

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014332.D
 Acq On : 28 Dec 2019 01:27
 Operator : JC/SP
 Sample : VX1227WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

Manual Integrations
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 12/30/2019 11:04:43 AM

Quant Time: Dec 30 06:54:15 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	466298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	742425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	668656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	271685	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.49	113	219400	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	858363	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.13	95	303395	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	69060	16.555	ug/l	98
3) Chloromethane	1.32	50	101420	18.116	ug/l	99
4) Vinyl Chloride	1.40	62	106622	18.049	ug/l	100
5) Bromomethane	1.63	94	67217	16.032	ug/l	99
6) Chloroethane	1.72	64	72305	19.832	ug/l	95
7) Trichlorofluoromethane	1.92	101	134939	18.453	ug/l	99
8) Diethyl Ether	2.18	74	64335	18.746	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80989	18.373	ug/l	98
10) Methyl Iodide	2.50	142	87290	16.849	ug/l	98
11) Tert butyl alcohol	3.03	59	109350	95.759	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85527	19.068	ug/l	94
13) Acrolein	2.28	56	52192	79.843	ug/l	97
14) Allyl chloride	2.72	41	152657	19.061	ug/l	98
15) Acrylonitrile	3.13	53	278862	104.625	ug/l	100
16) Acetone	2.43	43	309771	90.286	ug/l	97
17) Carbon Disulfide	2.56	76	201987	16.727	ug/l	99
18) Methyl Acetate	2.76	43	148428	21.832	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	291316	19.764	ug/l	96
20) Methylene Chloride	2.85	84	104640	19.367	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	90920	18.399	ug/l	94
22) Diisopropyl ether	3.84	45	324595	20.339	ug/l	92
23) Vinyl Acetate	3.81	43	735128	56.445	ug/l	99
24) 1,1-Dichloroethane	3.69	63	174016	19.598	ug/l	99
25) 2-Butanone	4.66	43	416500	98.463	ug/l	98
26) 2,2-Dichloropropane	4.58	77	102834	14.917	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	109067	19.516	ug/l	96
28) Bromochloromethane	5.01	49	78537	23.244	ug/l	100
29) Tetrahydrofuran	5.11	42	251991	106.507	ug/l	99
30) Chloroform	5.20	83	167890	19.946	ug/l	98
31) Cyclohexane	5.58	56	141784	17.954	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	136643	19.048	ug/l	98
36) 1,1-Dichloropropene	5.79	75	119719	17.574	ug/l	100
37) Ethyl Acetate	4.82	43	146829	19.518	ug/l	99
38) Carbon Tetrachloride	5.78	117	113164	18.235	ug/l	97

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Manual Integrations
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 12/30/2019 11:04:43 AM

Quant Time: Dec 30 06:54:15 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)
39) Methylcyclohexane	7.46	83	139037	16.530	ug/l	99
40) Benzene	6.14	78	389806	18.597	ug/l	100
41) Methacrylonitrile	5.03	41	81149	19.442	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135040	19.006	ug/l	100
43) Isopropyl Acetate	6.43	43	242444	19.474	ug/l	99
44) Trichloroethene	7.20	130	114121	19.712	ug/l	97
45) 1,2-Dichloropropane	7.51	63	104158	19.388	ug/l	92
46) Dibromomethane	7.65	93	65993	18.580	ug/l	99
47) Bromodichloromethane	7.89	83	125425	18.750	ug/l	99
48) Methyl methacrylate	7.76	41	115784	18.993	ug/l	99
49) 1,4-Dioxane	7.73	88	48152	388.140	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	773764	98.966	ug/l	100
52) Toluene	8.78	92	239884	18.107	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	128361	17.500	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148234	18.140	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102547	19.313	ug/l	98
56) Ethyl methacrylate	9.17	69	157302	18.859	ug/l	100
57) 1,3-Dichloropropane	9.37	76	172491	19.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	309260	97.977	ug/l	100
59) 2-Hexanone	9.48	43	606424	96.351	ug/l	99
60) Dibromochloromethane	9.57	129	96544	18.292	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104401	19.217	ug/l	100
64) Tetrachloroethene	9.33	164	151033	25.526	ug/l	96
65) Chlorobenzene	10.14	112	261216	18.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96092	18.929	ug/l	98
67) Ethyl Benzene	10.25	91	450898	18.447	ug/l	100
68) m/p-Xylenes	10.35	106	343012	36.487	ug/l	99
69) o-Xylene	10.70	106	166668	18.077	ug/l	99
70) Styrene	10.71	104	277365	17.790	ug/l	99
71) Bromoform	10.85	173	72499	17.767	ug/l #	99
73) Isopropylbenzene	11.01	105	447234	19.829	ug/l	99
74) N-amyl acetate	10.89	43	199344	18.855	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132231	16.910	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	128266m	18.443	ug/l	
77) Bromobenzene	11.25	156	116954	18.846	ug/l	98
78) n-propylbenzene	11.35	91	487958	19.287	ug/l	99
79) 2-Chlorotoluene	11.42	91	296291	19.266	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	362173	19.079	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41200	16.721	ug/l	94
82) 4-Chlorotoluene	11.51	91	336073	18.839	ug/l	99
83) tert-Butylbenzene	11.76	119	306844	16.610	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	361821	19.033	ug/l	100
85) sec-Butylbenzene	11.94	105	413285	18.951	ug/l	100
86) p-Isopropyltoluene	12.06	119	376540	18.876	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	198859	18.284	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	198156	17.918	ug/l	99
89) n-Butylbenzene	12.39	91	307699	18.077	ug/l	99
90) Hexachloroethane	12.59	117	62439	17.426	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	202425	18.489	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32294	18.662	ug/l	95

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ClientSampleId :
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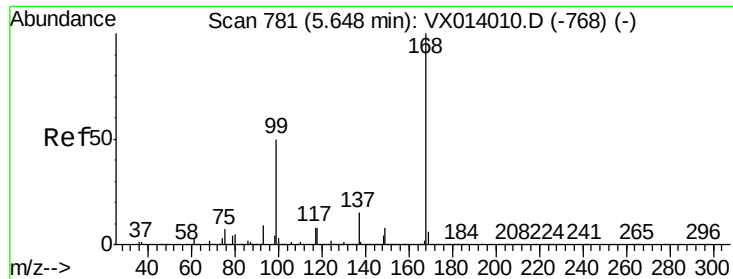
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	125549	17.643	ug/l	99
94) Hexachlorobutadiene	13.78	225	60122	17.579	ug/l	99
95) Naphthalene	13.83	128	387598	18.539	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127751	18.186	ug/l	98

(#) = 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: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tot Ion:168 Resp: 466298

Ion Ratio Lower Upper

168 100

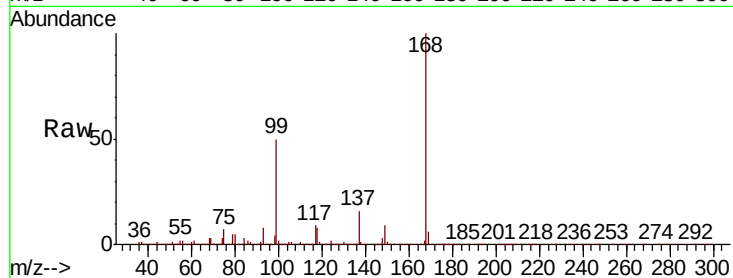
99 50.1 40.3 60.5

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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

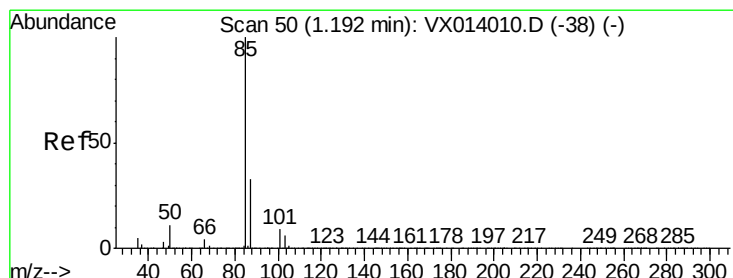
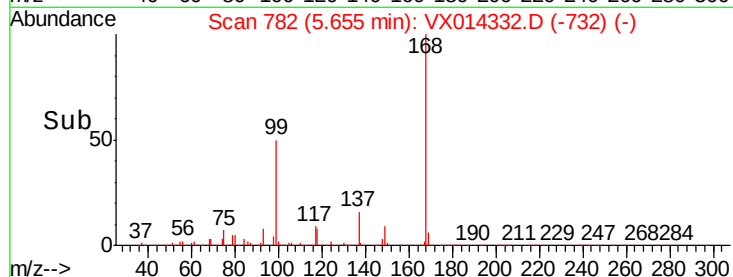
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.555 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014332.D

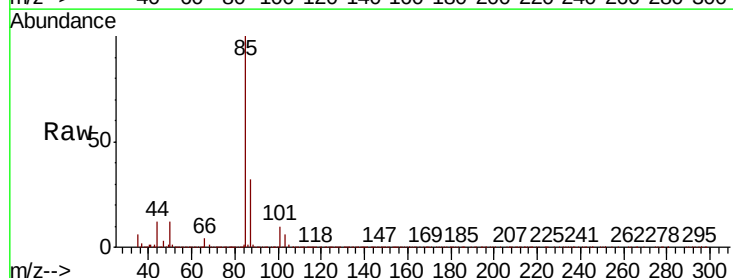
Acq: 28 Dec 2019 01:27

Tgt Ion: 85 Resp: 69060

Ion Ratio Lower Upper

85 100

87 31.8 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

80000

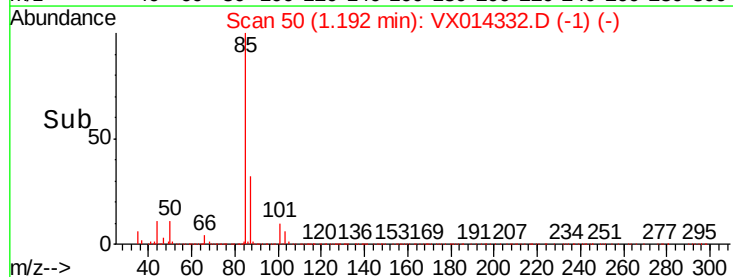
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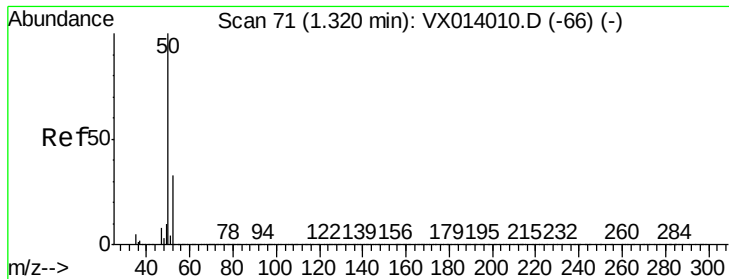
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20000

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Time-->





#3

Chloromethane

Concen: 18.116 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tot Ion: 50 Resp: 101420

Ion Ratio Lower Upper

50 100

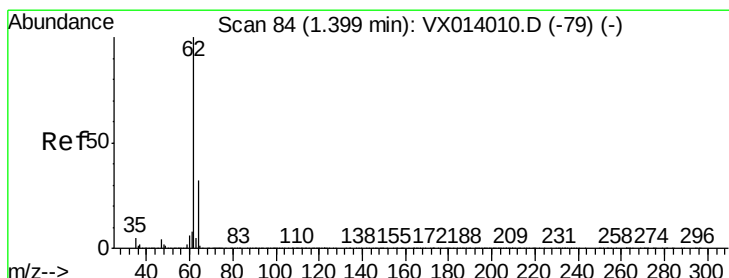
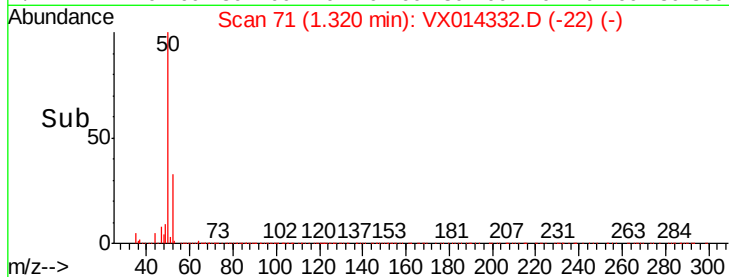
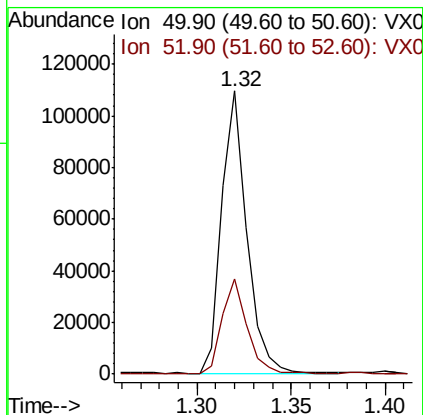
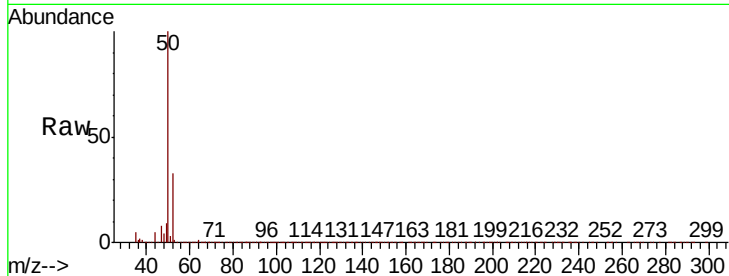
52 33.2 26.2 39.4

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#4

Vinyl Chloride

Concen: 18.049 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014332.D

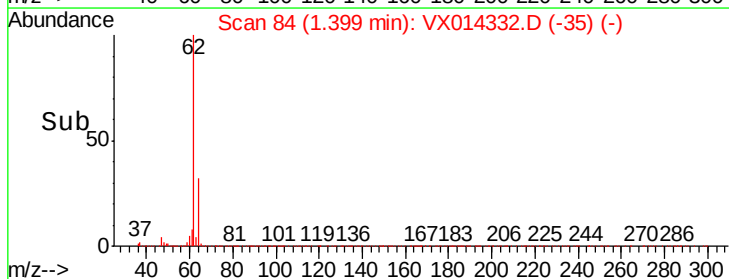
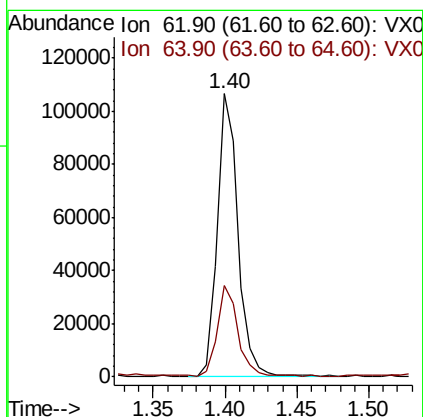
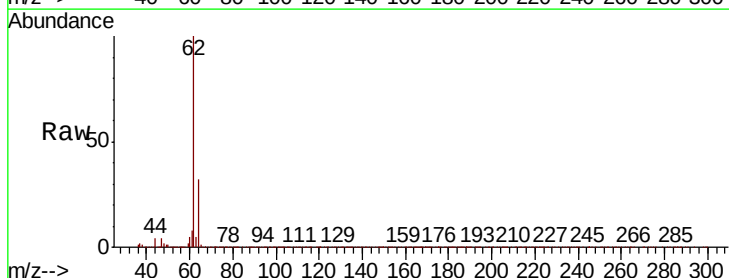
Acq: 28 Dec 2019 01:27

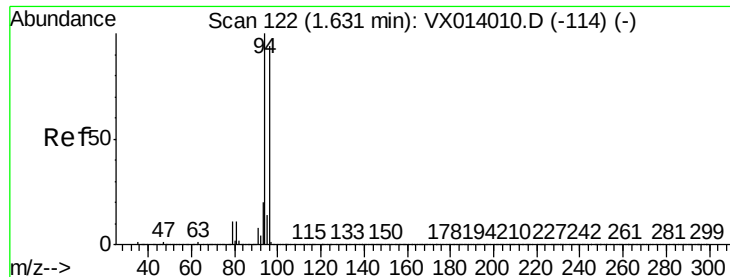
Tgt Ion: 62 Resp: 106622

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 16.032 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tot Ion: 94 Resp: 67217

Ion Ratio Lower Upper

94 100

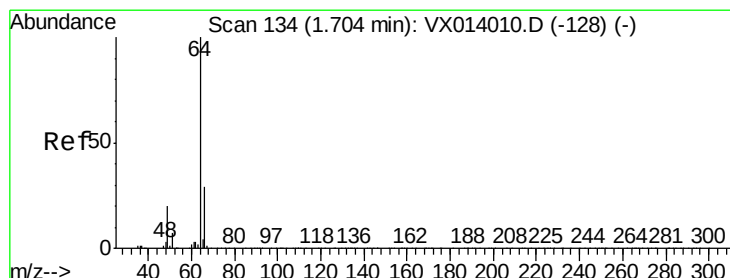
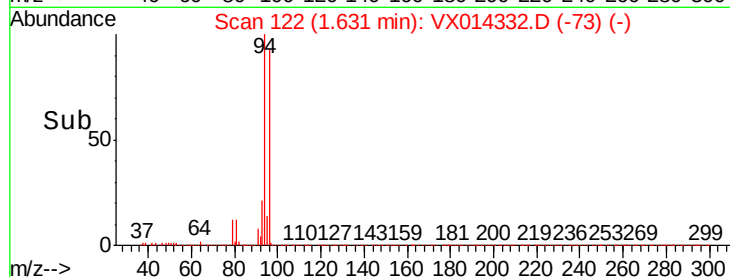
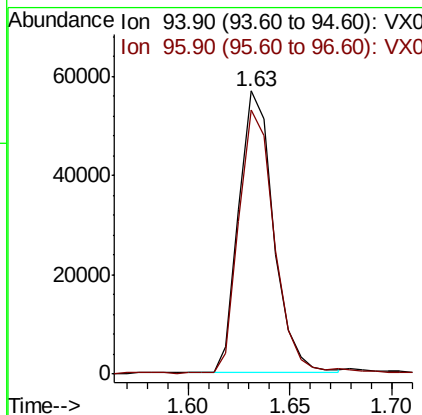
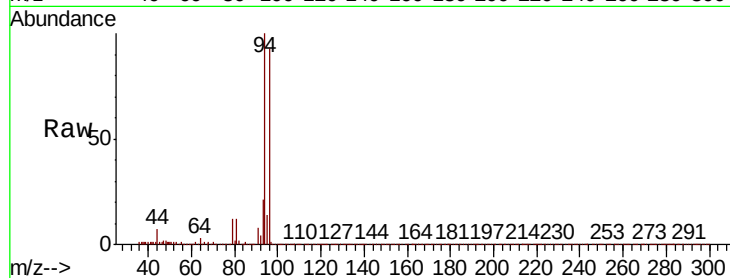
96 92.9 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 19.832 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014332.D

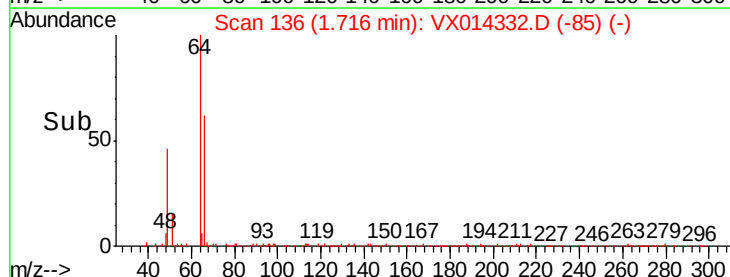
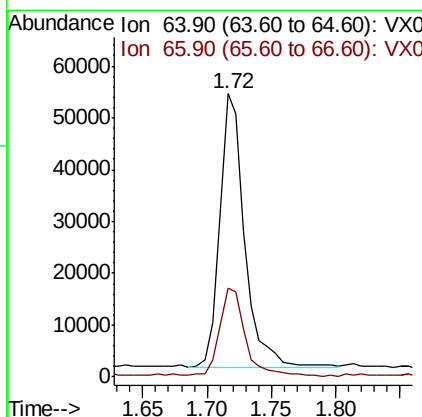
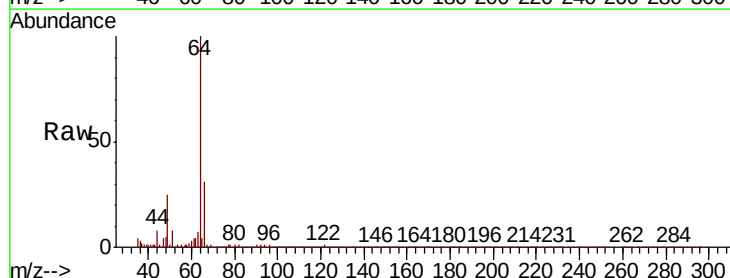
Acq: 28 Dec 2019 01:27

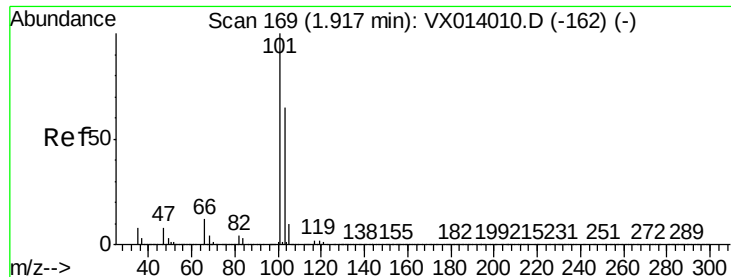
Tgt Ion: 64 Resp: 72305

Ion Ratio Lower Upper

64 100

66 31.9 23.4 35.2





#7

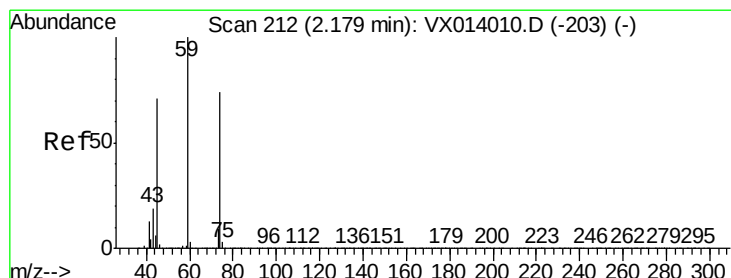
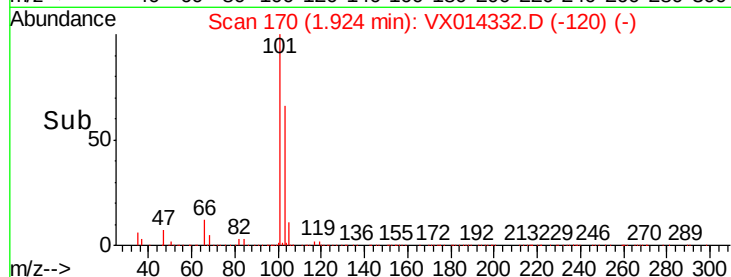
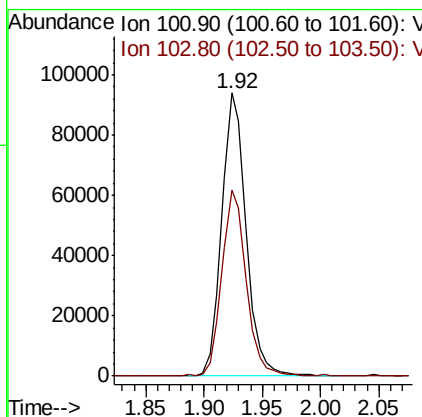
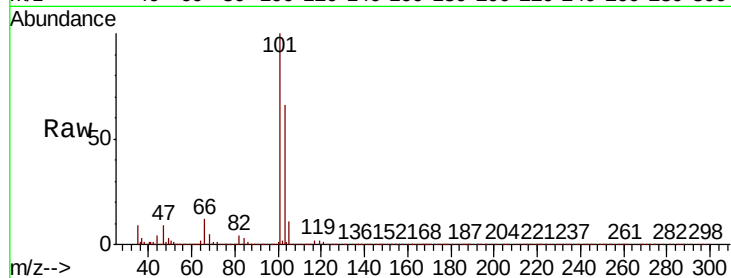
Trichlorofluoromethane
Concen: 18.453 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.2	78.4

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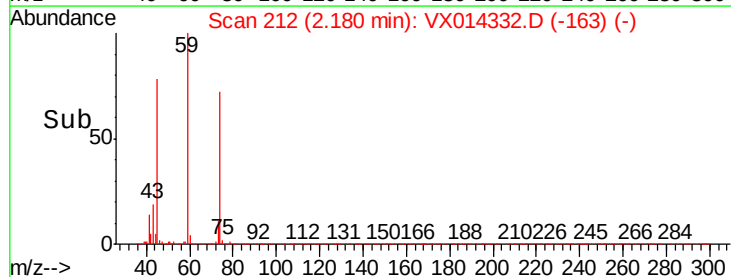
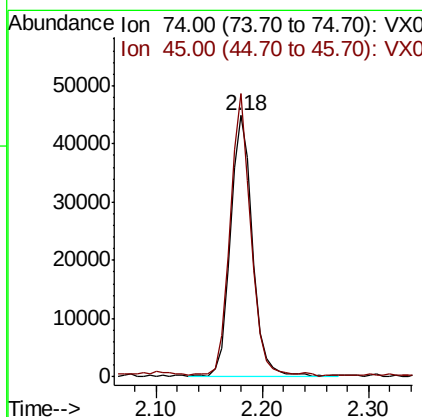
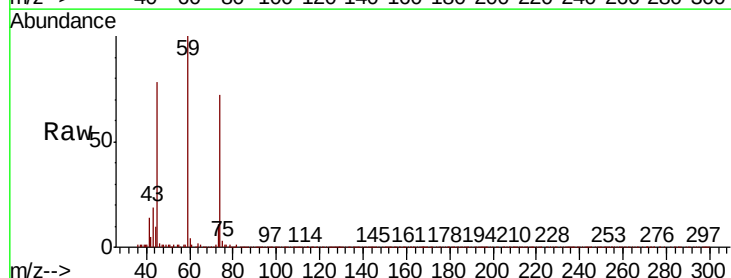
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12/30/2019 11:04:43 AM

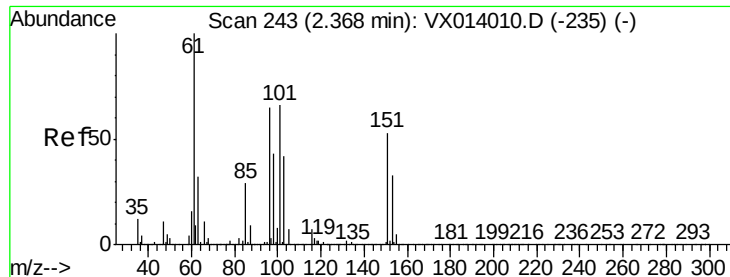


#8

Diethyl Ether
Concen: 18.746 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.7	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.373 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

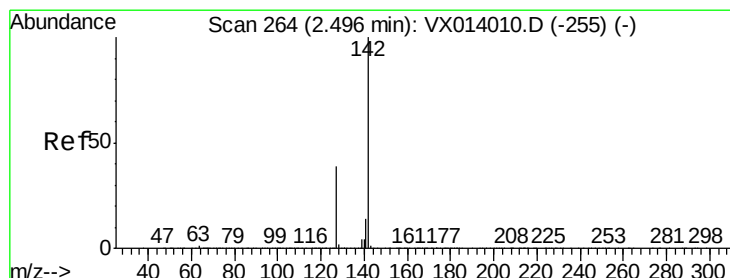
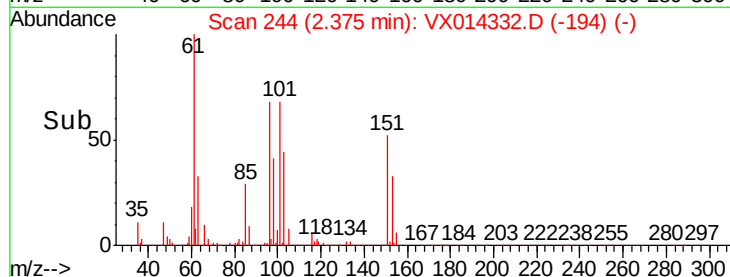
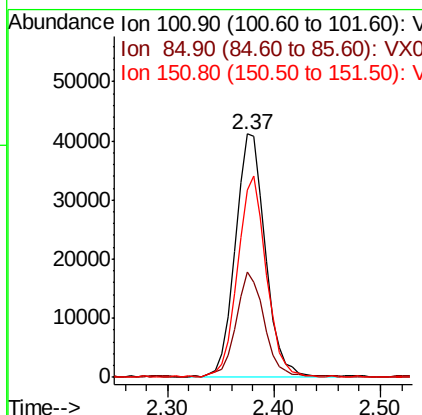
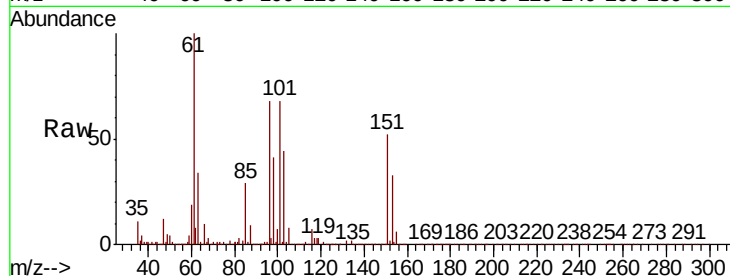
ClientSampleId :

VX1227WBS02

Tot Ion:	101	Resp:	80989
Ion Ratio	Lower	Upper	
101	100		
85	40.3	33.7	50.5
151	78.5	64.5	96.7

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#10

Methyl Iodide

Concen: 16.849 ug/l

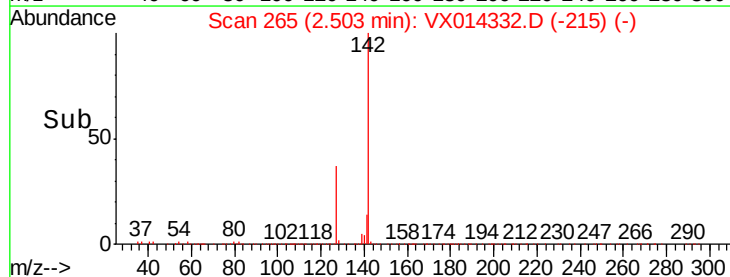
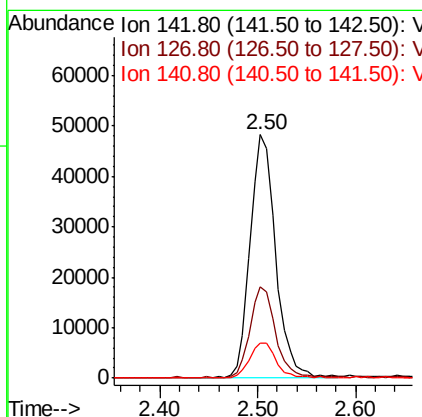
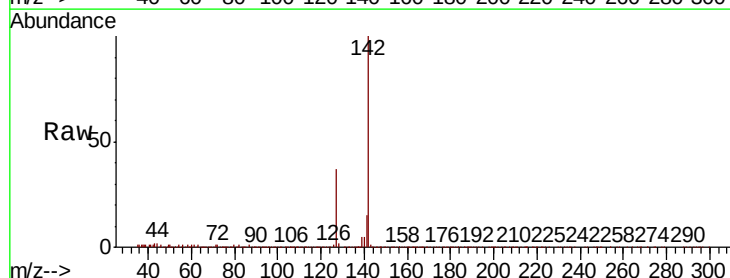
RT: 2.50 min Scan# 265

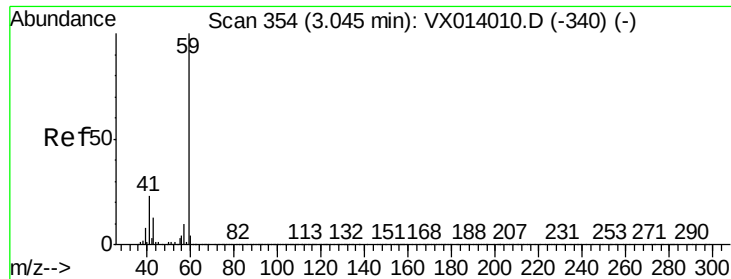
Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion:	142	Resp:	87290
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.6	47.4
141	14.7	11.6	17.4





#11

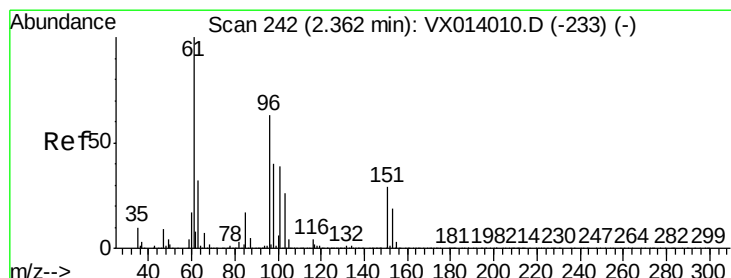
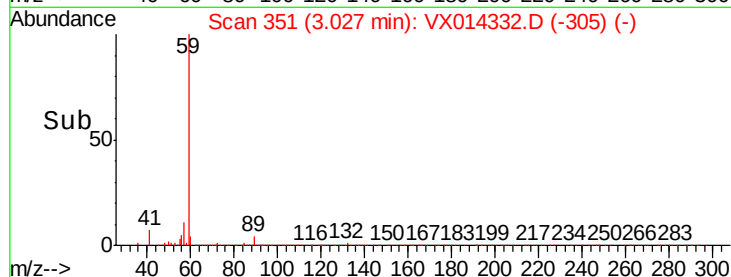
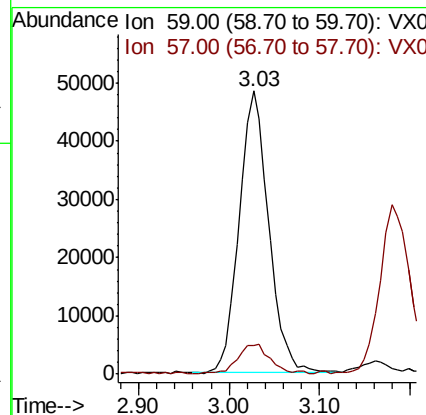
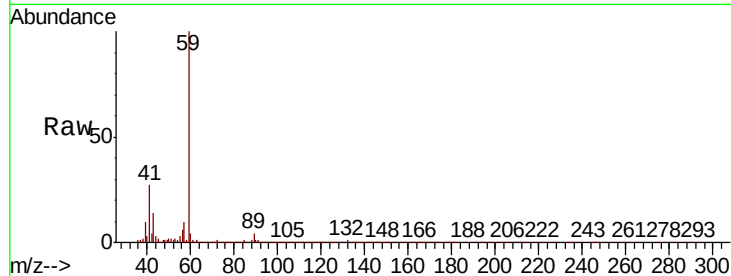
Tert butyl alcohol
 Concen: 95.759 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6

Manual Integrations
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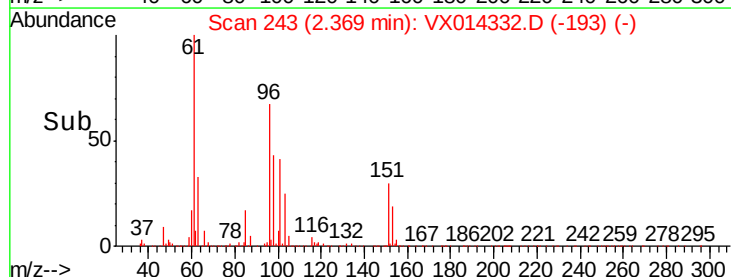
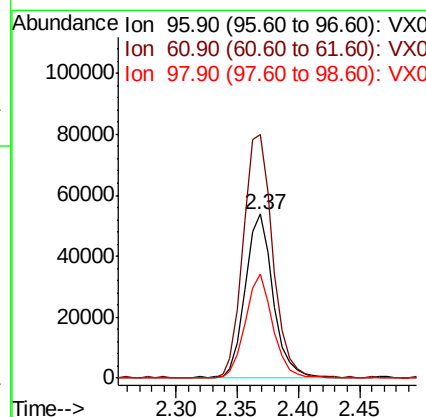
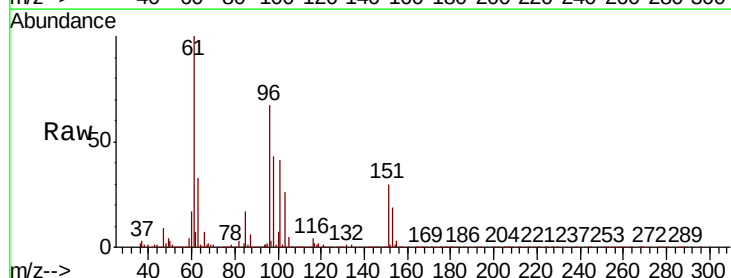
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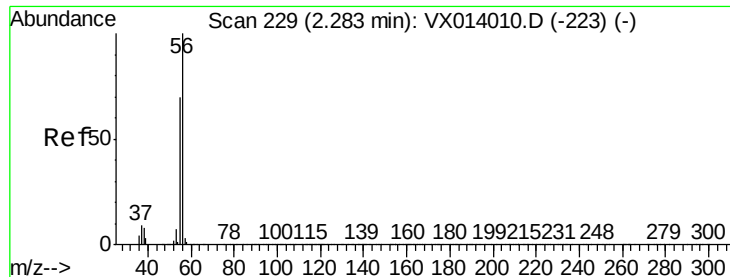


#12

1,1-Dichloroethene
 Concen: 19.068 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.2	127.9	191.9
98	63.2	50.5	75.7





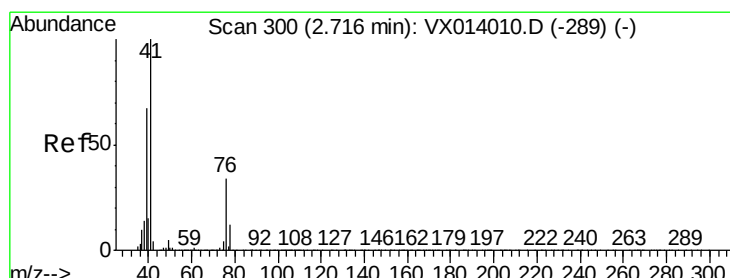
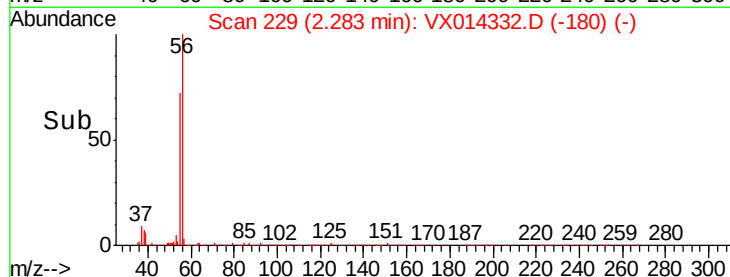
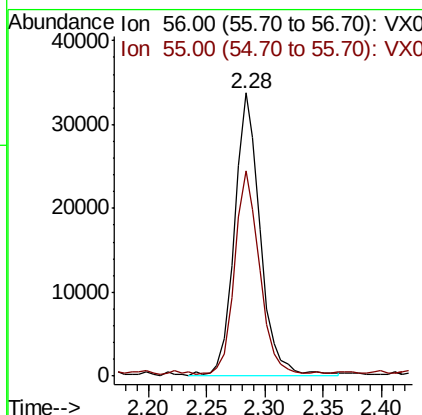
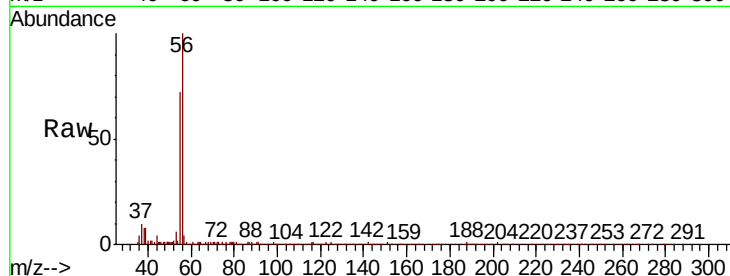
#13
Acrolein
Concen: 79.843 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.5	56.9	85.3

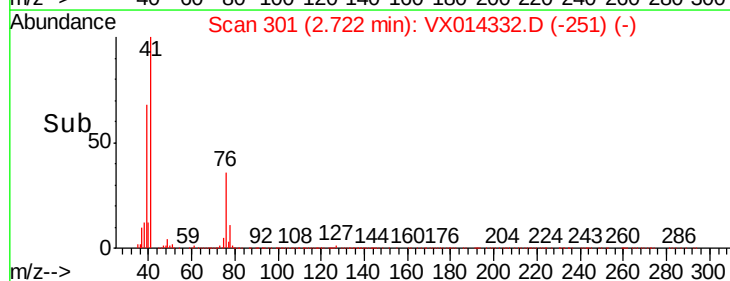
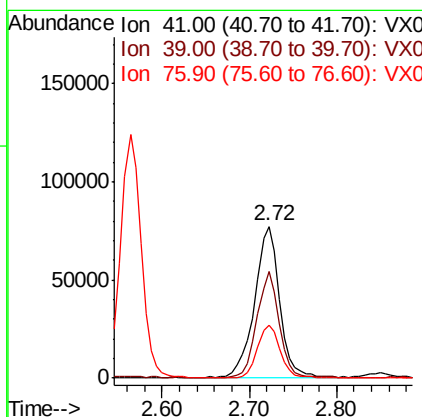
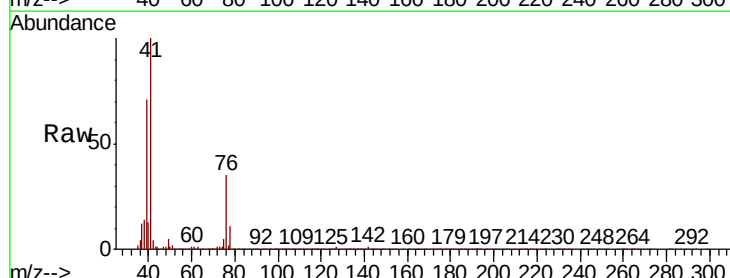
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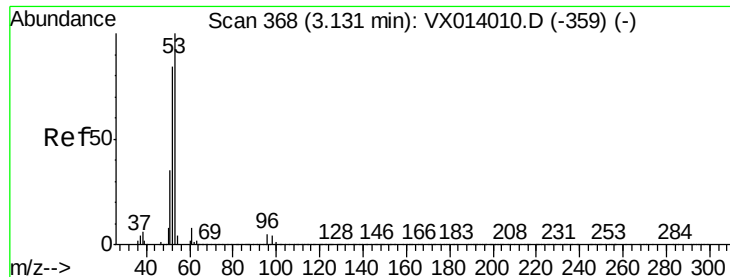
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#14
Allyl chloride
Concen: 19.061 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.9	51.8	77.8
76	31.2	25.9	38.9





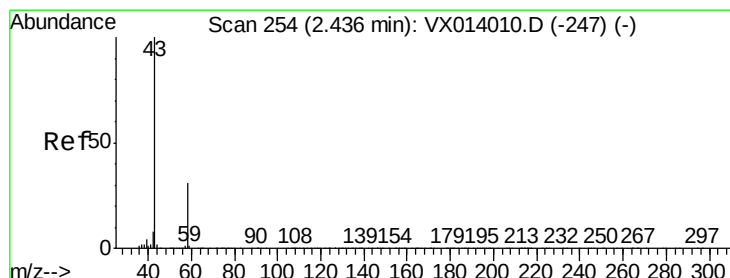
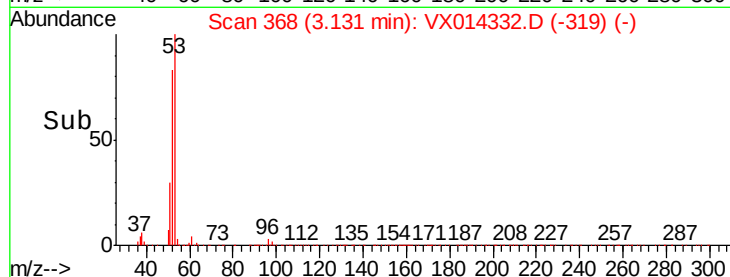
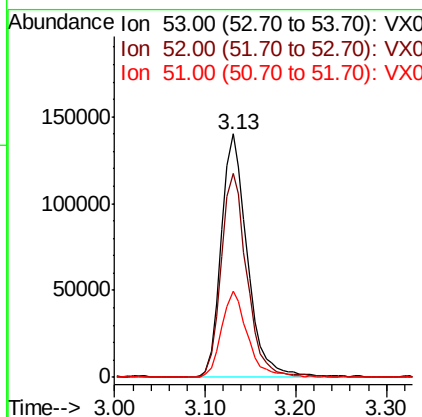
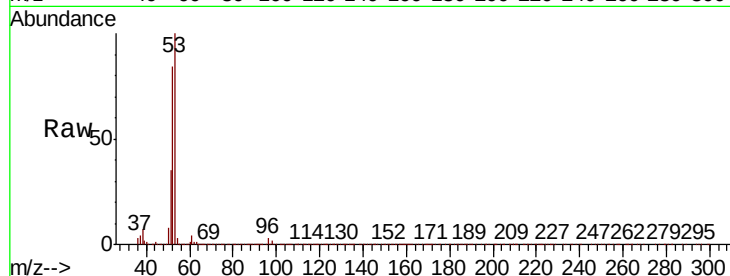
#15
 Acrylonitrile
 Concen: 104.625 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	35.3	28.1	42.1

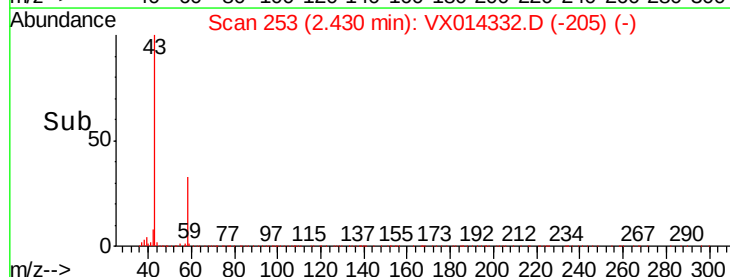
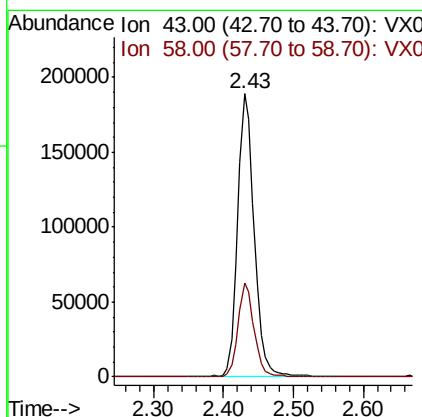
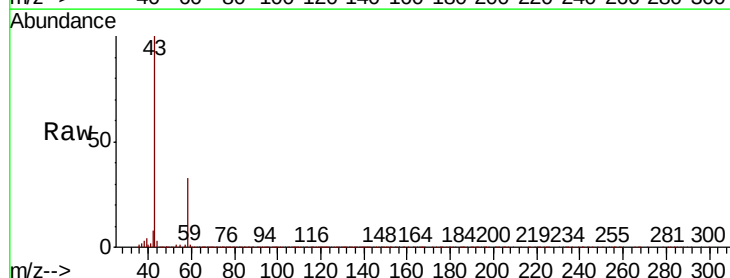
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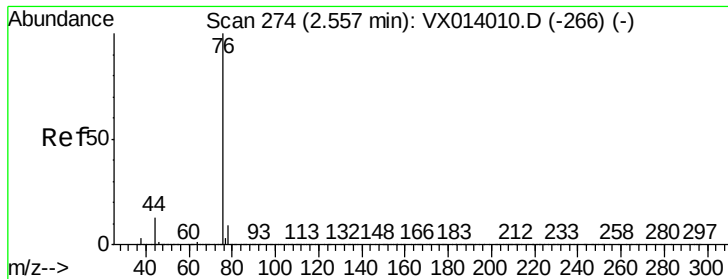
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#16
 Acetone
 Concen: 90.286 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.9	37.3





#17

Carbon Disulfide

Concen: 16.727 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tot Ion: 76 Resp: 201987

Ion Ratio Lower Upper

76 100

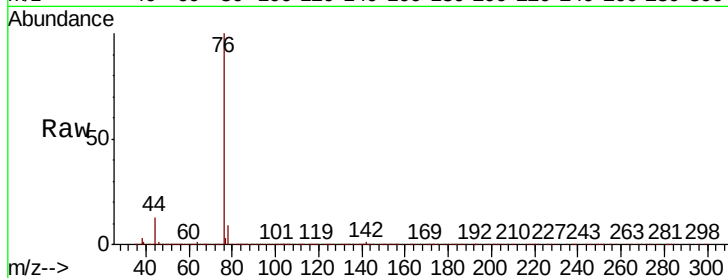
78 8.8 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

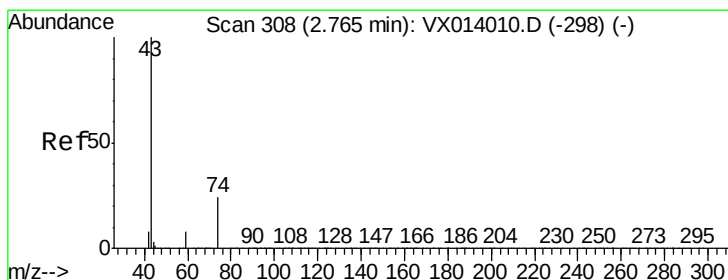
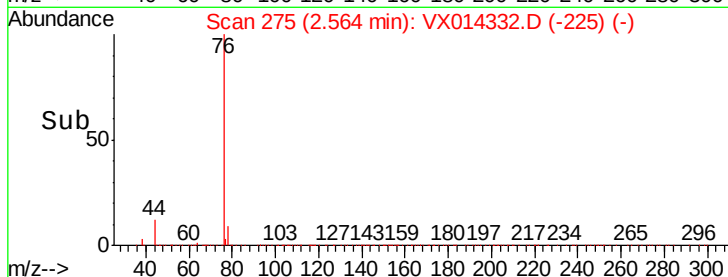
2.56

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 21.832 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014332.D

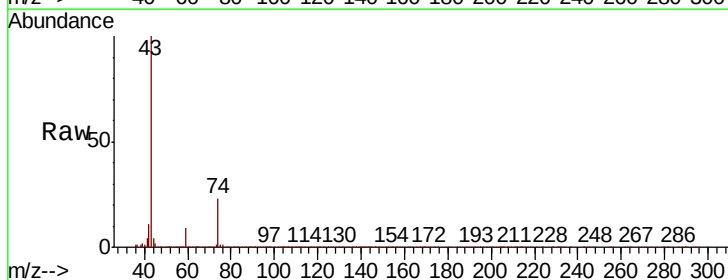
Acq: 28 Dec 2019 01:27

Tgt Ion: 43 Resp: 148428

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

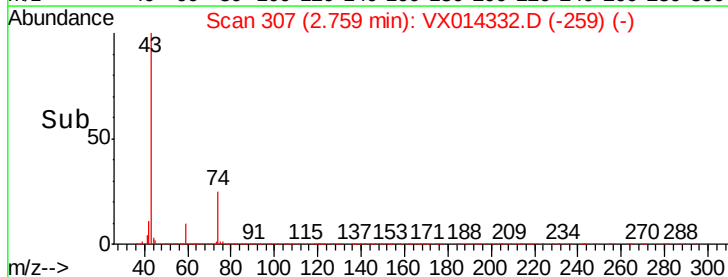
60000

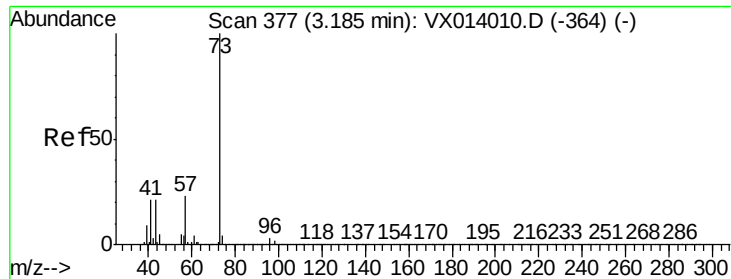
40000

20000

0

Time-->





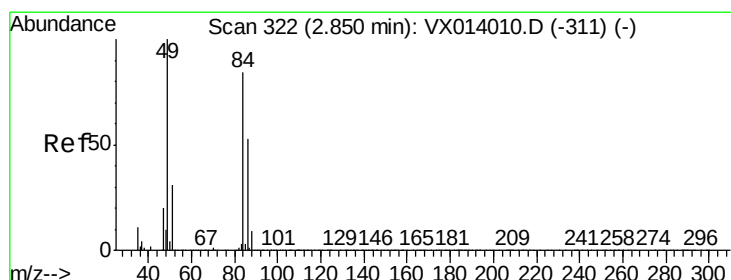
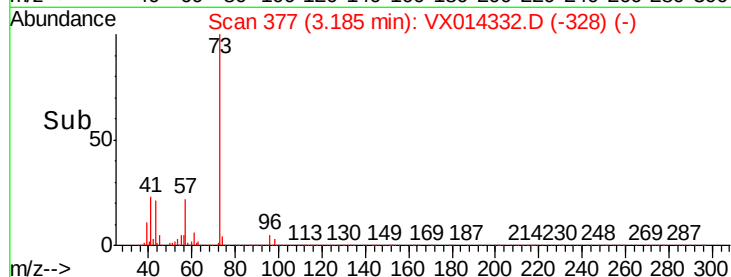
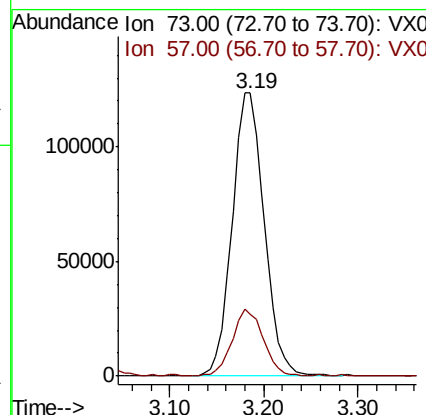
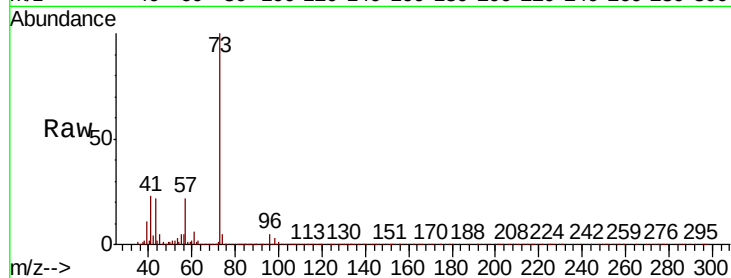
#19
Methyl tert-butyl Ether
Concen: 19.764 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	18.8	28.2

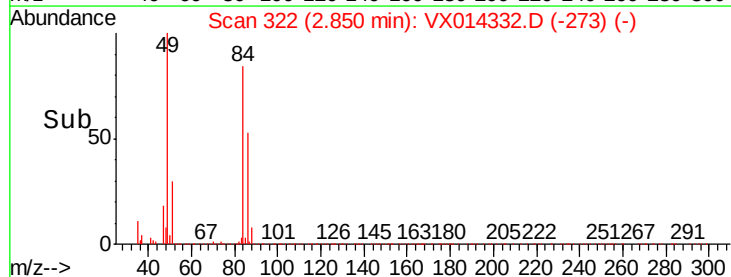
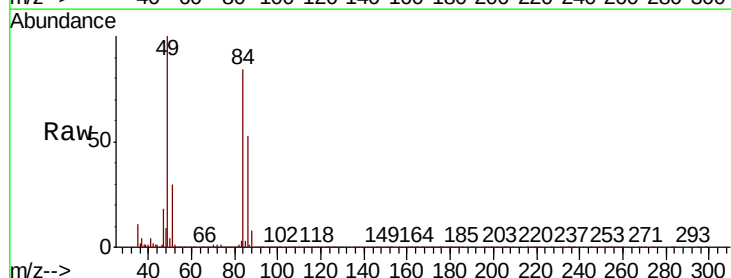
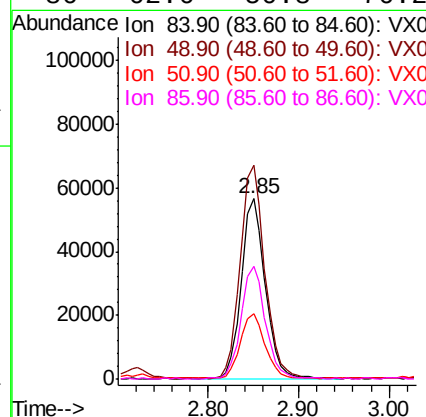
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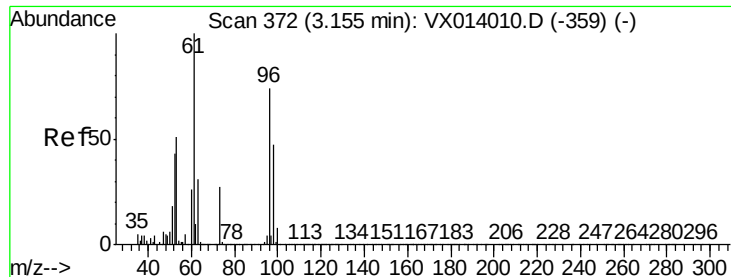
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#20
Methylene Chloride
Concen: 19.367 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	95.8	143.6
51	35.7	29.8	44.8
86	62.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.399 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

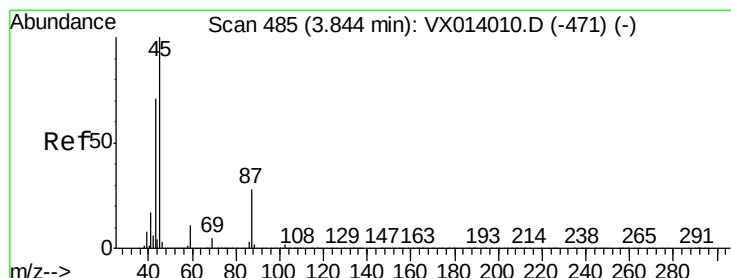
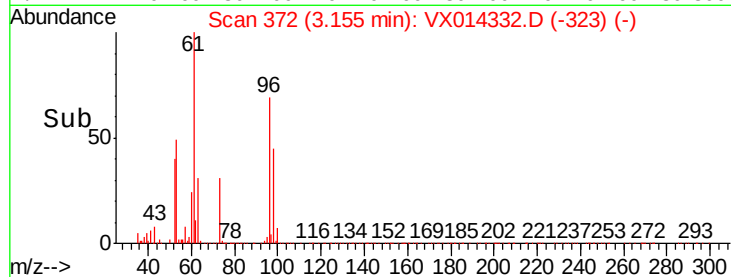
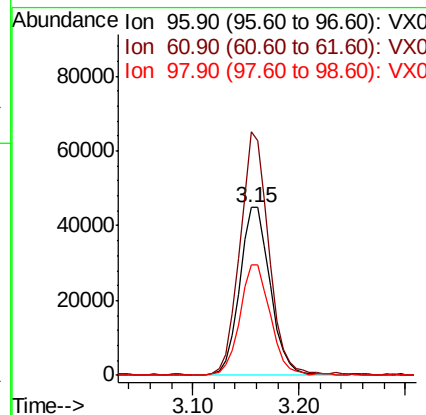
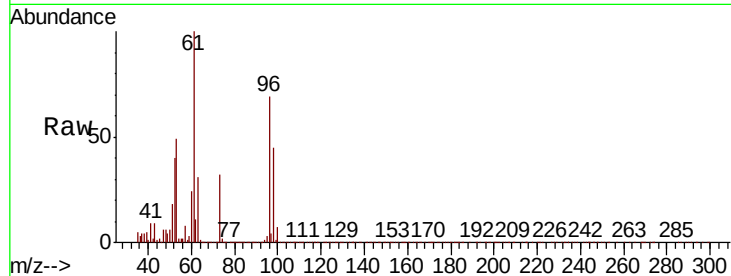
ClientSampleId :

VX1227WBS02

Tot Ion:	96	Resp:	90920
Ion	Ratio	Lower	Upper
96	100		
61	144.7	108.3	162.5
98	65.2	50.8	76.2

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#22

Diisopropyl ether

Concen: 20.339 ug/l

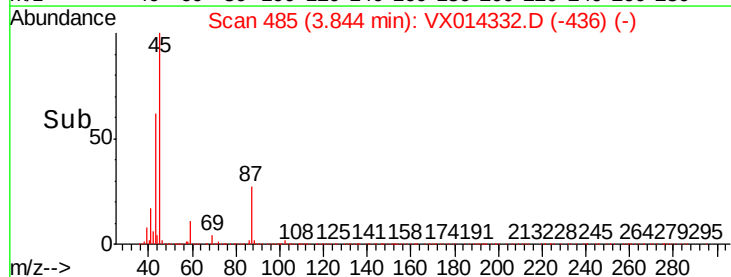
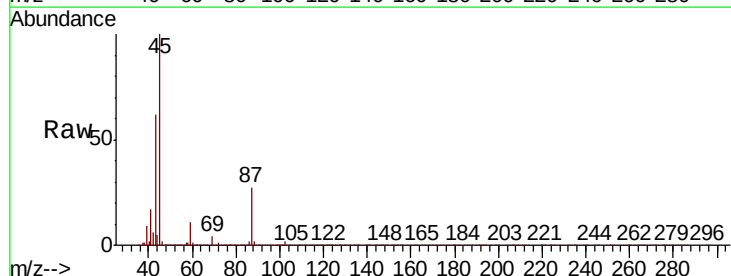
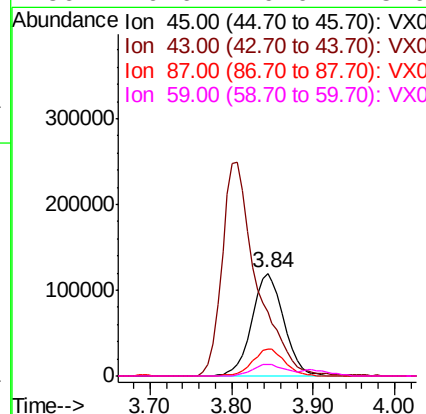
RT: 3.84 min Scan# 485

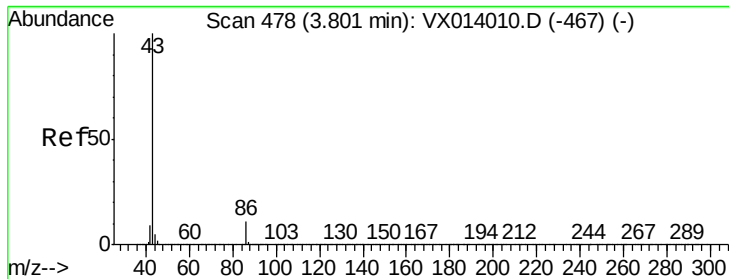
Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion:	45	Resp:	324595
Ion	Ratio	Lower	Upper
45	100		
43	61.5	57.4	86.0
87	26.7	21.9	32.9
59	10.6	9.0	13.6





#23

Vinyl Acetate

Concen: 56.445 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tot Ion: 43 Resp: 735128

Ion Ratio Lower Upper

43 100

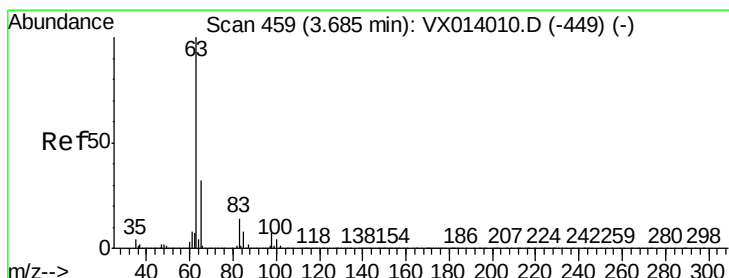
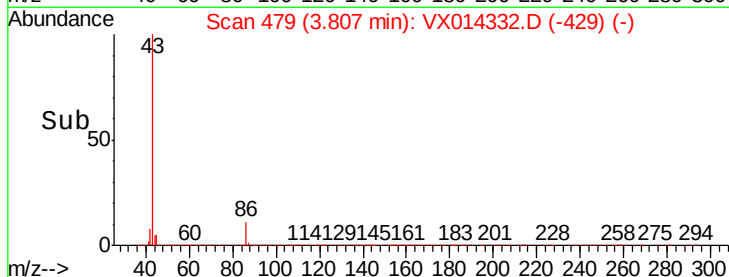
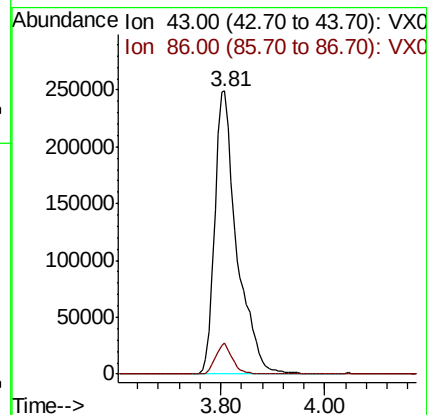
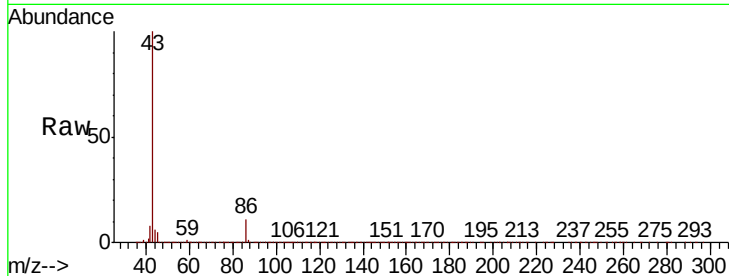
86 11.1 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 19.598 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

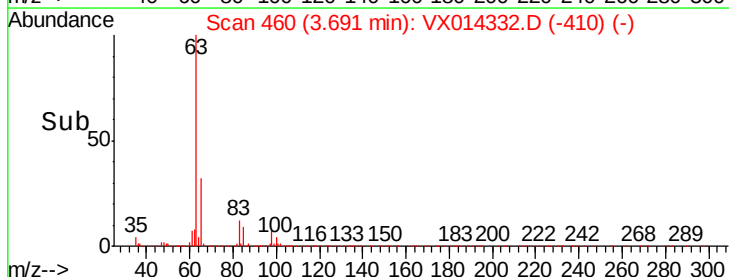
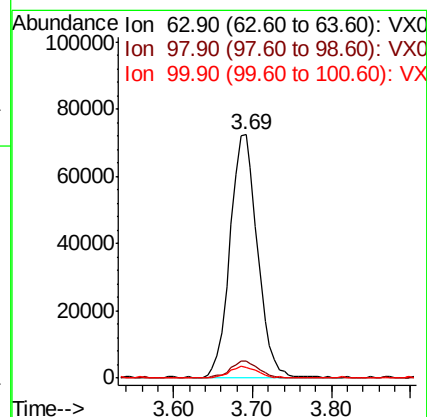
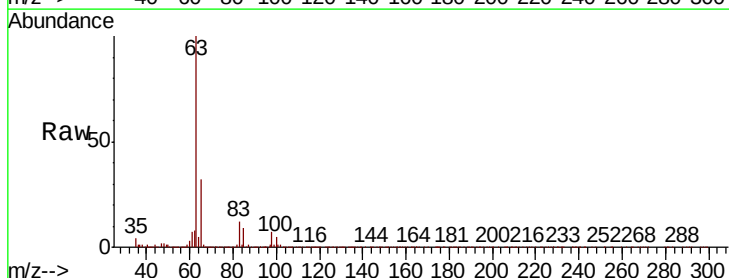
Tgt Ion: 63 Resp: 174016

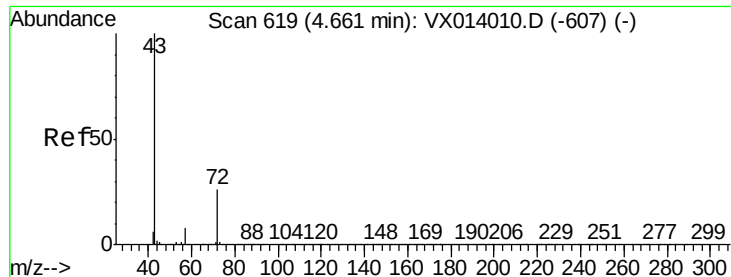
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 98.463 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tot Ion: 43 Resp: 416500

Ion Ratio Lower Upper

43 100

72 25.4 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

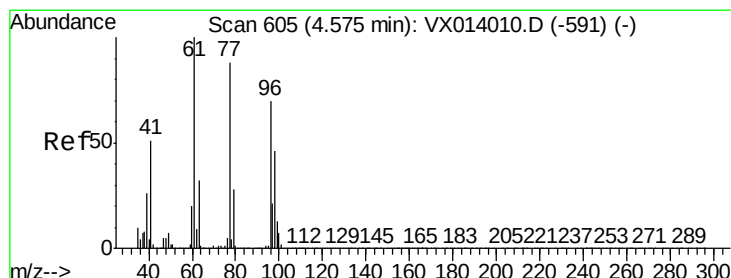
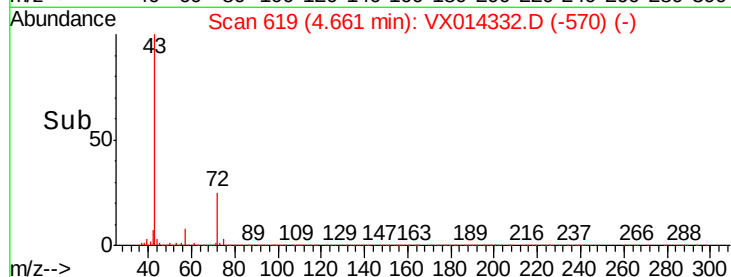
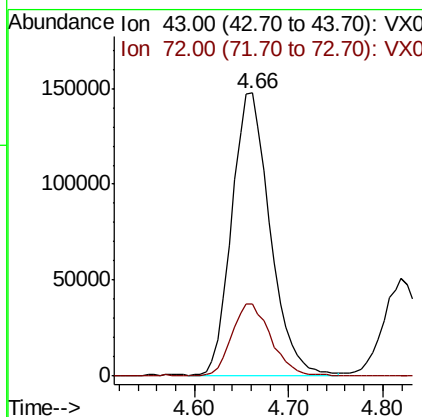
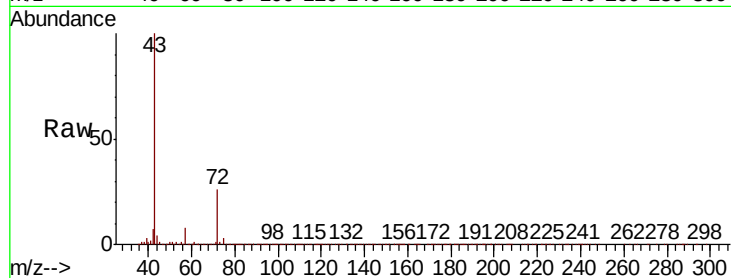
VX1227WBS02

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#26

2,2-Dichloropropane

Concen: 14.917 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014332.D

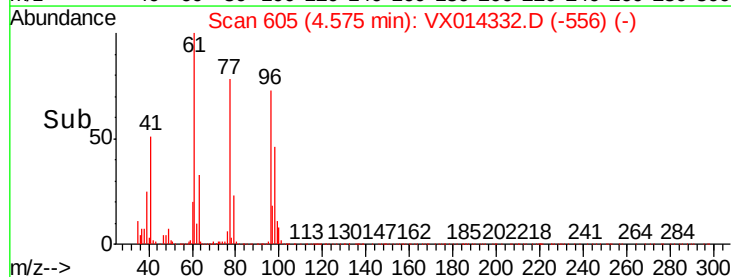
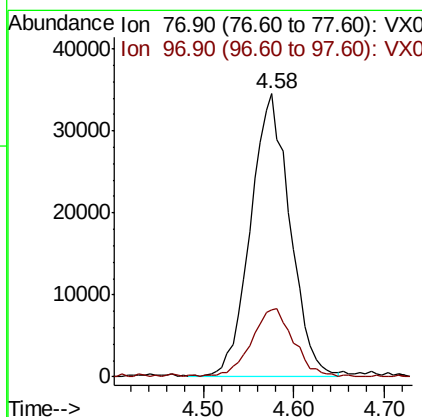
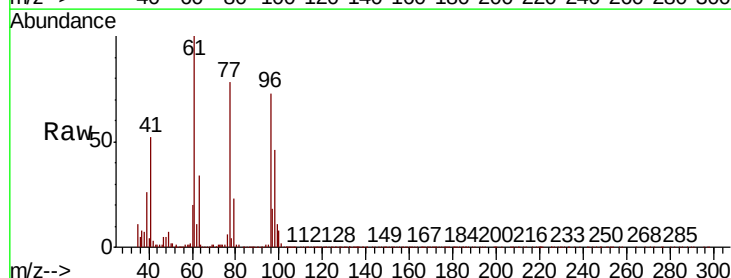
Acq: 28 Dec 2019 01:27

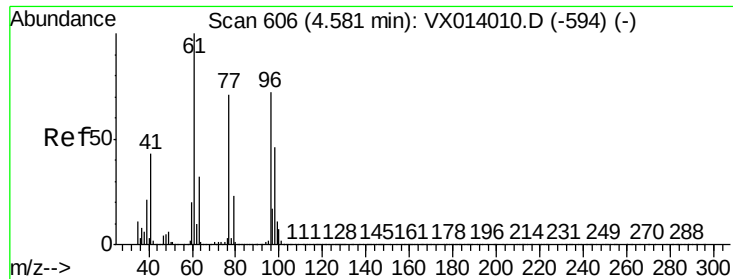
Tgt Ion: 77 Resp: 102834

Ion Ratio Lower Upper

77 100

97 25.9 11.9 35.9





#27

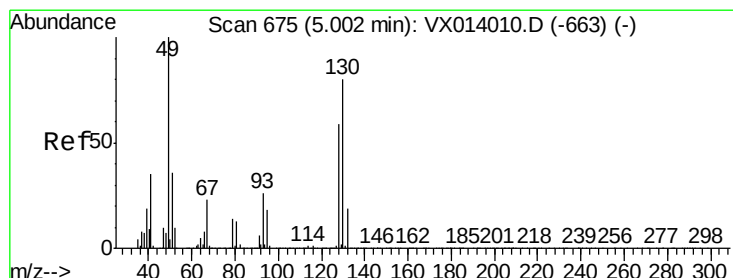
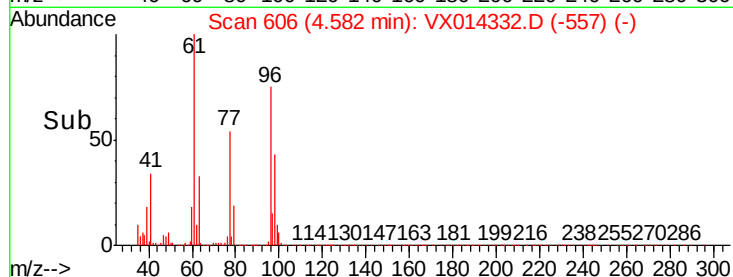
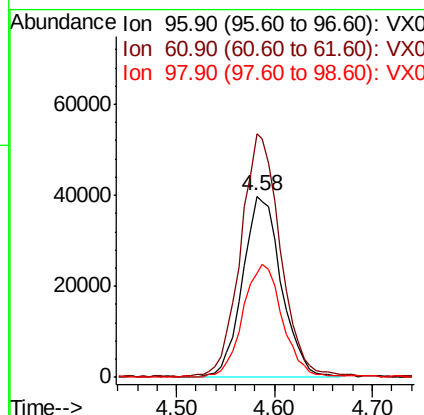
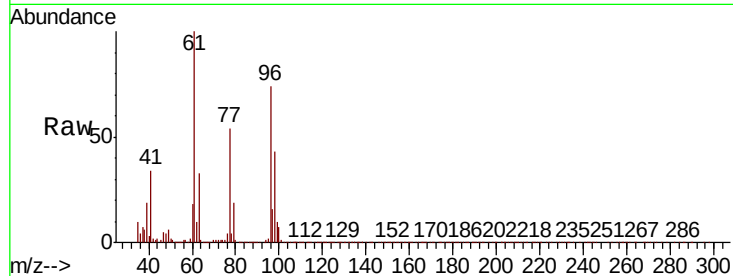
cis-1,2-Dichloroethene
Concen: 19.516 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	109067		
61	137.5	0.0	288.4	
98	63.2	0.0	129.6	

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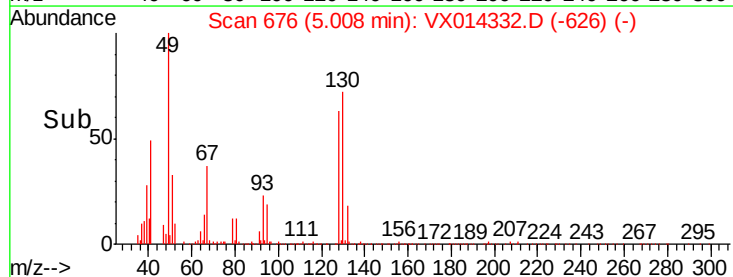
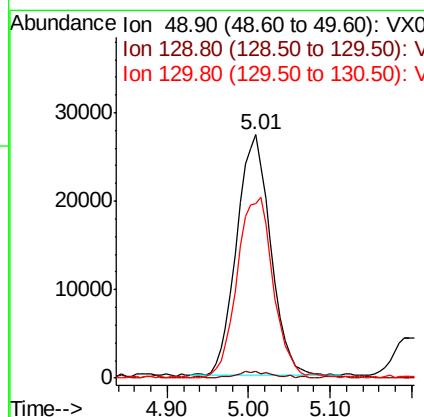
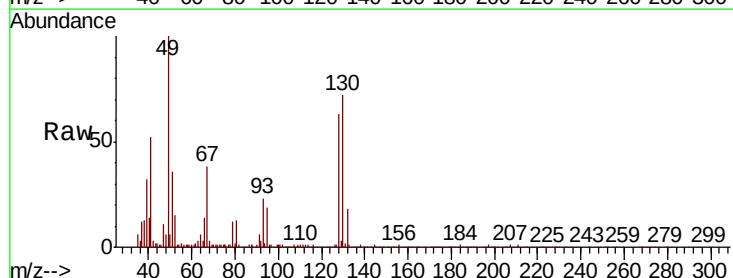
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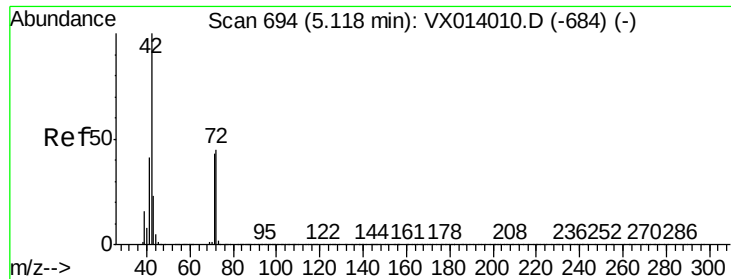


#28

Bromochloromethane
Concen: 23.244 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78537		
129	3.1	0.0	5.0	
130	80.5	64.6	97.0	





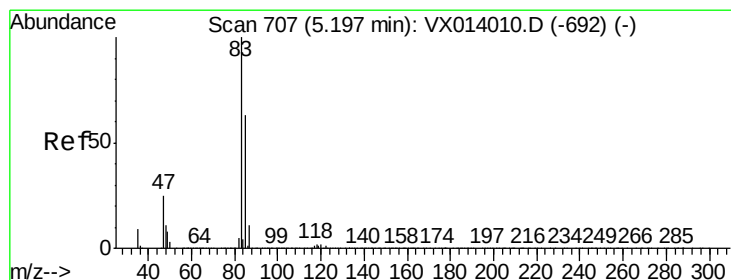
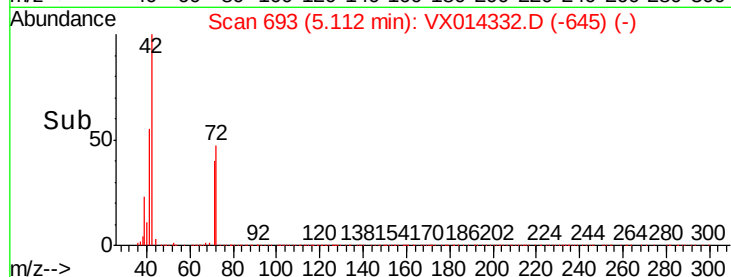
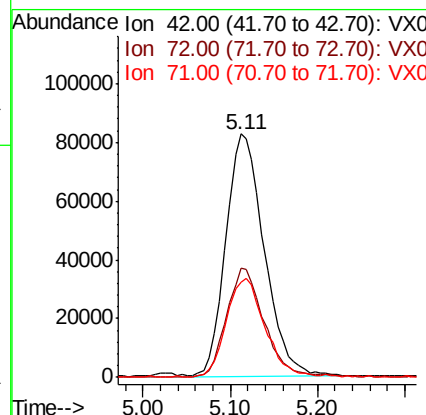
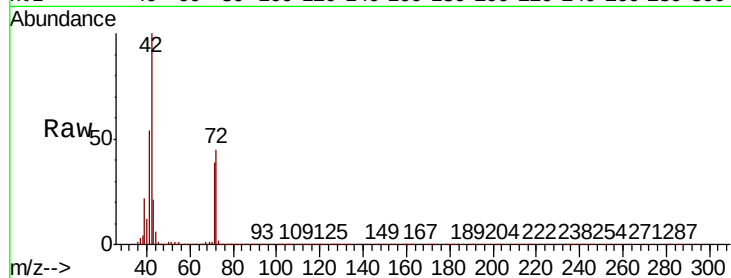
#29
Tetrahydrofuran
Concen: 106.507 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.8	53.8
71	40.8	33.6	50.4

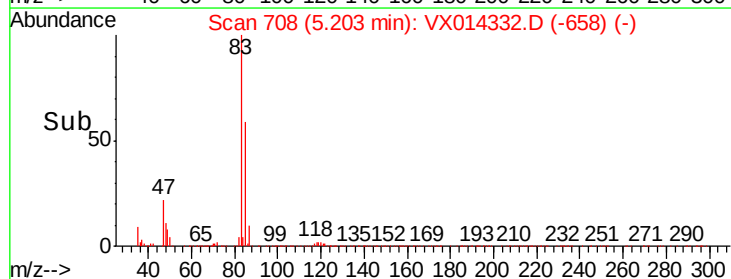
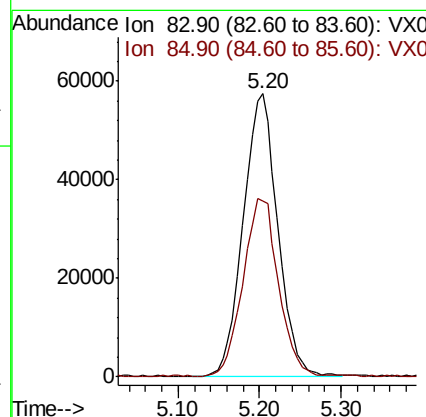
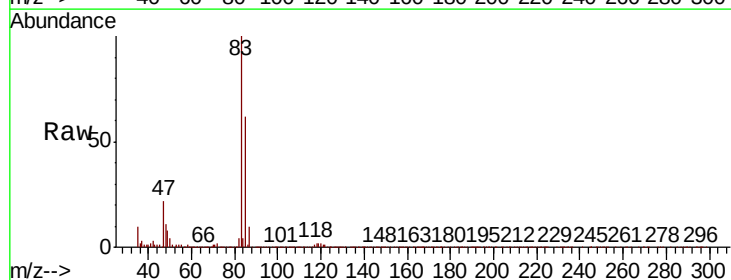
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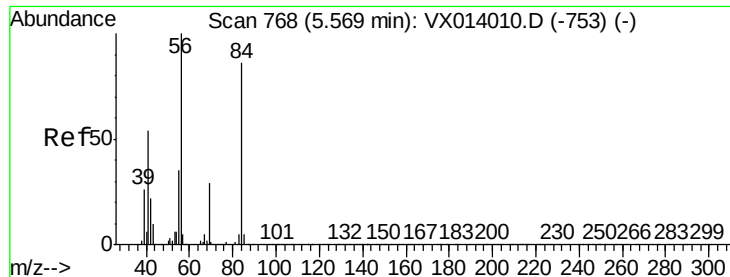
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#30
Chloroform
Concen: 19.946 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.8	76.2





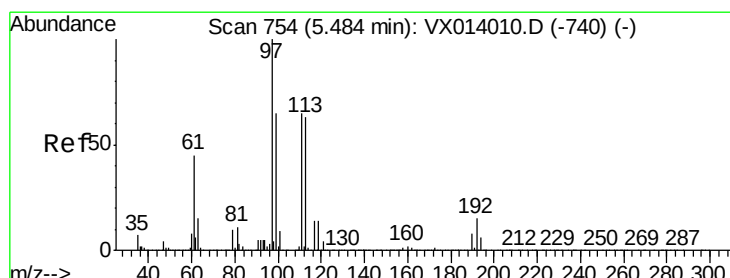
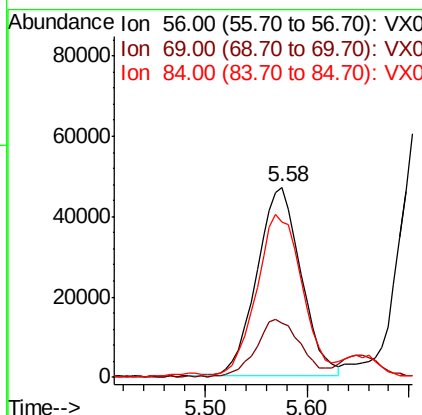
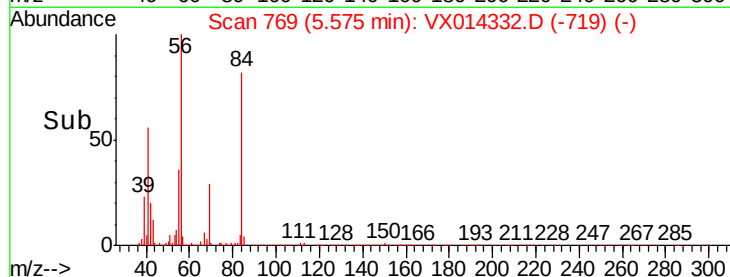
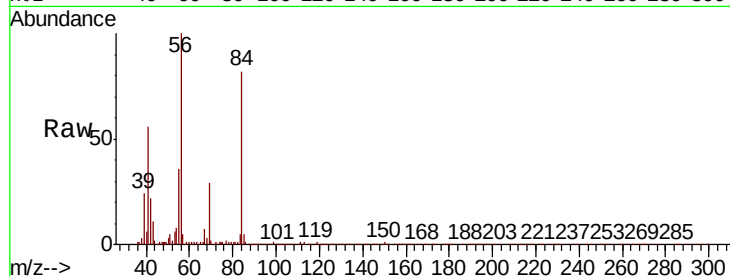
#31
Cyclohexane
Concen: 17.954 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.7	23.2	34.8
84	80.5	69.2	103.8

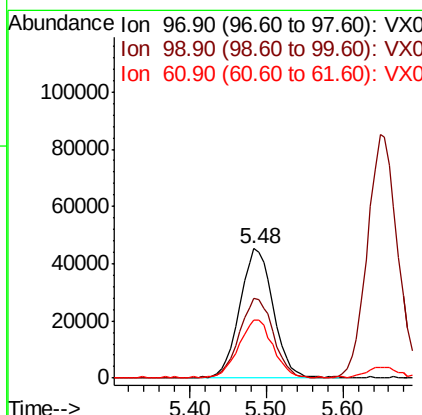
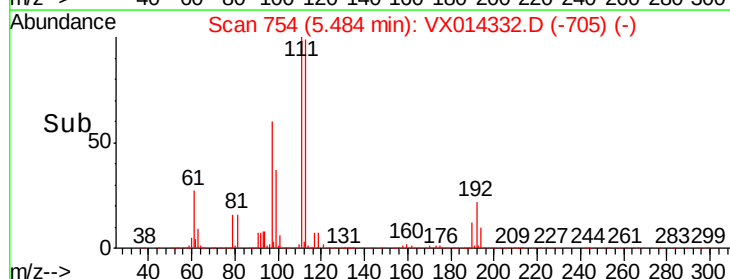
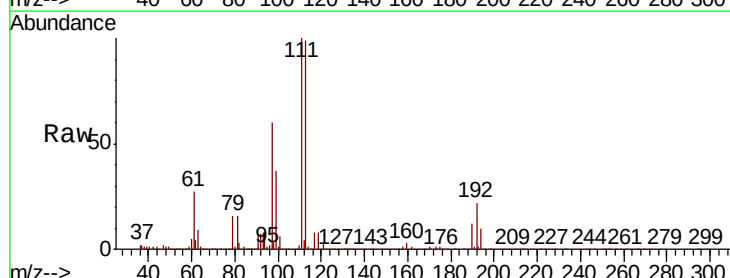
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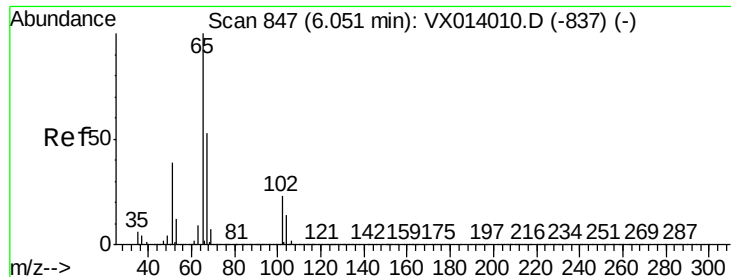
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#32
1,1,1-Trichloroethane
Concen: 19.048 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	52.0	78.0
61	45.4	36.7	55.1





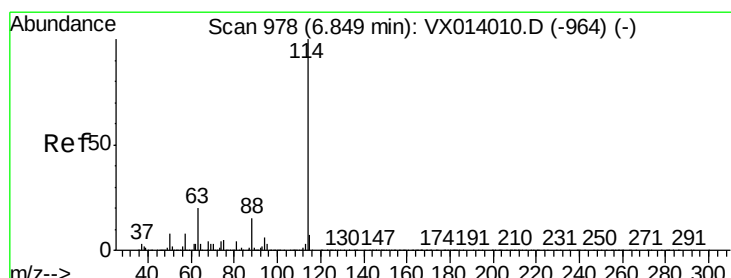
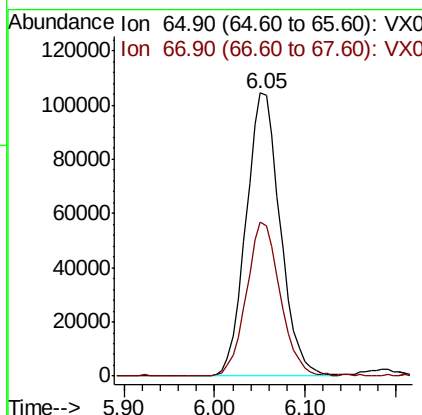
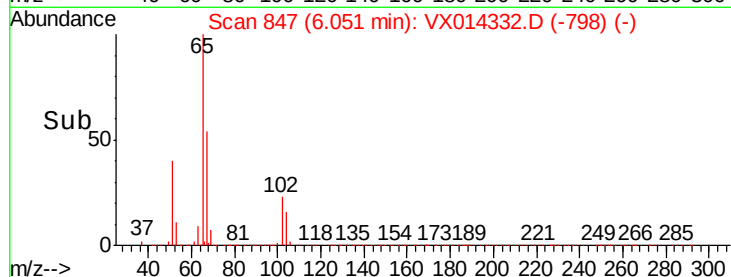
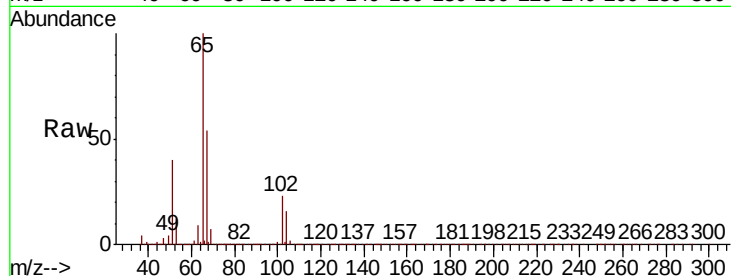
#33
 1,2-Dichloroethane-d4
 Concen: 51.408 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	271685		
67	53.6	0.0	106.4	

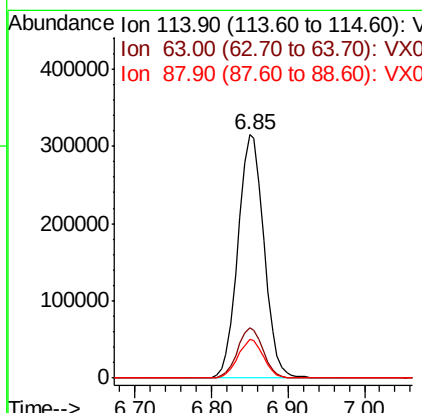
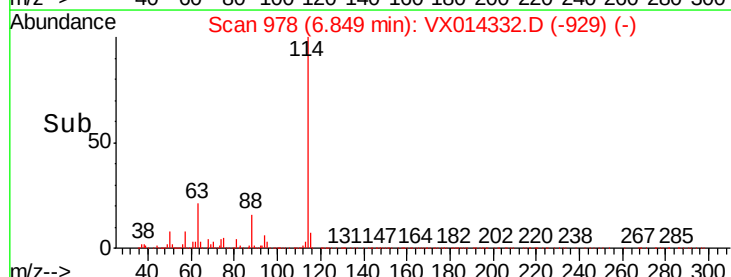
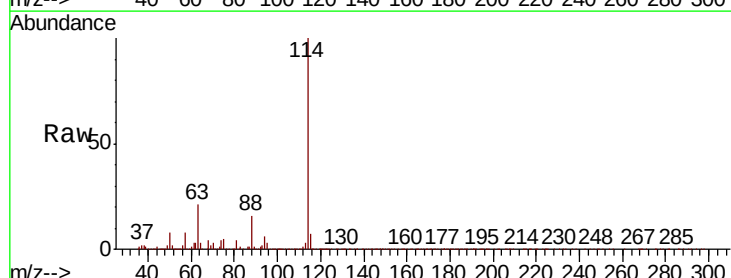
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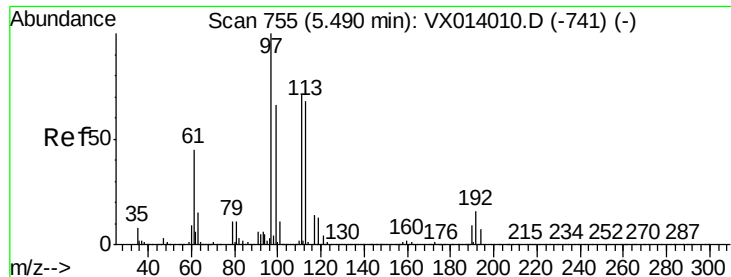
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	742425		
63	20.8	0.0	40.8	
88	16.0	0.0	30.4	





#35

Dibromofluoromethane

Concen: 48.614 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

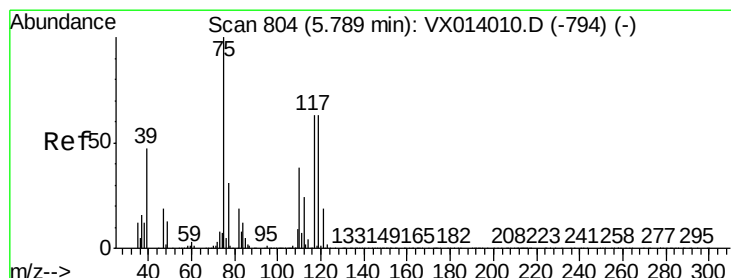
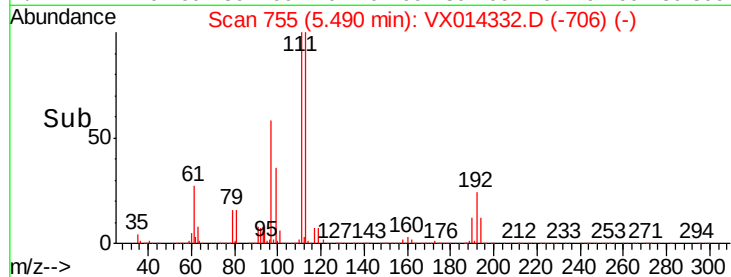
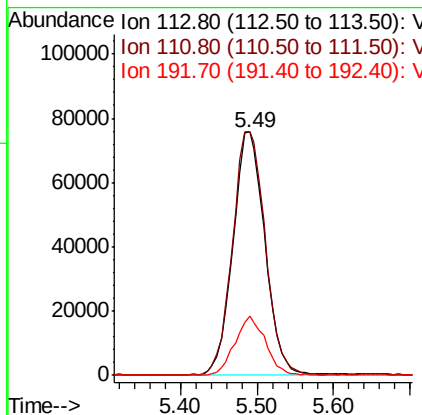
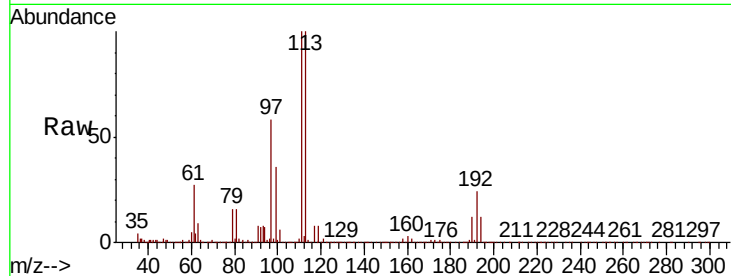
ClientSampleId :

VX1227WBS02

Tot Ion:	113	Resp:	219400
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.0	123.0
192	23.5	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 17.574 ug/l

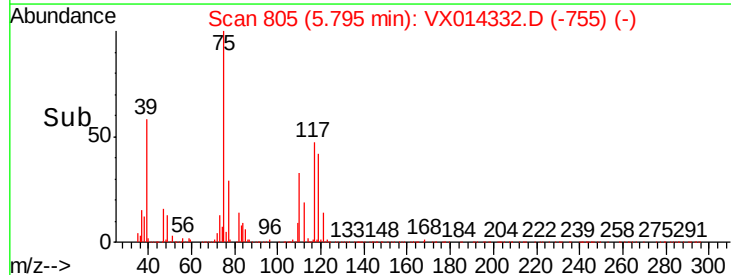
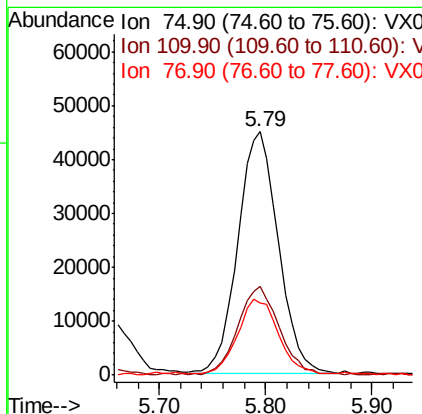
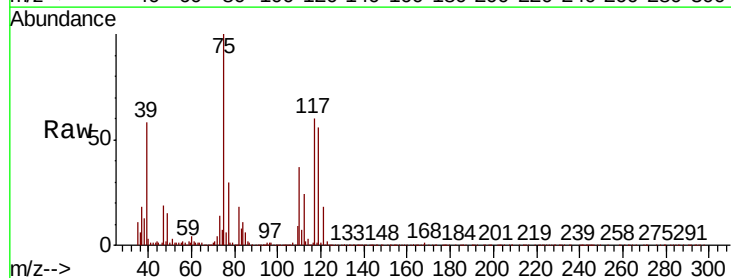
RT: 5.79 min Scan# 805

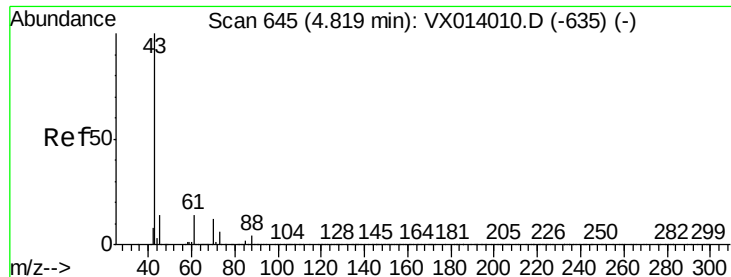
Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion:	75	Resp:	119719
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.3	54.9
77	31.2	24.8	37.2





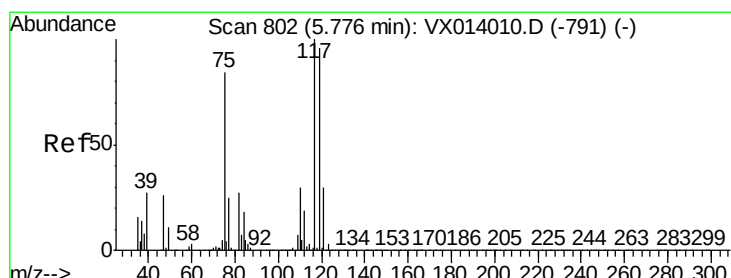
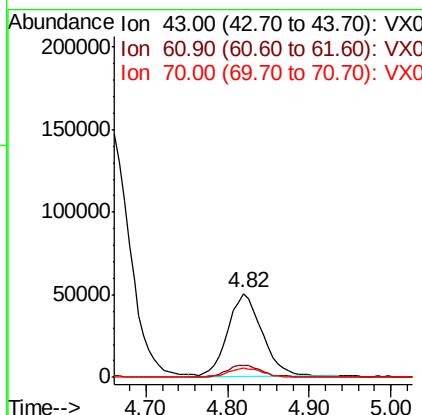
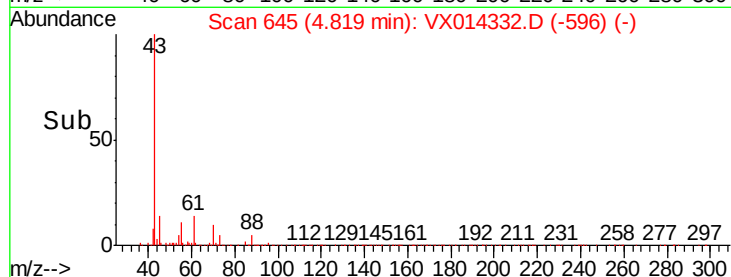
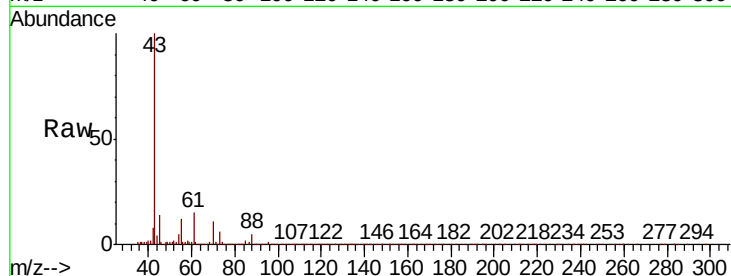
#37
Ethyl Acetate
Concen: 19.518 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.8	16.2
70	10.4	8.6	12.8

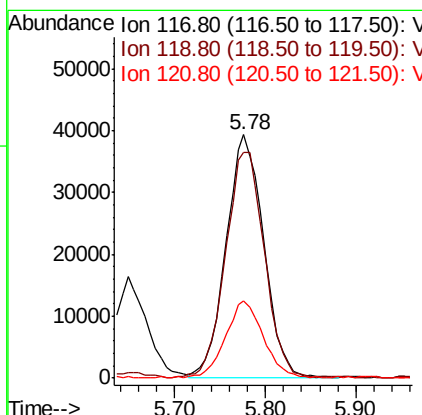
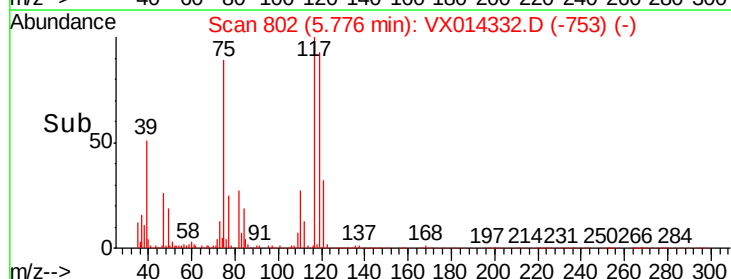
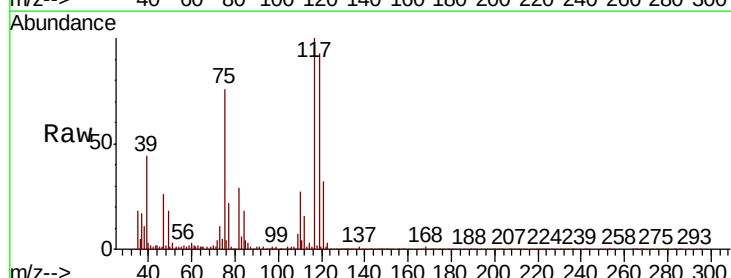
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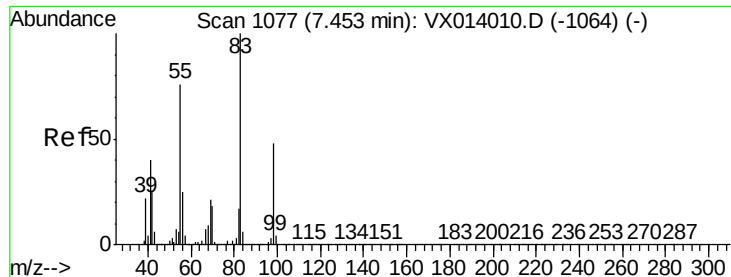
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#38
Carbon Tetrachloride
Concen: 18.235 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.2	114.4
121	31.5	23.6	35.4





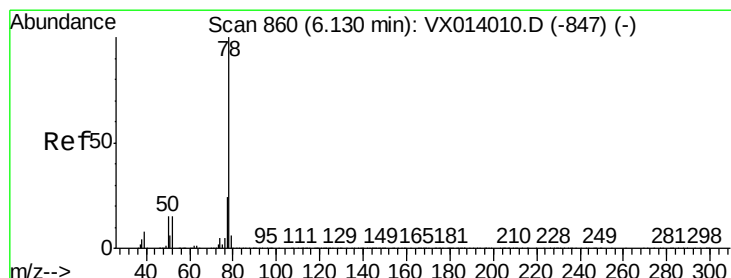
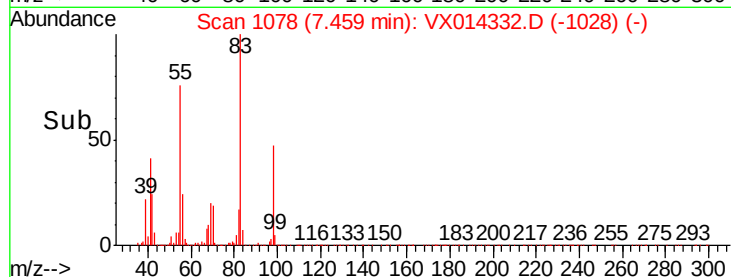
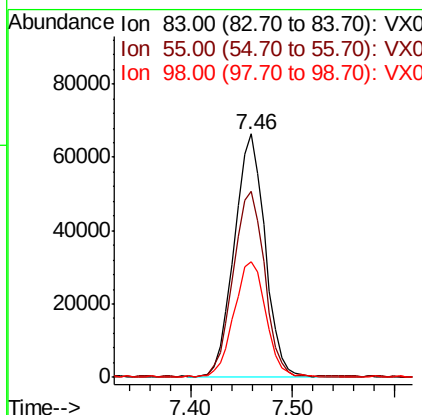
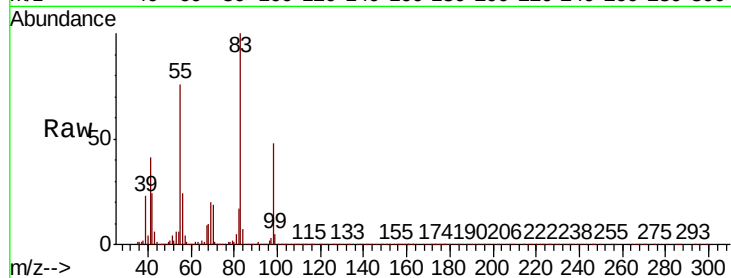
#39
Methylvlcyclohexane
Concen: 16.530 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.0	91.6
98	47.5	38.6	57.8

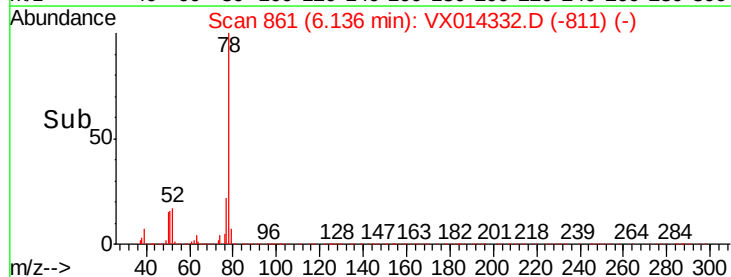
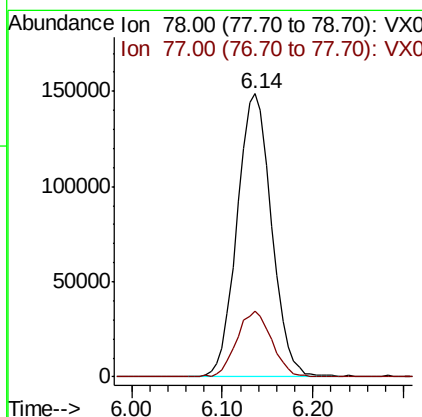
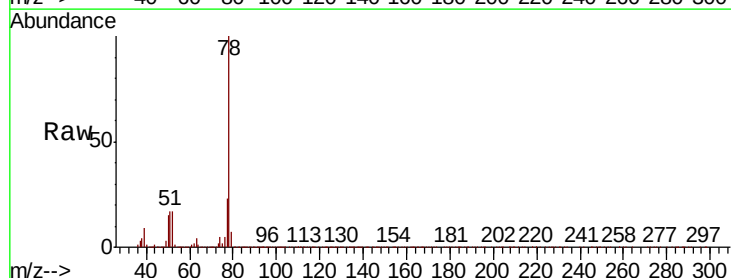
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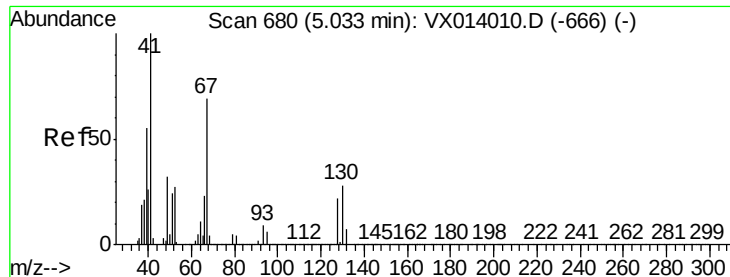
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#40
Benzene
Concen: 18.597 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





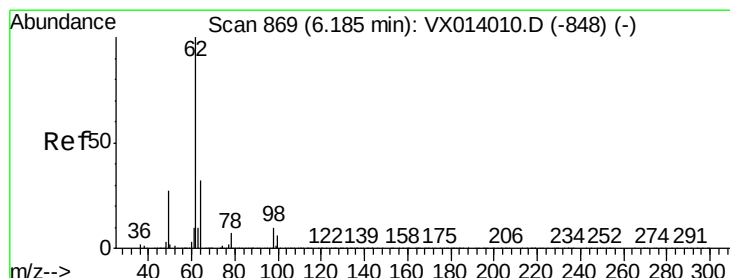
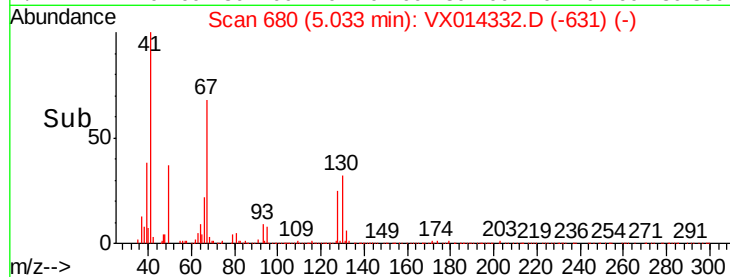
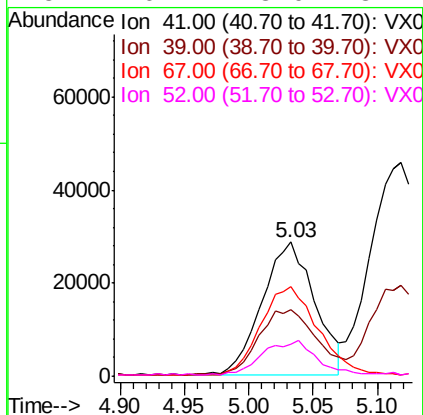
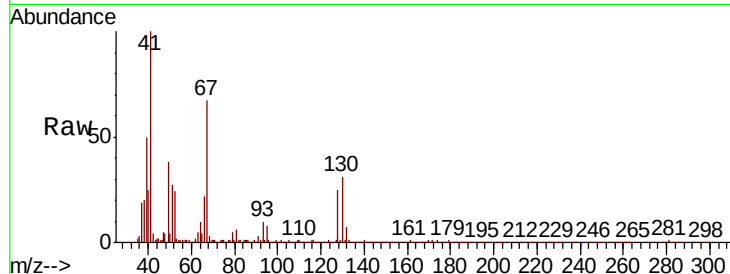
#41
Methacrylonitrile
Concen: 19.442 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	81149		
39	39	53.7		44.5	66.7
67	67	72.8		57.4	86.0
52	52	26.1		23.0	34.4

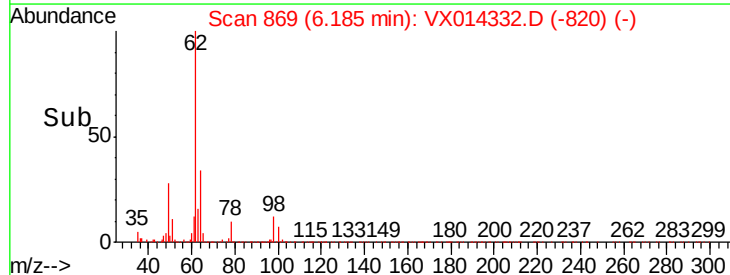
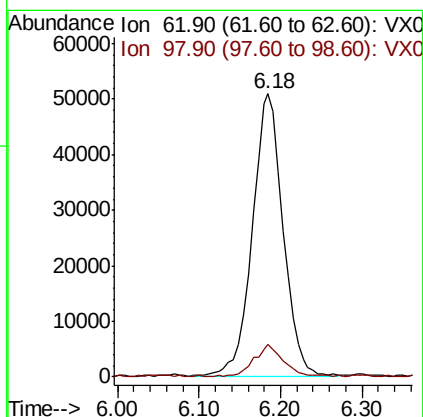
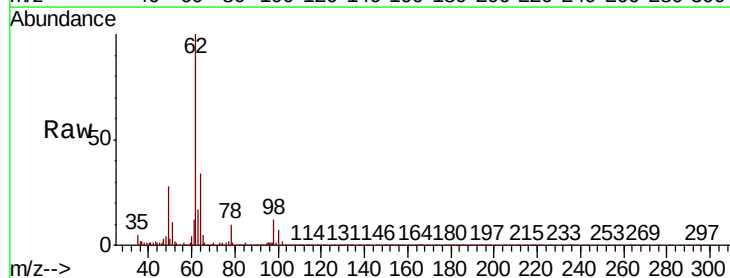
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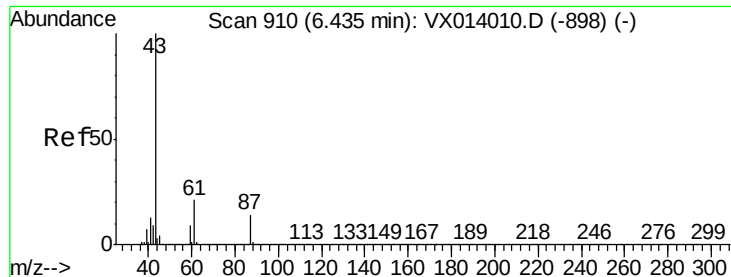
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#42
1,2-Dichloroethane
Concen: 19.006 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	135040		
98	98	10.4		0.0	21.0





#43

Isopropyl Acetate

Concen: 19.474 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

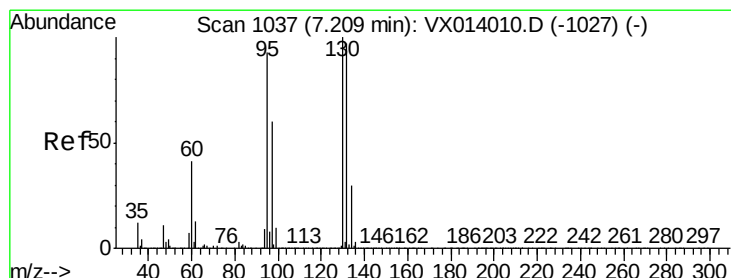
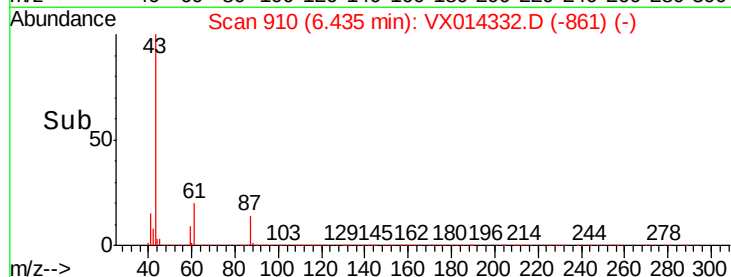
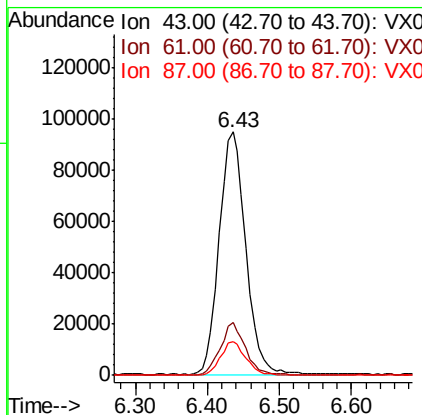
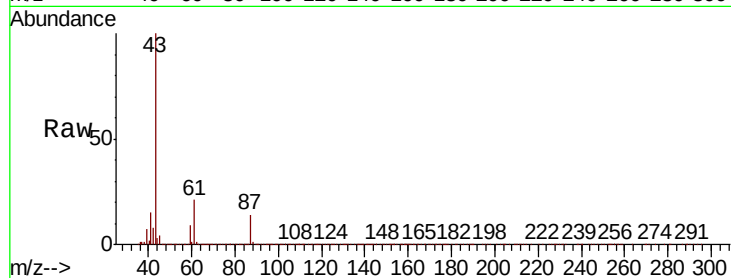
ClientSampleId :

VX1227WBS02

Tot Ion:	43	Resp:	242444
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.4	24.6
87	13.2	10.7	16.1

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#44

Trichloroethene

Concen: 19.712 ug/l

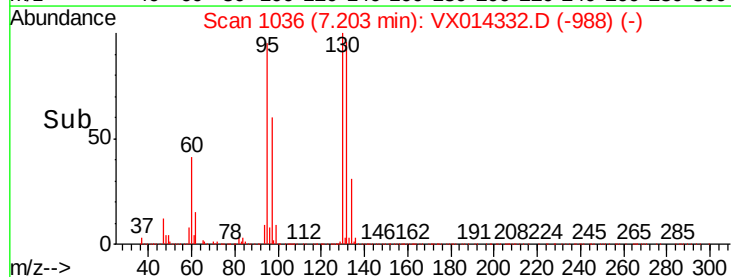
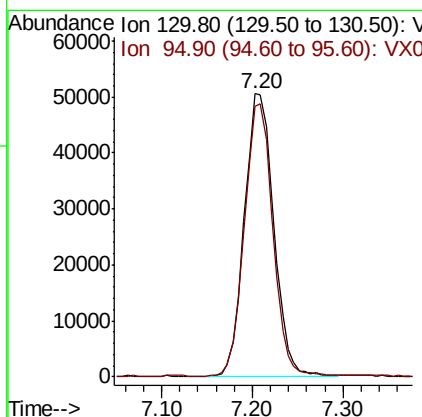
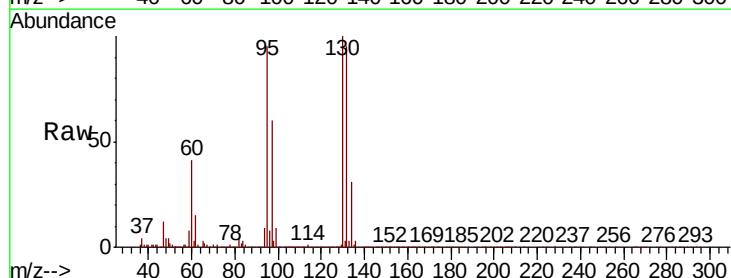
RT: 7.20 min Scan# 1036

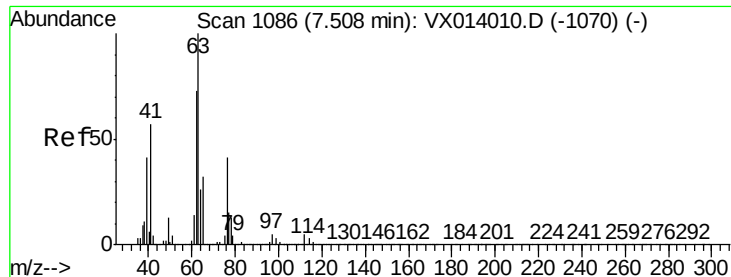
Delta R.T. -0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion:	130	Resp:	114121
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	185.6





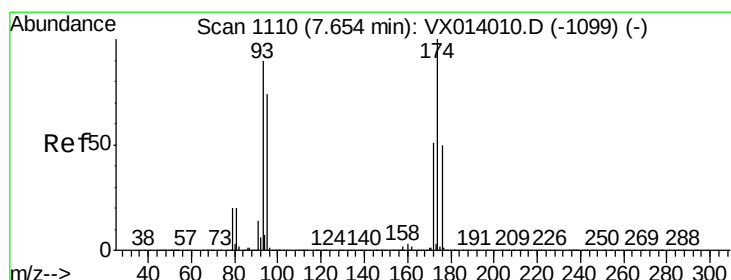
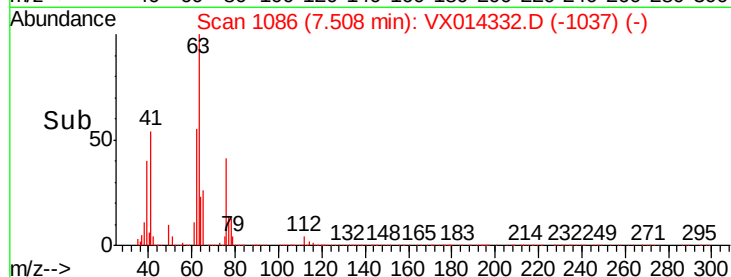
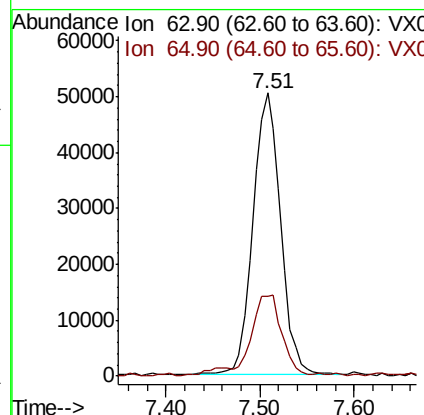
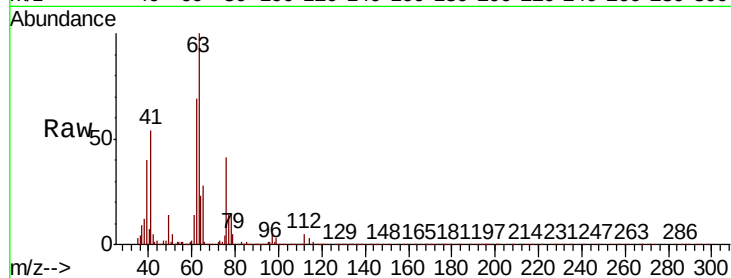
#45
 1,2-Dichloropropane
 Concen: 19.388 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.9	25.8	38.8

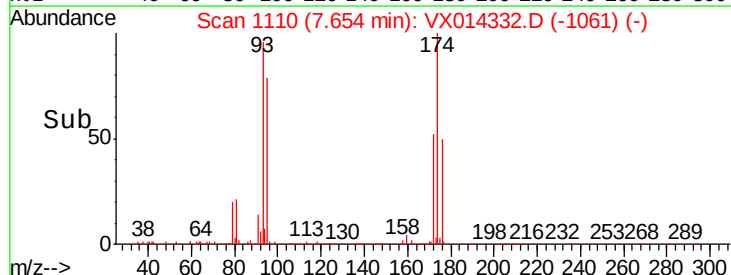
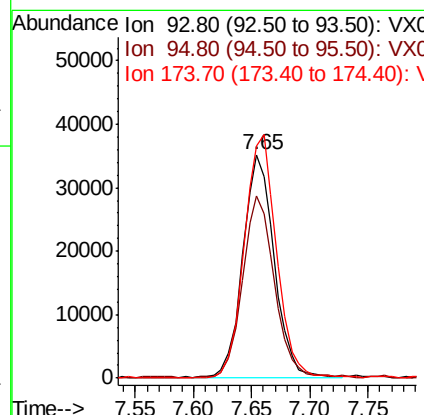
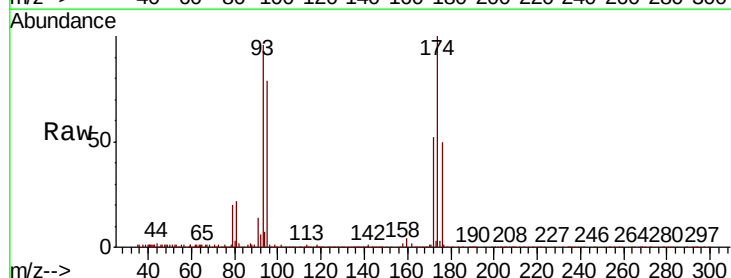
Manual Integrations
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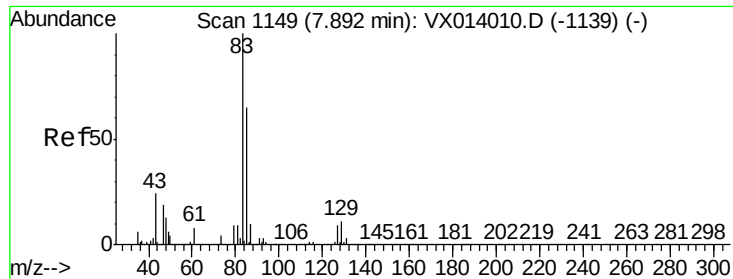
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#46
 Dibromomethane
 Concen: 18.580 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.3	100.9
174	112.9	91.6	137.4





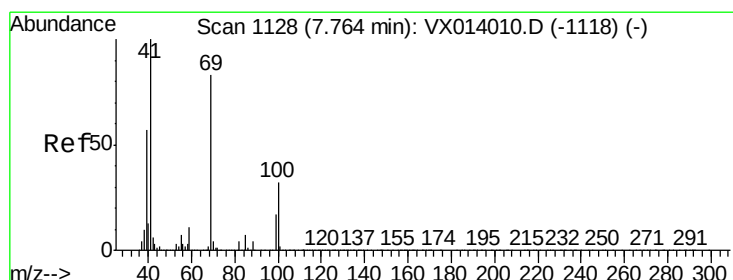
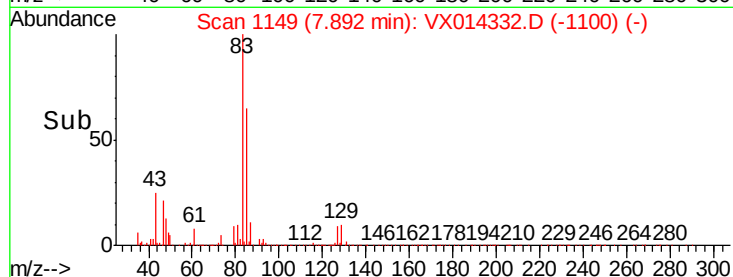
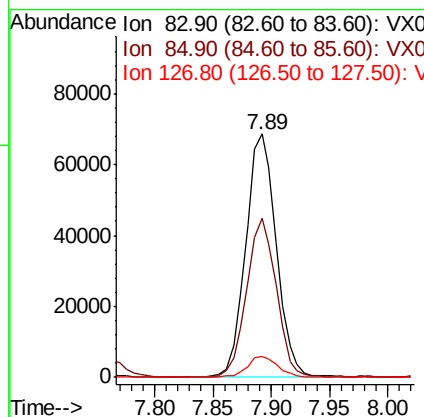
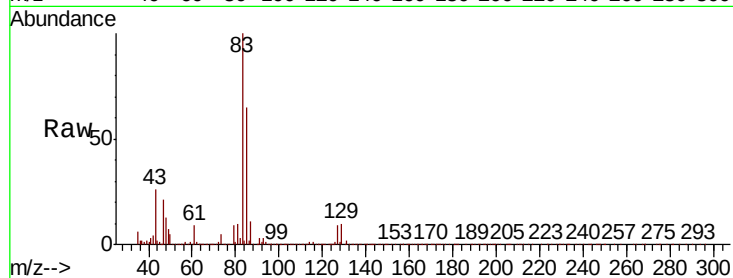
#47
Bromodichloromethane
Concen: 18.750 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	125425		
85	65.4	51.8	77.8	
127	8.5	7.0	10.4	

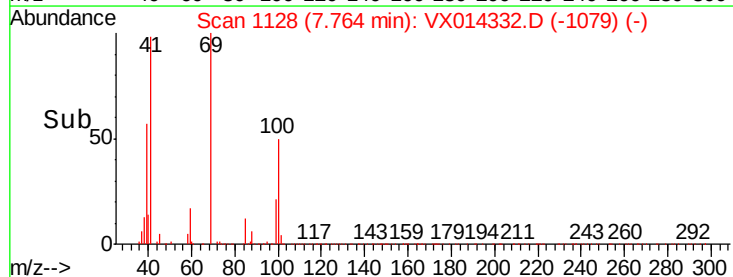
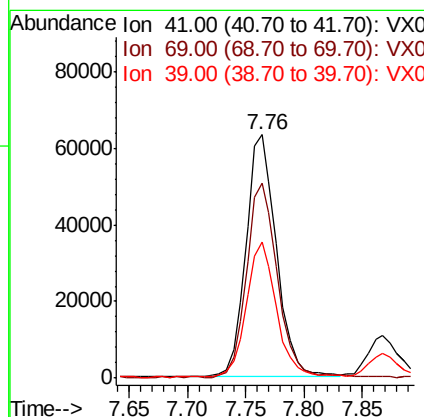
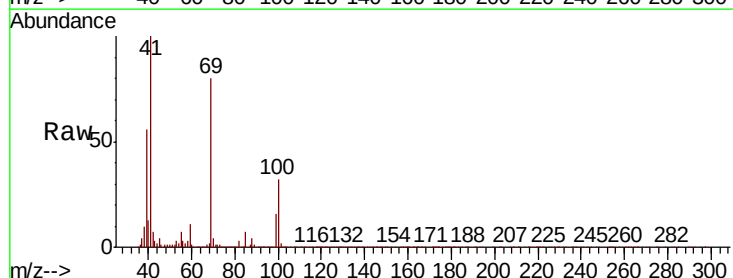
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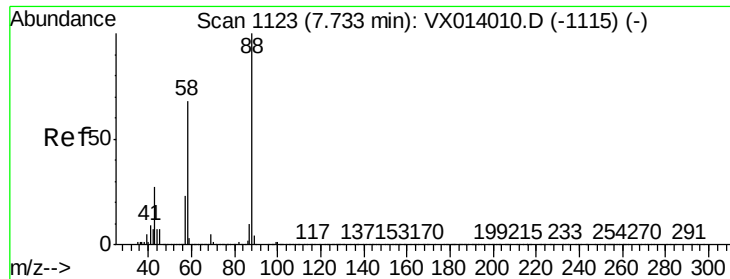
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#48
Methyl methacrylate
Concen: 18.993 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	115784		
69	81.7	65.8	98.6	
39	54.4	44.6	67.0	





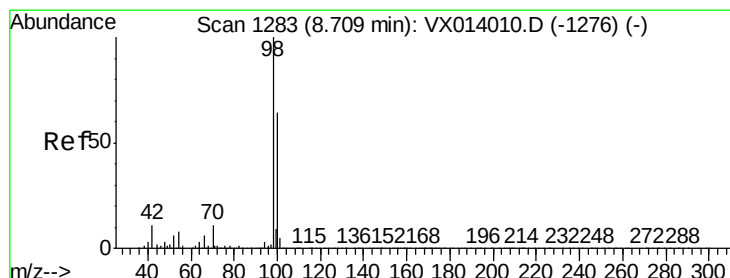
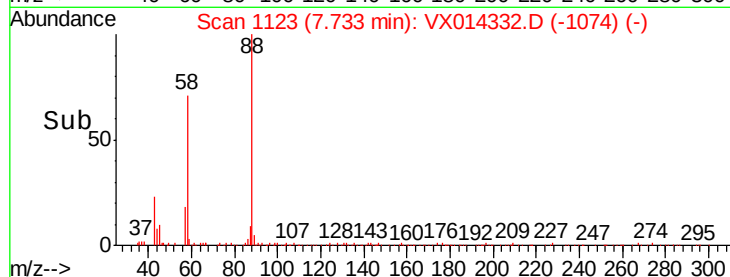
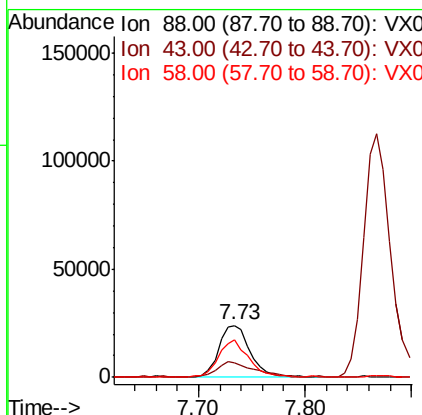
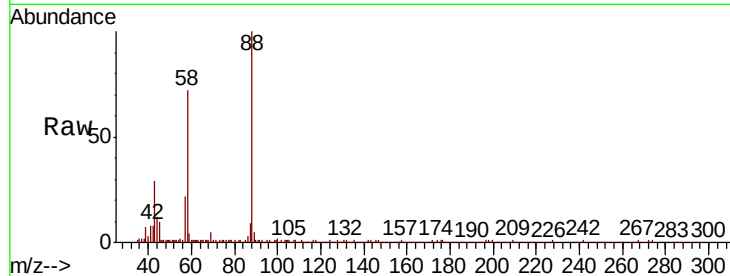
#49
1,4-Dioxane
Concen: 388.140 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.9	26.5	39.7
58	70.0	56.8	85.2

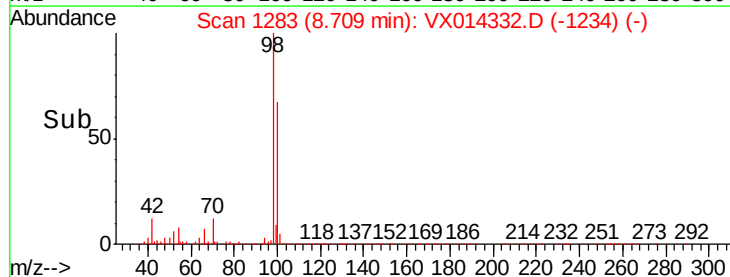
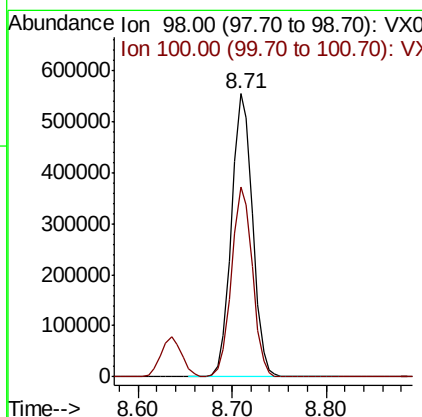
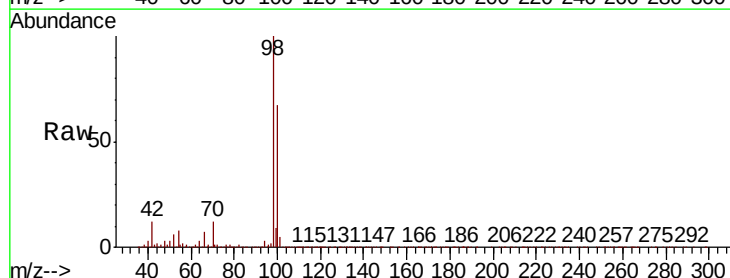
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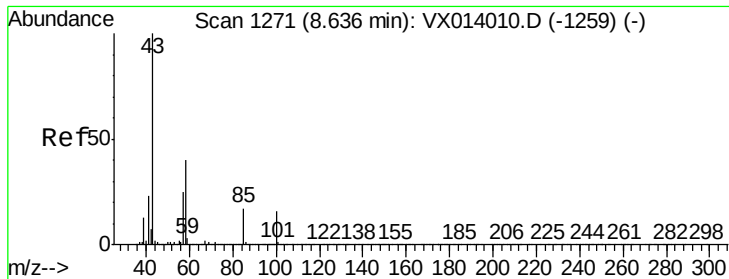
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#50
Toluene-d8
Concen: 48.852 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 98.966 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tot Ion: 43 Resp: 773764

Ion Ratio Lower Upper

43 100

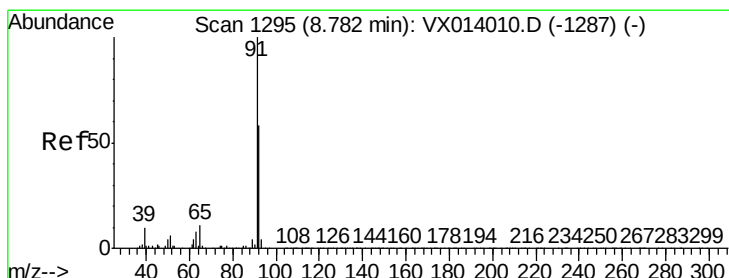
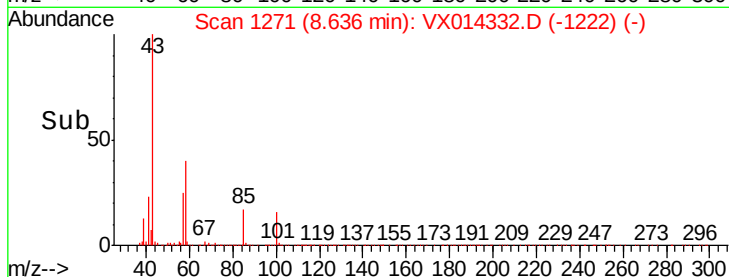
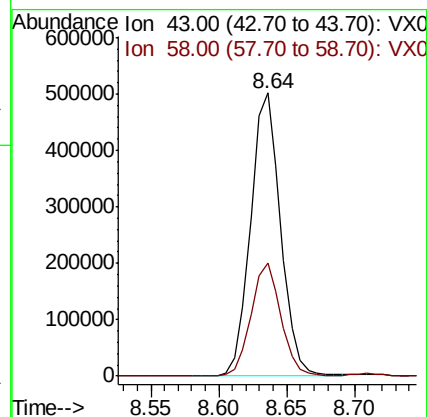
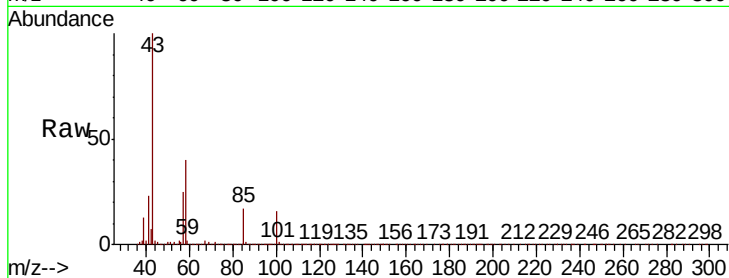
58 39.9 32.2 48.2

Manual Integrations

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#52

Toluene

Concen: 18.107 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014332.D

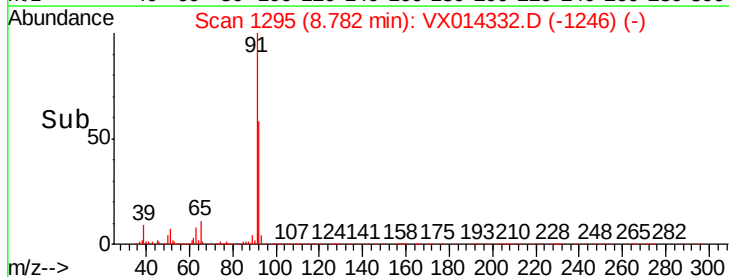
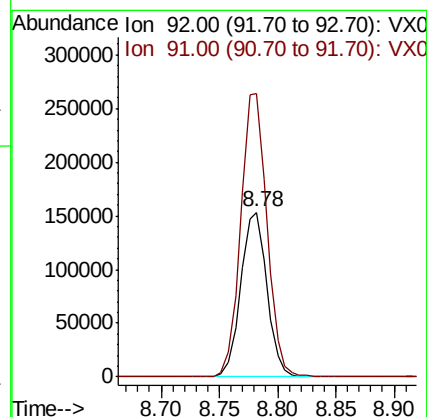
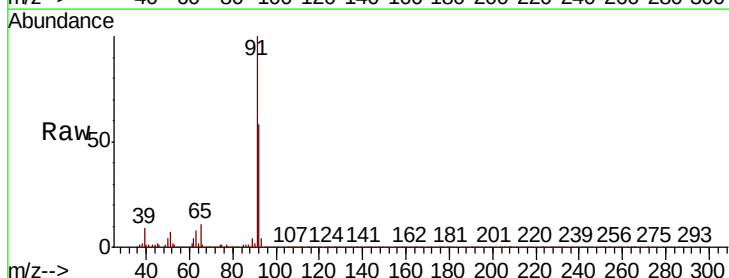
Acq: 28 Dec 2019 01:27

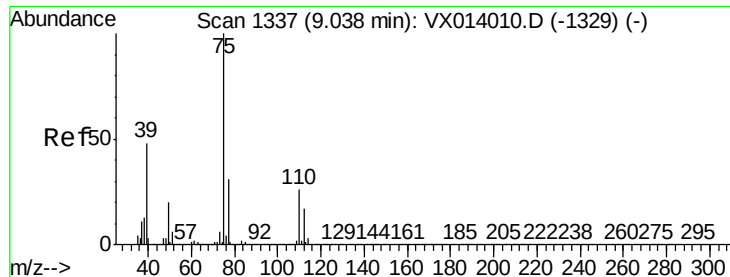
Tgt Ion: 92 Resp: 239884

Ion Ratio Lower Upper

92 100

91 173.1 136.2 204.4





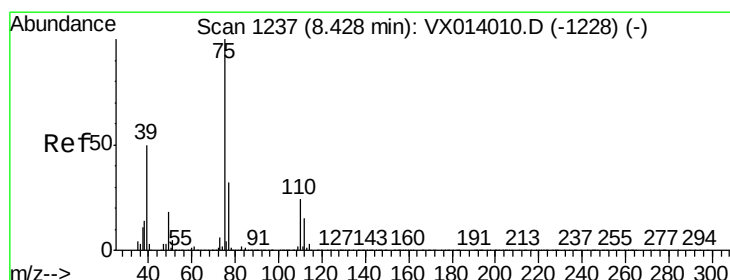
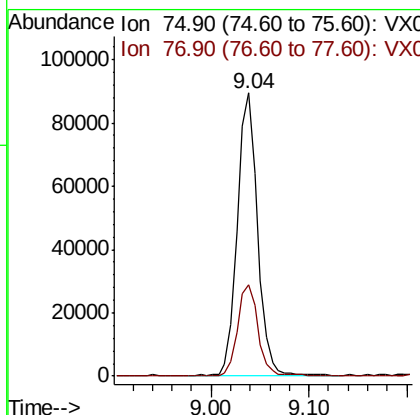
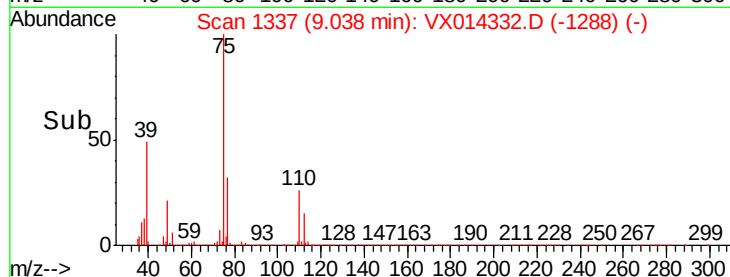
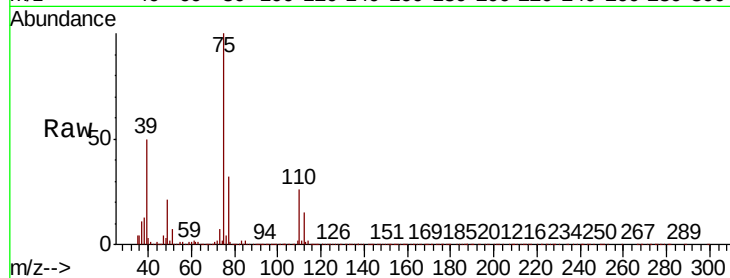
#53
t-1,3-Dichloropropene
Concen: 17.500 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7

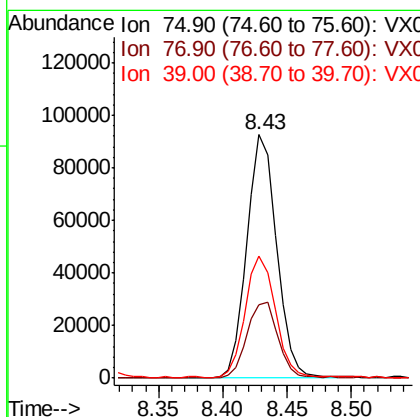
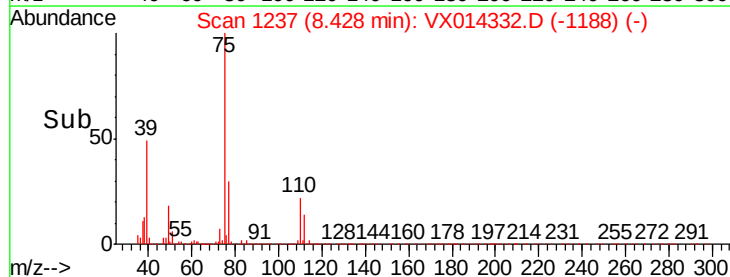
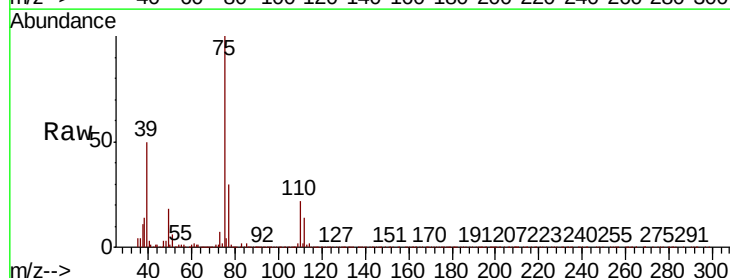
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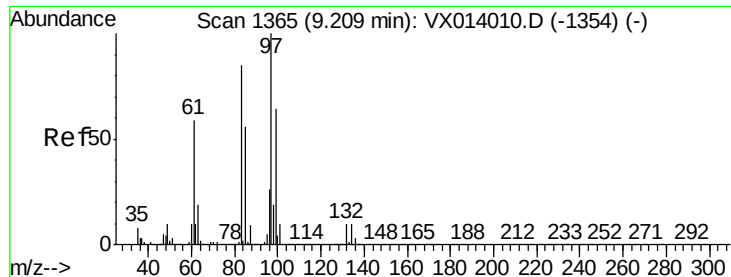
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#54
cis-1,3-Dichloropropene
Concen: 18.140 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.3	37.9
39	49.6	39.9	59.9





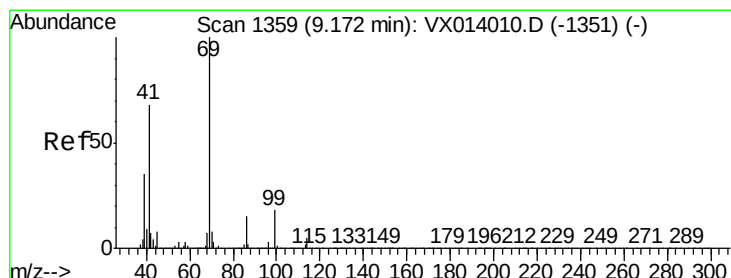
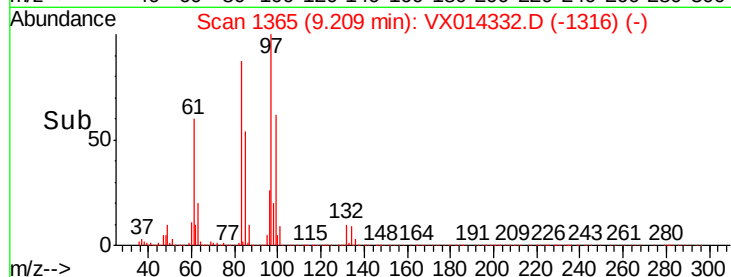
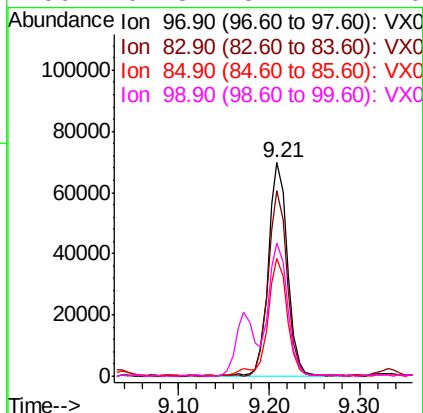
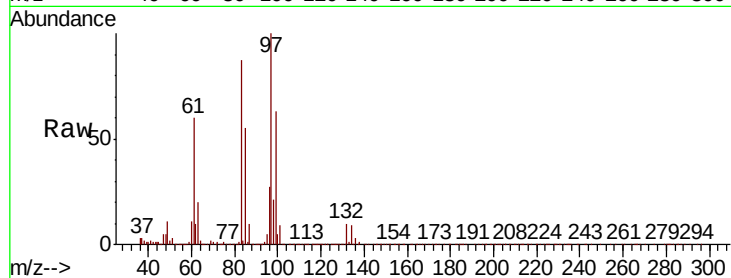
#55
 1,1,2-Trichloroethane
 Concen: 19.313 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		102547		
83	86.7	68.2	102.4		
85	54.5	44.6	66.8		
99	62.3	51.4	77.0		

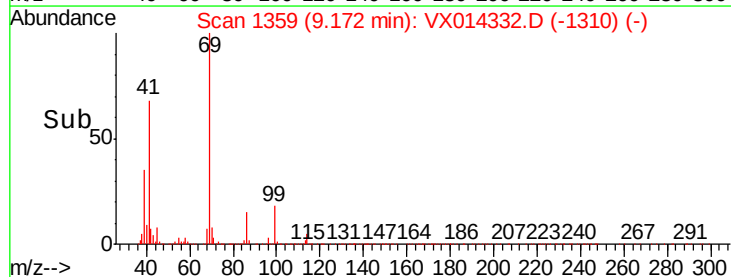
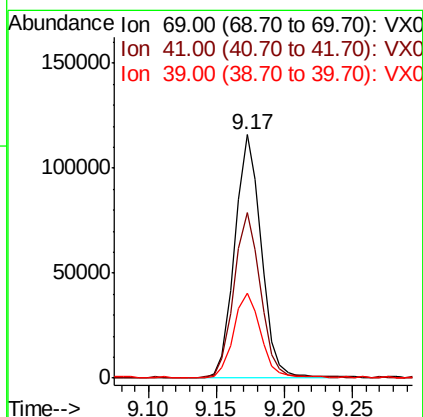
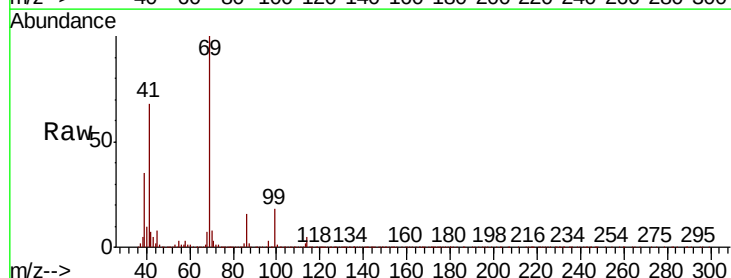
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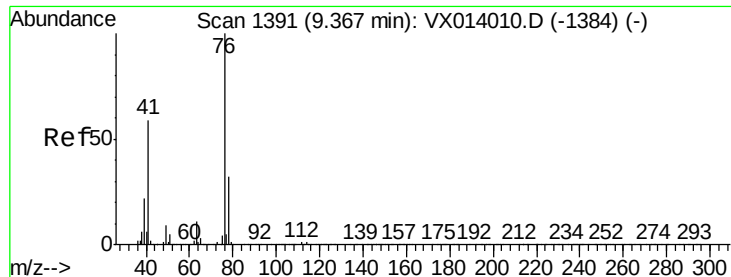
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#56
 Ethyl methacrylate
 Concen: 18.859 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		157302		
41	68.4	54.8	82.2		
39	35.5	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.308 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tot Ion: 76 Resp: 172491

Ion Ratio Lower Upper

76 100

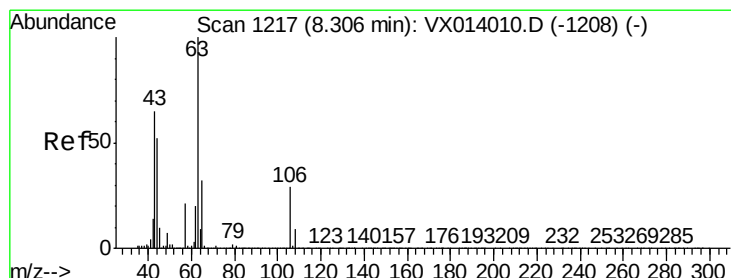
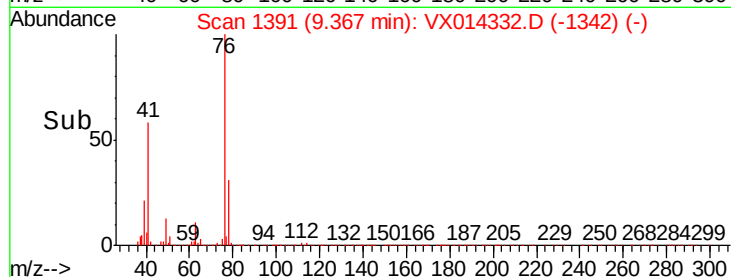
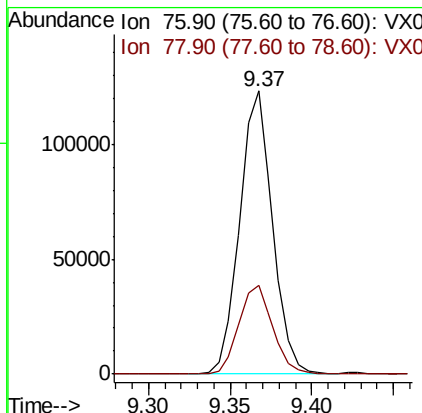
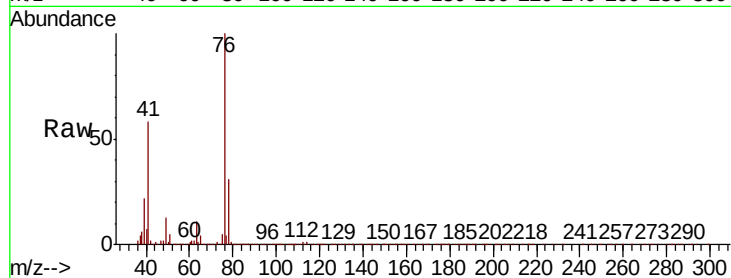
78 32.4 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 97.977 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014332.D

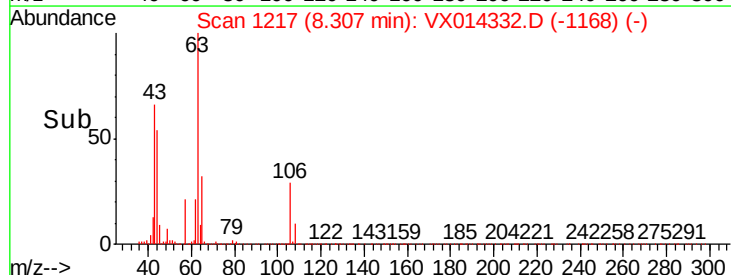
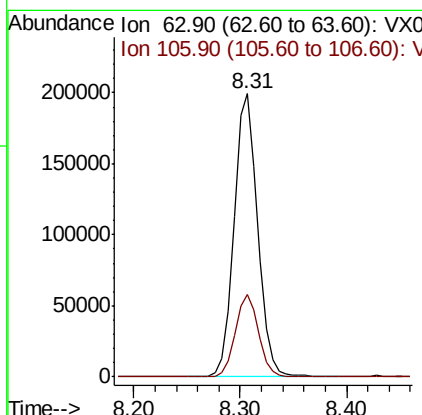
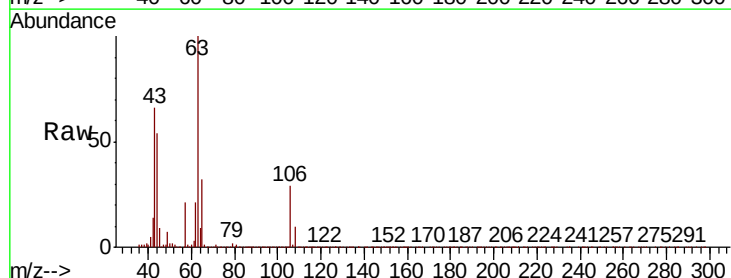
Acq: 28 Dec 2019 01:27

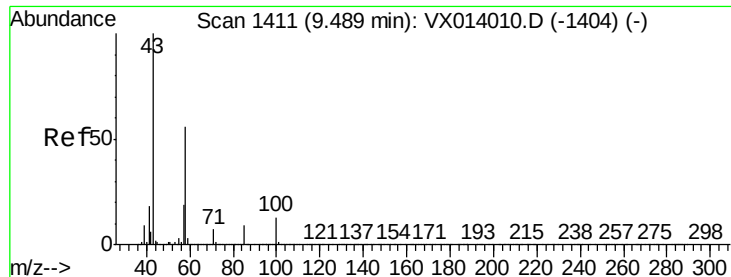
Tgt Ion: 63 Resp: 309260

Ion Ratio Lower Upper

63 100

106 28.6 23.0 34.6





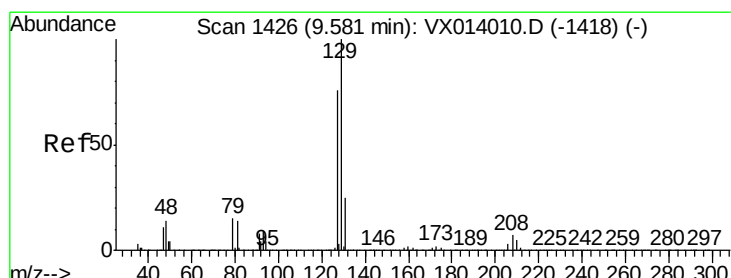
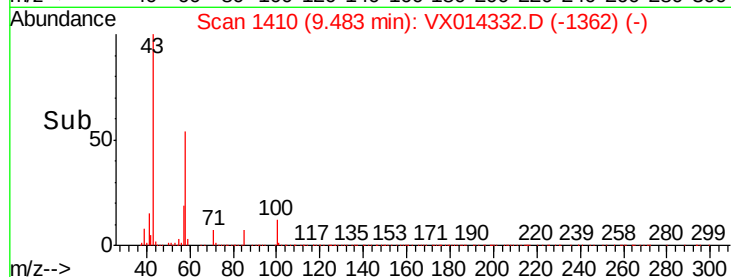
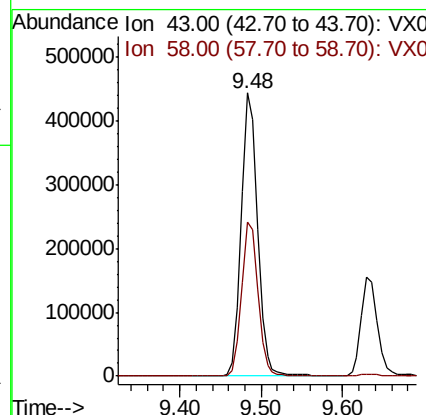
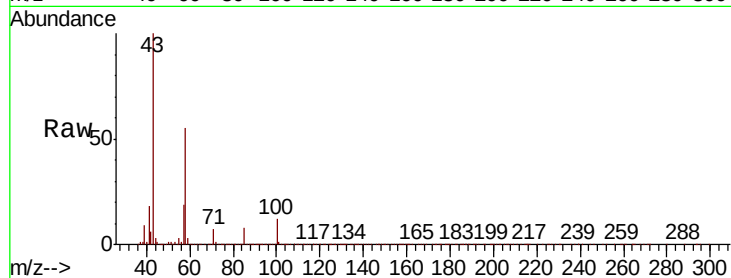
#59
2-Hexanone
Concen: 96.351 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion: 43 Resp: 606424
Ion Ratio Lower Upper
43 100
58 55.1 28.0 84.0

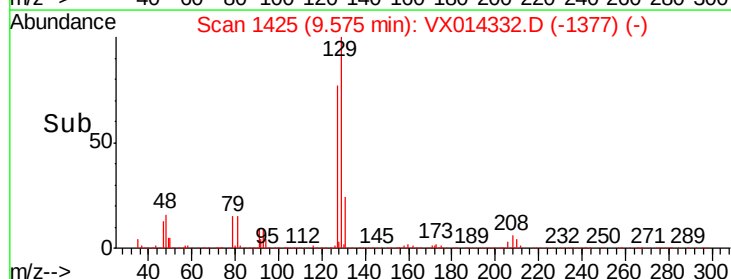
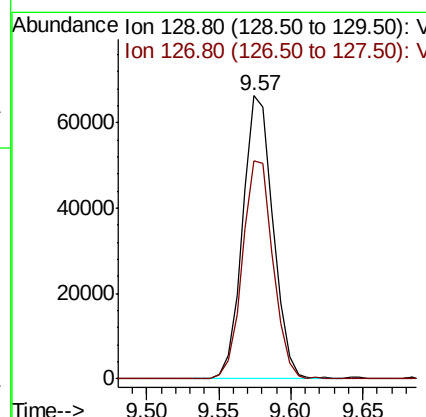
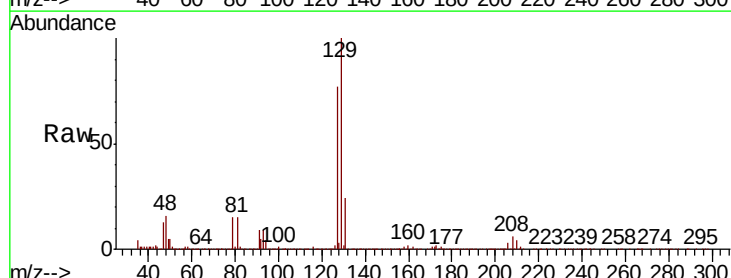
Manual Integrations
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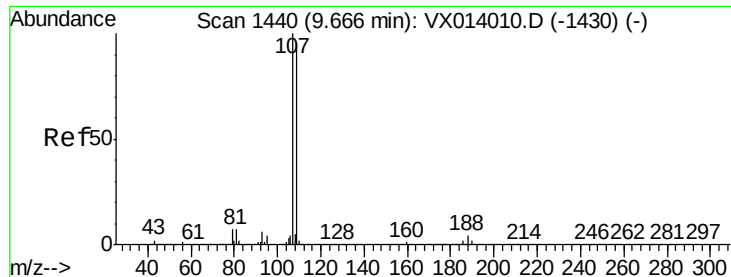
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#60
Dibromochloromethane
Concen: 18.292 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion: 129 Resp: 96544
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.217 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tot Ion: 107 Resp: 104401

Ion Ratio Lower Upper

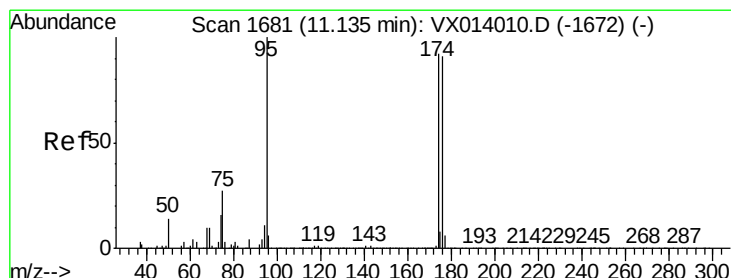
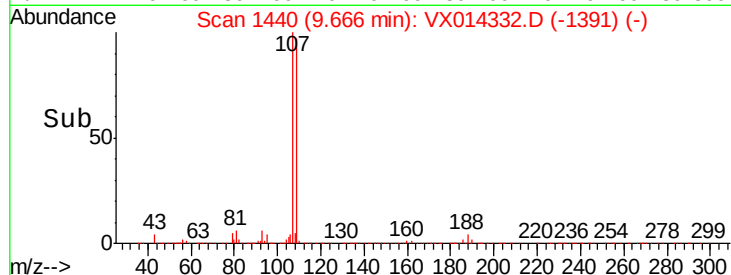
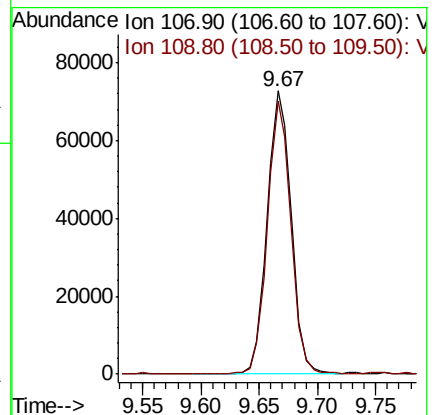
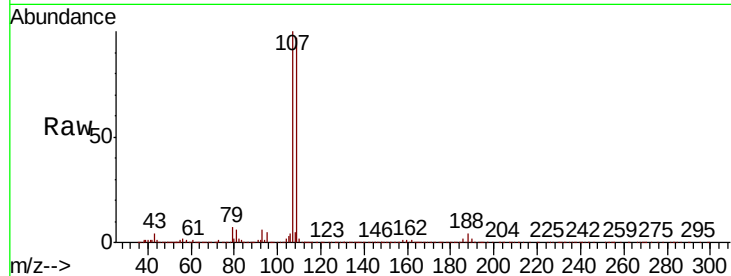
107 100

109 95.0 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 47.237 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

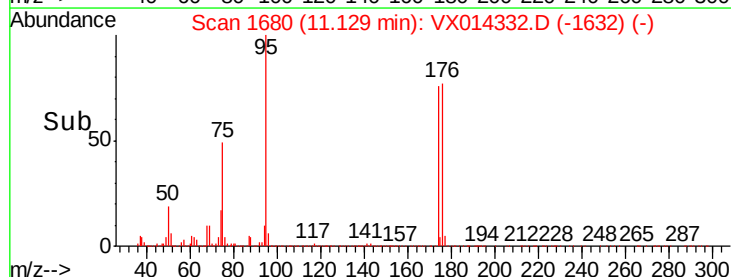
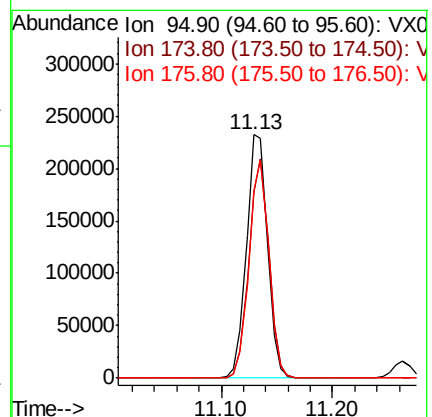
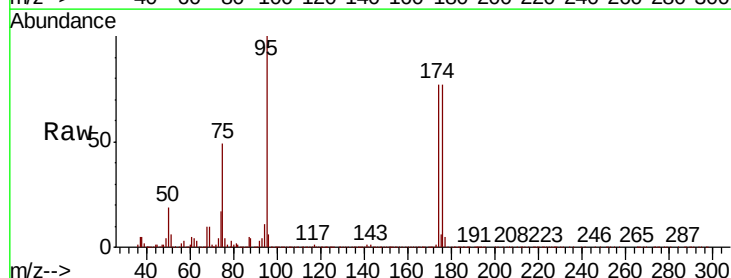
Tgt Ion: 95 Resp: 303395

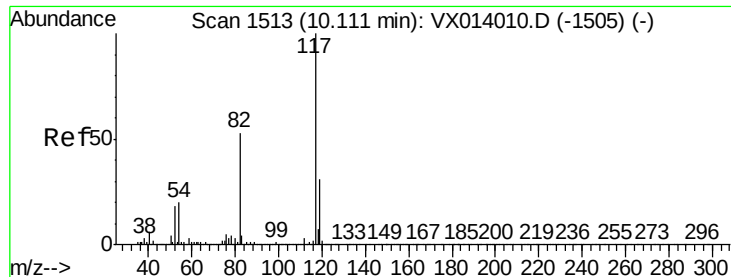
Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.8

176 84.9 0.0 173.0





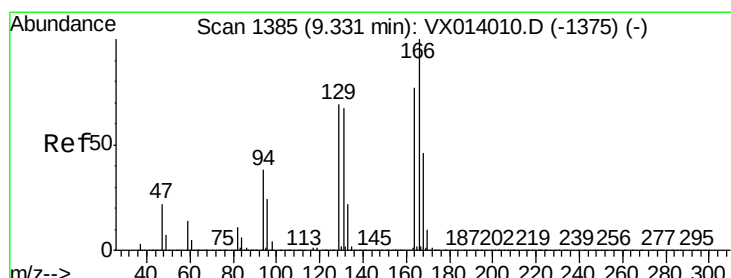
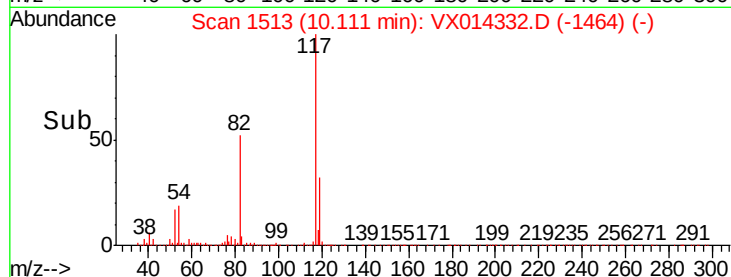
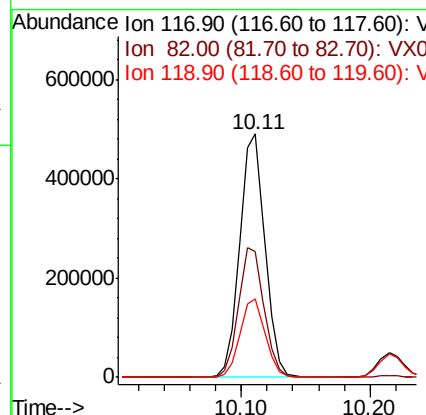
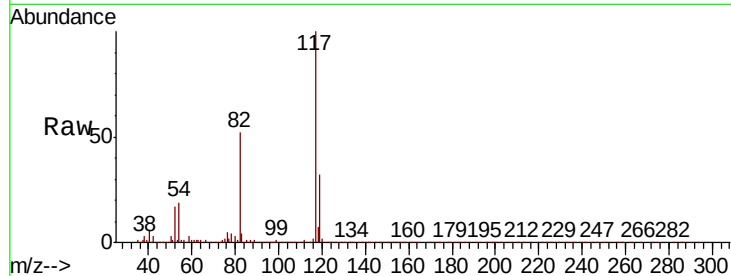
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.4
119	32.1	25.1	37.7

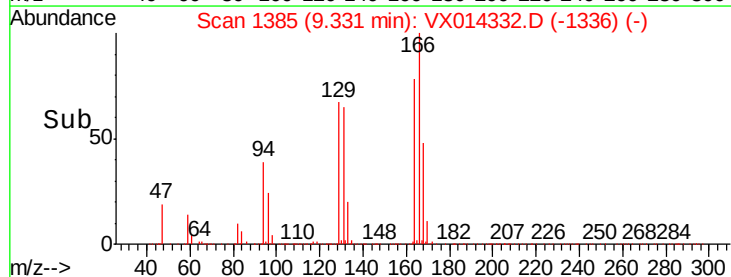
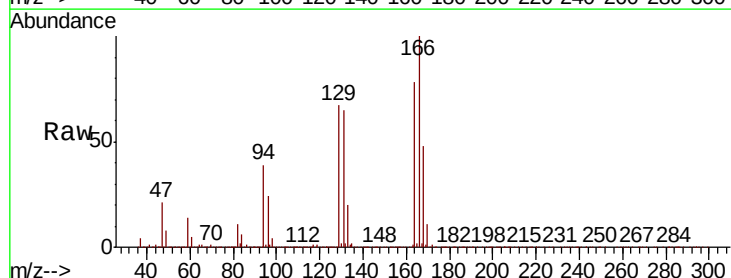
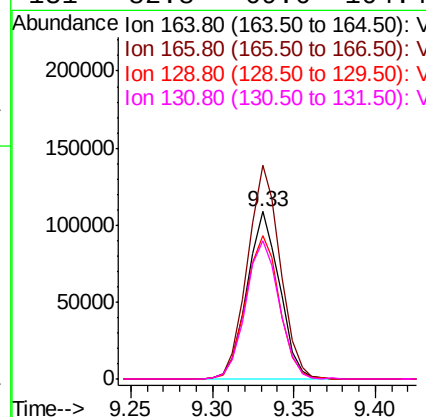
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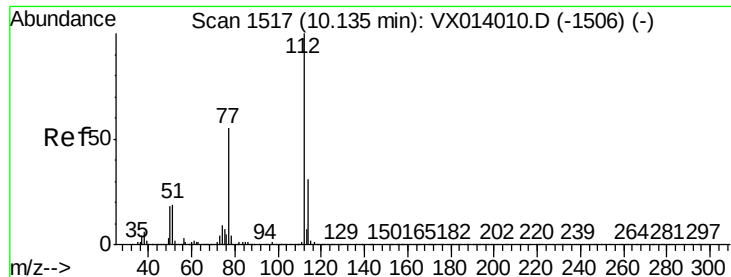
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#64
Tetrachloroethene
Concen: 25.526 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	104.0	156.0
129	85.3	72.2	108.4
131	82.8	69.6	104.4





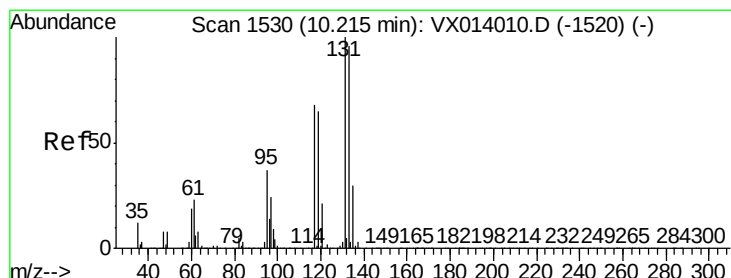
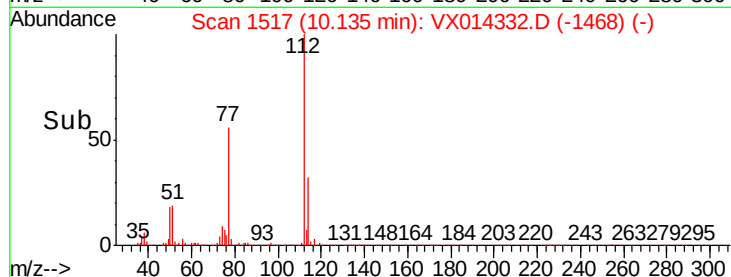
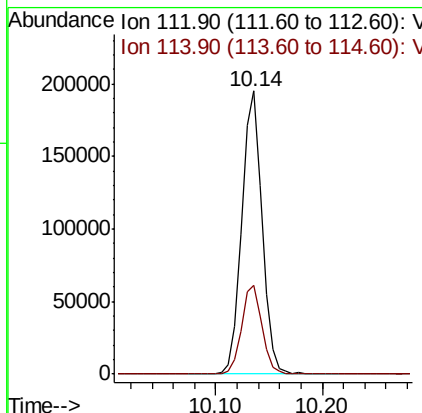
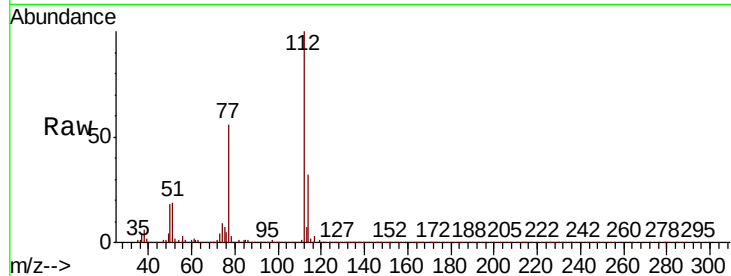
#65
Chlorobenzene
Concen: 18.373 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	24.9	37.3

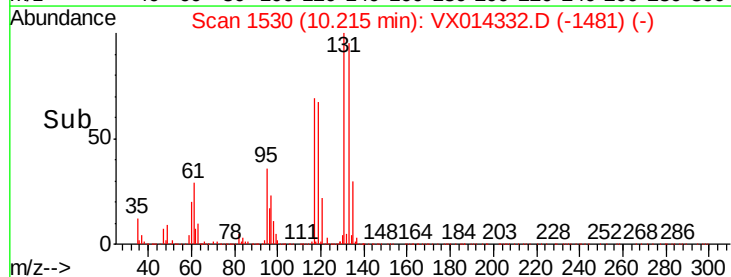
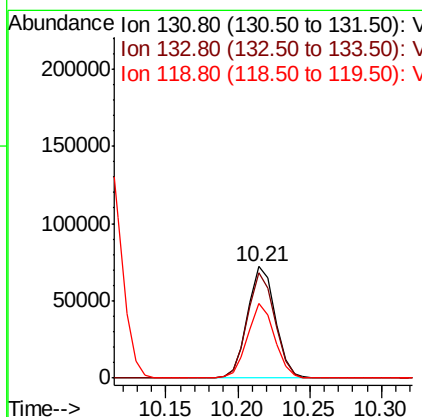
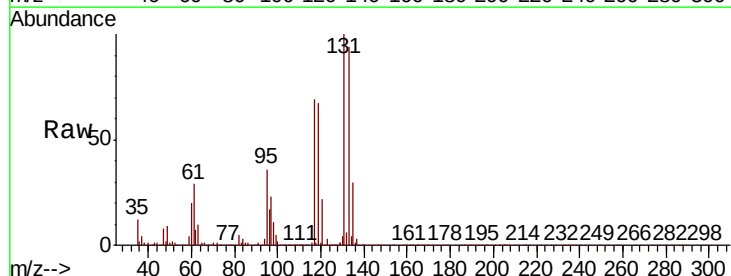
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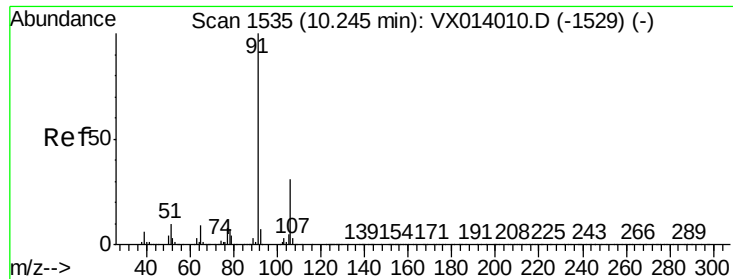
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.929 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.5	48.0	144.0
119	65.9	33.4	100.2





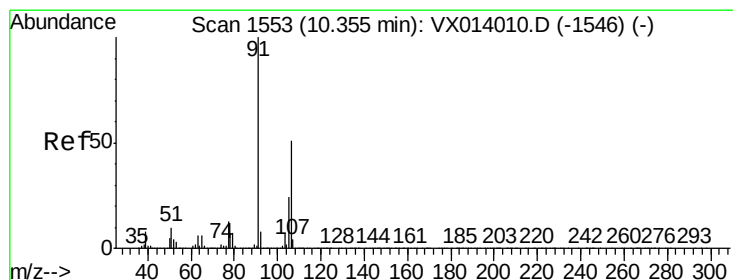
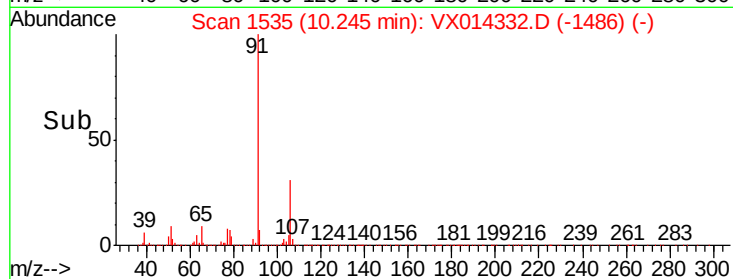
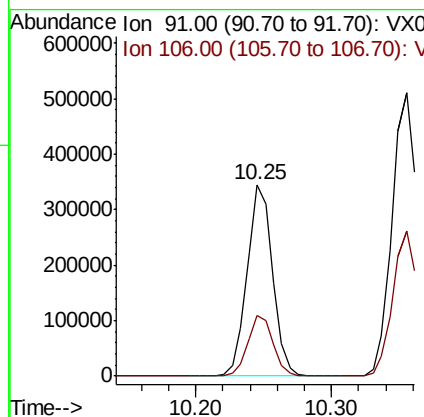
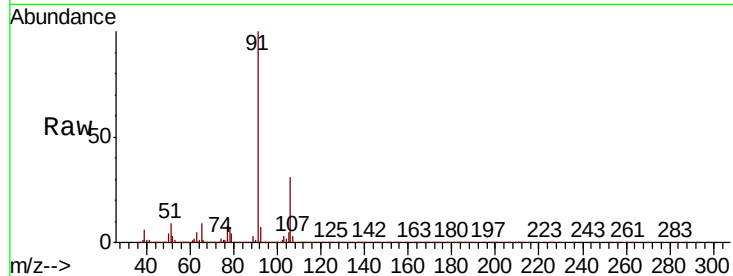
#67
Ethyl Benzene
Concen: 18.447 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion: 91 Resp: 450898
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

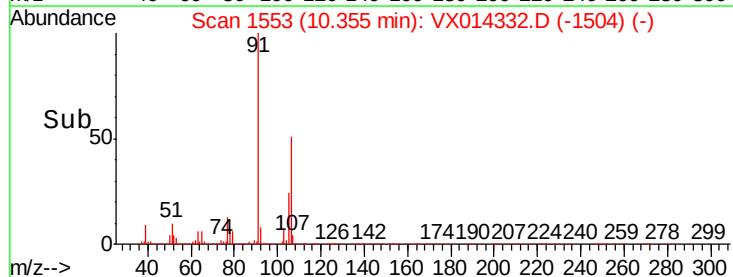
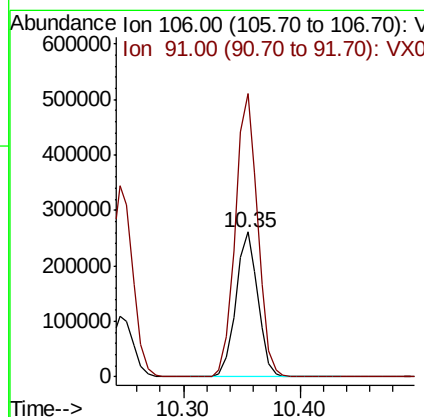
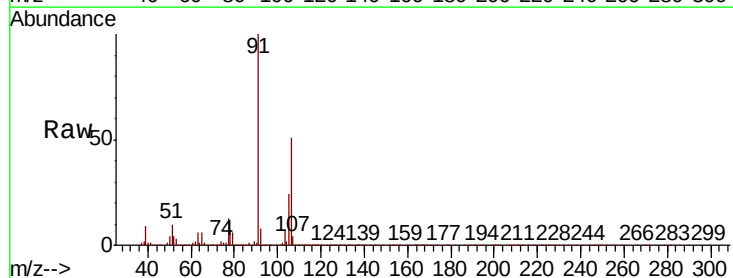
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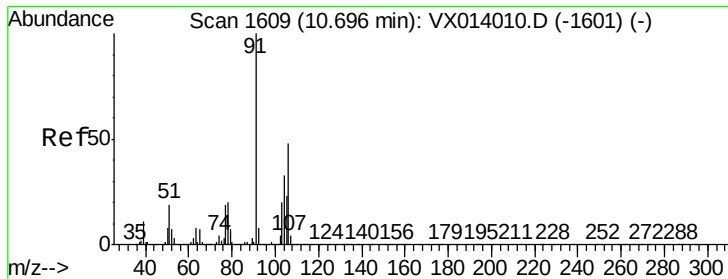
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#68
m/p-Xylenes
Concen: 36.487 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion: 106 Resp: 343012
Ion Ratio Lower Upper
106 100
91 199.3 158.6 238.0





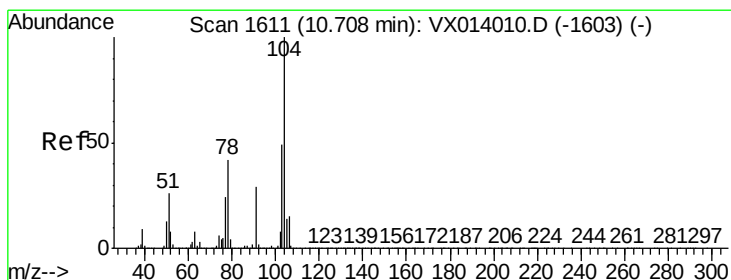
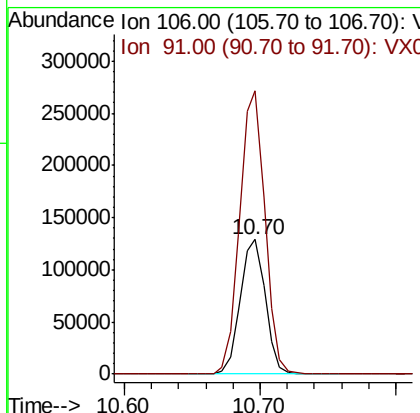
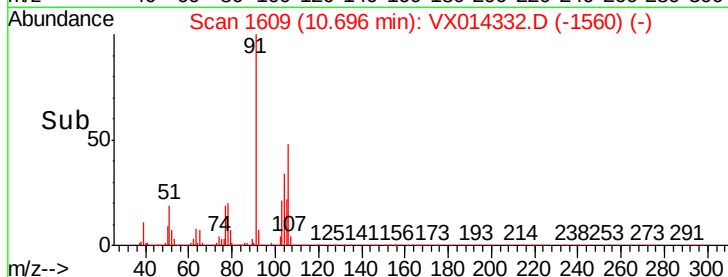
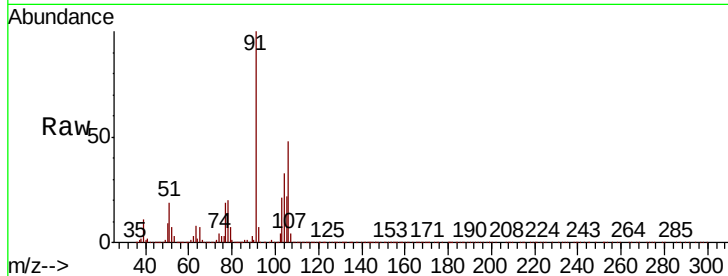
#69
o-Xylene
Concen: 18.077 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.0	104.2	312.6

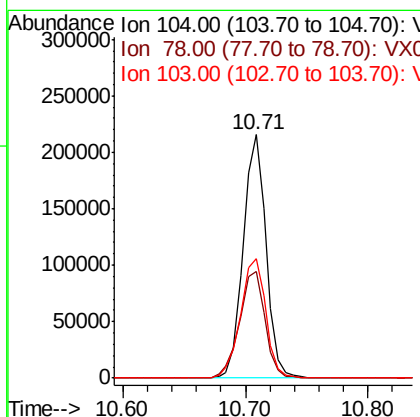
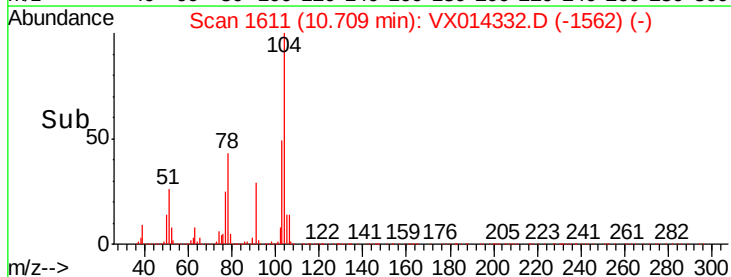
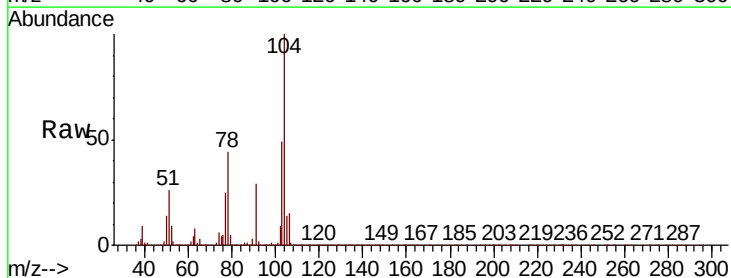
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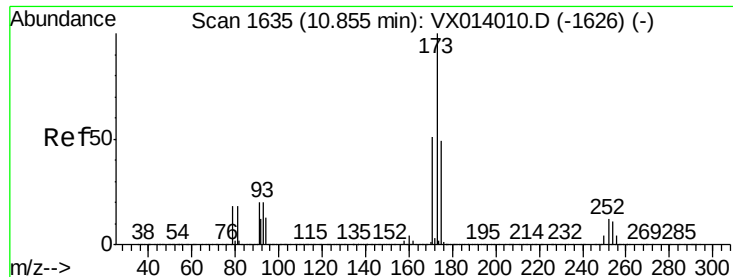
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#70
Styrene
Concen: 17.790 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.5	57.7
103	54.6	42.9	64.3





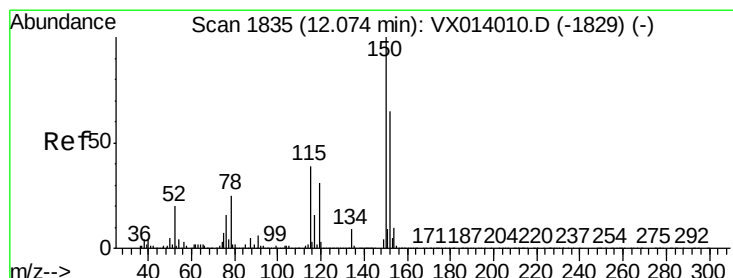
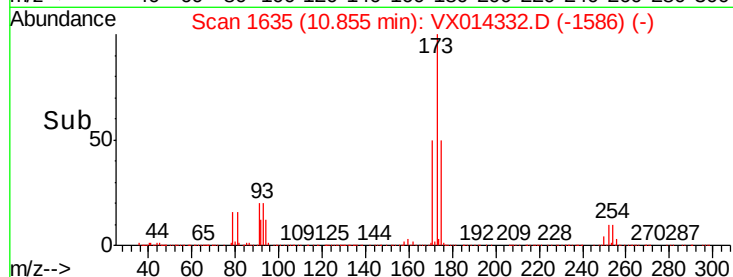
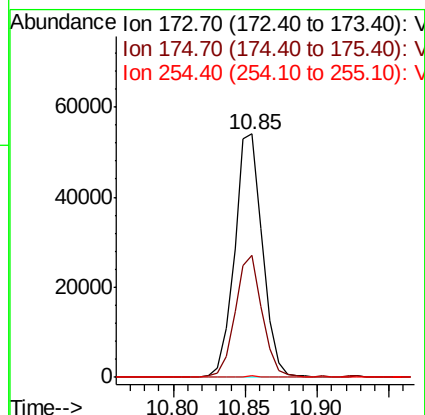
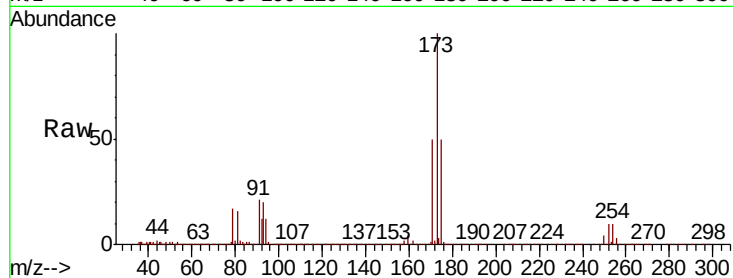
#71
Bromoform
Concen: 17.767 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.4	73.4
254	0.4	0.2	0.2#

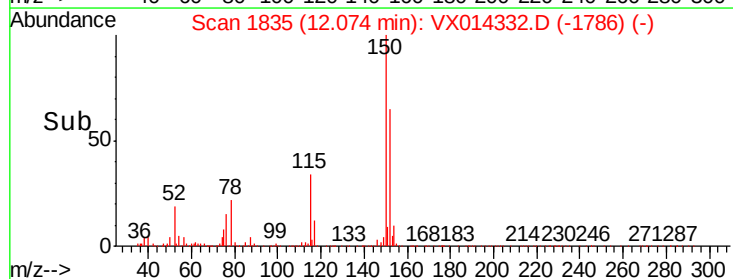
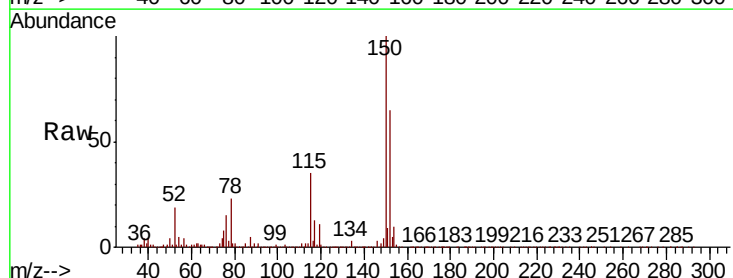
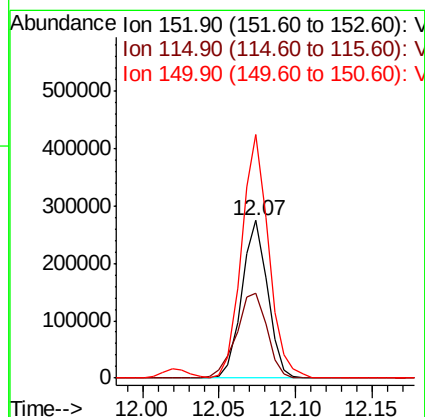
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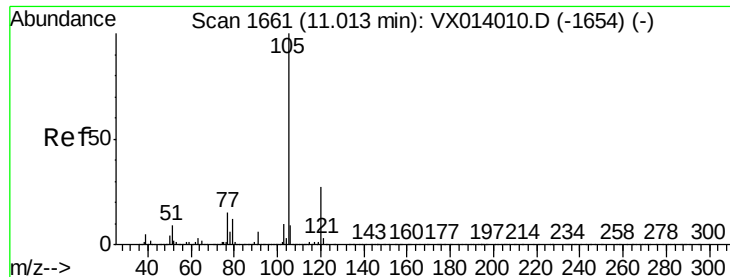
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	38.3	114.9
150	161.8	0.0	345.4





#73

Isopropylbenzene

Concen: 19.829 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tot Ion:105 Resp: 447234

Ion Ratio Lower Upper

105 100

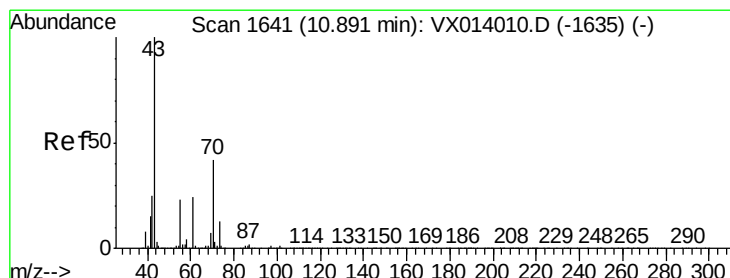
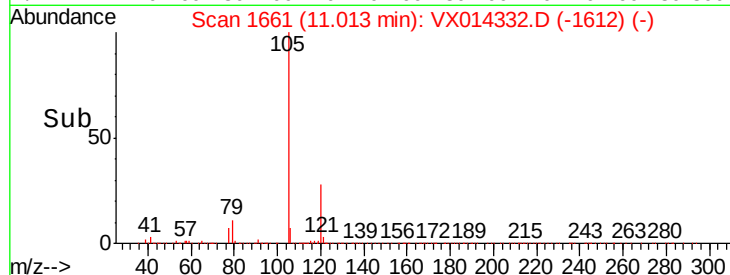
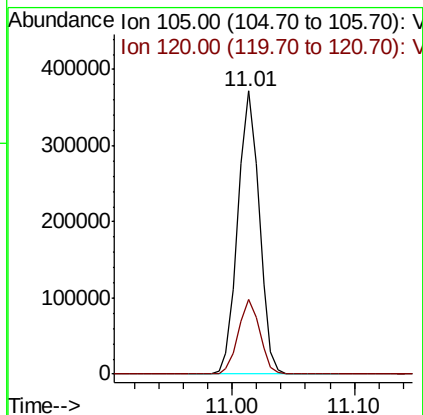
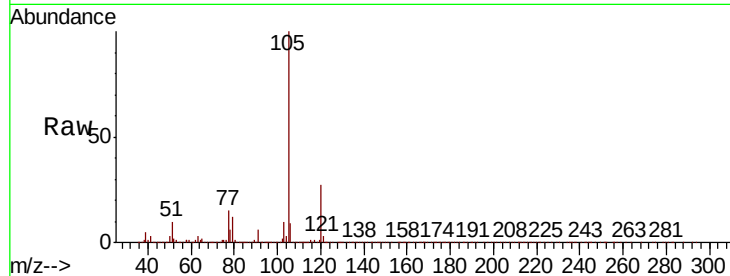
120 26.4 13.5 40.4

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#74

N-ethyl acetate

Concen: 18.855 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion: 43 Resp: 199344

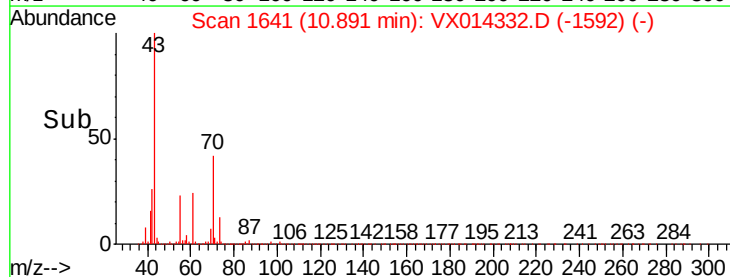
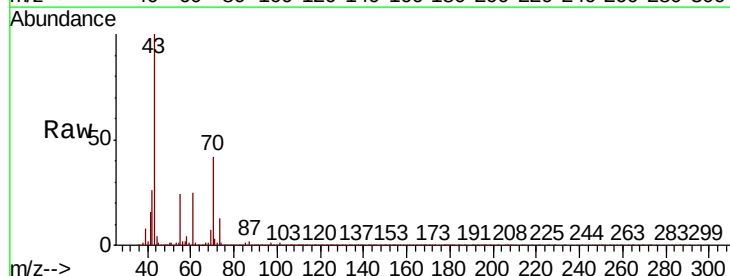
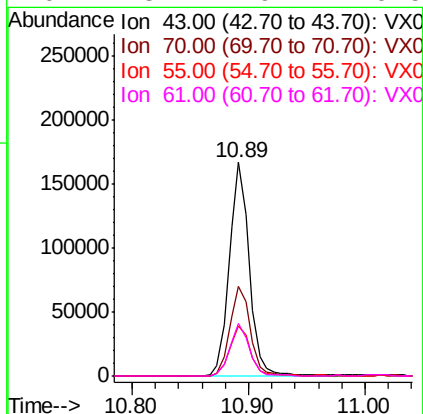
Ion Ratio Lower Upper

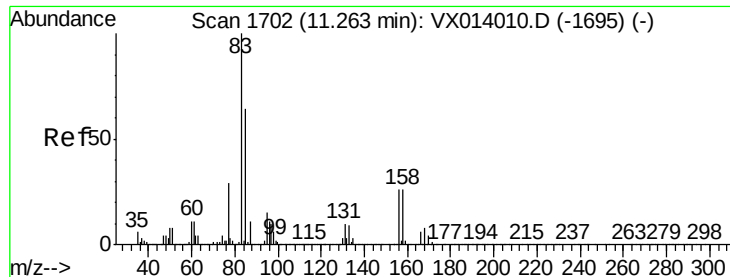
43 100

70 42.9 34.4 51.6

55 24.4 19.1 28.7

61 23.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 16.910 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

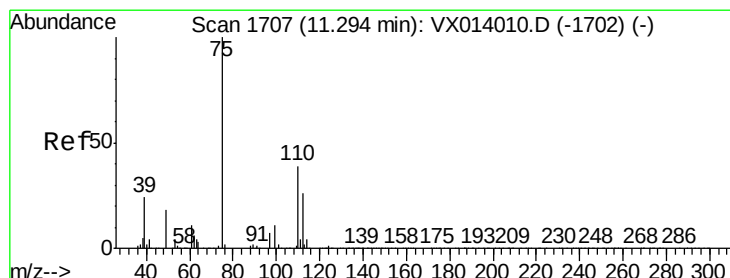
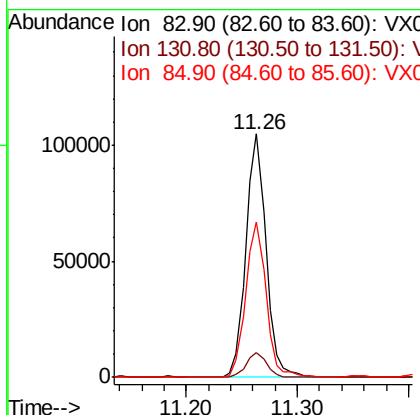
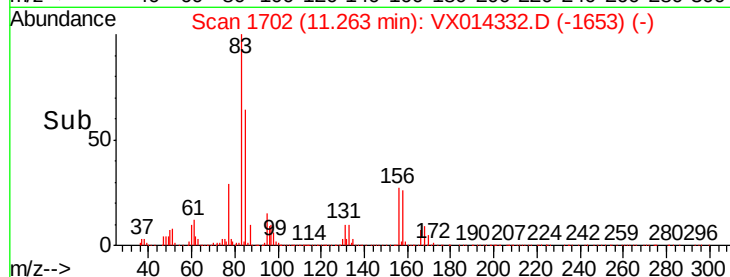
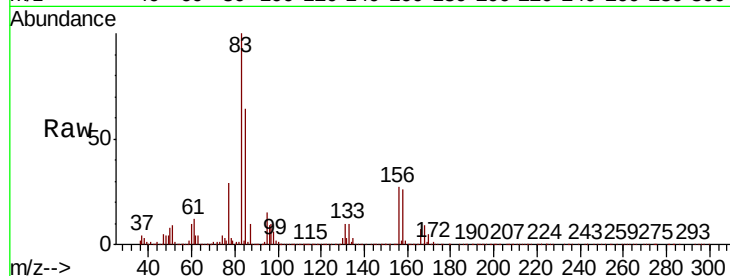
ClientSampleId :

VX1227WBS02

Tot Ion:	83	Resp:	132231
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 18.443 ug/l m

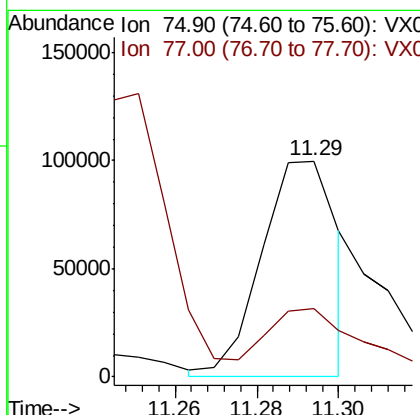
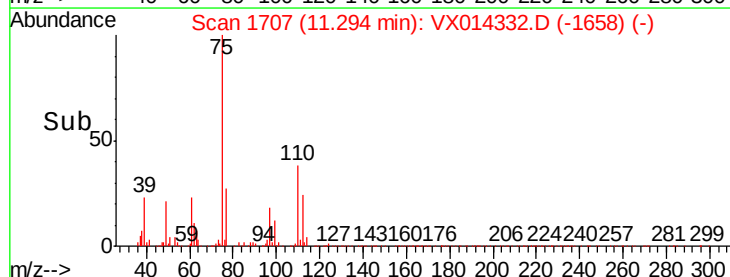
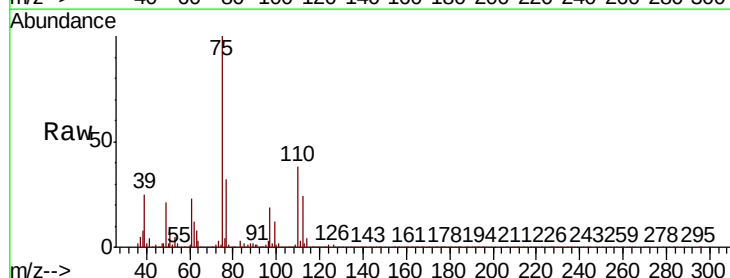
RT: 11.29 min Scan# 1707

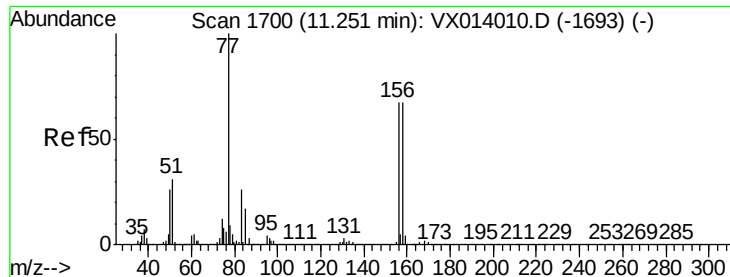
Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion:	75	Resp:	128266
Ion Ratio	Lower	Upper	
75	100		
77	40.3	19.3	57.8





#77

Bromobenzene

Concen: 18.846 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

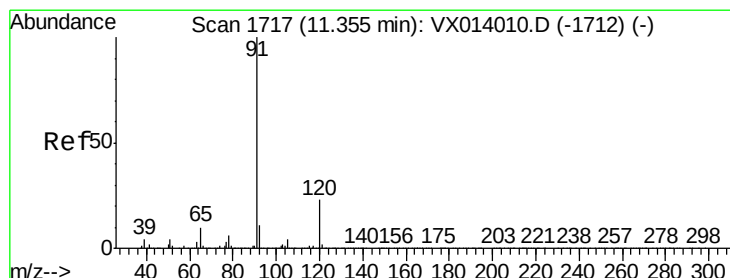
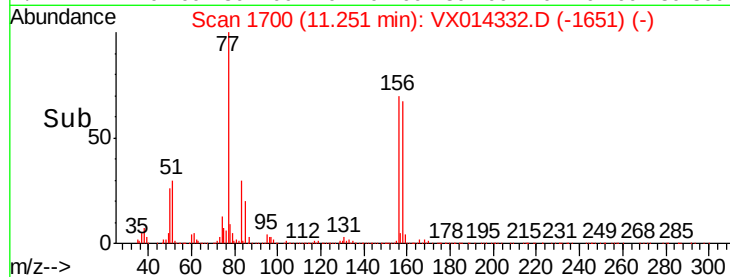
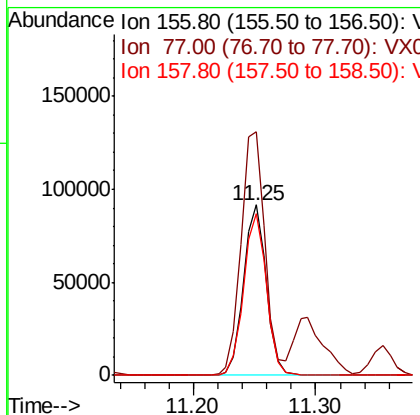
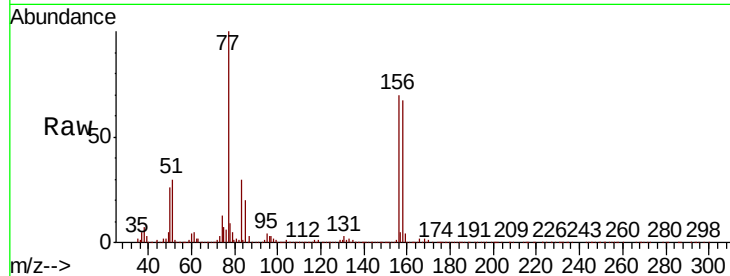
ClientSampleId :

VX1227WBS02

Tot Ion:	156	Resp:	116954
Ion Ratio	Lower	Upper	
156	100		
77	151.8	76.5	229.5
158	95.3	49.3	147.9

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#78

n-propylbenzene

Concen: 19.287 ug/l

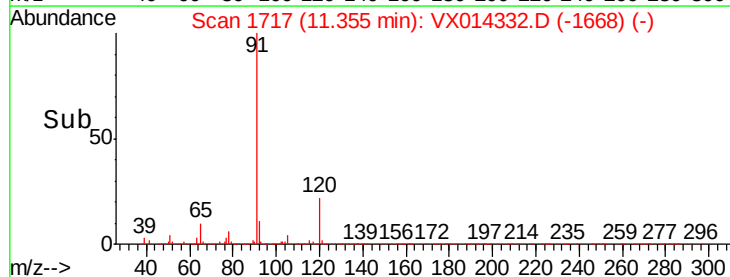
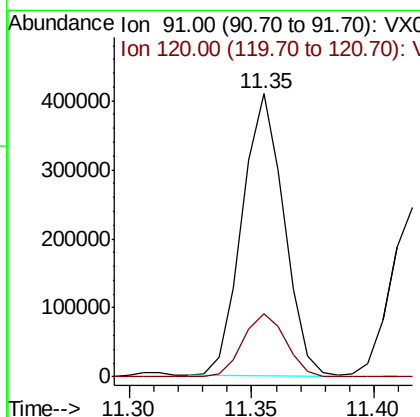
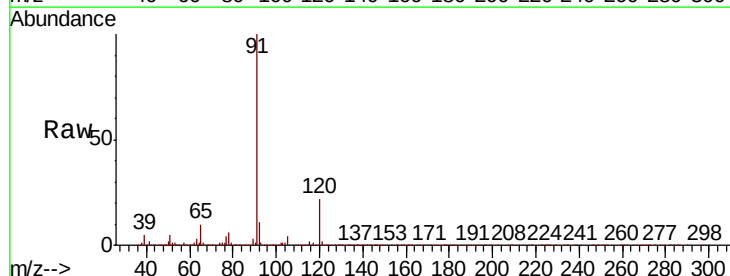
RT: 11.35 min Scan# 1717

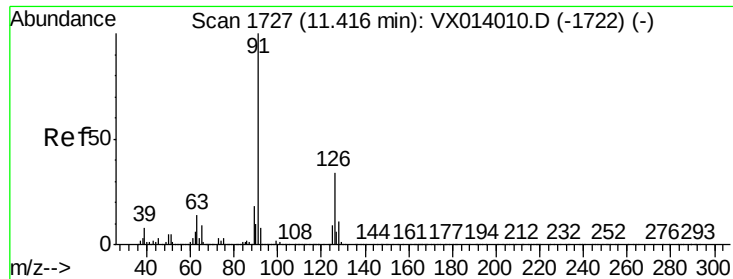
Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion:	91	Resp:	487958
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.0





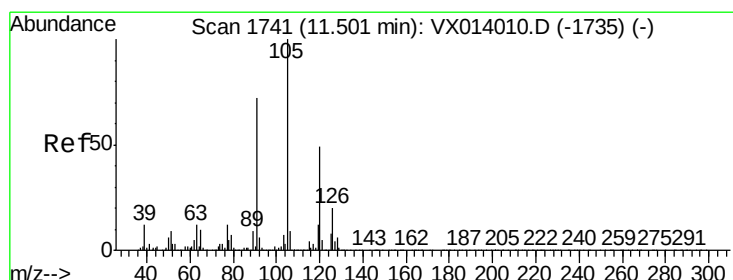
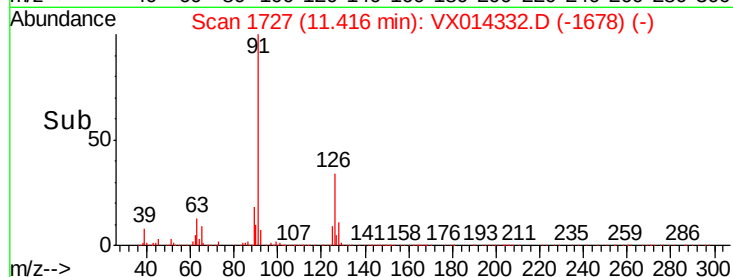
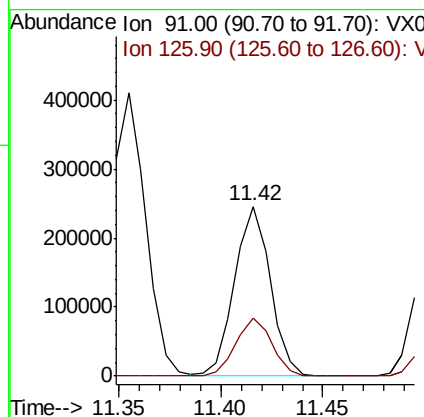
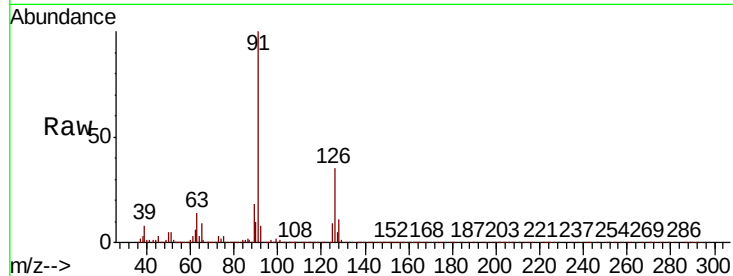
#79
2-Chlorotoluene
Concen: 19.266 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.2	51.6

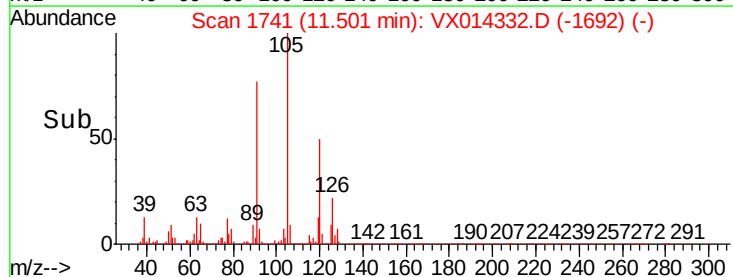
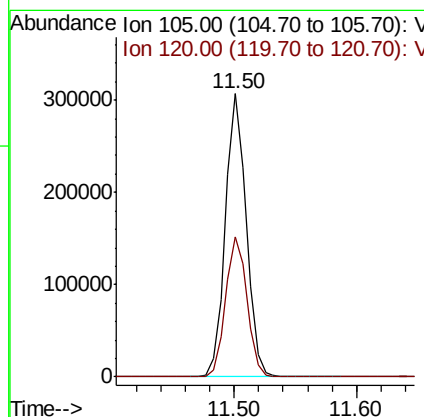
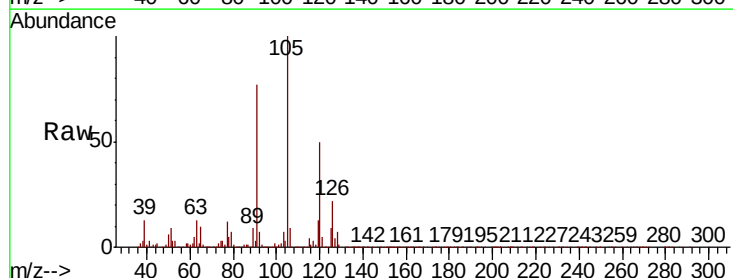
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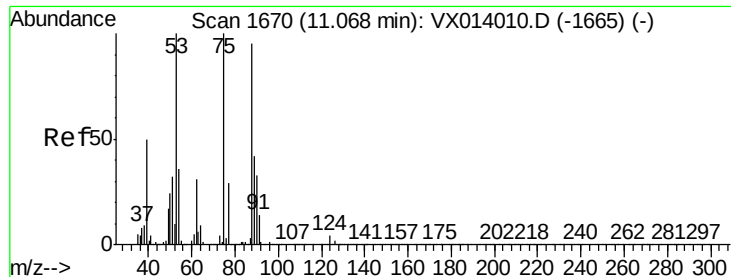
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#80
1,3,5-Trimethylbenzene
Concen: 19.079 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.0	25.3	75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.721 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

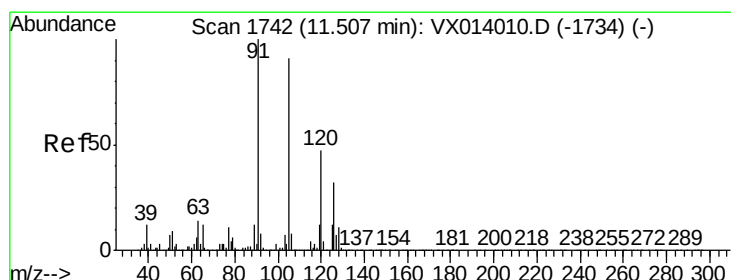
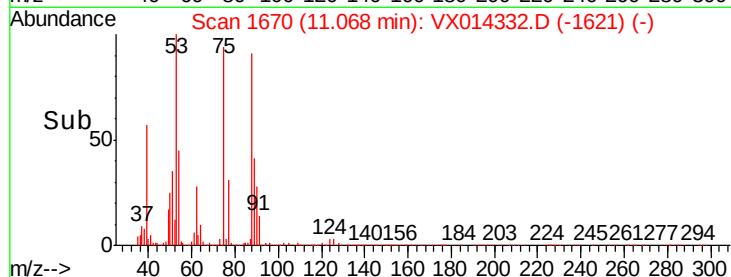
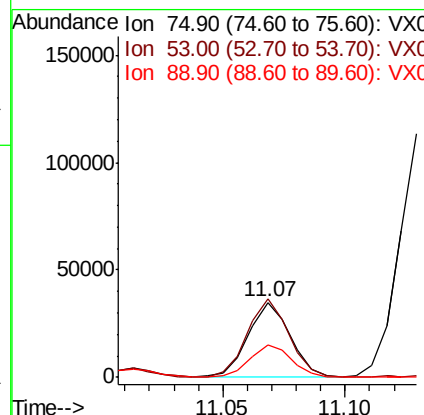
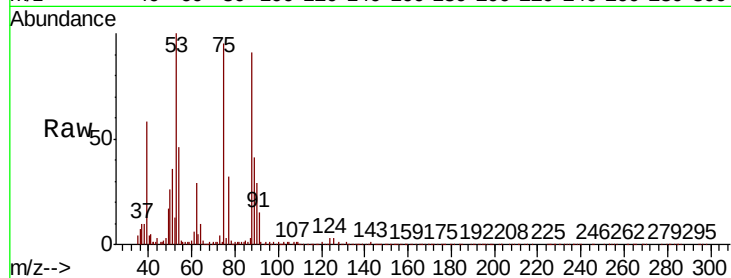
ClientSampleId :

VX1227WBS02

Tot Ion:	75	Resp:	41200
Ion Ratio	Lower	Upper	
75	100		
53	103.7	76.7	115.1
89	44.1	34.6	51.8

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#82

4-Chlorotoluene

Concen: 18.839 ug/l

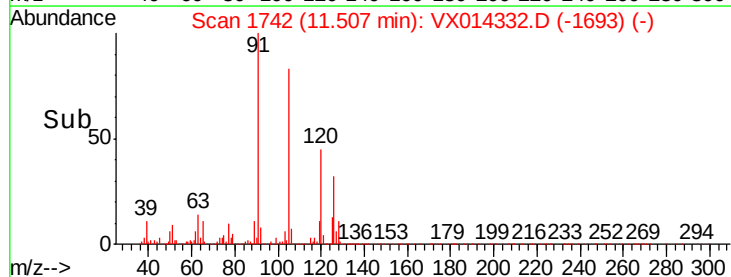
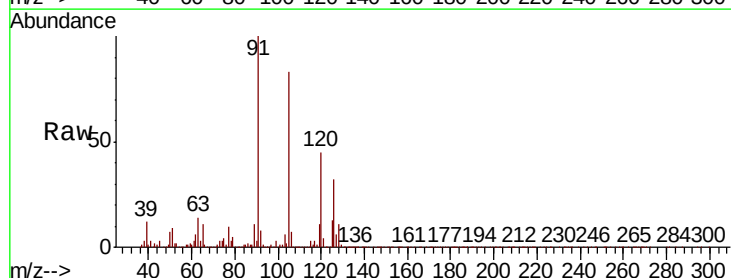
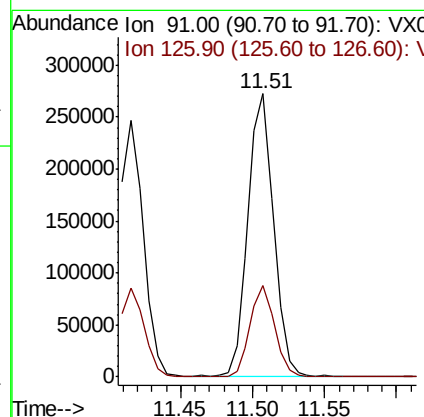
RT: 11.51 min Scan# 1742

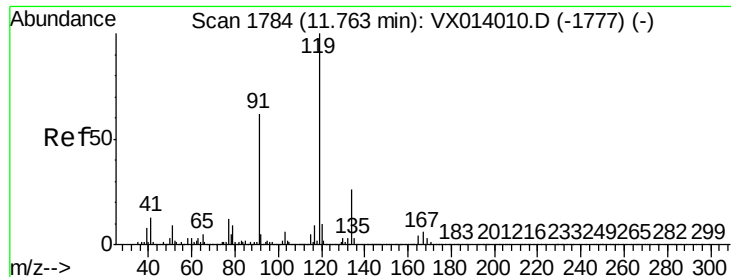
Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion:	91	Resp:	336073
Ion Ratio	Lower	Upper	
91	100		
126	30.7	15.6	46.8





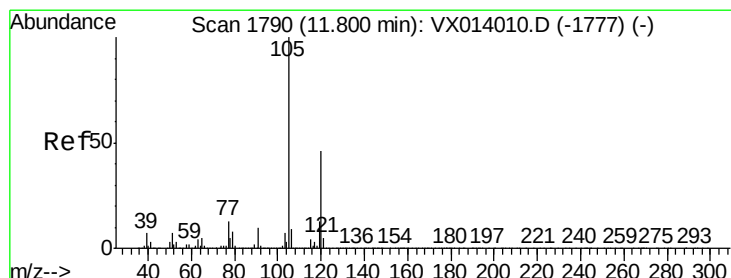
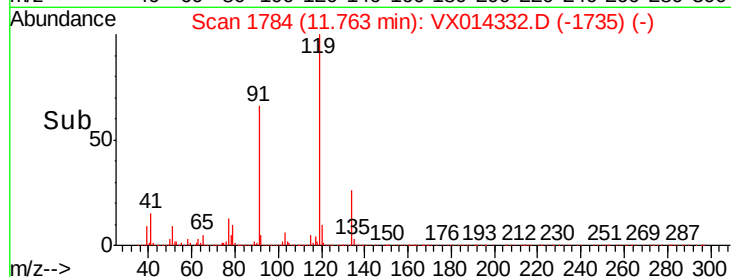
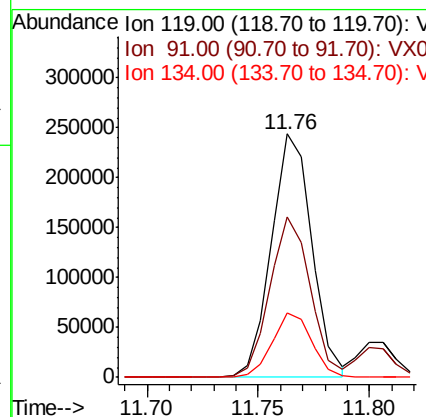
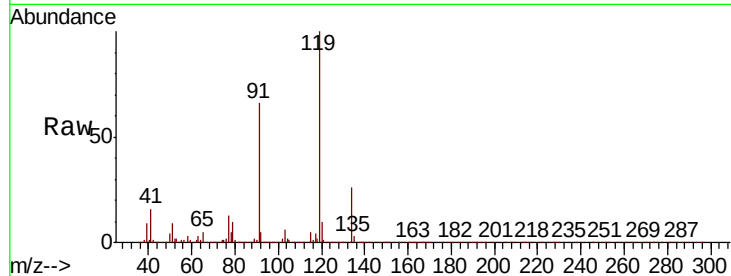
#83
tert-Butylbenzene
Concen: 16.610 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	306844		
91	65.9	28.5	85.6	
134	25.8	12.2	36.6	

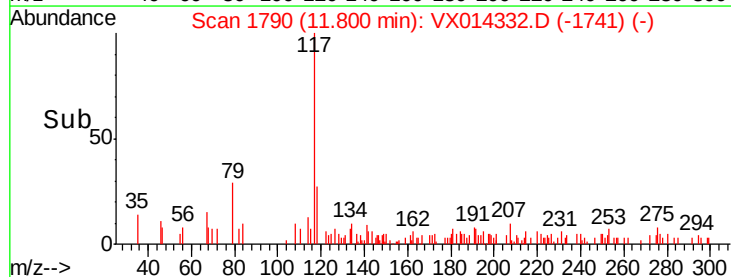
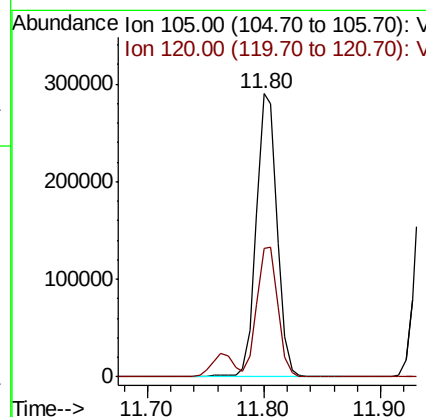
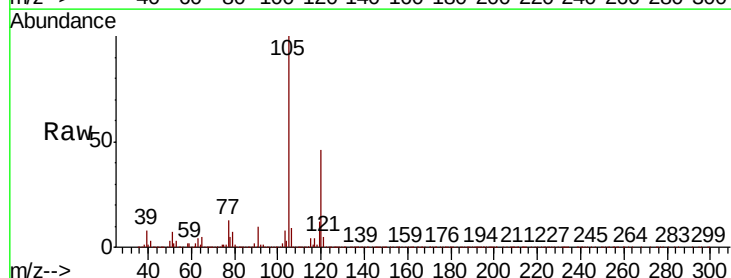
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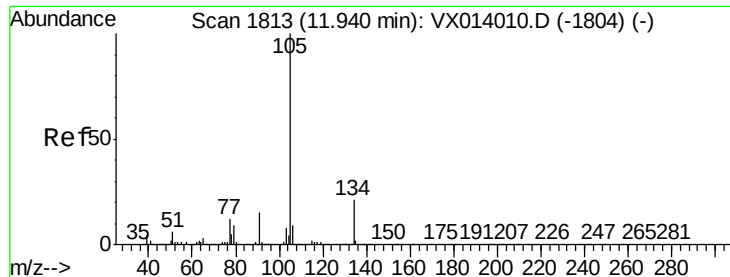
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#84
1,2,4-Trimethylbenzene
Concen: 19.033 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	361821		
120	46.2	23.1	69.2	





#85

sec-Butylbenzene

Concen: 18.951 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tot Ion:105 Resp: 413285

Ion Ratio Lower Upper

105 100

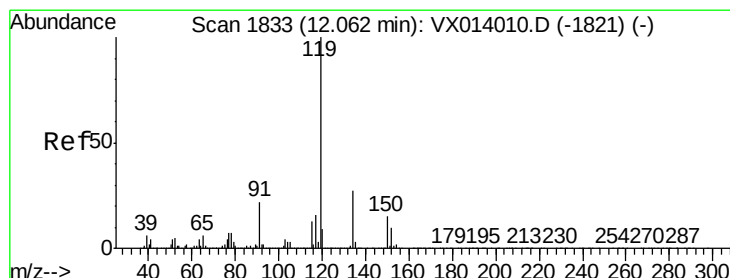
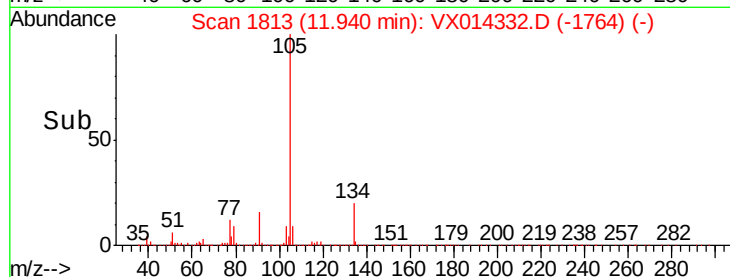
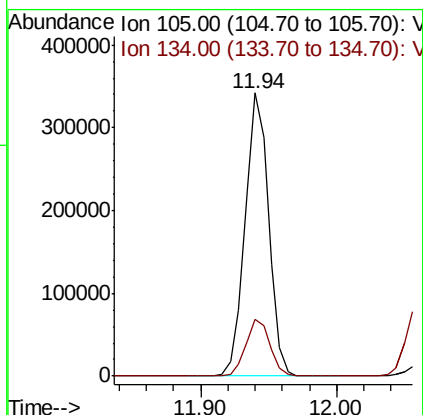
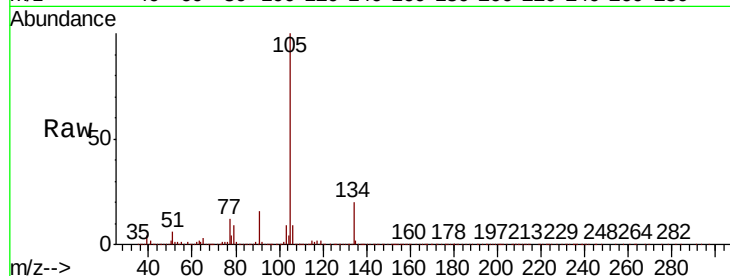
134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 18.876 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

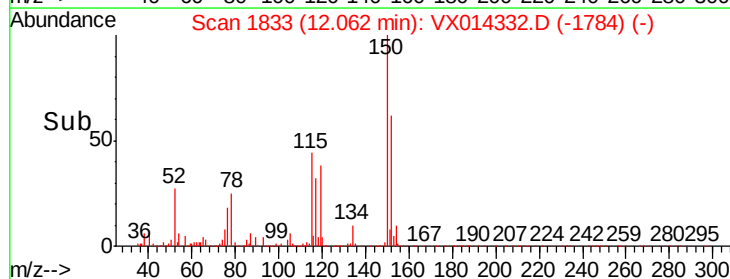
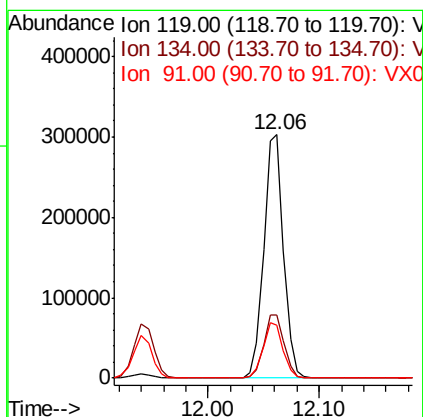
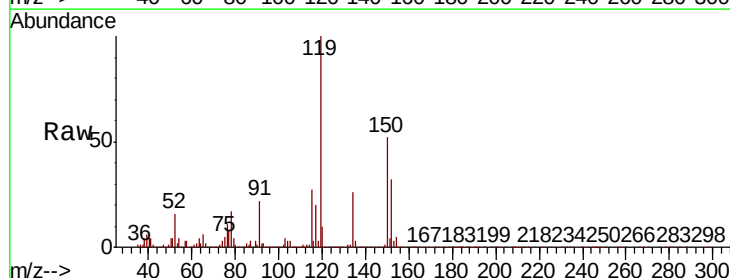
Tgt Ion:119 Resp: 376540

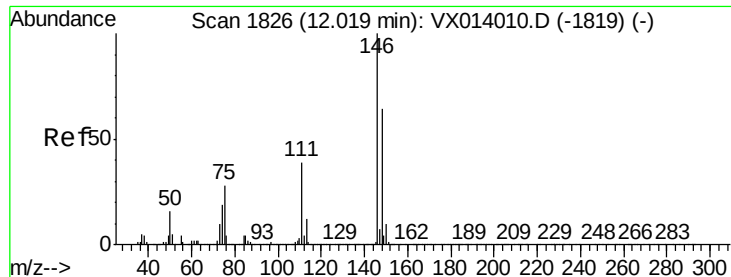
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.284 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

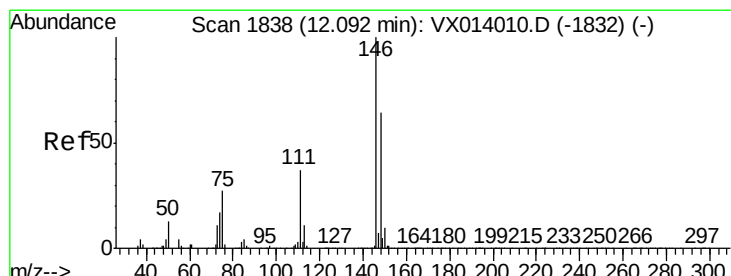
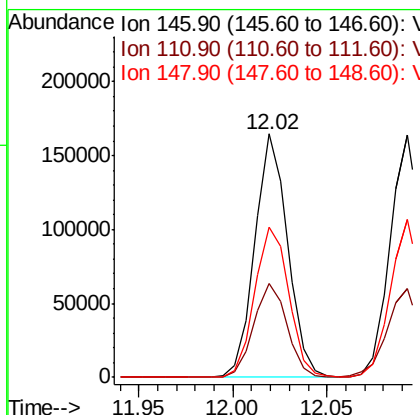
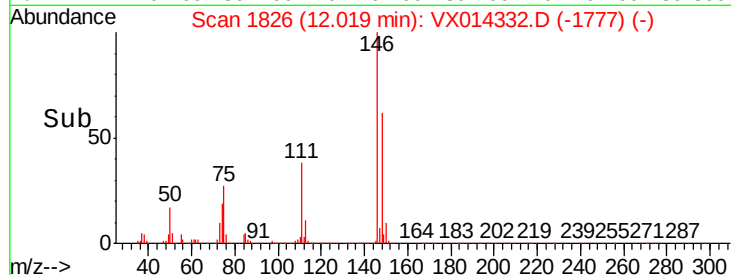
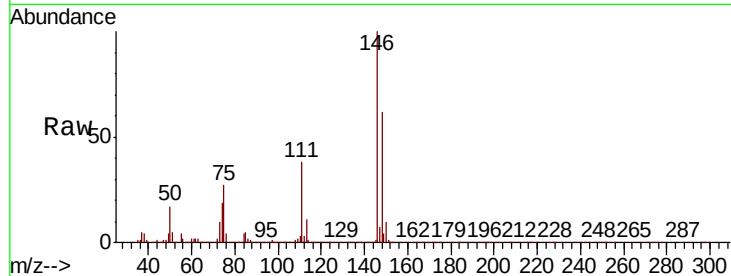
ClientSampleId :

VX1227WBS02

Tot Ion:	146	Resp:	198859
Ion Ratio		Lower	Upper
146	100		
111	39.2	19.1	57.1
148	64.2	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 17.918 ug/l

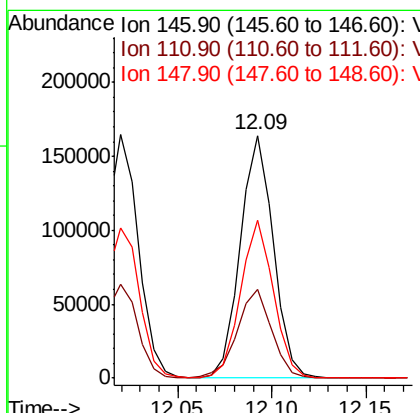
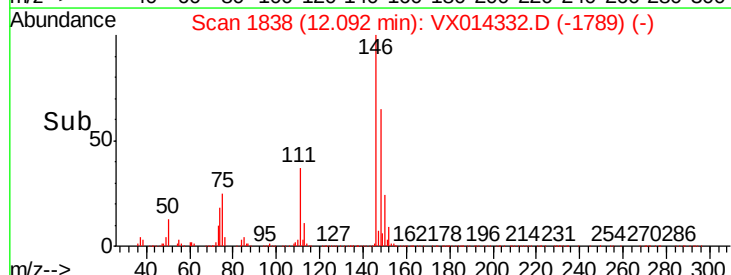
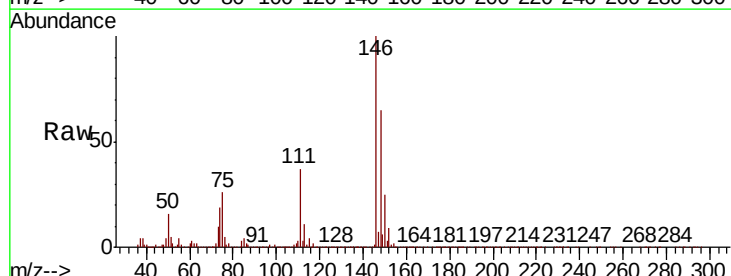
RT: 12.09 min Scan# 1838

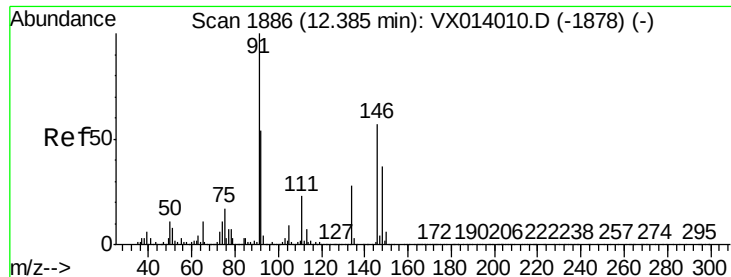
Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion:	146	Resp:	198156
Ion Ratio		Lower	Upper
146	100		
111	38.2	18.7	56.1
148	64.9	31.9	95.9





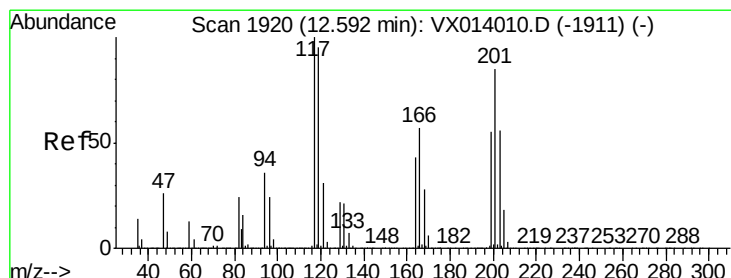
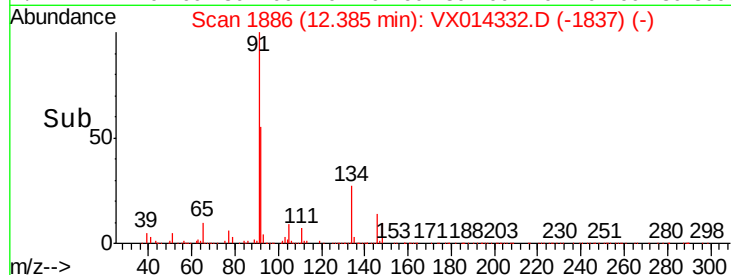
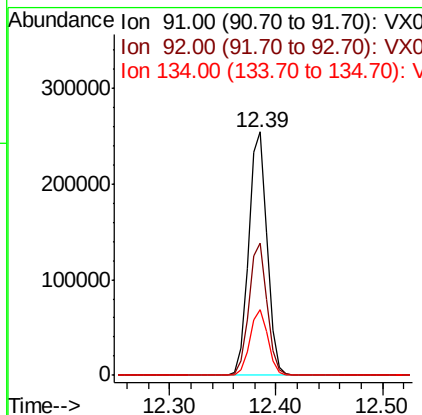
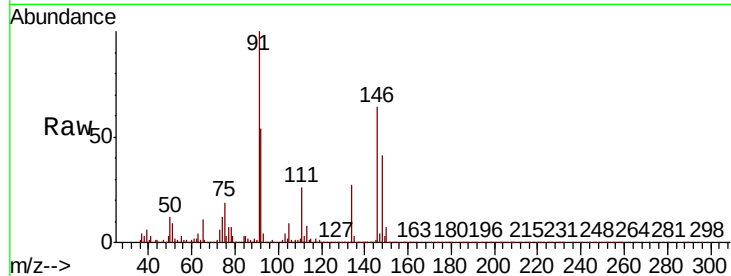
#89
n-Butylbenzene
Concen: 18.077 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	26.4	13.4	40.1

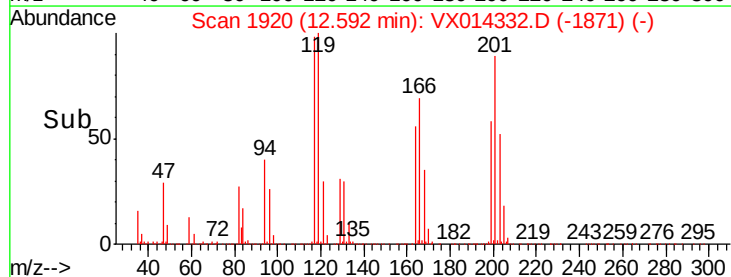
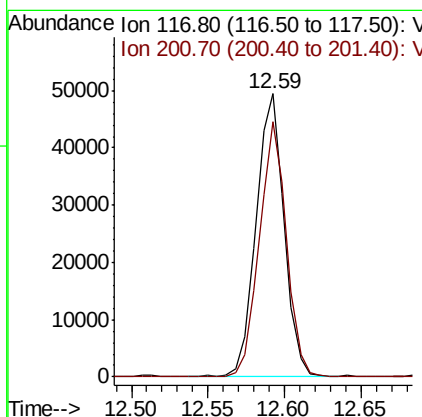
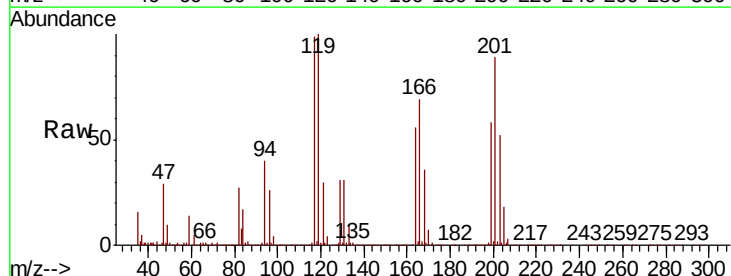
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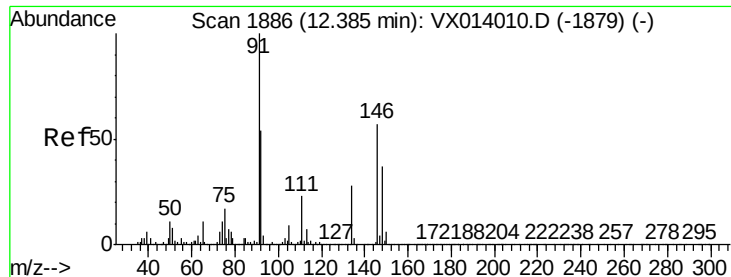
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#90
Hexachloroethane
Concen: 17.426 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.0	43.1	129.3





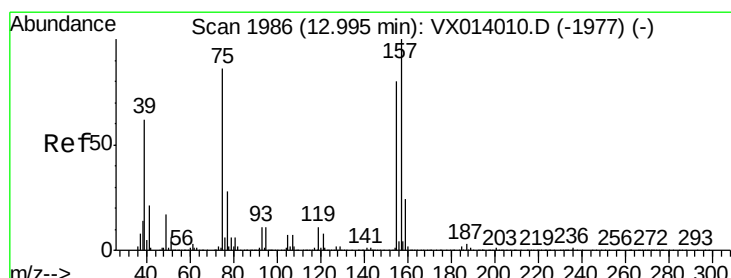
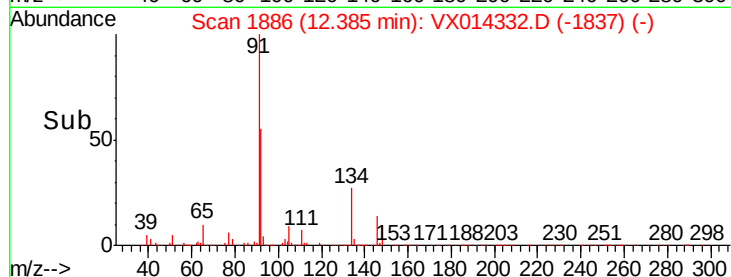
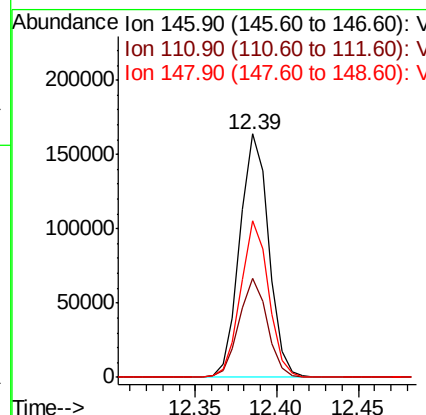
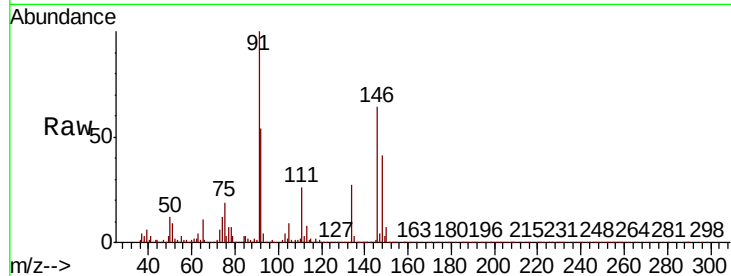
#91
 1,2-Dichlorobenzene
 Concen: 18.489 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	62.1	32.1	96.5

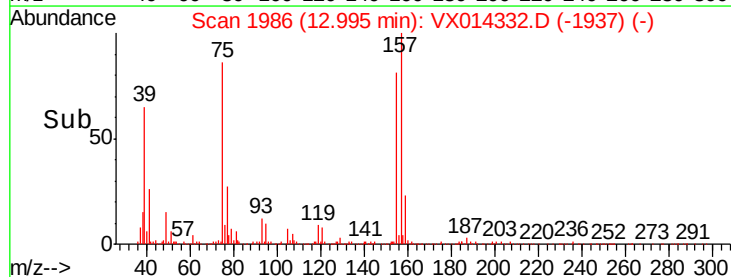
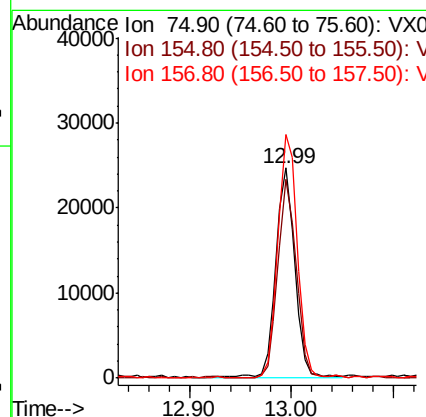
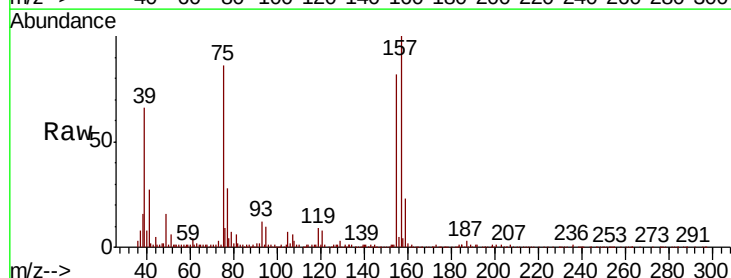
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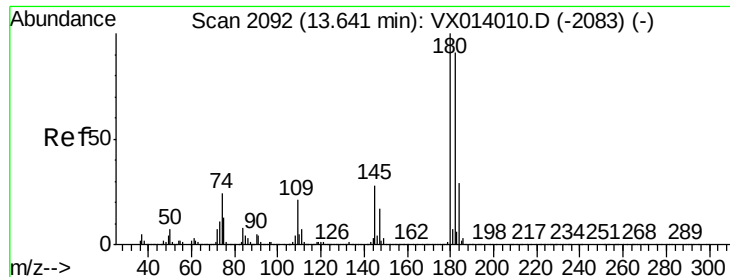
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.662 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.8	46.9	140.6
157	115.7	60.8	182.4





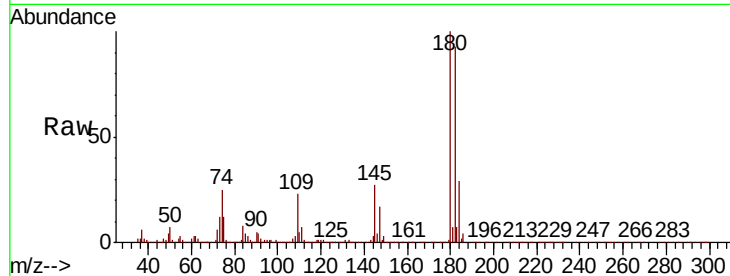
#93
1,2,4-Trichlorobenzene
Concen: 17.643 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

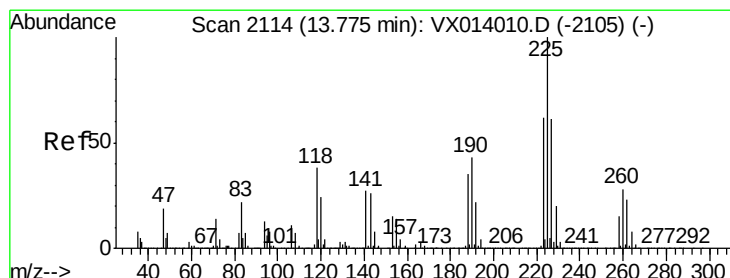
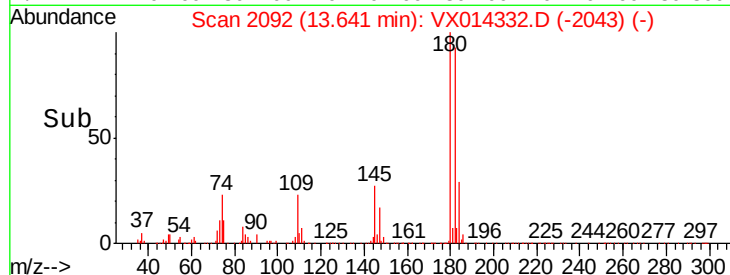
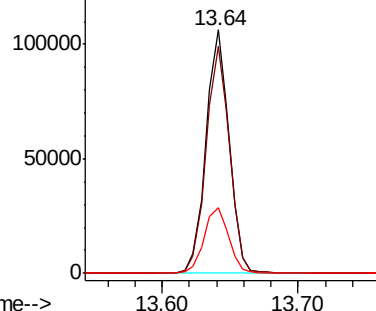
Tot Ion	Ratio	Resp	Lower	Upper
180	100	125549		
182	94.4	46.6	139.8	
145	28.8	14.2	42.6	

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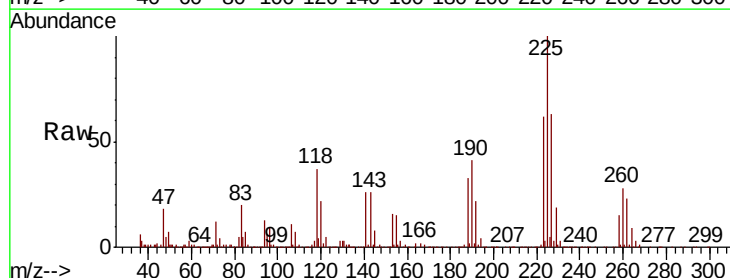


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

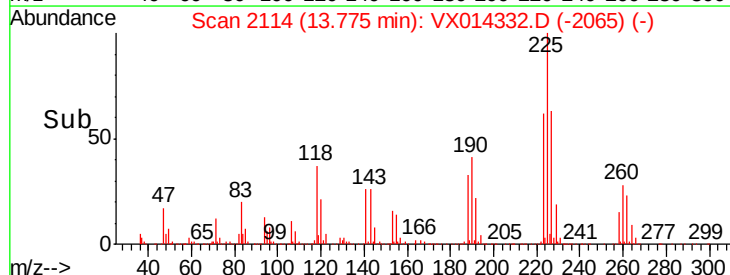
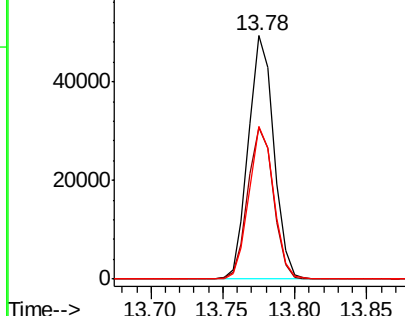


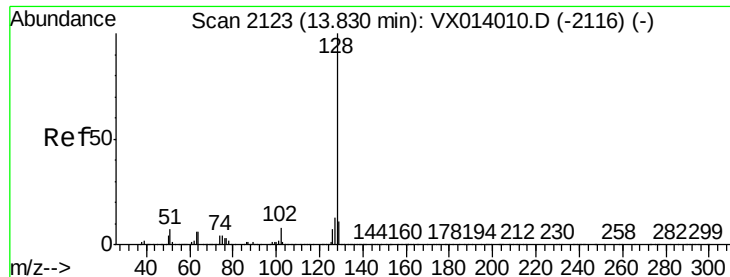
#94
Hexachlorobutadiene
Concen: 17.579 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60122		
223	62.3	30.9	92.5	
227	60.9	30.9	92.7	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





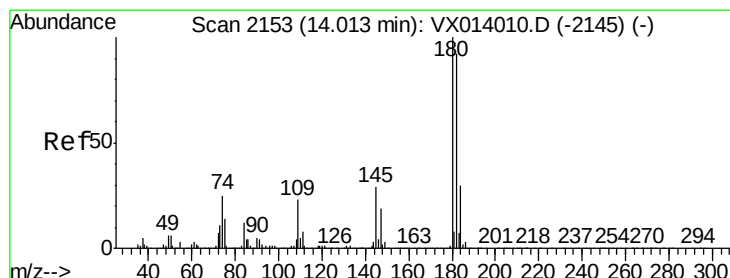
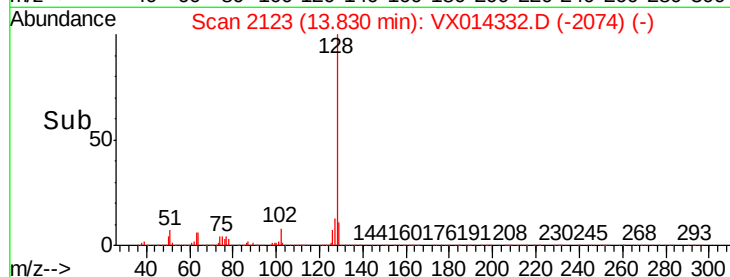
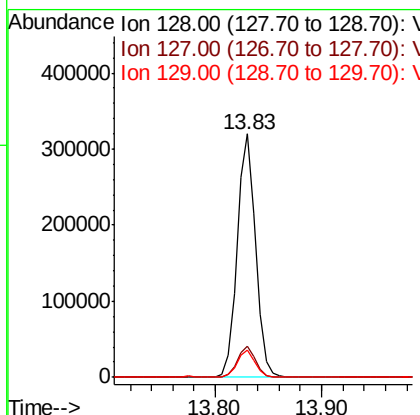
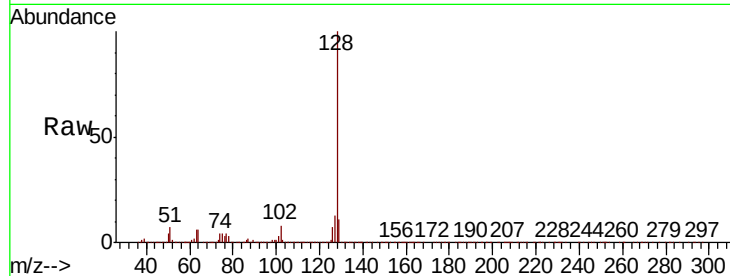
#95
Naphthalene
Concen: 18.539 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
12/30/2019 11:04:43 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.186 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.8	140.3
145	30.6	14.8	44.4

