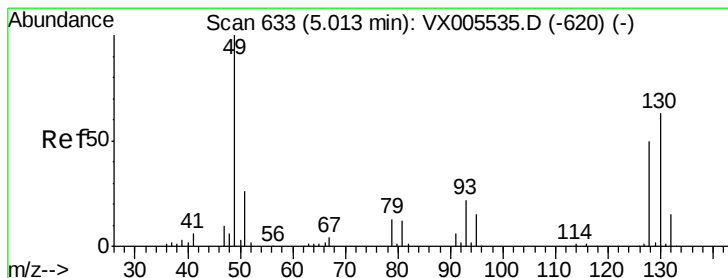
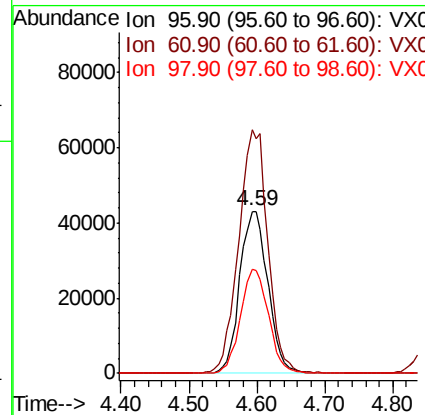
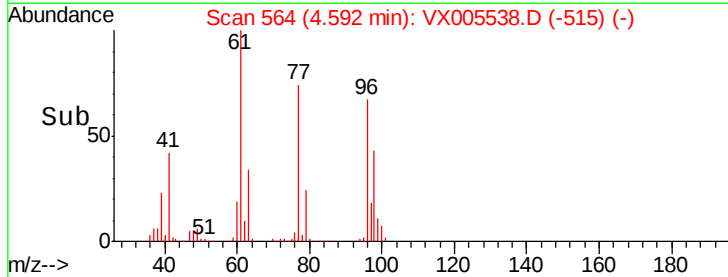
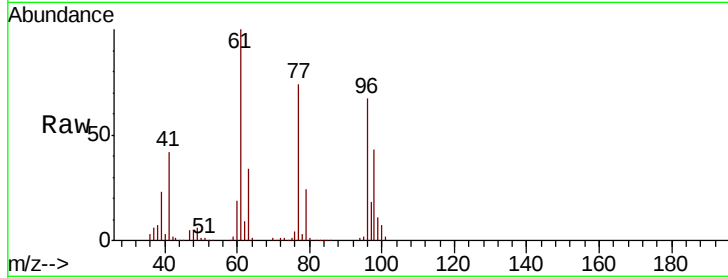
cis-1,2-Dichloroethene
Concen: 47.642 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	154.9	0.0	282.6	
98	63.9	0.0	130.2	

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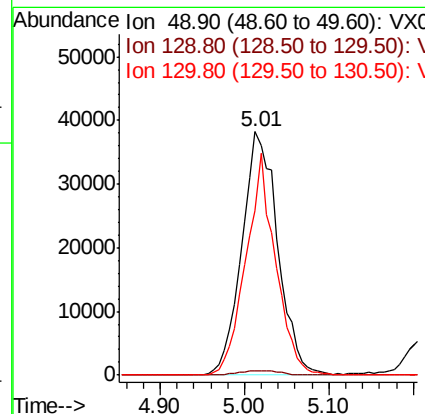
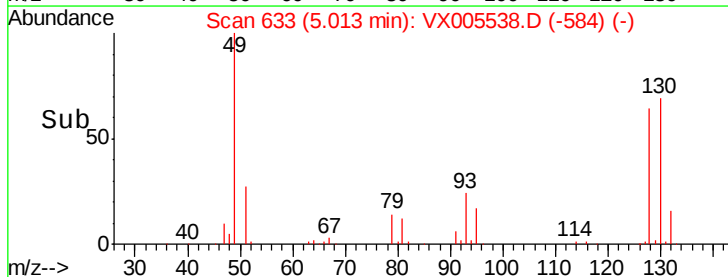
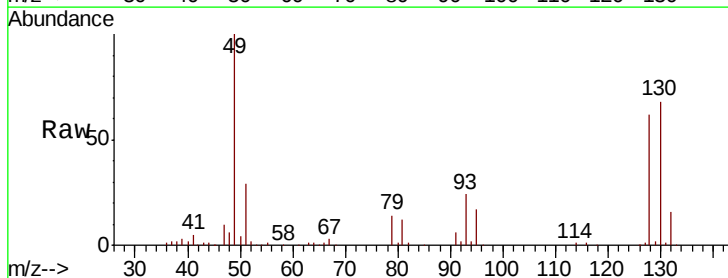
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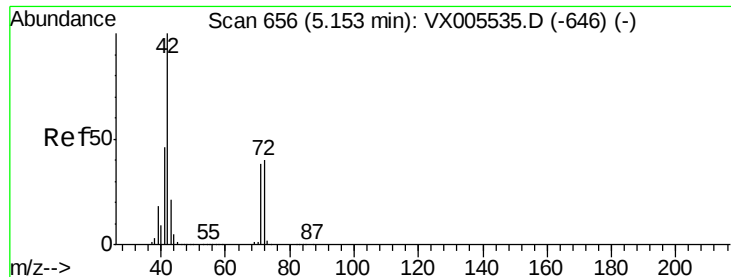


#28

Bromochloromethane
Concen: 48.593 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.2	
130	74.9	67.5	101.3	





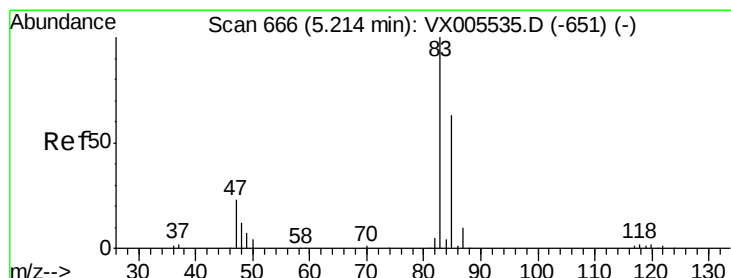
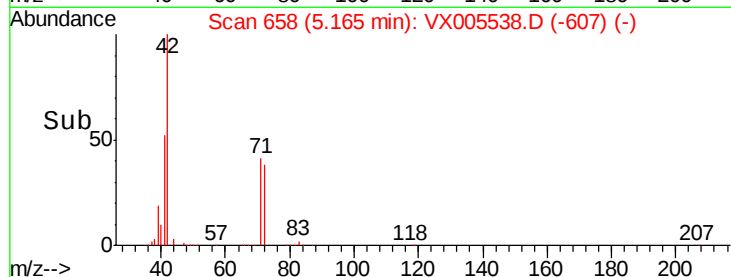
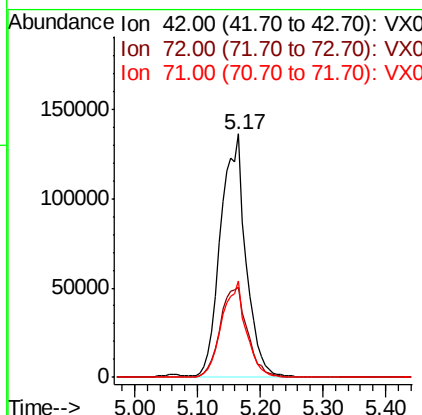
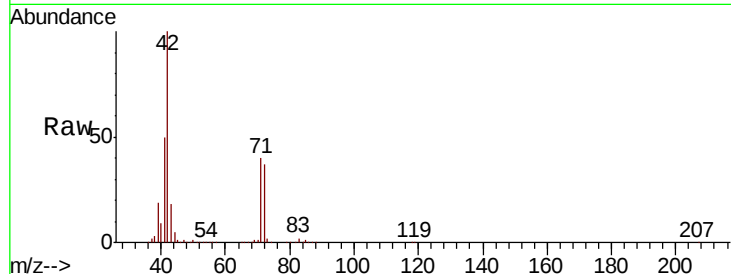
#29
Tetrahydrofuran
Concen: 252.147 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	37.4	56.0
71	37.5	34.5	51.7

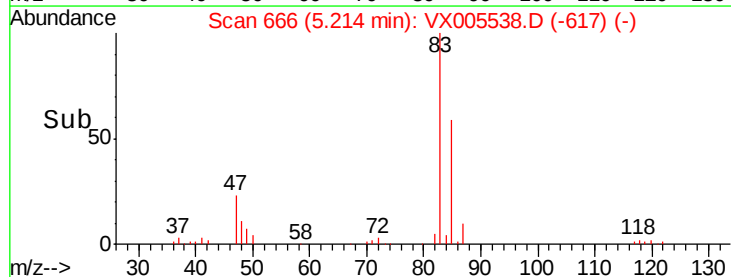
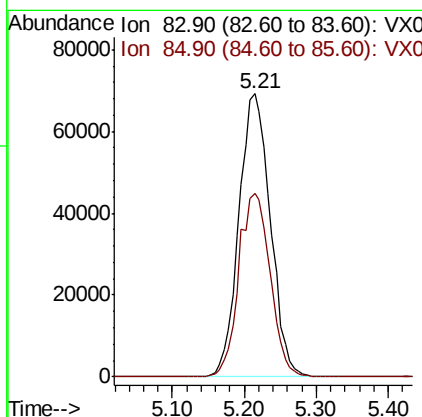
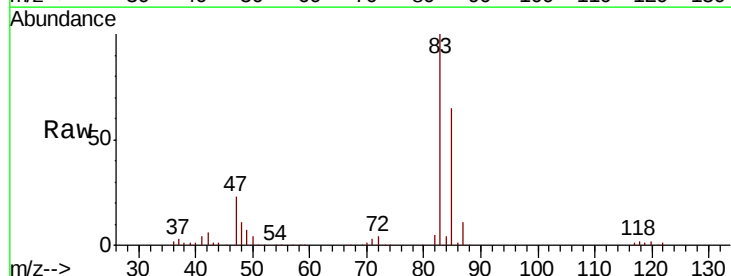
Manual Integrations
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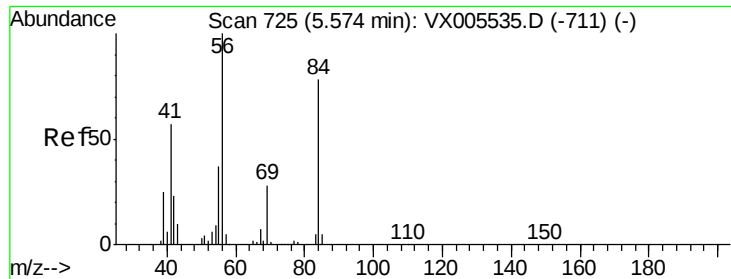
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#30
Chloroform
Concen: 47.934 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.6	79.0





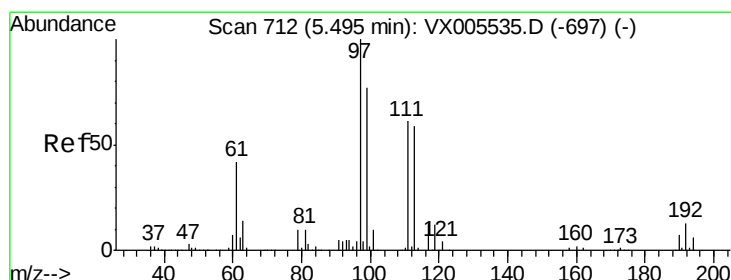
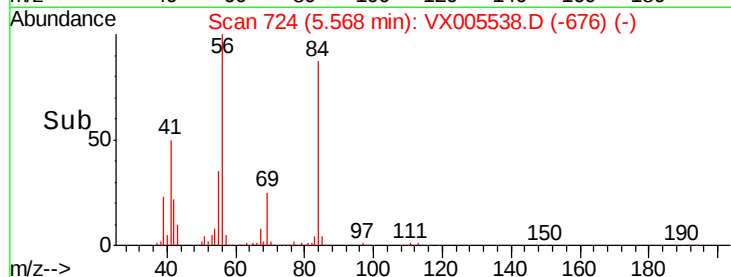
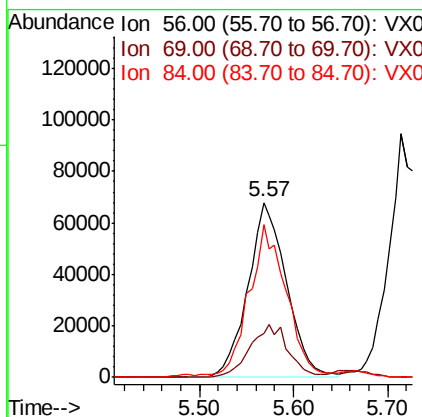
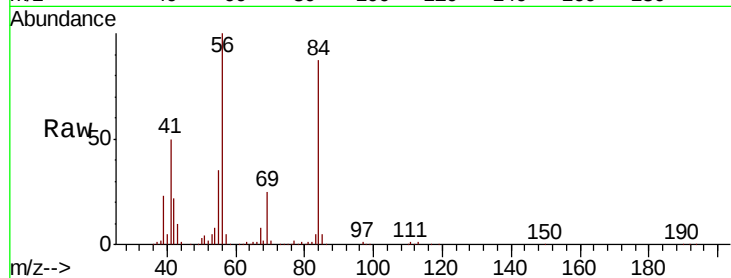
#31
Cyclohexane
Concen: 50.074 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion	Ratio	Lower	Upper
56	100		
69	25.1	25.4	38.2#
84	85.9	71.4	107.2

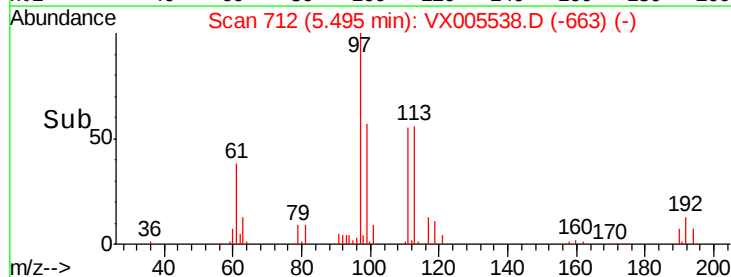
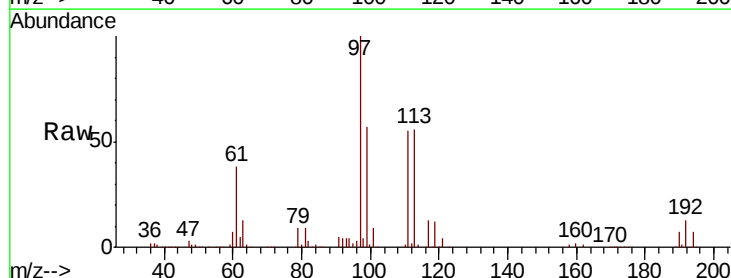
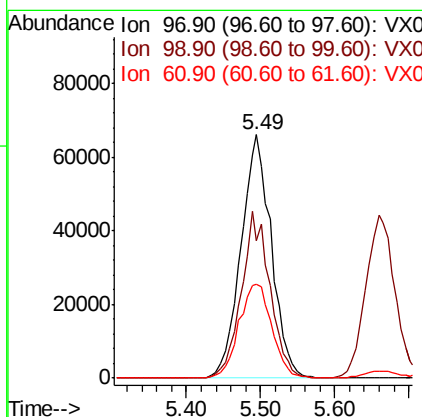
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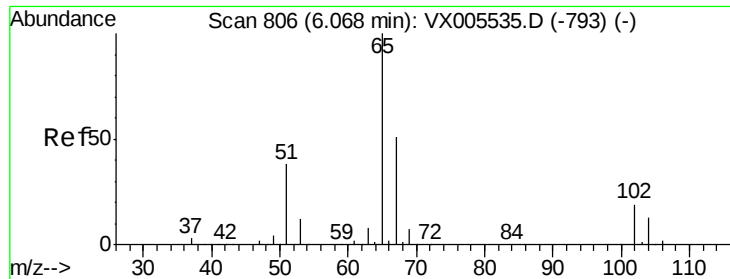
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 48.812 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	42.1	34.9	52.3





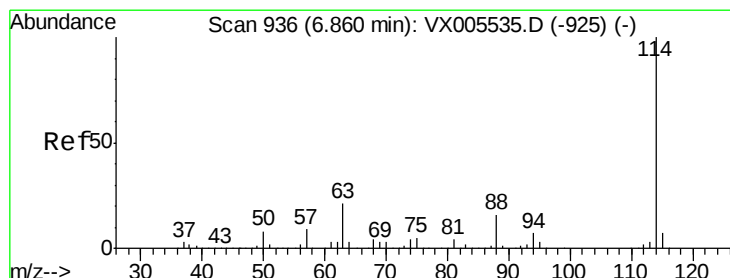
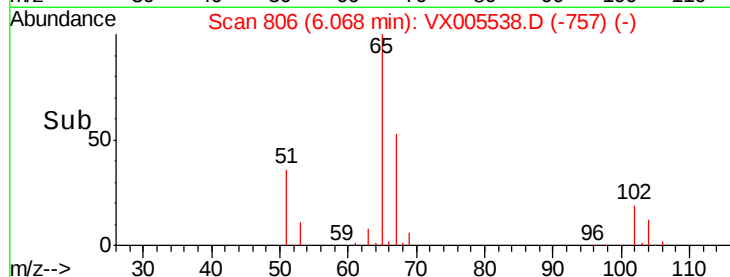
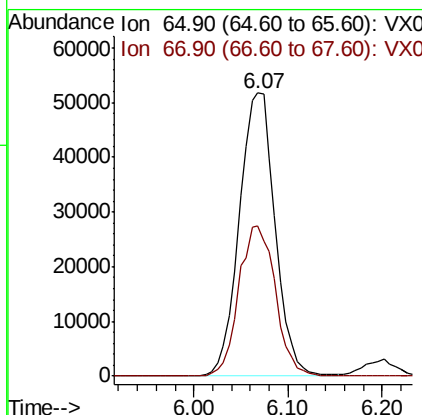
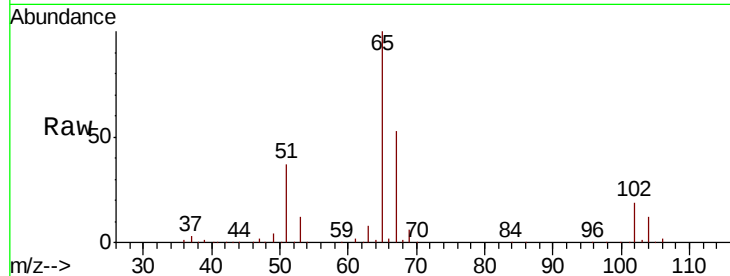
#33
 1,2-Dichloroethane-d4
 Concen: 47.910 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	106.8

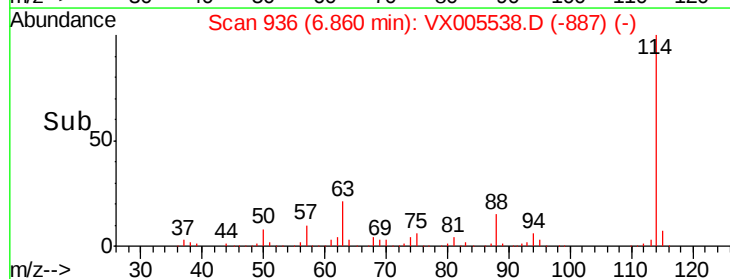
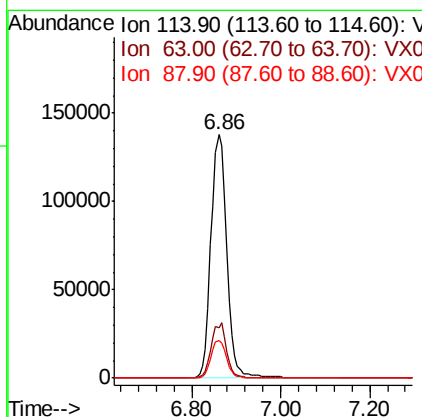
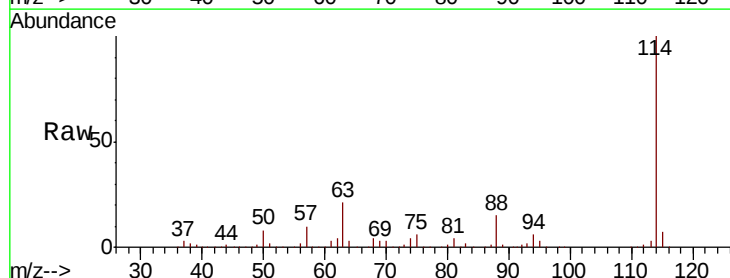
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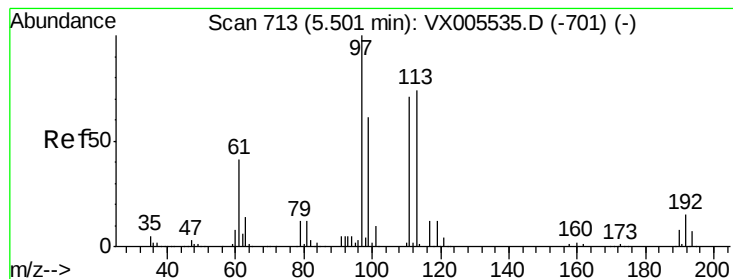
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.0
88	15.5	0.0	30.4





#35

Dibromofluoromethane

Concen: 47.665 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

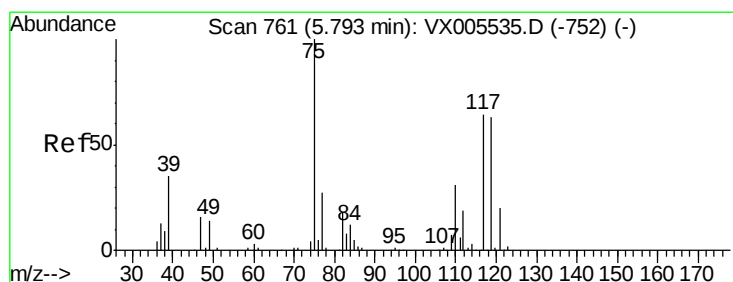
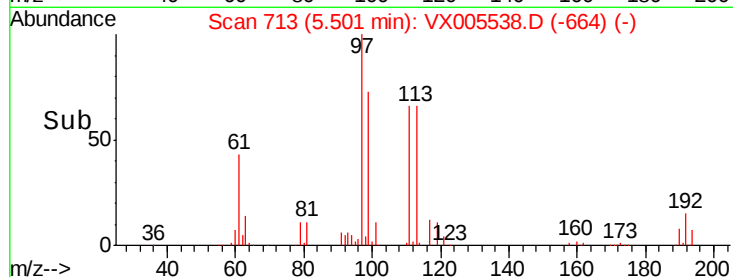
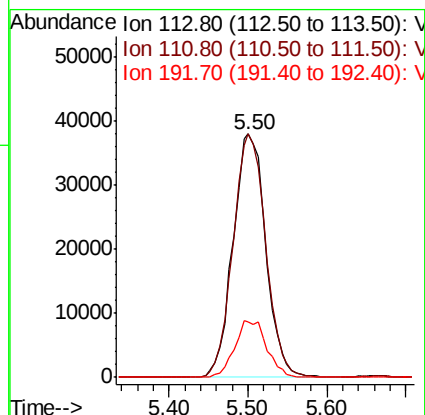
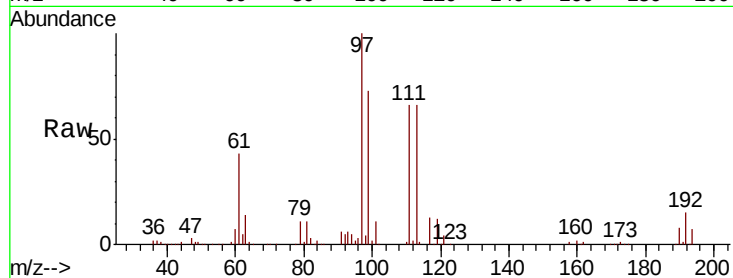
ClientSampleId :

ICVVX102418

Tot Ion:	113	Resp:	109434
Ion Ratio	Lower	Upper	
113	100		
111	99.8	82.4	123.6
192	22.8	19.4	29.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.093 ug/l

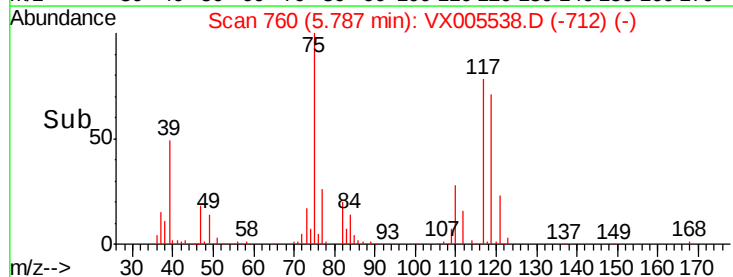
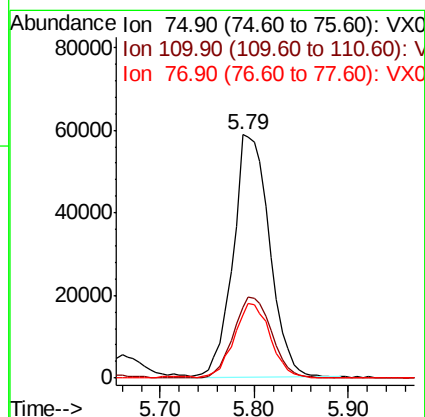
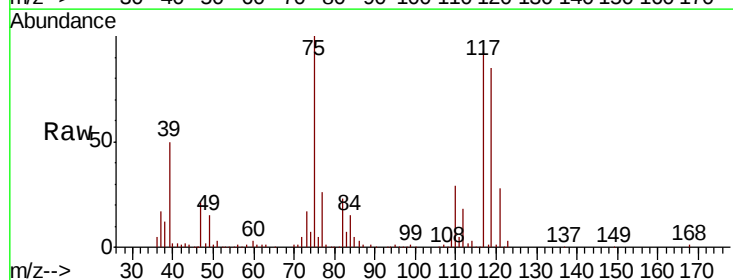
RT: 5.79 min Scan# 760

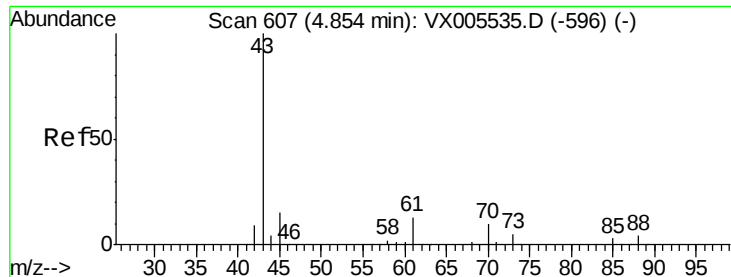
Delta R.T. -0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Tgt Ion:	75	Resp:	158252
Ion Ratio	Lower	Upper	
75	100		
110	35.1	18.0	54.0
77	30.4	24.6	36.8





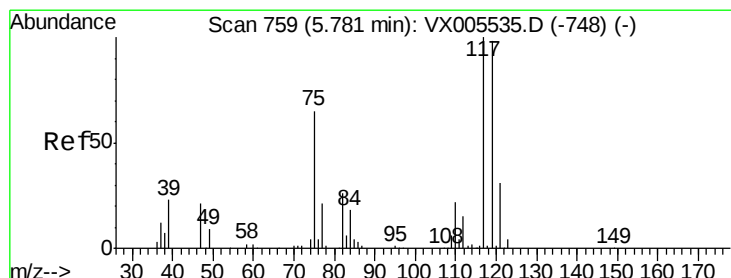
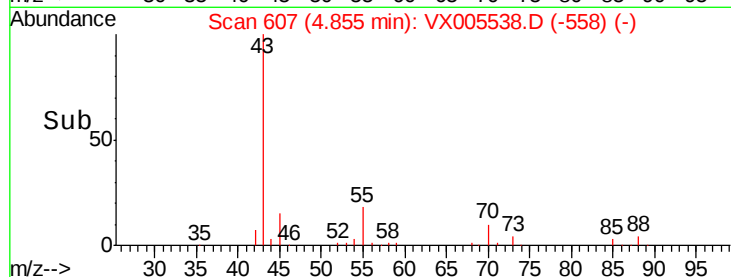
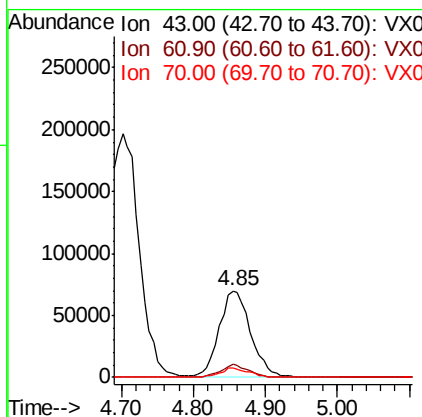
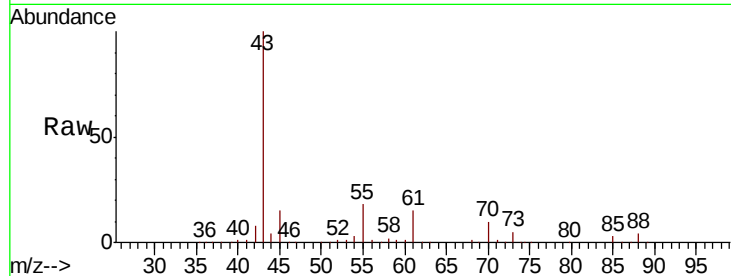
#37
Ethyl Acetate
Concen: 50.179 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.5	17.3
70	10.1	9.0	13.6

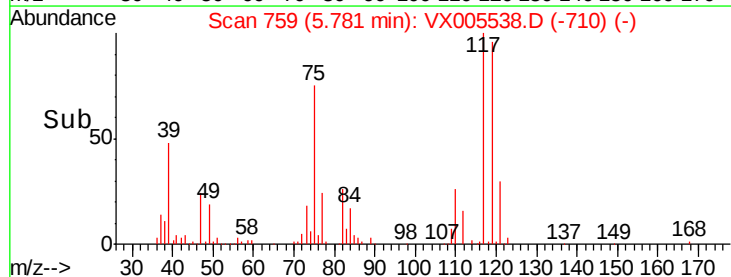
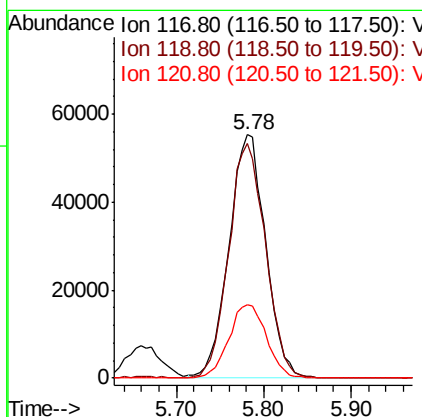
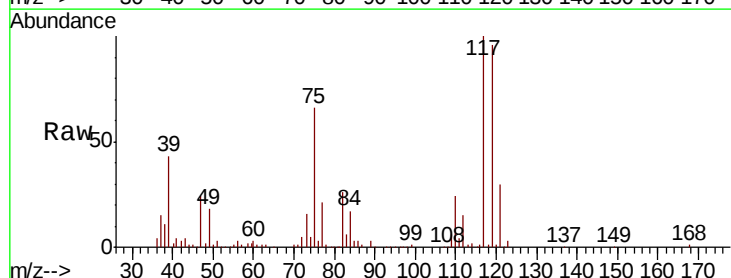
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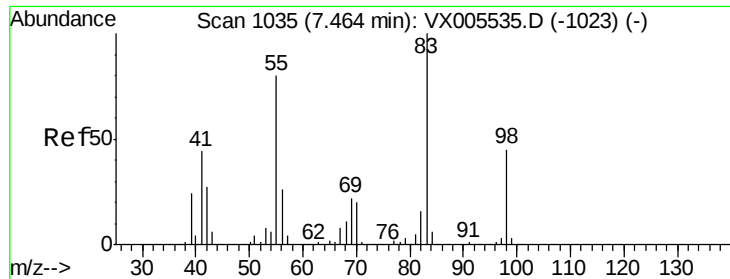
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#38
Carbon Tetrachloride
Concen: 46.511 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.8	118.2
121	30.1	24.9	37.3





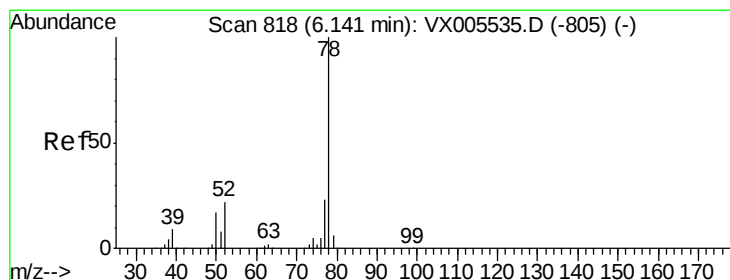
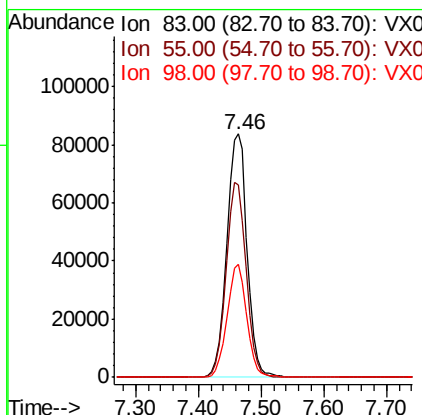
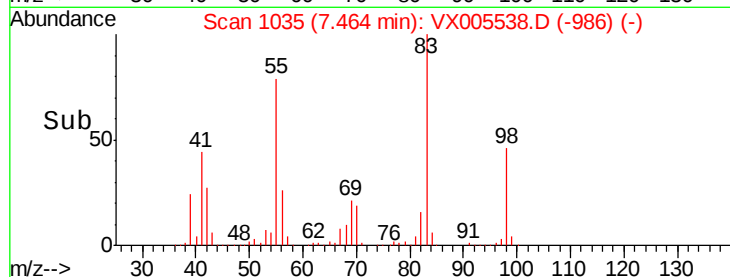
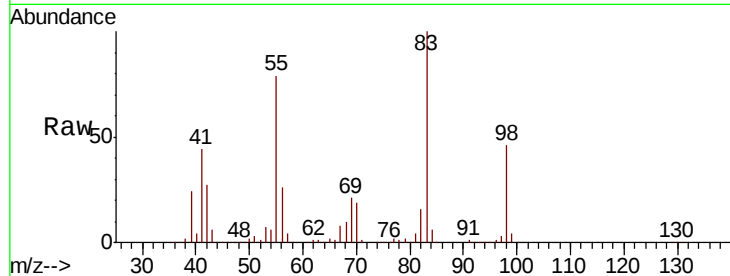
#39
Methvlcvclohexane
Concen: 51.358 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.3	61.0	91.4	
98	46.4	39.6	59.4	

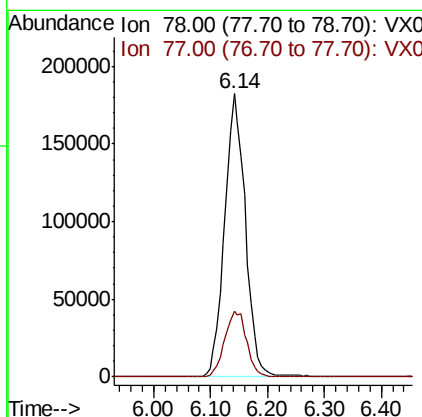
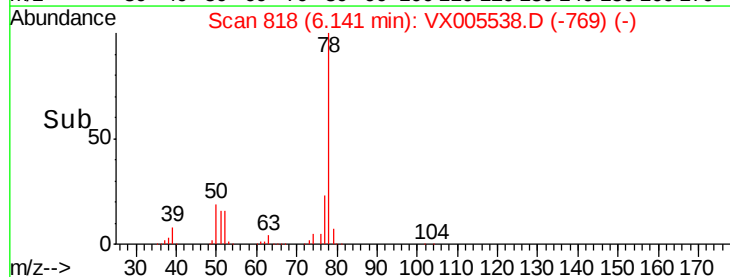
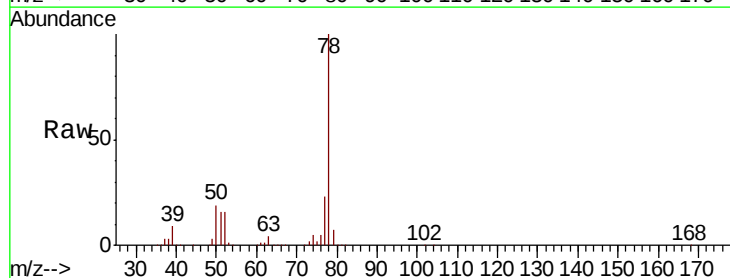
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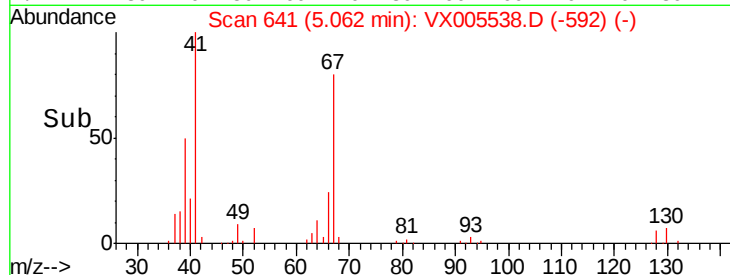
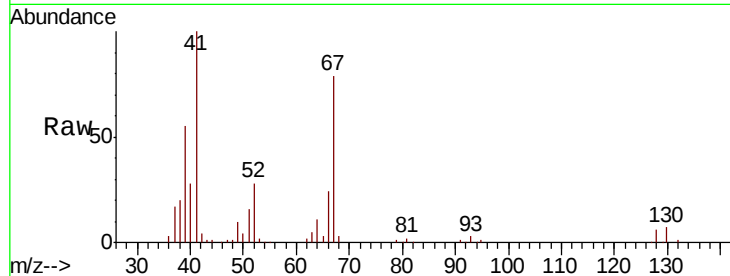
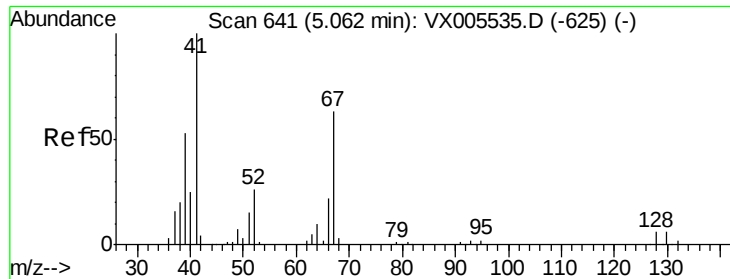
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#40
Benzene
Concen: 49.306 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.4	19.0	28.4	





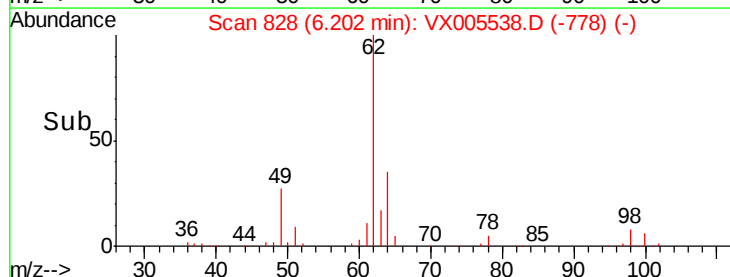
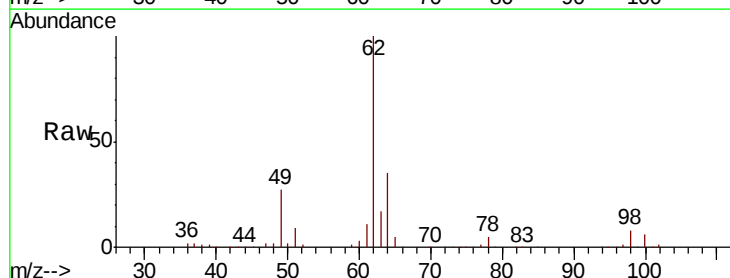
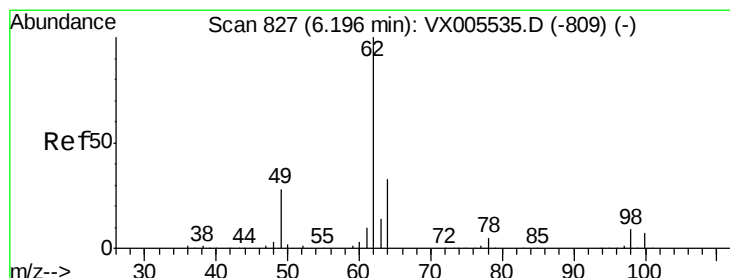
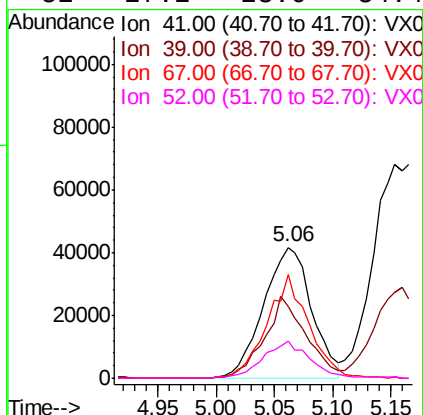
#41
Methacrylonitrile
Concen: 50.827 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.9	42.4	63.6		
67	69.5	59.2	88.8		
52	27.2	23.0	34.4		

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

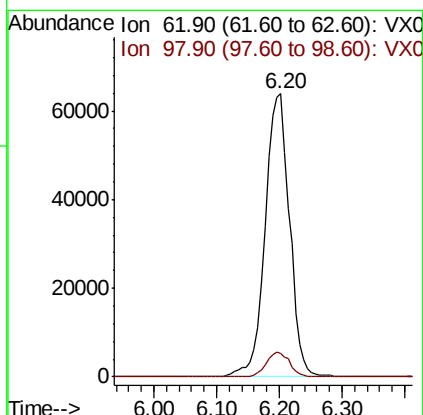
Manual Integrations
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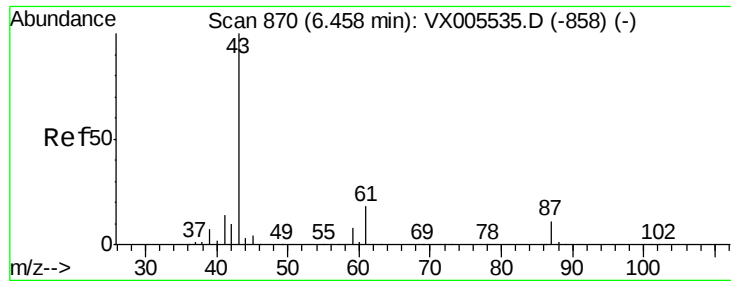
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#42
1,2-Dichloroethane
Concen: 47.980 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.5	0.0	20.6		





#43

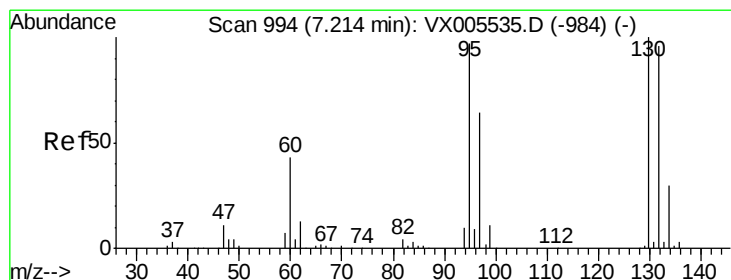
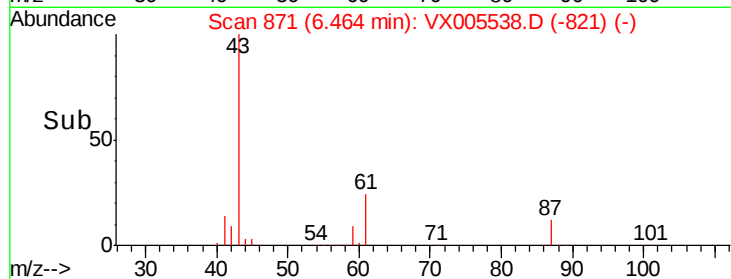
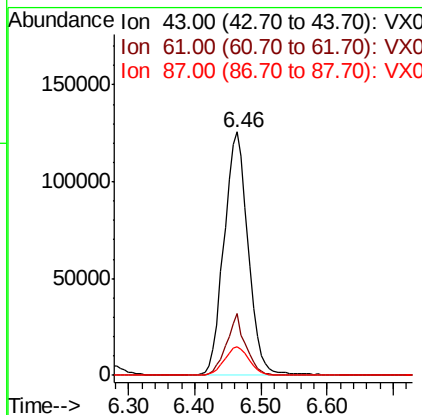
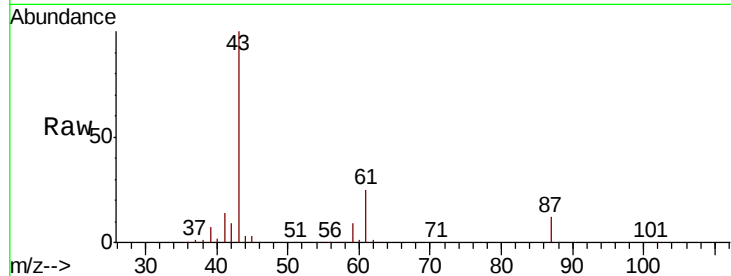
Isopropyl Acetate
 Concen: 50.159 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	17.0	25.4
87	12.0	11.4	17.2

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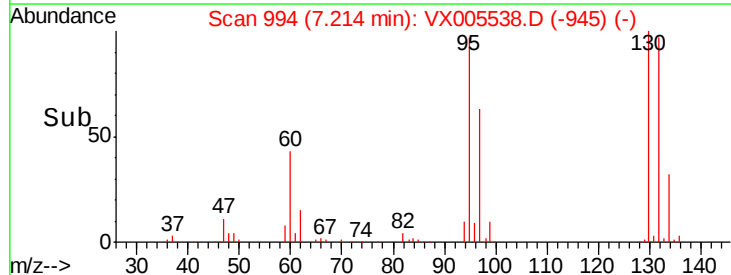
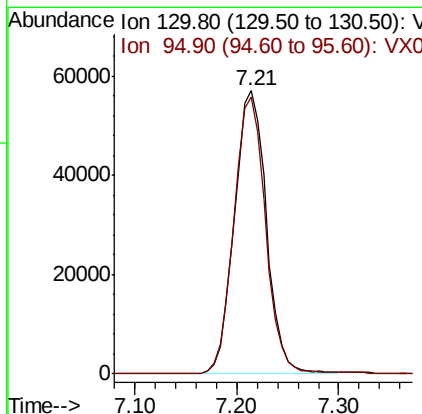
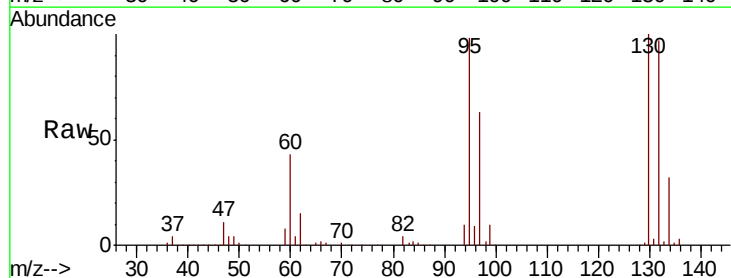
MMDadoda
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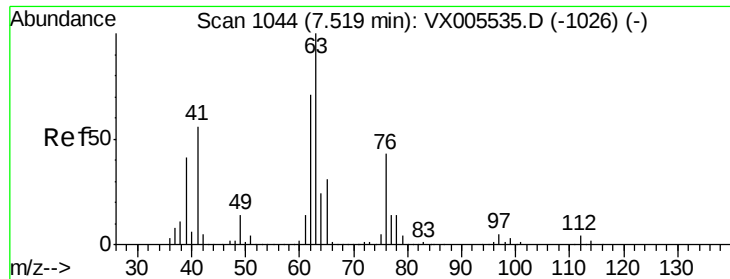


#44

Trichloroethene
 Concen: 48.306 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	181.6





#45

1,2-Dichloropropane

Concen: 47.715 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion: 63 Resp: 121005

Ion Ratio Lower Upper

63 100

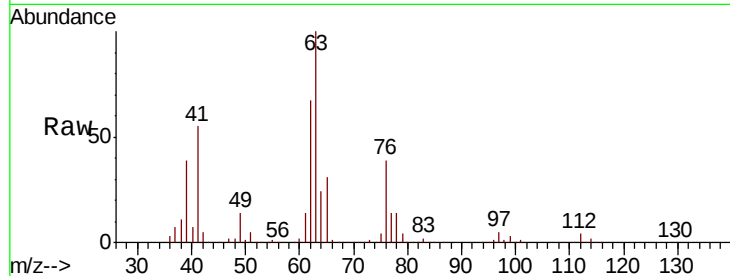
65 30.7 24.3 36.5

Manual Integrations

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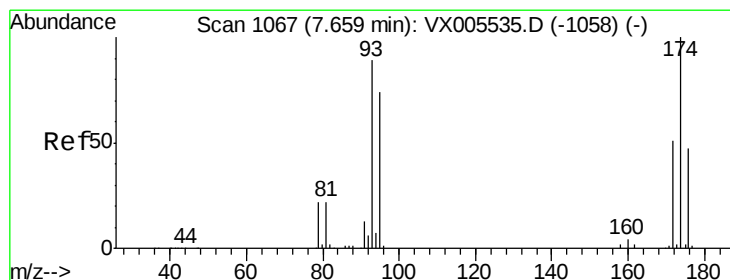
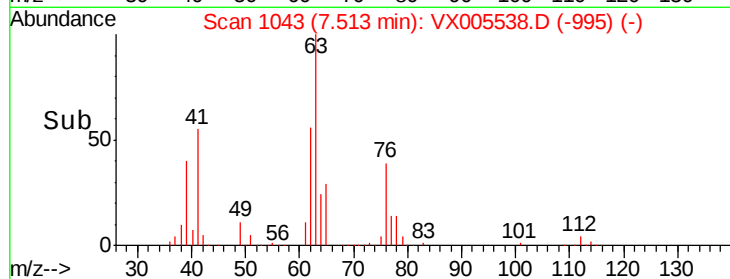
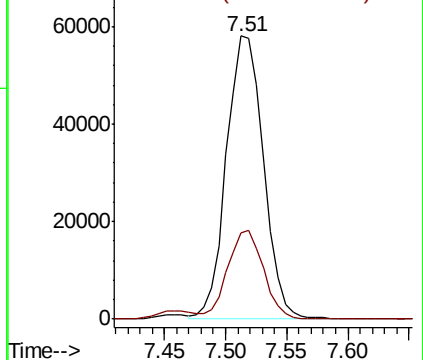
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.815 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

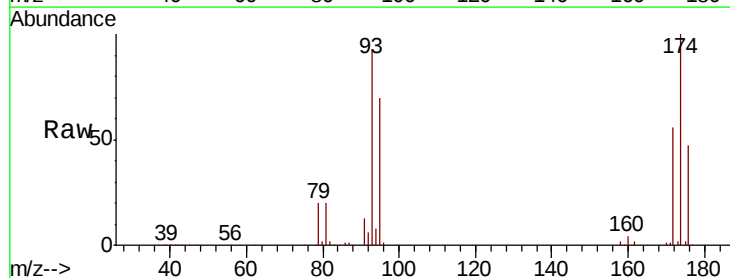
Tgt Ion: 93 Resp: 79954

Ion Ratio Lower Upper

93 100

95 82.2 65.5 98.3

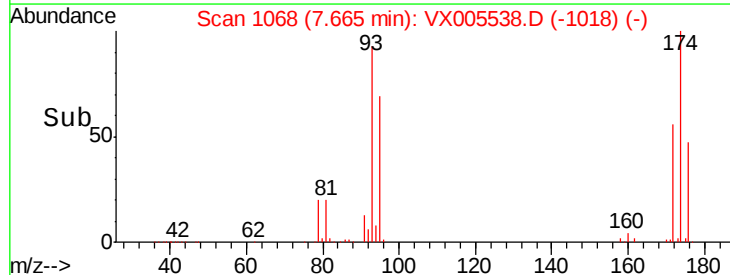
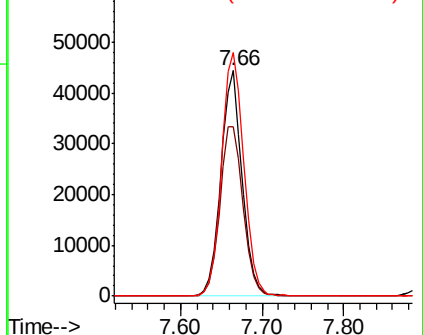
174 112.7 94.2 141.4

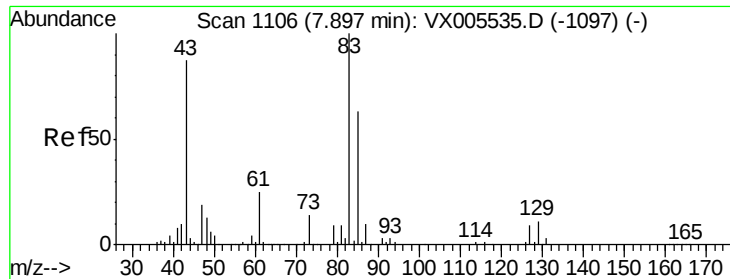


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.284 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

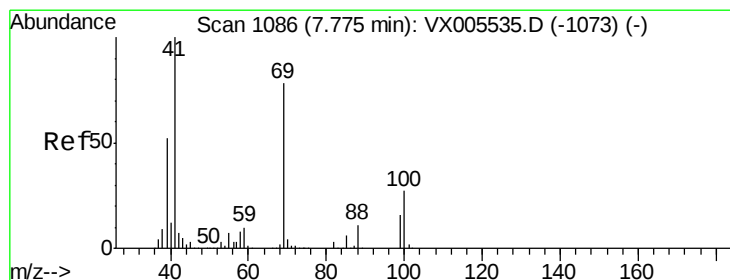
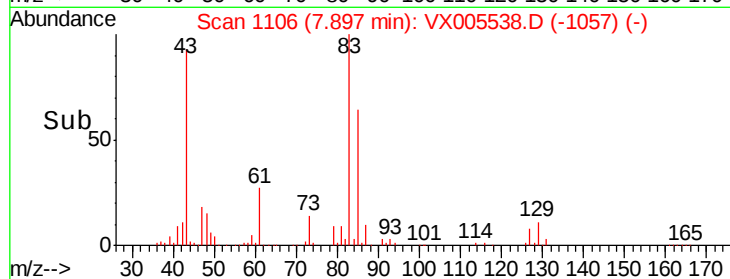
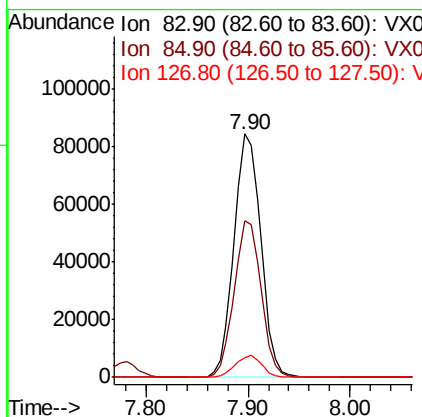
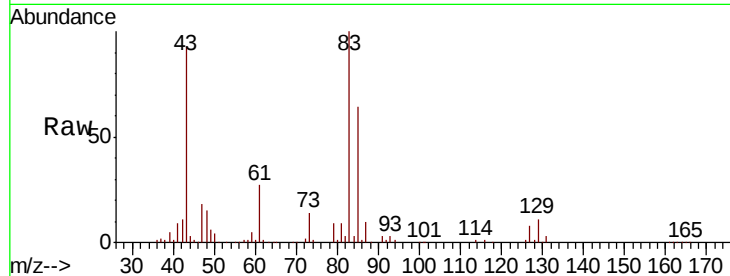
ClientSampleId :

ICVVX102418

Tot Ion:	83	Resp:	153491
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.9	76.3
127	8.1	7.3	10.9

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#48

Methyl methacrylate

Concen: 51.882 ug/l

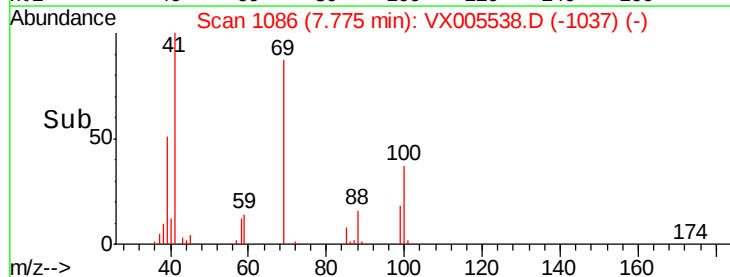
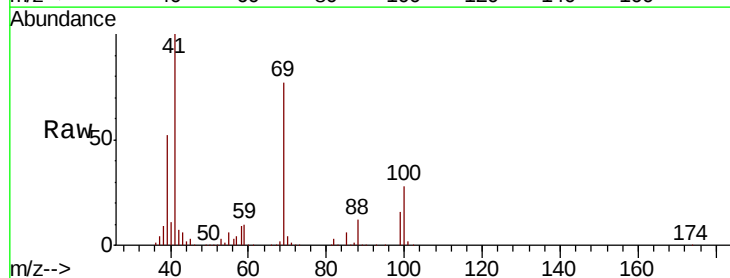
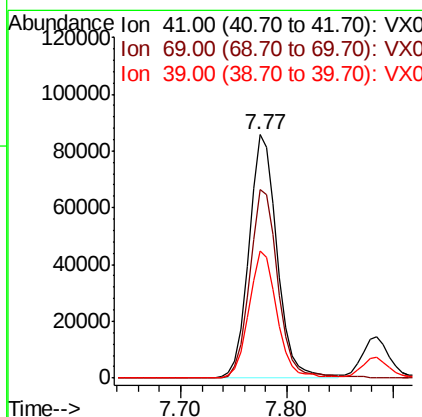
RT: 7.77 min Scan# 1086

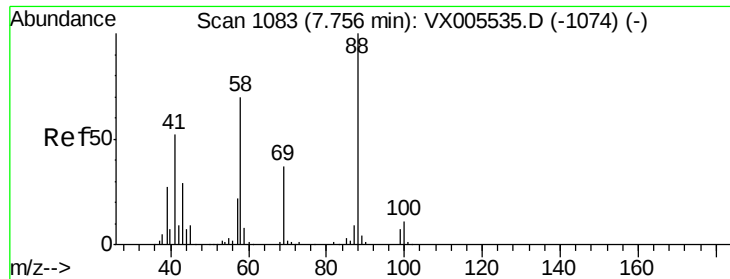
Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Tgt Ion:	41	Resp:	159035
Ion Ratio	Lower	Upper	
41	100		
69	78.3	70.2	105.4
39	51.8	42.7	64.1





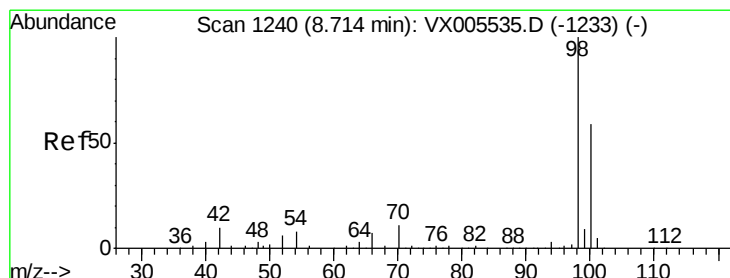
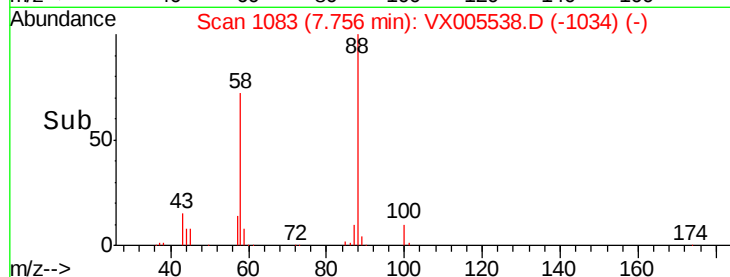
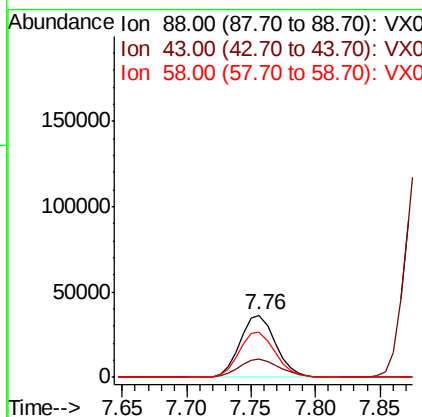
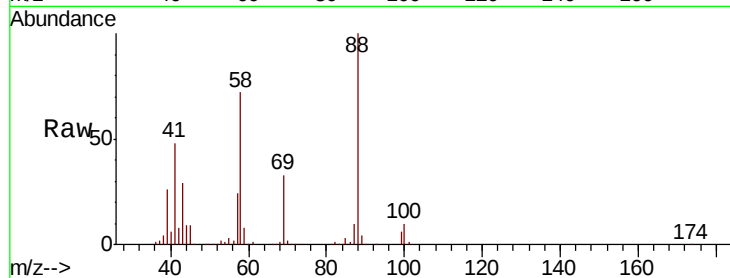
#49
1,4-Dioxane
Concen: 1035.147 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	24.7	37.1
58	74.2	55.3	82.9

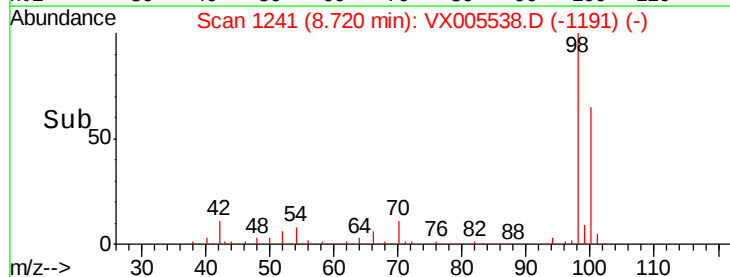
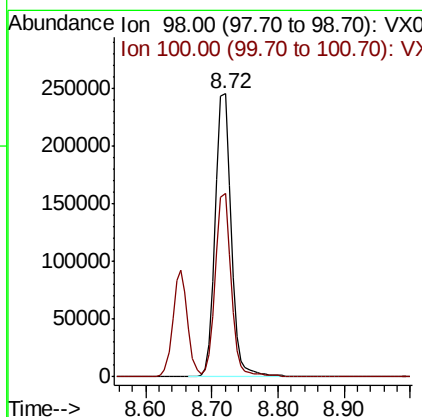
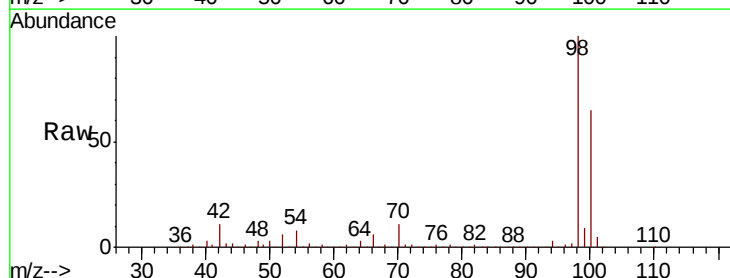
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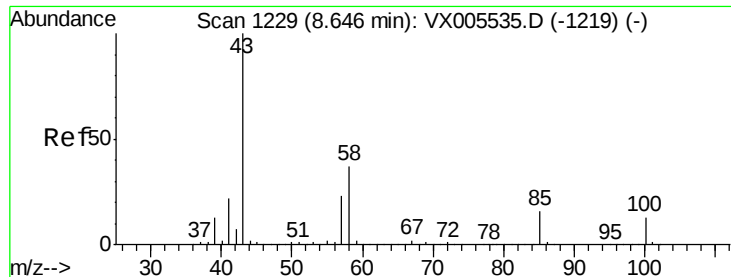
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#50
Toluene-d8
Concen: 49.569 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 254.819 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion: 43 Resp: 1077568

Ion Ratio Lower Upper

43 100

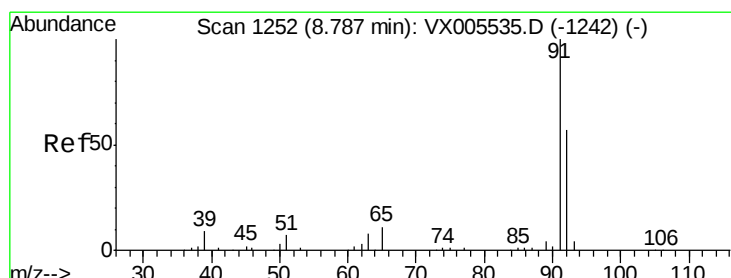
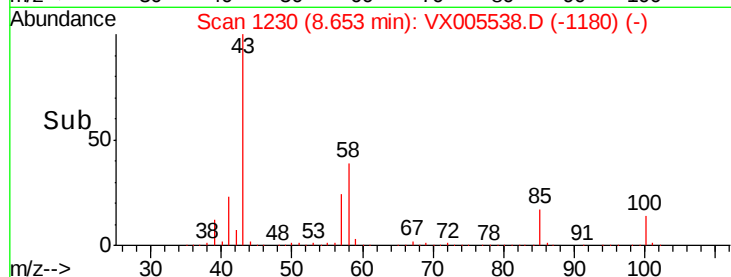
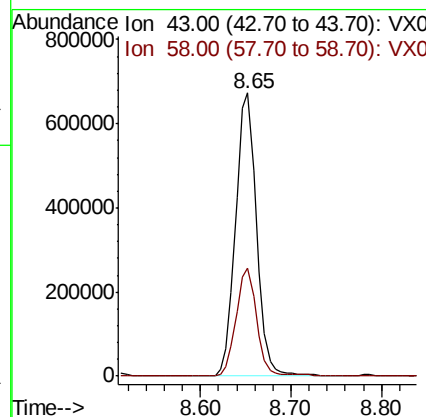
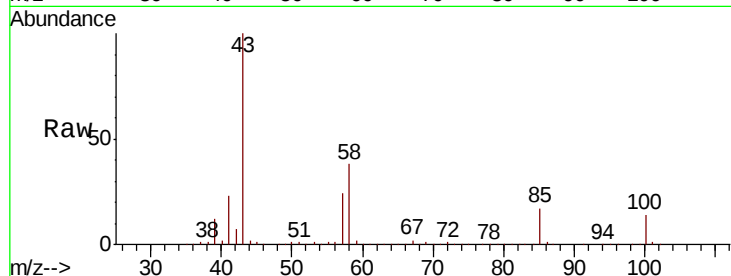
58 37.4 33.1 49.7

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#52

Toluene

Concen: 49.873 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005538.D

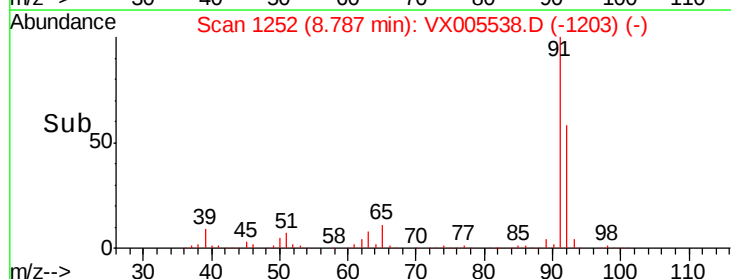
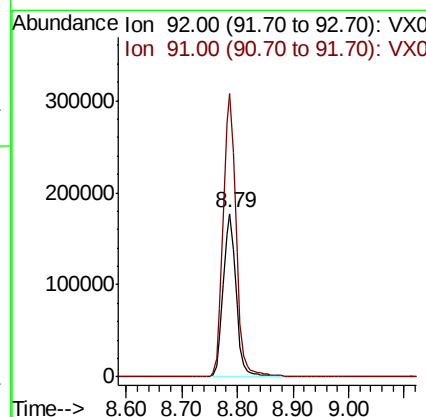
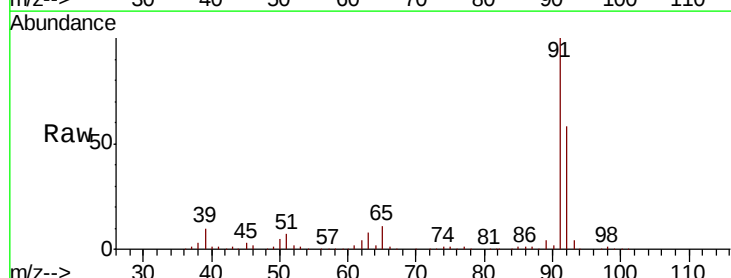
Acq: 24 Oct 2018 13:18

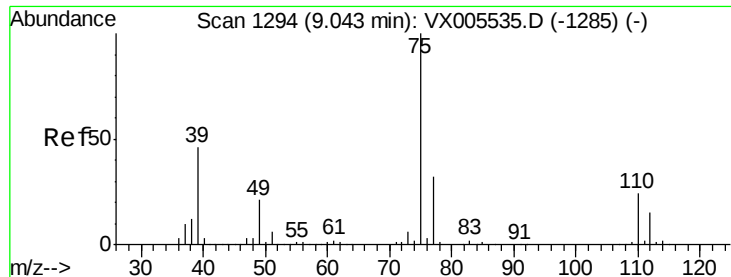
Tgt Ion: 92 Resp: 285906

Ion Ratio Lower Upper

92 100

91 174.8 136.4 204.6





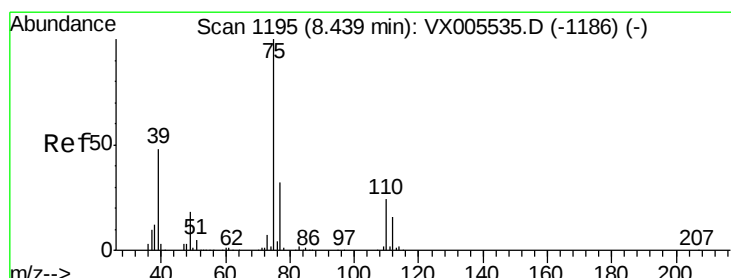
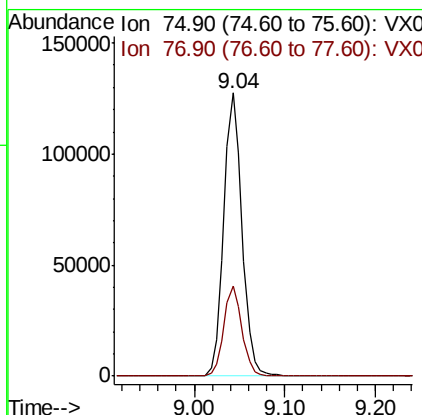
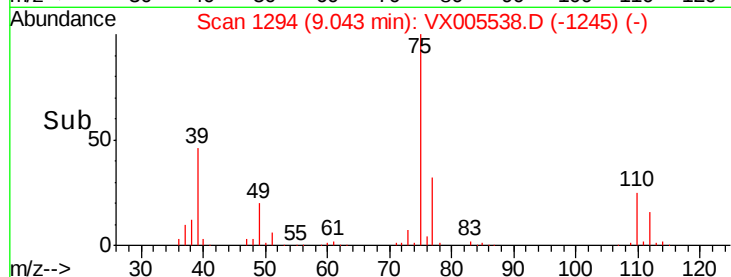
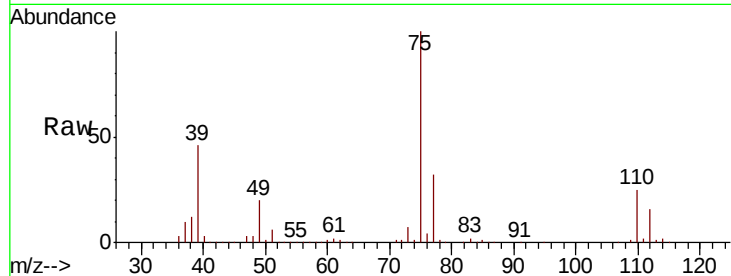
#53
 t-1,3-Dichloropropene
 Concen: 52.088 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion: 75 Resp: 178958
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0

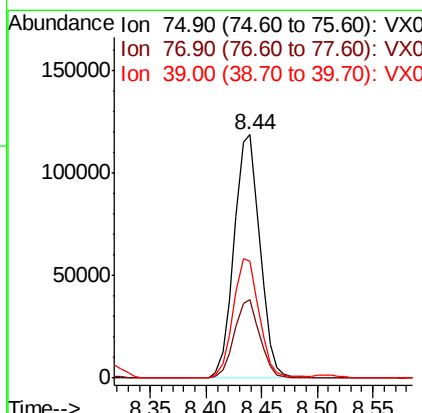
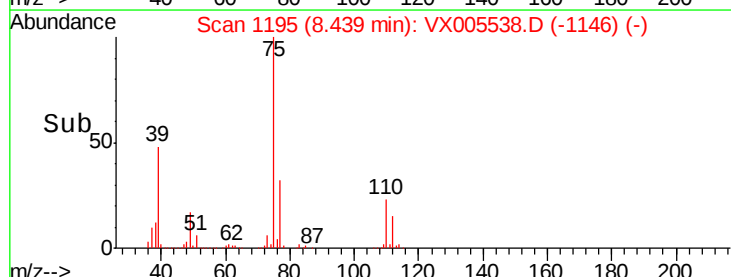
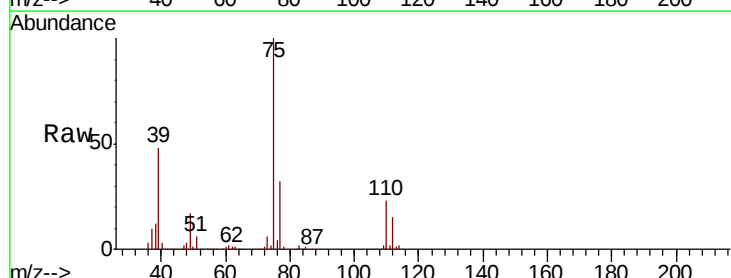
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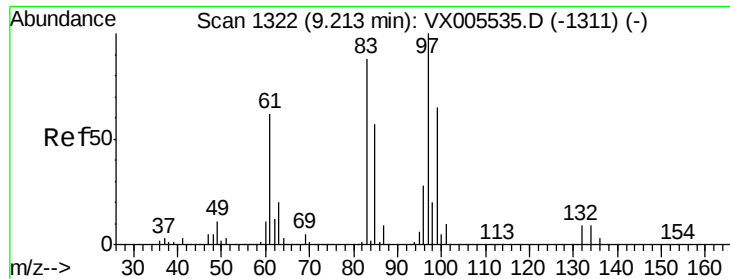
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#54
 cis-1,3-Dichloropropene
 Concen: 51.864 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion: 75 Resp: 191842
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.2
 39 48.0 36.4 54.6





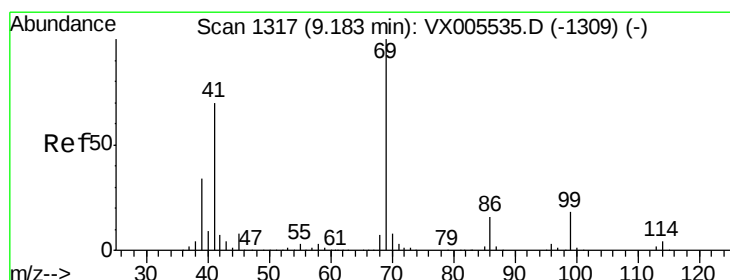
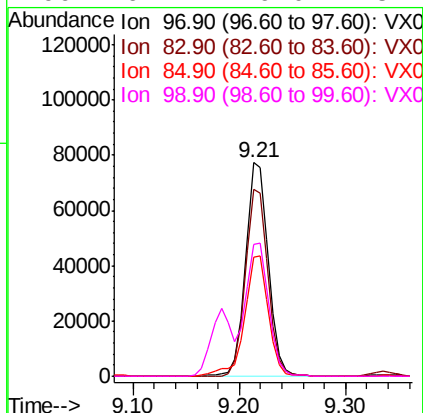
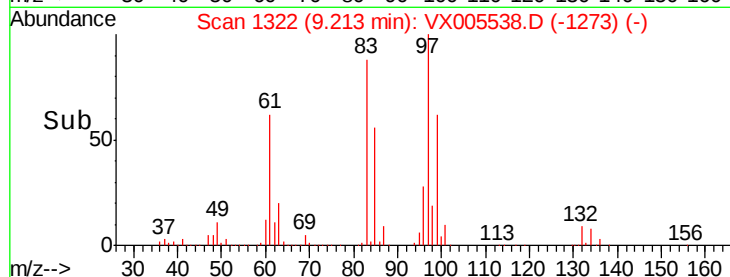
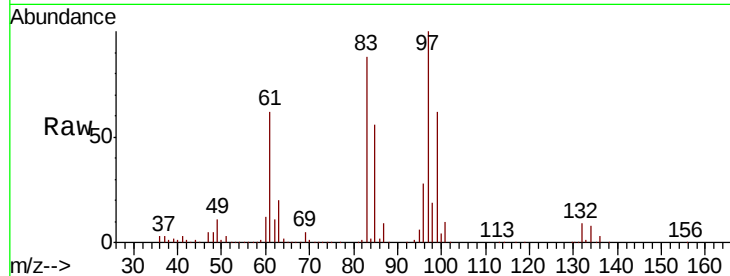
#55
 1,1,2-Trichloroethane
 Concen: 48.064 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion:	97	Resp:	116167
Ion Ratio	Lower	Upper	
97	100		
83	87.5	66.4	99.6
85	55.7	43.3	64.9
99	61.7	49.0	73.4

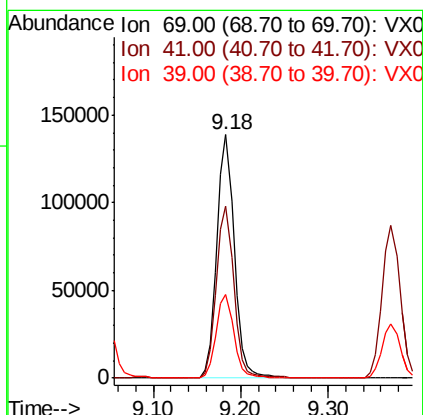
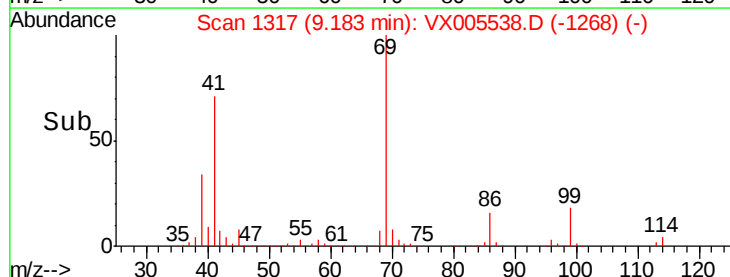
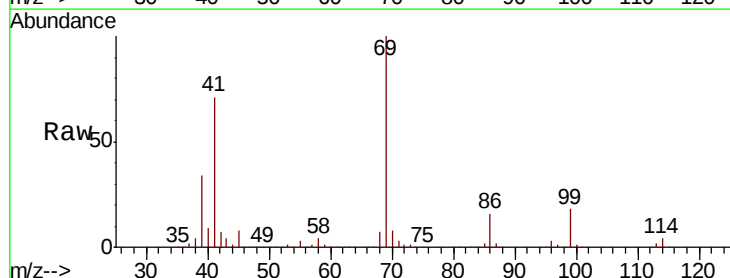
Manual Integrations
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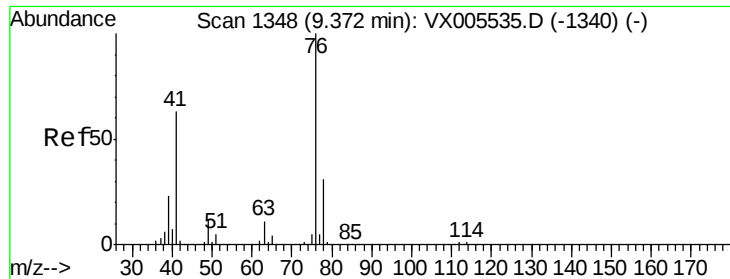
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#56
 Ethyl methacrylate
 Concen: 53.315 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion:	69	Resp:	192204
Ion Ratio	Lower	Upper	
69	100		
41	71.0	51.0	76.4
39	34.7	26.1	39.1





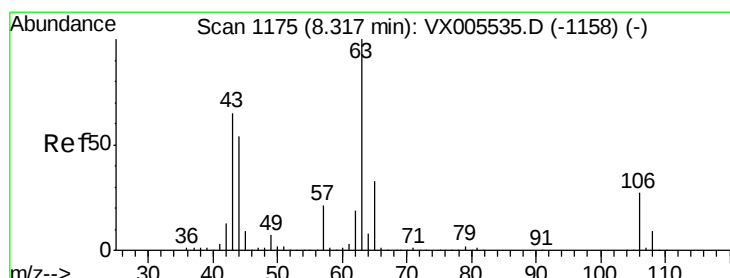
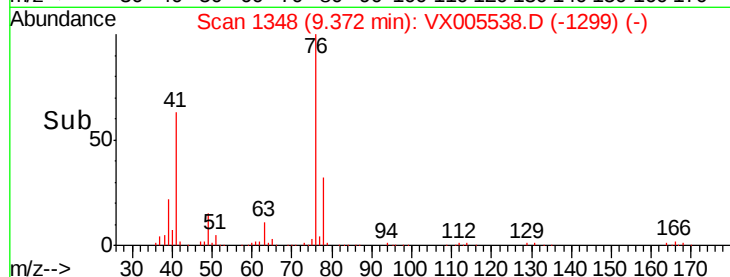
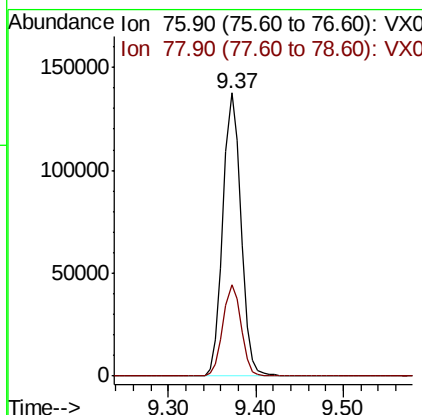
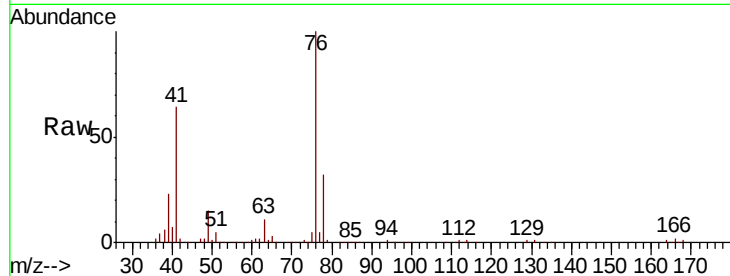
#57
 1,3-Dichloropropane
 Concen: 48.185 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.5	38.3

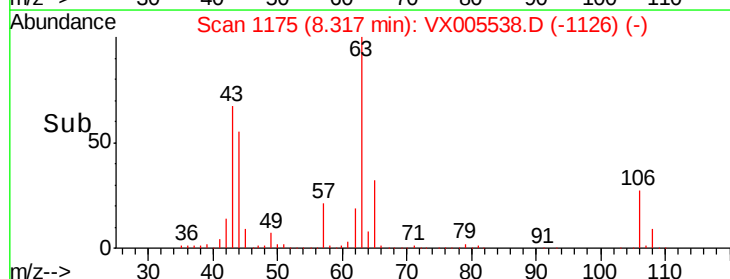
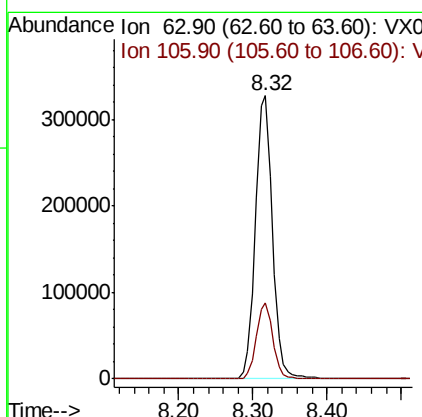
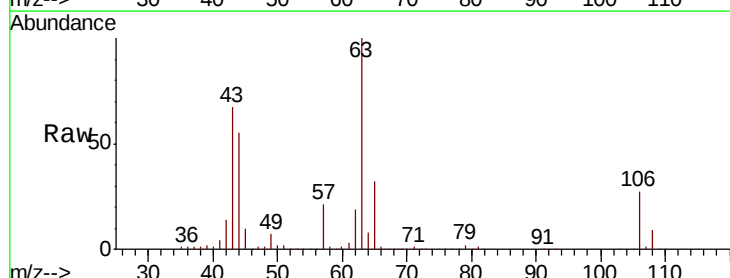
Manual Integrations
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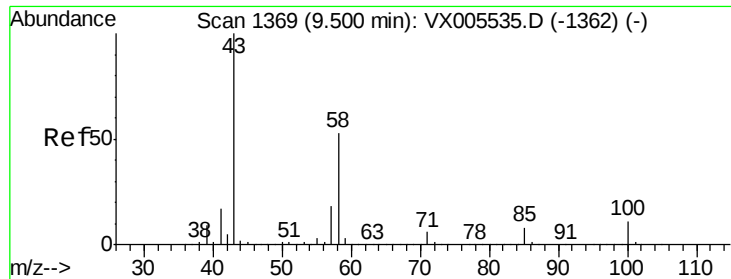
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.313 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.3	23.9	35.9





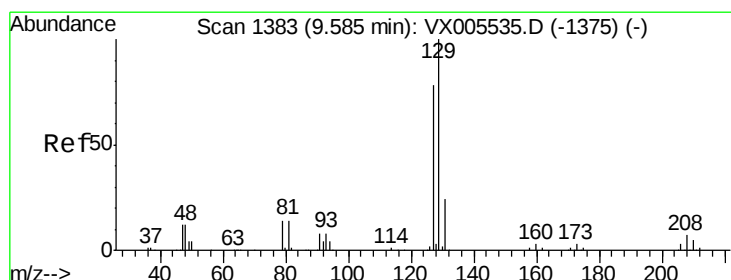
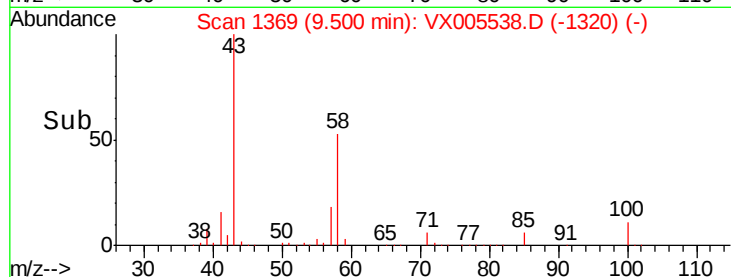
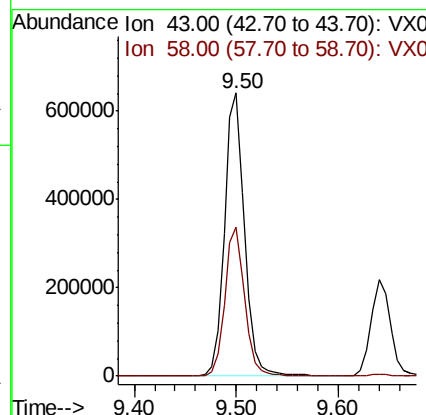
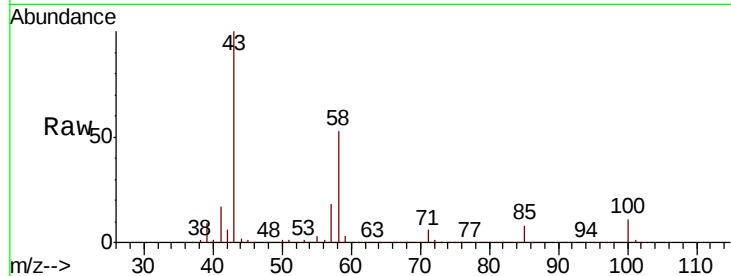
#59
2-Hexanone
Concen: 262.408 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion: 43 Resp: 874910
Ion Ratio Lower Upper
43 100
58 52.3 29.0 87.0

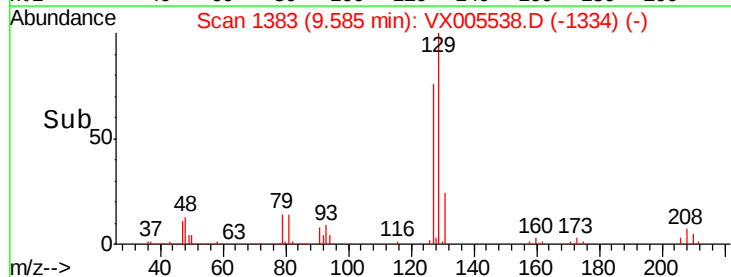
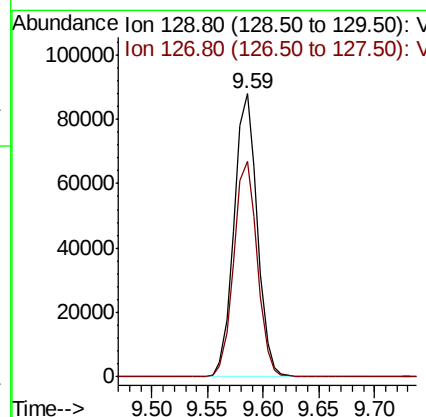
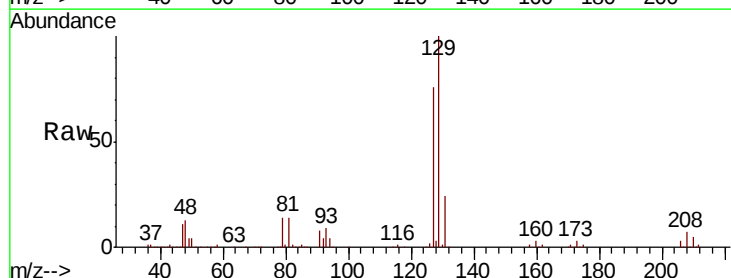
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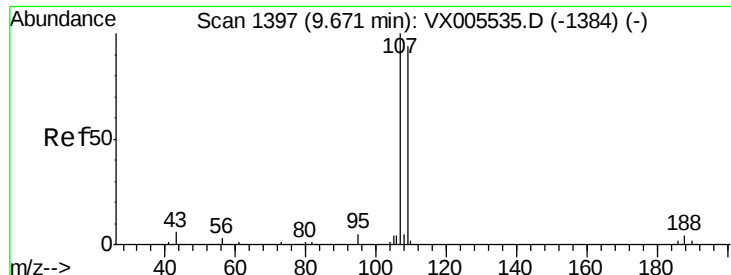
MMDadoda
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#60
Dibromochloromethane
Concen: 50.283 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion:129 Resp: 126798
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.566 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion:107 Resp: 123937

Ion Ratio Lower Upper

107 100

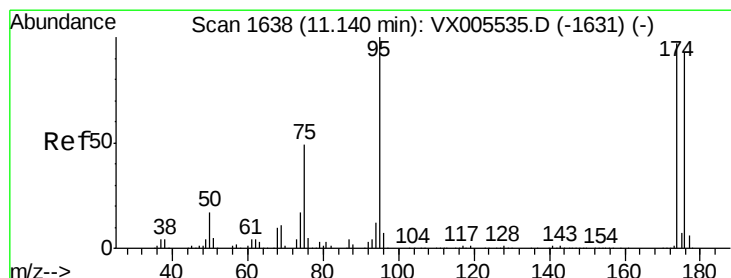
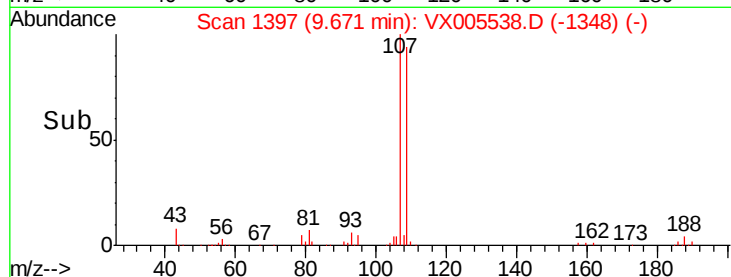
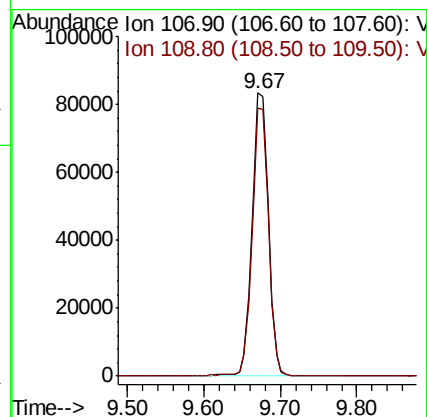
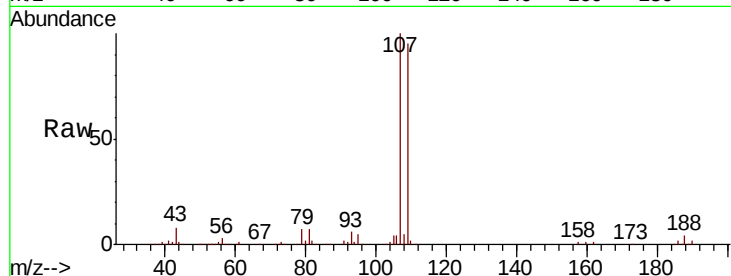
109 94.9 76.0 114.0

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#62

4-Bromofluorobenzene

Concen: 49.718 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

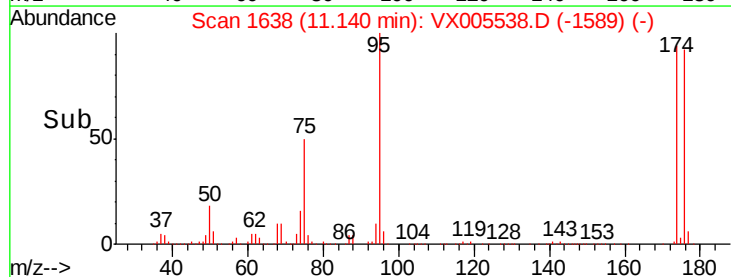
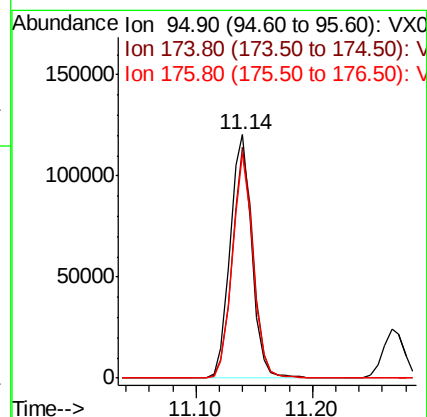
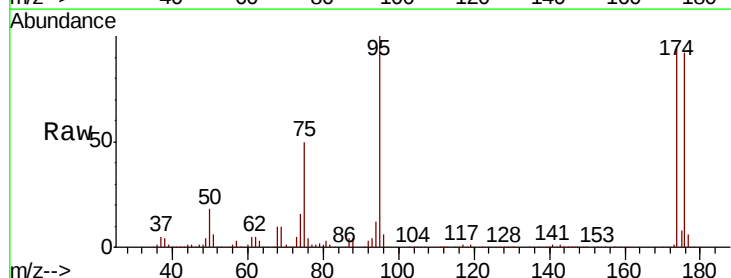
Tgt Ion: 95 Resp: 154893

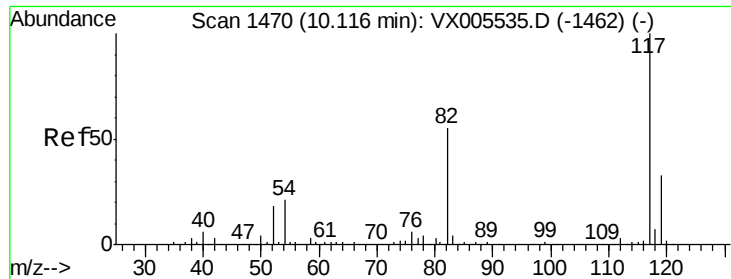
Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

176 88.6 0.0 178.6





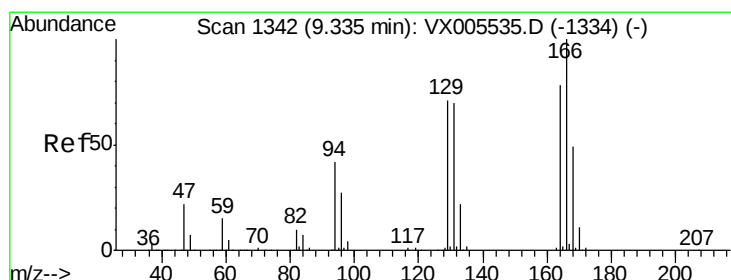
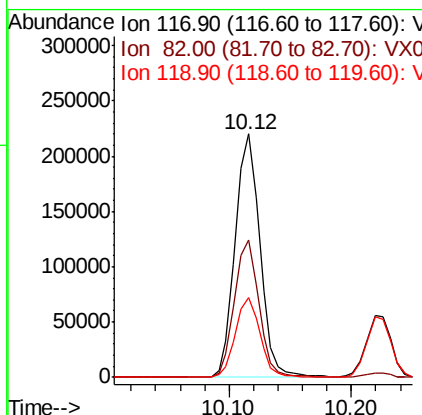
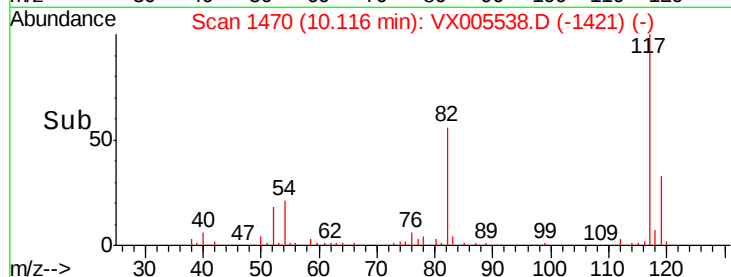
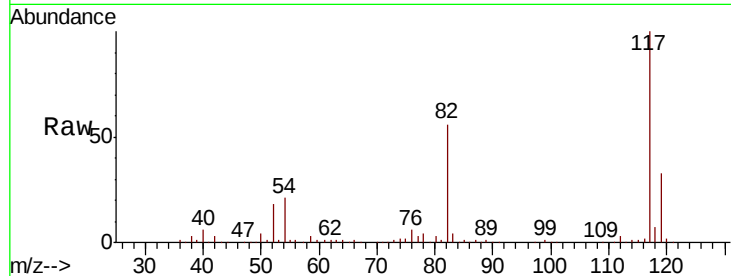
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.8	71.6
119	32.9	29.3	43.9

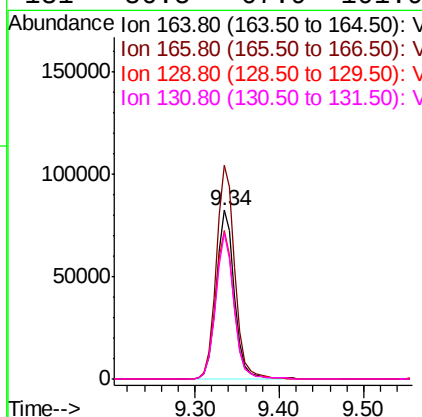
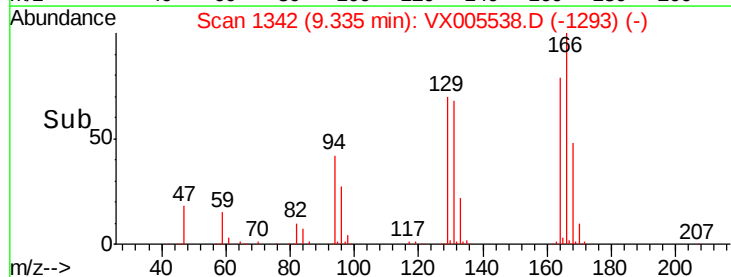
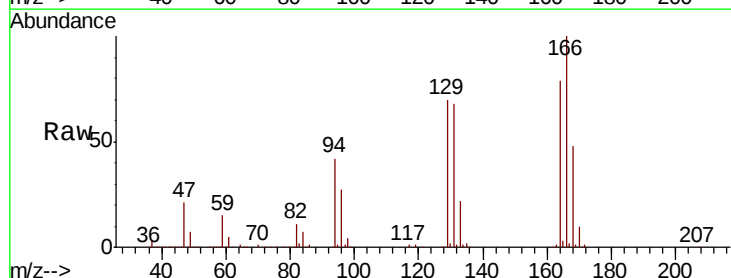
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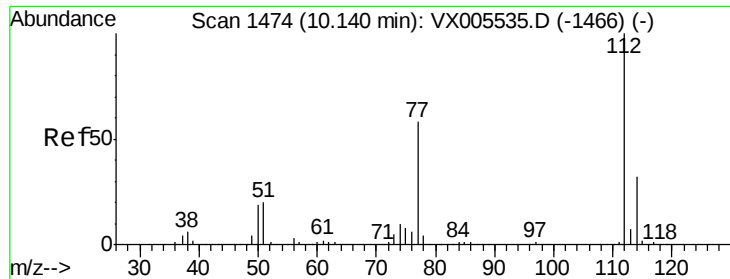
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#64
Tetrachloroethene
Concen: 47.979 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.8	154.2
129	88.5	69.4	104.0
131	86.5	67.9	101.9





#65

Chlorobenzene

Concen: 48.966 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion:112 Resp: 321887

Ion Ratio Lower Upper

112 100

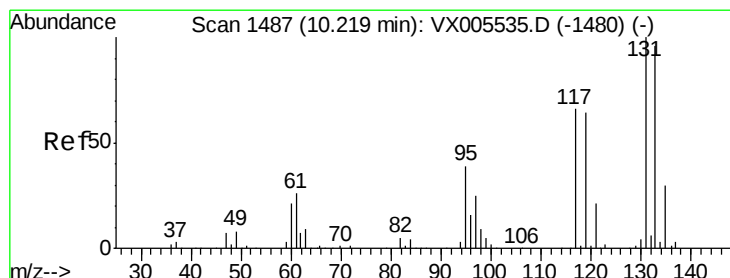
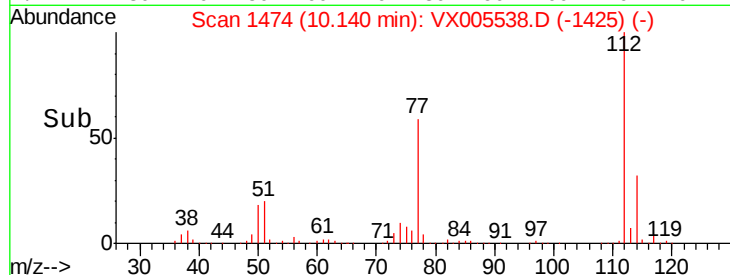
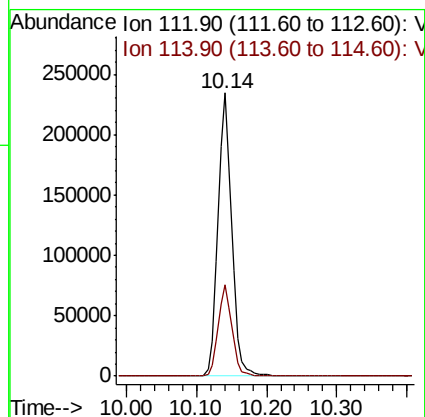
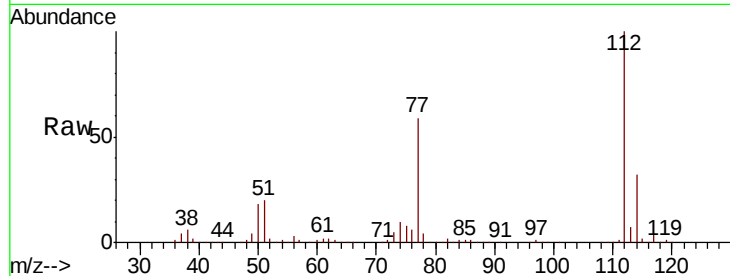
114 32.1 27.8 41.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 49.562 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

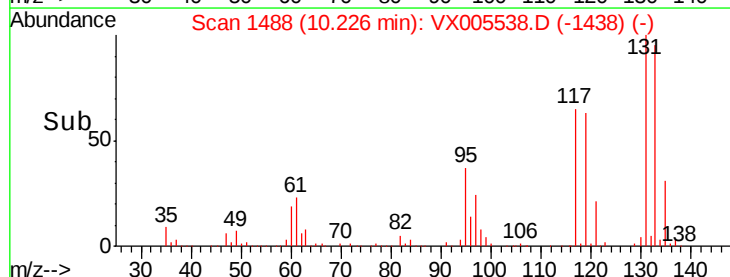
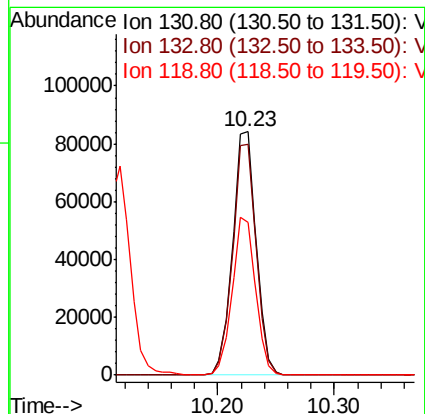
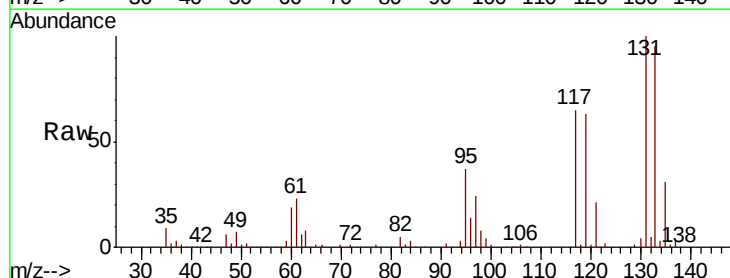
Tgt Ion:131 Resp: 118798

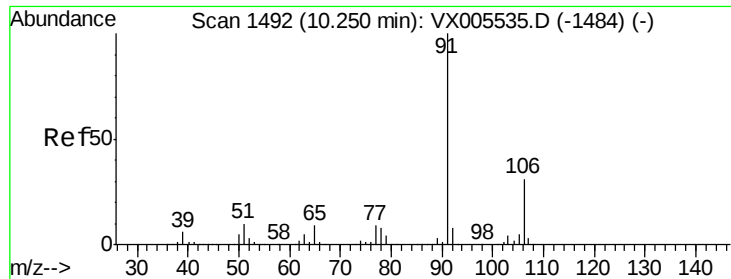
Ion Ratio Lower Upper

131 100

133 94.9 48.1 144.4

119 64.3 32.9 98.6





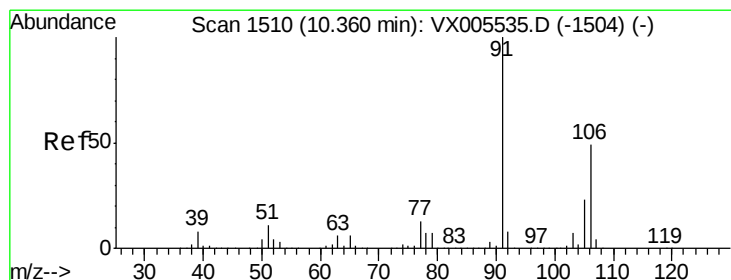
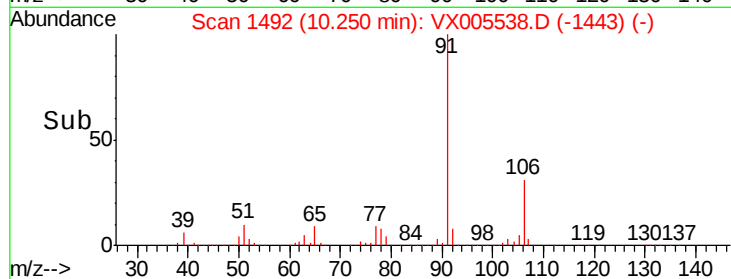
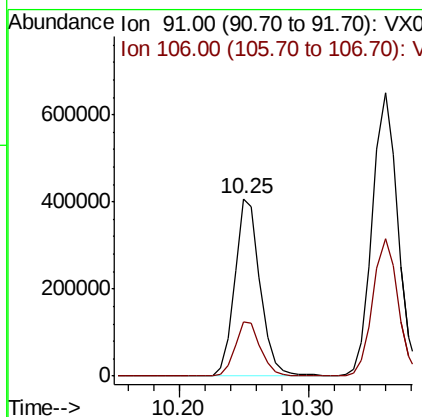
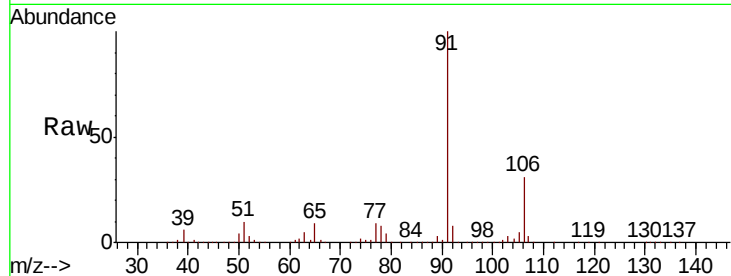
#67
Ethyl Benzene
Concen: 51.798 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion: 91 Resp: 560227
Ion Ratio Lower Upper
91 100
106 30.6 25.9 38.9

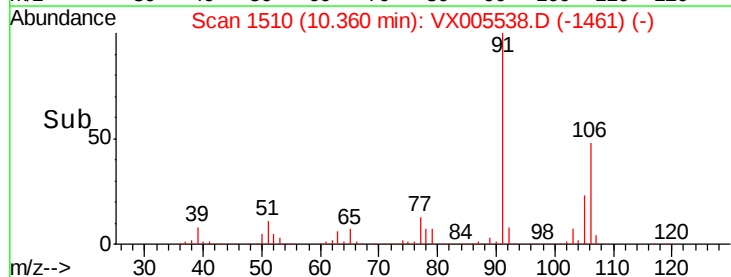
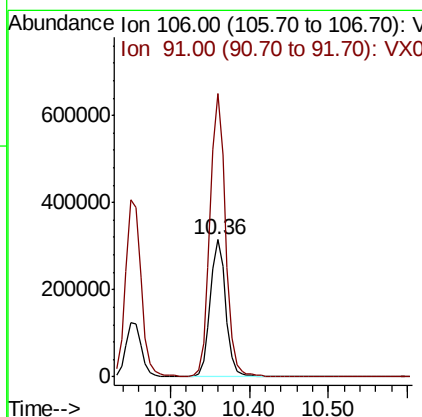
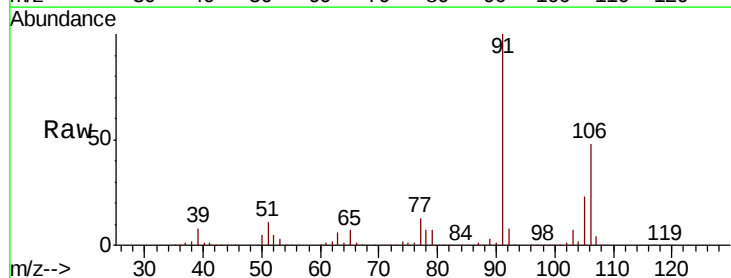
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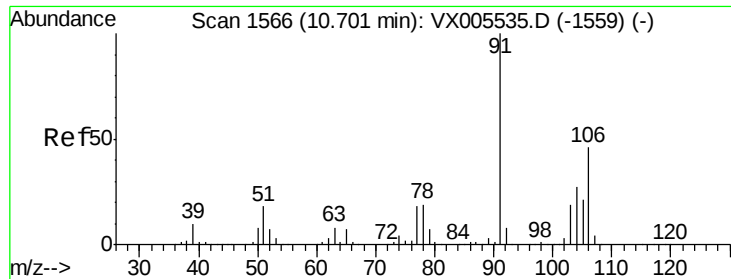
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#68
m/p-Xylenes
Concen: 102.667 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 106 Resp: 430804
Ion Ratio Lower Upper
106 100
91 206.8 157.1 235.7





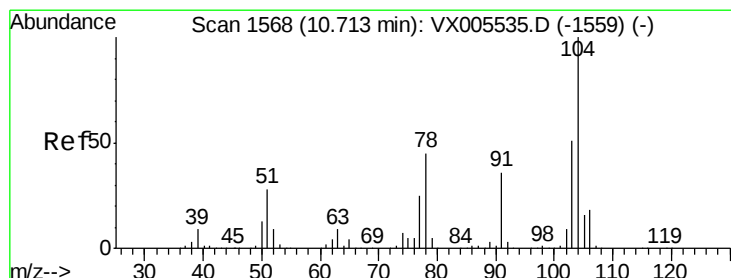
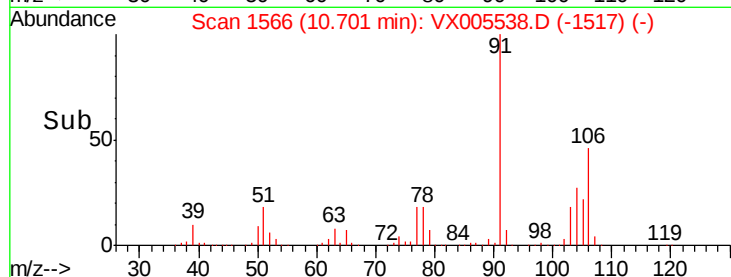
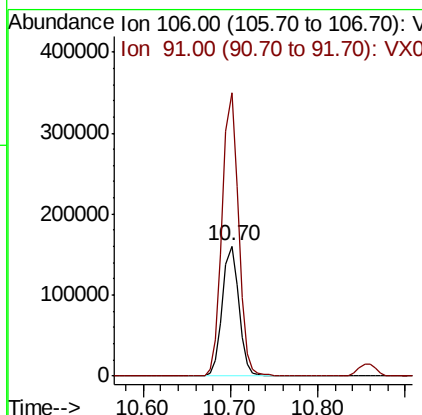
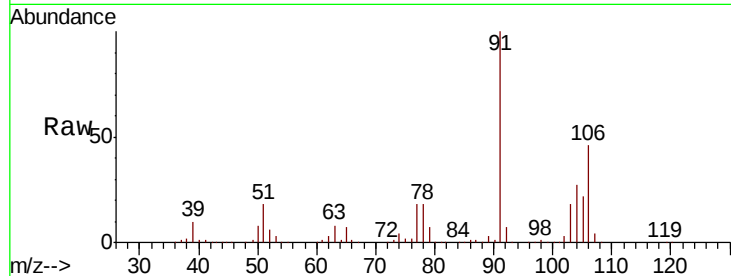
#69
o-Xylene
Concen: 53.219 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion:106 Resp: 210099
Ion Ratio Lower Upper
106 100
91 215.8 105.1 315.1

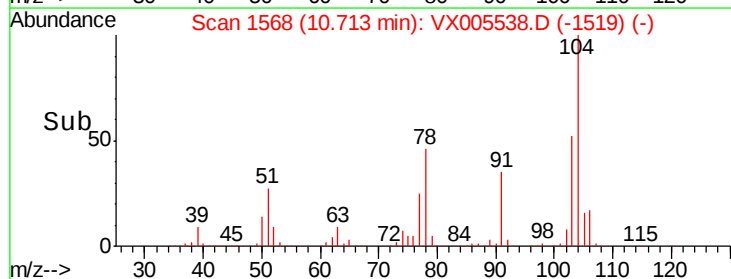
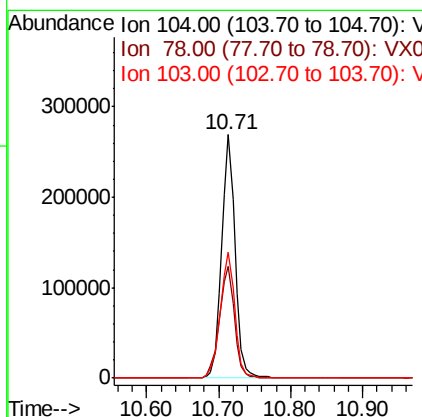
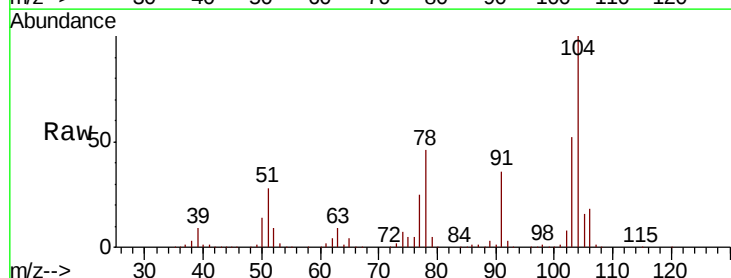
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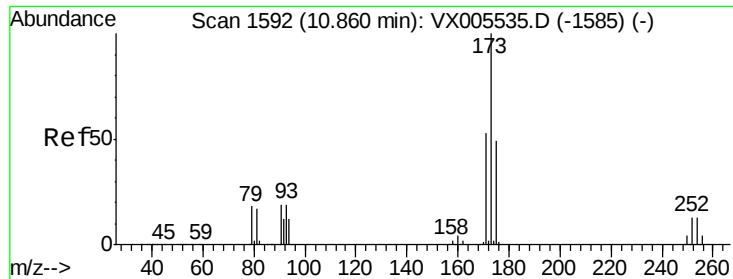
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#70
Styrene
Concen: 52.932 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion:104 Resp: 349814
Ion Ratio Lower Upper
104 100
78 50.8 37.4 56.0
103 56.2 43.8 65.6





#71

Bromoform

Concen: 50.071 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion:173 Resp: 107097

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.3

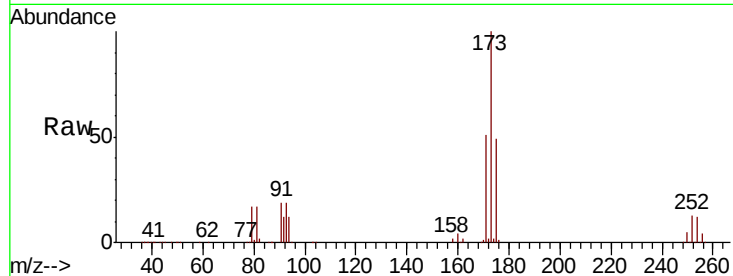
254 0.2 0.2 0.2

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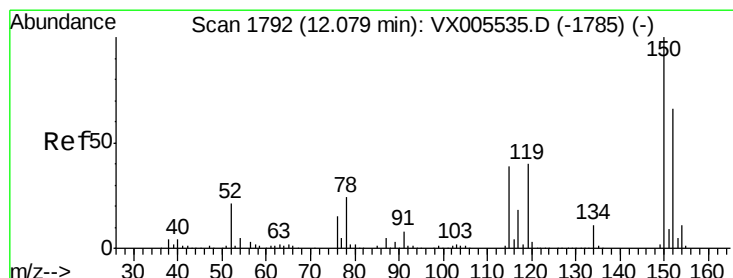
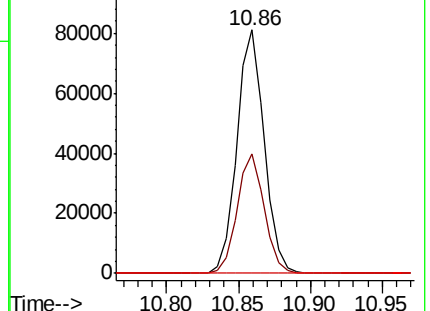
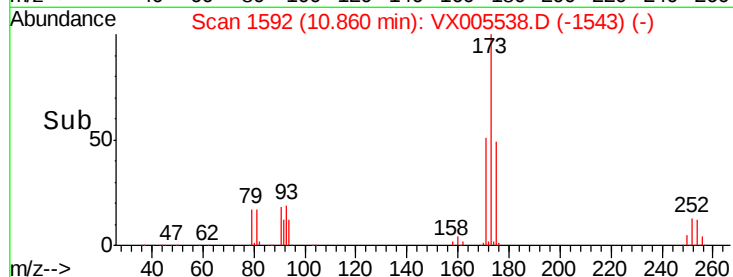
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

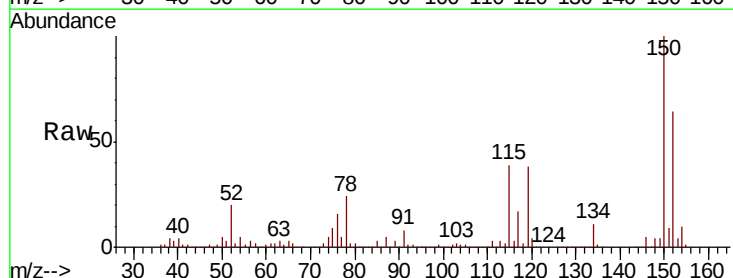
Tgt Ion:152 Resp: 176172

Ion Ratio Lower Upper

152 100

115 79.6 39.0 117.0

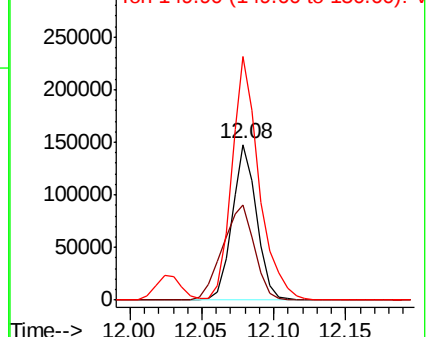
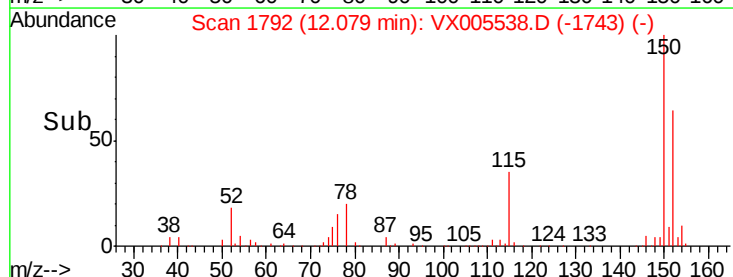
150 173.8 0.0 351.0

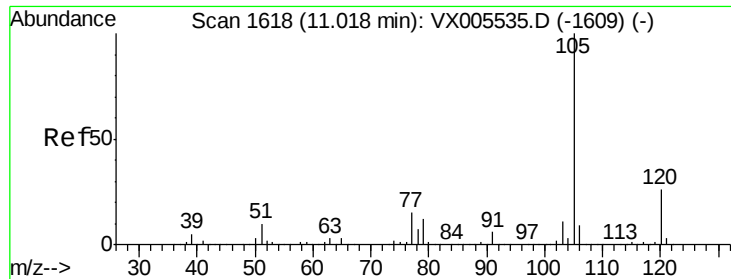


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.096 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion: 105 Resp: 571796

Ion Ratio Lower Upper

105 100

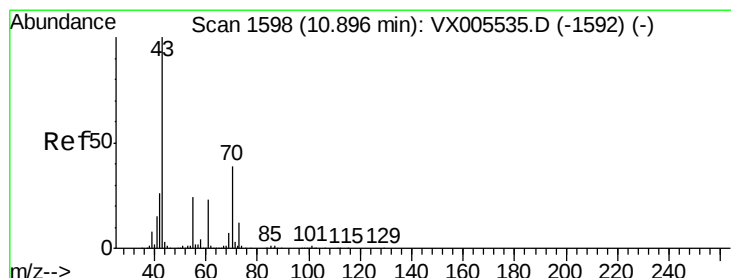
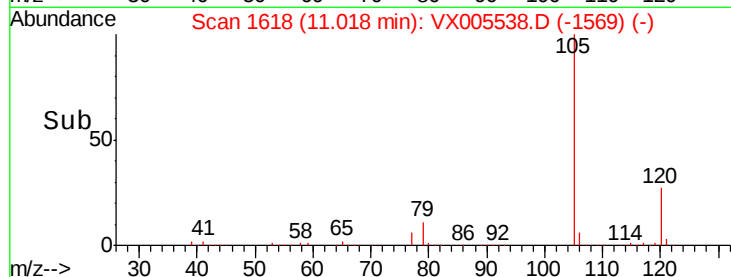
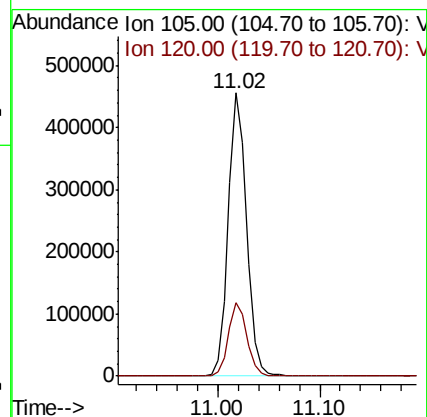
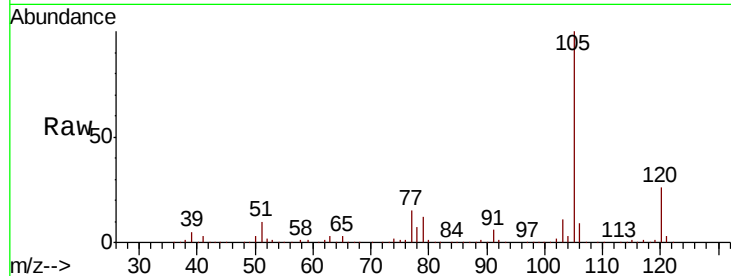
120 26.2 13.5 40.4

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#74

N-ethyl acetate

Concen: 54.413 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Tgt Ion: 43 Resp: 290356

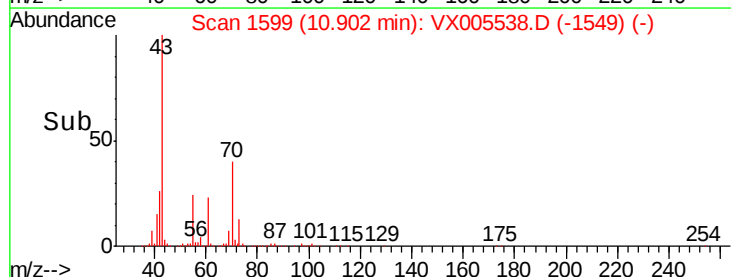
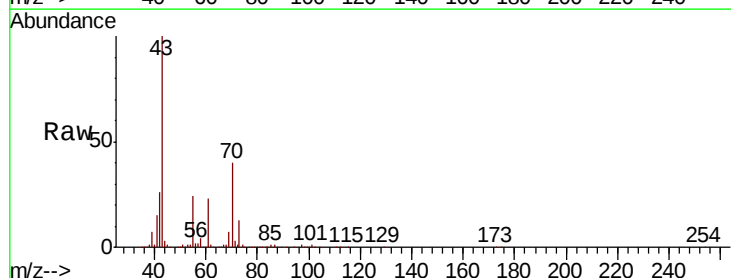
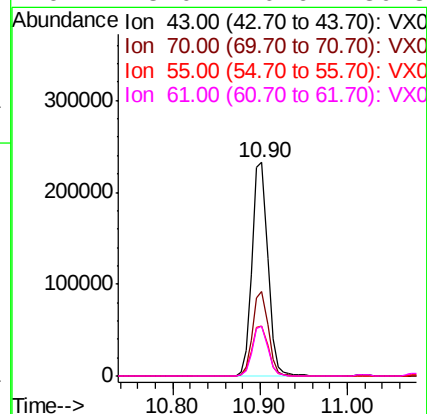
Ion Ratio Lower Upper

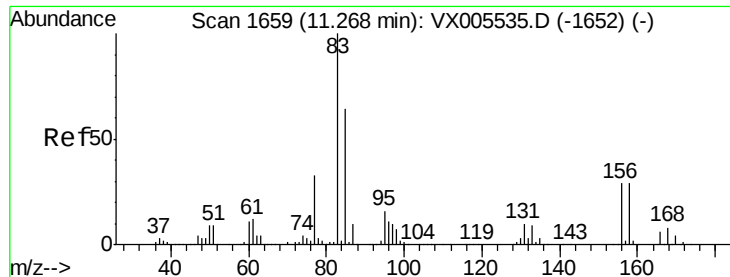
43 100

70 39.1 37.4 56.0

55 24.3 21.8 32.8

61 23.0 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.393 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

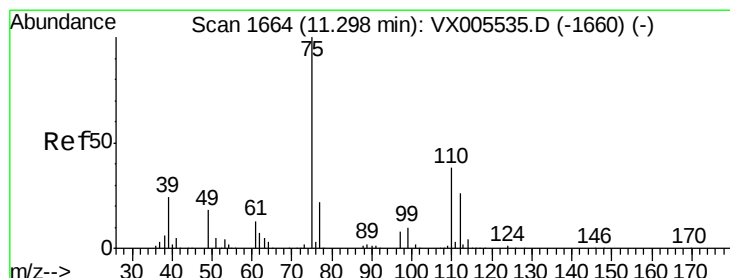
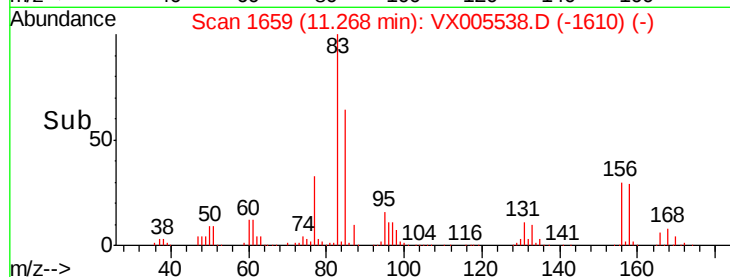
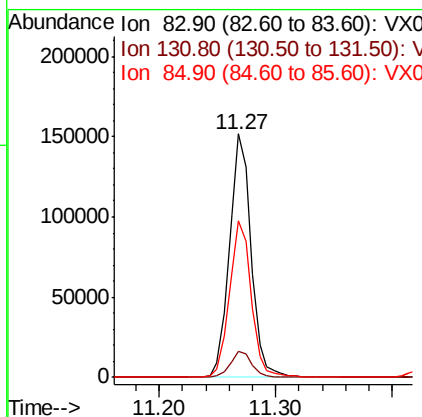
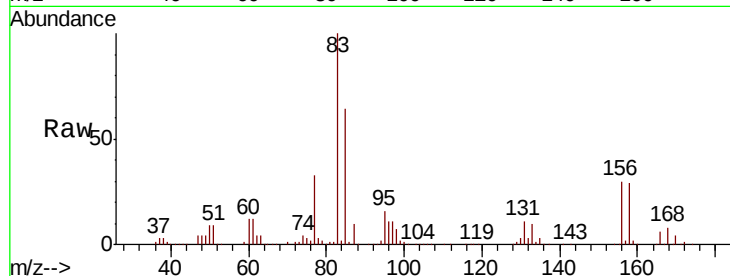
ClientSampleId :

ICVVX102418

Tot Ion:	83	Resp:	196241
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.8	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 51.835 ug/l m

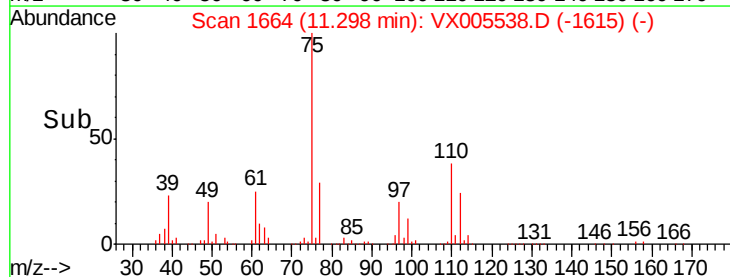
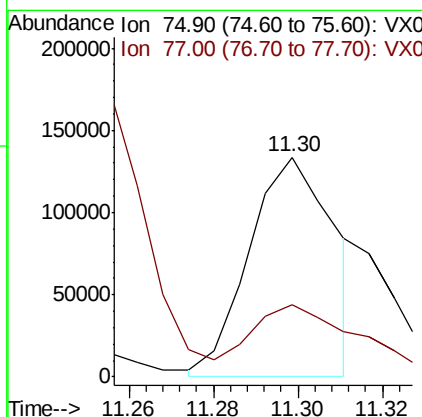
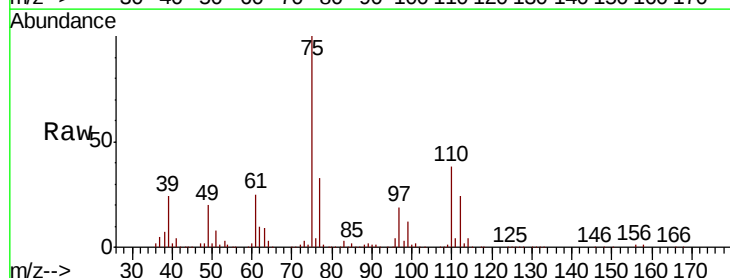
RT: 11.30 min Scan# 1664

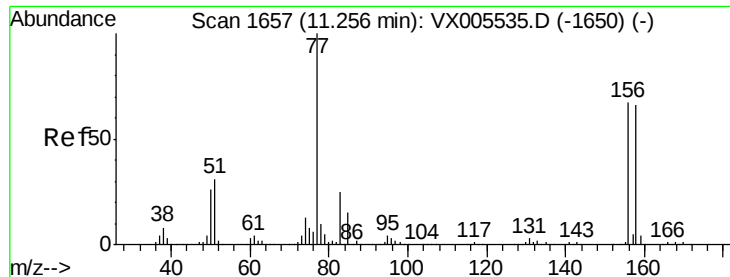
Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Tgt Ion:	75	Resp:	186003
Ion Ratio	Lower	Upper	
75	100		
77	41.7	20.2	60.6





#77

Bromobenzene

Concen: 50.494 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

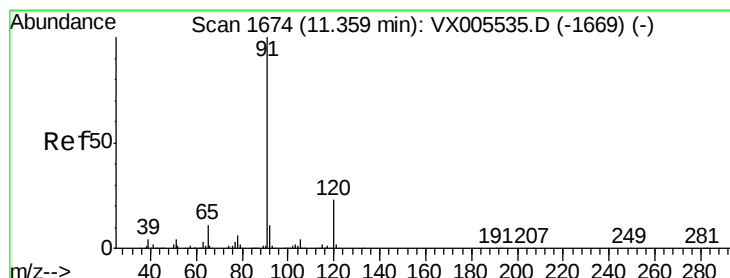
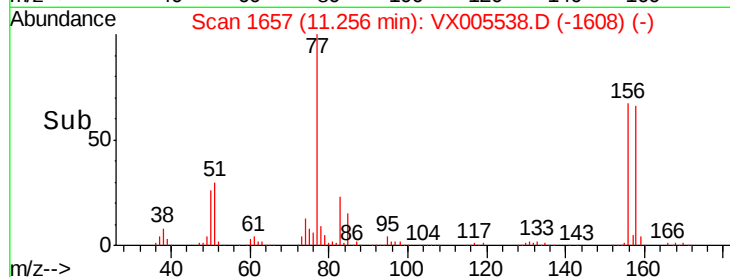
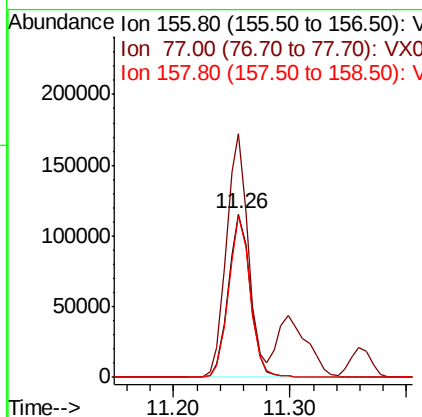
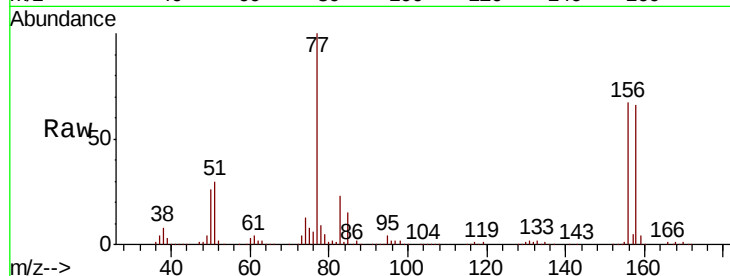
ClientSampleId :

ICVVX102418

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		151545		
77	148.2	71.5	214.3		
158	97.4	48.9	146.8		

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#78

n-propylbenzene

Concen: 53.742 ug/l

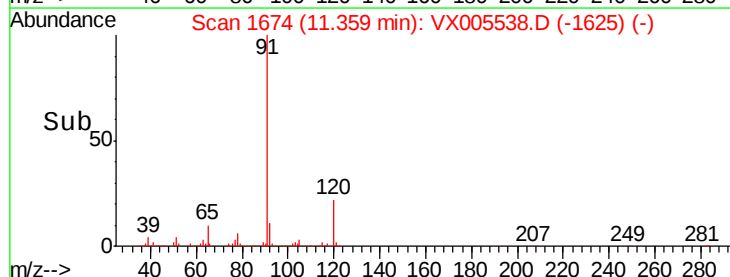
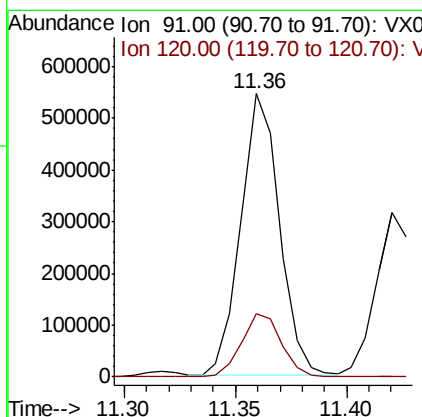
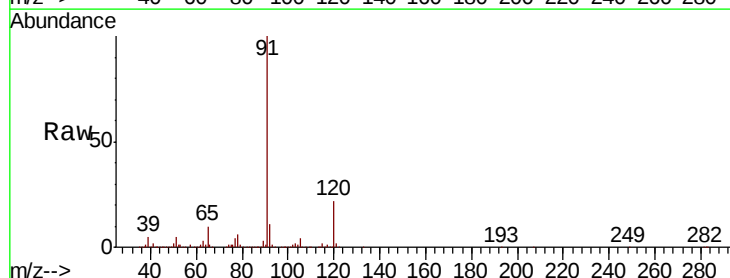
RT: 11.36 min Scan# 1674

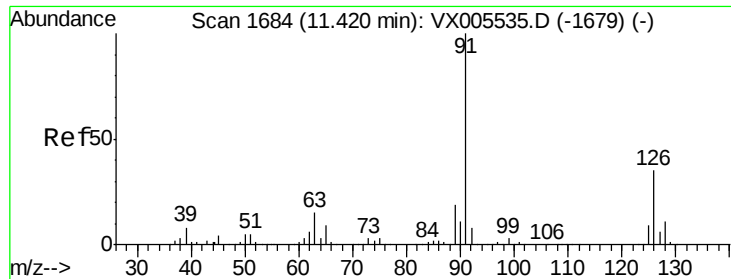
Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		661780		
120	23.4	11.9	35.9		





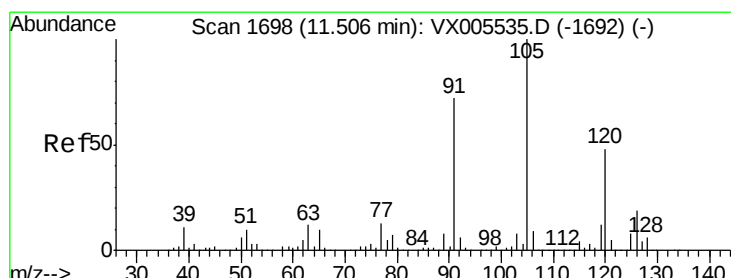
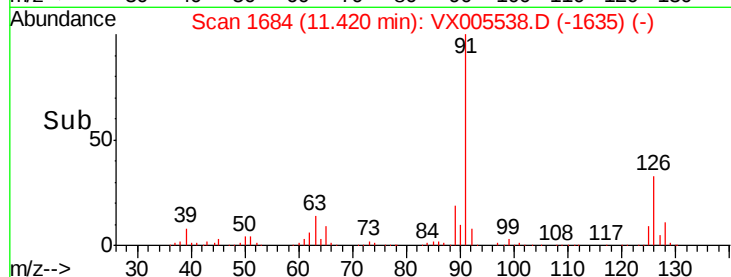
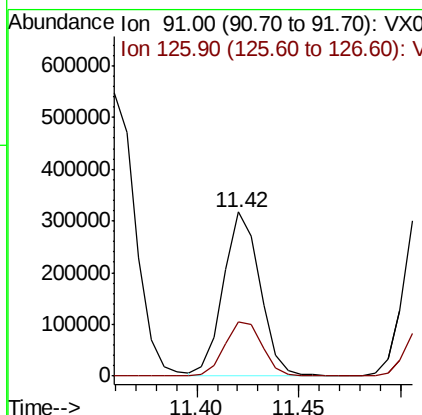
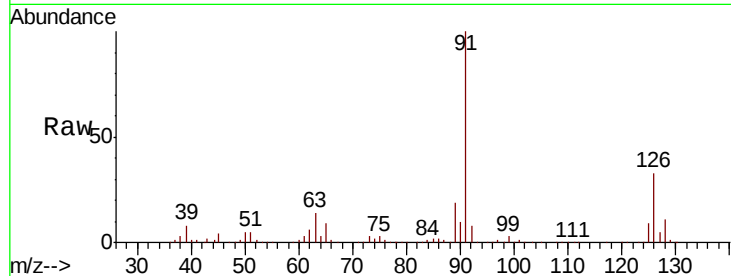
#79
2-Chlorotoluene
Concen: 51.124 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion: 91 Resp: 390338
Ion Ratio Lower Upper
91 100
126 34.7 17.9 53.7

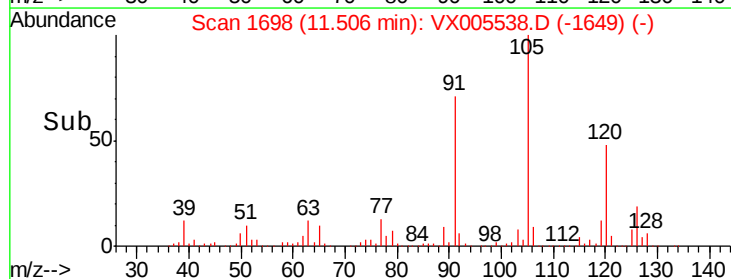
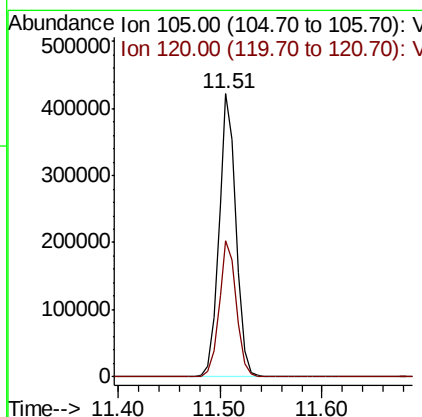
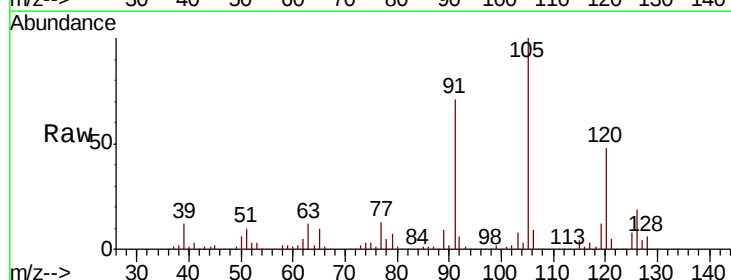
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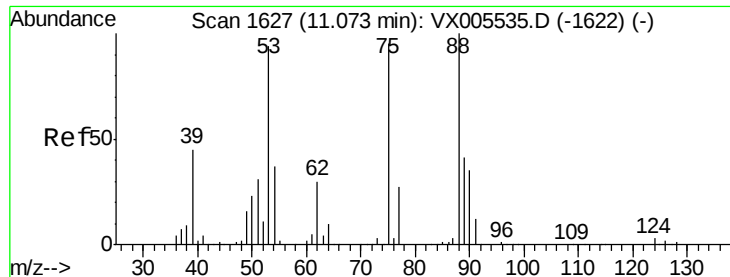
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#80
1,3,5-Trimethylbenzene
Concen: 53.354 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 105 Resp: 491518
Ion Ratio Lower Upper
105 100
120 48.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.658 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

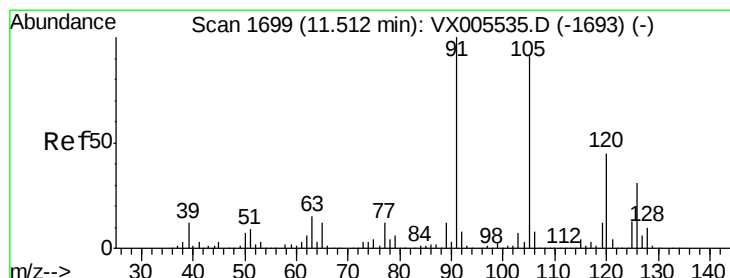
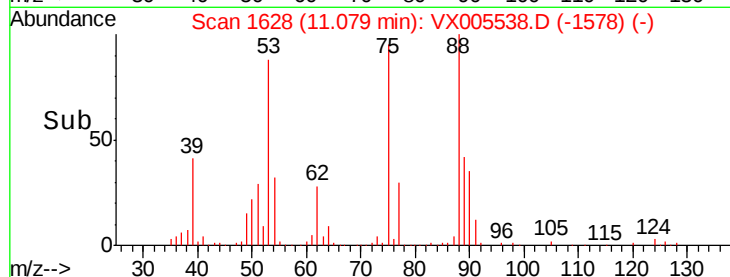
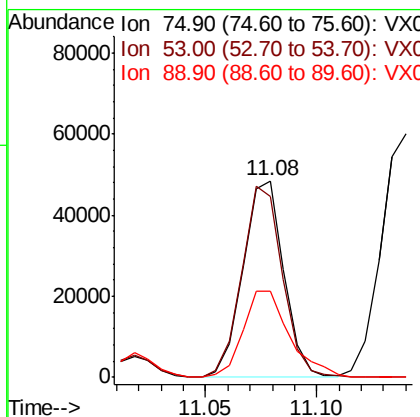
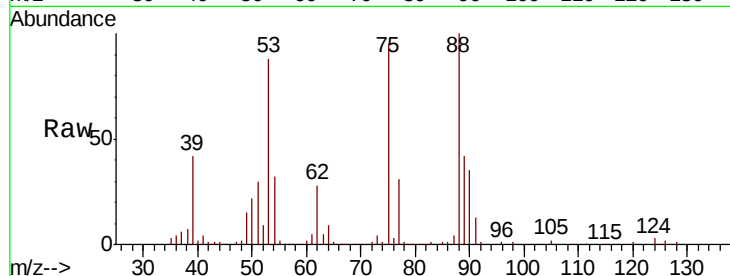
ClientSampleId :

ICVVX102418

Tot Ion:	75	Resp:	61296
Ion	Ratio	Lower	Upper
75	100		
53	99.1	80.1	120.1
89	51.0	37.2	55.8

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#82

4-Chlorotoluene

Concen: 51.995 ug/l

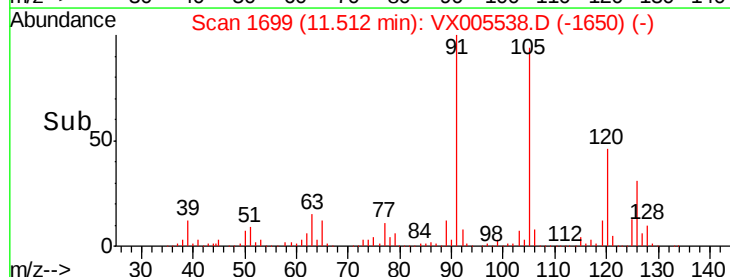
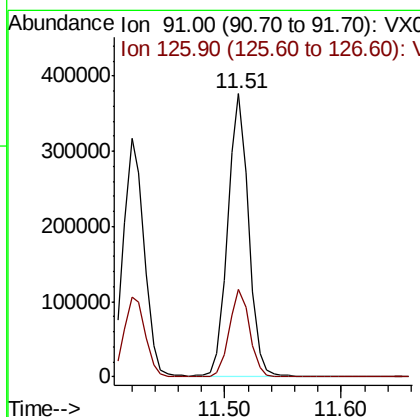
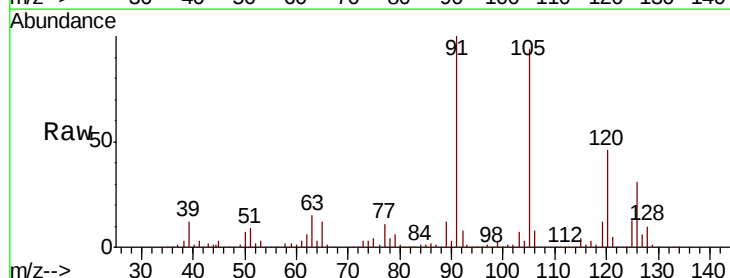
RT: 11.51 min Scan# 1699

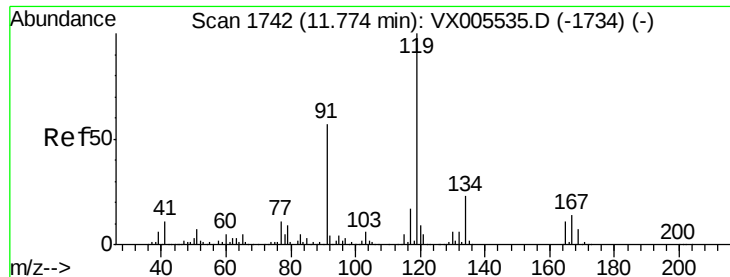
Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Tgt Ion:	91	Resp:	468112
Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.5	46.5





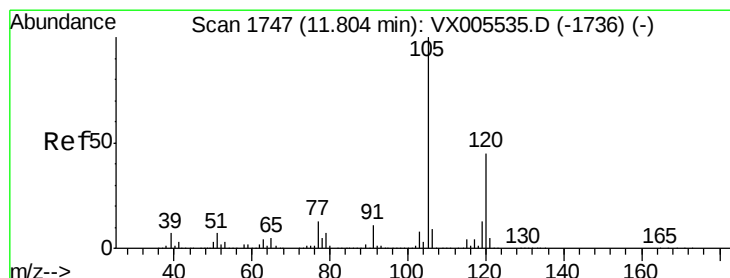
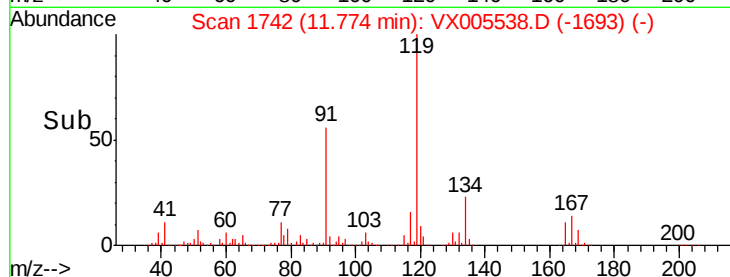
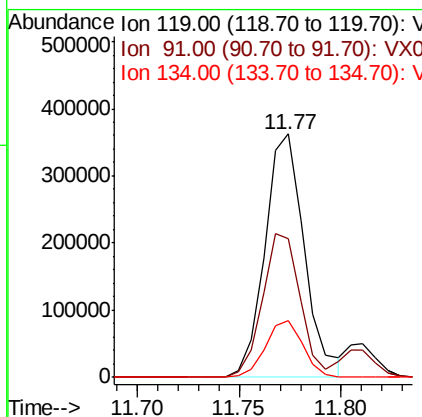
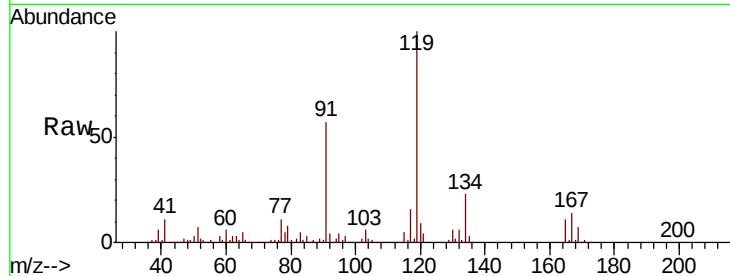
#83
tert-Butylbenzene
Concen: 53.151 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	27.0	81.0
134	22.6	11.7	35.1

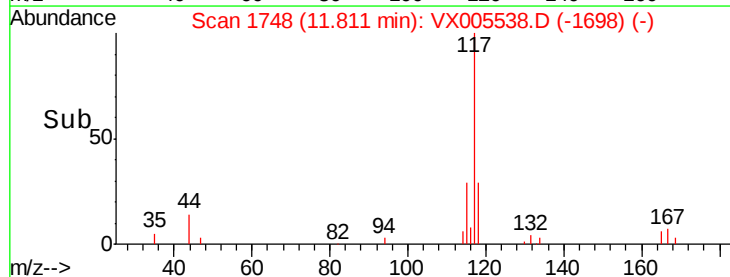
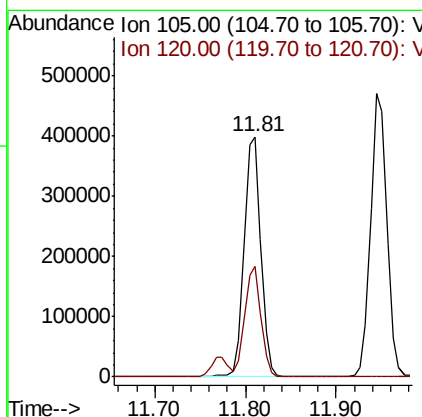
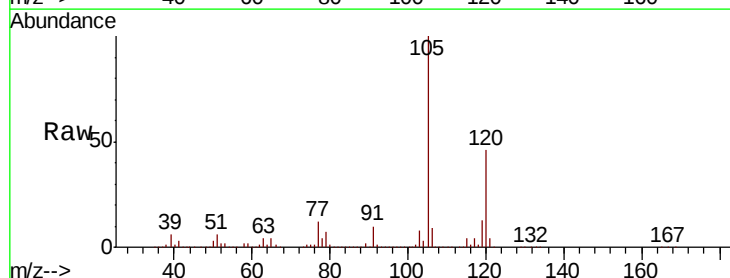
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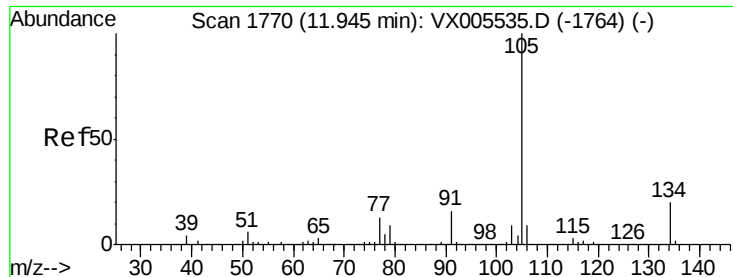
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#84
1,2,4-Trimethylbenzene
Concen: 54.377 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.2	69.6





#85

sec-Butylbenzene

Concen: 53.396 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

Tot Ion:105 Resp: 585087

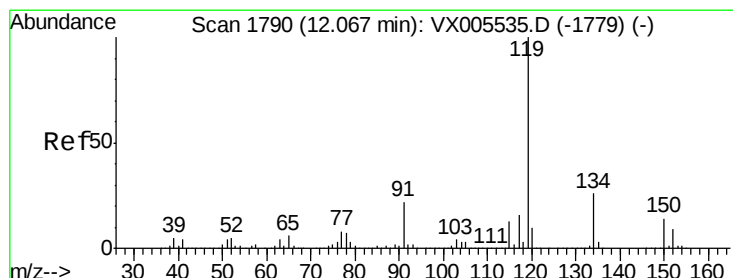
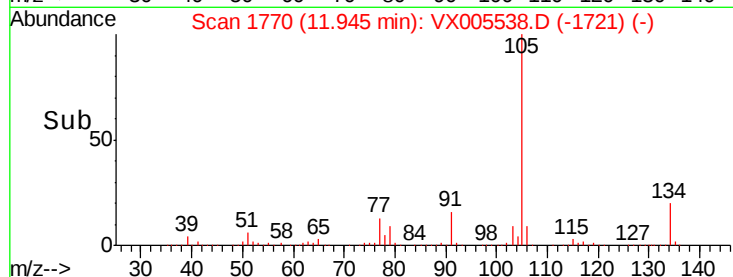
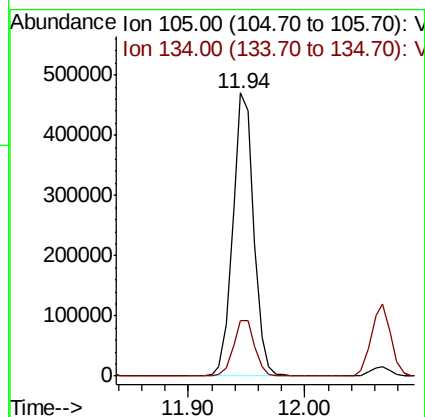
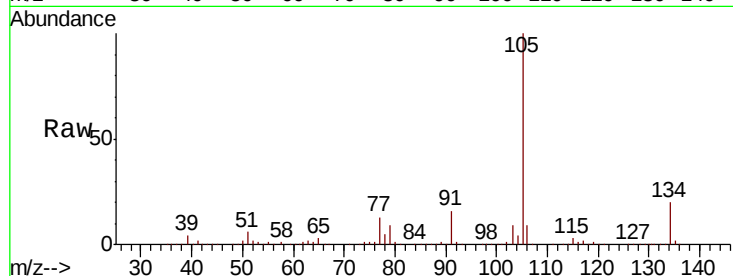
Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 54.262 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

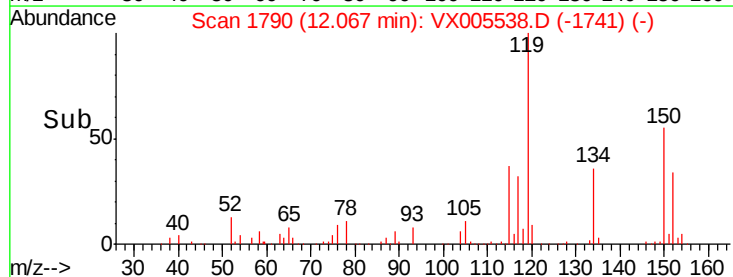
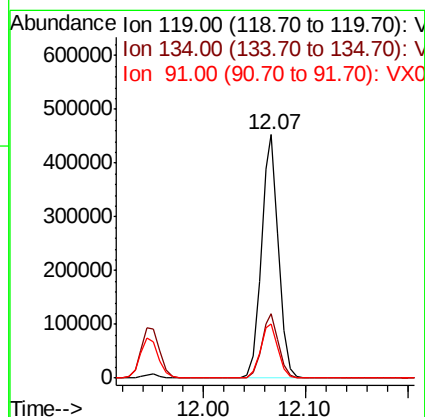
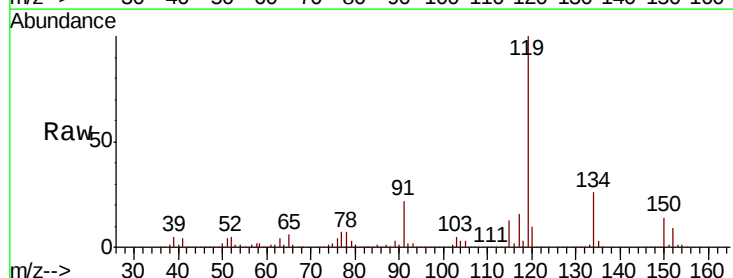
Tgt Ion:119 Resp: 531520

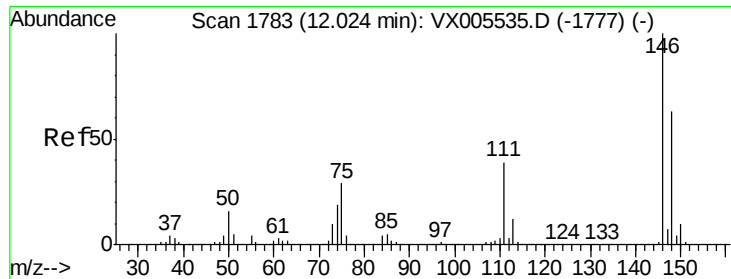
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 23.2 10.9 32.7





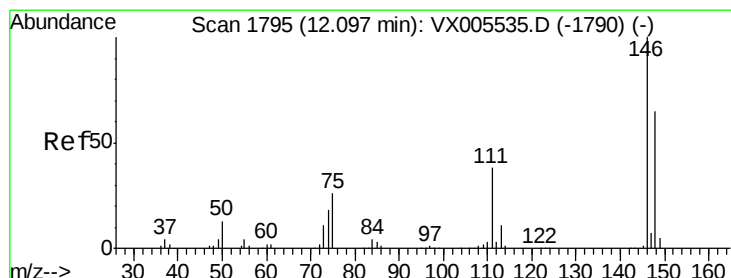
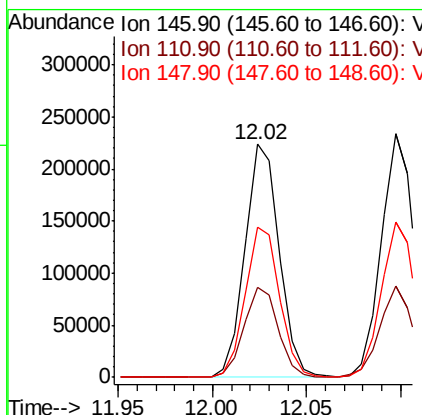
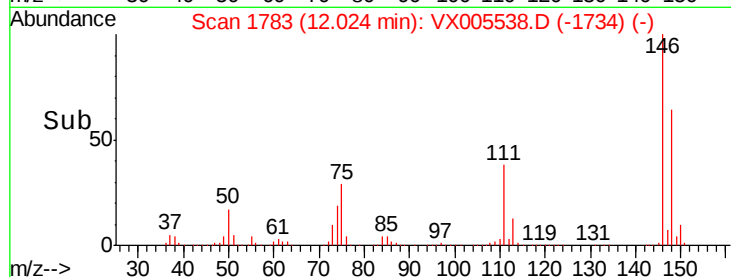
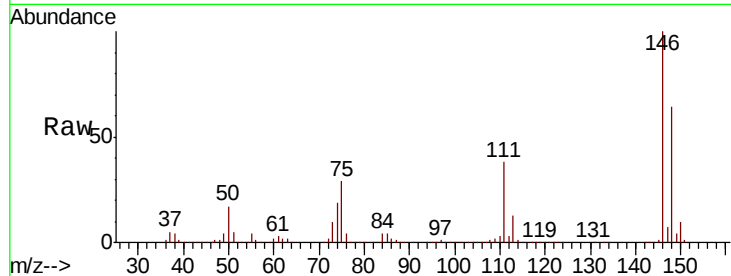
#87
 1,3-Dichlorobenzene
 Concen: 50.138 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	64.8	32.1	96.5

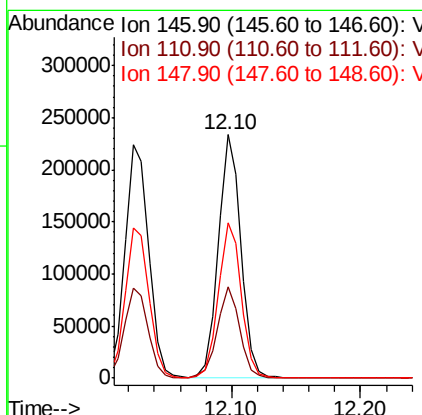
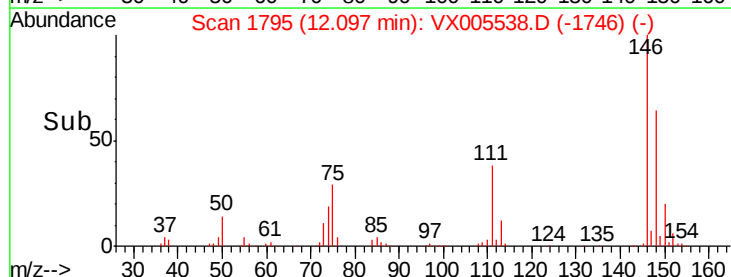
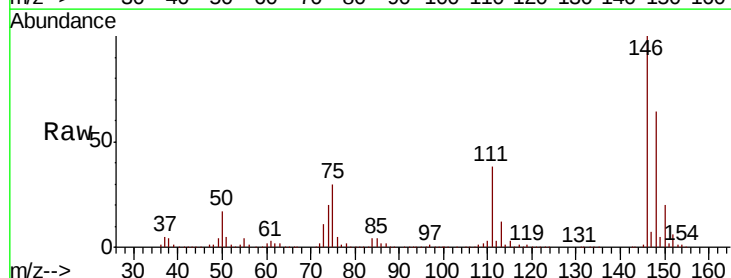
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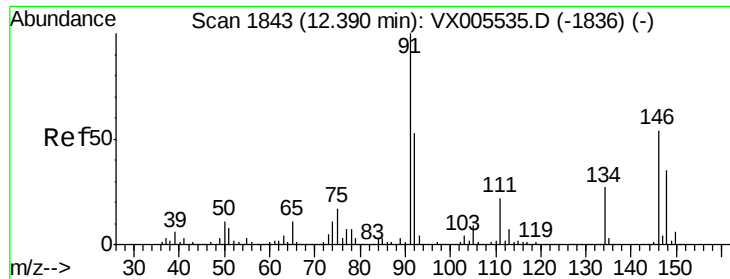
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#88
 1,4-Dichlorobenzene
 Concen: 48.802 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.9	32.0	96.0





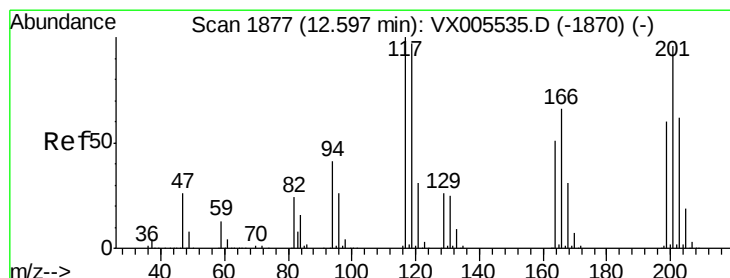
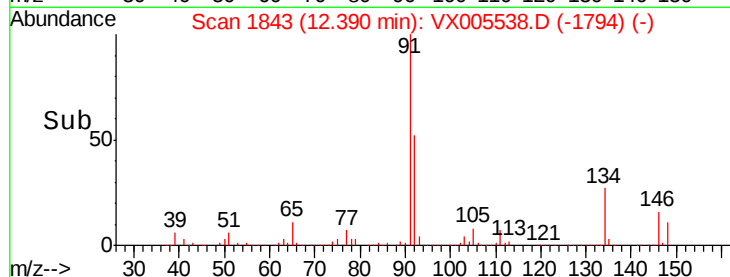
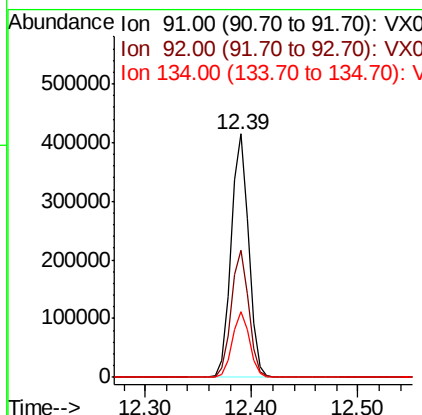
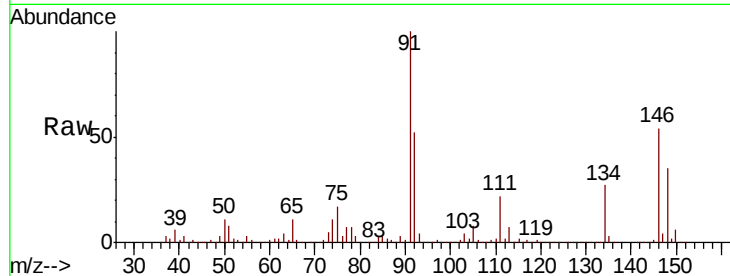
#89
n-Butylbenzene
Concen: 54.339 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	27.3	81.9
134	26.5	13.6	40.7

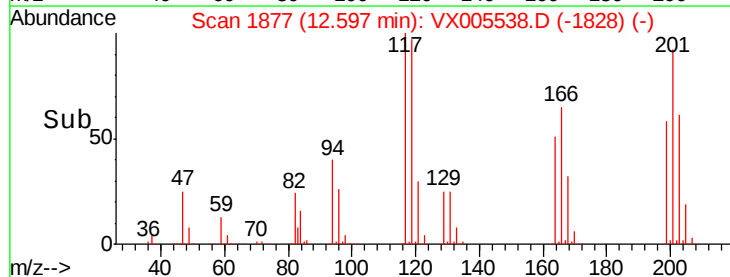
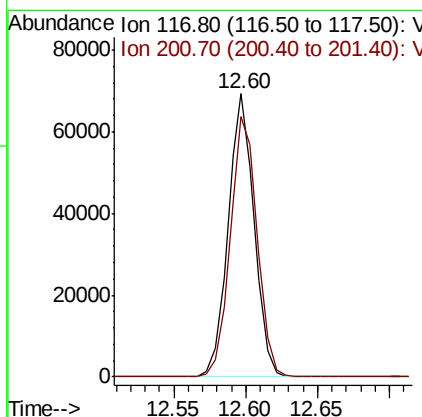
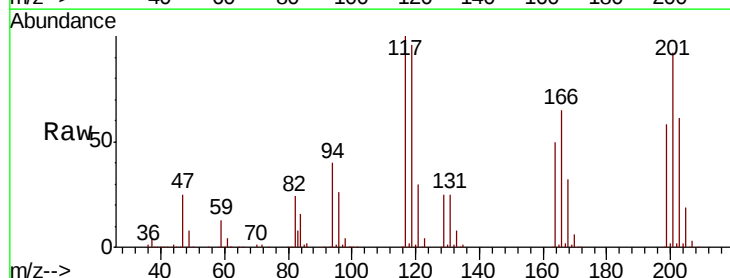
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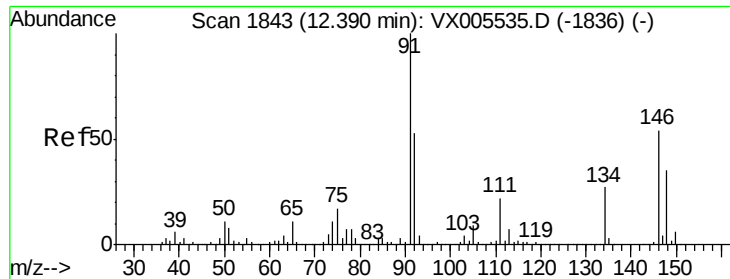
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#90
Hexachloroethane
Concen: 51.753 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.8	46.9	140.6





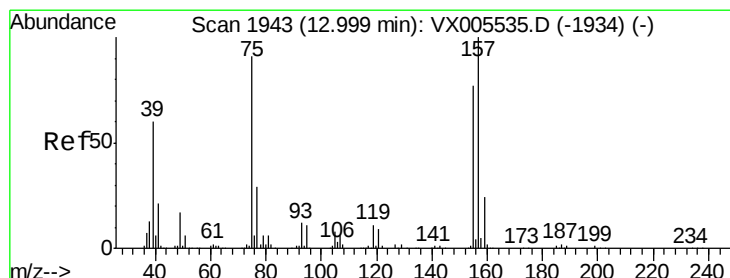
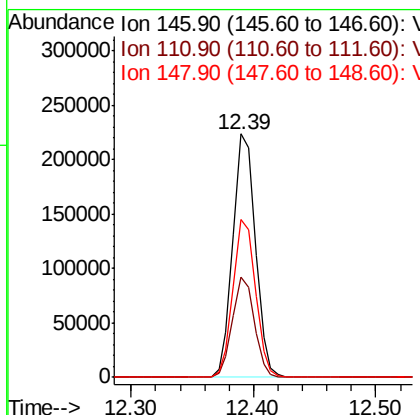
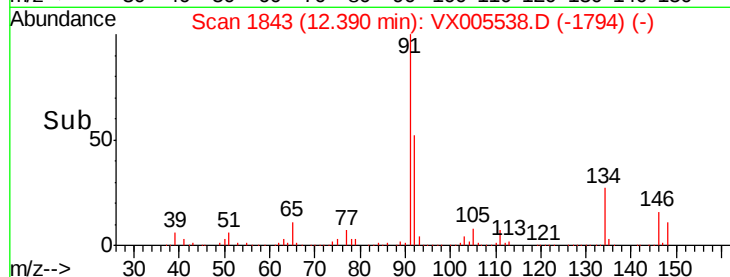
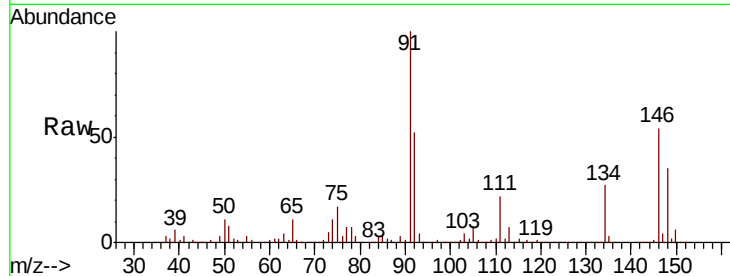
#91
 1,2-Dichlorobenzene
 Concen: 49.777 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.1
148	64.6	32.8	98.3

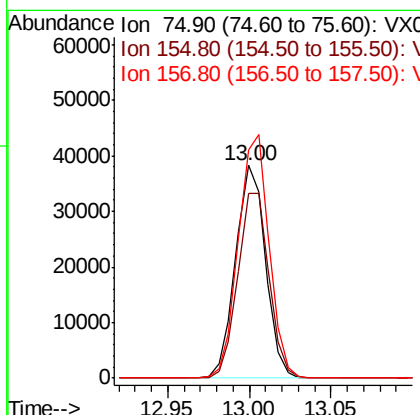
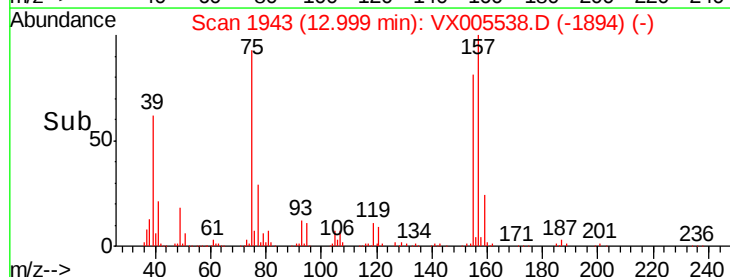
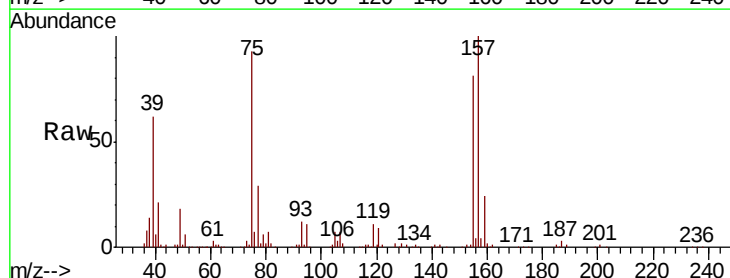
Manual Integrations
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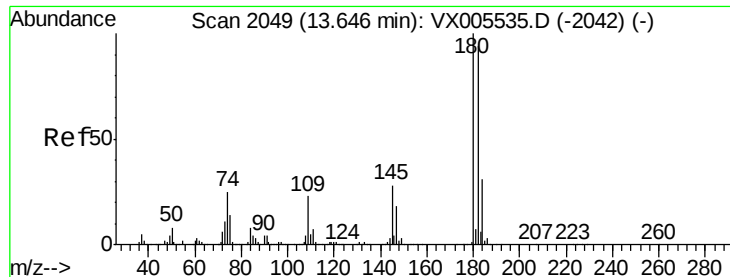
MMDadoda
 10/26/2018 11:53:24 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.194 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	48.0	144.2
157	117.1	61.4	184.1





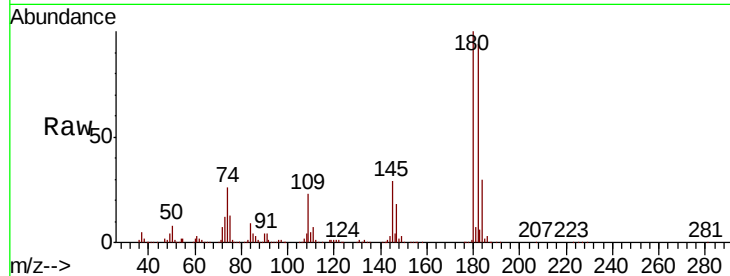
#93
 1,2,4-Trichlorobenzene
 Concen: 52.775 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion	Ratio	Resp	Lower	Upper
180	100	218443		
182	95.1	48.4	145.0	
145	28.2	14.3	42.9	

Manual Integrations
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MMDadoda
 10/26/2018 11:53:24 AM

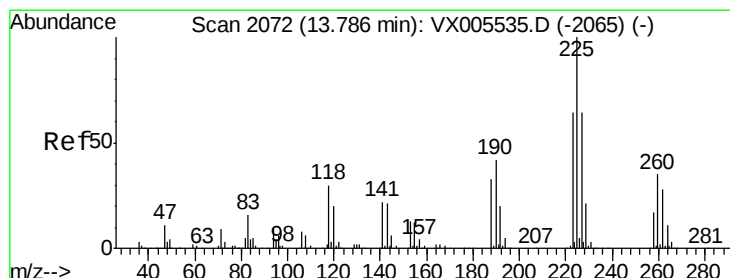
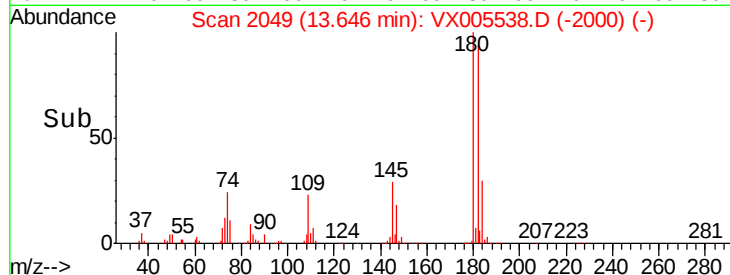
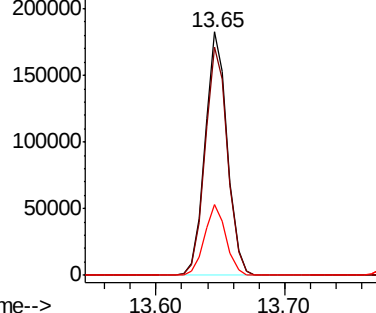


Abundance

Ion 179.80 (179.50 to 180.50): V

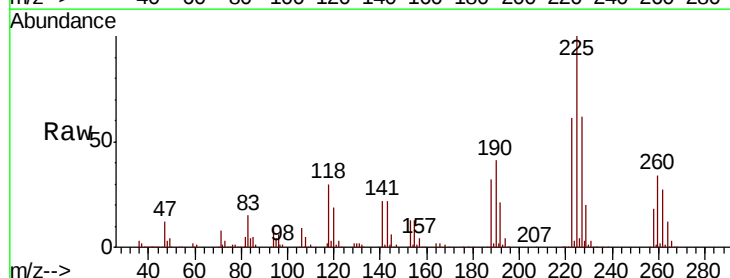
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.824 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106872		
223	62.6	30.1	90.5	
227	63.7	30.8	92.4	

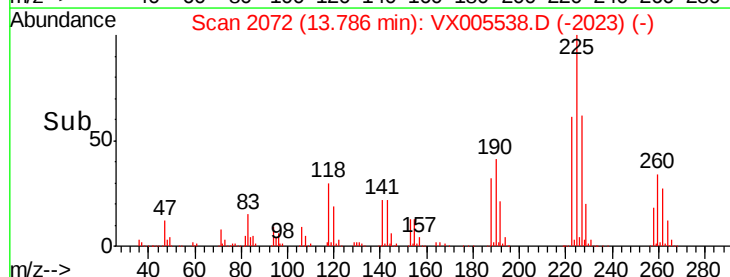
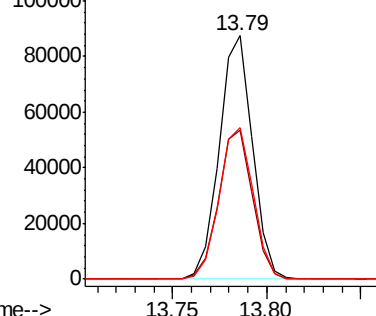


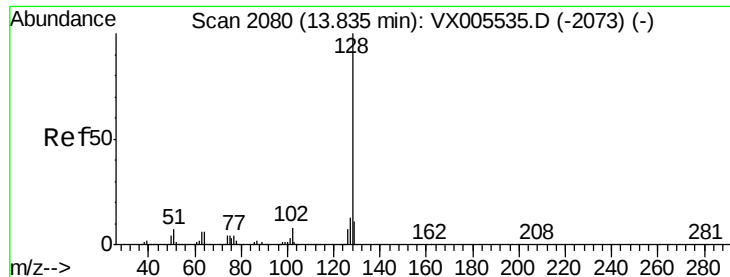
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.703 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

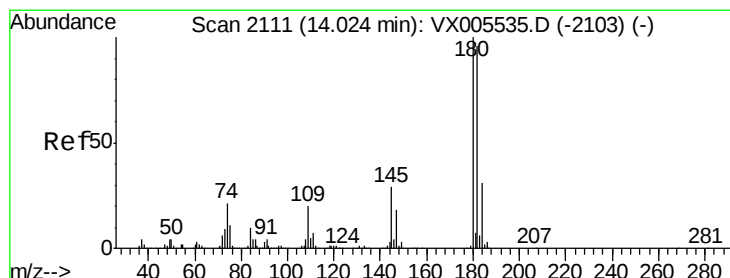
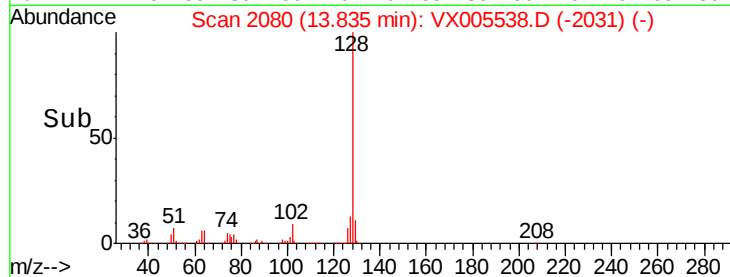
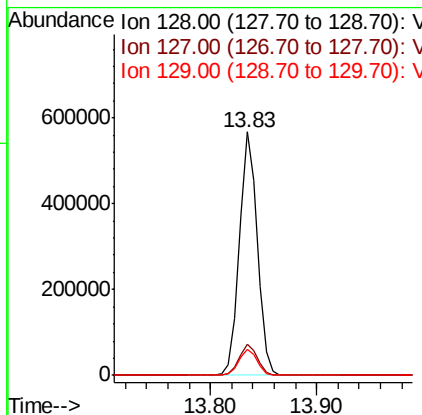
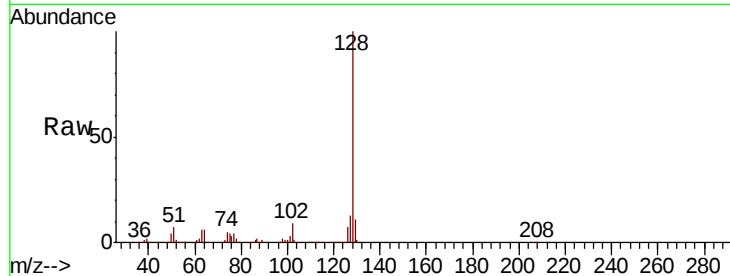
ClientSampleId :

ICVVX102418

Tot Ion:	128	Resp:	670200
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	10.7	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 52.180 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Tgt Ion:	180	Resp:	218936
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.5	145.6
145	30.2	14.9	44.9

