

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122719\
 Data File : VX014327.D
 Acq On : 27 Dec 2019 22:21
 Operator : JC/SP
 Sample : K6449-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Manual Integrations
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 12/30/2019 11:04:20 AM

Quant Time: Dec 30 06:46:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	450070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	720319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	648812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	265839	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	5.49	113	219769	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.71	98	857802	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	304258	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	176432	43.818	ug/l	99
3) Chloromethane	1.32	50	247848	45.867	ug/l	99
4) Vinyl Chloride	1.40	62	269456	47.259	ug/l	99
5) Bromomethane	1.63	94	188043	46.467	ug/l	100
6) Chloroethane	1.71	64	173510	49.306	ug/l	96
7) Trichlorofluoromethane	1.92	101	346976	49.159	ug/l	99
8) Diethyl Ether	2.18	74	164396	49.628	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208986	49.119	ug/l	98
10) Methyl Iodide	2.50	142	251927	45.167	ug/l	99
11) Tert butyl alcohol	3.03	59	305918	277.554	ug/l	98
12) 1,1-Dichloroethene	2.37	96	212123	48.996	ug/l	95
13) Acrolein	2.28	56	186972	296.344	ug/l	98
14) Allyl chloride	2.72	41	404567	52.337	ug/l	98
15) Acrylonitrile	3.13	53	740965	288.023	ug/l	98
16) Acetone	2.44	43	615891	185.980	ug/l	97
17) Carbon Disulfide	2.56	76	538979	44.921	ug/l	100
18) Methyl Acetate	2.76	43	351398	53.550	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	757173	53.223	ug/l	98
20) Methylene Chloride	2.85	84	256053	49.101	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	230510	48.329	ug/l	96
22) Diisopropyl ether	3.84	45	845652	54.898	ug/l	97
23) Vinyl Acetate	3.80	43	3395181	270.091	ug/l	99
24) 1,1-Dichloroethane	3.69	63	448312	52.311	ug/l	99
25) 2-Butanone	4.66	43	1019296	249.656	ug/l	97
26) 2,2-Dichloropropane	4.57	77	297251	44.673	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	275630	51.097	ug/l	97
28) Bromochloromethane	5.00	49	181193	54.929	ug/l	95
29) Tetrahydrofuran	5.11	42	663188	290.411	ug/l	100
30) Chloroform	5.20	83	429251	52.836	ug/l	97
31) Cyclohexane	5.57	56	388624	50.985	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	351041	50.698	ug/l	99
36) 1,1-Dichloropropene	5.79	75	316751	47.925	ug/l	98
37) Ethyl Acetate	4.82	43	372328	51.014	ug/l	99
38) Carbon Tetrachloride	5.78	117	296382	49.224	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	378457	46.374	ug/l	99
40) Benzene	6.14	78	1004279	49.384	ug/l	99
41) Methacrylonitrile	5.03	41	225365	55.651	ug/l	95
42) 1,2-Dichloroethane	6.18	62	342997	49.757	ug/l	100
43) Isopropyl Acetate	6.43	43	622469	51.534	ug/l	99
44) Trichloroethene	7.21	130	266150	47.383	ug/l	100
45) 1,2-Dichloropropane	7.51	63	270008	51.802	ug/l	97
46) Dibromomethane	7.65	93	168556	48.912	ug/l	99
47) Bromodichloromethane	7.89	83	331535	51.082	ug/l	100
48) Methyl methacrylate	7.76	41	312384	52.815	ug/l	99
49) 1,4-Dioxane	7.73	88	118657	985.814	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2058420	271.356	ug/l	100
52) Toluene	8.78	92	623256	48.488	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	362383	50.920	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	400964	50.573	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	260829	50.630	ug/l	99
56) Ethyl methacrylate	9.17	69	422719	52.236	ug/l	100
57) 1,3-Dichloropropane	9.37	76	441589	50.947	ug/l	100
59) 2-Hexanone	9.48	43	1572818	257.565	ug/l	100
60) Dibromochloromethane	9.58	129	268573	52.447	ug/l	100
61) 1,2-Dibromoethane	9.67	107	271909	51.586	ug/l	99
64) Tetrachloroethene	9.33	164	251754	43.851	ug/l	98
65) Chlorobenzene	10.14	112	674602	48.901	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	251775	51.114	ug/l	99
67) Ethyl Benzene	10.25	91	1185710	49.993	ug/l	98
68) m/p-Xylenes	10.35	106	897904	98.432	ug/l	100
69) o-Xylene	10.70	106	442458	49.456	ug/l	100
70) Styrene	10.71	104	751970	49.706	ug/l	99
71) Bromoform	10.85	173	207308	52.358	ug/l	99
73) Isopropylbenzene	11.01	105	1150263	50.853	ug/l	100
74) N-amyl acetate	10.89	43	528379	49.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	416113	53.062	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	332318m	47.647	ug/l	
77) Bromobenzene	11.25	156	302047	48.534	ug/l	99
78) n-propylbenzene	11.35	91	1296232	51.090	ug/l	100
79) 2-Chlorotoluene	11.42	91	773025	50.122	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	954697	50.151	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	129947	52.588	ug/l	99
82) 4-Chlorotoluene	11.51	91	885706	49.509	ug/l	99
83) tert-Butylbenzene	11.76	119	947204	51.129	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	966642	50.705	ug/l	100
85) sec-Butylbenzene	11.94	105	1112019	50.847	ug/l	99
86) p-Isopropyltoluene	12.06	119	1010927	50.533	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	522785	47.930	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	518307	46.734	ug/l	100
89) n-Butylbenzene	12.39	91	858982	50.321	ug/l	99
90) Hexachloroethane	12.59	117	181212	50.430	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	527237	48.018	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	87275	50.292	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	342033	47.928	ug/l	96

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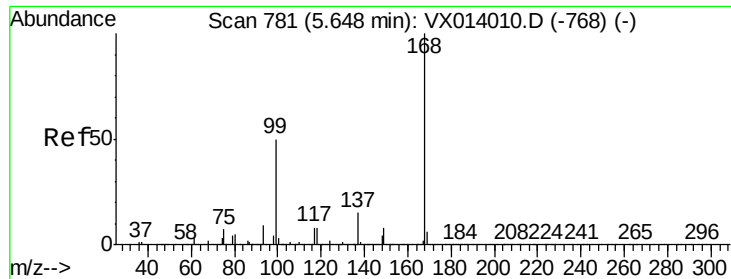
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	167131	48.730	ug/l	99
95) Naphthalene	13.83	128	1130626	53.924	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	358581	50.901	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tot Ion:168 Resp: 450070

Ion Ratio Lower Upper

168 100

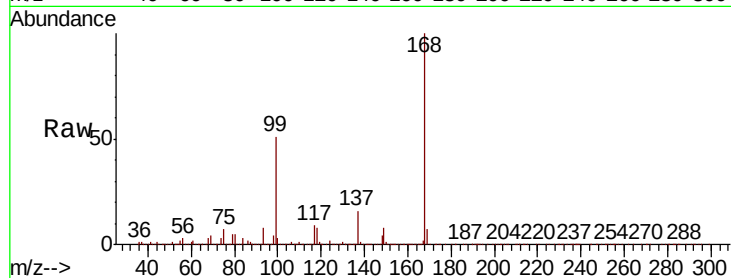
99 50.6 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

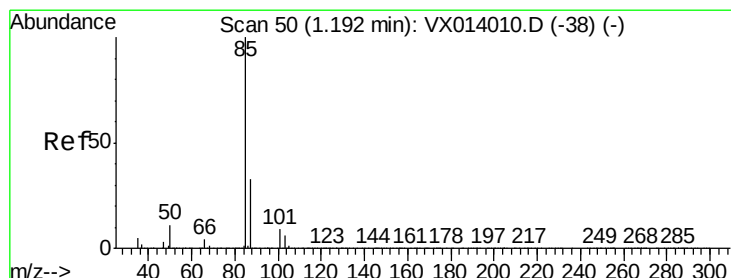
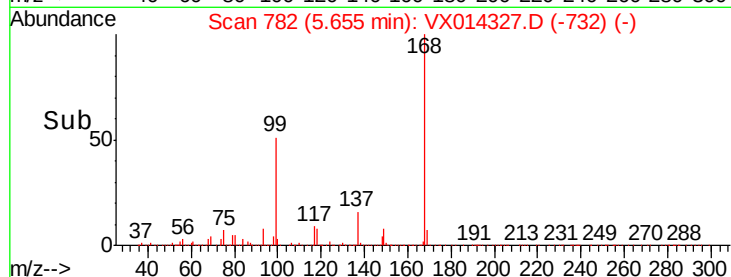
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.818 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014327.D

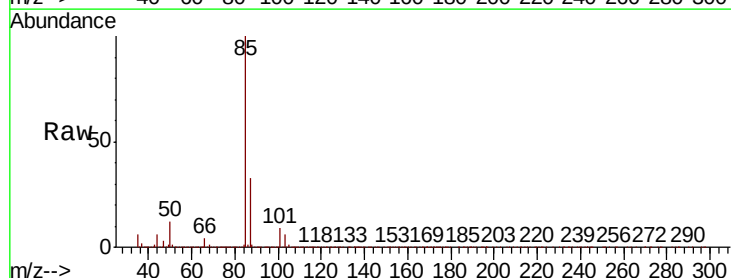
Acq: 27 Dec 2019 22:21

Tgt Ion: 85 Resp: 176432

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

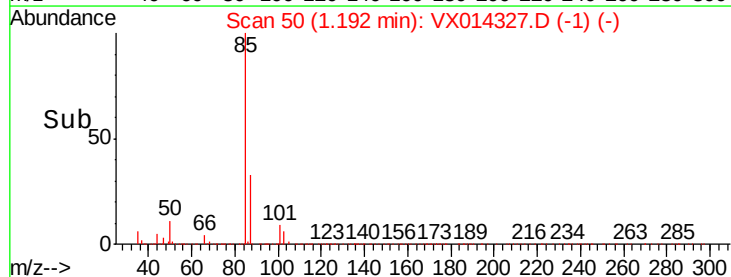
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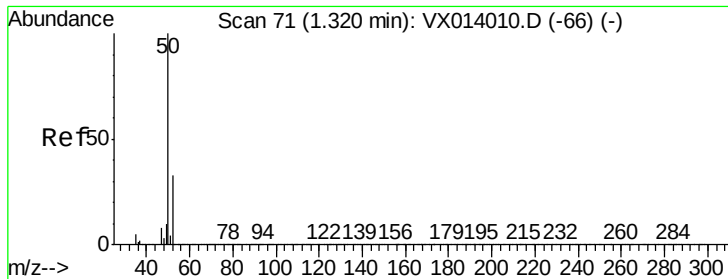
100000

50000

0

Time--> 1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 45.867 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tot Ion: 50 Resp: 247848

Ion Ratio Lower Upper

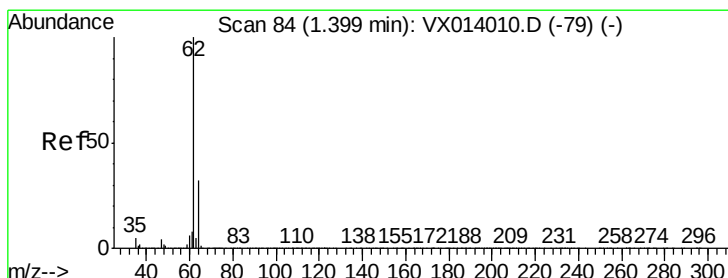
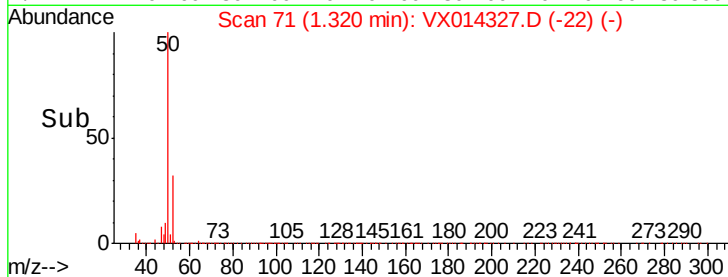
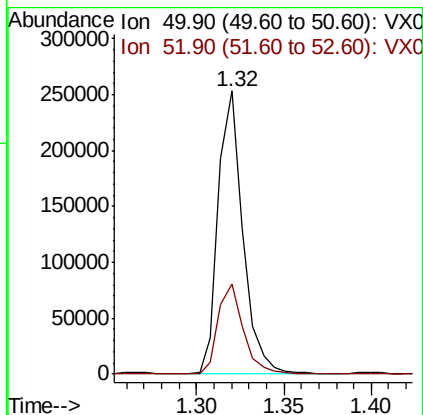
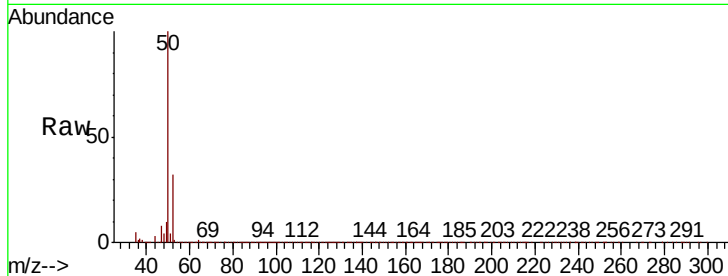
50 100

52 32.0 26.2 39.4

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#4

Vinyl Chloride

Concen: 47.259 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014327.D

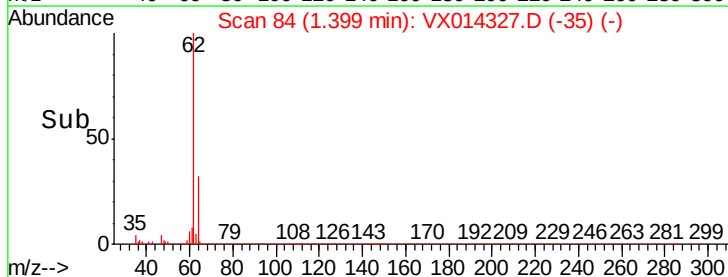
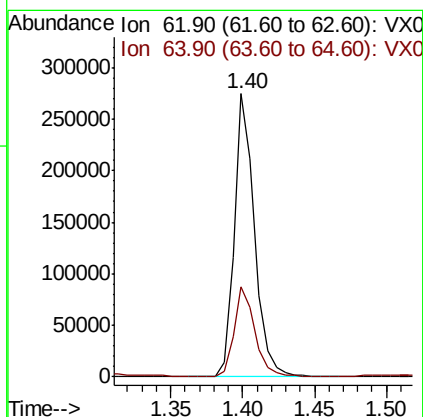
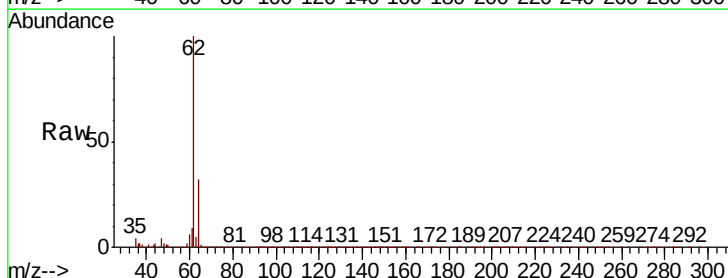
Acq: 27 Dec 2019 22:21

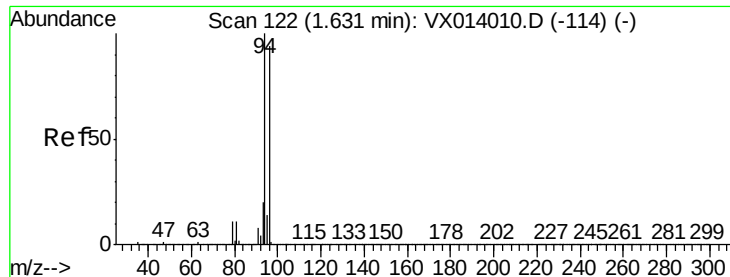
Tgt Ion: 62 Resp: 269456

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 46.467 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tot Ion: 94 Resp: 188043

Ion Ratio Lower Upper

94 100

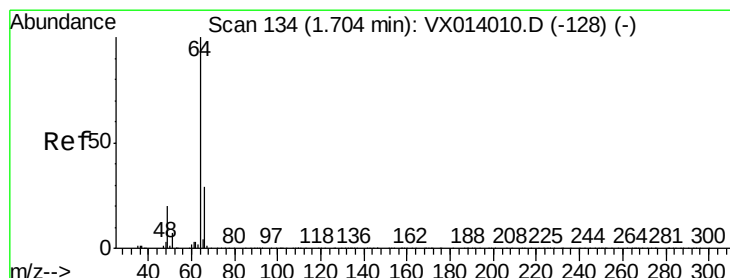
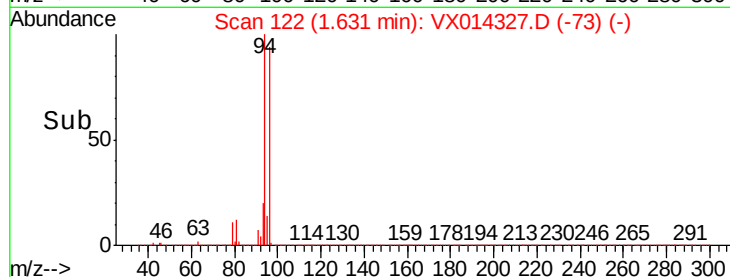
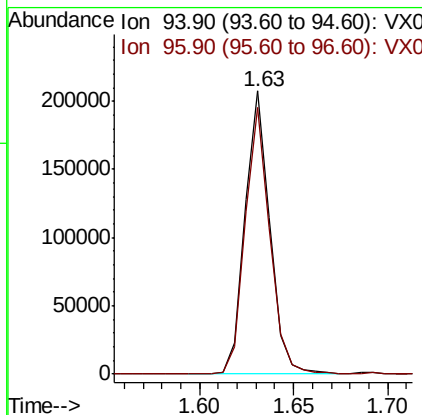
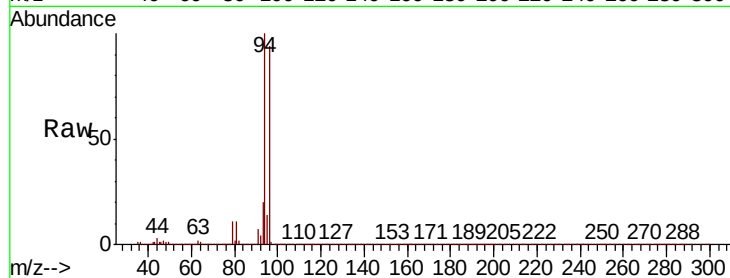
96 94.1 75.2 112.8

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#6

Chloroethane

Concen: 49.306 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014327.D

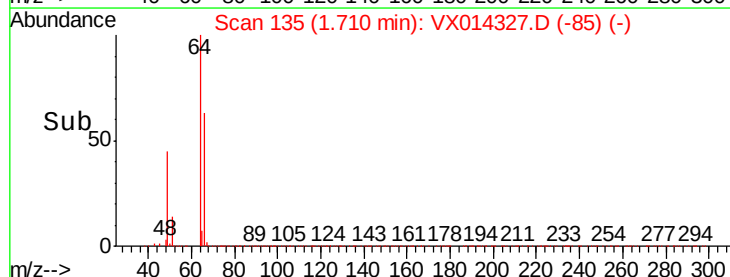
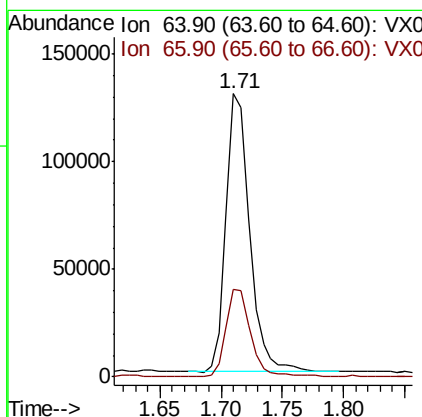
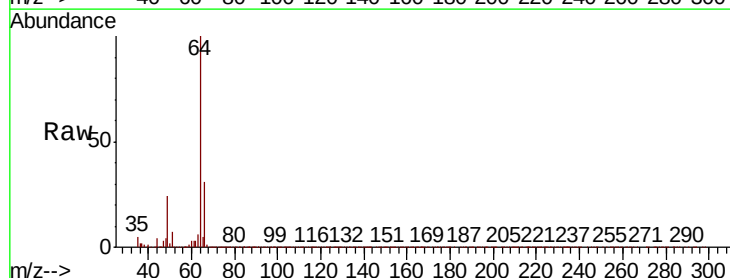
Acq: 27 Dec 2019 22:21

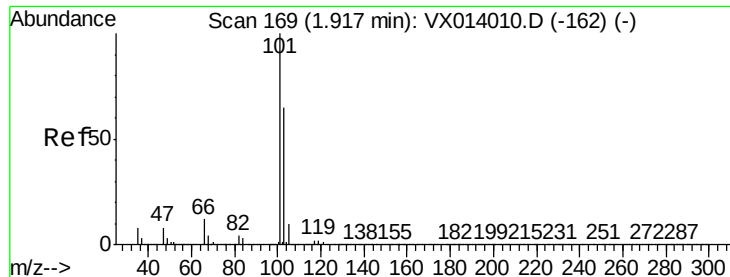
Tgt Ion: 64 Resp: 173510

Ion Ratio Lower Upper

64 100

66 31.4 23.4 35.2





#7

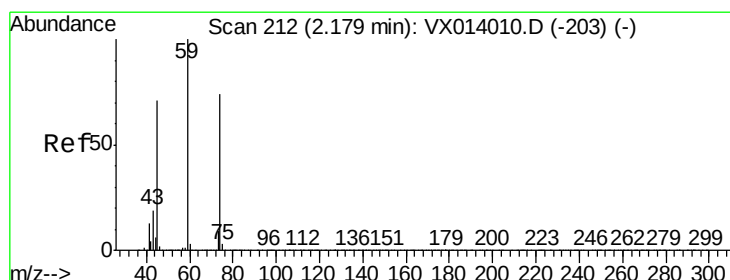
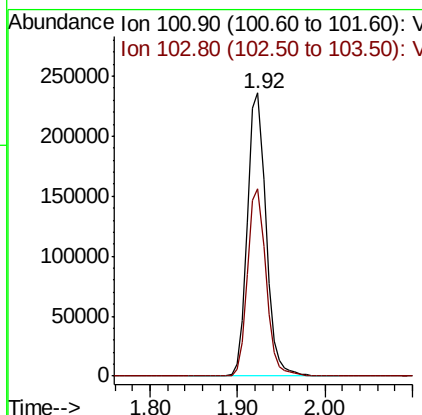
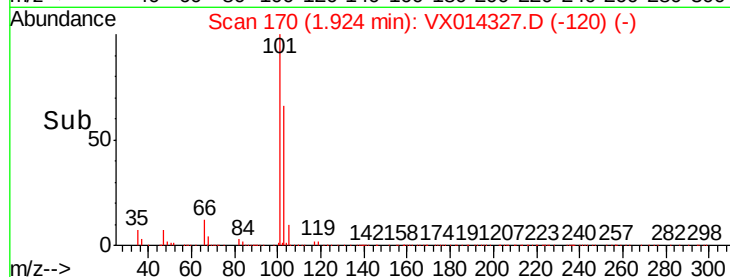
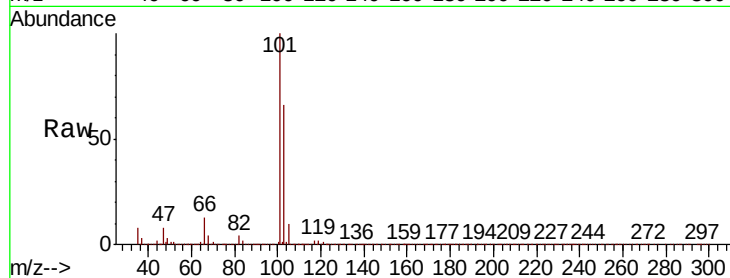
Trichlorofluoromethane
Concen: 49.159 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
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ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	52.2	78.4

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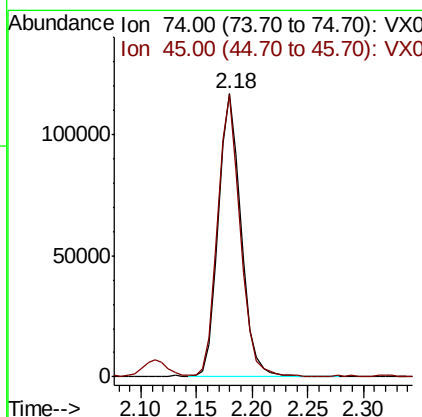
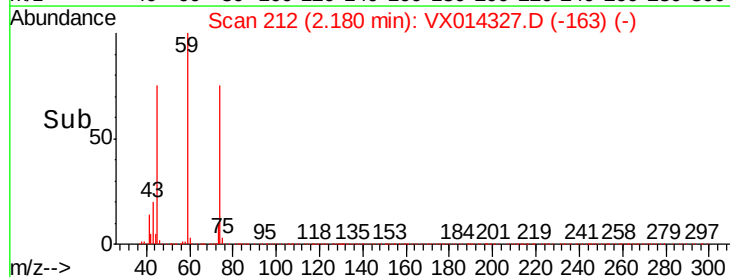
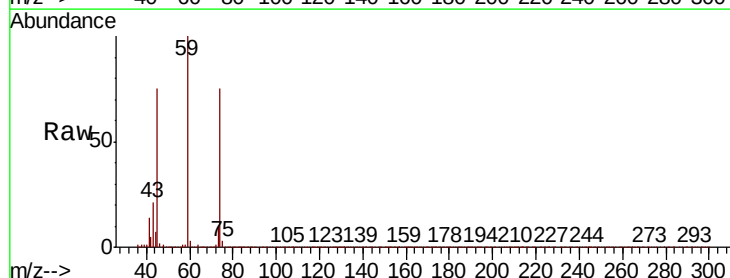
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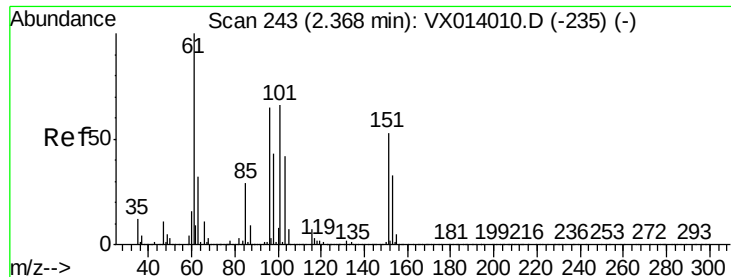


#8

Diethyl Ether
Concen: 49.628 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.119 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

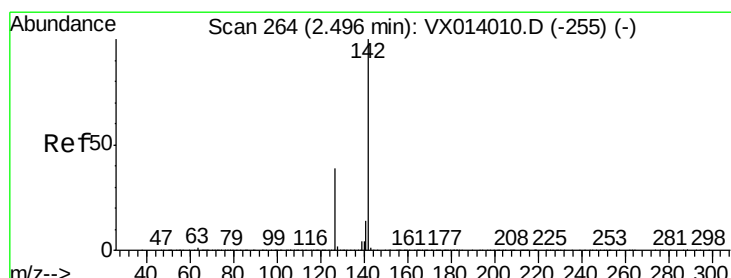
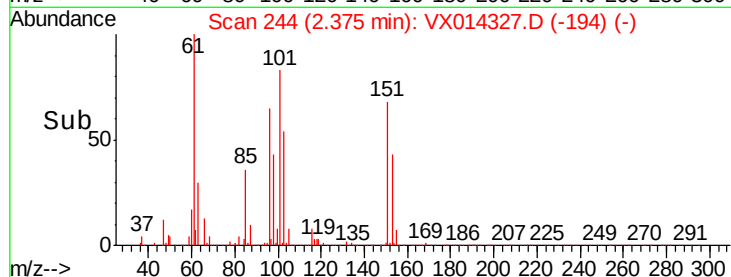
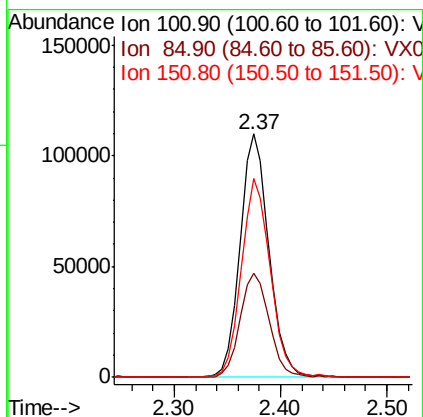
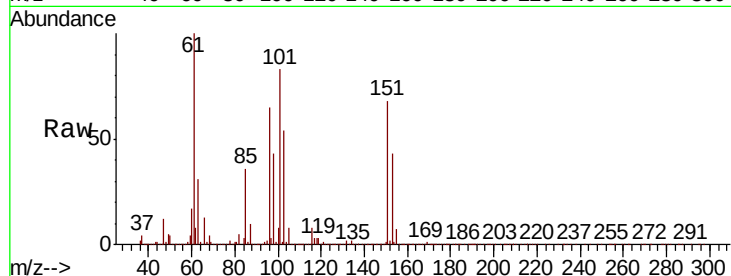
ClientSampleId :

OW-5MSD

Tot Ion:	101	Resp:	208986
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.7	50.5
151	81.8	64.5	96.7

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#10

Methyl Iodide

Concen: 45.167 ug/l

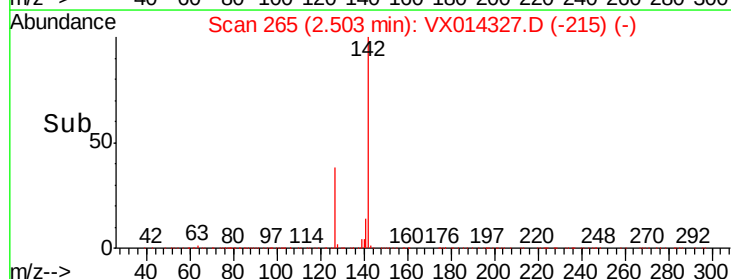
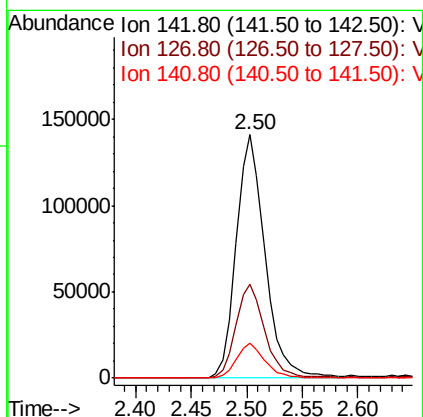
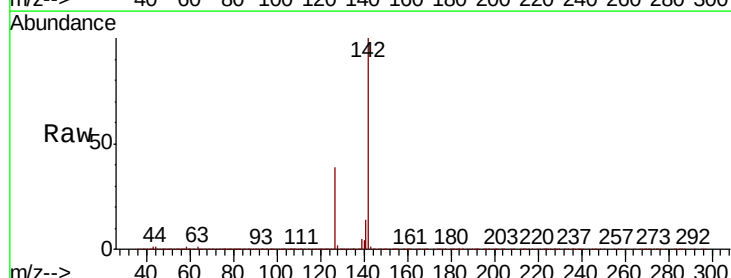
RT: 2.50 min Scan# 265

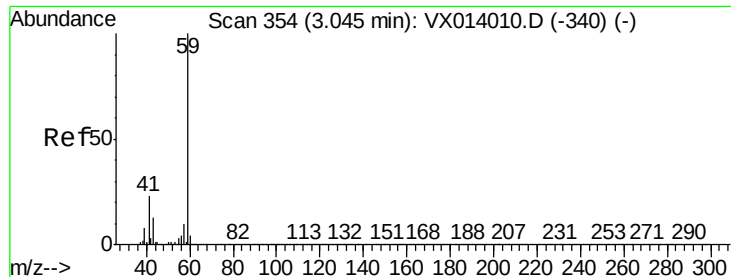
Delta R.T. 0.01 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion:	142	Resp:	251927
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.6	47.4
141	14.1	11.6	17.4





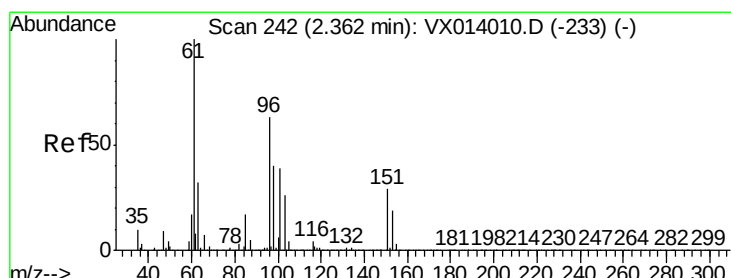
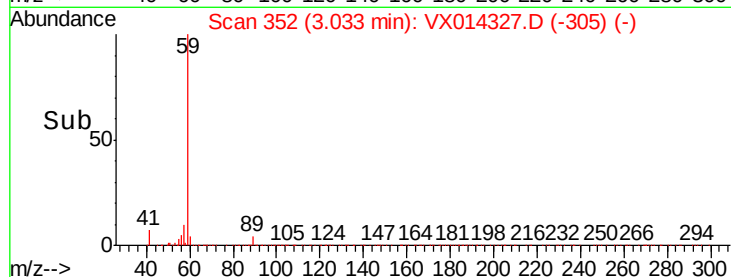
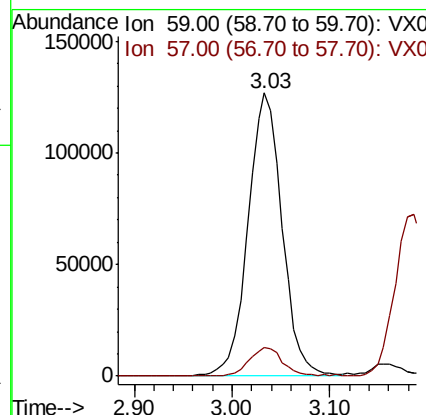
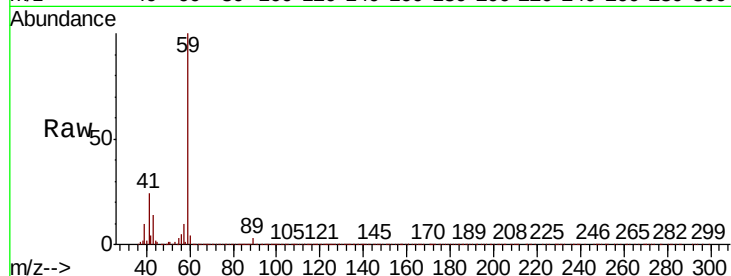
#11
Tert butyl alcohol
Concen: 277.554 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.4	12.6

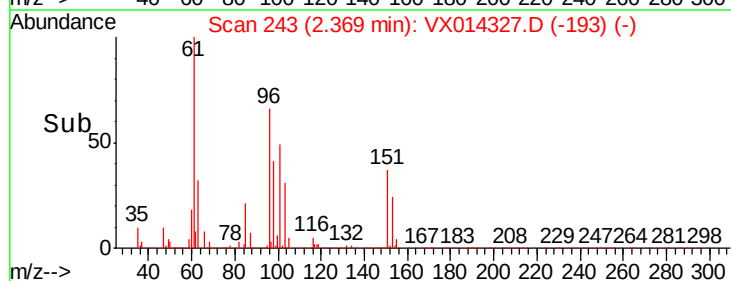
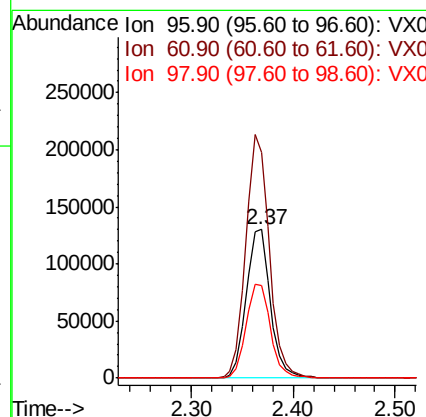
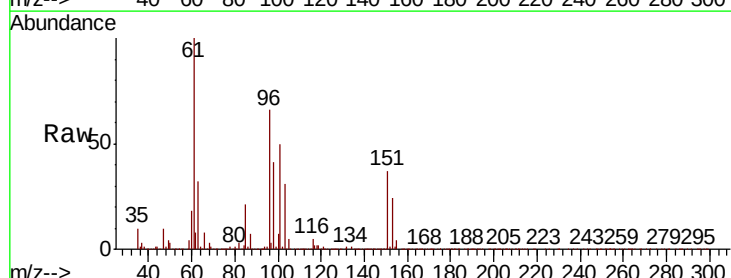
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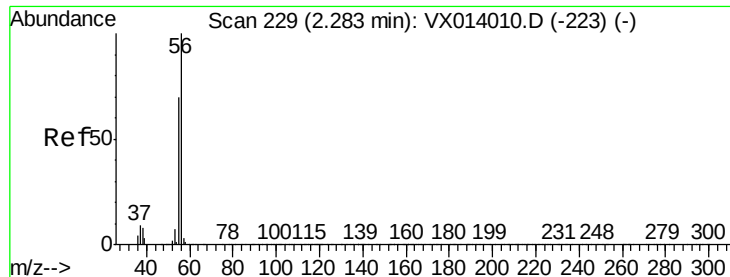
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#12
1,1-Dichloroethene
Concen: 48.996 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	127.9	191.9
98	62.2	50.5	75.7





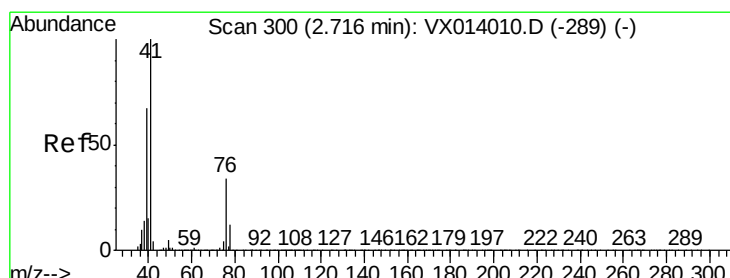
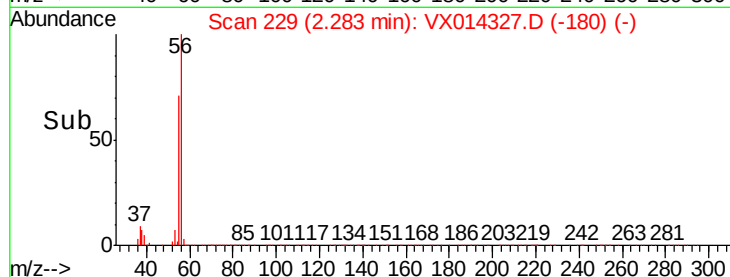
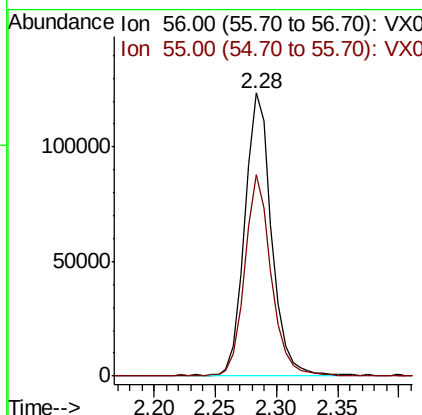
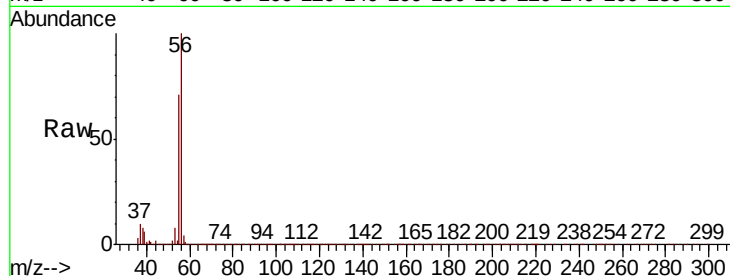
#13
Acrolein
Concen: 296.344 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.9	85.3

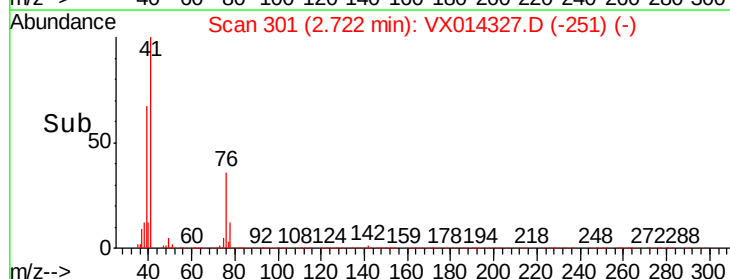
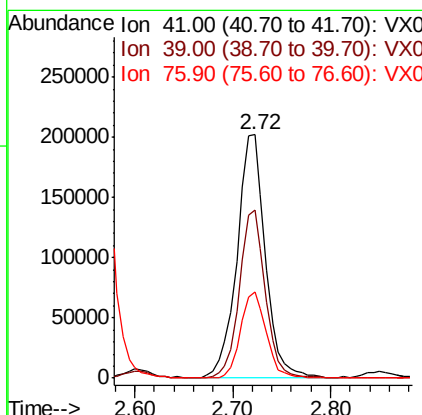
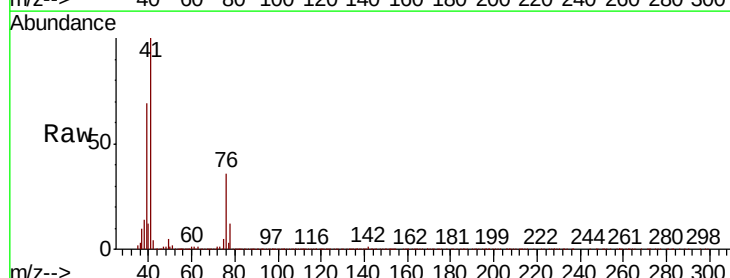
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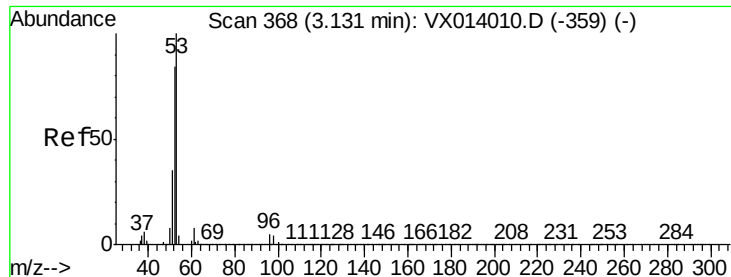
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#14
Allyl chloride
Concen: 52.337 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.8	51.8	77.8
76	31.7	25.9	38.9





#15

Acrylonitrile

Concen: 288.023 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

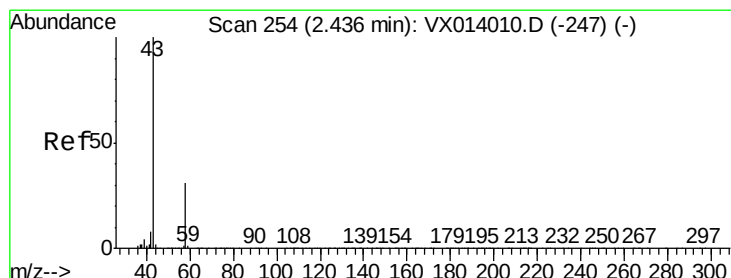
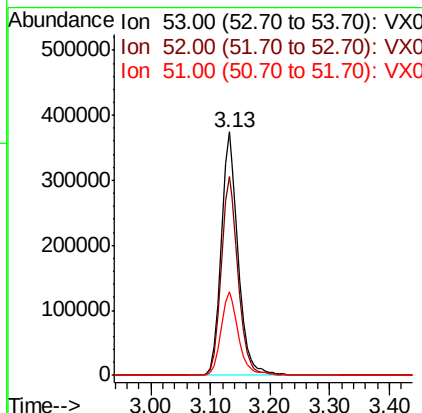
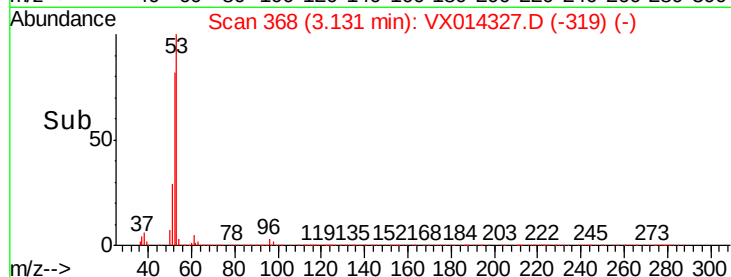
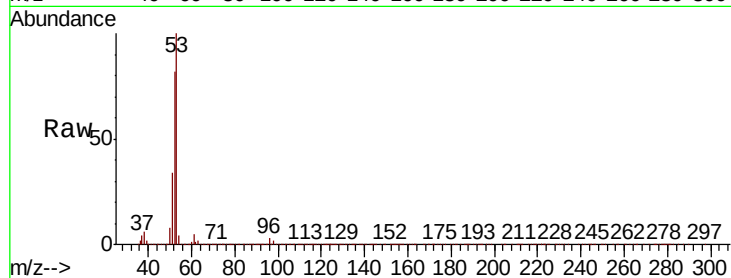
ClientSampleId :

OW-5MSD

Tot Ion:	53	Resp:	740965
Ion Ratio		Lower	Upper
53	100		
52	81.2	66.5	99.7
51	35.0	28.1	42.1

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#16

Acetone

Concen: 185.980 ug/l

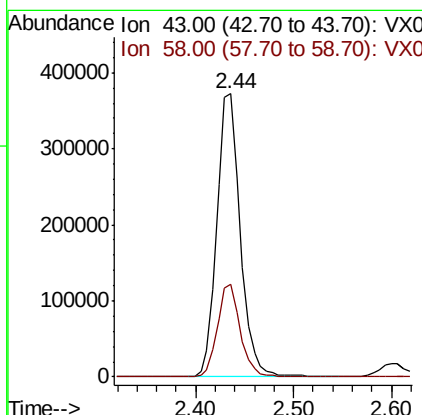
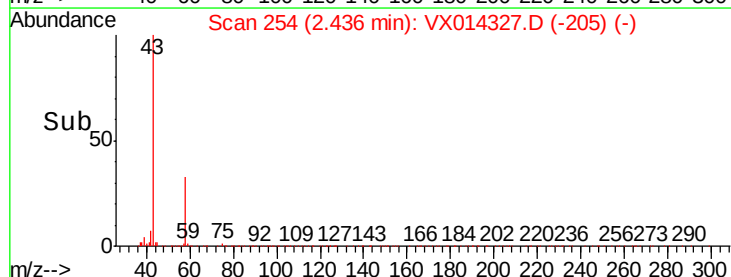
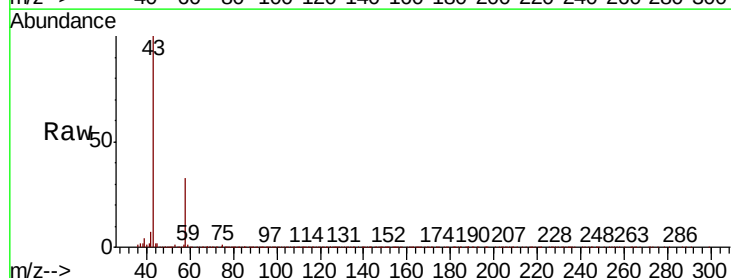
RT: 2.44 min Scan# 254

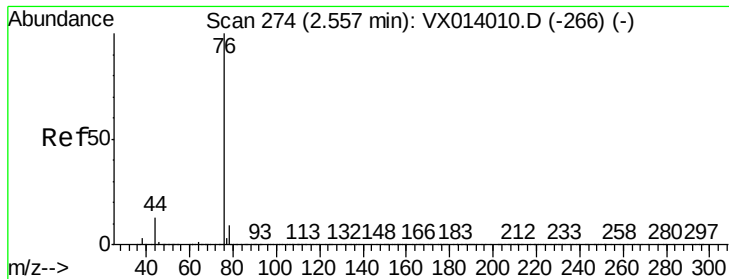
Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion:	43	Resp:	615891
Ion Ratio		Lower	Upper
43	100		
58	32.6	24.9	37.3





#17

Carbon Disulfide

Concen: 44.921 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tot Ion: 76 Resp: 538979

Ion Ratio Lower Upper

76 100

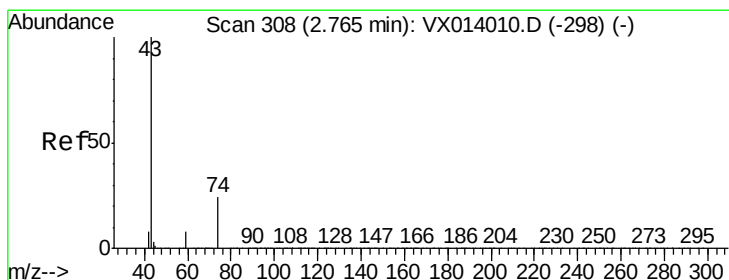
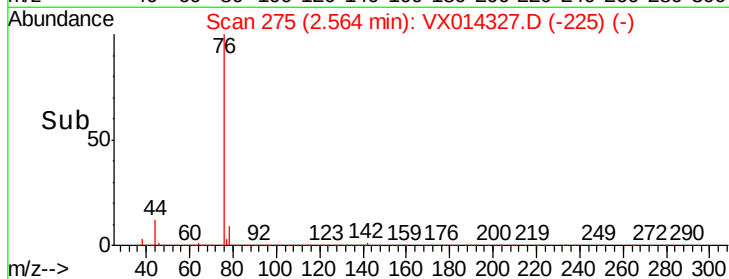
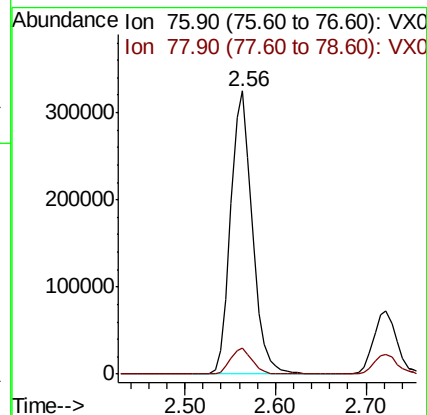
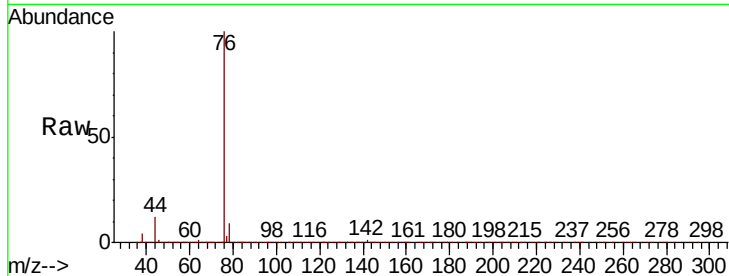
78 9.0 7.2 10.8

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#18

Methyl Acetate

Concen: 53.550 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014327.D

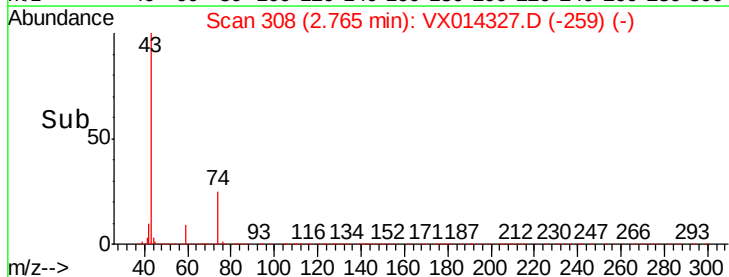
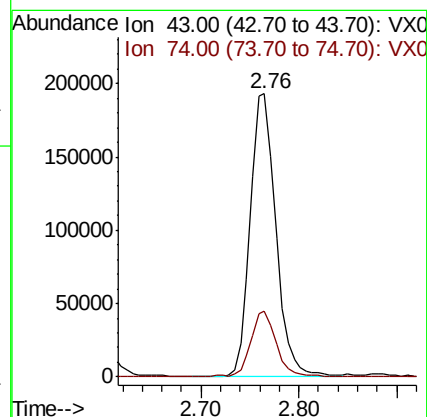
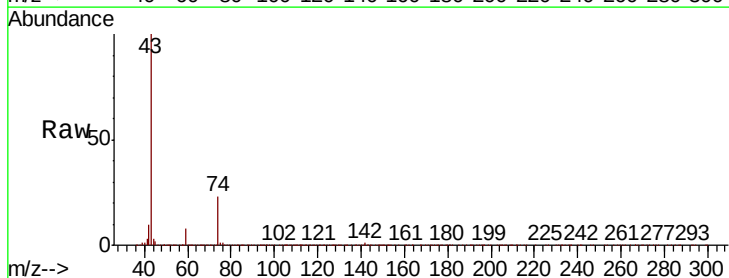
Acq: 27 Dec 2019 22:21

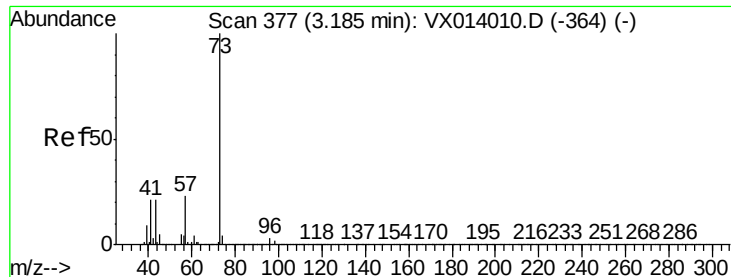
Tgt Ion: 43 Resp: 351398

Ion Ratio Lower Upper

43 100

74 22.7 19.5 29.3





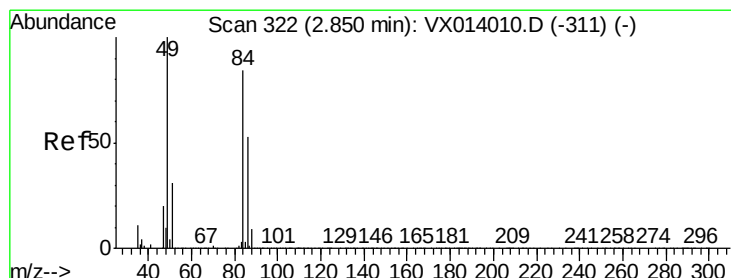
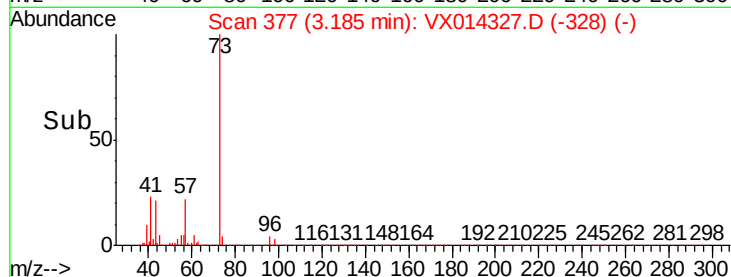
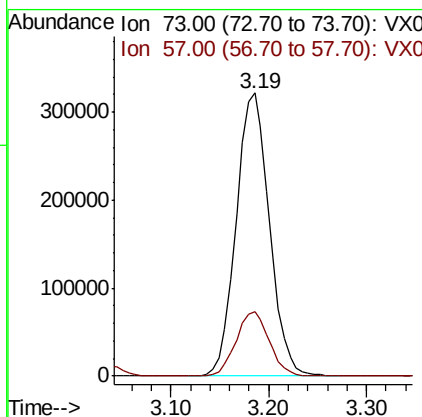
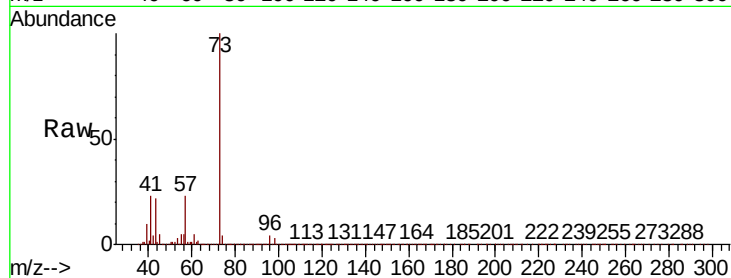
#19
Methyl tert-butyl Ether
Concen: 53.223 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.8	28.2

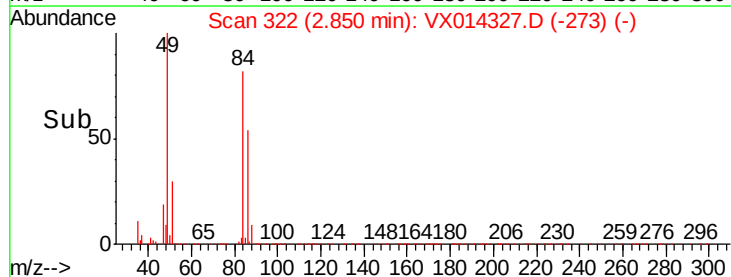
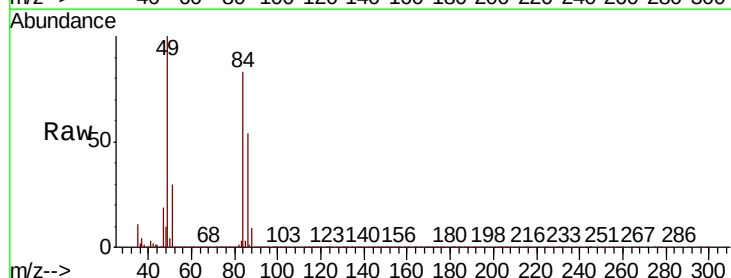
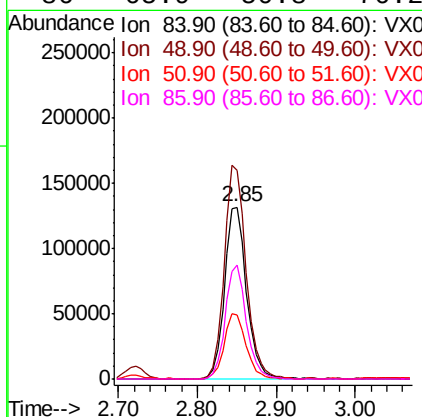
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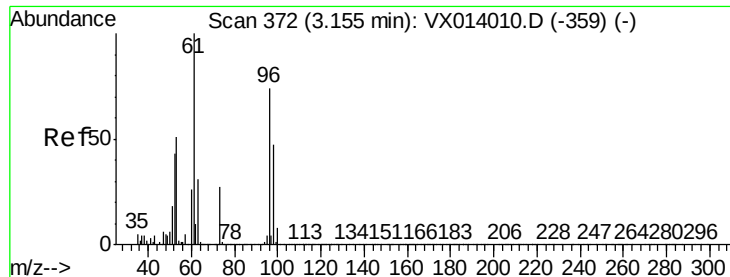
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#20
Methylene Chloride
Concen: 49.101 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.0	95.8	143.6
51	36.8	29.8	44.8
86	65.9	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.329 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tot Ion: 96 Resp: 230510

Ion Ratio Lower Upper

96 100

61 142.4 108.3 162.5

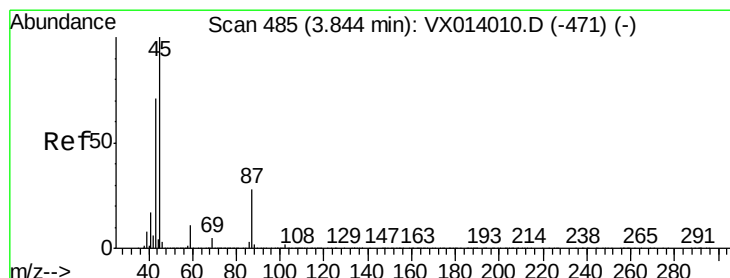
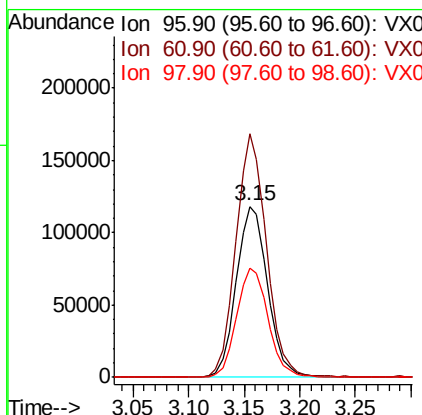
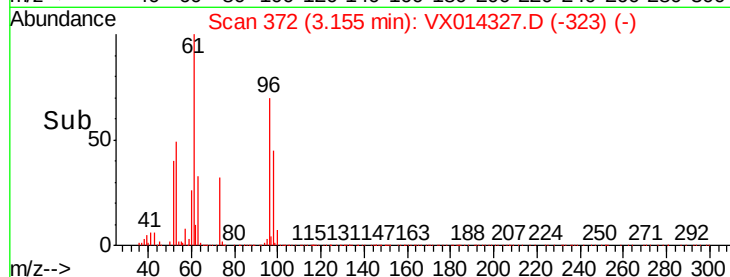
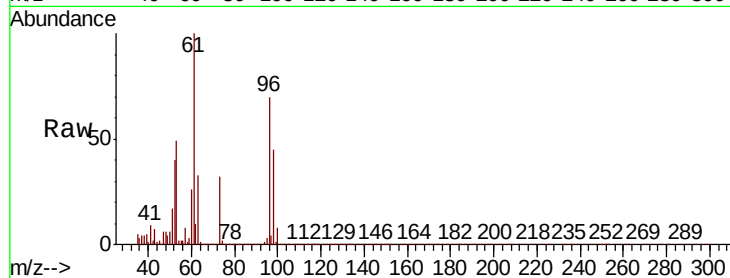
98 64.0 50.8 76.2

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#22

Diisopropyl ether

Concen: 54.898 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion: 45 Resp: 845652

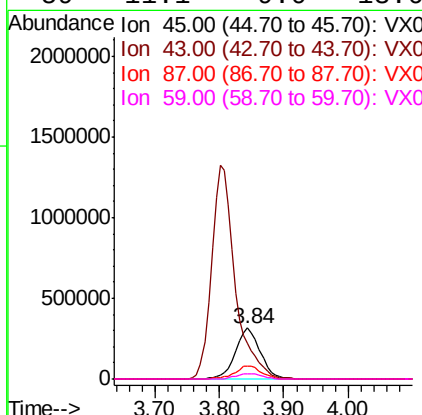
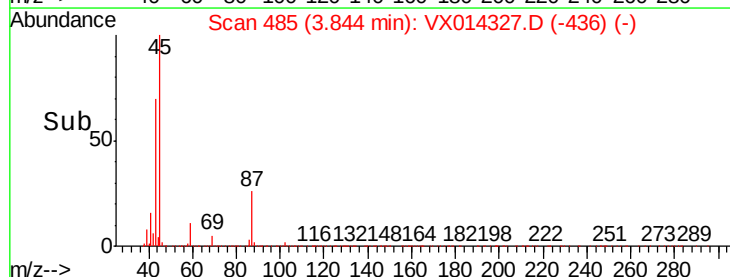
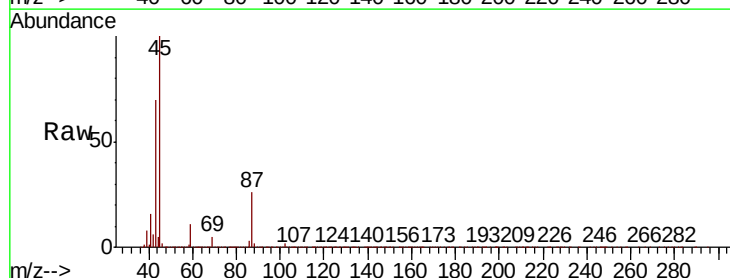
Ion Ratio Lower Upper

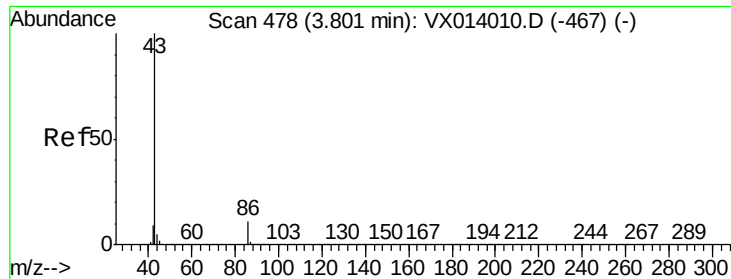
45 100

43 69.6 57.4 86.0

87 25.5 21.9 32.9

59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 270.091 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampled :

OW-5MSD

Tot Ion: 43 Resp: 3395181

Ion Ratio Lower Upper

43 100

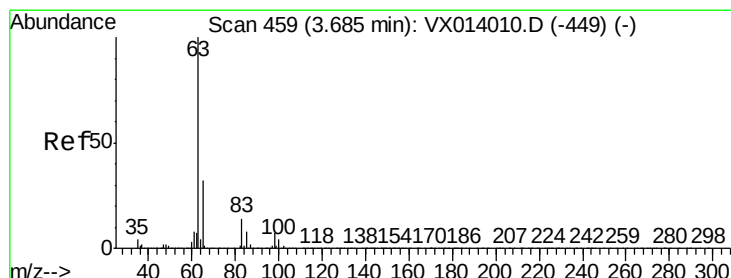
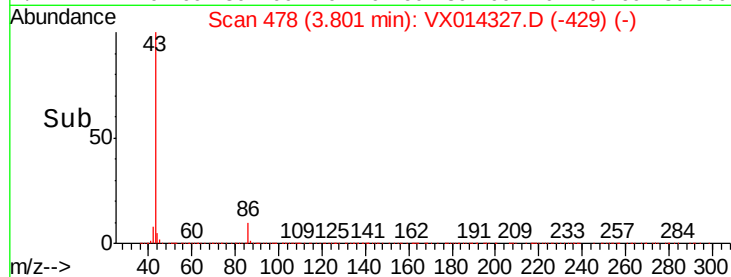
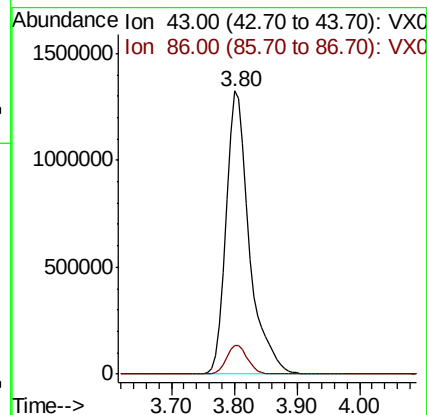
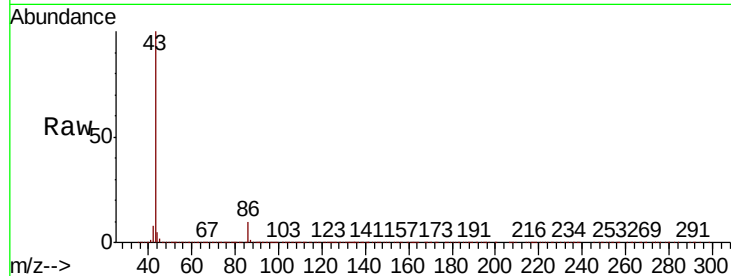
86 10.3 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 52.311 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

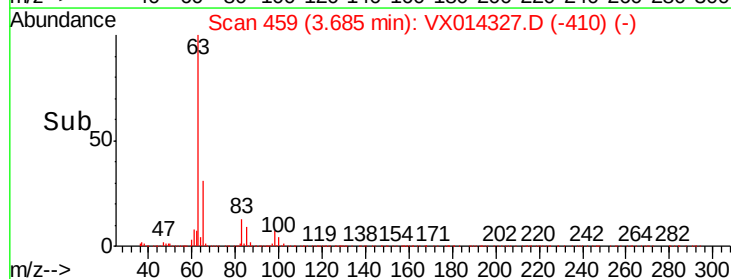
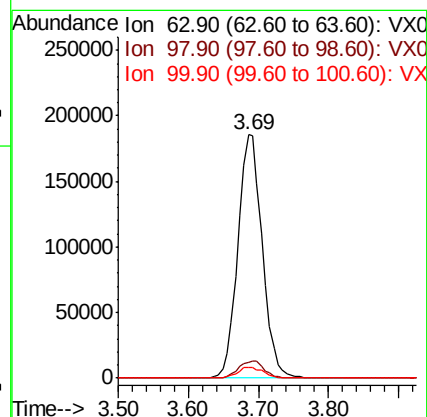
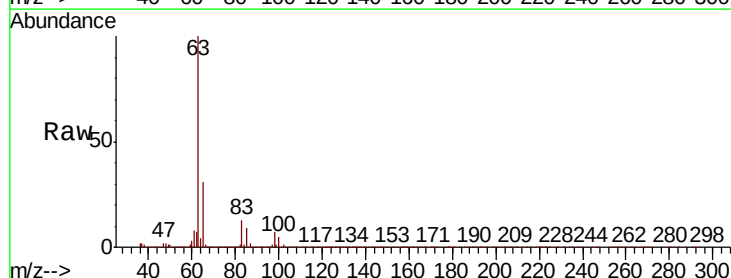
Tgt Ion: 63 Resp: 448312

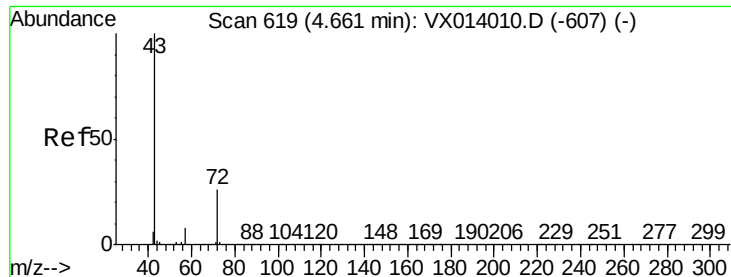
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 249.656 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tot Ion: 43 Resp: 1019296

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

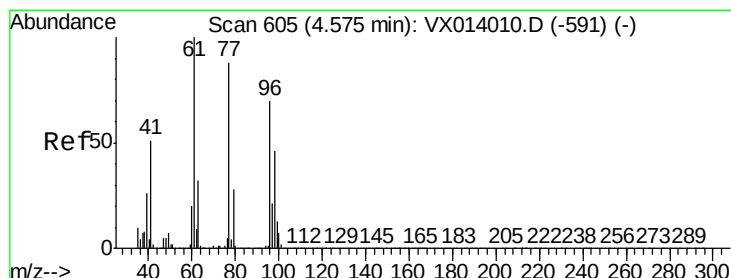
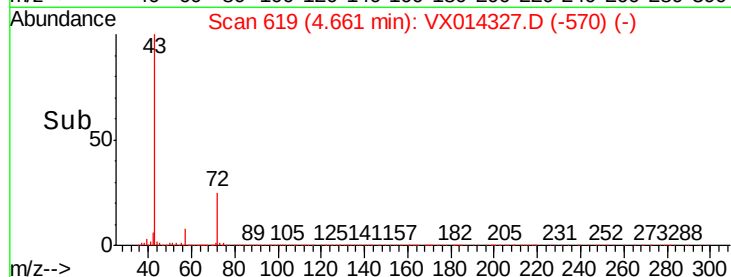
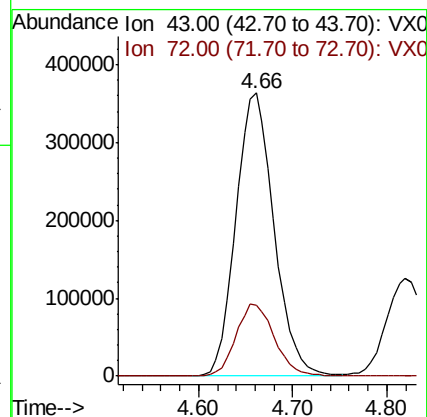
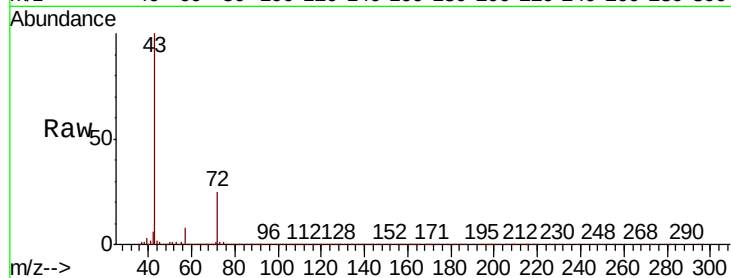
OW-5MSD

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#26

2,2-Dichloropropane

Concen: 44.673 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014327.D

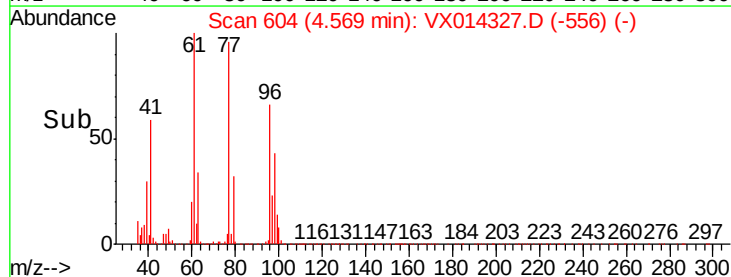
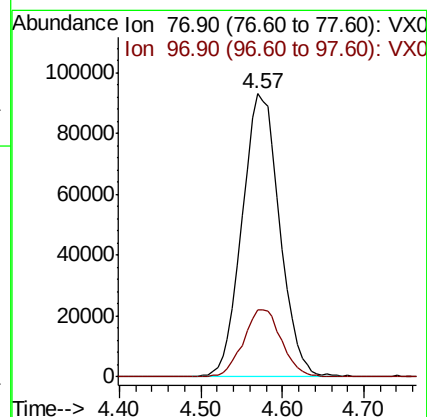
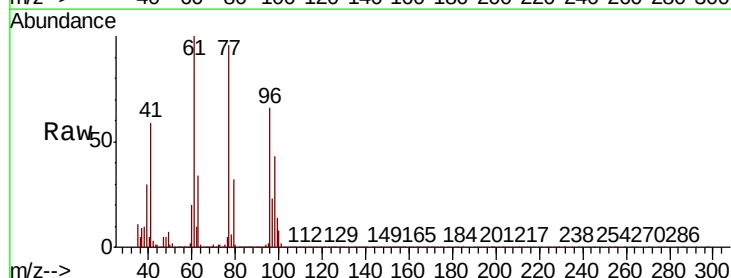
Acq: 27 Dec 2019 22:21

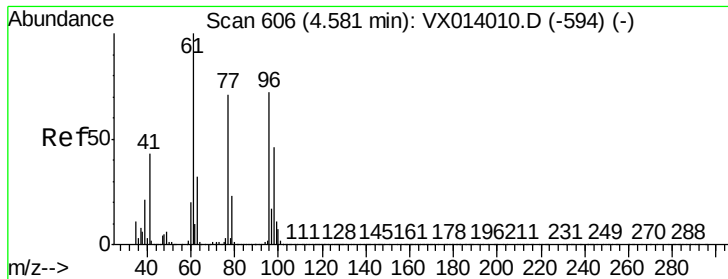
Tgt Ion: 77 Resp: 297251

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9





#27

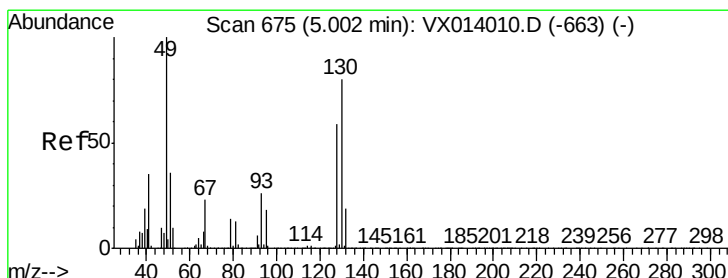
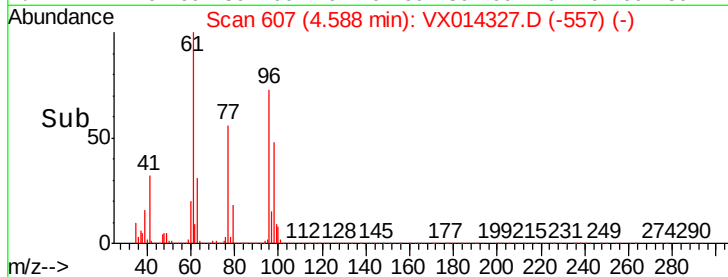
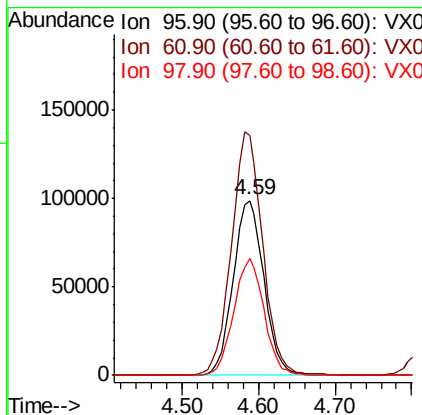
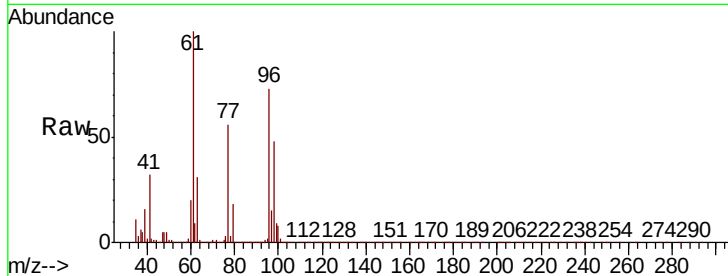
cis-1,2-Dichloroethene
Concen: 51.097 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	275630		
61	139.9	0.0	288.4	
98	65.4	0.0	129.6	

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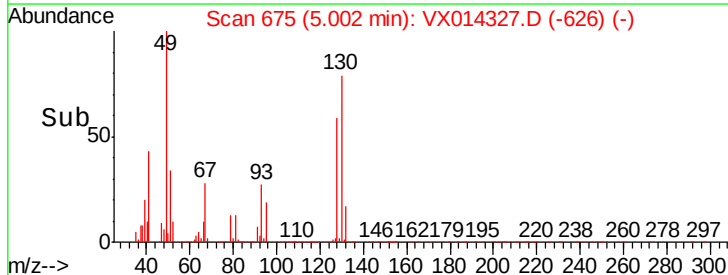
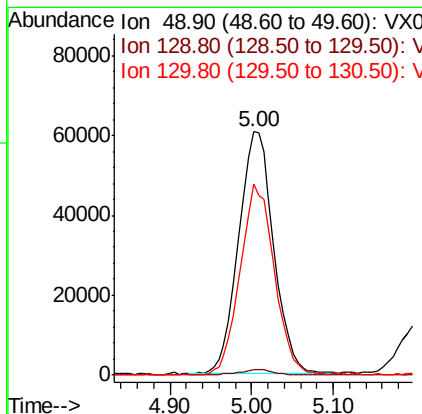
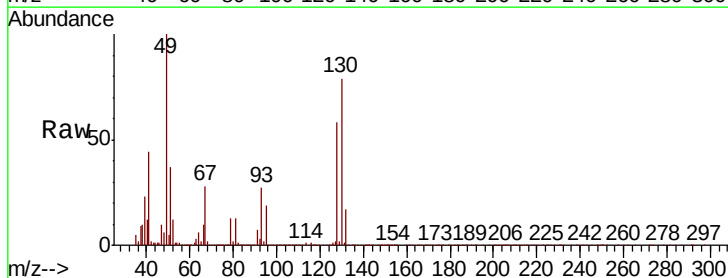
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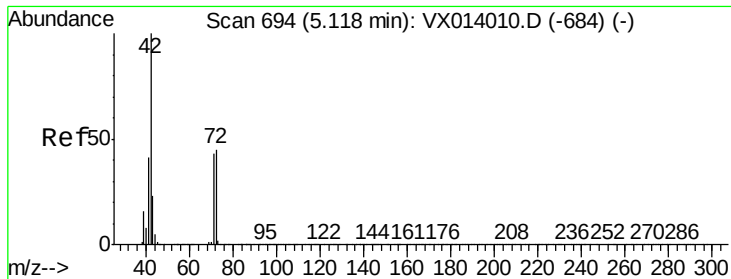


#28

Bromochloromethane
Concen: 54.929 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	181193		
129	2.1	0.0	5.0	
130	76.7	64.6	97.0	





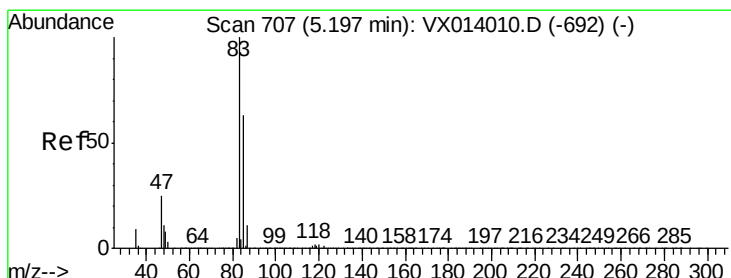
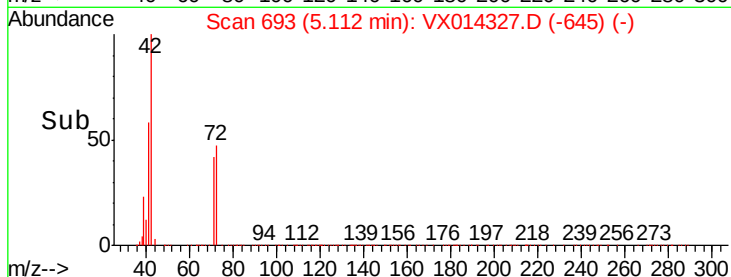
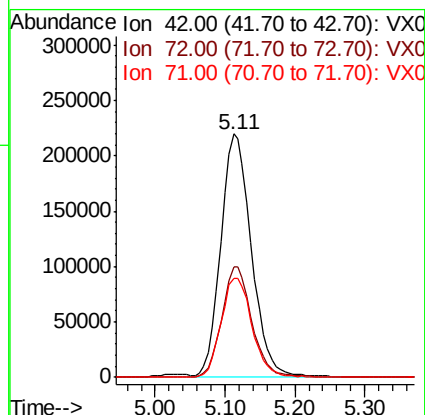
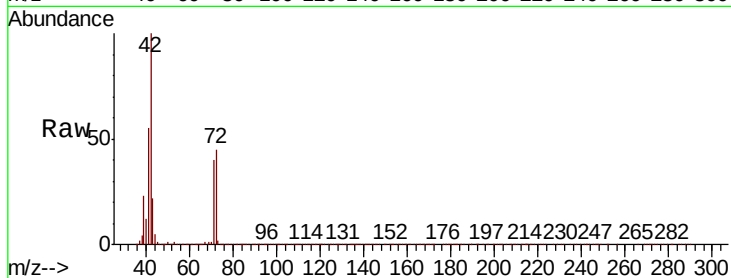
#29
Tetrahydrofuran
Concen: 290.411 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.8	53.8
71	41.4	33.6	50.4

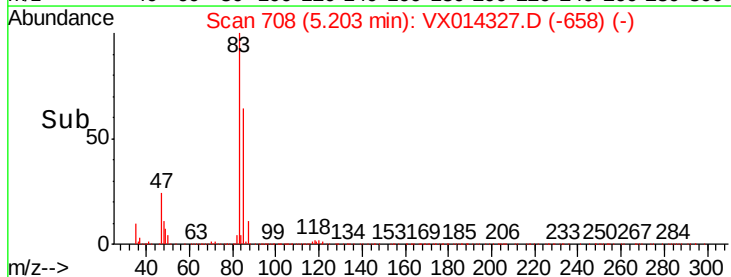
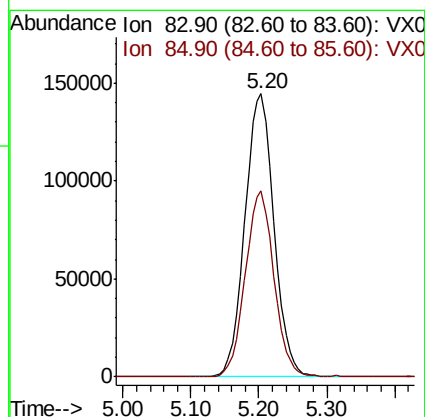
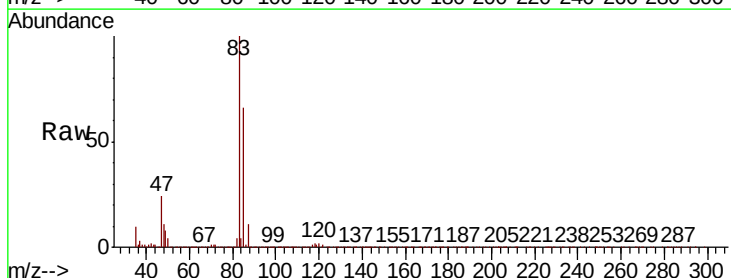
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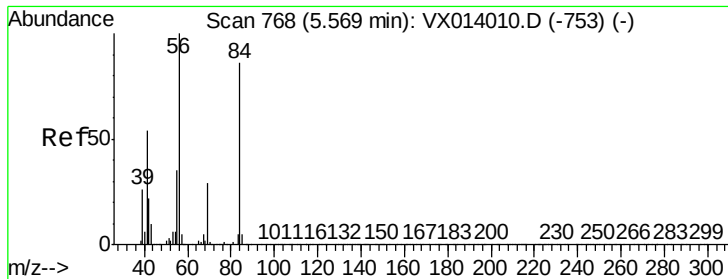
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#30
Chloroform
Concen: 52.836 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.8	76.2





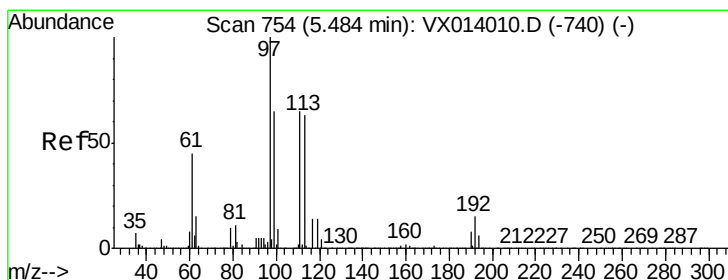
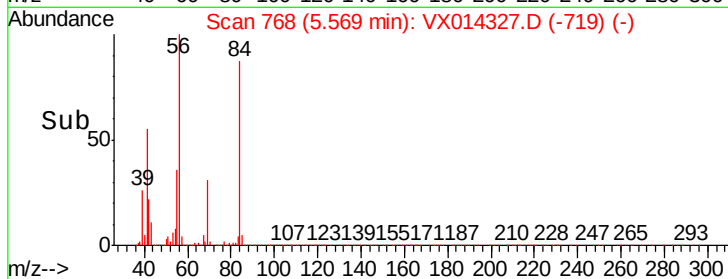
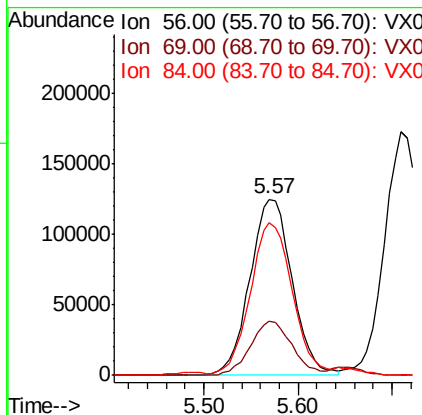
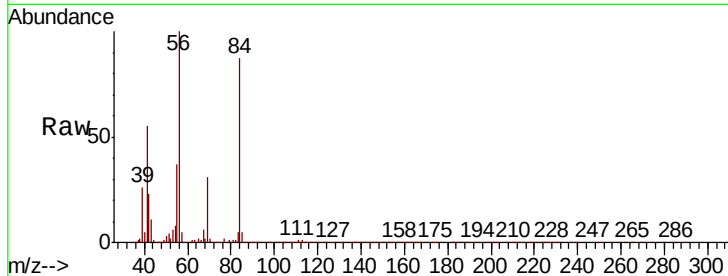
#31
Cyclohexane
Concen: 50.985 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.2	34.8
84	85.5	69.2	103.8

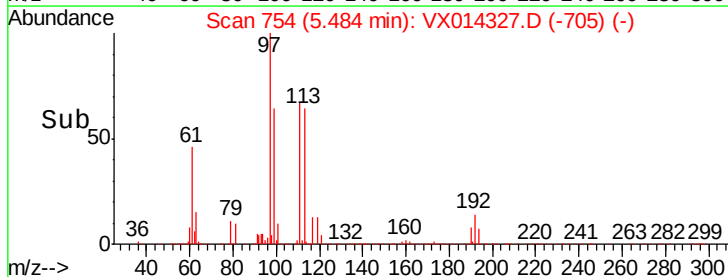
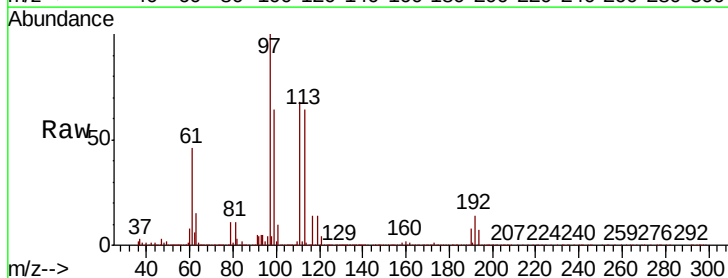
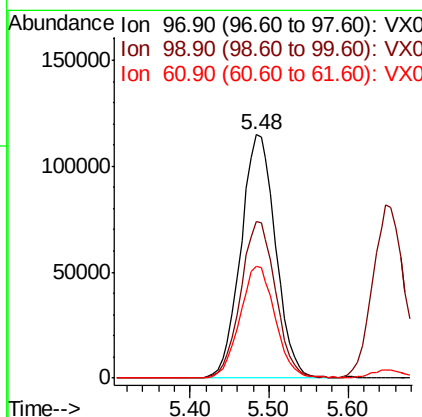
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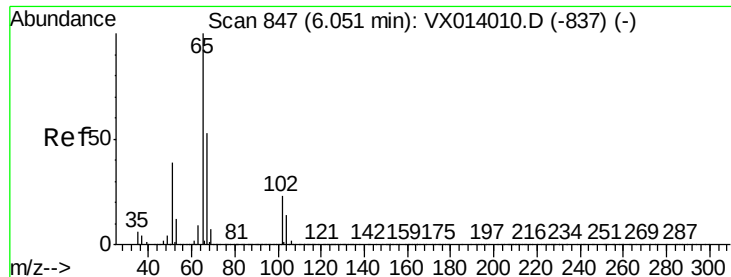
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#32
1,1,1-Trichloroethane
Concen: 50.698 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	46.2	36.7	55.1





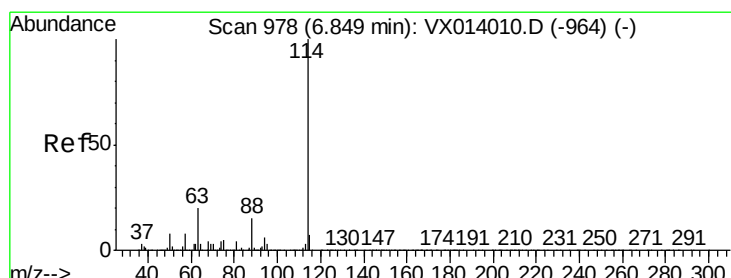
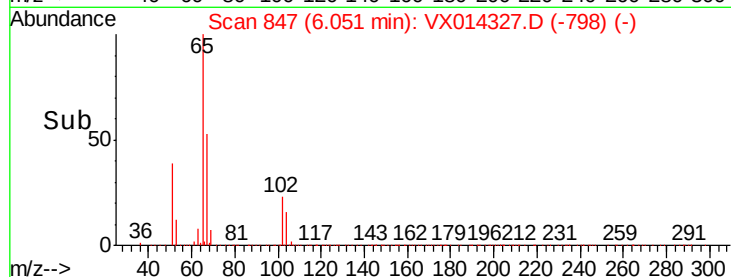
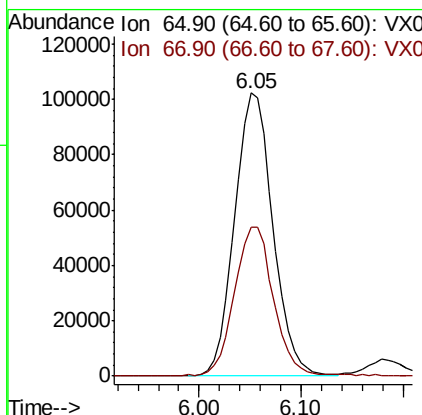
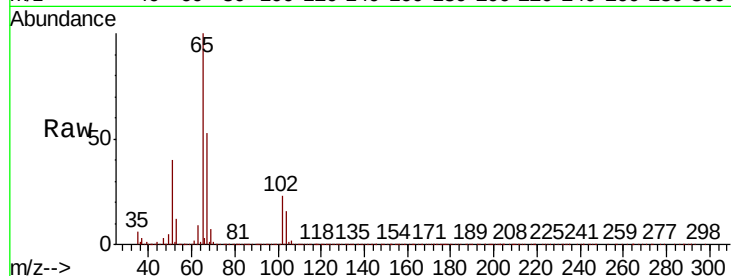
#33
 1,2-Dichloroethane-d4
 Concen: 52.116 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	265839		
67	53.2	0.0	106.4	

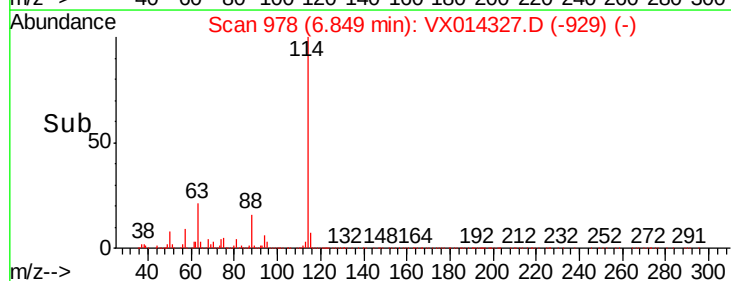
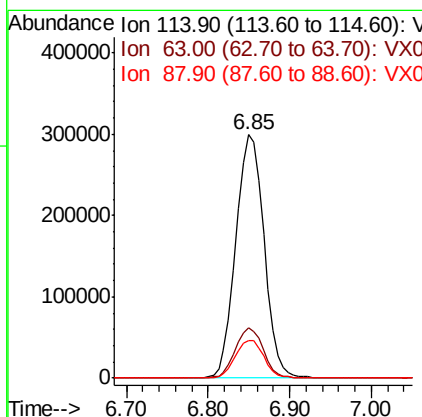
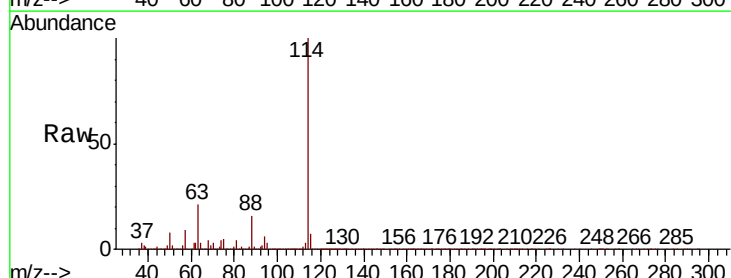
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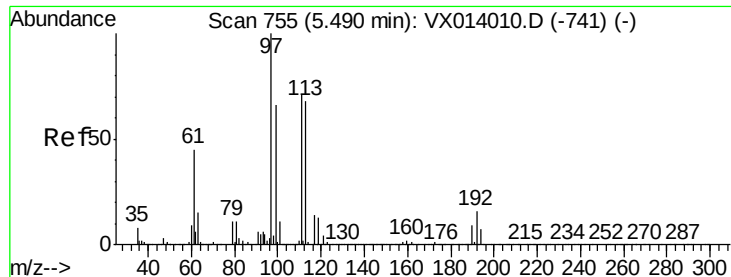
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	720319		
63	20.6	0.0	40.8	
88	15.6	0.0	30.4	





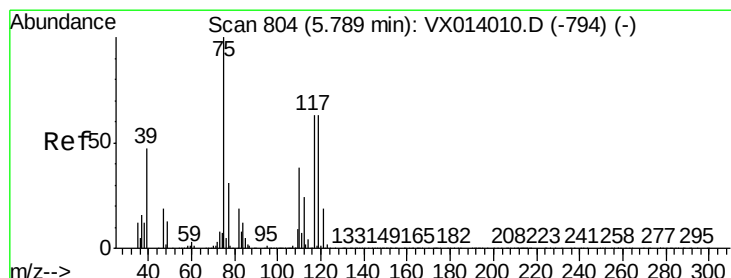
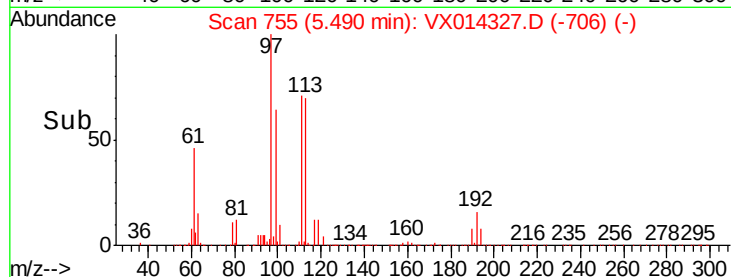
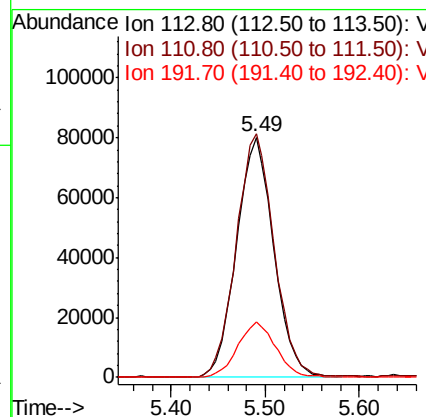
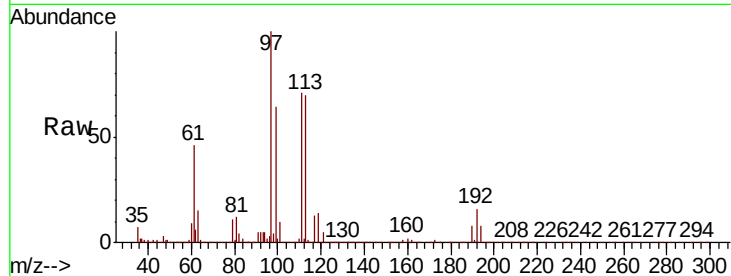
#35
Dibromofluoromethane
Concen: 50.190 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	219769		
111	103.9	82.0	123.0	
192	23.7	19.3	28.9	

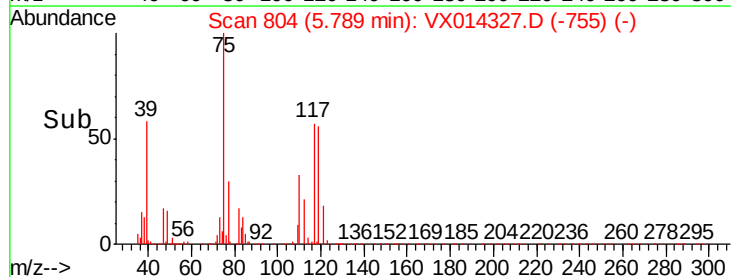
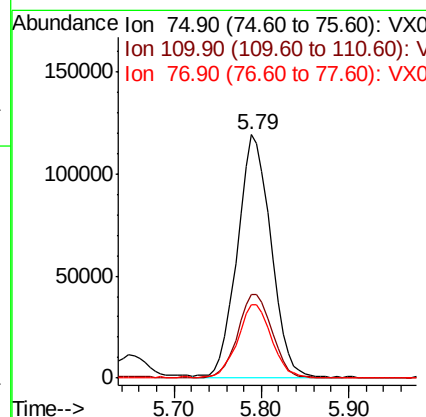
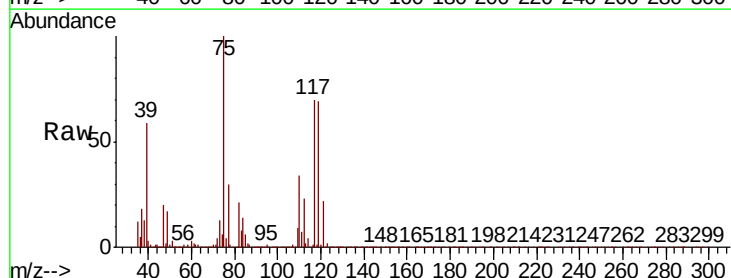
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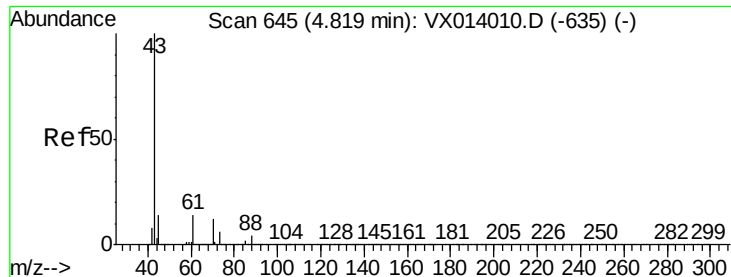
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#36
1,1-Dichloropropene
Concen: 47.925 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	316751		
110	35.1	18.3	54.9	
77	30.0	24.8	37.2	





#37

Ethyl Acetate

Concen: 51.014 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

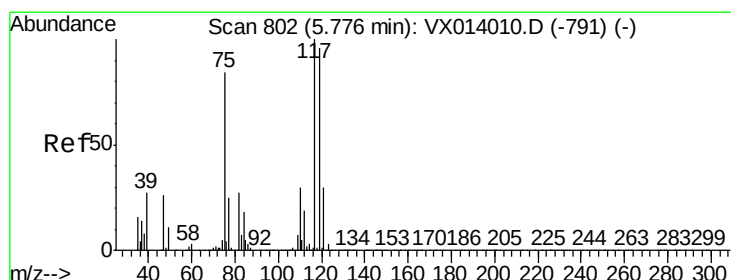
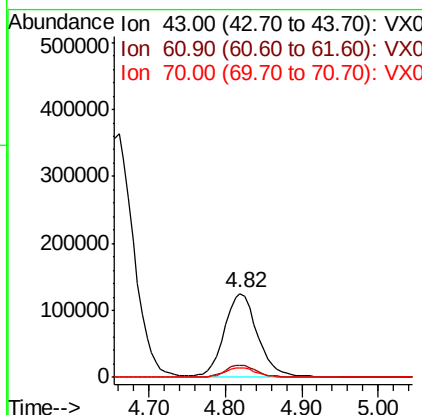
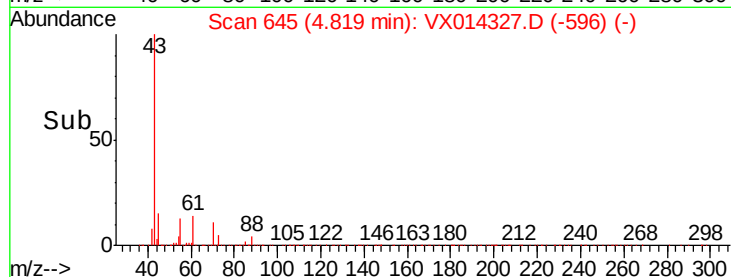
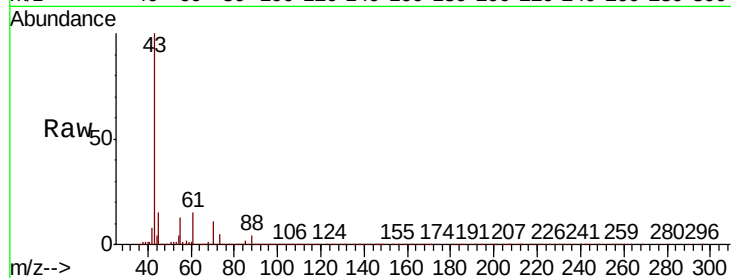
ClientSampleId :

OW-5MSD

Tot Ion:	43	Resp:	372328
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.9	8.6	12.8

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#38

Carbon Tetrachloride

Concen: 49.224 ug/l

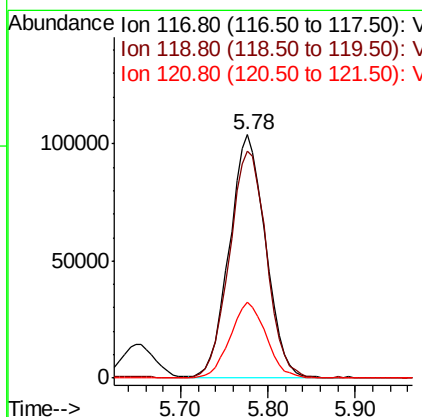
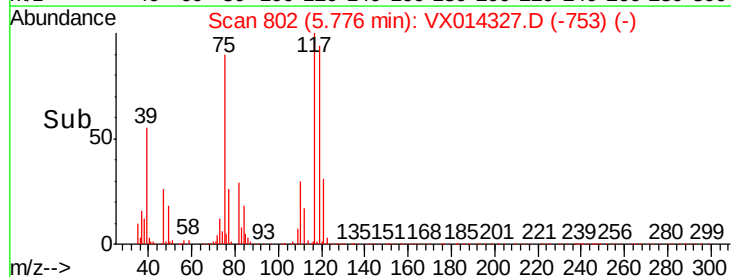
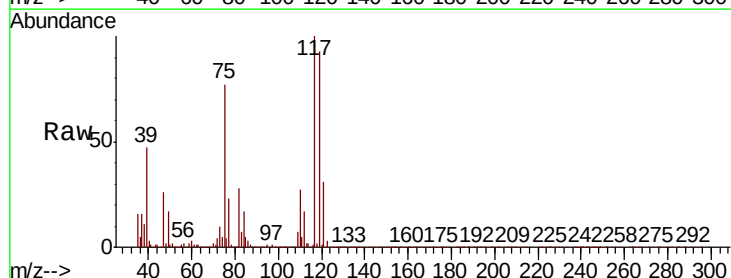
RT: 5.78 min Scan# 802

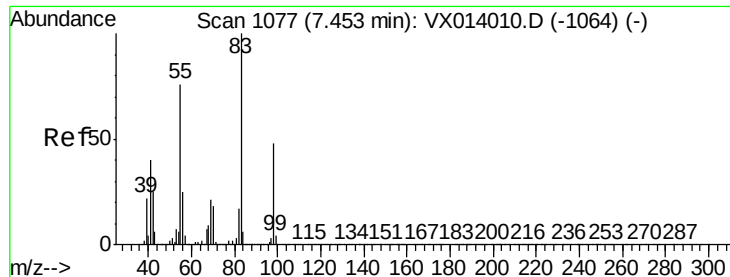
Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion:	117	Resp:	296382
Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.2	114.4
121	31.0	23.6	35.4





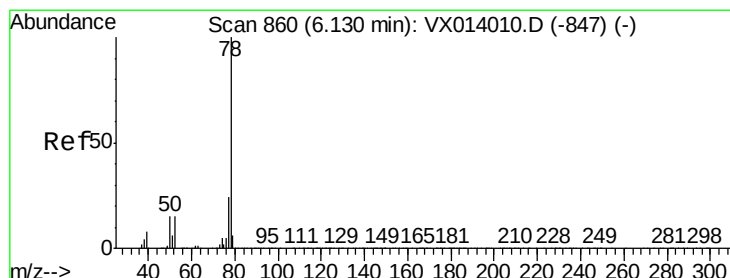
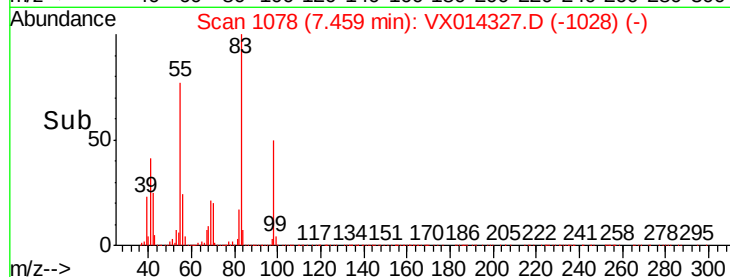
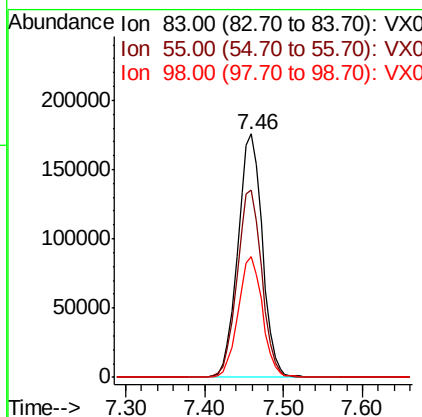
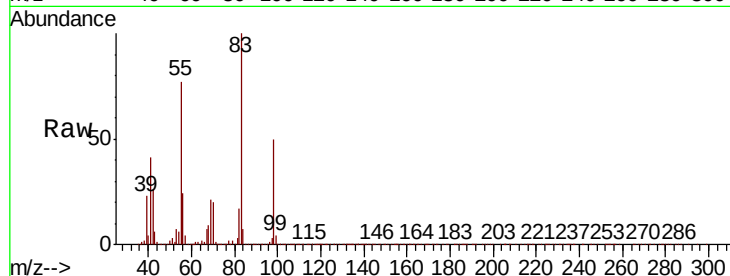
#39
Methylvlcyclohexane
Concen: 46.374 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.8	61.0	91.6	
98	49.8	38.6	57.8	

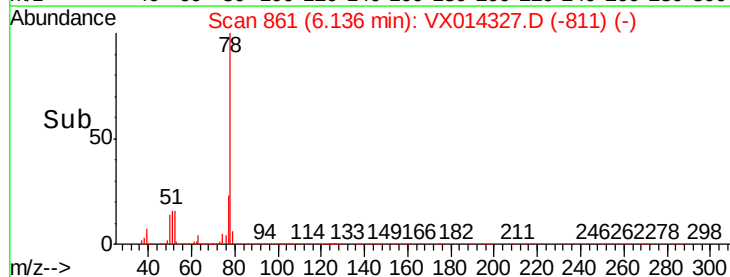
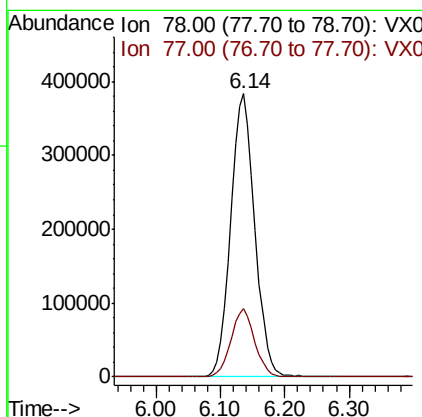
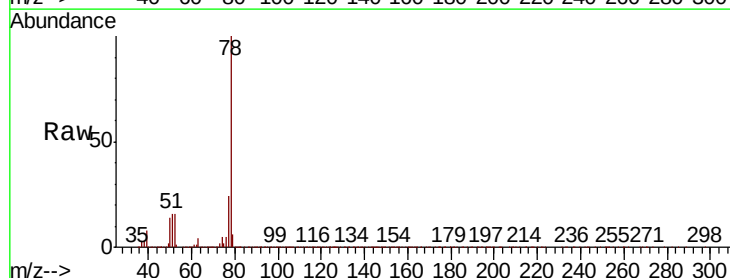
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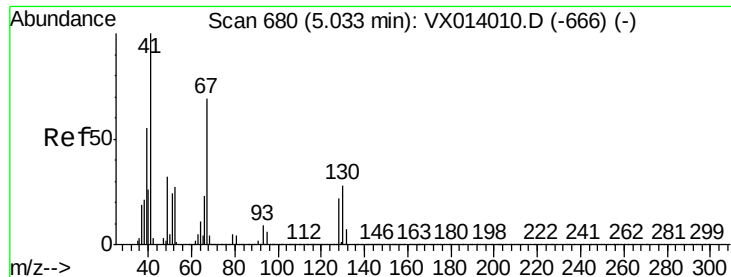
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#40
Benzene
Concen: 49.384 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	18.8	28.2	





#41

Methacrylonitrile

Concen: 55.651 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

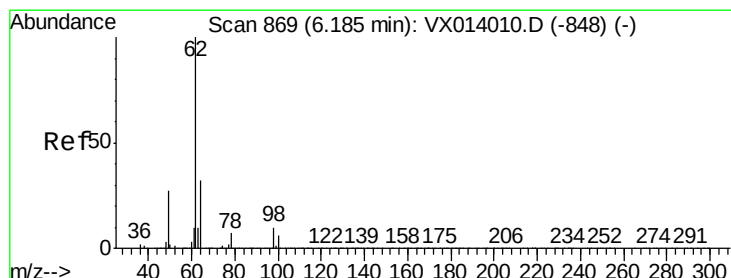
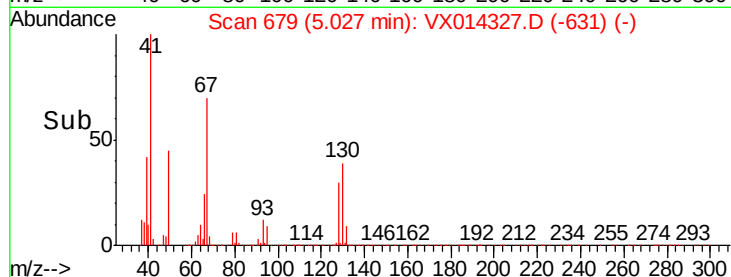
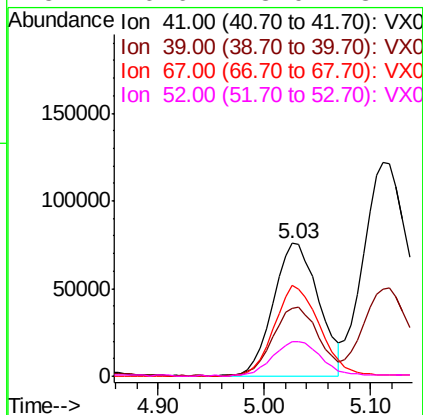
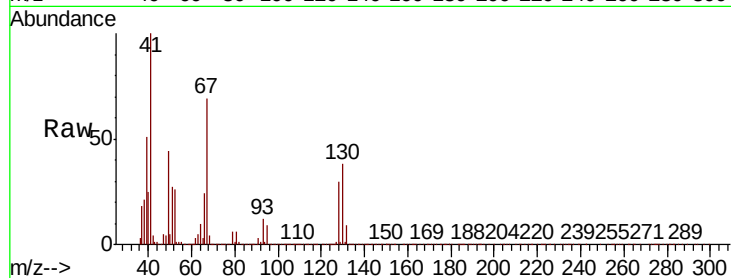
ClientSampleId :

OW-5MSD

Tot Ion	Ratio	Resp Lower	Upper
41	100		
39	52.4	44.5	66.7
67	67.7	57.4	86.0
52	26.6	23.0	34.4

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#42

1,2-Dichloroethane

Concen: 49.757 ug/l

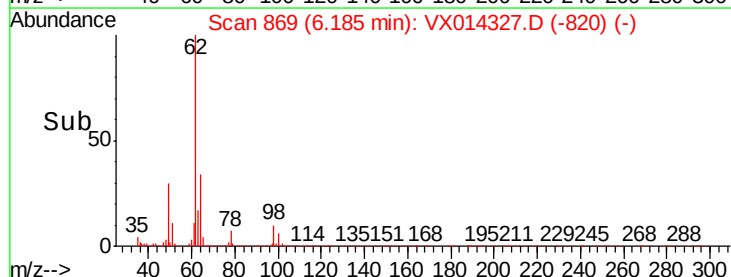
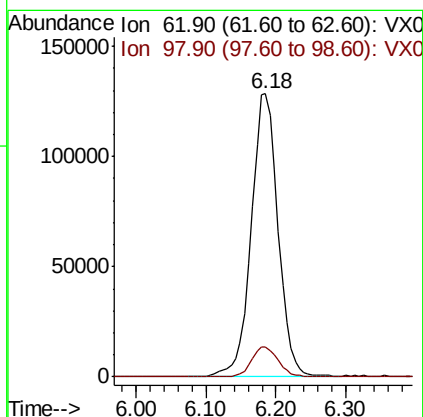
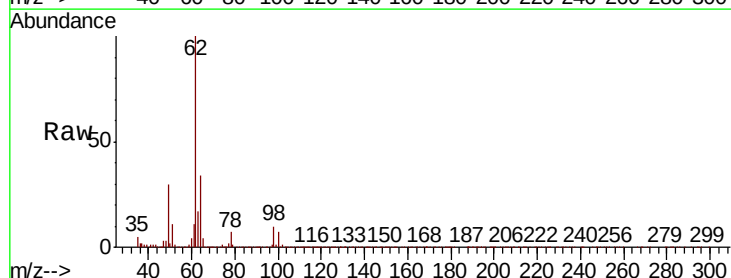
RT: 6.18 min Scan# 869

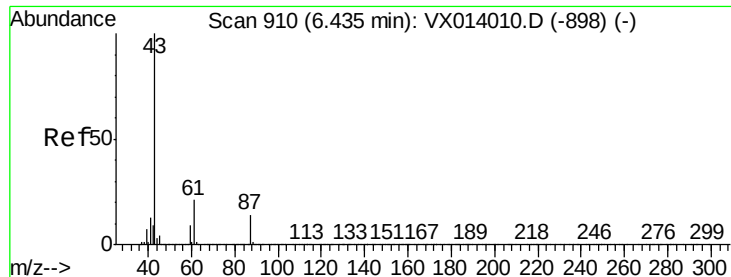
Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Resp Lower	Upper
62	100		
98	10.6	0.0	21.0





#43

Isopropyl Acetate

Concen: 51.534 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

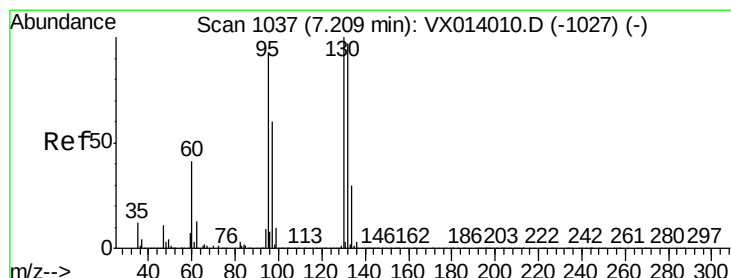
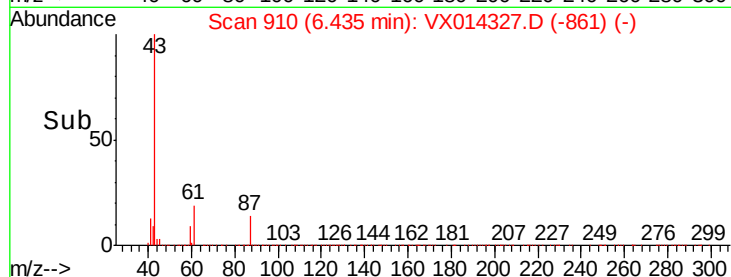
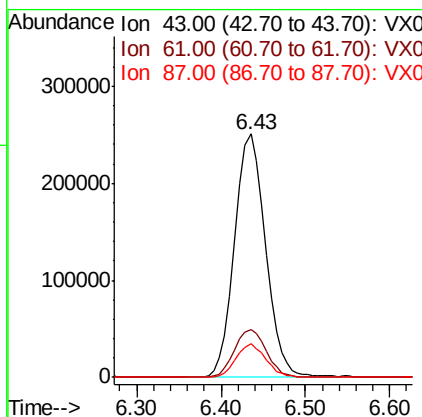
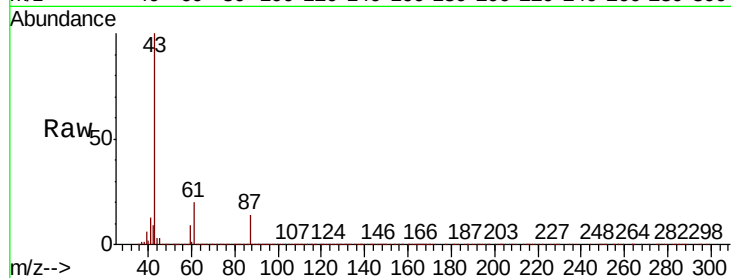
ClientSampleId :

OW-5MSD

Tot Ion:	43	Resp:	622469
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.4	24.6
87	13.1	10.7	16.1

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#44

Trichloroethene

Concen: 47.383 ug/l

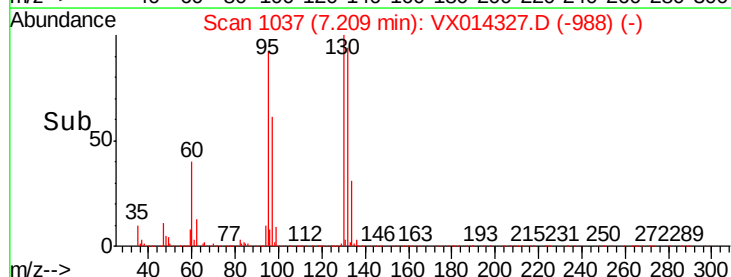
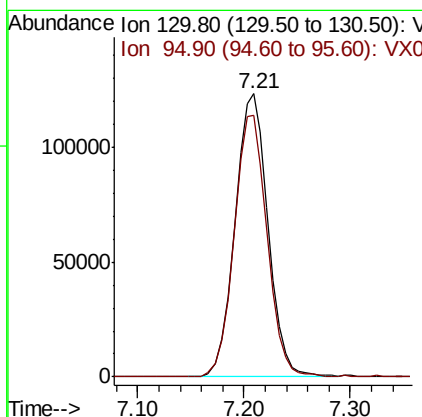
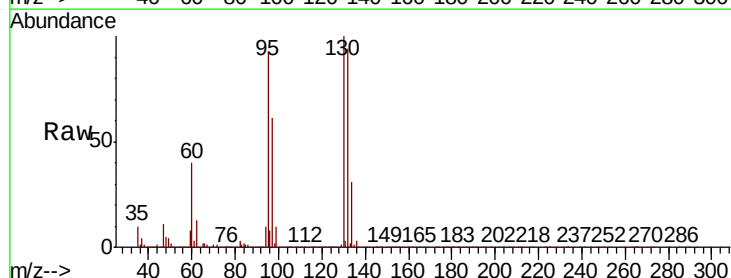
RT: 7.21 min Scan# 1037

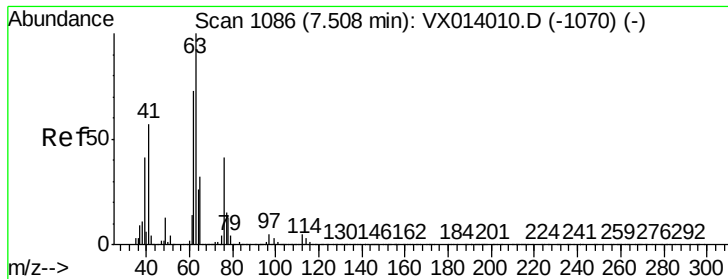
Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion:	130	Resp:	266150
Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	185.6





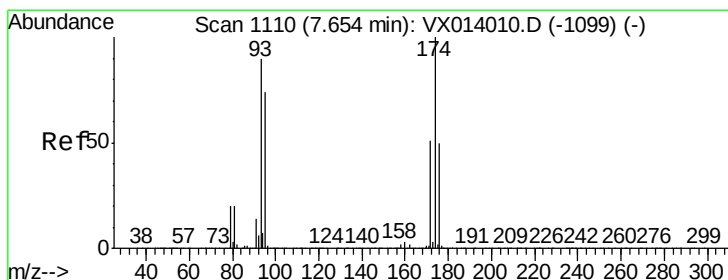
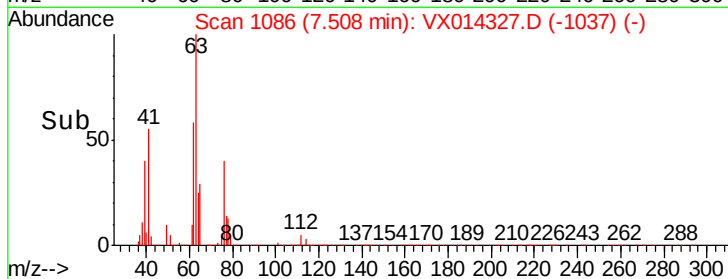
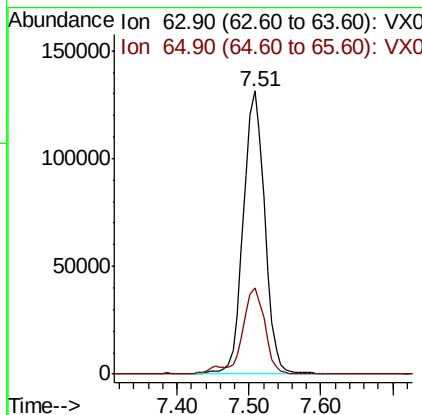
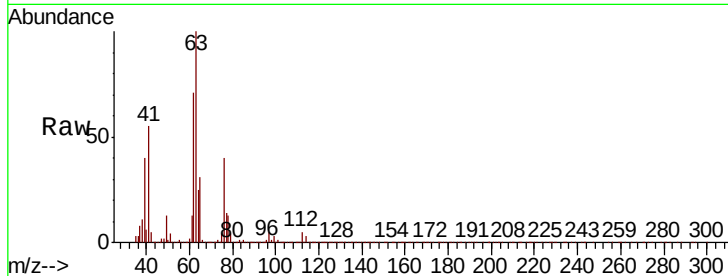
#45
 1,2-Dichloropropane
 Concen: 51.802 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.8	38.8

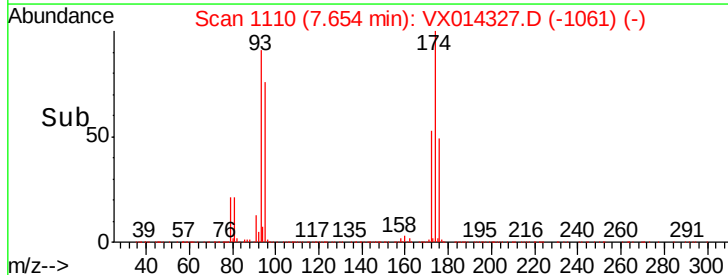
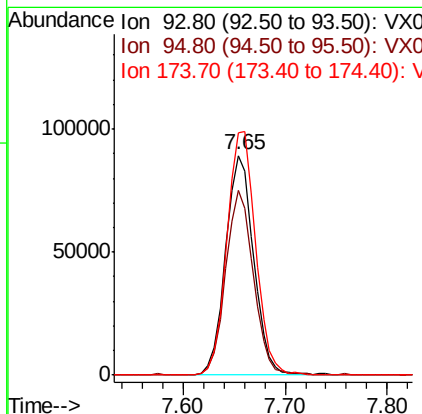
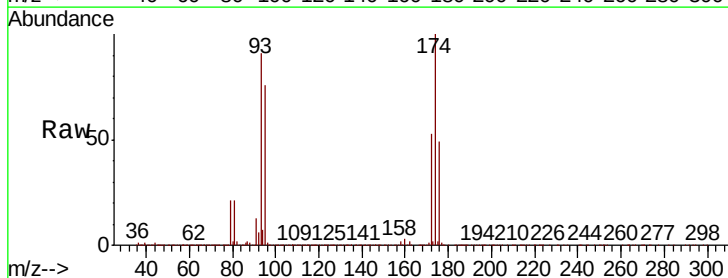
Manual Integrations
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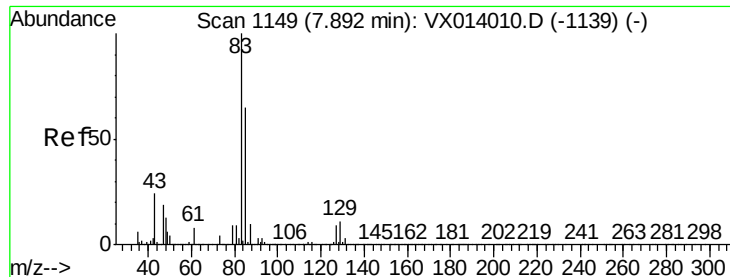
apatel
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#46
 Dibromomethane
 Concen: 48.912 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	67.3	100.9
174	114.0	91.6	137.4





#47

Bromodichloromethane

Concen: 51.082 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

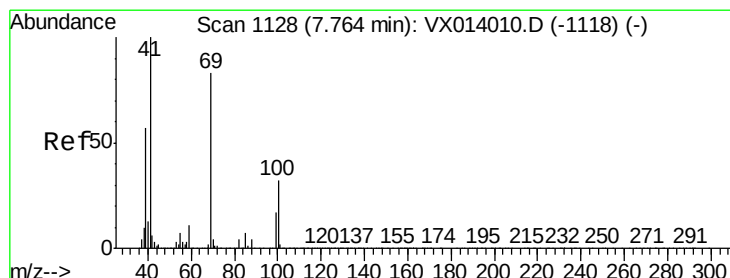
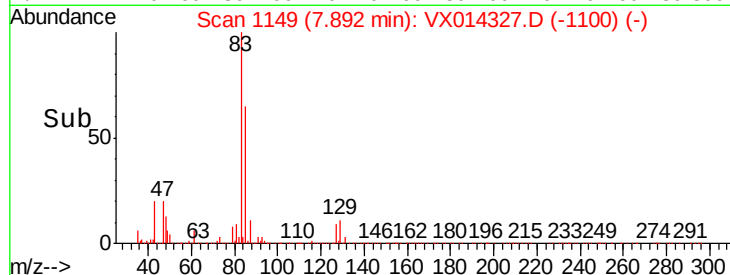
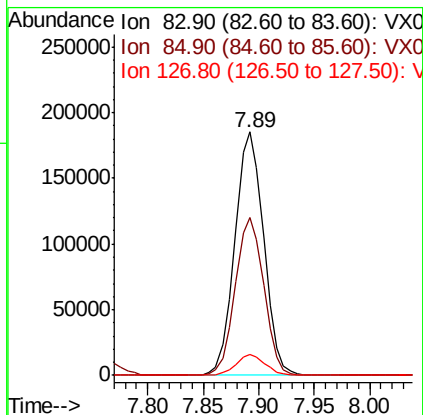
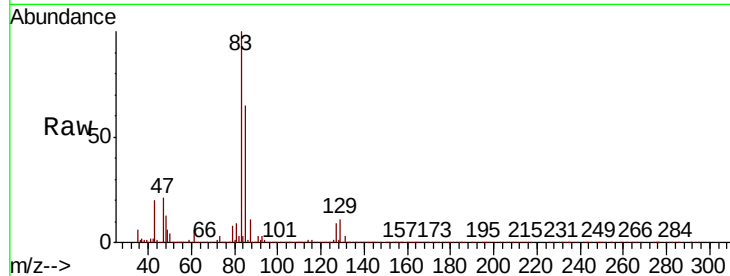
ClientSampleId :

OW-5MSD

Tot Ion:	83	Resp:	331535
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.8	77.8
127	8.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.815 ug/l

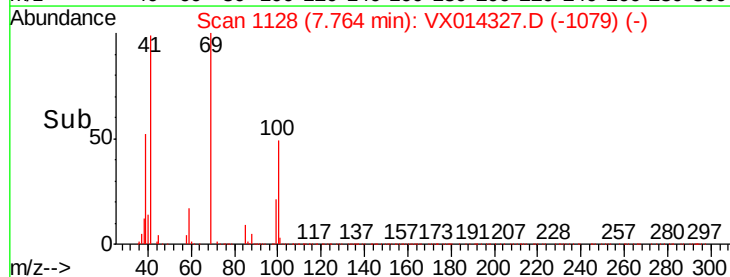
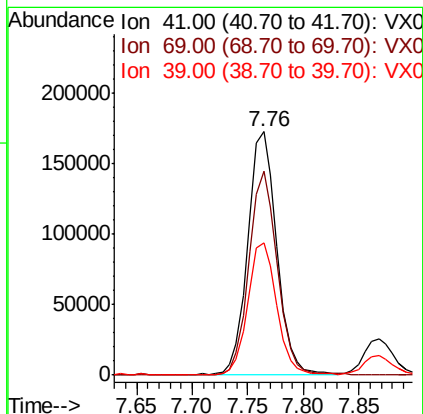
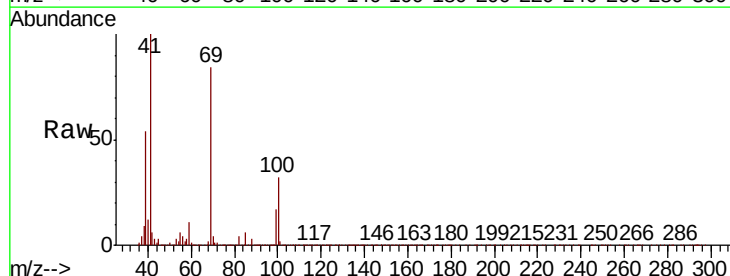
RT: 7.76 min Scan# 1128

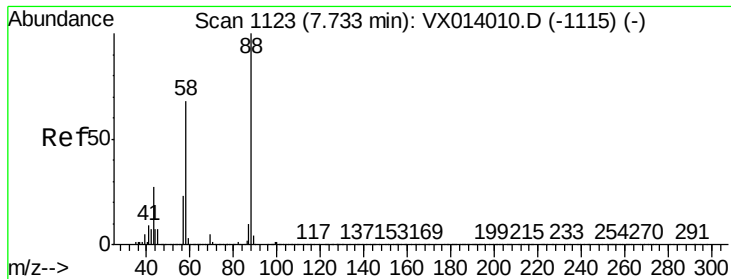
Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion:	41	Resp:	312384
Ion Ratio	Lower	Upper	
41	100		
69	82.8	65.8	98.6
39	54.4	44.6	67.0





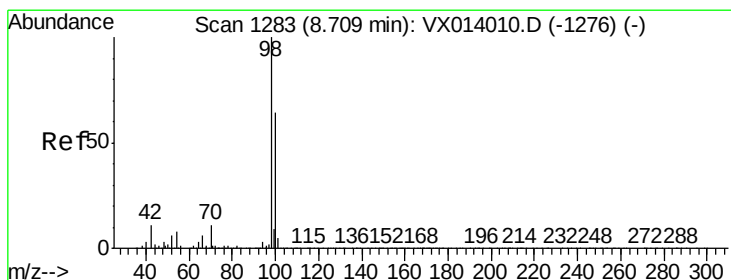
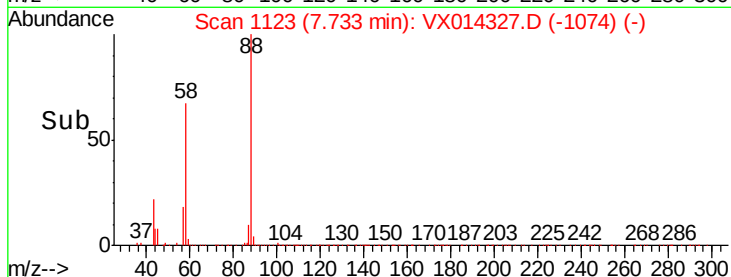
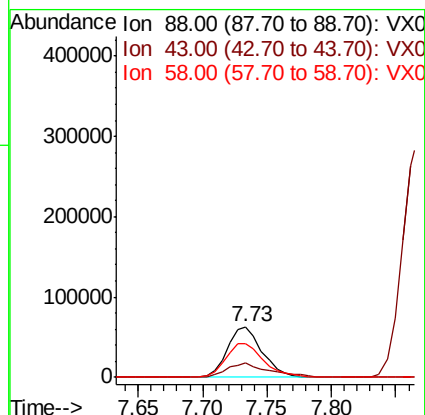
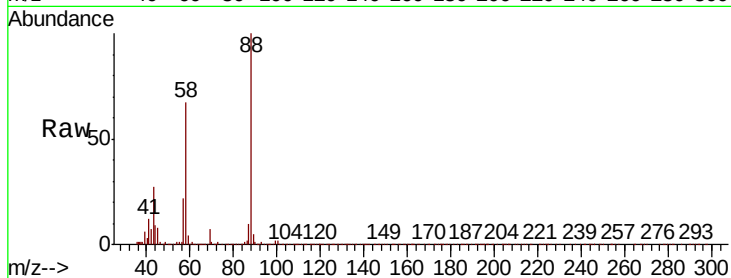
#49
1,4-Dioxane
Concen: 985.814 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.5	39.7
58	71.5	56.8	85.2

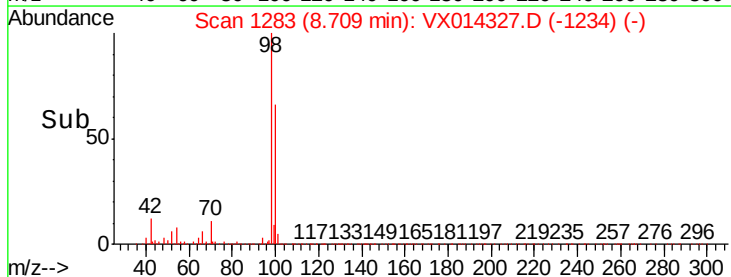
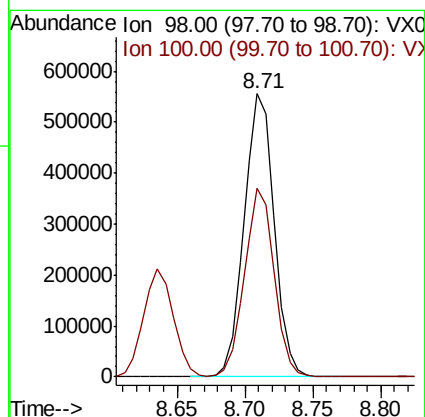
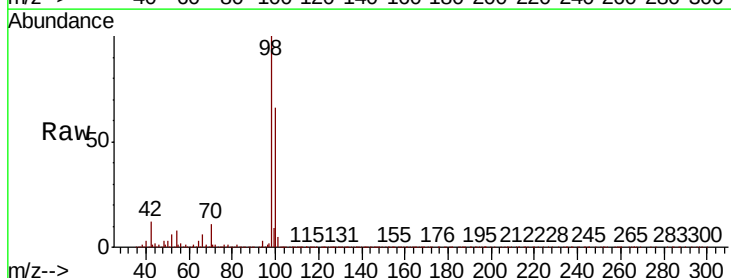
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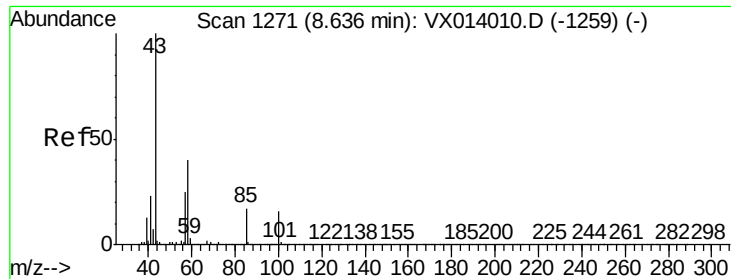
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#50
Toluene-d8
Concen: 50.318 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3





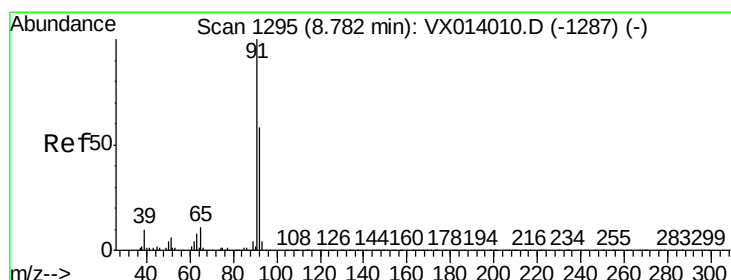
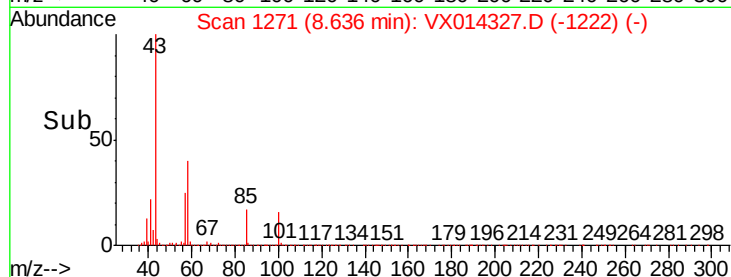
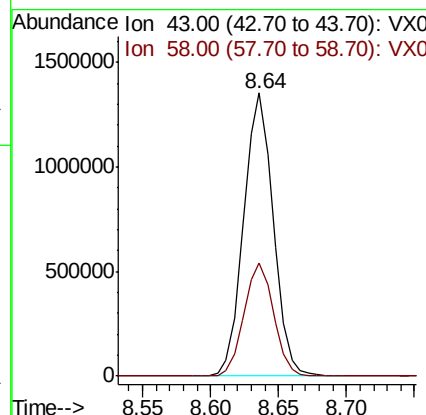
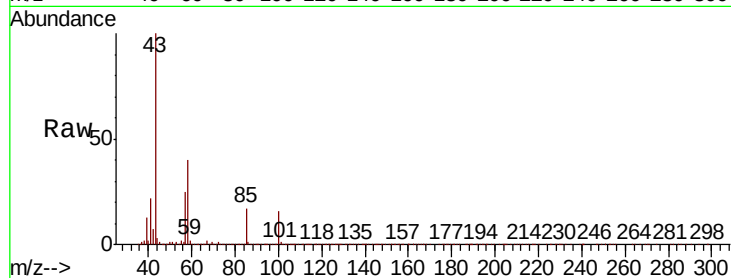
#51
4-Methyl-2-Pentanone
Concen: 271.356 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.2	48.2

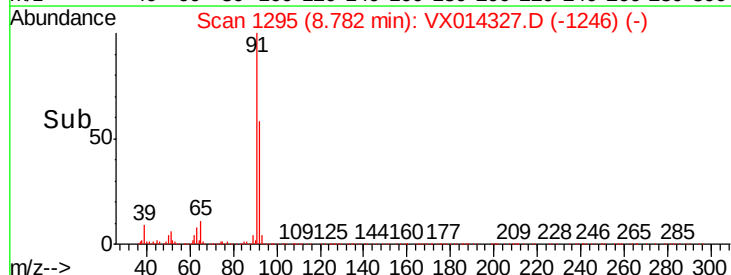
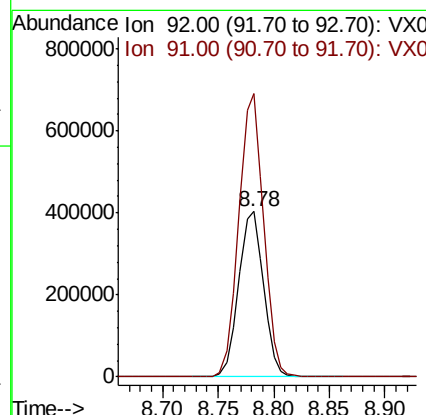
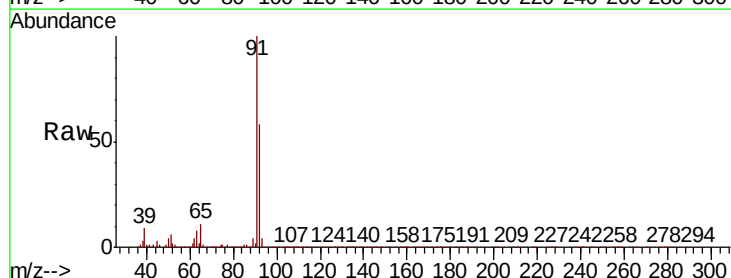
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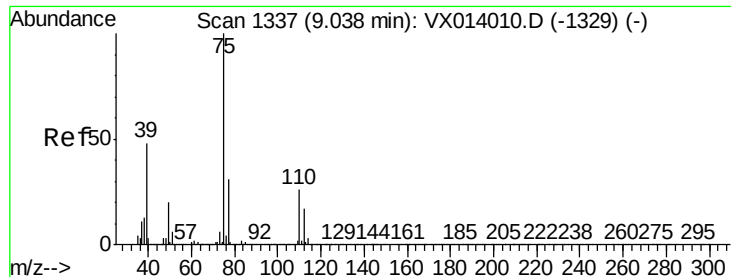
apatel
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#52
Toluene
Concen: 48.488 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.5	136.2	204.4





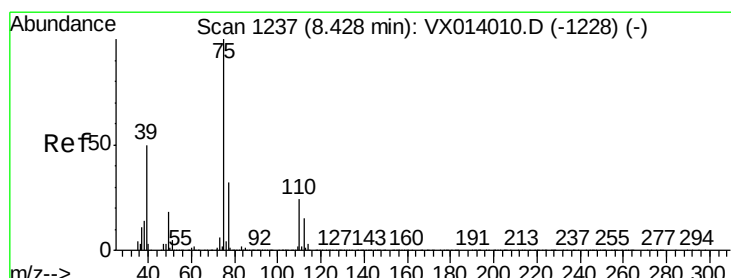
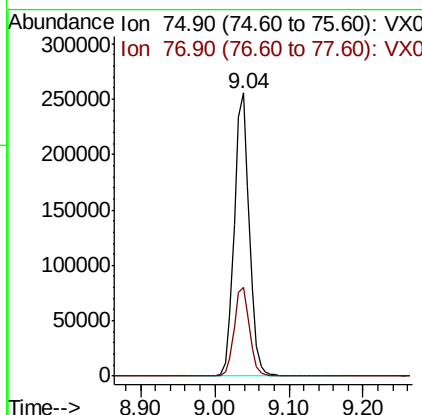
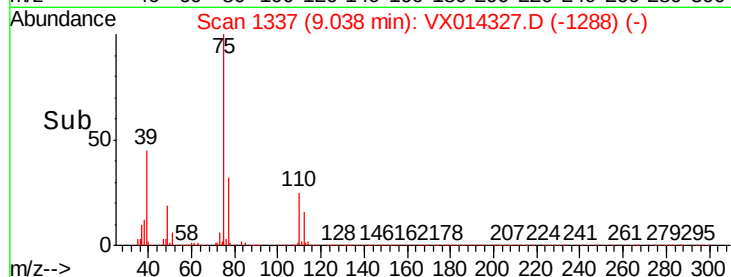
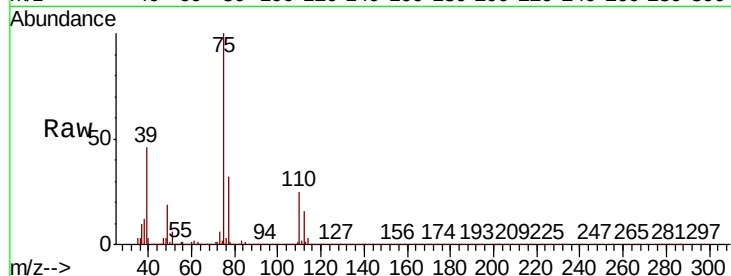
#53
t-1,3-Dichloropropene
Concen: 50.920 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7

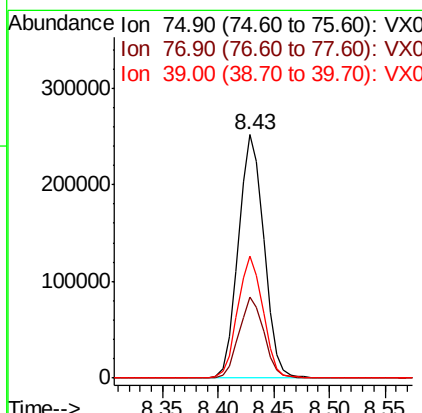
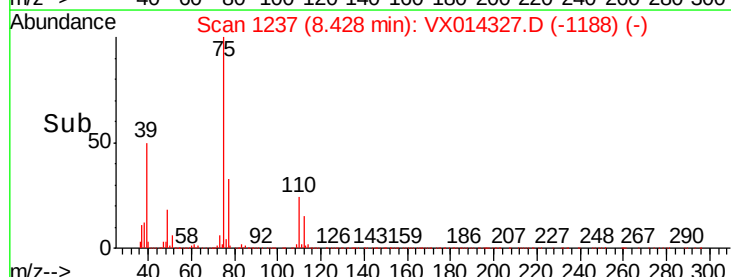
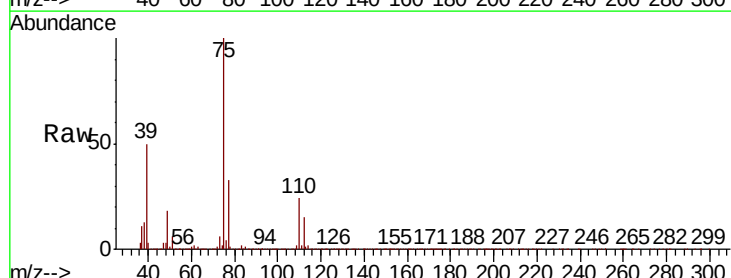
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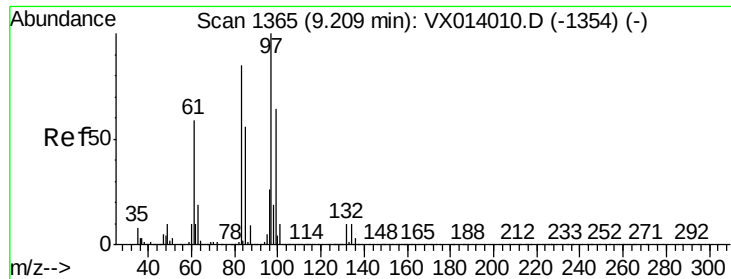
apatel
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#54
cis-1,3-Dichloropropene
Concen: 50.573 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.3	37.9
39	50.2	39.9	59.9





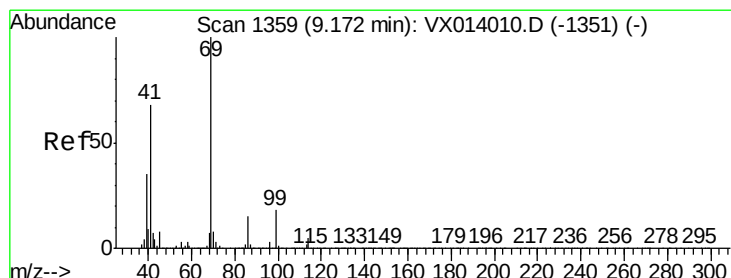
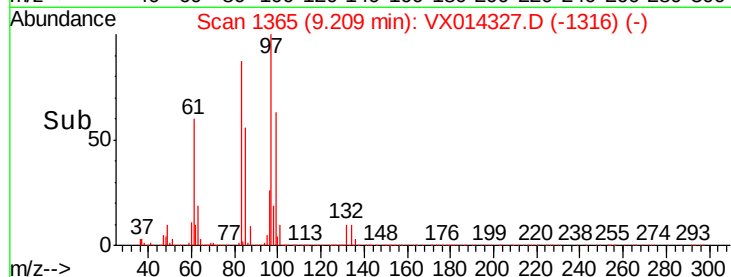
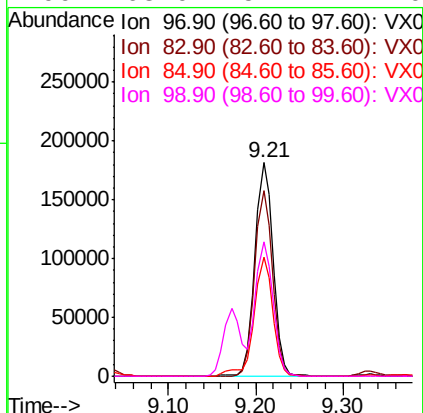
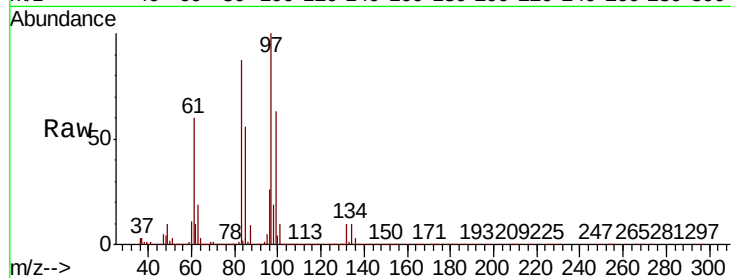
#55
 1,1,2-Trichloroethane
 Concen: 50.630 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		260829		
83	86.9	68.2	102.4		
85	55.5	44.6	66.8		
99	63.0	51.4	77.0		

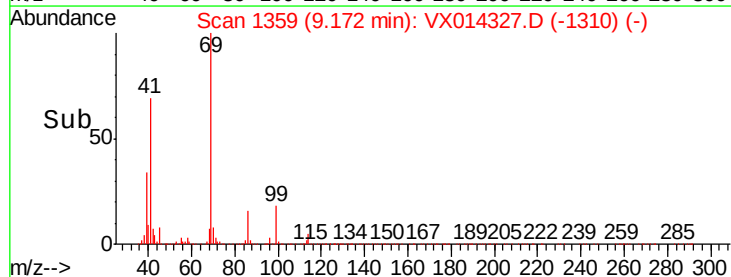
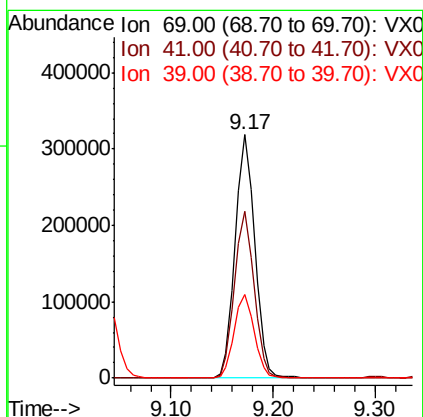
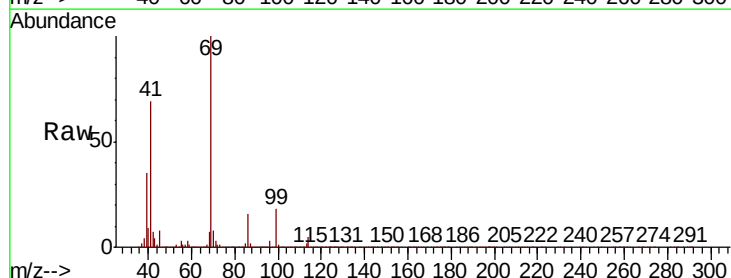
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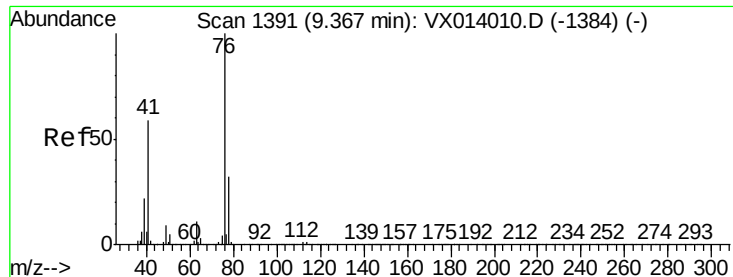
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#56
 Ethyl methacrylate
 Concen: 52.236 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		422719		
41	68.5	54.8	82.2		
39	35.0	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 50.947 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tot Ion: 76 Resp: 441589

Ion Ratio Lower Upper

76 100

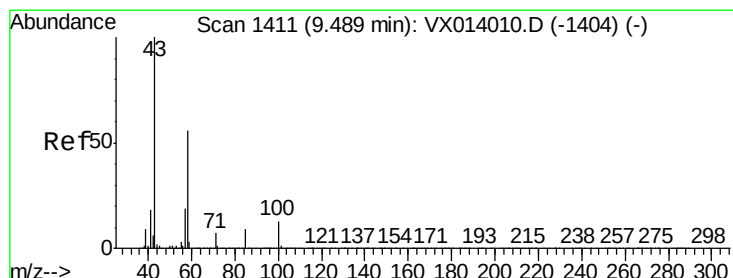
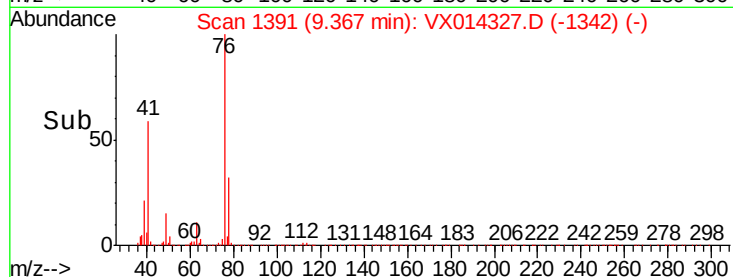
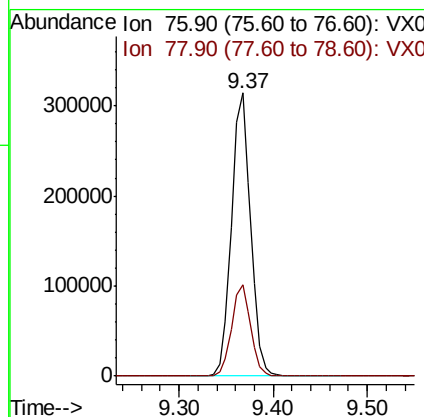
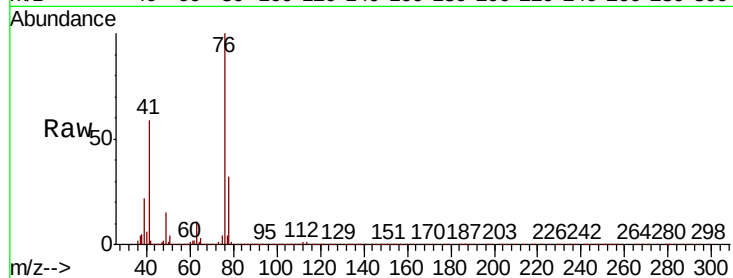
78 32.0 25.8 38.6

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#59

2-Hexanone

Concen: 257.565 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014327.D

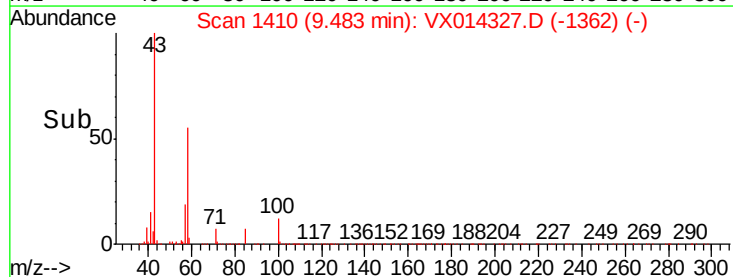
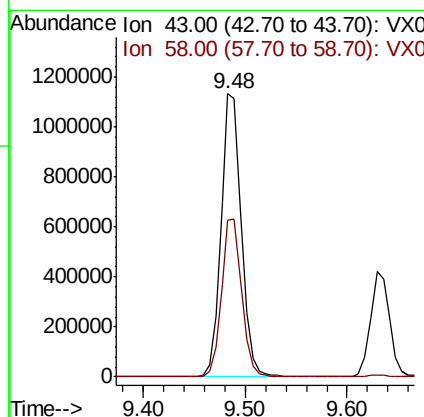
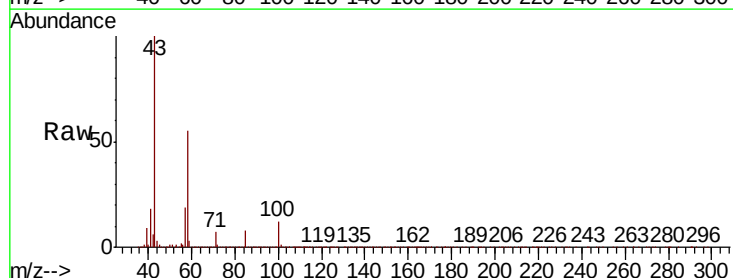
Acq: 27 Dec 2019 22:21

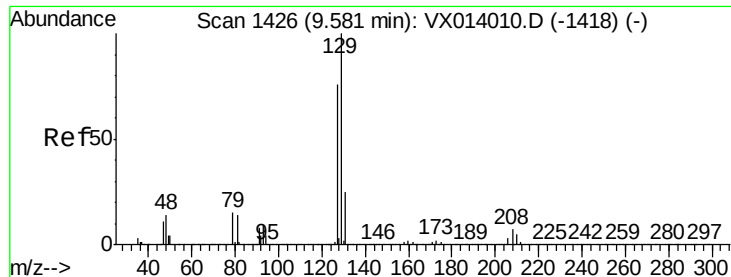
Tgt Ion: 43 Resp: 1572818

Ion Ratio Lower Upper

43 100

58 55.9 28.0 84.0





#60

Dibromochloromethane

Concen: 52.447 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tot Ion:129 Resp: 268573

Ion Ratio Lower Upper

129 100

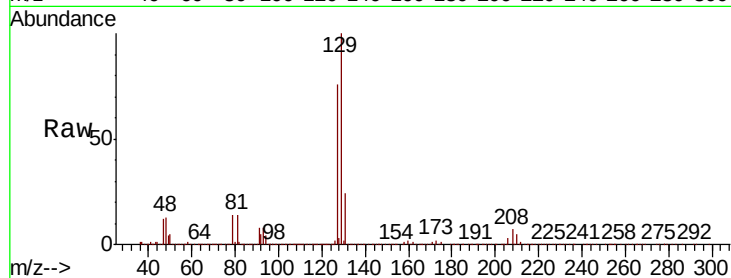
127 76.4 38.4 115.2

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

200000

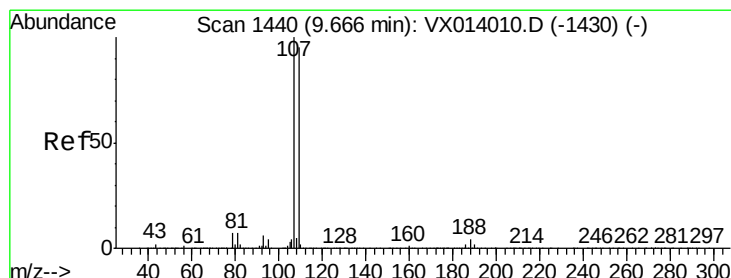
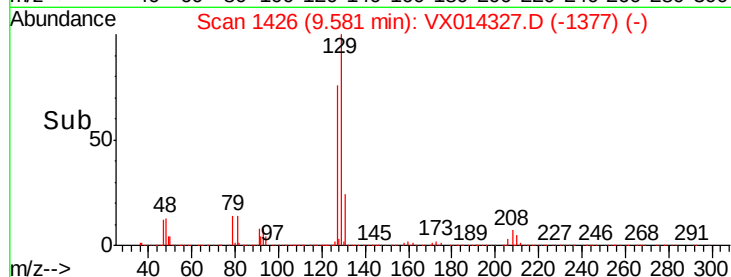
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 51.586 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014327.D

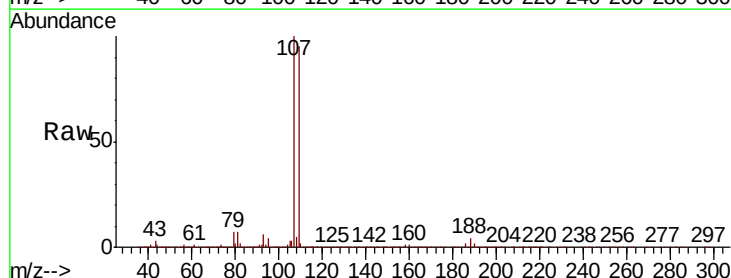
Acq: 27 Dec 2019 22:21

Tgt Ion:107 Resp: 271909

Ion Ratio Lower Upper

107 100

109 93.7 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

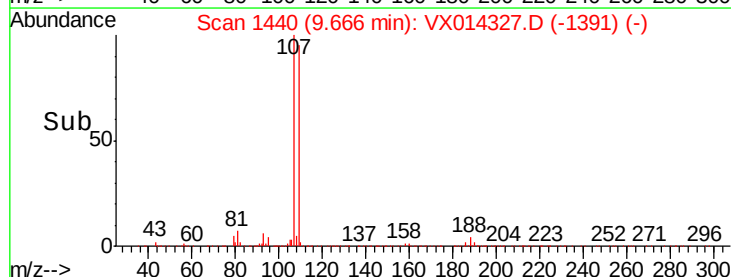
150000

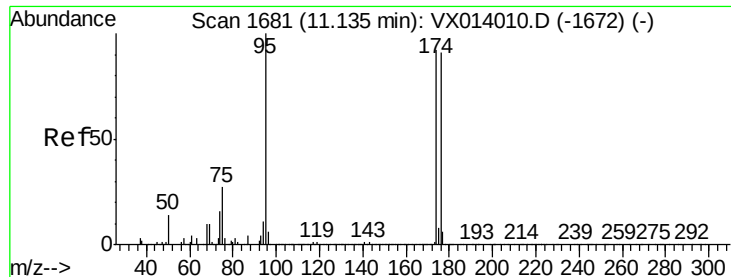
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 48.825 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

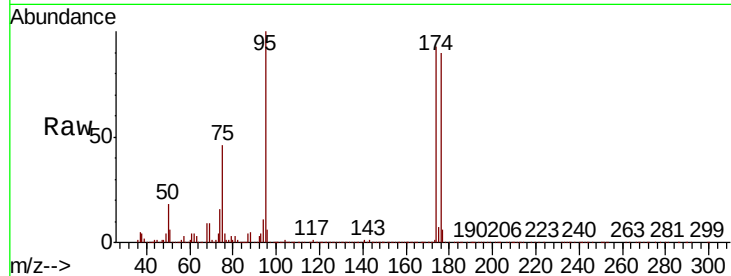
ClientSampleId :

OW-5MSD

Tot Ion:	95	Resp:	304258
Ion Ratio	Lower	Upper	
95	100		
174	88.2	0.0	175.8
176	85.5	0.0	173.0

Manual Integrations
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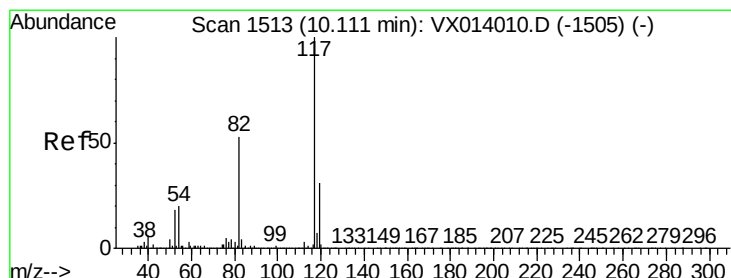
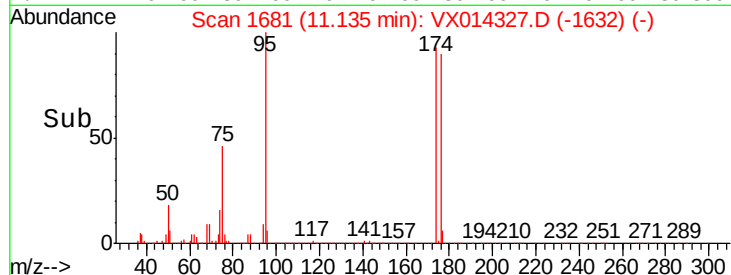
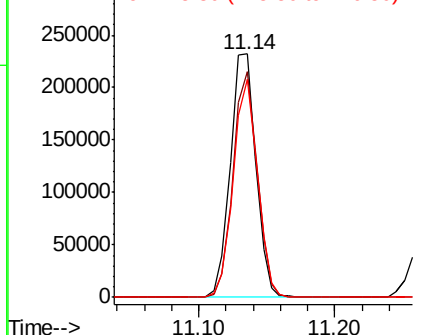


Abundance

Ion 94.90 (94.60 to 95.60): VX014327.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX014327.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX014327.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

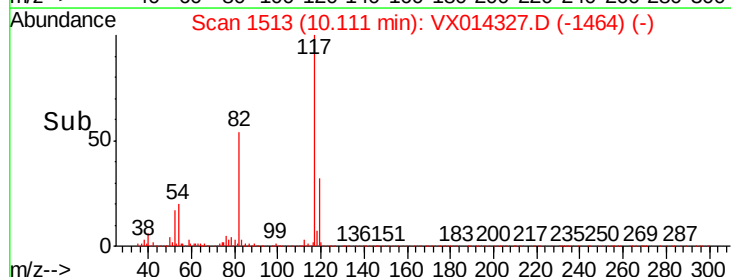
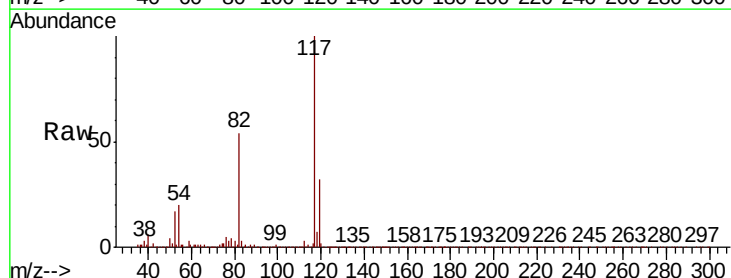
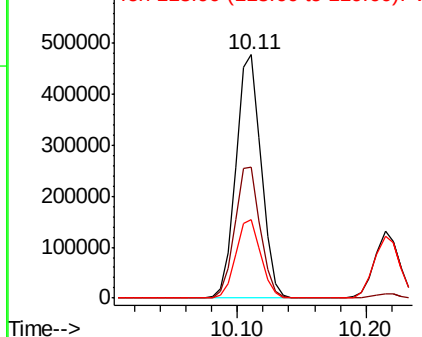
Tgt Ion:	117	Resp:	648812
Ion Ratio	Lower	Upper	
117	100		
82	53.9	42.2	63.4
119	32.0	25.1	37.7

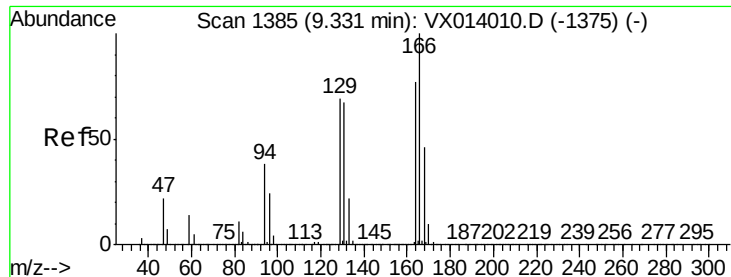
Abundance

Ion 116.90 (116.60 to 117.60): VX014327.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014327.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014327.D (-1464) (-)





#64

Tetrachloroethene

Concen: 43.851 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

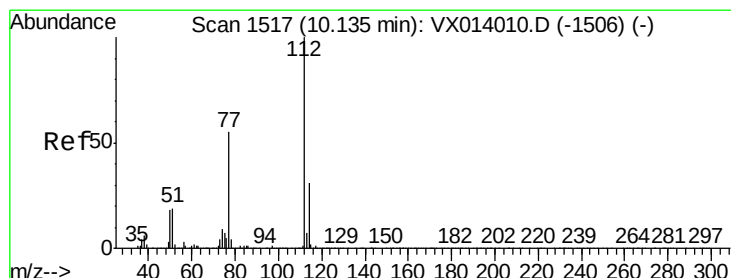
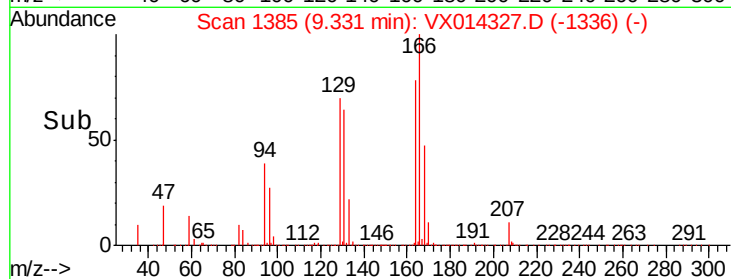
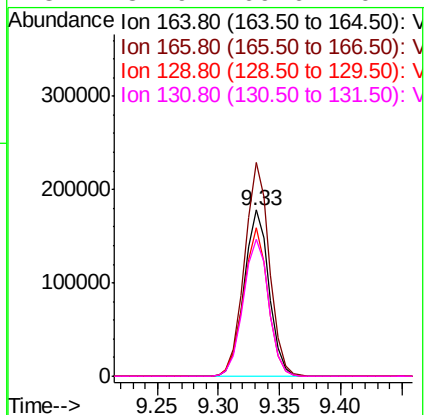
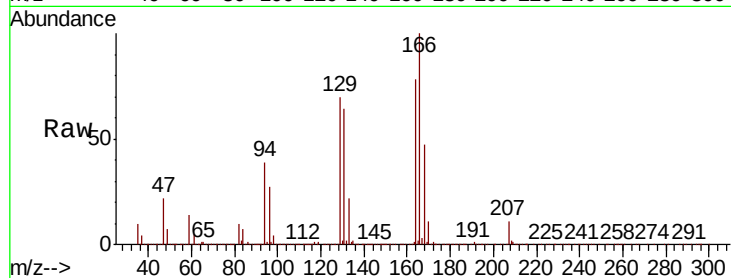
ClientSampleId :

OW-5MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.7	104.0	156.0
129	89.9	72.2	108.4
131	82.9	69.6	104.4

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#65

Chlorobenzene

Concen: 48.901 ug/l

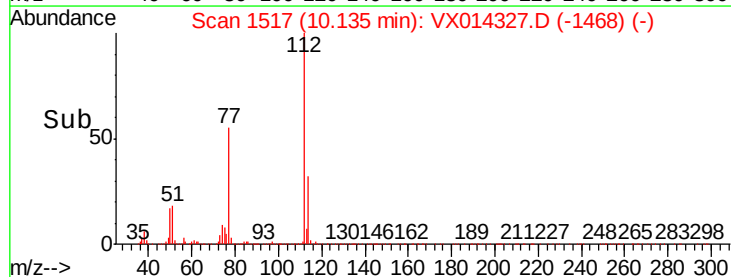
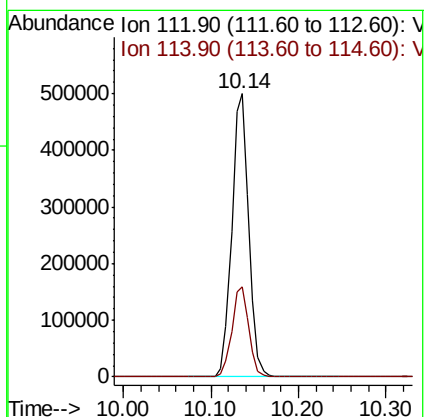
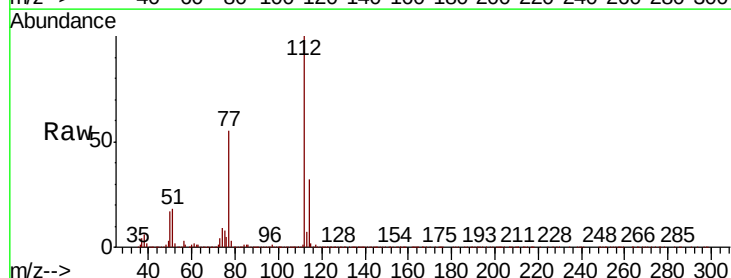
RT: 10.14 min Scan# 1517

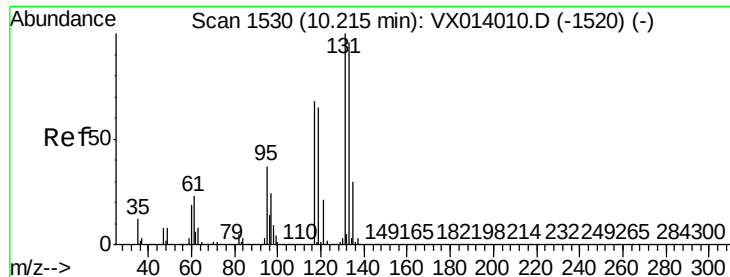
Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	24.9	37.3





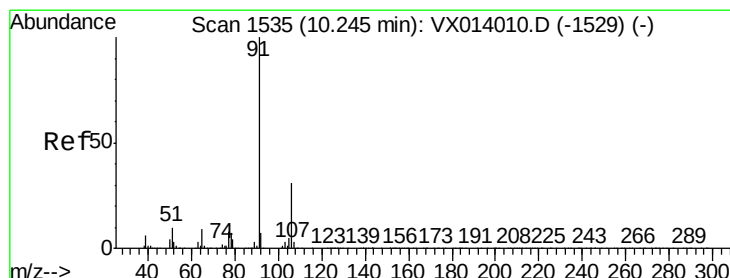
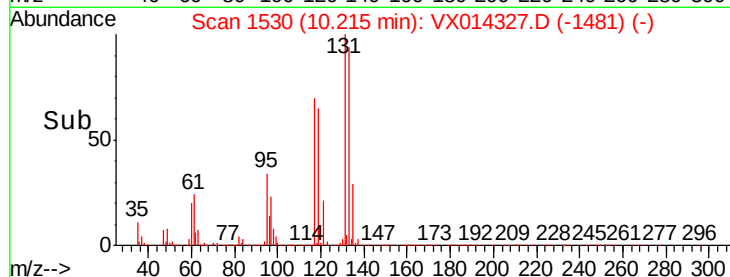
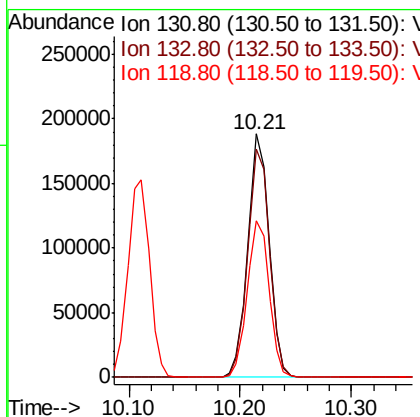
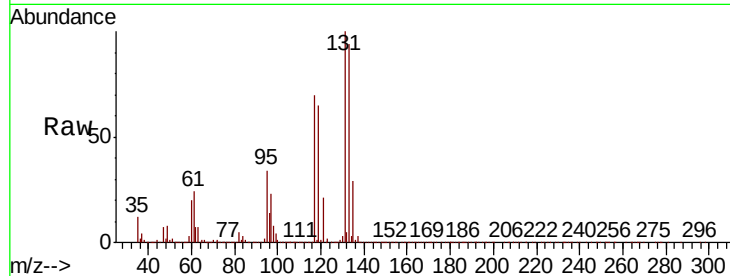
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.114 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	251775		
133	95.7	48.0	144.0	
119	65.9	33.4	100.2	

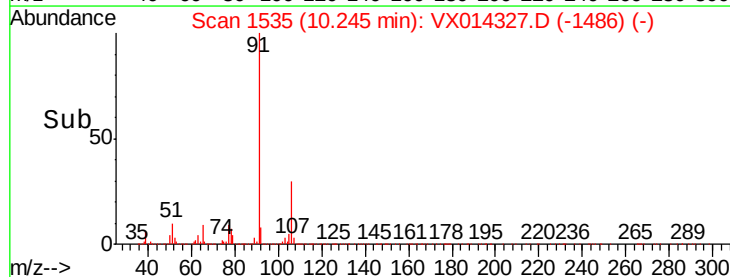
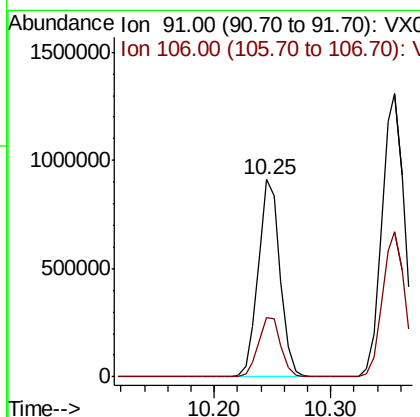
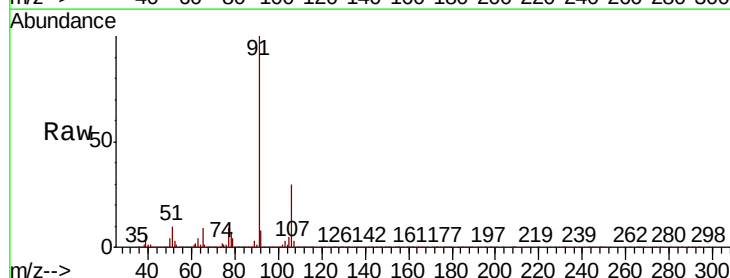
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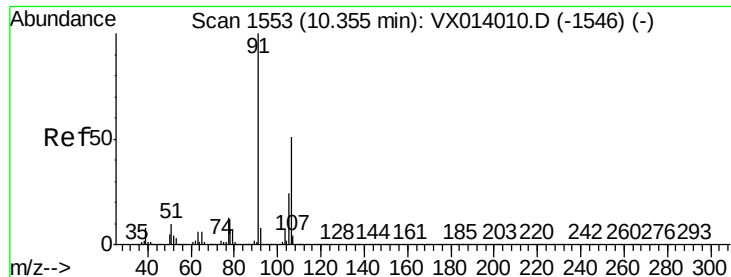
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#67
 Ethyl Benzene
 Concen: 49.993 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1185710		
106	30.4	25.0	37.6	





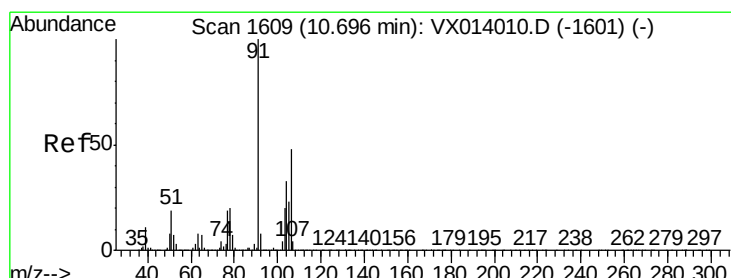
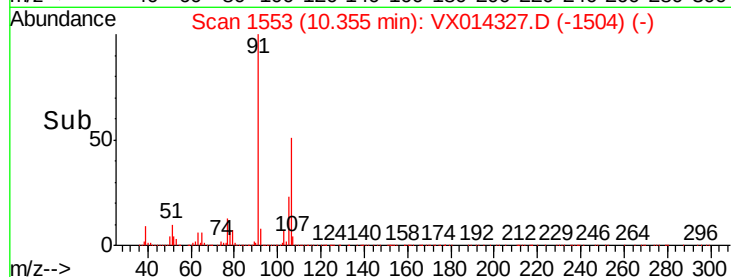
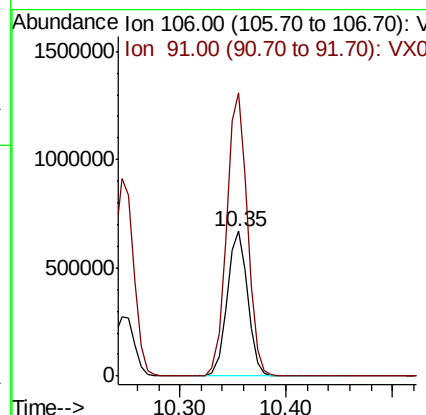
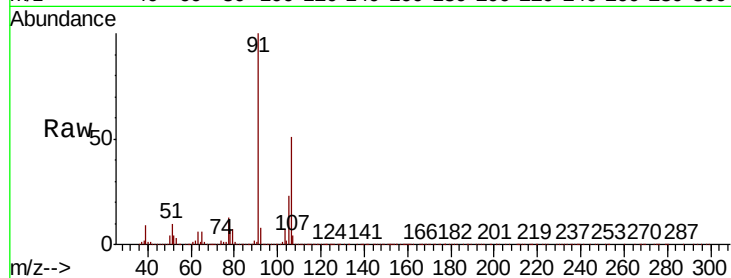
#68
m/p-Xylenes
Concen: 98.432 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.8	158.6	238.0

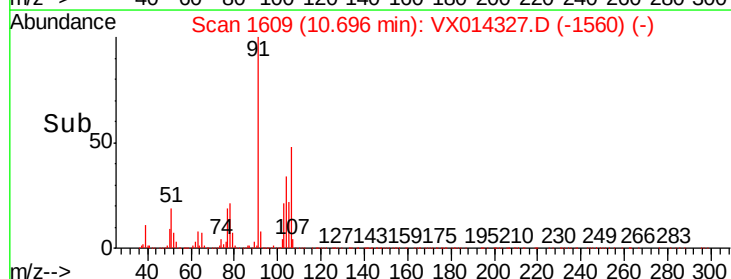
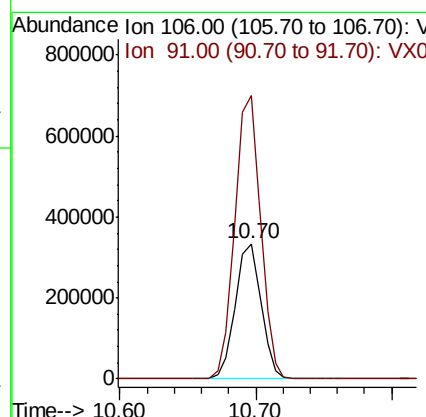
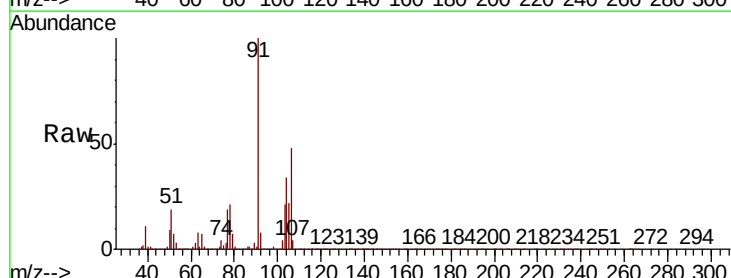
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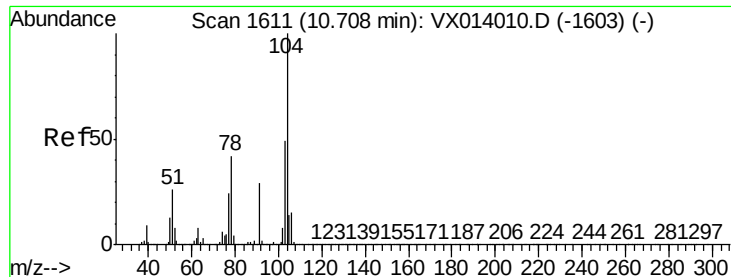
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#69
o-Xylene
Concen: 49.456 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.0	104.2	312.6





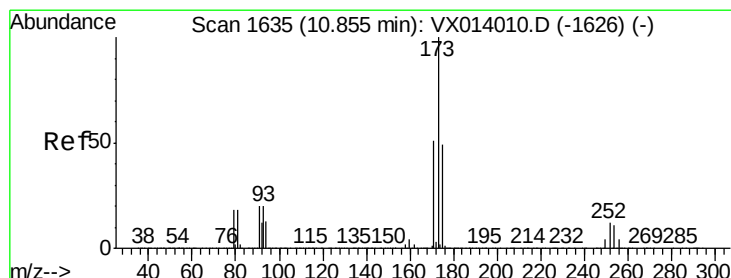
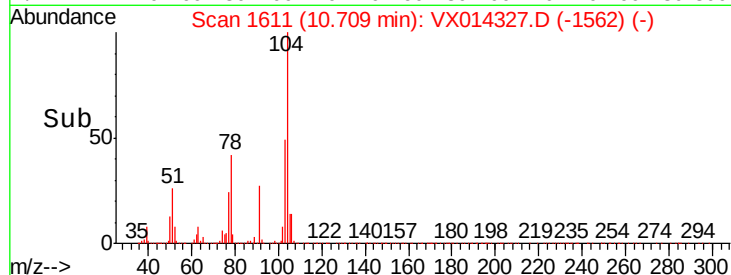
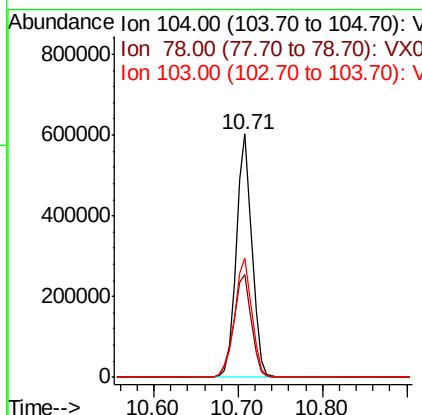
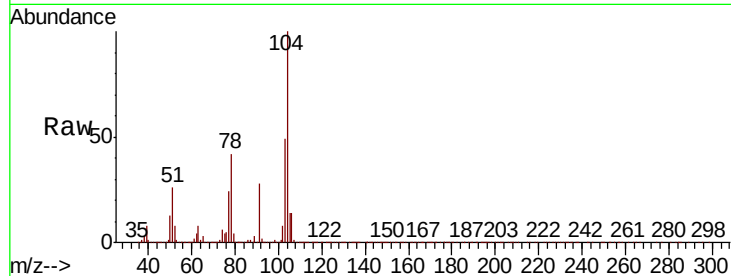
#70
Stvrene
Concen: 49.706 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	751970		
78	48.4		38.5	57.7
103	54.2		42.9	64.3

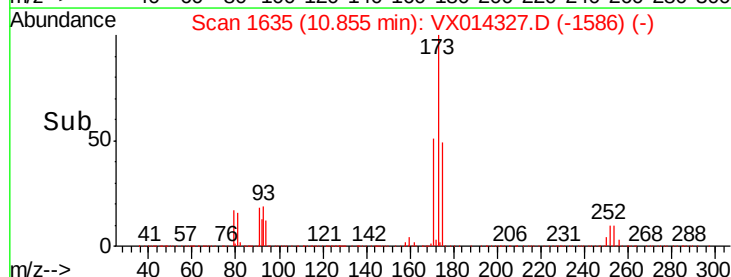
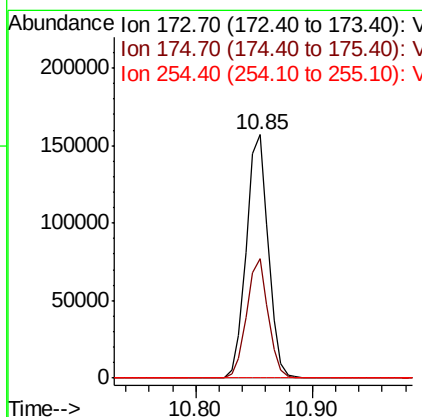
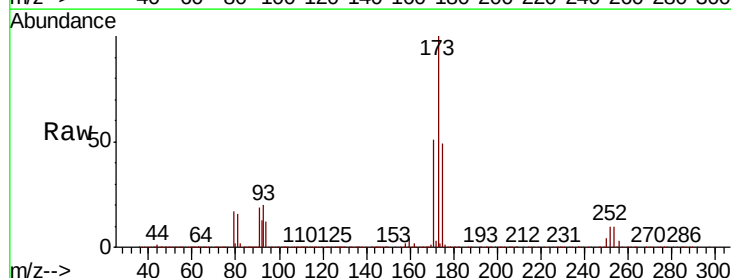
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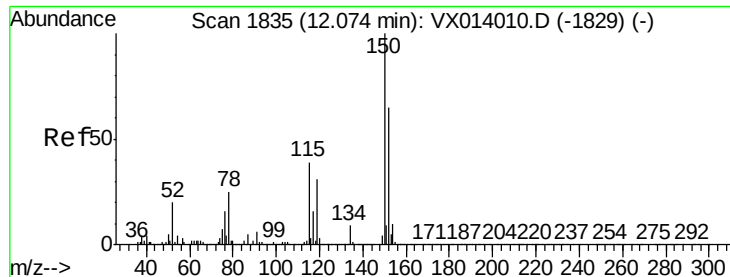
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#71
Bromoform
Concen: 52.358 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	207308		
175	48.3		24.4	73.4
254	0.2		0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

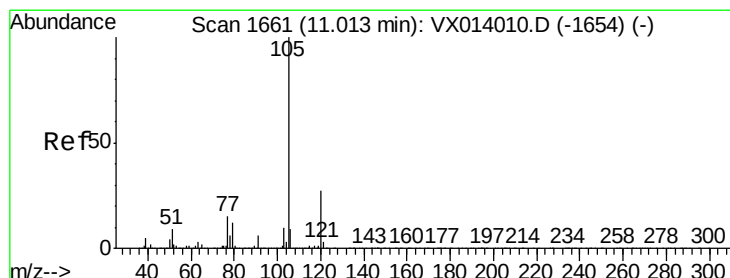
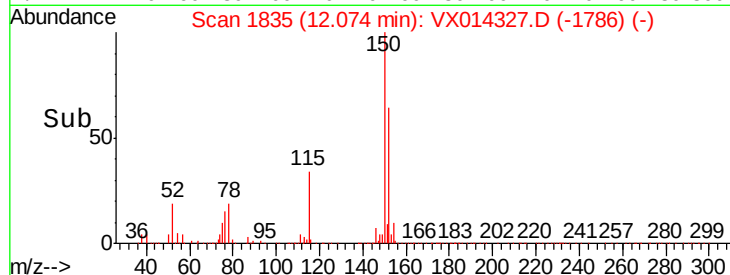
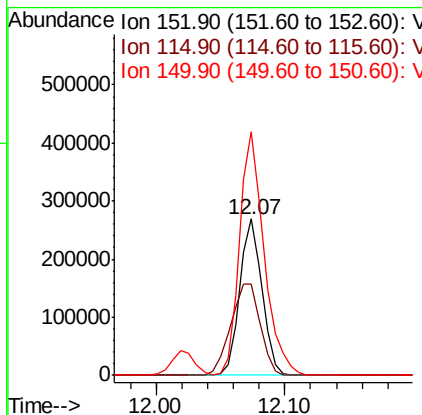
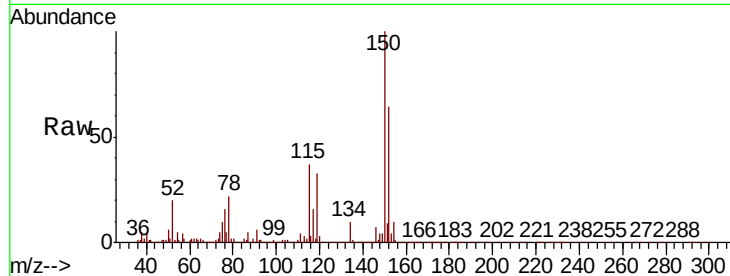
ClientSampleId :

OW-5MSD

Tot Ion:	152	Resp:	321263
Ion Ratio	Lower	Upper	
152	100		
115	78.0	38.3	114.9
150	171.7	0.0	345.4

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#73

Isopropylbenzene

Concen: 50.853 ug/l

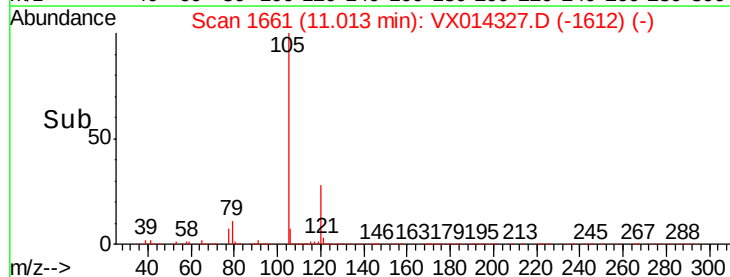
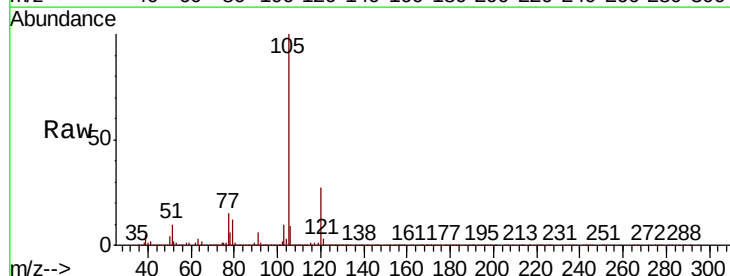
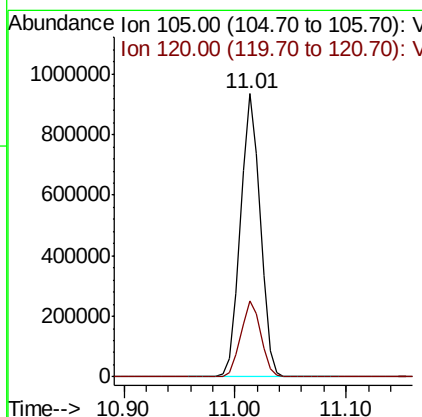
RT: 11.01 min Scan# 1661

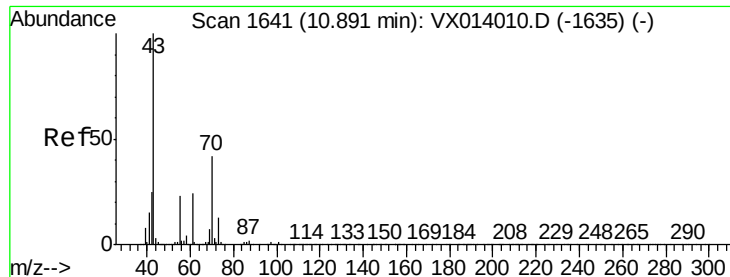
Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion:	105	Resp:	1150263
Ion Ratio	Lower	Upper	
105	100		
120	27.0	13.5	40.4





#74

N-amvl acetate

Concen: 49.835 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

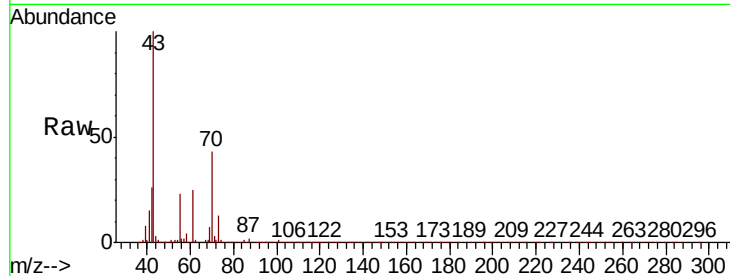
ClientSampleId :

OW-5MSD

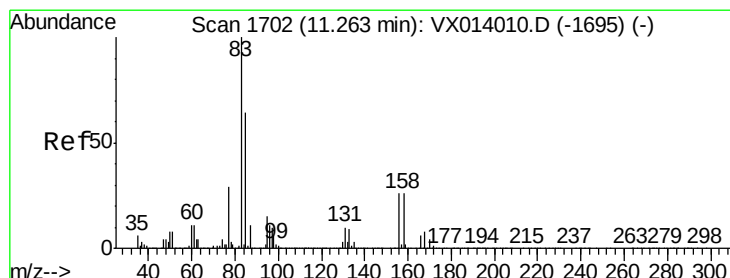
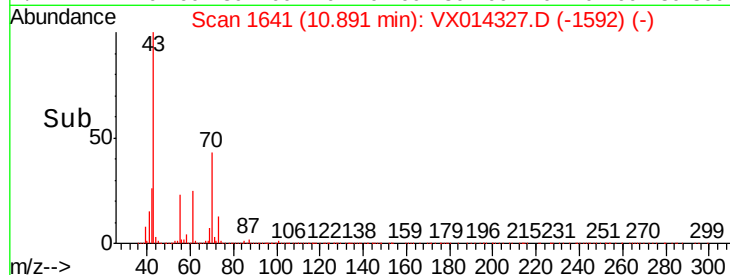
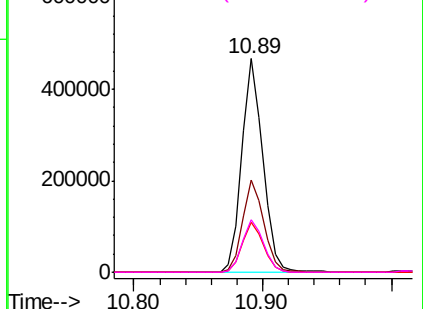
Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		528379		
70	43.4	34.4	51.6		
55	24.0	19.1	28.7		
61	24.9	19.7	29.5		

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 53.062 ug/l

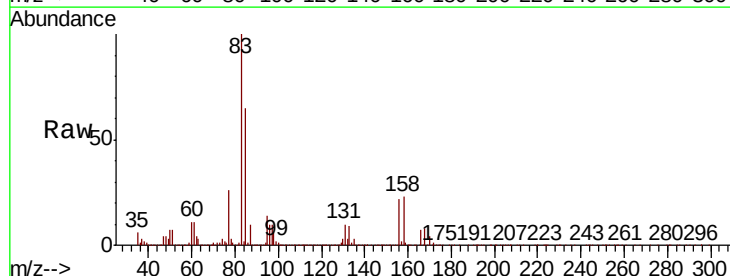
RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

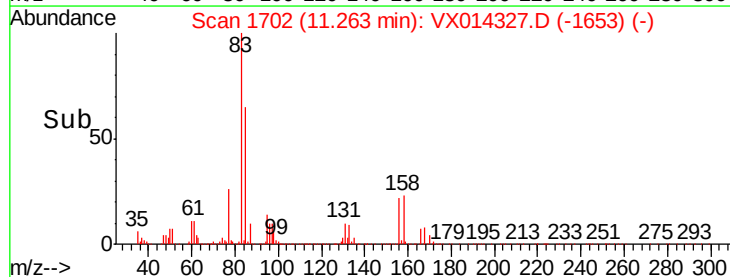
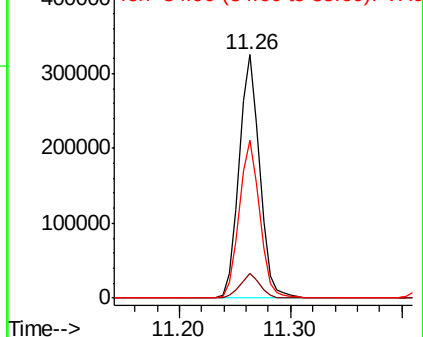
Lab File: VX014327.D

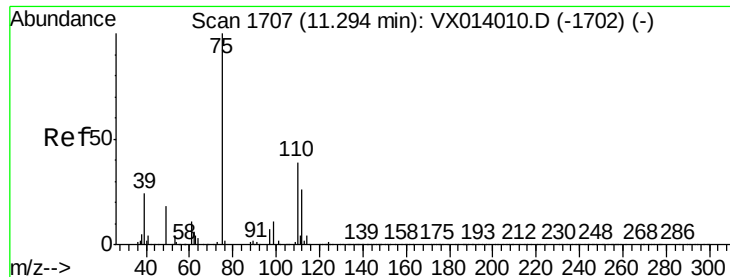
Acq: 27 Dec 2019 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		416113		
131	10.0	5.1	15.2		
85	64.7	31.9	95.7		



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 47.647 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tot Ion: 75 Resp: 332318

Ion Ratio Lower Upper

75 100

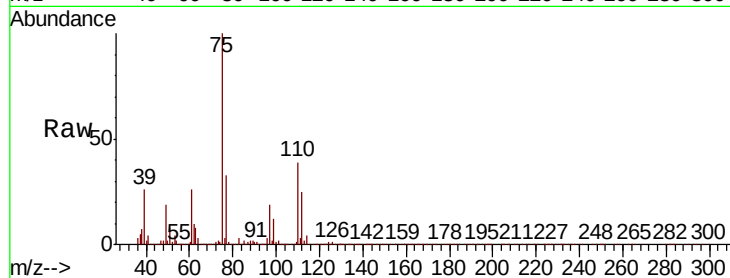
77 43.3 19.3 57.8

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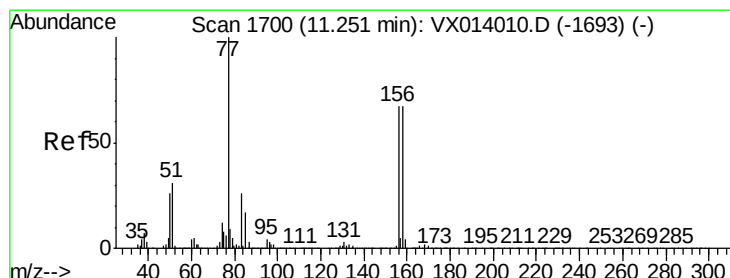
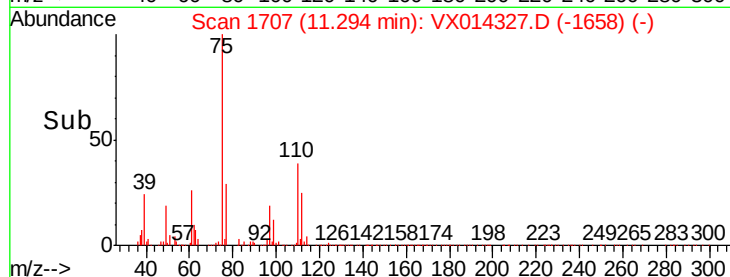
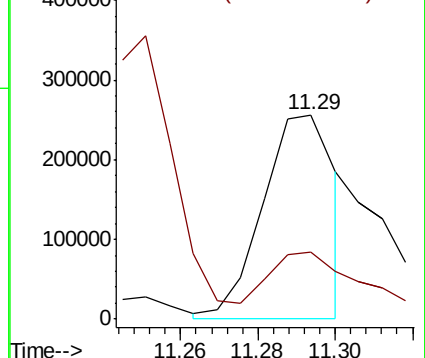
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Abundance Ion 74.90 (74.60 to 75.60): VX014010.D (-1702) (-)

Ion 77.00 (76.70 to 77.70): VX014010.D (-1702) (-)



#77

Bromobenzene

Concen: 48.534 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

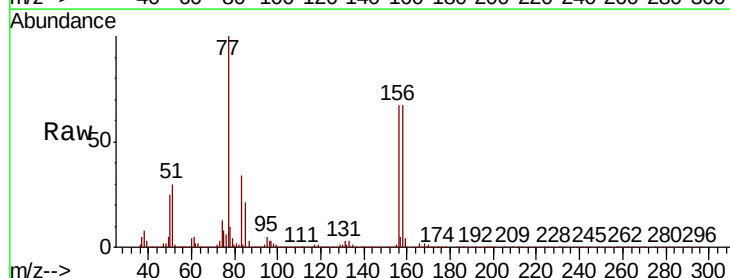
Tgt Ion: 156 Resp: 302047

Ion Ratio Lower Upper

156 100

77 153.7 76.5 229.5

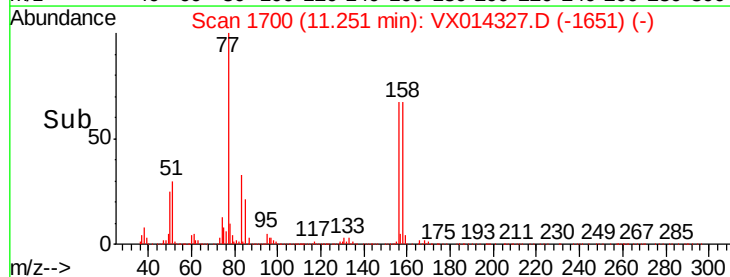
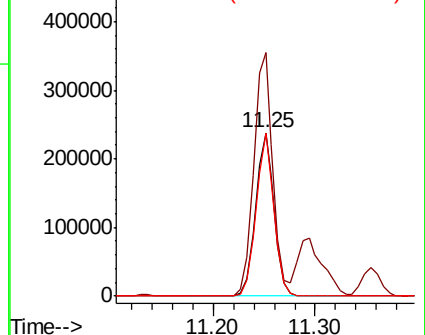
158 96.7 49.3 147.9

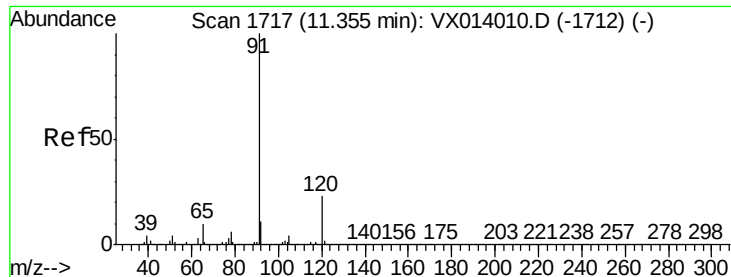


Abundance Ion 155.80 (155.50 to 156.50): VX014010.D (-1693) (-)

Ion 77.00 (76.70 to 77.70): VX014010.D (-1693) (-)

Ion 157.80 (157.50 to 158.50): VX014010.D (-1693) (-)





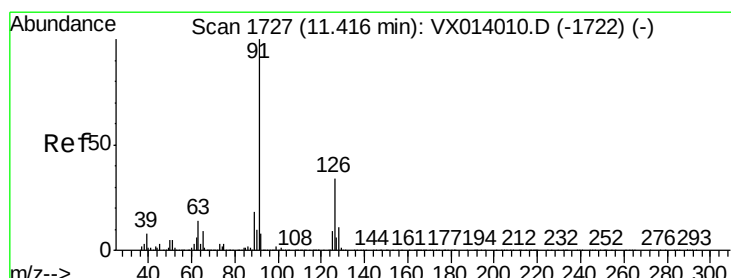
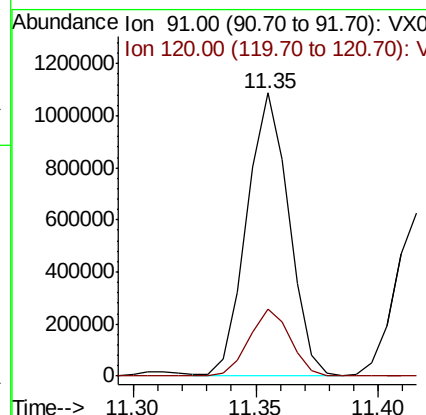
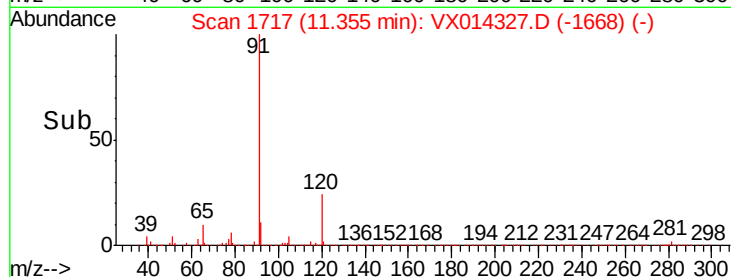
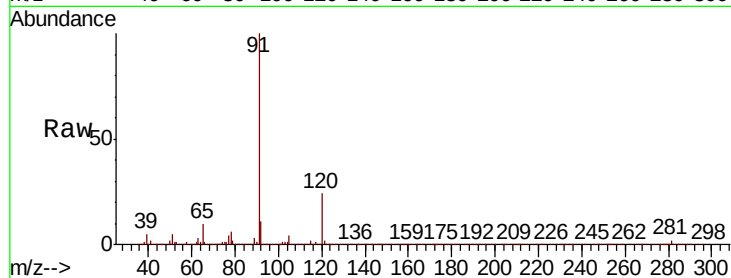
#78
n-propylbenzene
Concen: 51.090 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion: 91 Resp: 1296232
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.0

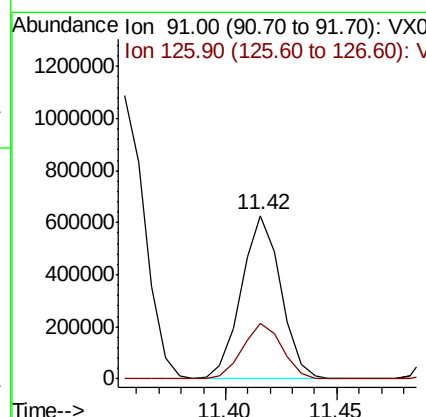
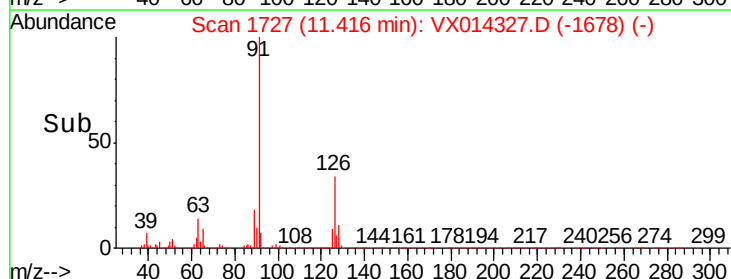
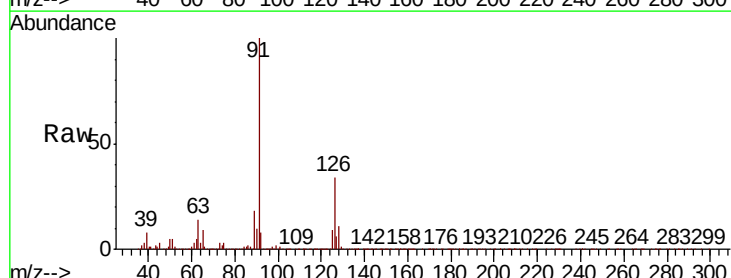
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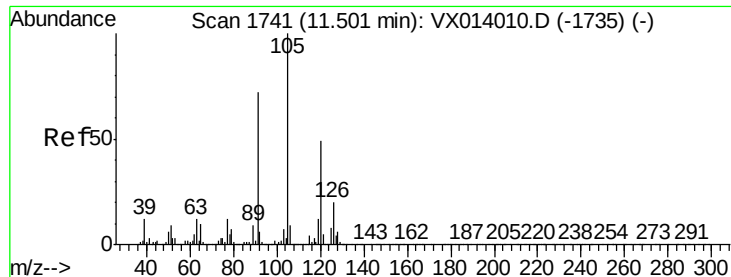
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#79
2-Chlorotoluene
Concen: 50.122 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion: 91 Resp: 773025
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#80

1,3,5-Trimethylbenzene

Concen: 50.151 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tot Ion:105 Resp: 954697

Ion Ratio Lower Upper

105 100

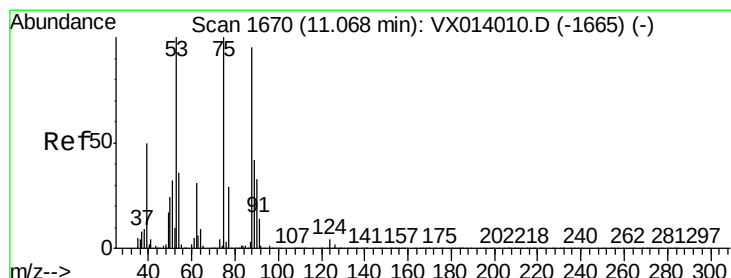
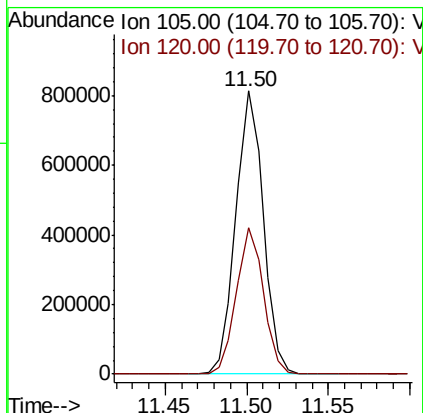
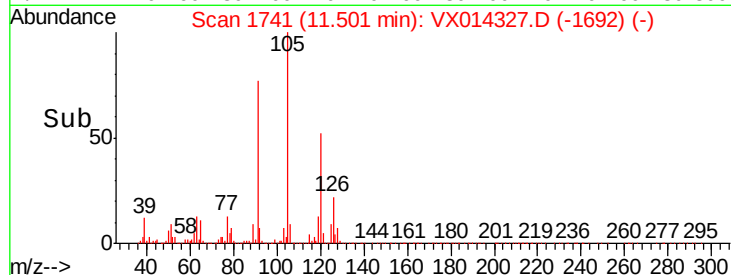
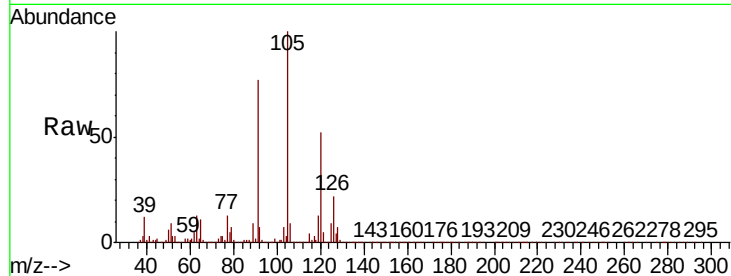
120 51.0 25.3 75.8

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#81

trans-1,4-Dichloro-2-butene

Concen: 52.588 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

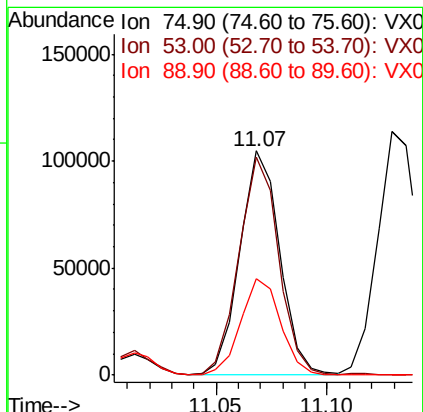
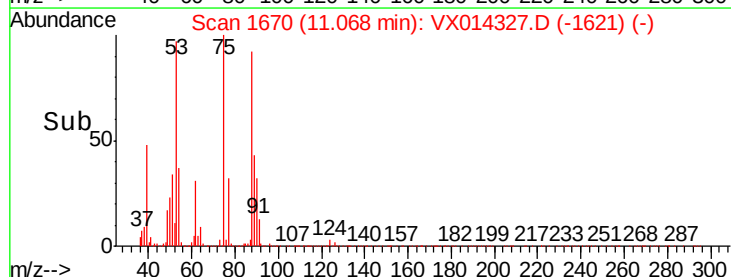
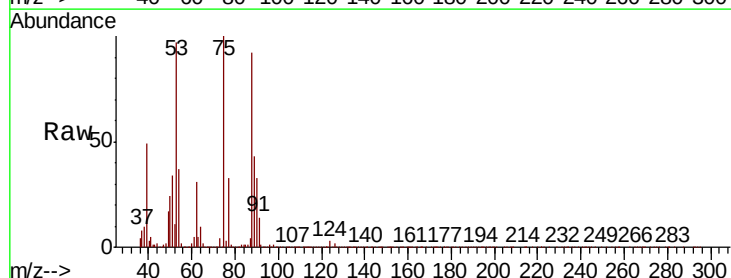
Tgt Ion: 75 Resp: 129947

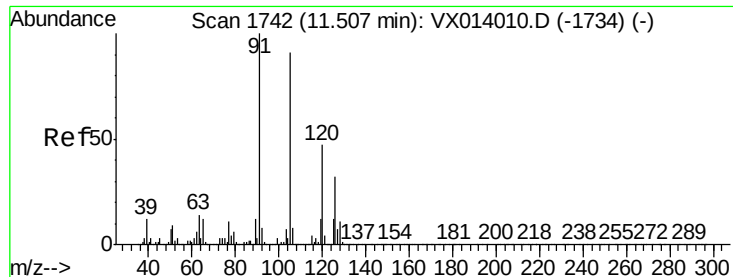
Ion Ratio Lower Upper

75 100

53 97.3 76.7 115.1

89 43.8 34.6 51.8





#82

4-Chlorotoluene

Concen: 49.509 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tot Ion: 91 Resp: 885706

Ion Ratio Lower Upper

91 100

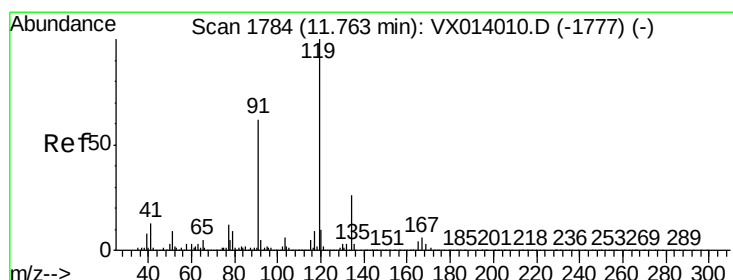
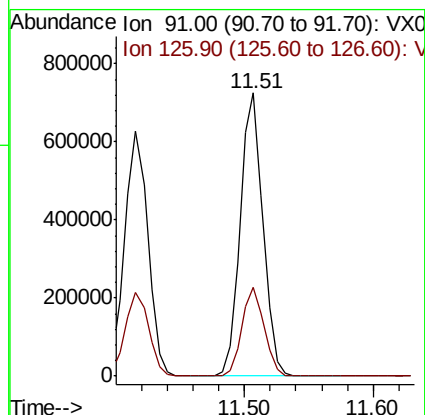
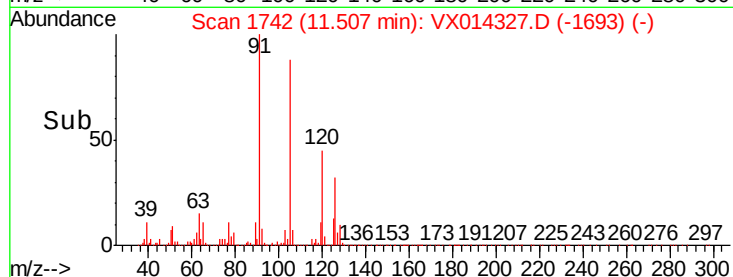
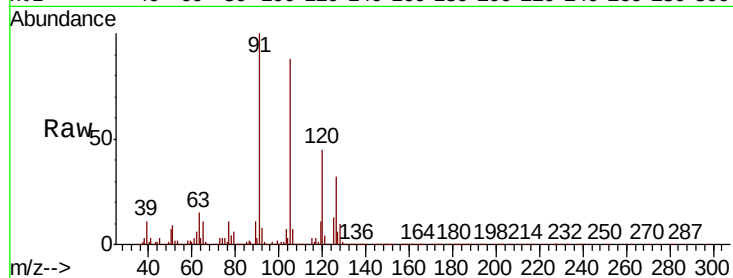
126 30.8 15.6 46.8

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#83

tert-Butylbenzene

Concen: 51.129 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

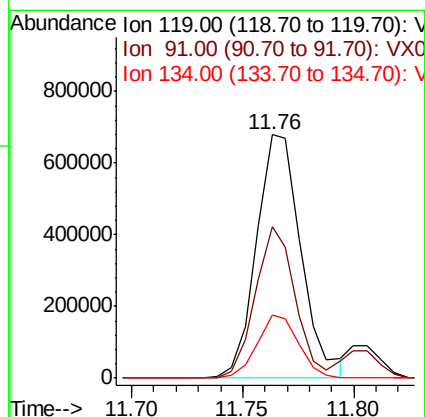
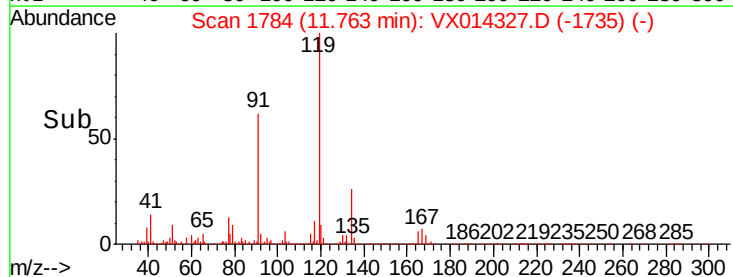
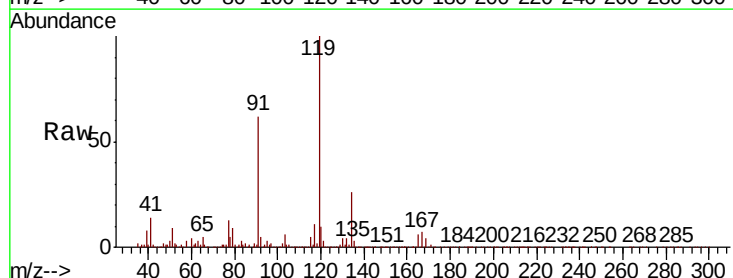
Tgt Ion: 119 Resp: 947204

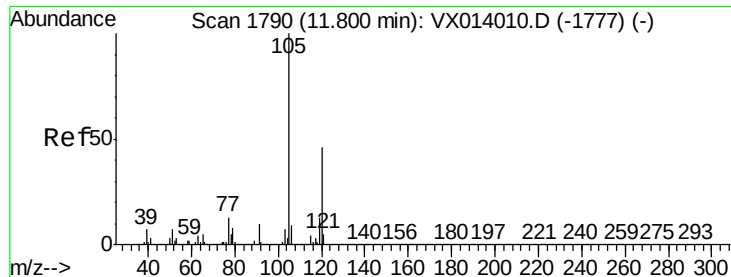
Ion Ratio Lower Upper

119 100

91 55.5 28.5 85.6

134 24.0 12.2 36.6





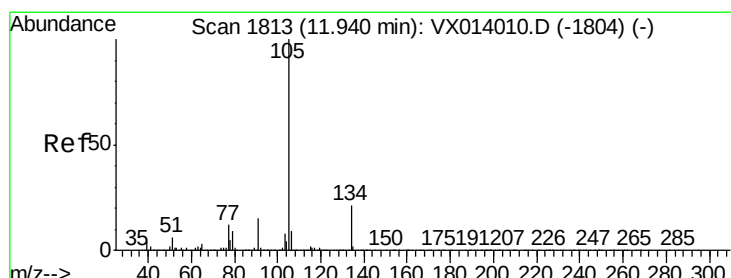
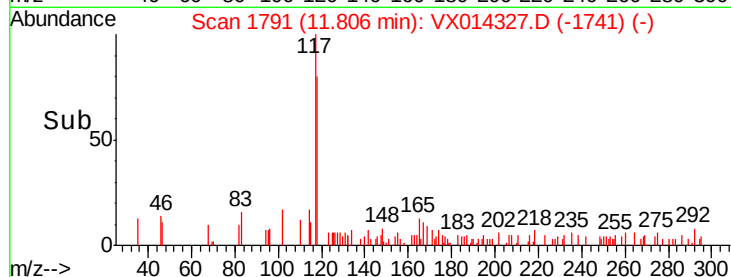
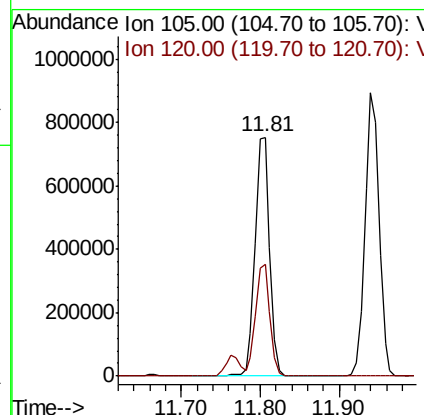
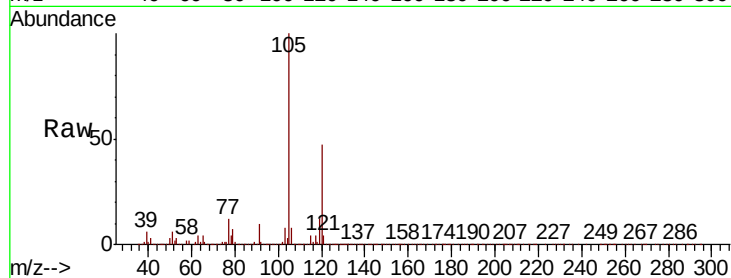
#84
 1,2,4-Trimethylbenzene
 Concen: 50.705 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2

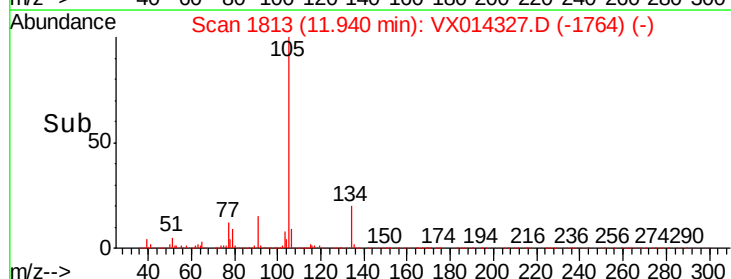
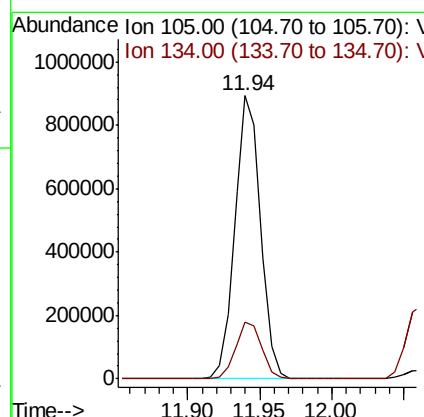
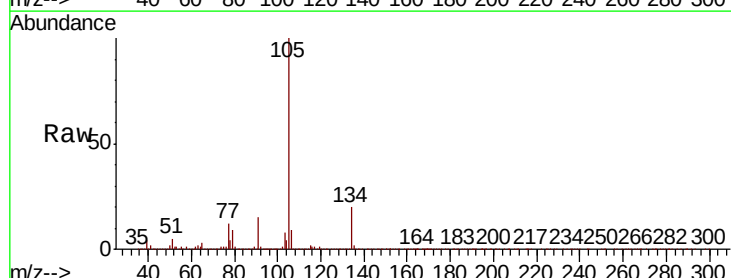
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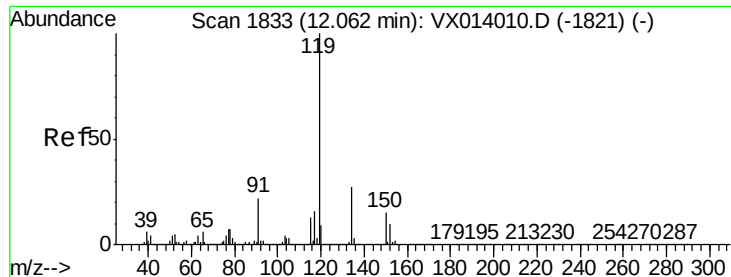
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#85
 sec-Butylbenzene
 Concen: 50.847 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.4	31.1





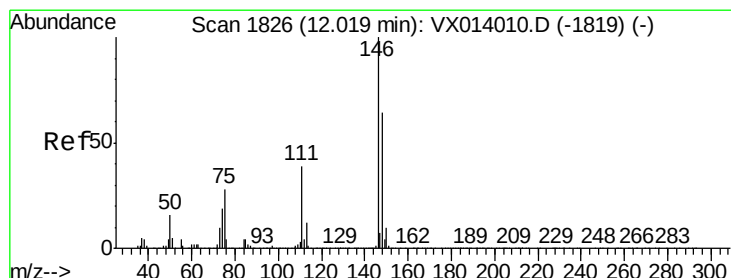
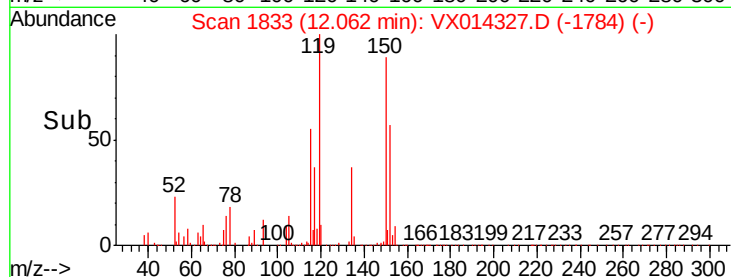
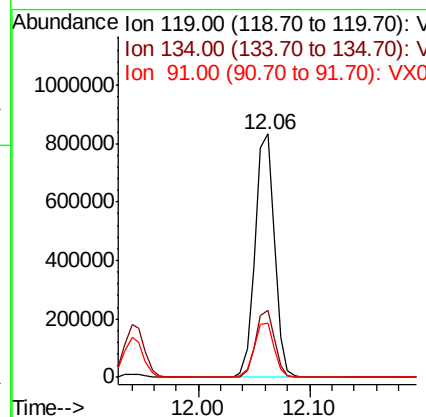
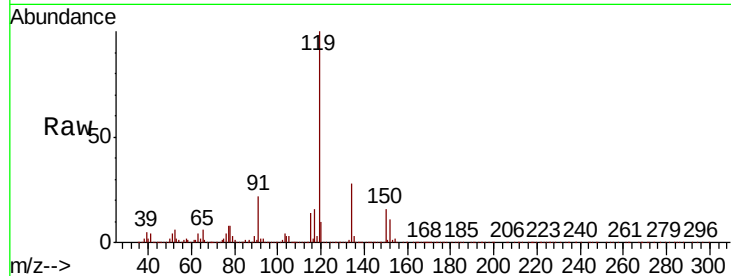
#86
p-Isopropyltoluene
Concen: 50.533 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.1
91	22.5	11.4	34.1

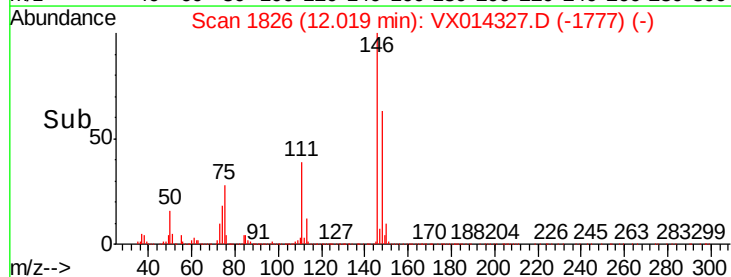
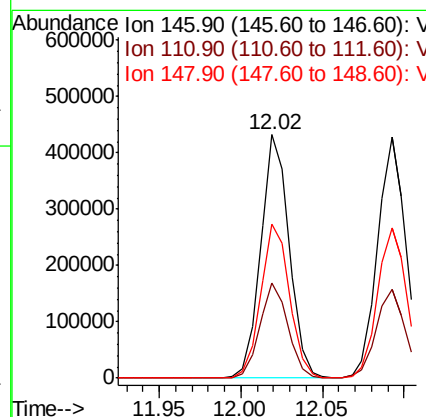
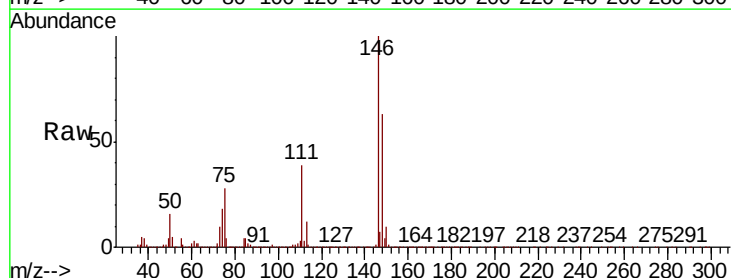
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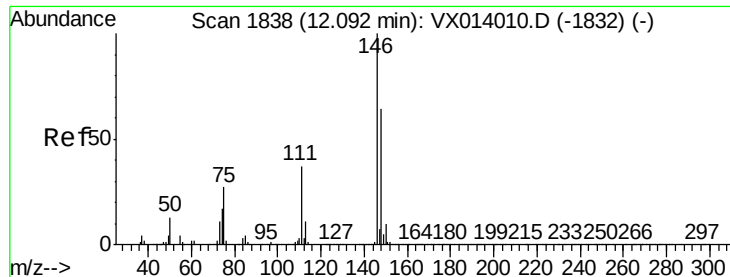
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#87
1,3-Dichlorobenzene
Concen: 47.930 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	64.1	32.3	96.9





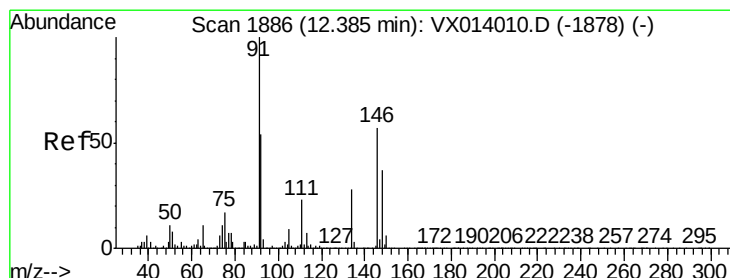
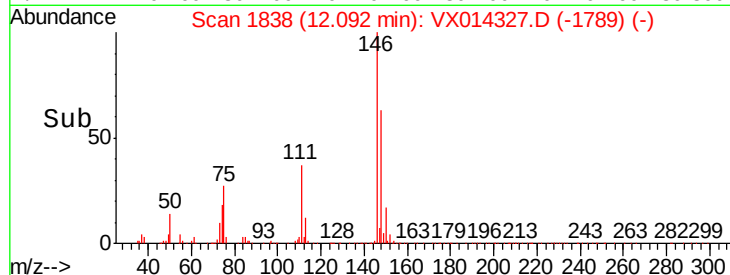
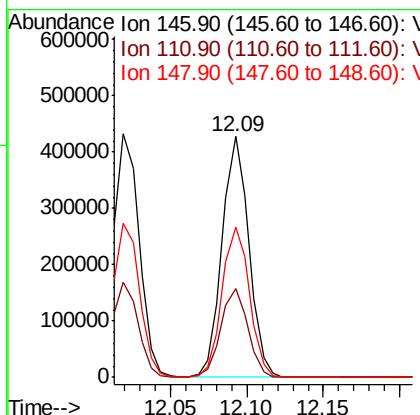
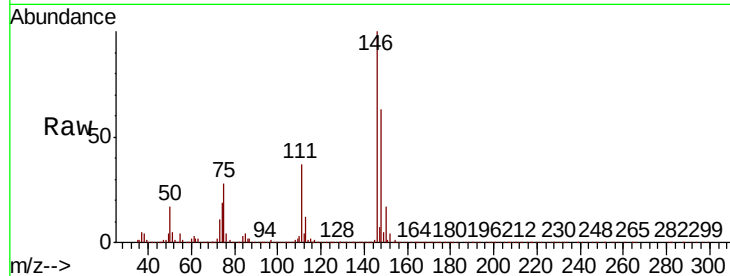
#88
 1,4-Dichlorobenzene
 Concen: 46.734 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Tot Ion:	146	Resp:	518307
Ion Ratio		Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.2	31.9	95.9

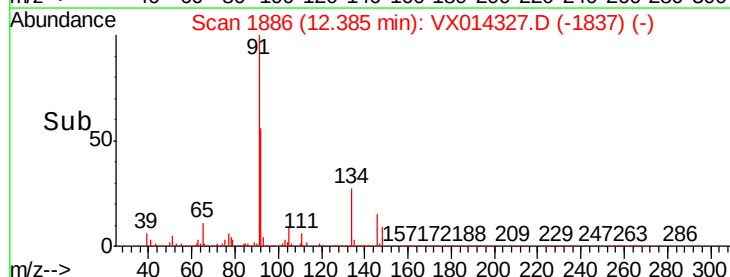
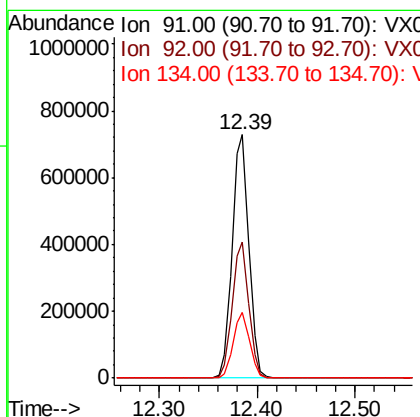
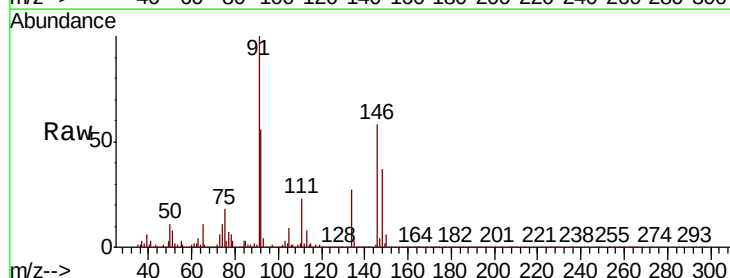
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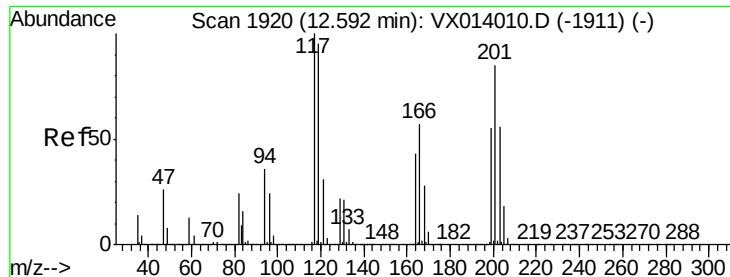
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#89
 n-Butylbenzene
 Concen: 50.321 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion:	91	Resp:	858982
Ion Ratio		Lower	Upper
91	100		
92	55.2	27.2	81.6
134	26.7	13.4	40.1





#90

Hexachloroethane

Concen: 50.430 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tot Ion:117 Resp: 181212

Ion Ratio Lower Upper

117 100

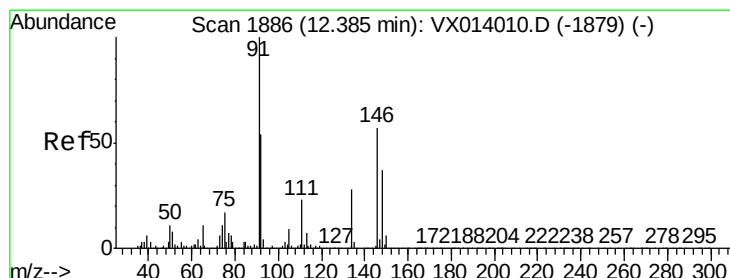
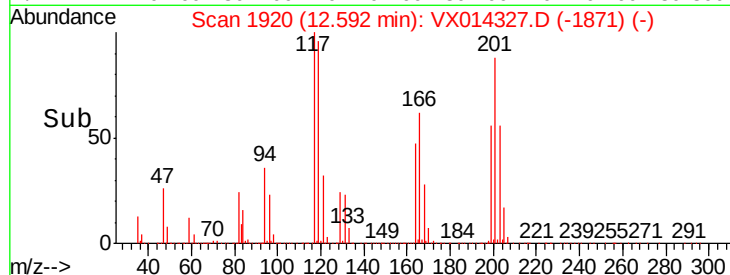
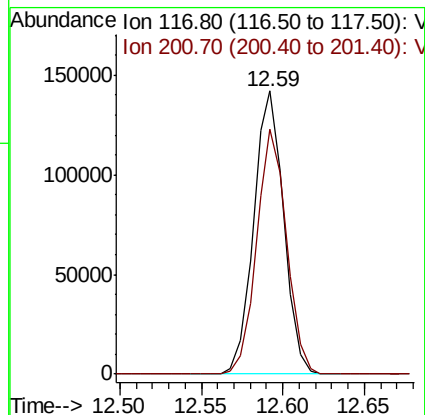
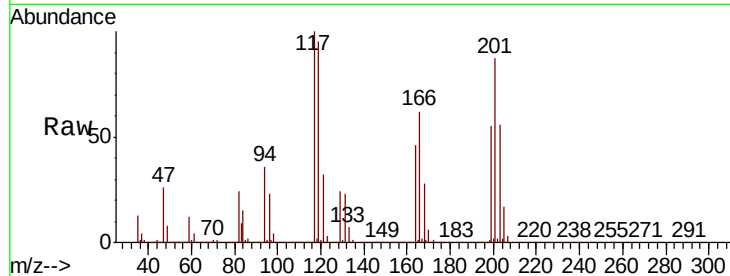
201 86.7 43.1 129.3

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#91

1,2-Dichlorobenzene

Concen: 48.018 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

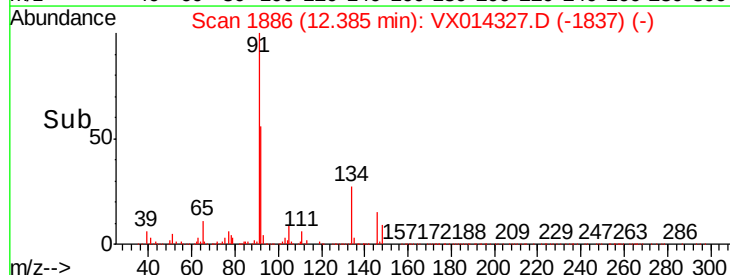
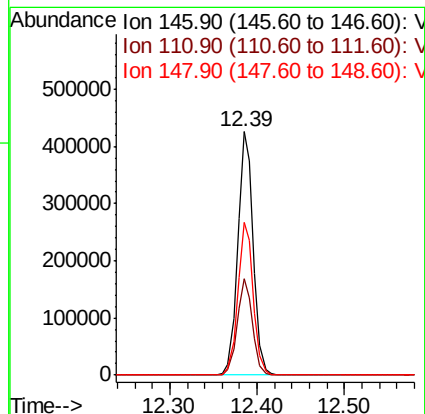
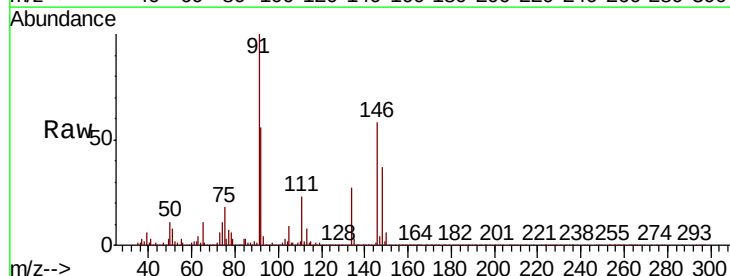
Tgt Ion:146 Resp: 527237

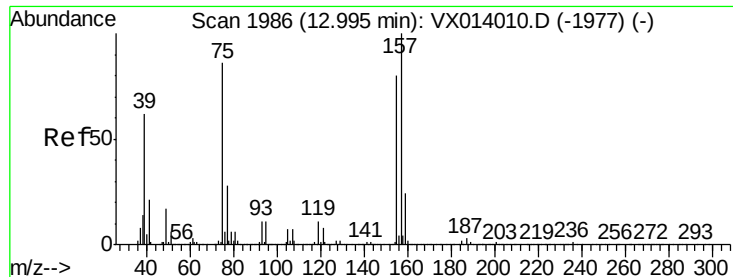
Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.1

148 62.5 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.292 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

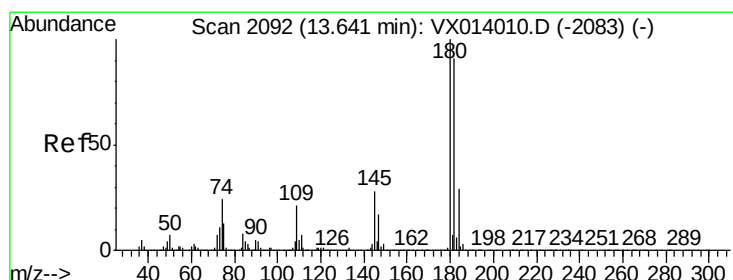
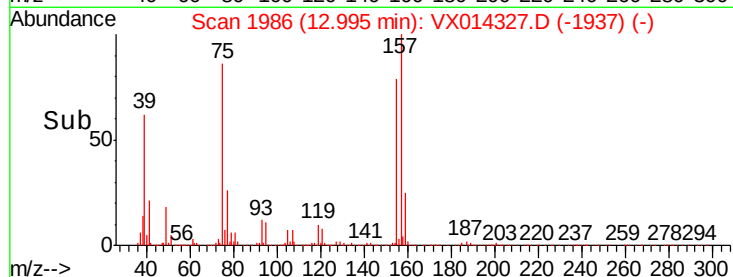
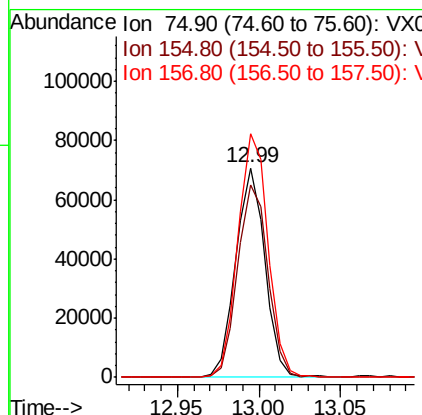
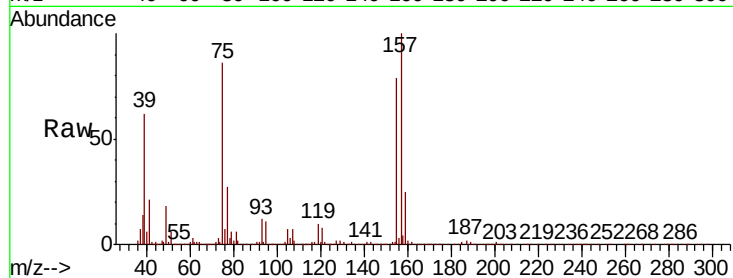
ClientSampleId :

OW-5MSD

Tot Ion:	75	Resp:	87275
Ion	Ratio	Lower	Upper
75	100		
155	96.0	46.9	140.6
157	121.5	60.8	182.4

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#93

1,2,4-Trichlorobenzene

Concen: 47.928 ug/l

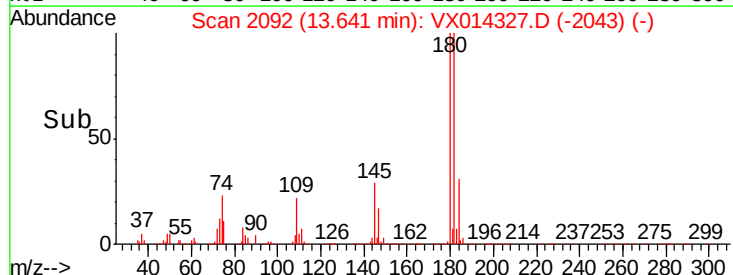
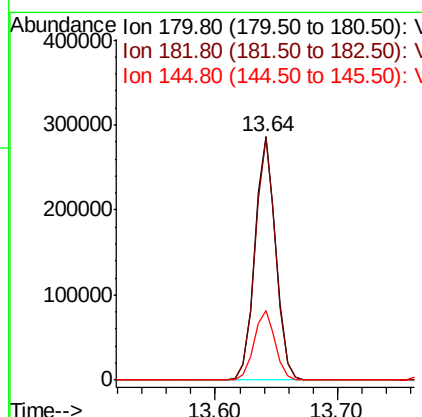
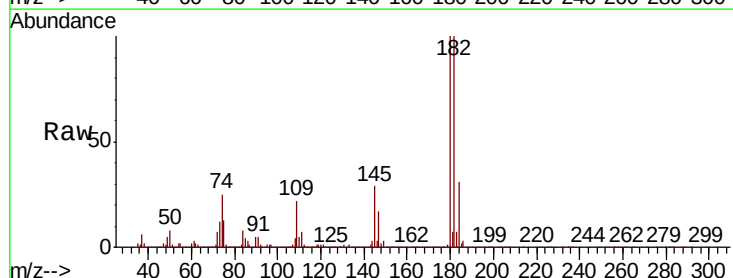
RT: 13.64 min Scan# 2092

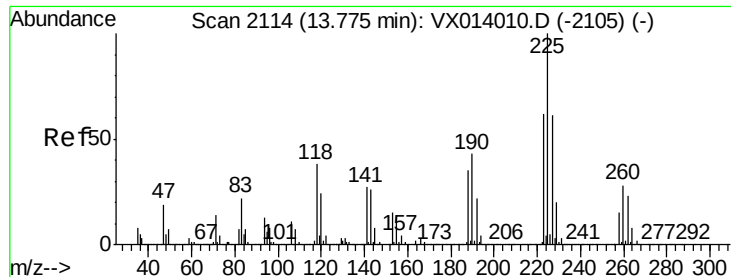
Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion:	180	Resp:	342033
Ion	Ratio	Lower	Upper
180	100		
182	98.0	46.6	139.8
145	28.9	14.2	42.6





#94

Hexachlorobutadiene

Concen: 48.730 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

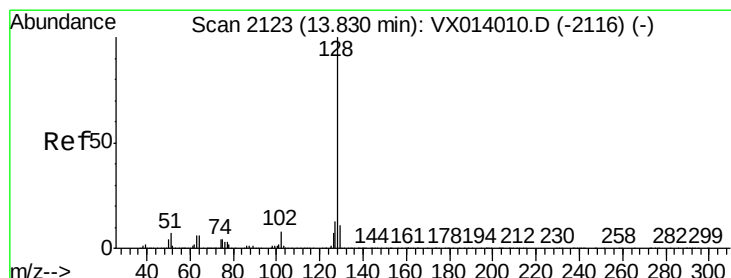
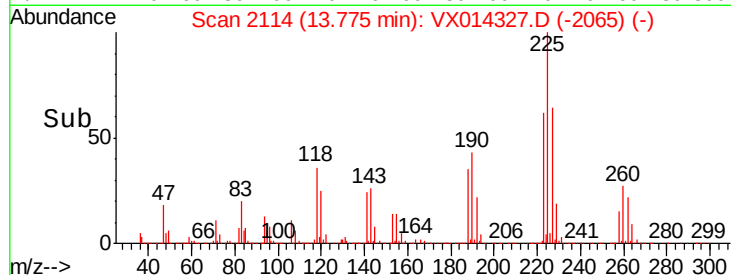
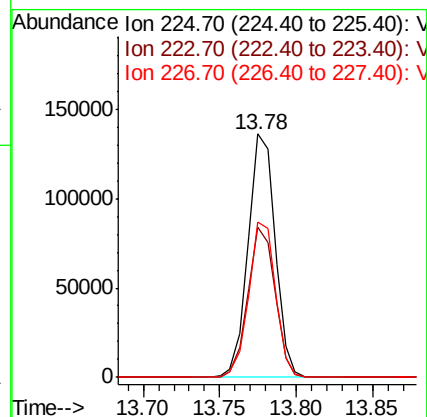
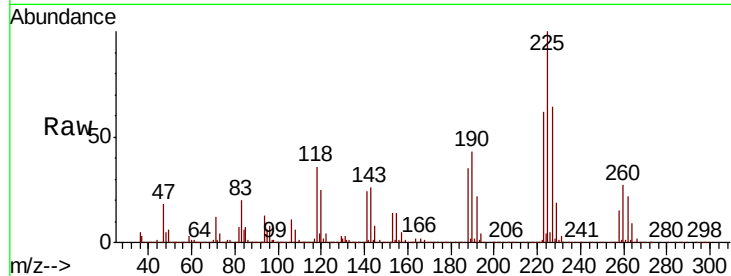
ClientSampleId :

OW-5MSD

Tot Ion:	225	Resp:	167131
Ion Ratio		Lower	Upper
225	100		
223	62.3	30.9	92.5
227	63.3	30.9	92.7

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#95

Naphthalene

Concen: 53.924 ug/l

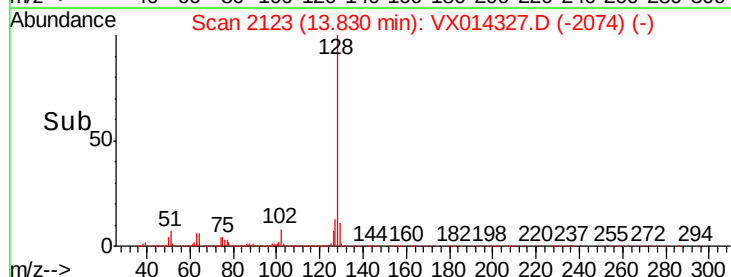
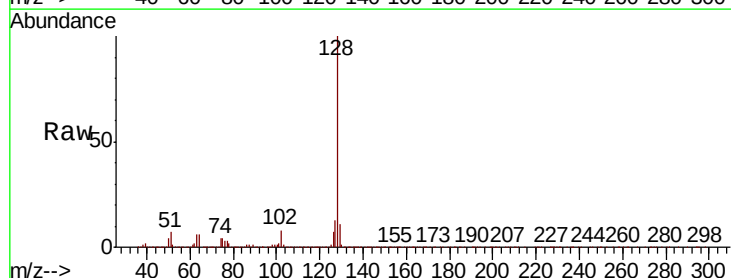
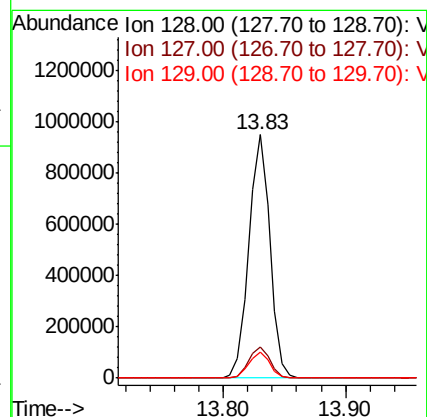
RT: 13.83 min Scan# 2123

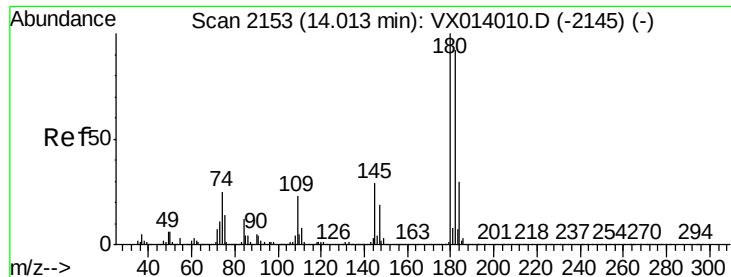
Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion:	128	Resp:	1130626
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 50.901 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Tot Ion:	180	Resp:	358581
Ion Ratio	Lower	Upper	
180	100		
182	94.1	46.8	140.3
145	29.8	14.8	44.4

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:04:20 AM

