

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013552.D
 Acq On : 22 Nov 2019 23:20
 Operator : JC/SP
 Sample : VX1122WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD03

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 10:39:53 AM

Quant Time: Nov 23 01:04:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	591487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	907793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	822275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	414970	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	341625	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	5.48	113	274152	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	8.71	98	1027192	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.14	95	368260	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	112505	16.508	ug/l	100
3) Chloromethane	1.31	50	136649	18.490	ug/l	98
4) Vinyl Chloride	1.40	62	162773	19.346	ug/l	97
5) Bromomethane	1.63	94	103128	17.588	ug/l	95
6) Chloroethane	1.72	64	93722	18.741	ug/l	98
7) Trichlorofluoromethane	1.92	101	174940	17.599	ug/l	99
8) Diethyl Ether	2.18	74	90426	20.571	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109903	19.836	ug/l	95
10) Methyl Iodide	2.50	142	128668	18.757	ug/l	96
11) Tert butyl alcohol	3.03	59	183338	99.266	ug/l	98
12) 1,1-Dichloroethene	2.36	96	112316	20.701	ug/l	98
13) Acrolein	2.28	56	89943	89.854	ug/l	97
14) Allyl chloride	2.72	41	203722	20.665	ug/l	96
15) Acrylonitrile	3.13	53	400431	116.067	ug/l	98
16) Acetone	2.43	43	378266	108.225	ug/l	97
17) Carbon Disulfide	2.56	76	245994	16.939	ug/l	99
18) Methyl Acetate	2.76	43	244768	25.366	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	421512	23.293	ug/l	99
20) Methylene Chloride	2.85	84	135188	20.934	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	118736	20.099	ug/l	98
22) Diisopropyl ether	3.84	45	435291	22.871	ug/l	92
23) Vinyl Acetate	3.80	43	851270	52.271	ug/l	99
24) 1,1-Dichloroethane	3.69	63	235792	22.147	ug/l	100
25) 2-Butanone	4.65	43	575022	112.145	ug/l	99
26) 2,2-Dichloropropane	4.58	77	151859	17.930	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	146548	22.145	ug/l	98
28) Bromochloromethane	5.00	49	70699	23.387	ug/l	98
29) Tetrahydrofuran	5.12	42	358411	113.430	ug/l	99
30) Chloroform	5.20	83	230729	21.947	ug/l	100
31) Cyclohexane	5.57	56	176939	18.469	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	188556	20.841	ug/l	100
36) 1,1-Dichloropropene	5.79	75	157978	20.285	ug/l	99
37) Ethyl Acetate	4.82	43	204705	21.272	ug/l	100
38) Carbon Tetrachloride	5.78	117	154085	20.233	ug/l	96

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Manual Integrations
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MMDadoda
 11/25/2019 10:39:53 AM

Quant Time: Nov 23 01:04:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172865	17.814	ug/l	97
40) Benzene	6.14	78	516540	21.293	ug/l	98
41) Methacrylonitrile	5.03	41	120098	22.266	ug/l	97
42) 1,2-Dichloroethane	6.19	62	187376	21.414	ug/l	98
43) Isopropyl Acetate	6.44	43	334128	22.298	ug/l	100
44) Trichloroethene	7.21	130	154241	23.098	ug/l	97
45) 1,2-Dichloropropane	7.51	63	139120	22.508	ug/l	98
46) Dibromomethane	7.65	93	90804	21.516	ug/l	97
47) Bromodichloromethane	7.89	83	179519	22.558	ug/l	95
48) Methyl methacrylate	7.76	41	161973	21.654	ug/l	96
49) 1,4-Dioxane	7.73	88	65021	379.570	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1108020	112.703	ug/l	99
52) Toluene	8.78	92	323684	21.528	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	183719	21.112	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	207591	21.326	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	141770	22.749	ug/l	99
56) Ethyl methacrylate	9.17	69	223724	21.934	ug/l	97
57) 1,3-Dichloropropane	9.37	76	236558	22.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	441112	103.520	ug/l	100
59) 2-Hexanone	9.48	43	864824	113.831	ug/l	99
60) Dibromochloromethane	9.57	129	141498	22.201	ug/l	99
61) 1,2-Dibromoethane	9.67	107	145500	21.987	ug/l	98
64) Tetrachloroethene	9.33	164	203263	34.531	ug/l	94
65) Chlorobenzene	10.14	112	359274	21.581	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	133182	21.789	ug/l	99
67) Ethyl Benzene	10.25	91	598118	20.818	ug/l	99
68) m/p-Xylenes	10.36	106	454285	41.808	ug/l	99
69) o-Xylene	10.70	106	230897	21.705	ug/l	97
70) Styrene	10.71	104	387036	21.764	ug/l	98
71) Bromoform	10.85	173	110473	21.447	ug/l #	96
73) Isopropylbenzene	11.01	105	594134	21.595	ug/l	100
74) N-amyl acetate	10.89	43	285946	22.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	196738	19.601	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	178247m	21.148	ug/l	
77) Bromobenzene	11.25	156	161525	22.022	ug/l	98
78) n-propylbenzene	11.35	91	653447	21.321	ug/l	99
79) 2-Chlorotoluene	11.42	91	404751	21.919	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	492020	21.470	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62951	19.224	ug/l	99
82) 4-Chlorotoluene	11.51	91	460950	21.325	ug/l	100
83) tert-Butylbenzene	11.76	119	419731	18.194	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	500797	21.784	ug/l	99
85) sec-Butylbenzene	11.94	105	559439	21.100	ug/l	99
86) p-Isopropyltoluene	12.06	119	516330	21.149	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	279013	21.341	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	280491	21.057	ug/l	99
89) n-Butylbenzene	12.39	91	424951	19.948	ug/l	99
90) Hexachloroethane	12.59	117	86831	19.962	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	287933	22.032	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	47778	19.538	ug/l	99

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Instrument :
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ClientSampleId :
VX1122WBSD03

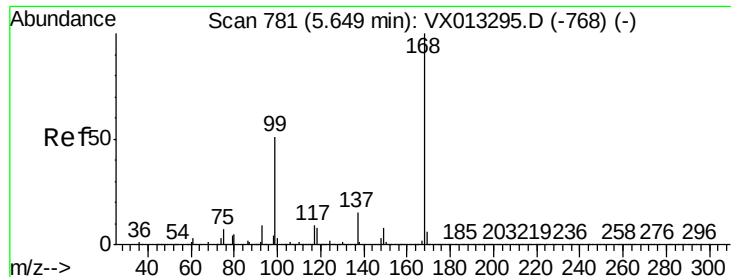
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	191039	20.956	ug/l	100
94) Hexachlorobutadiene	13.78	225	87909	19.711	ug/l	99
95) Naphthalene	13.83	128	628664	21.980	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	198425	21.704	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD03

Tot Ion:168 Resp: 591487

Ion Ratio Lower Upper

168 100

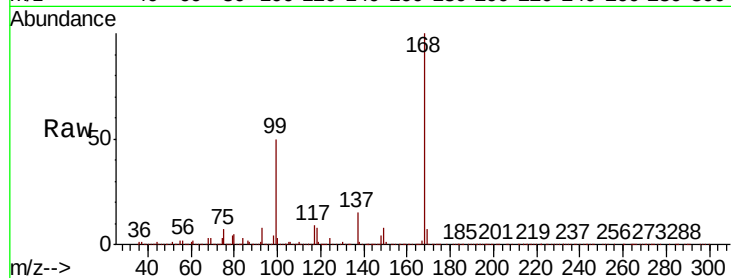
99 49.4 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

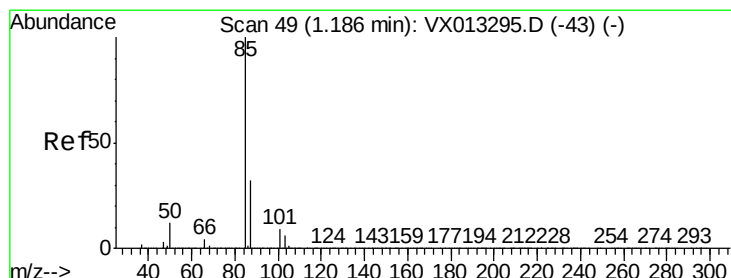
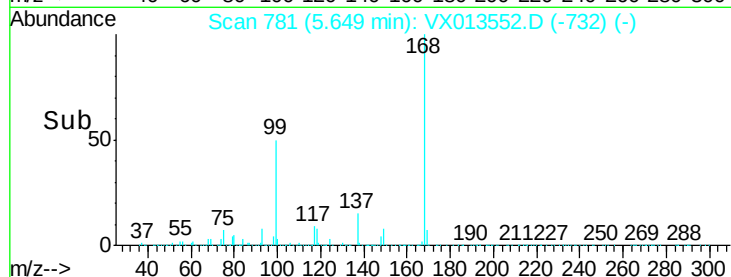
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.508 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013552.D

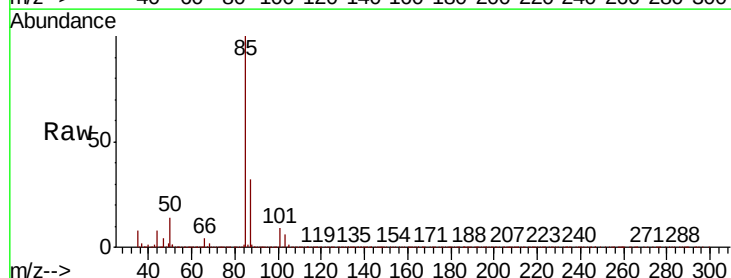
Acq: 22 Nov 2019 23:20

Tgt Ion: 85 Resp: 112505

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

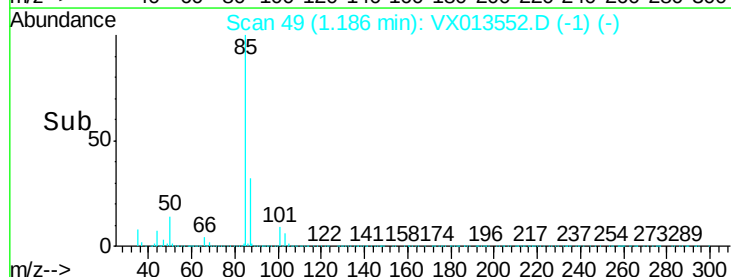
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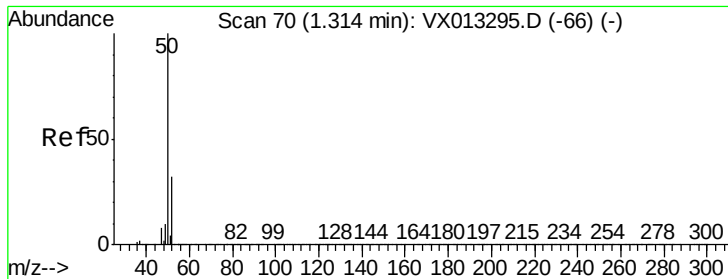
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.490 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD03

Tot Ion: 50 Resp: 136649

Ion Ratio Lower Upper

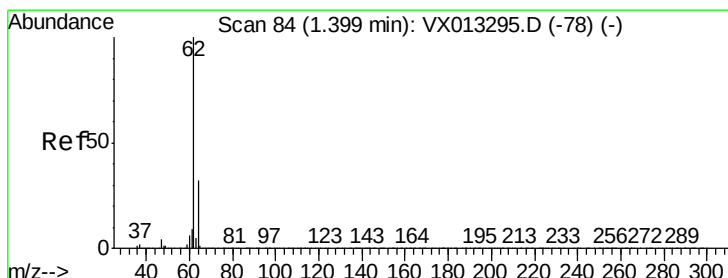
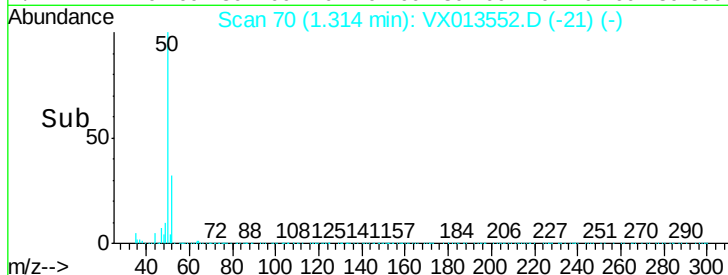
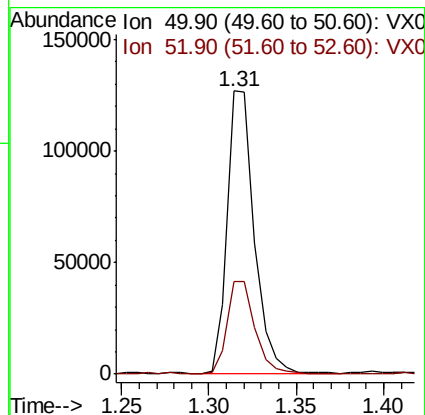
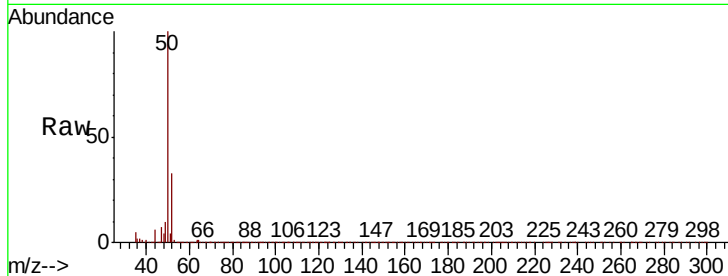
50 100

52 32.8 25.5 38.3

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#4

Vinyl Chloride

Concen: 19.346 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013552.D

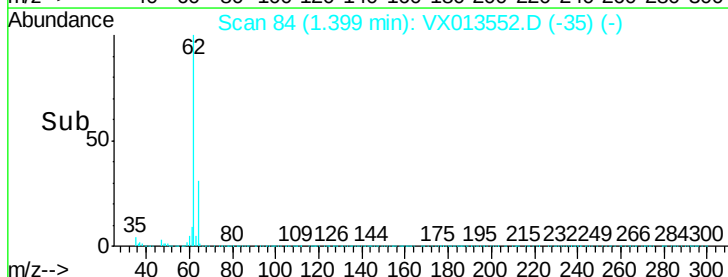
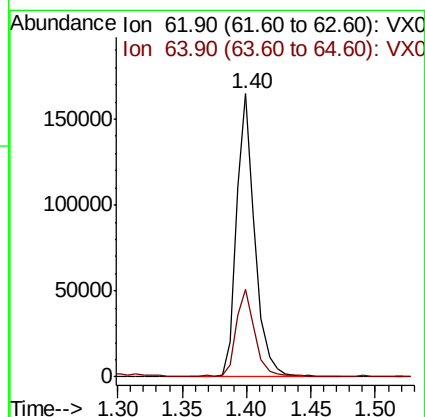
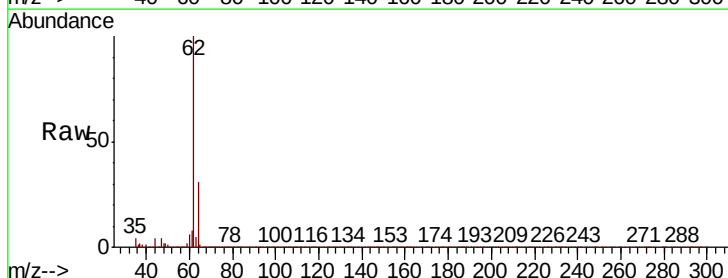
Acq: 22 Nov 2019 23:20

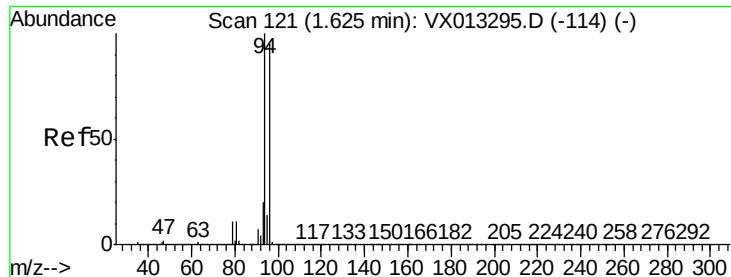
Tgt Ion: 62 Resp: 162773

Ion Ratio Lower Upper

62 100

64 30.5 25.6 38.4





#5

Bromomethane

Concen: 17.588 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD03

Tot Ion: 94 Resp: 103128

Ion Ratio Lower Upper

94 100

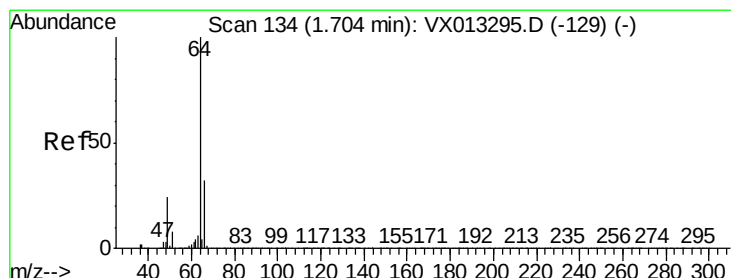
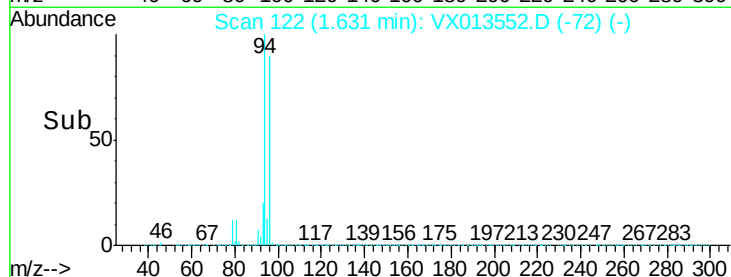
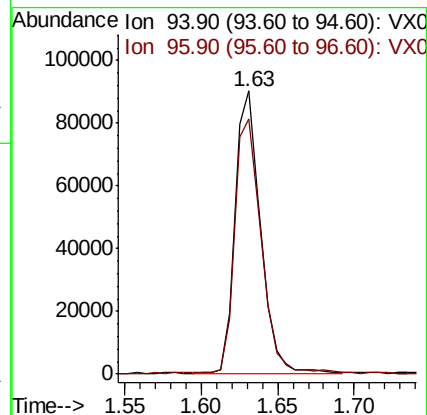
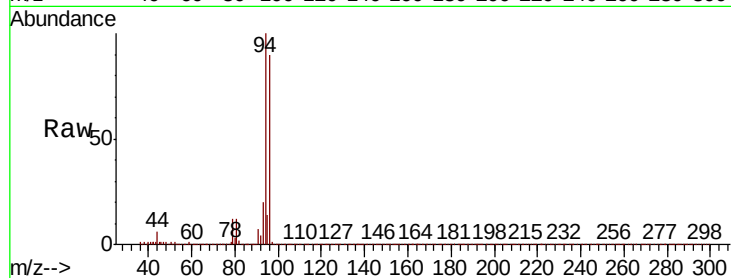
96 89.8 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 18.741 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013552.D

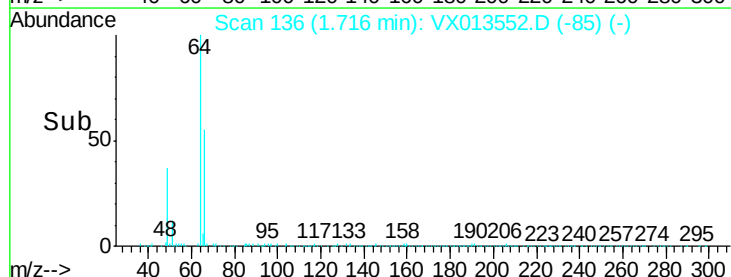
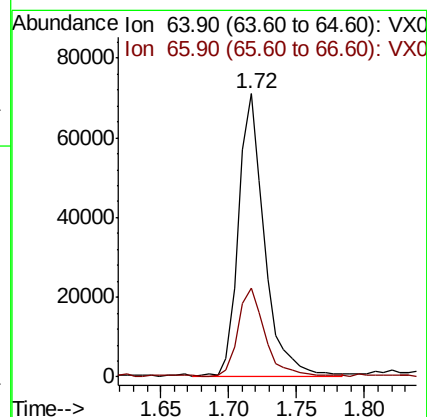
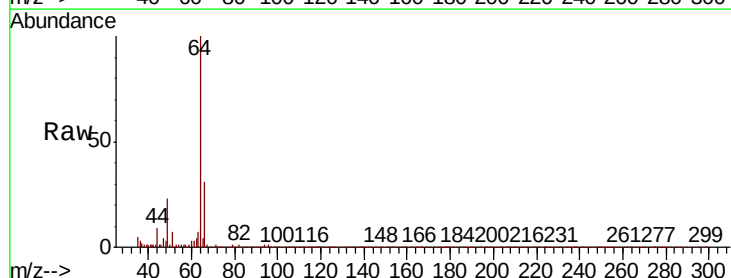
Acq: 22 Nov 2019 23:20

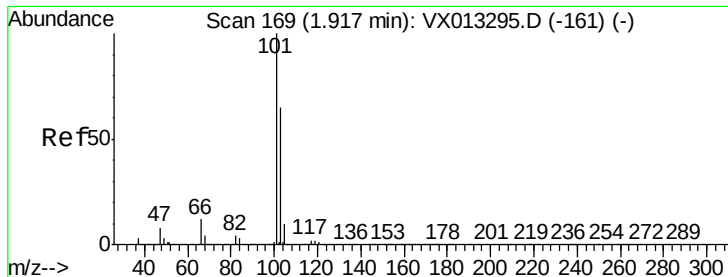
Tgt Ion: 64 Resp: 93722

Ion Ratio Lower Upper

64 100

66 30.8 25.6 38.4





#7

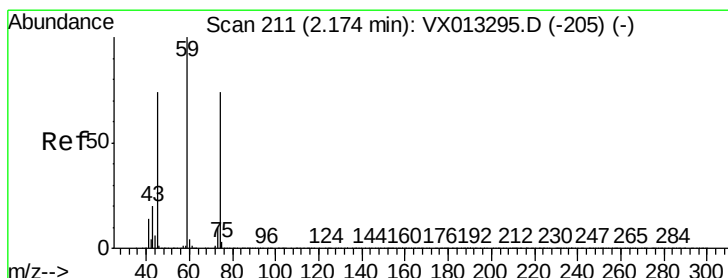
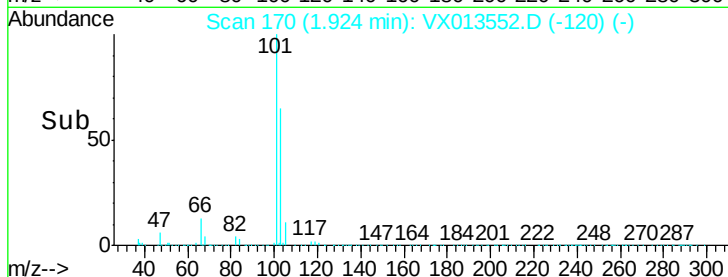
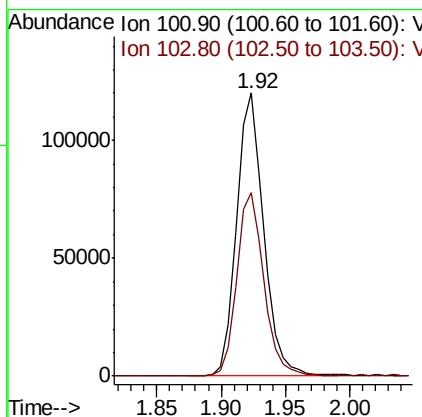
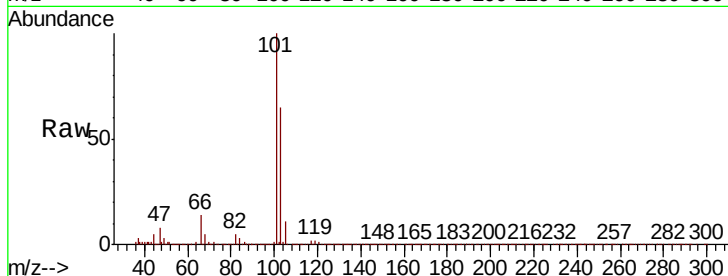
Trichlorofluoromethane
Concen: 17.599 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
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ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.3	78.5

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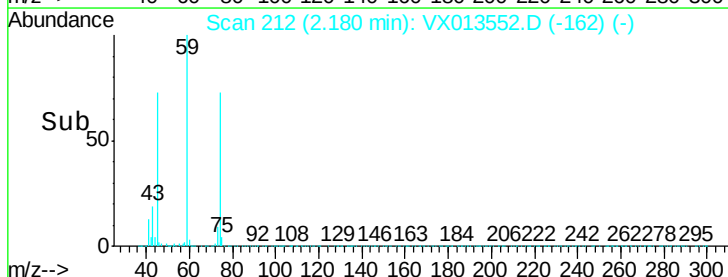
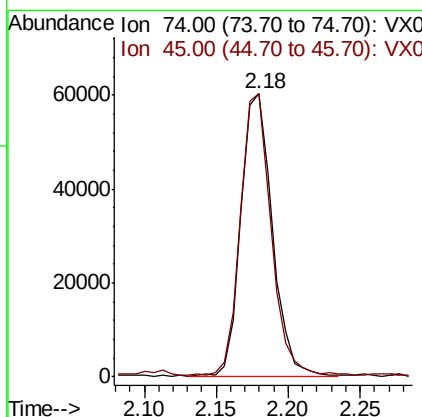
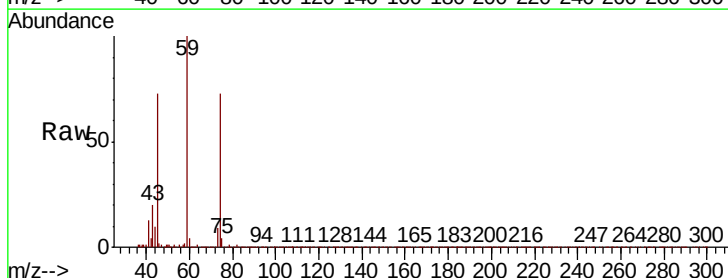
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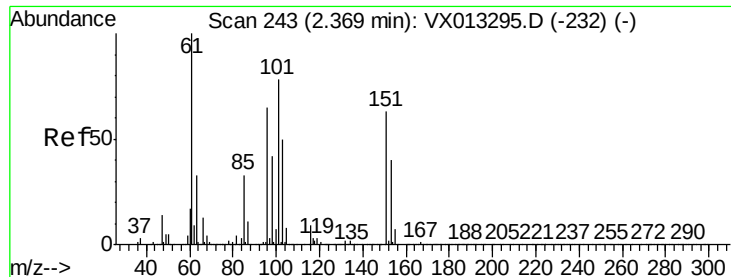


#8

Diethyl Ether
Concen: 20.571 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.836 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

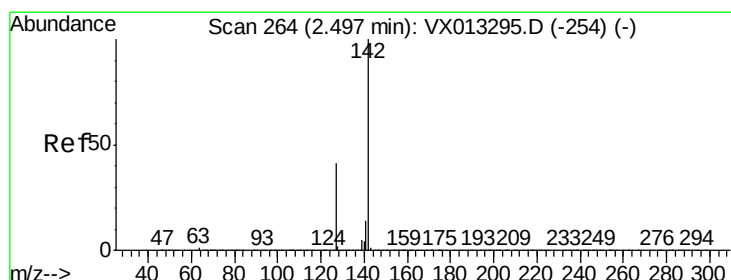
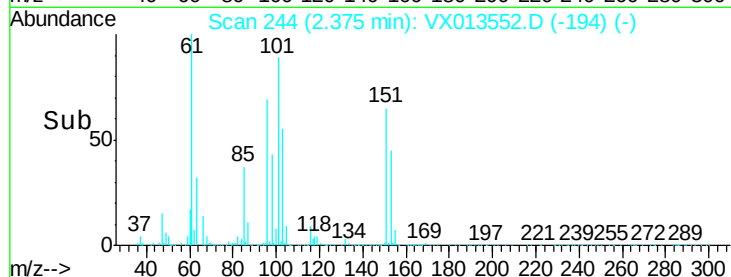
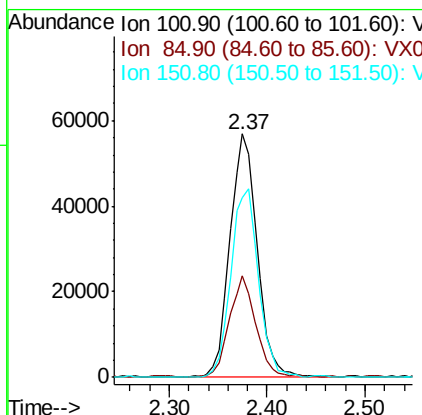
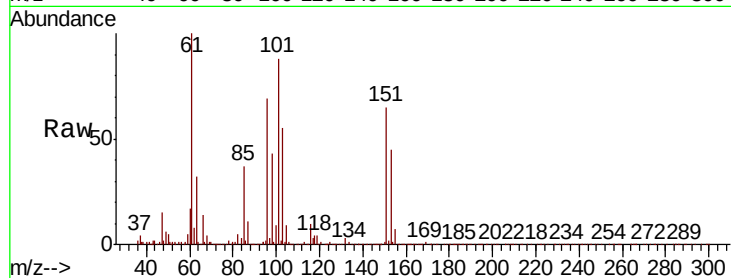
ClientSampleId :

VX1122WBSD03

Tot Ion:	101	Resp:	109903
Ion Ratio	Lower	Upper	
101	100		
85	40.4	34.4	51.6
151	78.2	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.757 ug/l

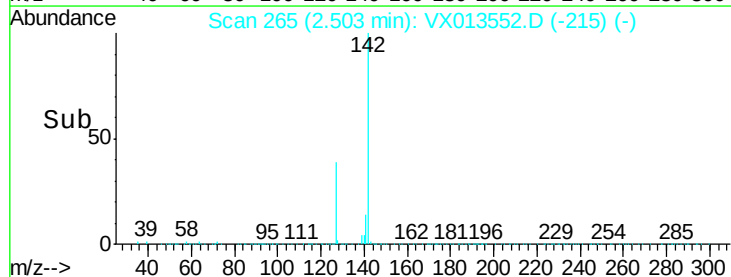
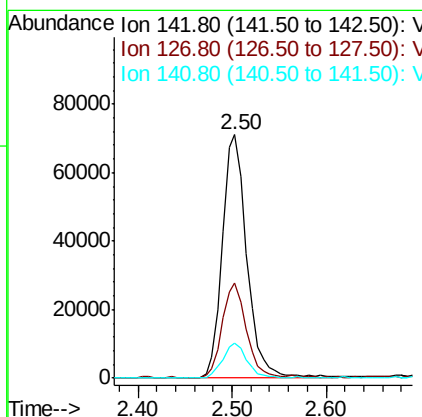
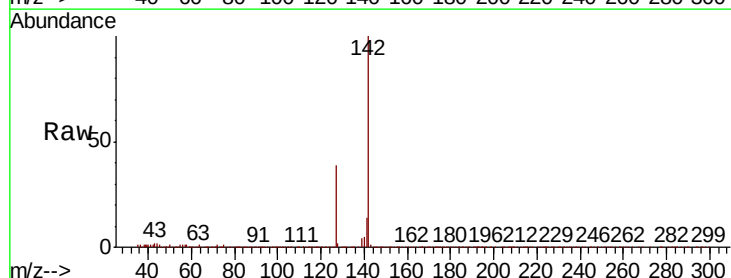
RT: 2.50 min Scan# 265

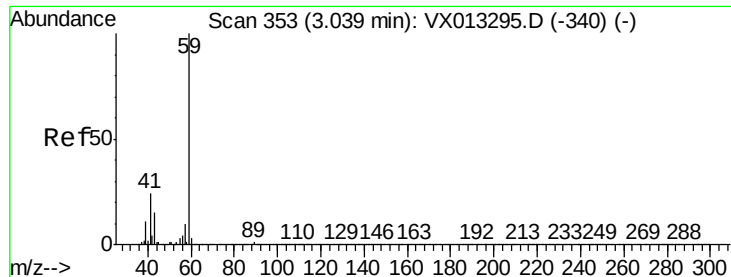
Delta R.T. 0.01 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Tgt Ion:	142	Resp:	128668
Ion Ratio	Lower	Upper	
142	100		
127	38.1	32.6	49.0
141	13.8	11.6	17.4





#11

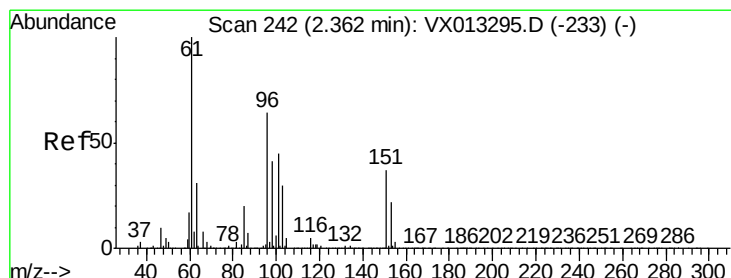
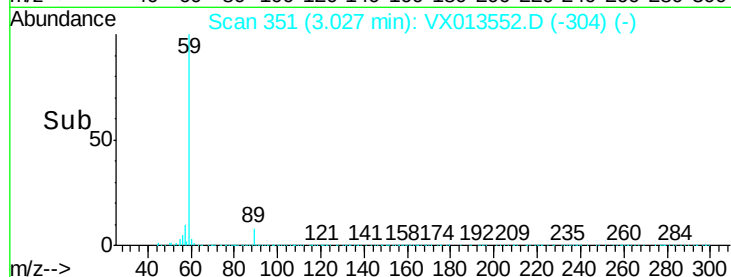
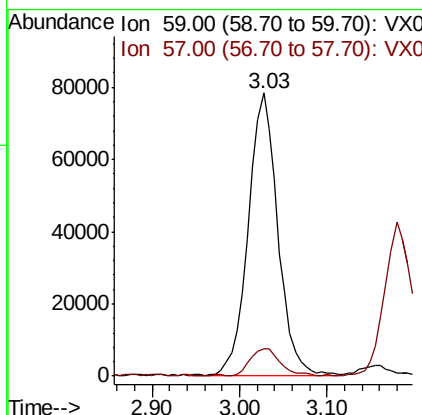
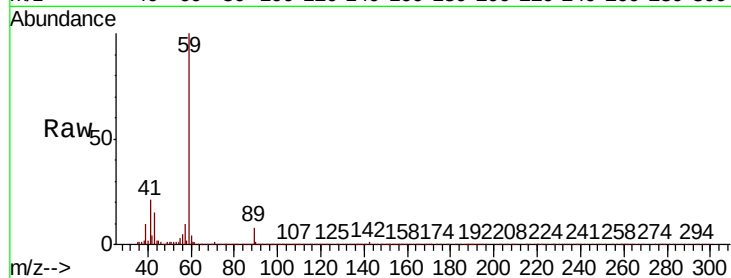
Tert butyl alcohol
Concen: 99.266 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
59	100	183338		
57	9.4	8.0	12.0	

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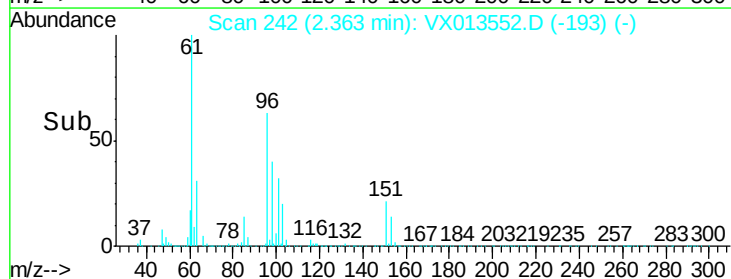
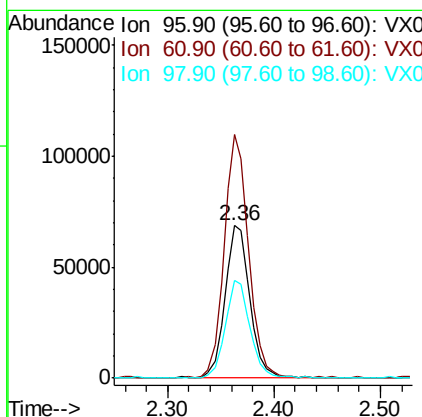
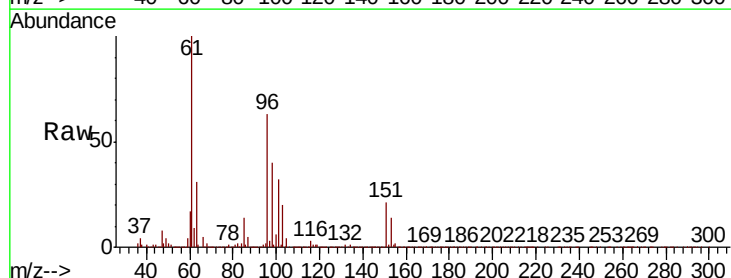
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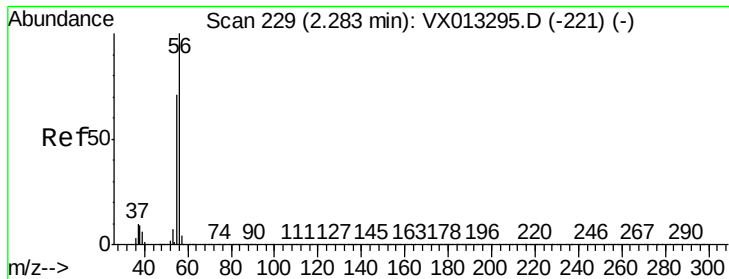


#12

1,1-Dichloroethene
Concen: 20.701 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	112316		
61	159.2	125.0	187.6	
98	63.4	50.7	76.1	





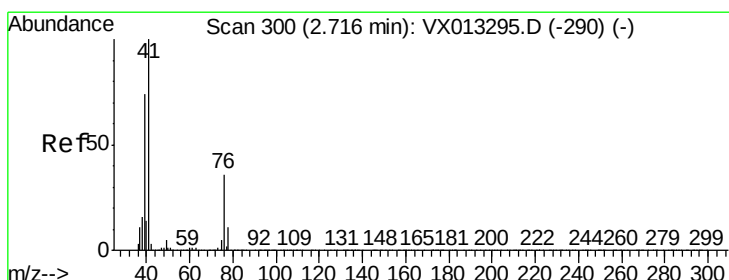
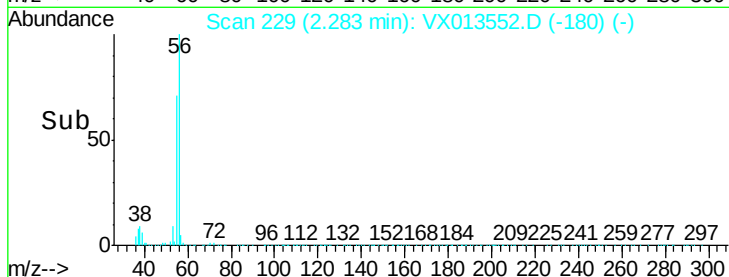
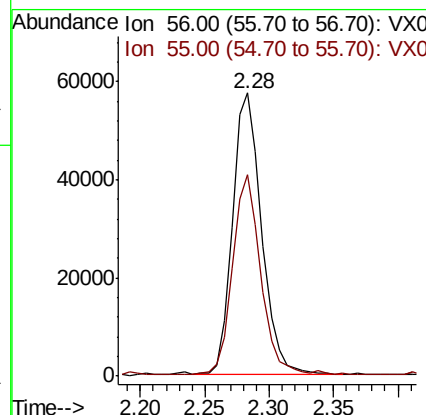
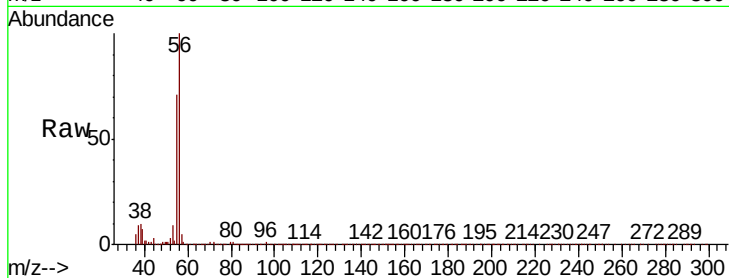
#13
Acrolein
Concen: 89.854 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.6	57.4	86.0

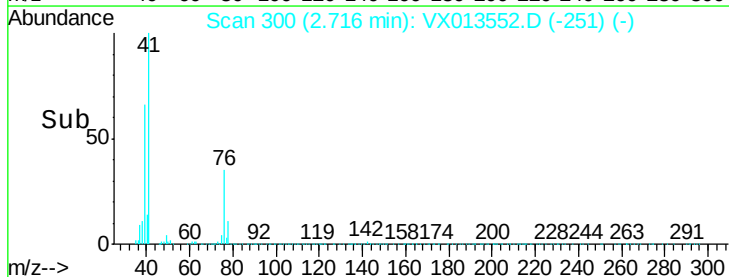
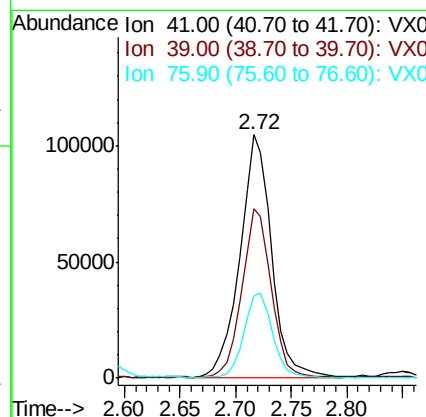
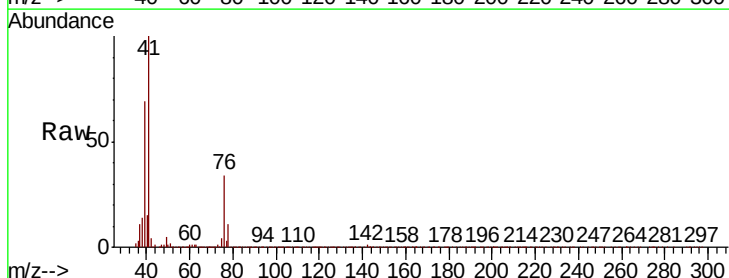
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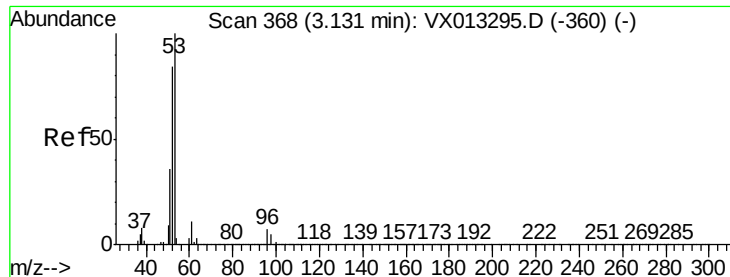
MMDadoda
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#14
Allyl chloride
Concen: 20.665 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.8	55.8	83.8
76	31.7	26.4	39.6





#15

Acrylonitrile

Concen: 116.067 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

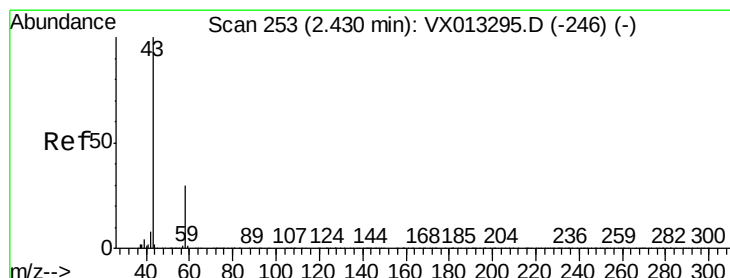
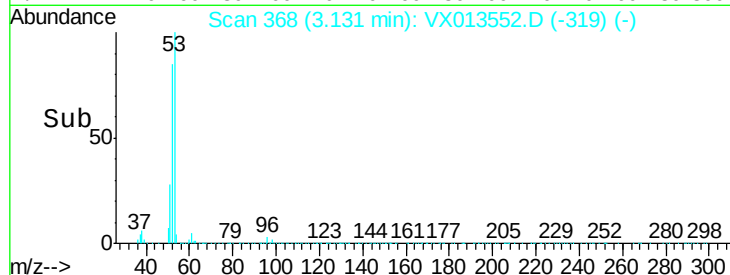
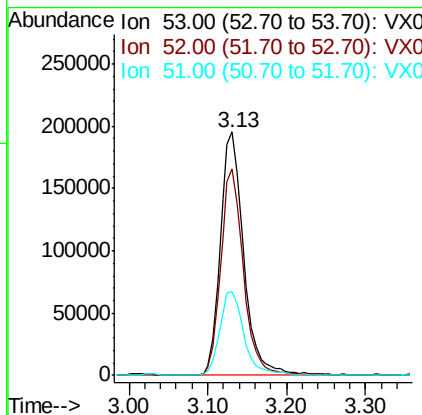
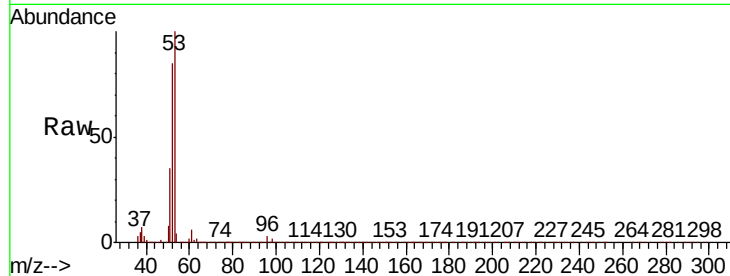
ClientSampleId :

VX1122WBSD03

Tot Ion:	53	Resp:	400431
Ion Ratio		Lower	Upper
53	100		
52	82.2	67.4	101.0
51	35.8	29.4	44.2

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#16

Acetone

Concen: 108.225 ug/l

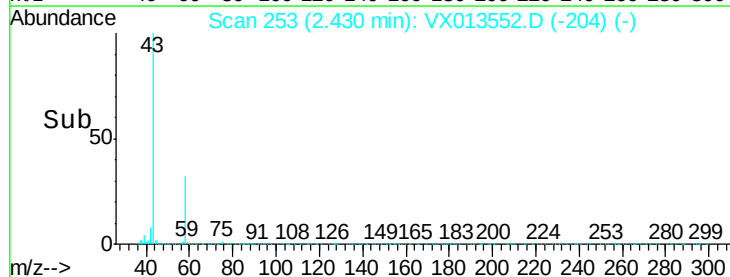
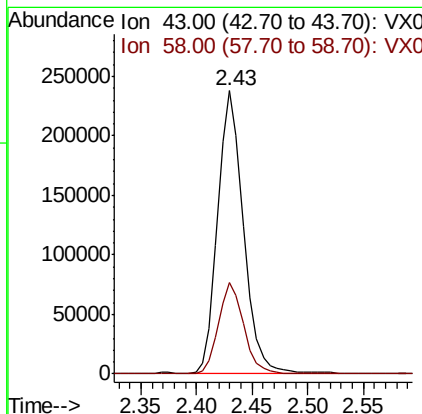
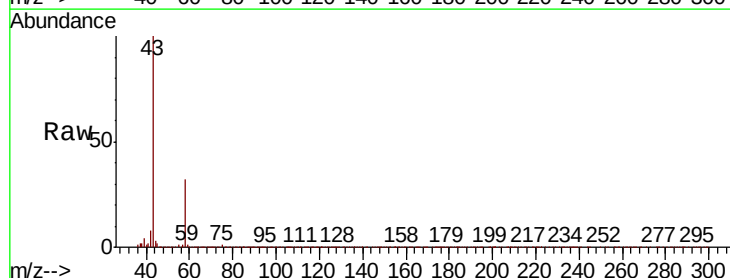
RT: 2.43 min Scan# 253

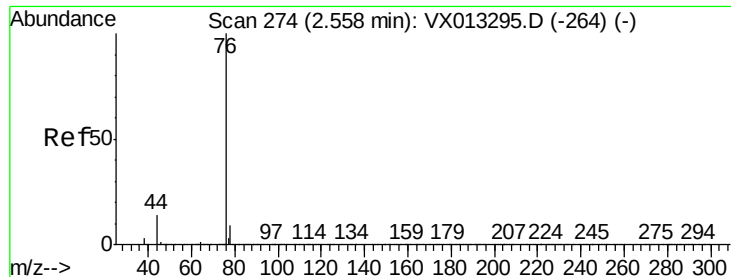
Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Tgt Ion:	43	Resp:	378266
Ion Ratio		Lower	Upper
43	100		
58	32.0	24.3	36.5





#17

Carbon Disulfide

Concen: 16.939 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD03

Tot Ion: 76 Resp: 245994

Ion Ratio Lower Upper

76 100

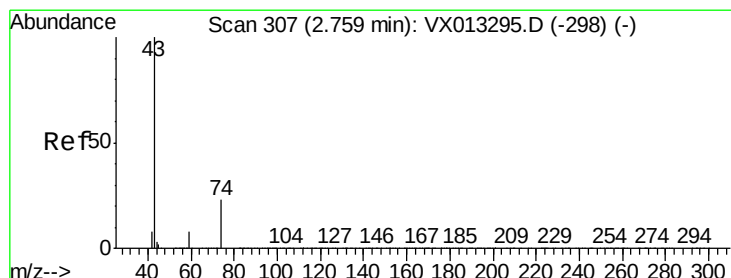
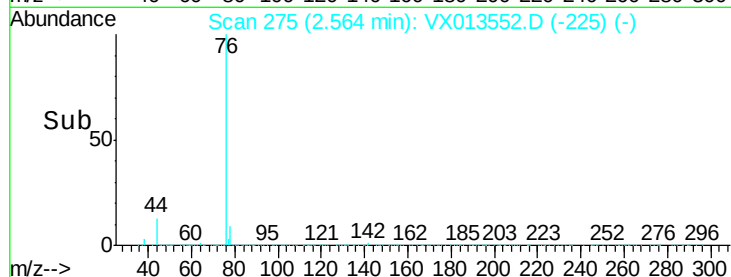
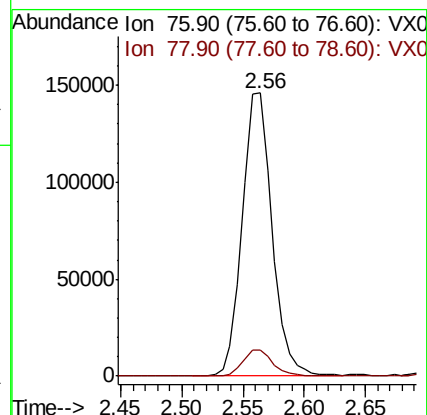
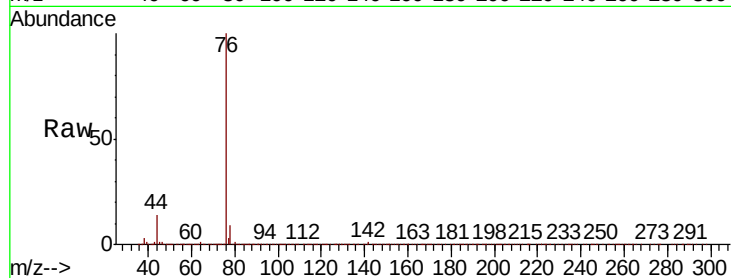
78 9.2 7.0 10.6

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#18

Methyl Acetate

Concen: 25.366 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013552.D

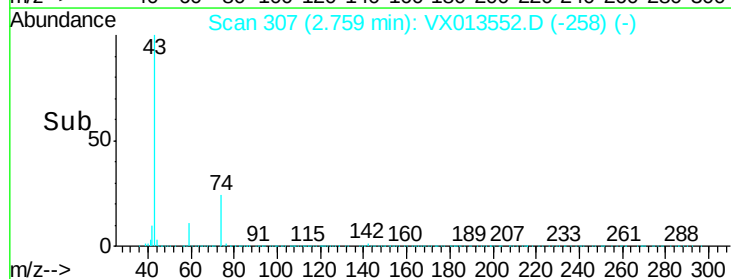
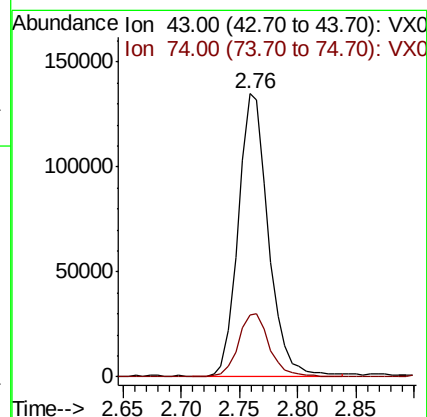
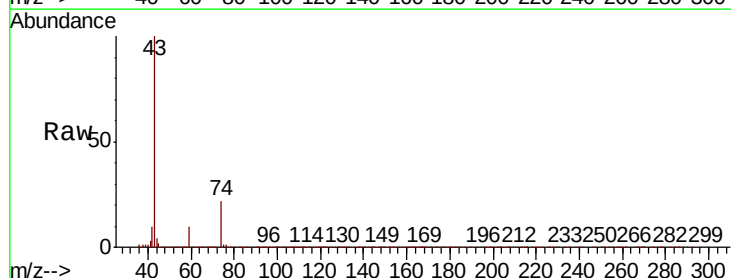
Acq: 22 Nov 2019 23:20

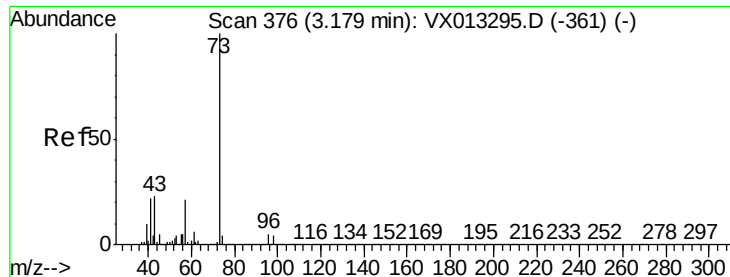
Tgt Ion: 43 Resp: 244768

Ion Ratio Lower Upper

43 100

74 22.7 19.0 28.6





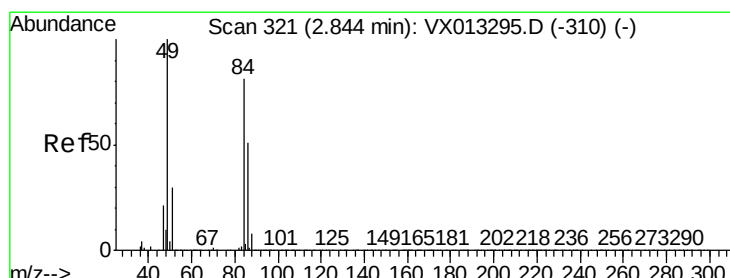
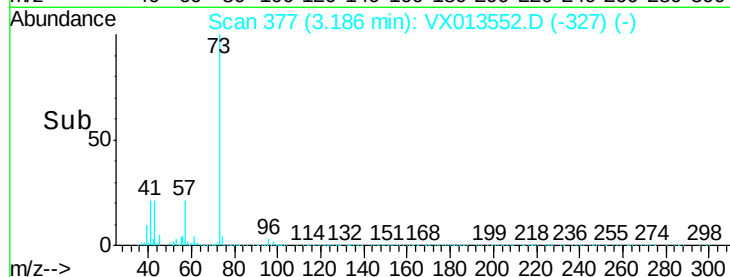
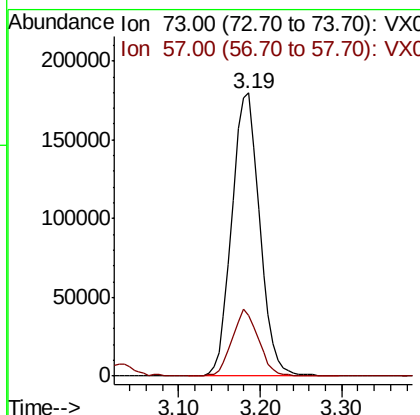
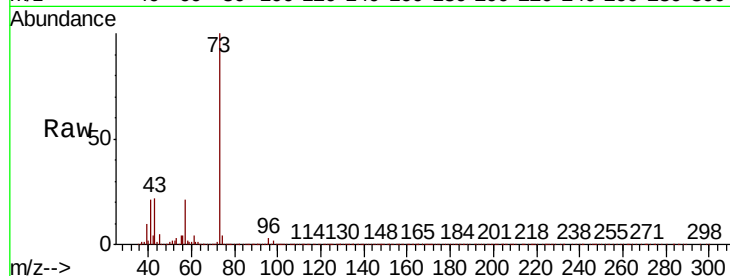
#19
Methyl tert-butyl Ether
Concen: 23.293 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.1	25.7

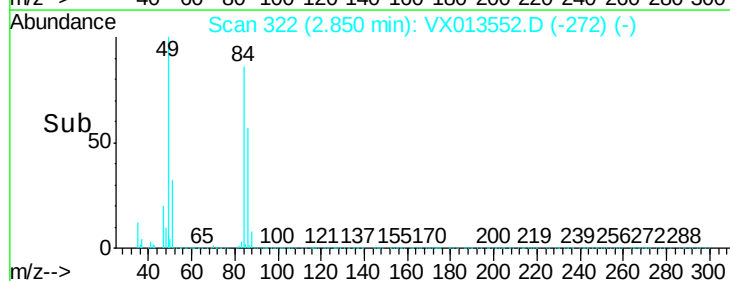
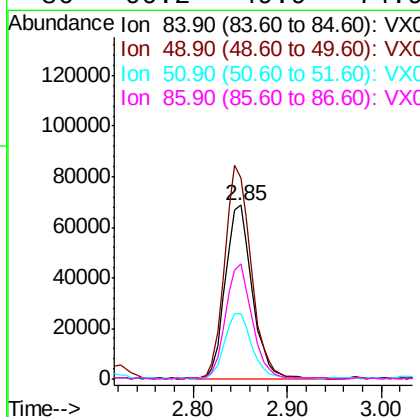
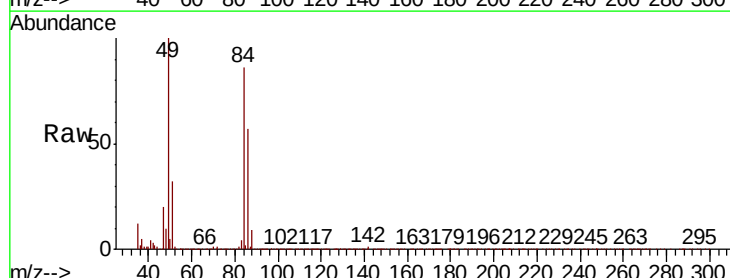
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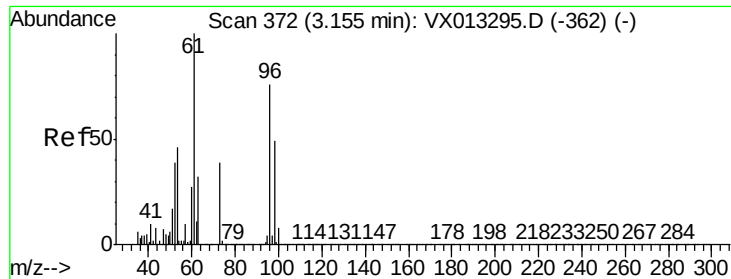
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#20
Methylene Chloride
Concen: 20.934 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.1	98.2	147.4
51	37.2	29.9	44.9
86	66.2	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 20.099 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

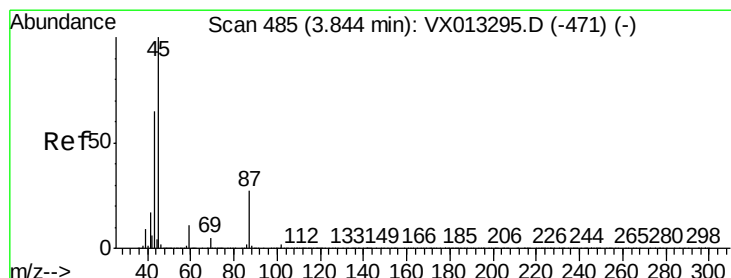
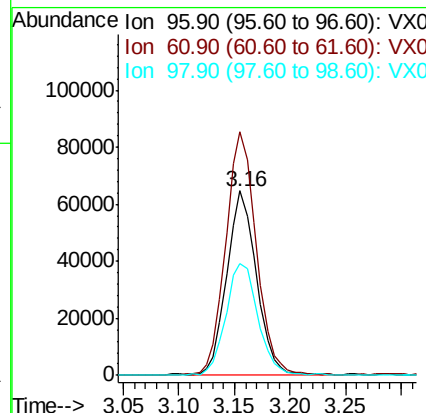
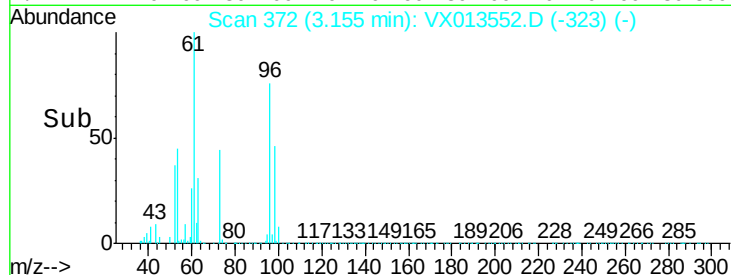
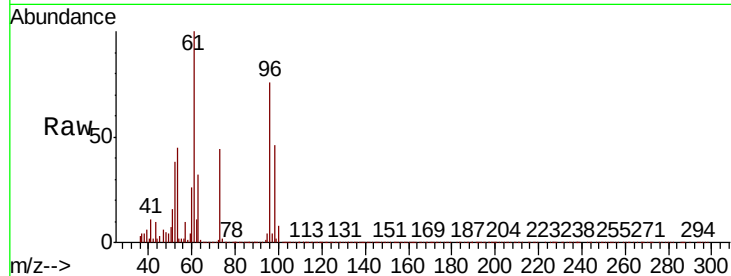
ClientSampleId :

VX1122WBSD03

Tot Ion:	96	Resp:	118736
Ion Ratio	Lower	Upper	
96	100		
61	132.1	105.8	158.6
98	60.3	51.8	77.6

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#22

Diisopropyl ether

Concen: 22.871 ug/l

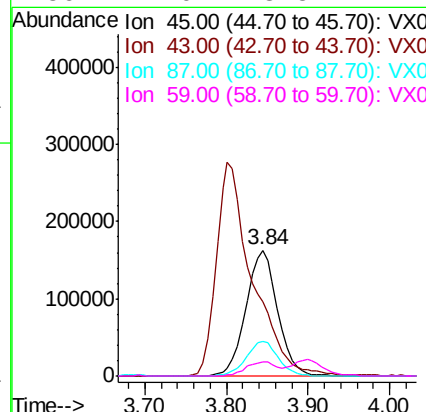
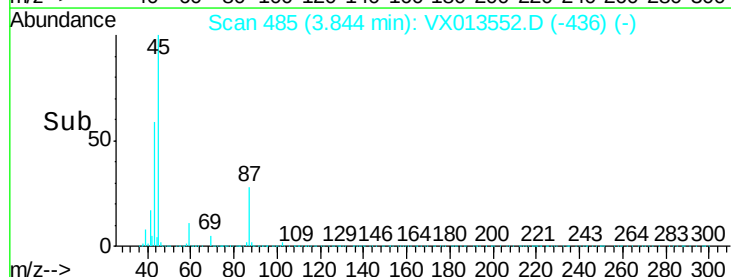
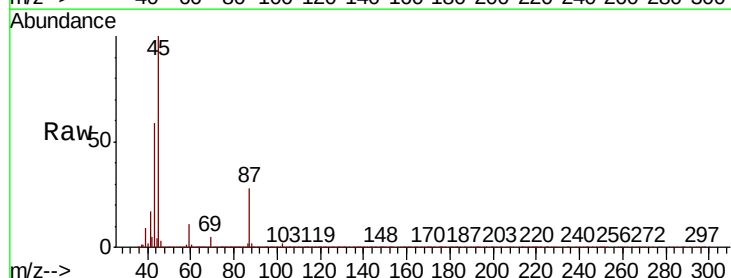
RT: 3.84 min Scan# 485

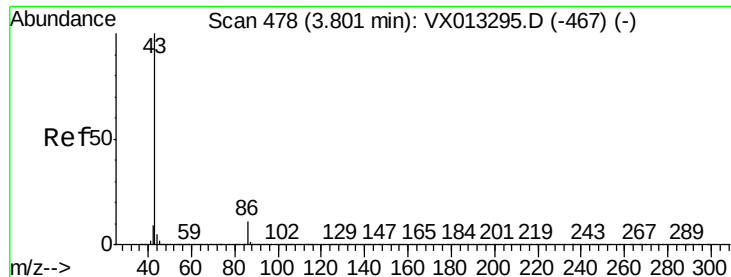
Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Tgt Ion:	45	Resp:	435291
Ion Ratio	Lower	Upper	
45	100		
43	58.4	54.2	81.2
87	27.9	21.8	32.8
59	11.0	8.5	12.7





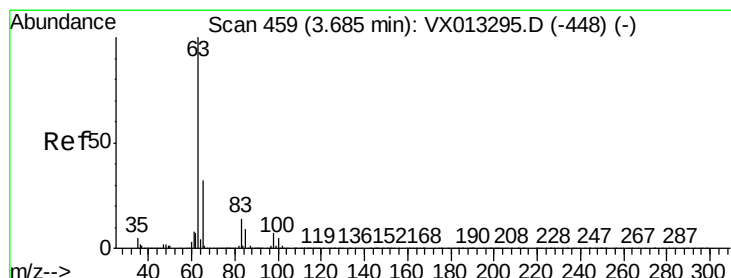
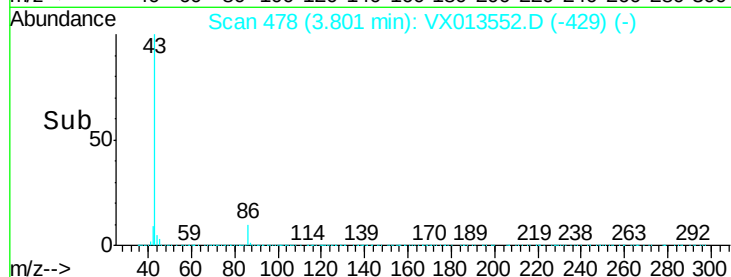
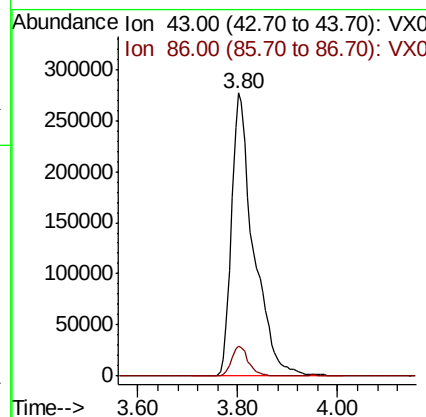
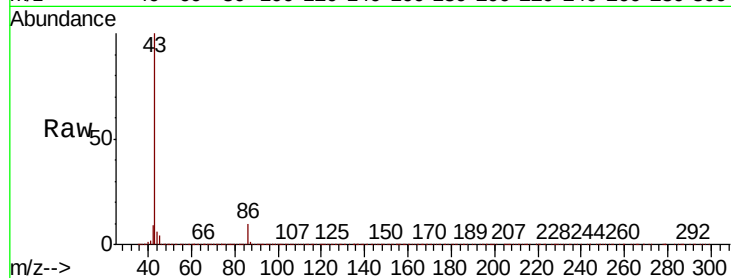
#23
 Vinyl Acetate
 Concen: 52.271 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.3	8.6	13.0

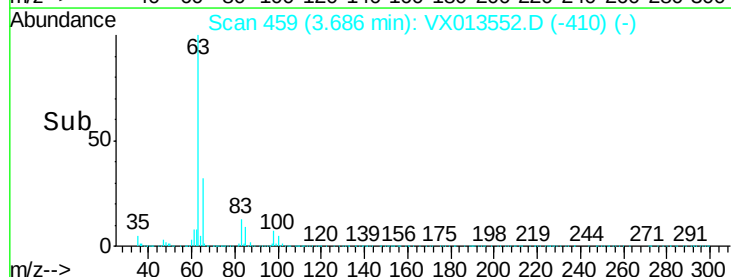
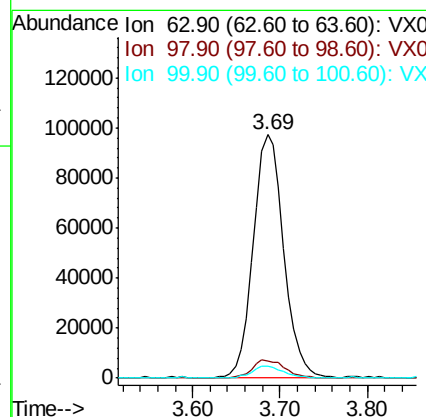
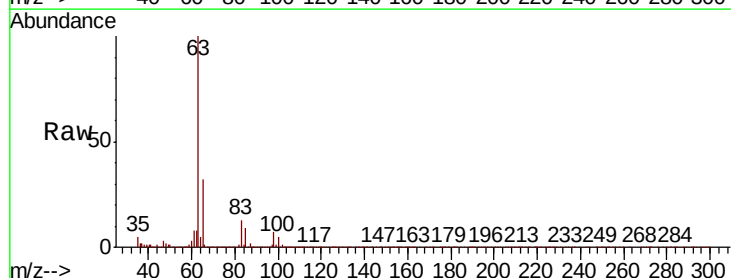
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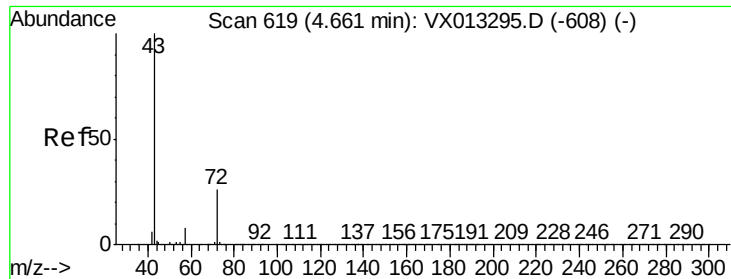
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#24
 1,1-Dichloroethane
 Concen: 22.147 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.4
100	4.8	2.4	7.2





#25

2-Butanone

Concen: 112.145 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Tot Ion: 43 Resp: 575022

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

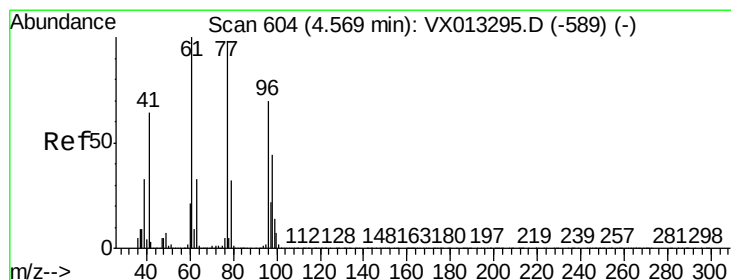
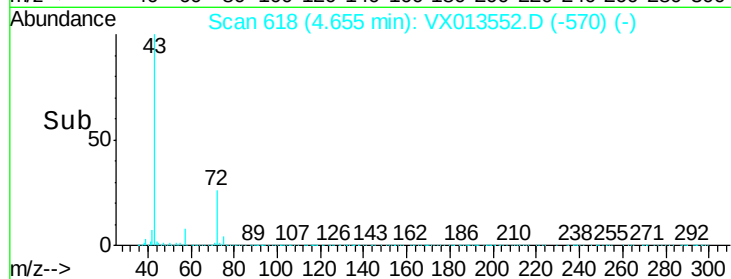
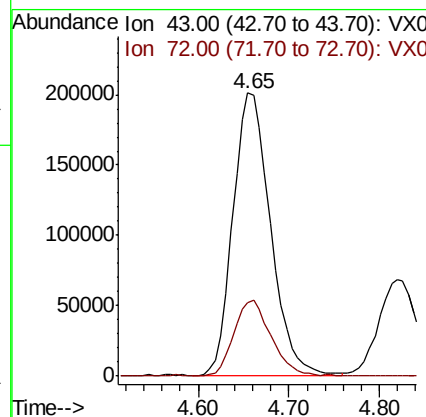
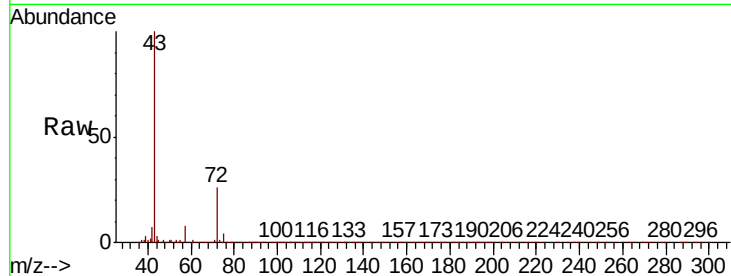
VX1122WBSD03

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#26

2,2-Dichloropropane

Concen: 17.930 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013552.D

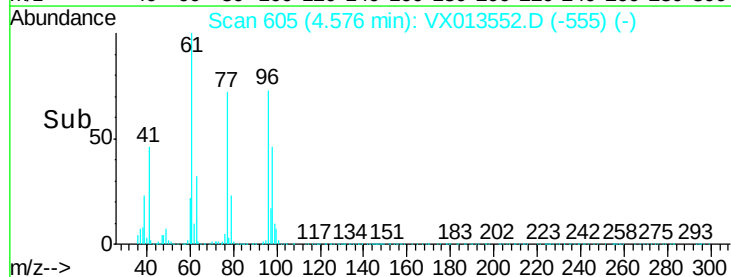
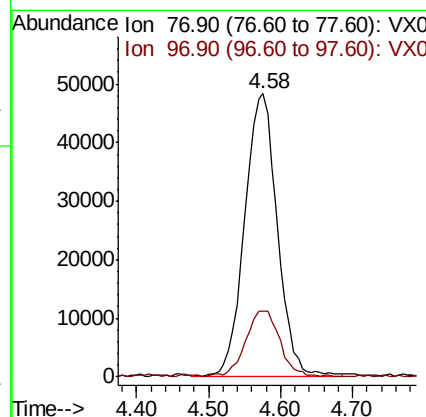
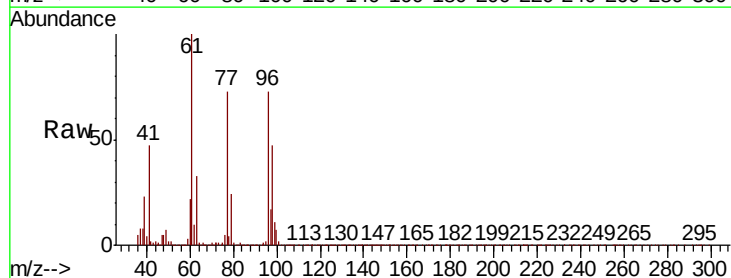
Acq: 22 Nov 2019 23:20

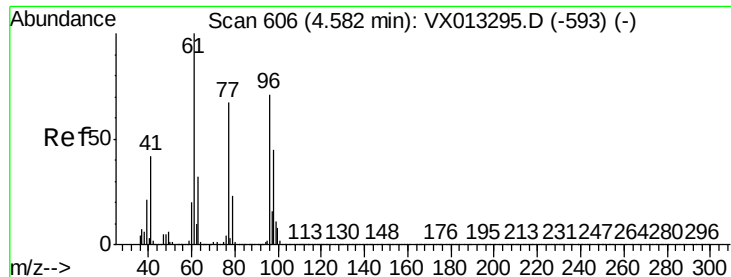
Tgt Ion: 77 Resp: 151859

Ion Ratio Lower Upper

77 100

97 24.7 11.3 33.8





#27

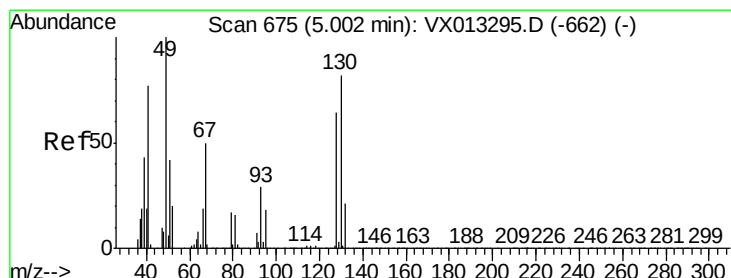
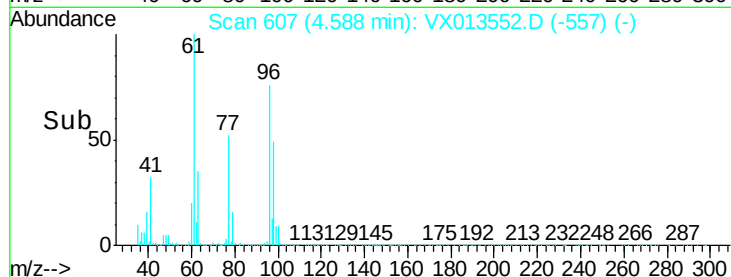
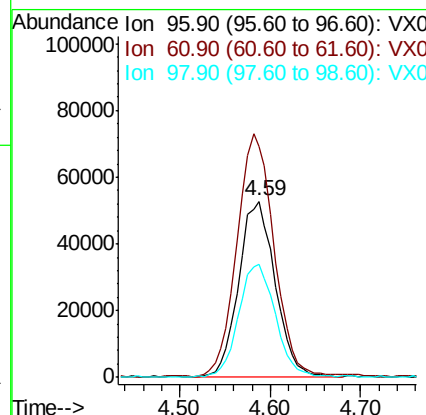
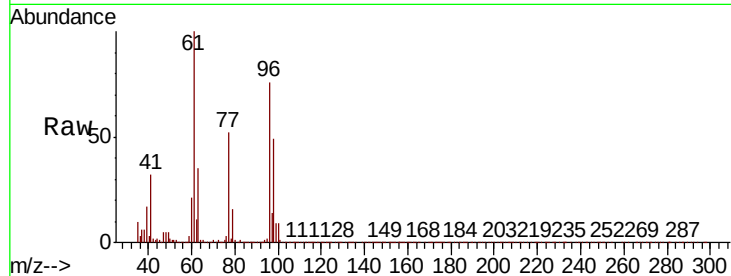
cis-1,2-Dichloroethene
Concen: 22.145 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	146548		
61	140.9	0.0	288.0	
98	65.9	0.0	129.6	

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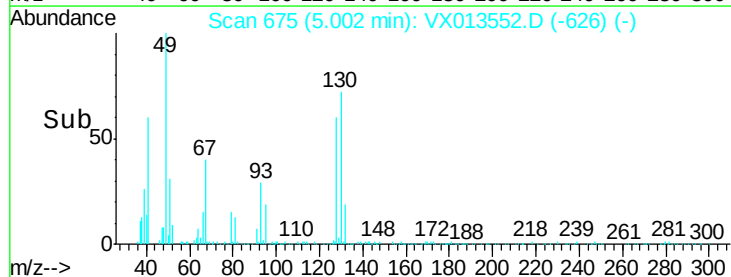
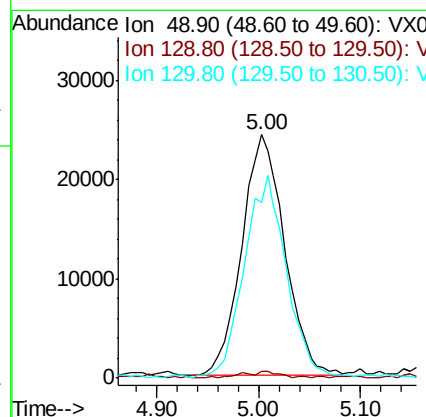
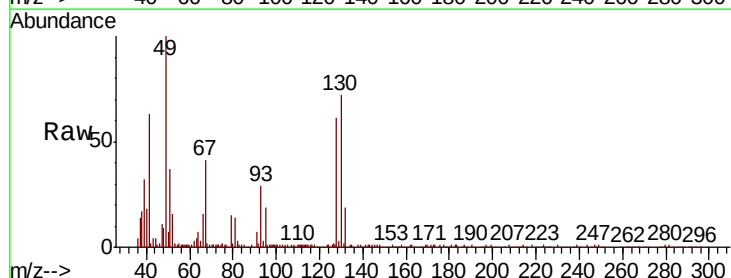
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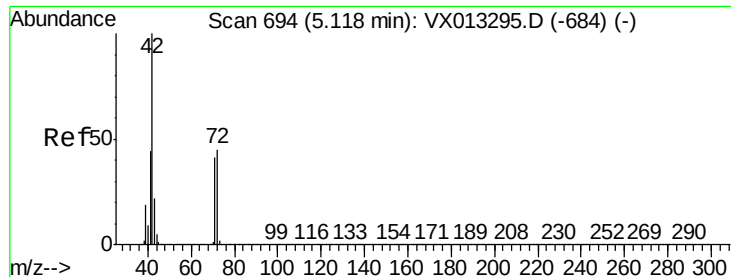


#28

Bromochloromethane
Concen: 23.387 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	70699		
129	2.5	0.0	5.2	
130	81.8	63.8	95.6	





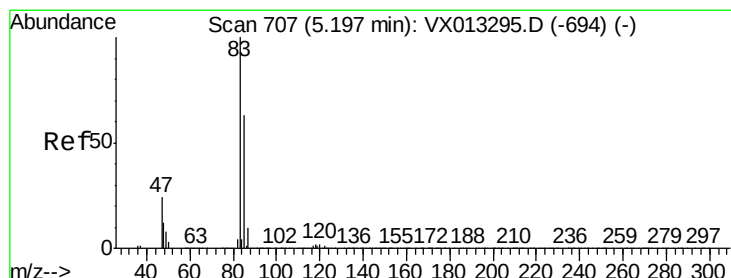
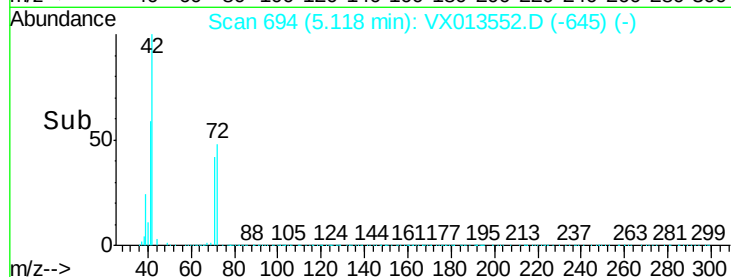
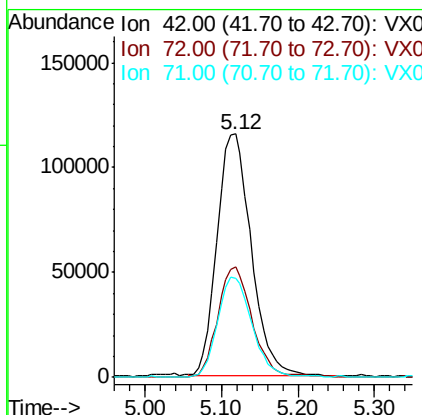
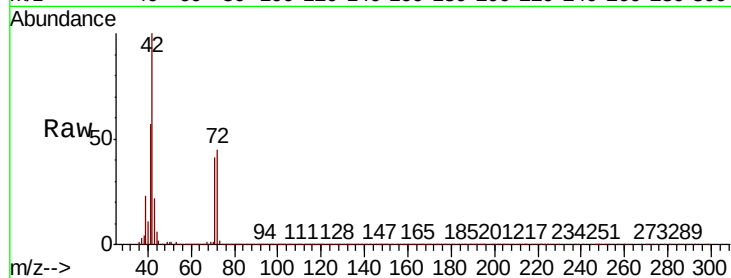
#29
Tetrahydrofuran
Concen: 113.430 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	35.8	53.8
71	41.4	33.4	50.0

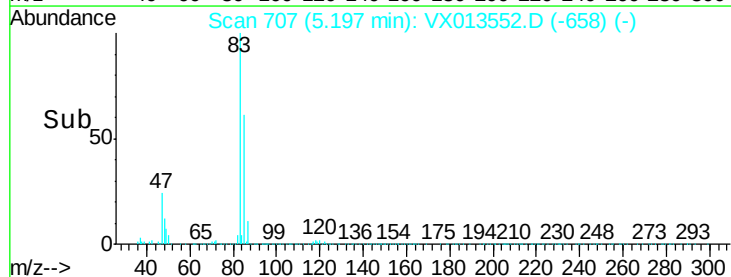
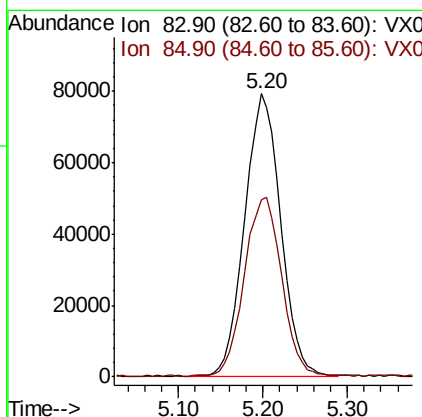
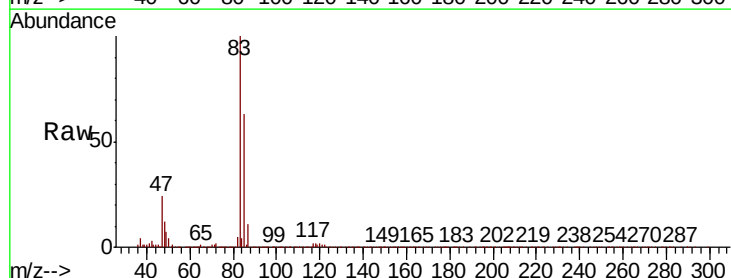
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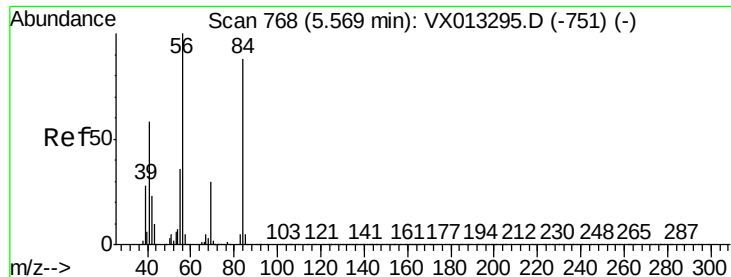
MMDadoda
11/25/2019 10:39:53 AM



#30
Chloroform
Concen: 21.947 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.2	75.4





#31

Cyclohexane

Concen: 18.469 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

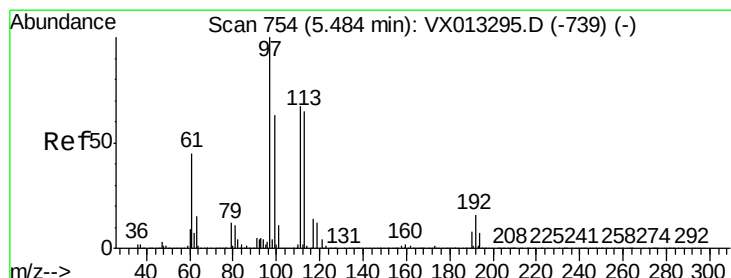
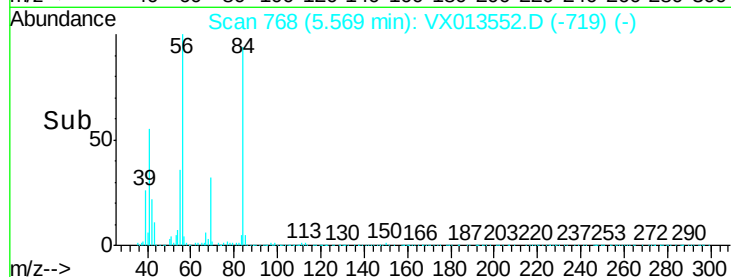
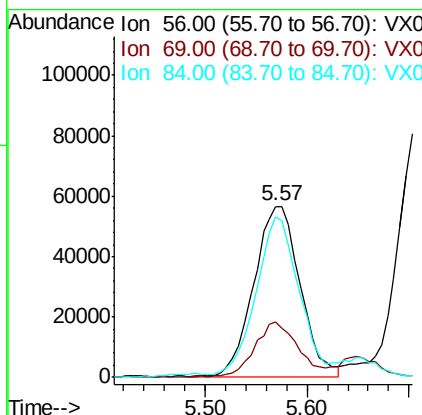
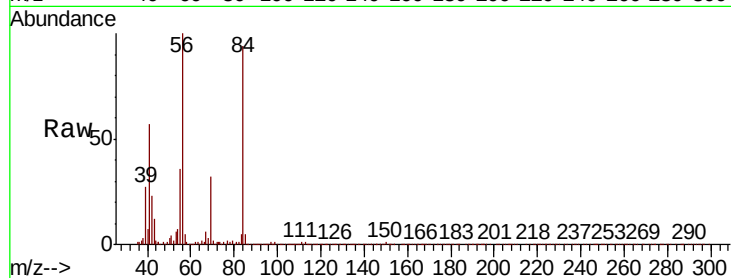
ClientSampleId :

VX1122WBSD03

Tot Ion:	56	Resp:	176939
Ion	Ratio	Lower	Upper
56	100		
69	32.0	23.7	35.5
84	92.2	70.6	105.8

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#32

1,1,1-Trichloroethane

Concen: 20.841 ug/l

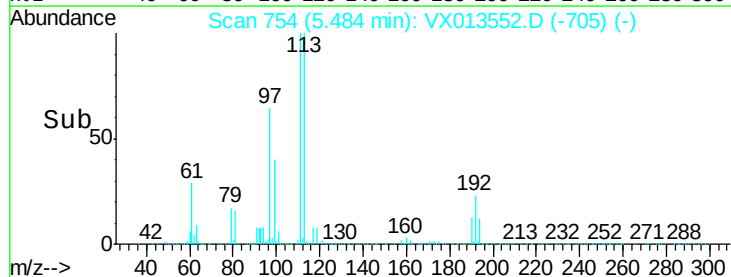
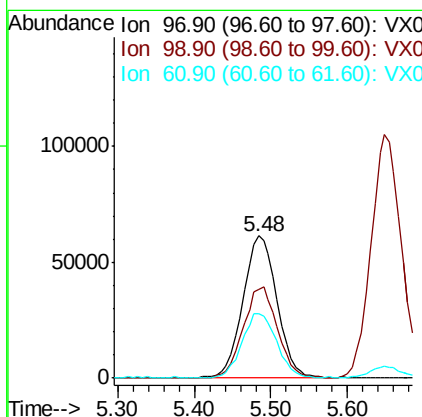
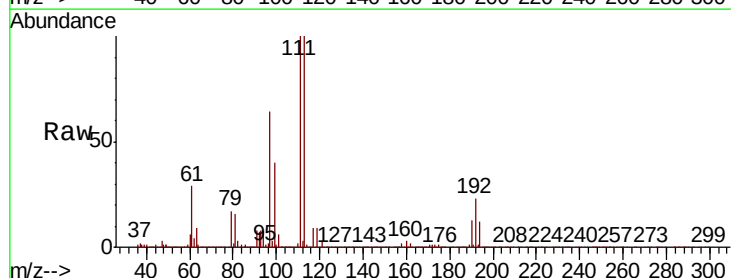
RT: 5.48 min Scan# 754

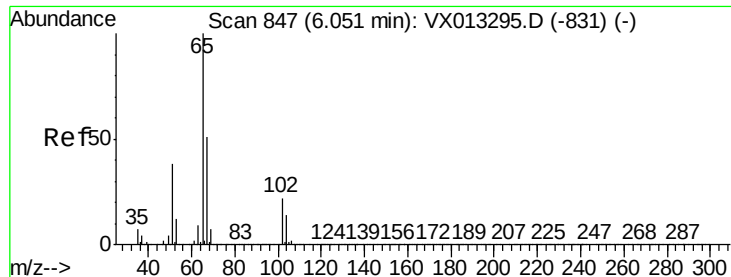
Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Tgt Ion:	97	Resp:	188556
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	45.9	36.5	54.7





#33

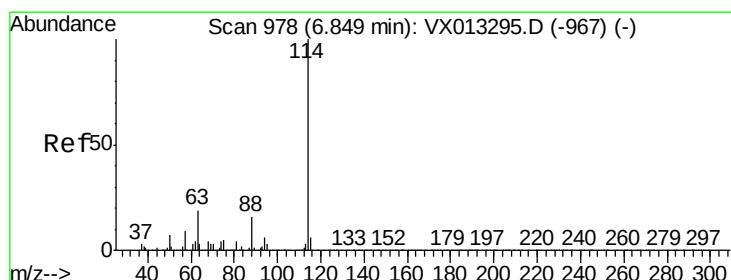
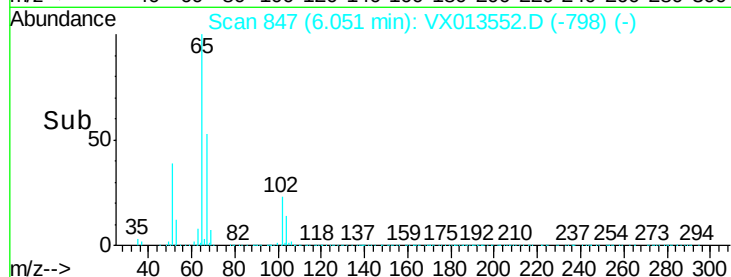
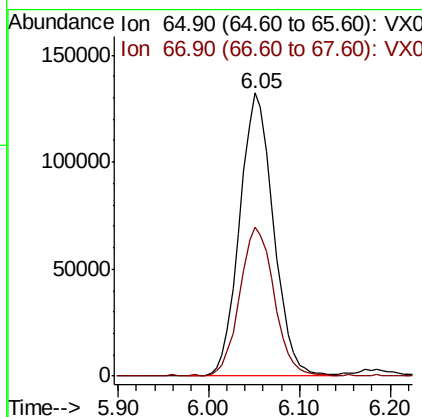
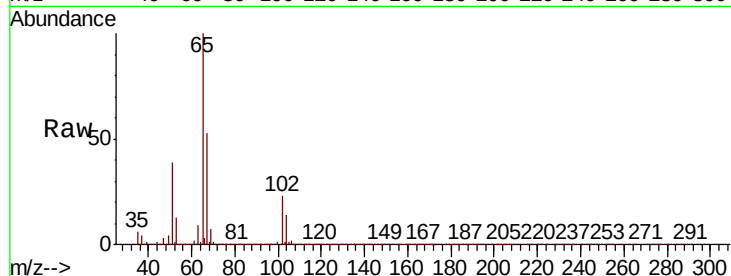
1,2-Dichloroethane-d4
Concen: 48.752 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
65	100	341625		
67	53.1	0.0	104.2	

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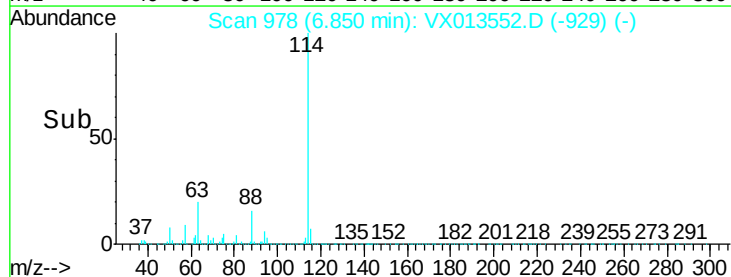
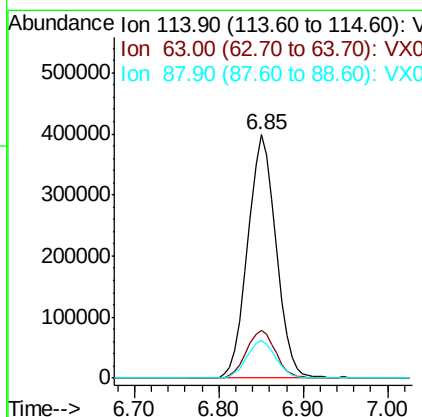
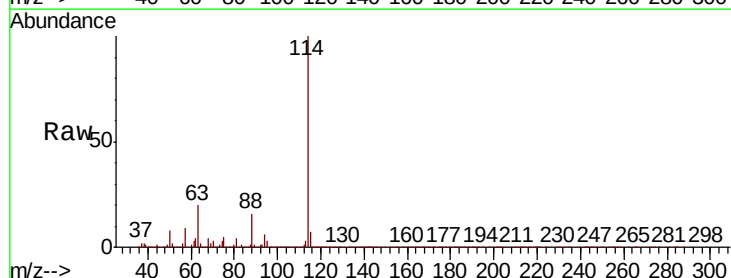
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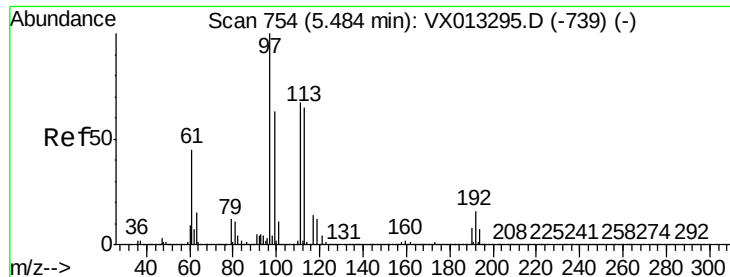


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	907793		
63	19.8	0.0	38.4	
88	15.5	0.0	32.2	





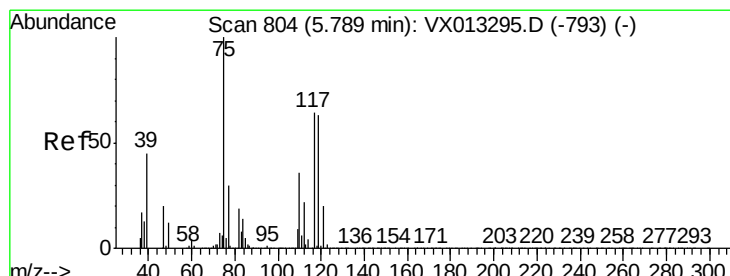
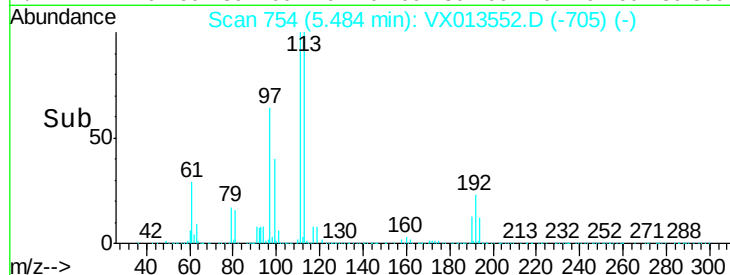
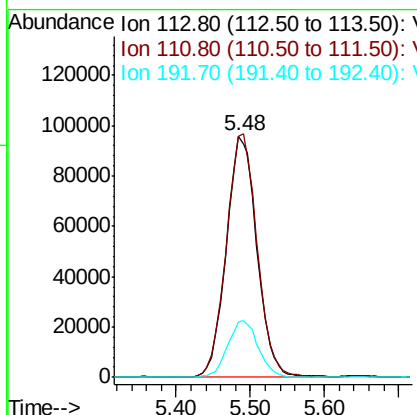
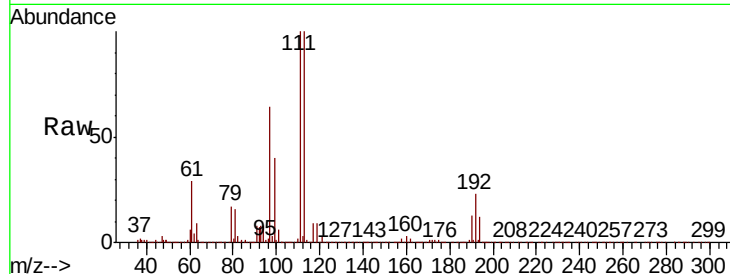
#35
 Dibromofluoromethane
 Concen: 48.149 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
113	100	274152		
111	101.7	81.9	122.9	
192	23.6	19.1	28.7	

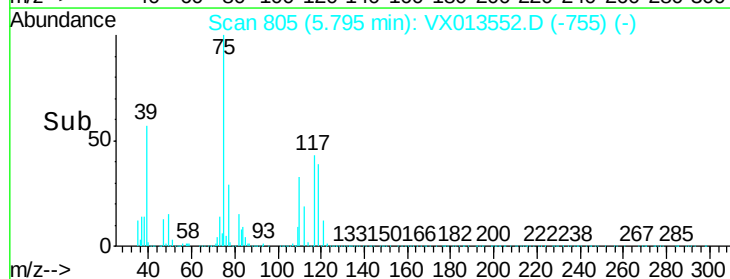
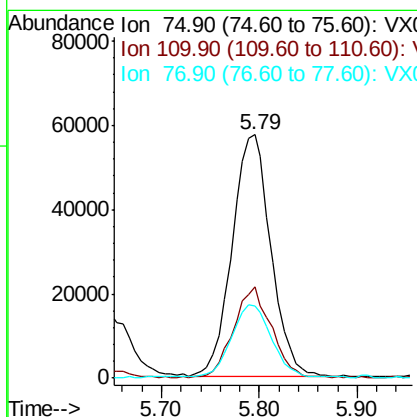
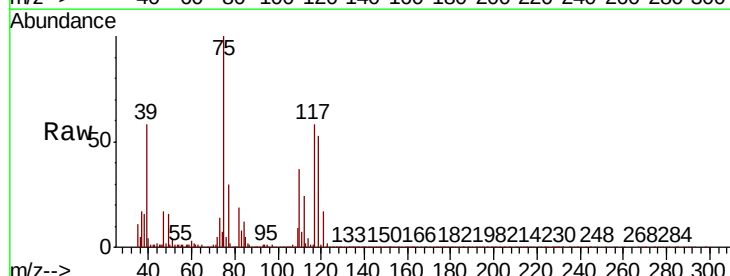
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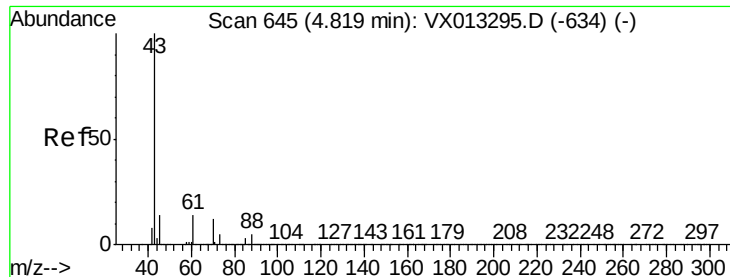
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#36
 1,1-Dichloropropene
 Concen: 20.285 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	157978		
110	37.0	18.1	54.1	
77	31.6	25.0	37.4	





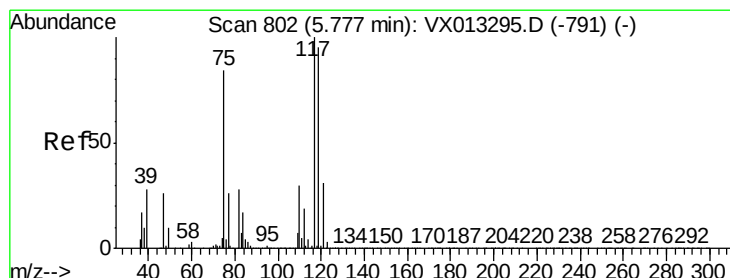
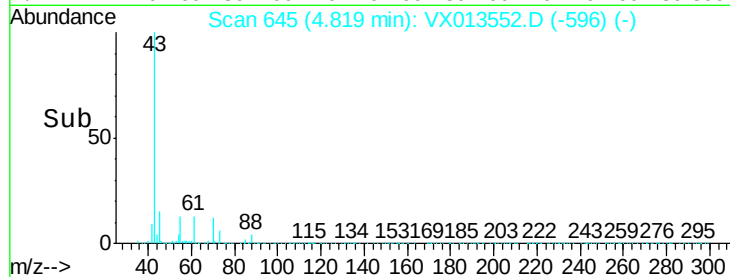
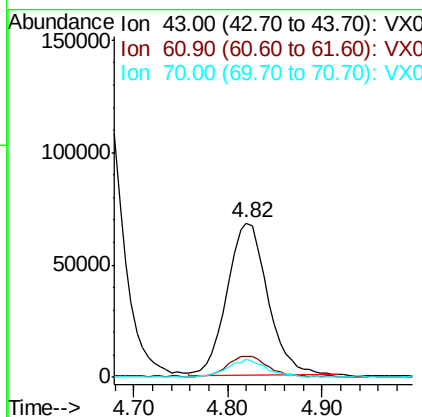
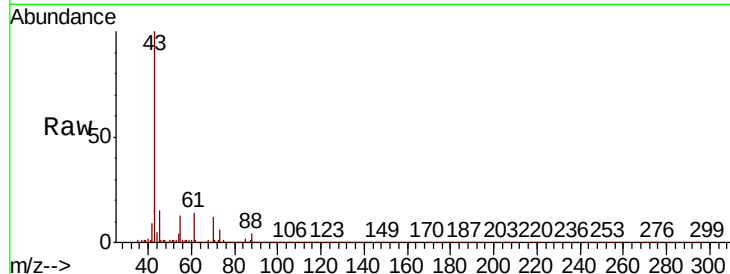
#37
Ethyl Acetate
Concen: 21.272 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.9	8.7	13.1

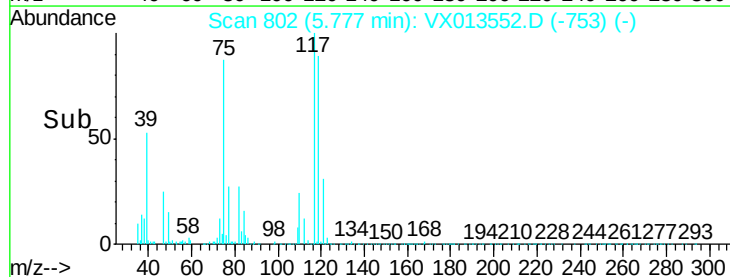
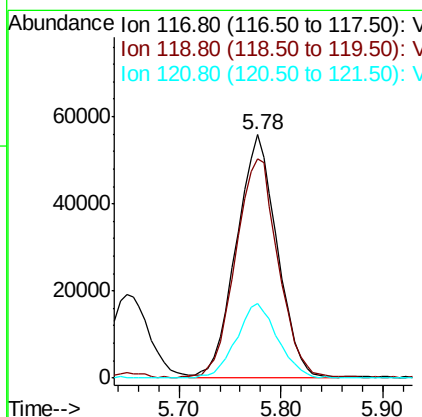
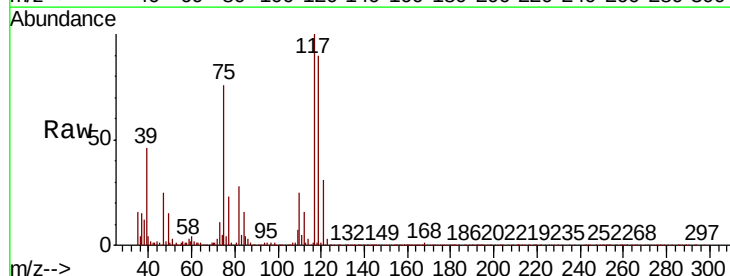
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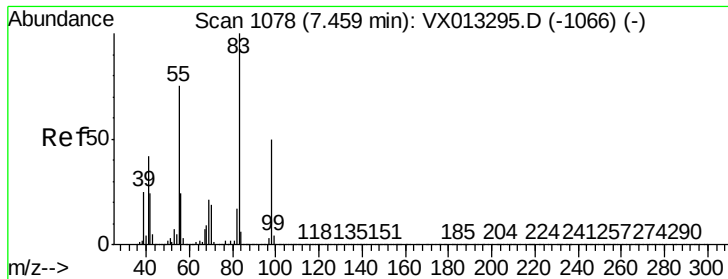
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#38
Carbon Tetrachloride
Concen: 20.233 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.8	76.1	114.1
121	30.4	24.6	37.0





#39

Methvlcvclohexane

Concen: 17.814 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

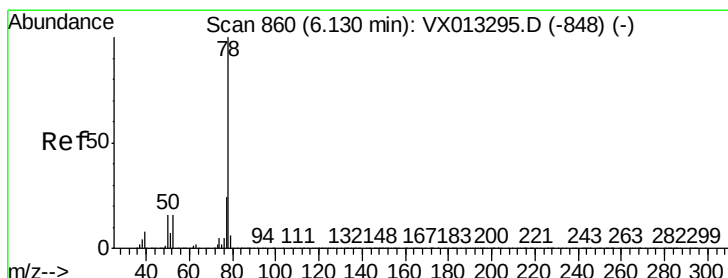
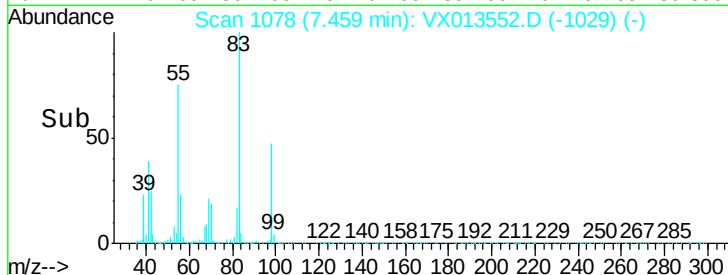
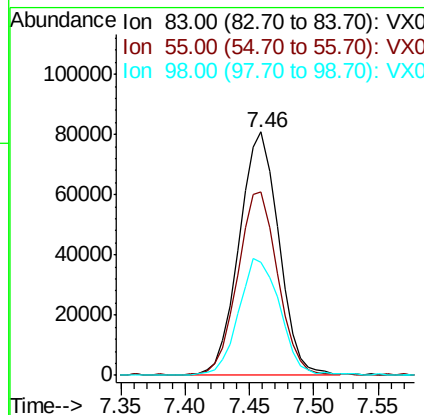
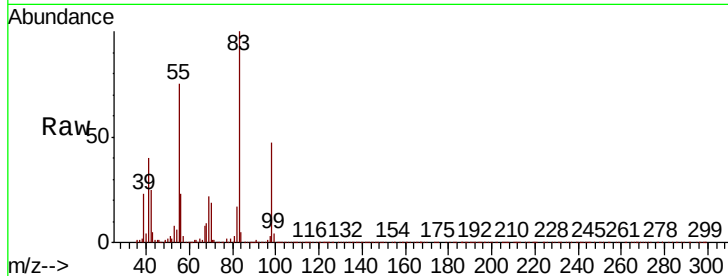
ClientSampleId :

VX1122WBSD03

Tot Ion:	83	Resp:	172865
Ion Ratio	Lower	Upper	
83	100		
55	74.6	60.3	90.5
98	46.3	40.3	60.5

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#40

Benzene

Concen: 21.293 ug/l

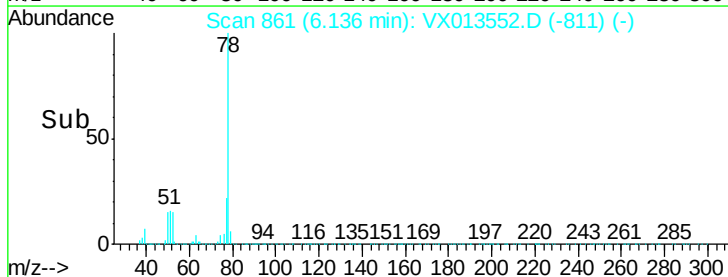
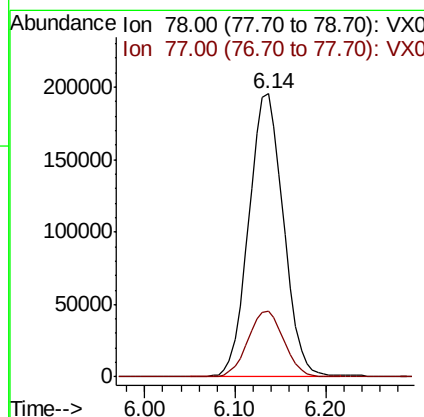
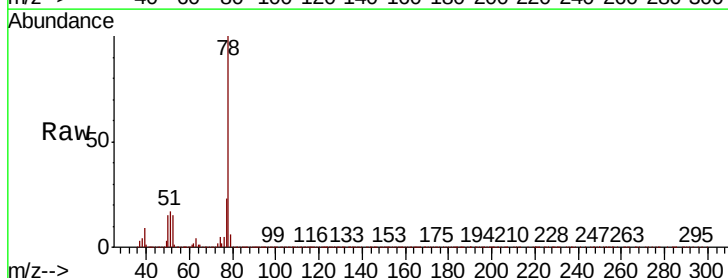
RT: 6.14 min Scan# 861

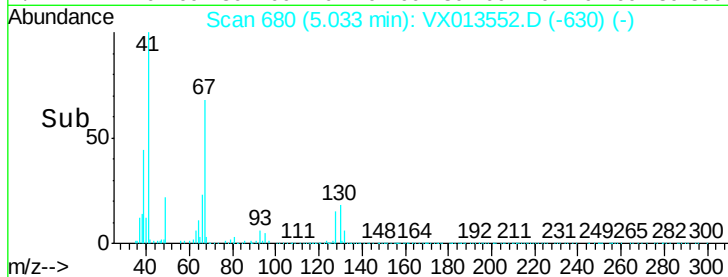
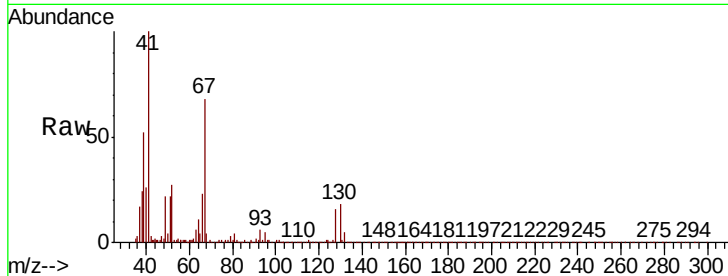
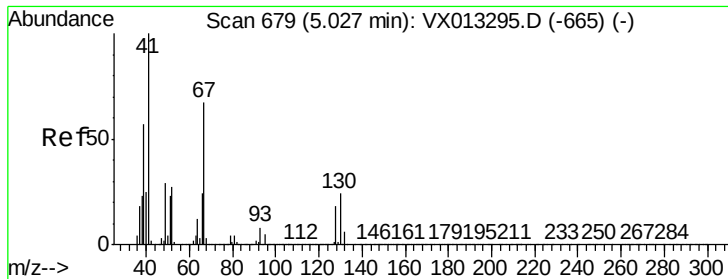
Delta R.T. 0.01 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

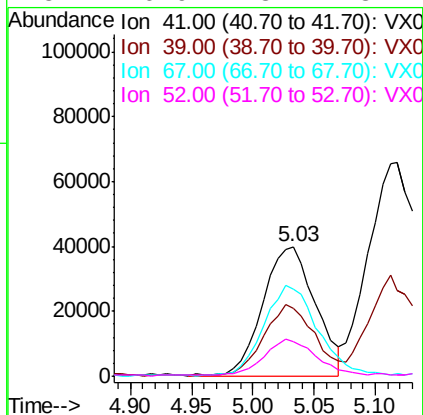
Tgt Ion:	78	Resp:	516540
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.5	29.3





#41
Methacrylonitrile
Concen: 22.266 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

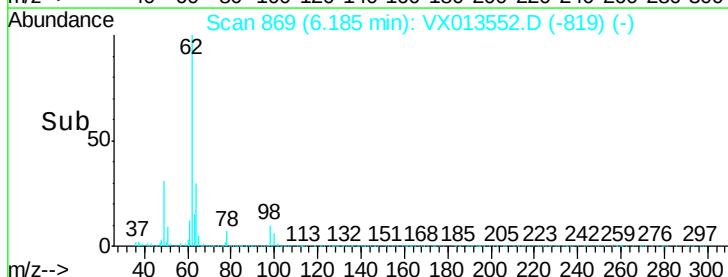
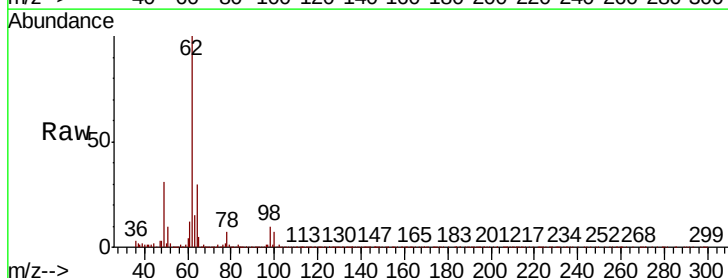
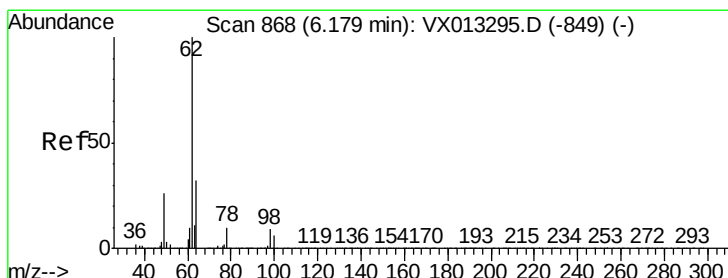
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	45.0	67.6	
67	71.0	55.4	83.2	
52	26.9	23.1	34.7	



Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

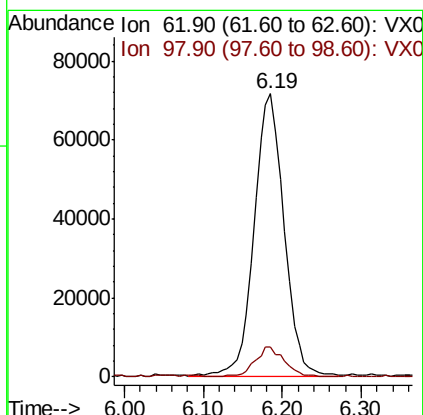
Manual Integrations
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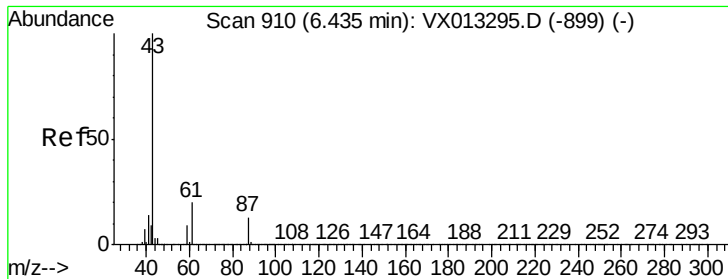
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.414 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.4	





#43

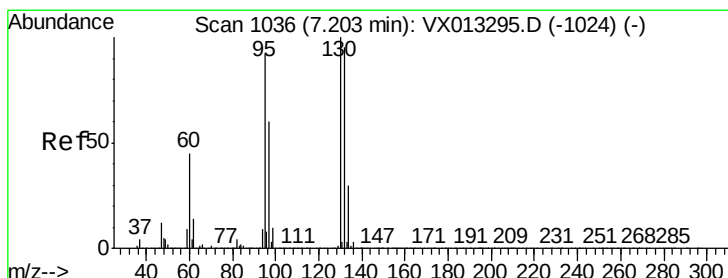
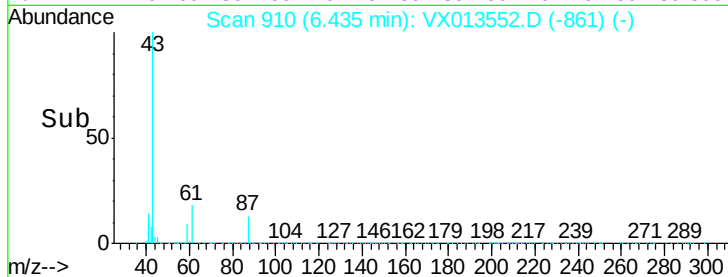
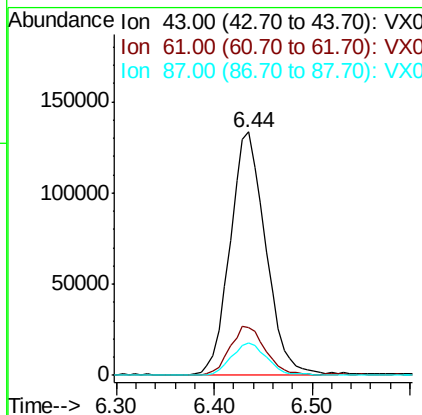
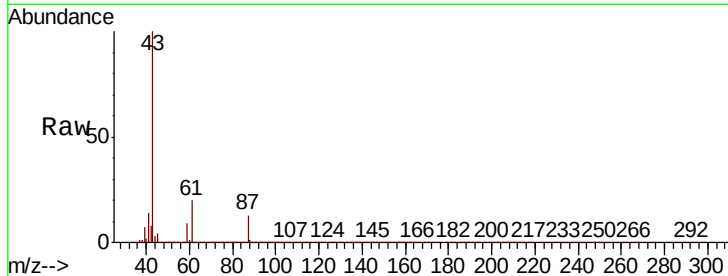
Isopropyl Acetate
 Concen: 22.298 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.8	23.8
87	13.1	10.4	15.6

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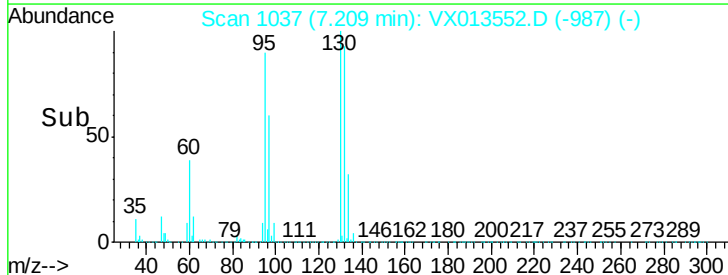
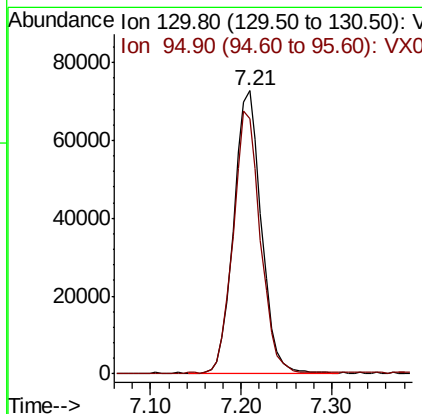
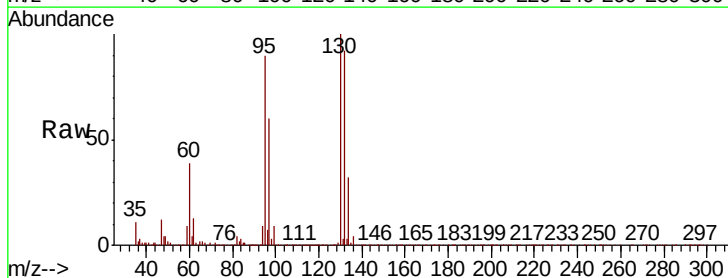
MMDadoda
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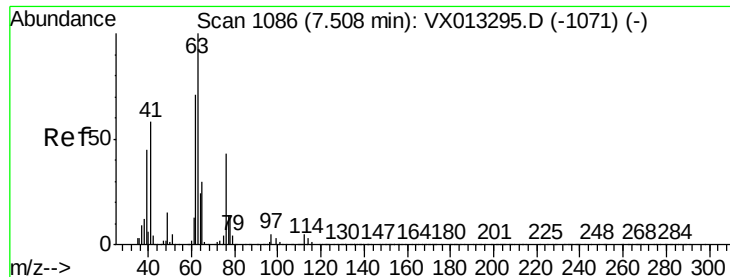


#44

Trichloroethene
 Concen: 23.098 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	184.8





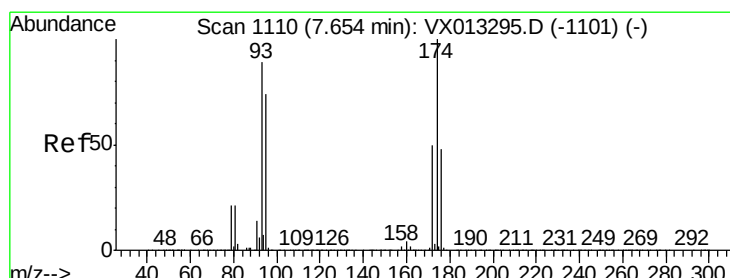
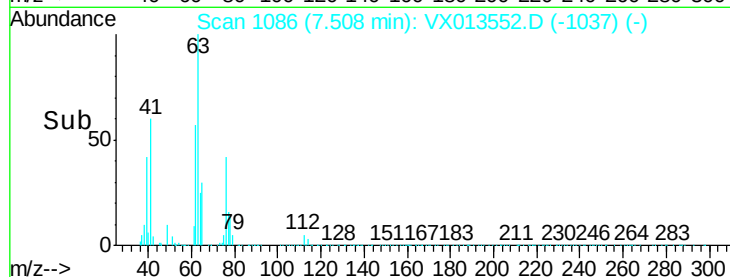
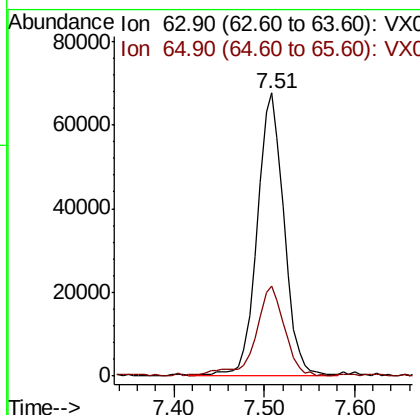
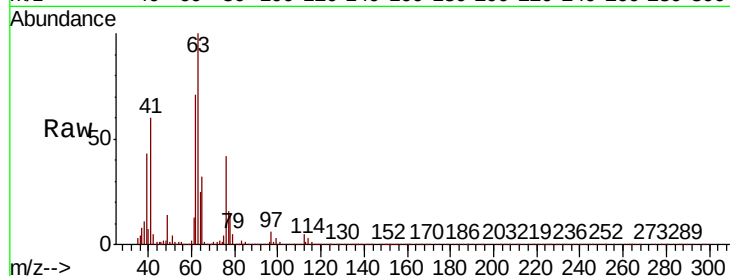
#45
 1,2-Dichloropropane
 Concen: 22.508 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.3	36.5

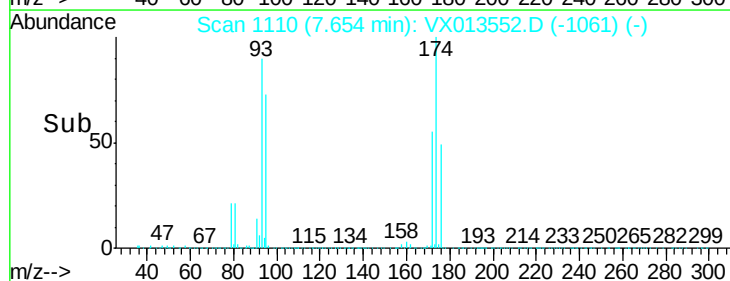
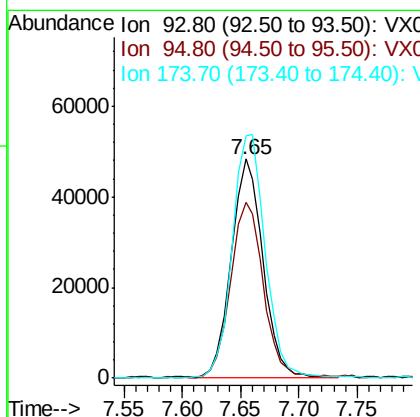
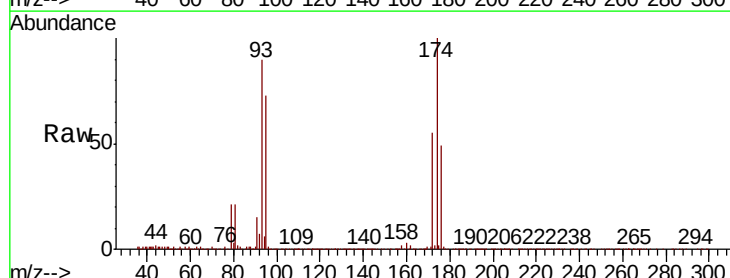
Manual Integrations
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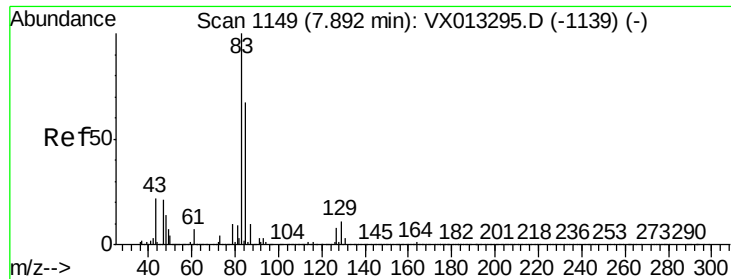
MMDadoda
 11/25/2019 10:39:53 AM



#46
 Dibromomethane
 Concen: 21.516 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.8	98.6
174	117.3	90.4	135.6





#47

Bromodichloromethane

Concen: 22.558 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

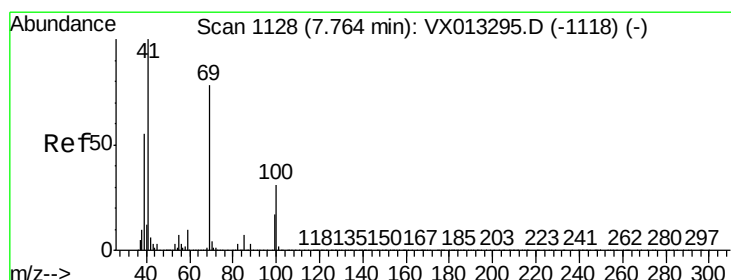
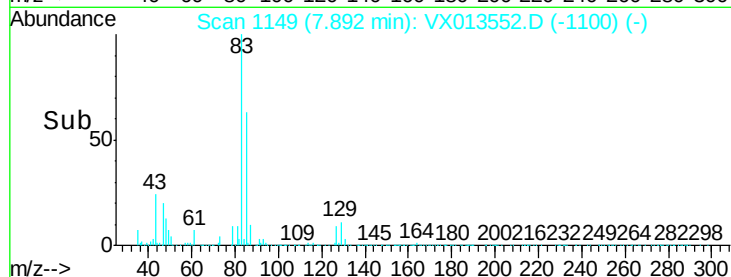
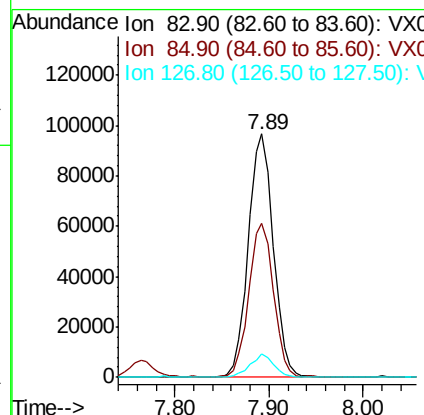
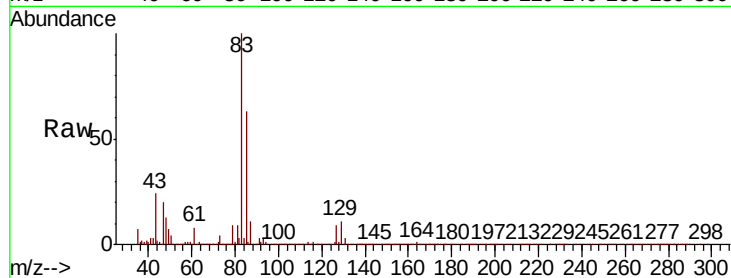
ClientSampleId :

VX1122WBSD03

Tot Ion:	83	Resp:	179519
Ion Ratio	Lower	Upper	
83	100		
85	62.8	53.7	80.5
127	9.3	6.4	9.6

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#48

Methyl methacrylate

Concen: 21.654 ug/l

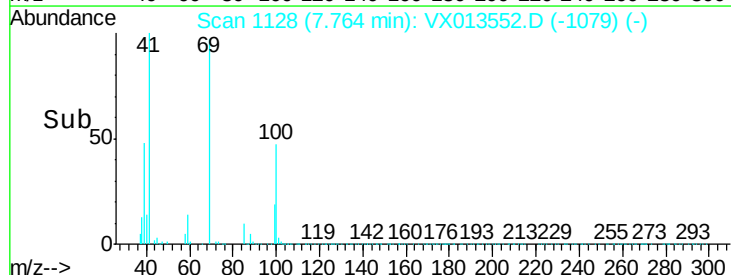
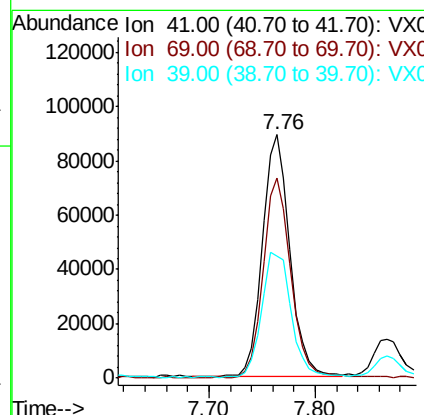
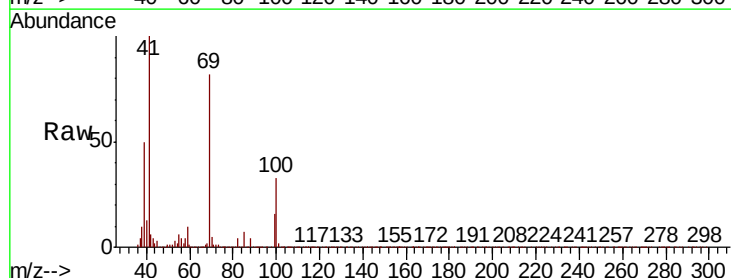
RT: 7.76 min Scan# 1128

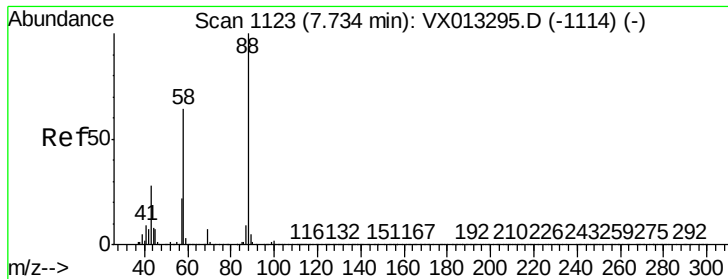
Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Tgt Ion:	41	Resp:	161973
Ion Ratio	Lower	Upper	
41	100		
69	82.8	63.0	94.6
39	55.3	45.9	68.9





#49

1,4-Dioxane

Concen: 379.570 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

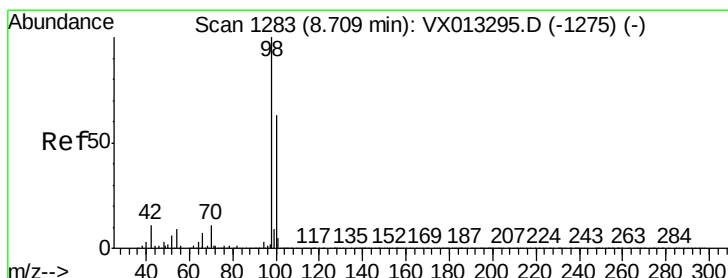
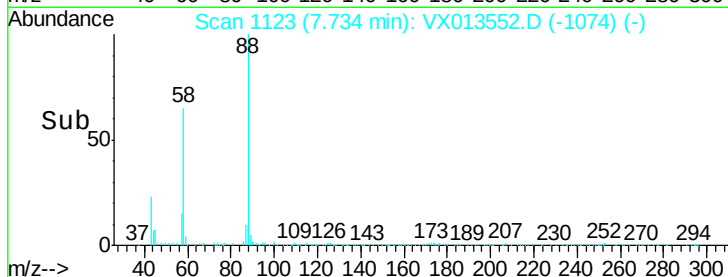
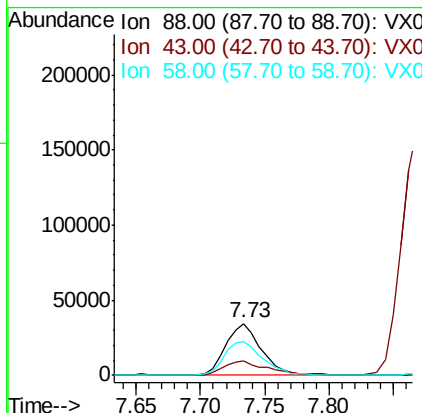
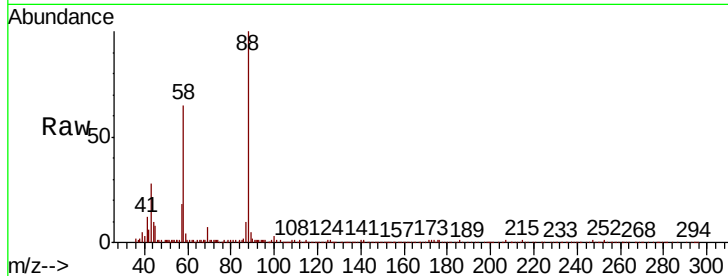
ClientSampleId :

VX1122WBSD03

Tot Ion:	88	Resp:	65021
Ion	Ratio	Lower	Upper
88	100		
43	36.8	26.6	39.8
58	70.3	55.0	82.6

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#50

Toluene-d8

Concen: 47.854 ug/l

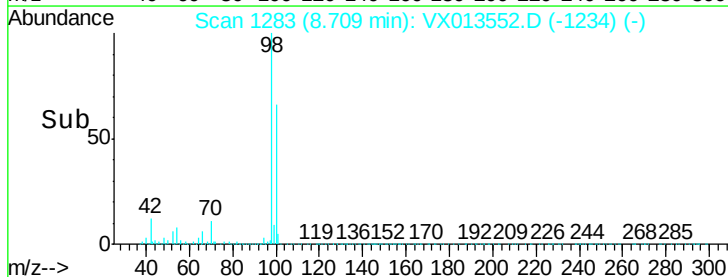
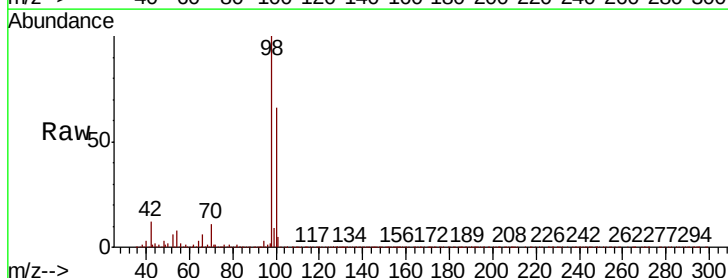
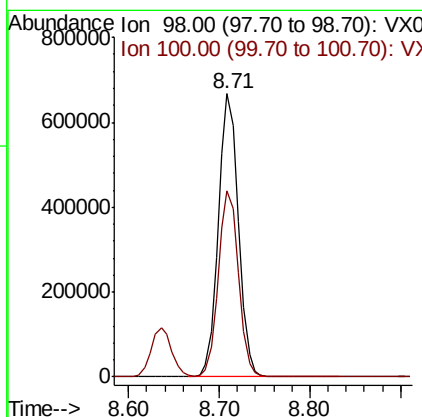
RT: 8.71 min Scan# 1283

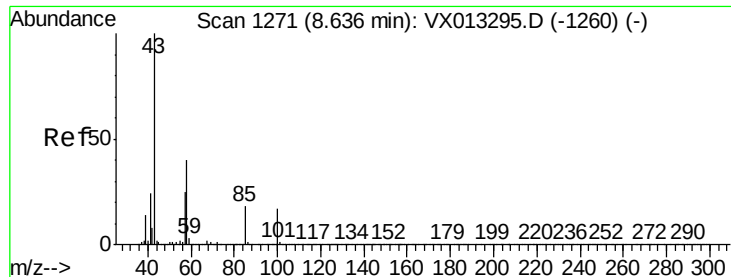
Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Tgt Ion:	98	Resp:	1027192
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 112.703 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD03

Tot Ion: 43 Resp: 1108020

Ion Ratio Lower Upper

43 100

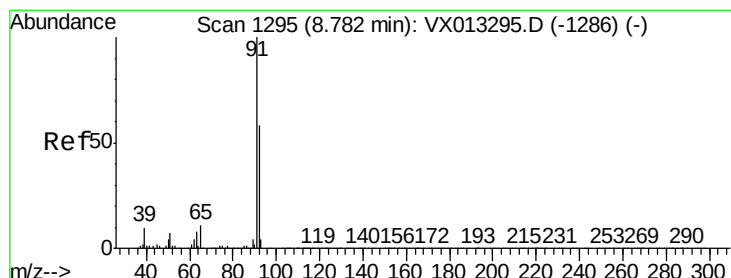
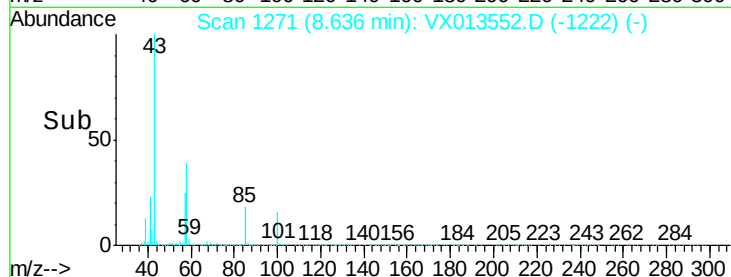
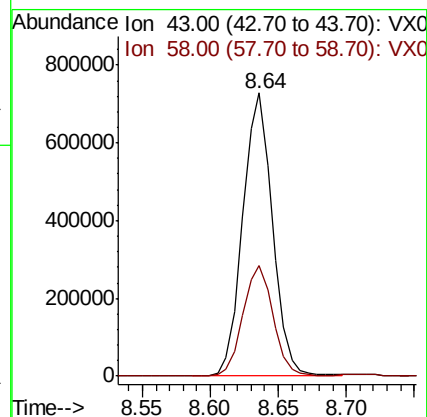
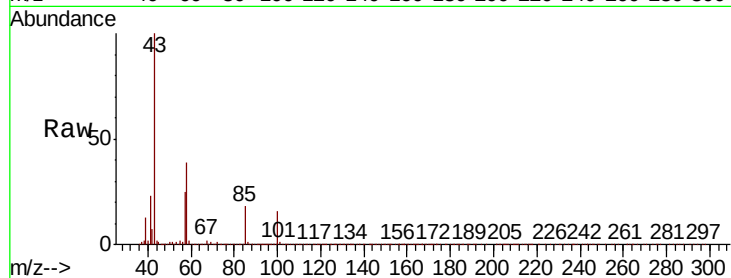
58 39.6 31.4 47.0

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#52

Toluene

Concen: 21.528 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013552.D

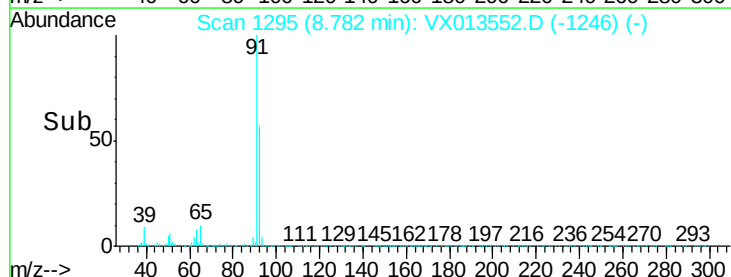
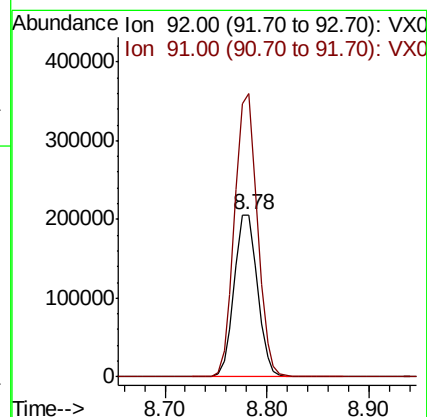
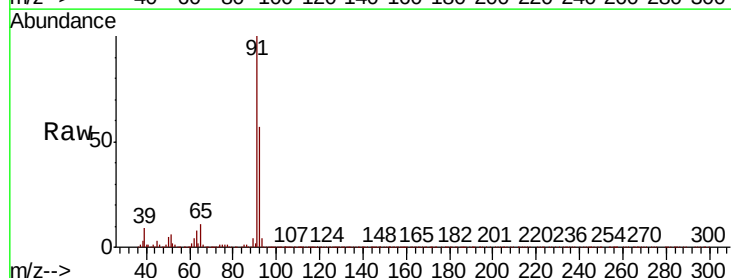
Acq: 22 Nov 2019 23:20

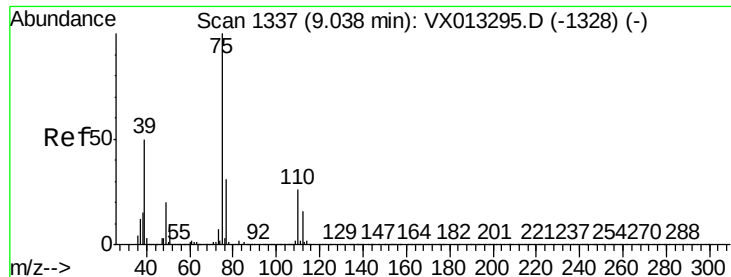
Tgt Ion: 92 Resp: 323684

Ion Ratio Lower Upper

92 100

91 171.5 138.0 207.0





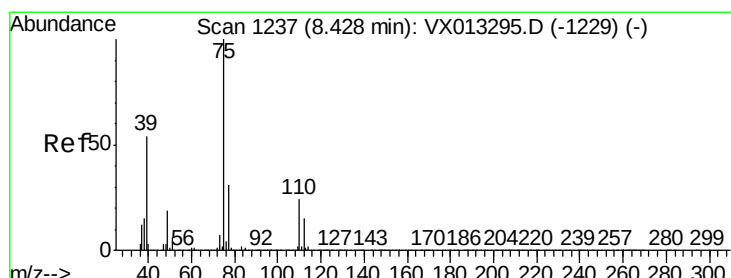
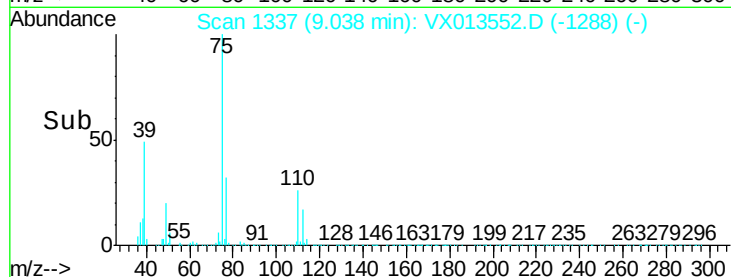
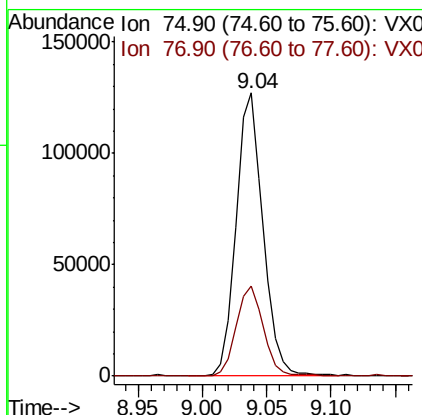
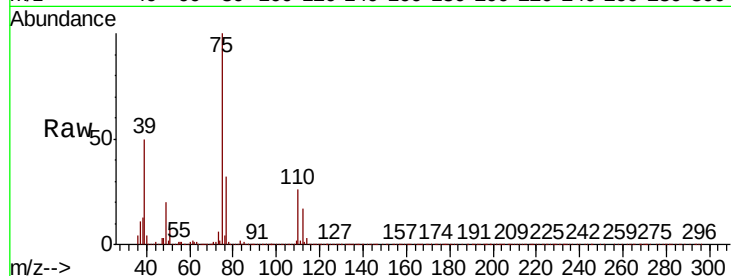
#53
t-1,3-Dichloropropene
Concen: 21.112 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.4

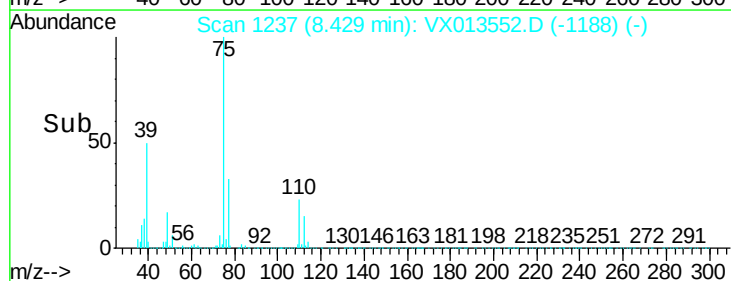
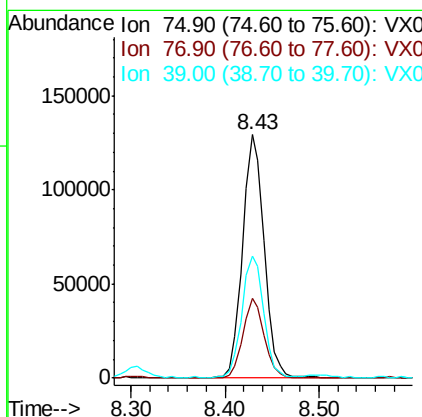
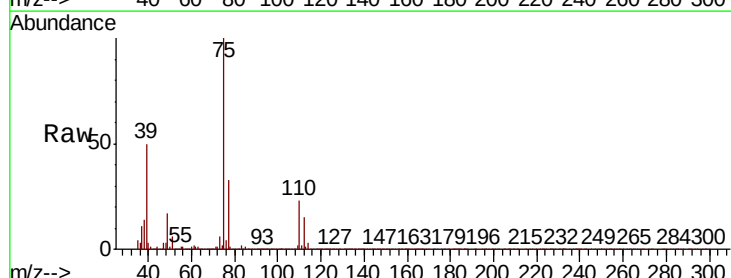
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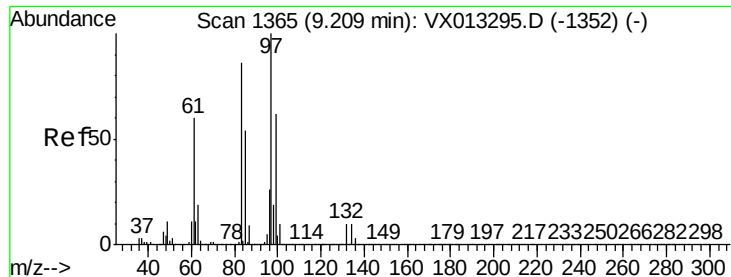
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#54
cis-1,3-Dichloropropene
Concen: 21.326 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.7	37.1
39	49.8	43.0	64.6





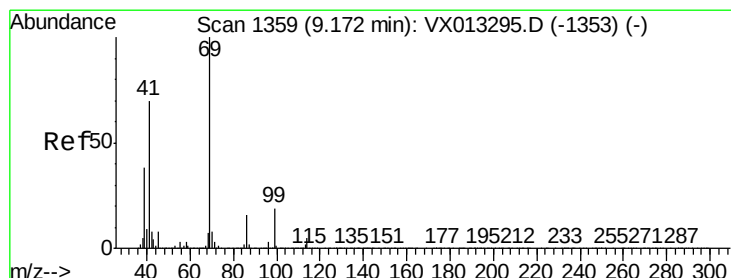
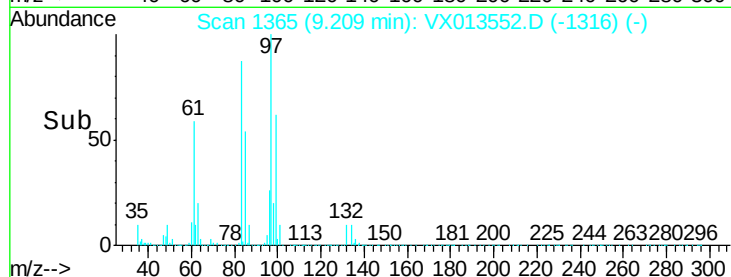
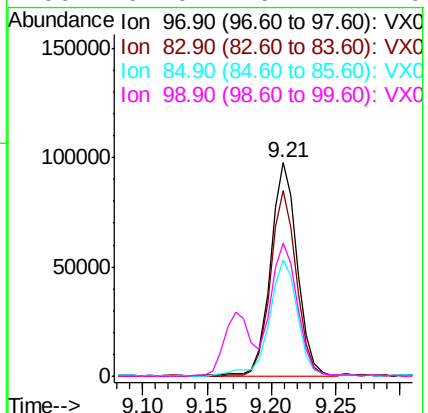
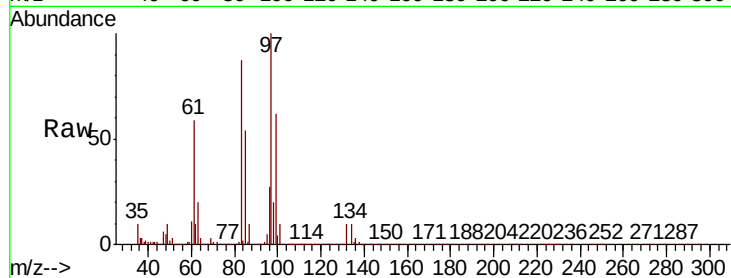
#55
 1,1,2-Trichloroethane
 Concen: 22.749 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD03

Tot Ion:	97	Resp:	141770
Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.6	103.0
85	54.3	43.1	64.7
99	62.0	49.4	74.0

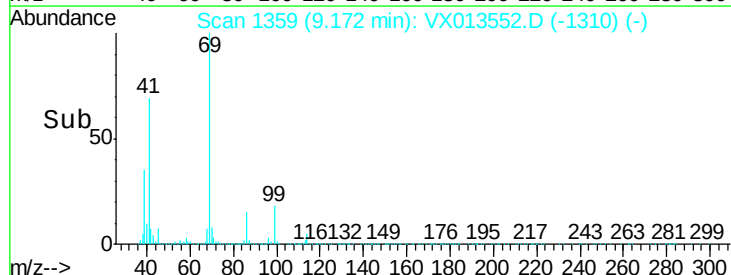
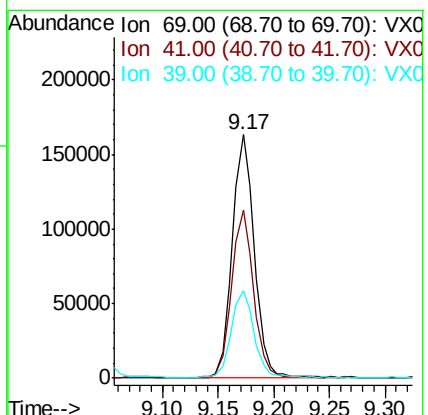
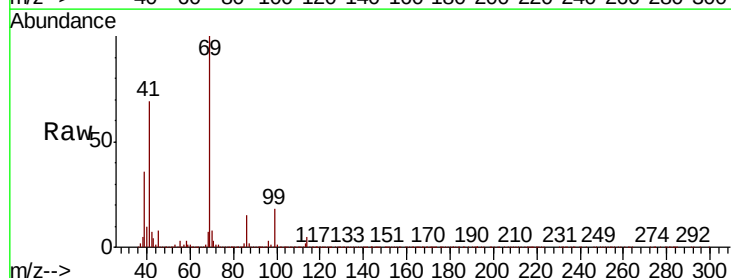
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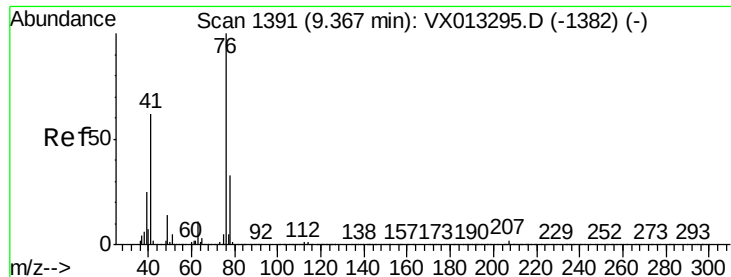
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#56
 Ethyl methacrylate
 Concen: 21.934 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Tgt Ion:	69	Resp:	223724
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.2	84.2
39	36.5	31.1	46.7





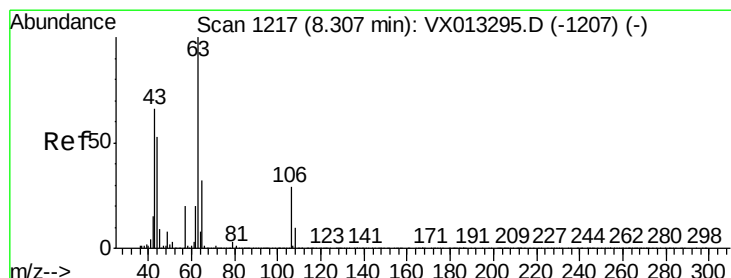
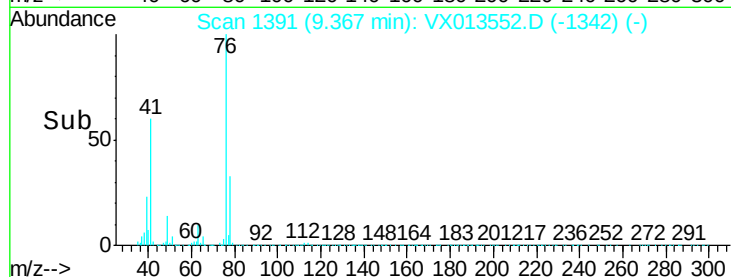
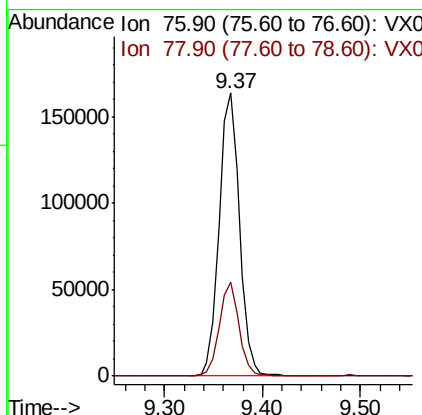
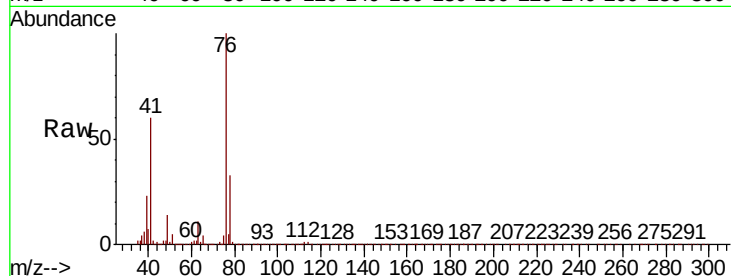
#57
 1,3-Dichloropropane
 Concen: 22.361 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.6

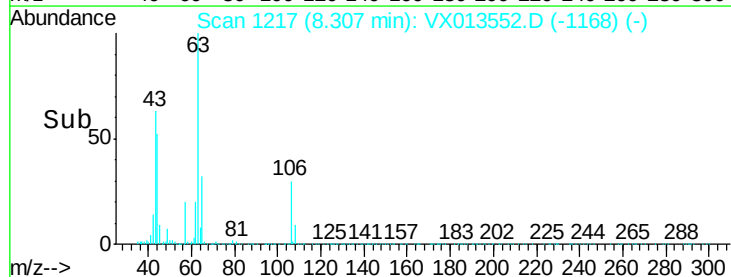
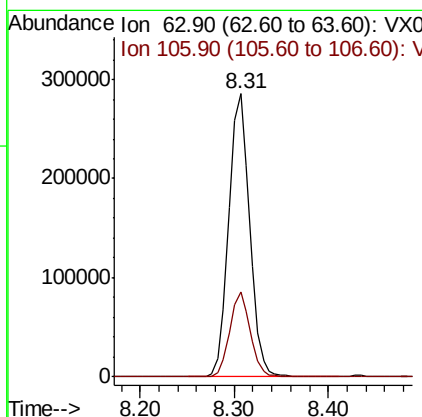
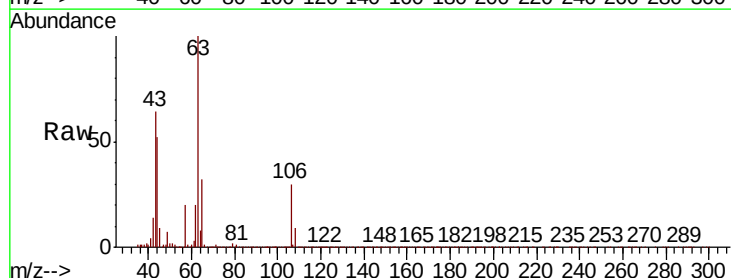
Manual Integrations
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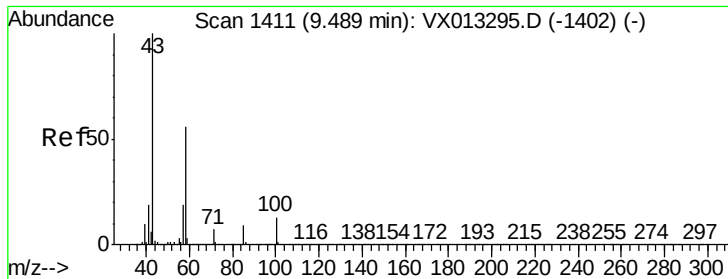
MMDadoda
 11/25/2019 10:39:53 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.520 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.4	35.2





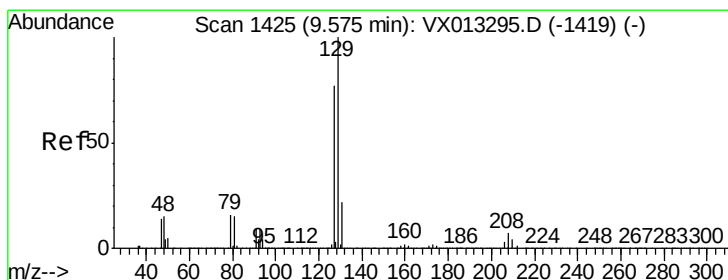
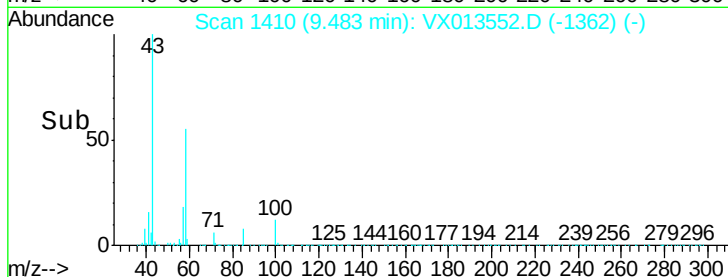
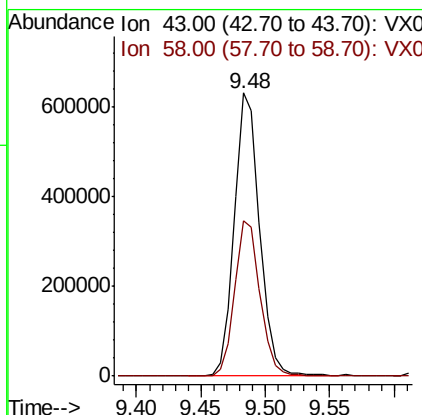
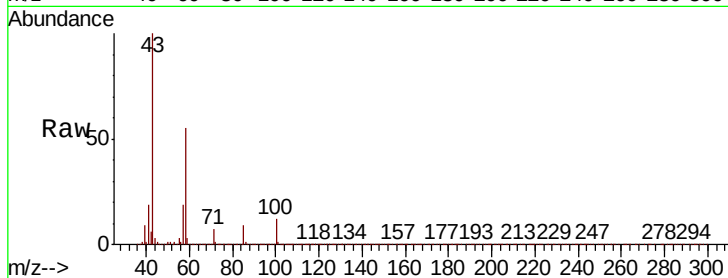
#59
2-Hexanone
Concen: 113.831 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion: 43 Resp: 864824
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8

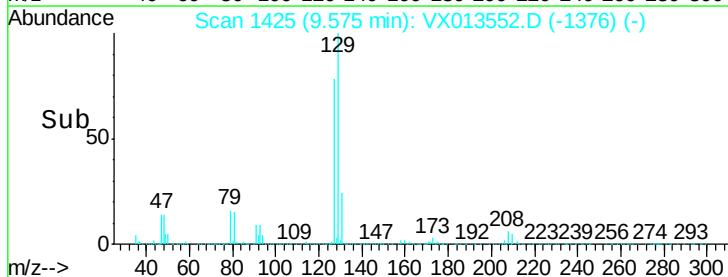
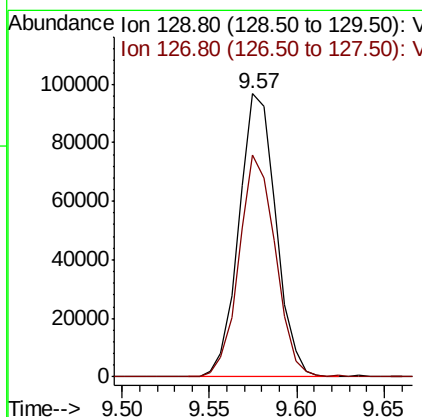
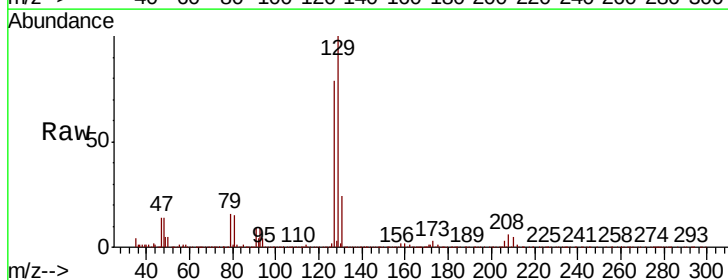
Manual Integrations
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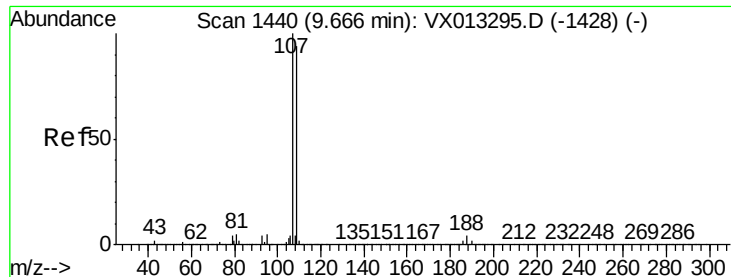
MMDadoda
11/25/2019 10:39:53 AM



#60
Dibromochloromethane
Concen: 22.201 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion: 129 Resp: 141498
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.987 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD03

Tot Ion: 107 Resp: 145500

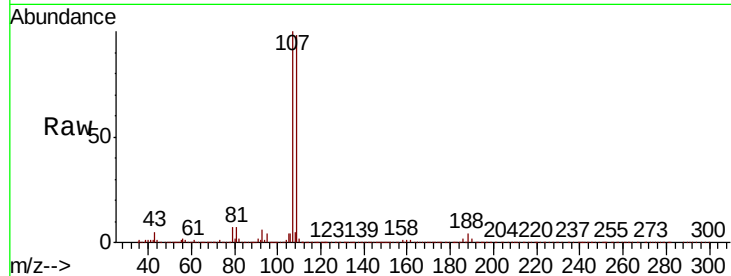
Ion Ratio Lower Upper

107 100

109 95.5 75.1 112.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

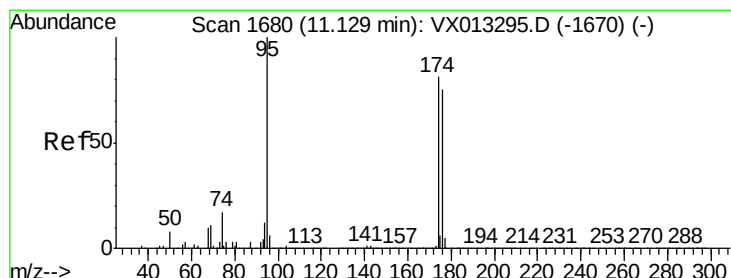
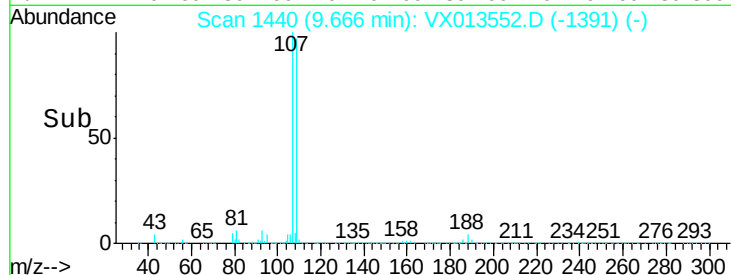
40000

20000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 47.537 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

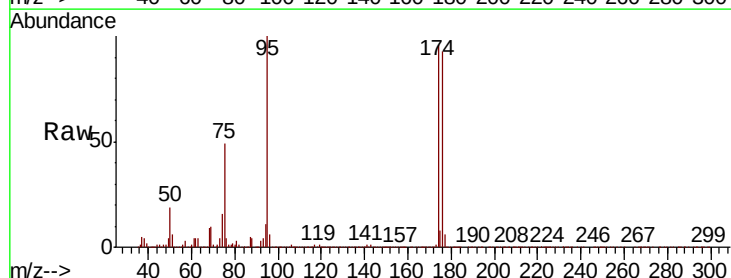
Tgt Ion: 95 Resp: 368260

Ion Ratio Lower Upper

95 100

174 90.9 0.0 179.8

176 87.6 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

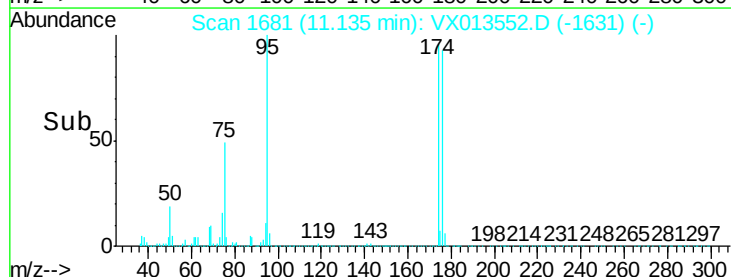
200000

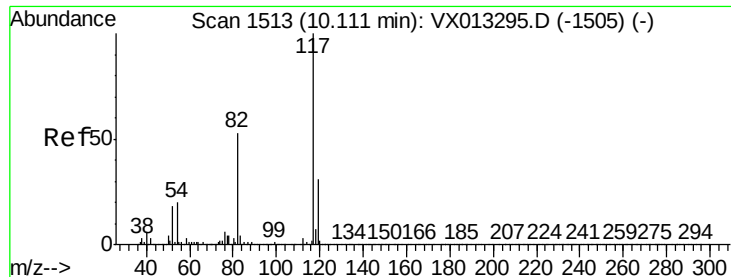
100000

0

11.10 11.20

Time-->





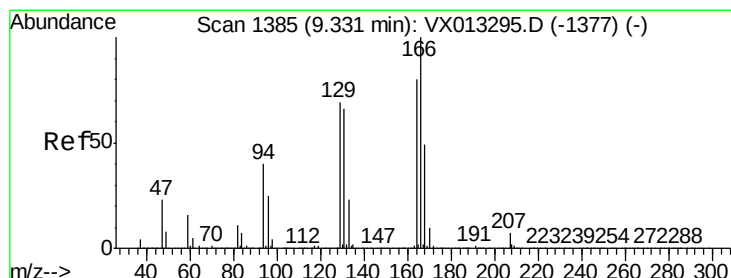
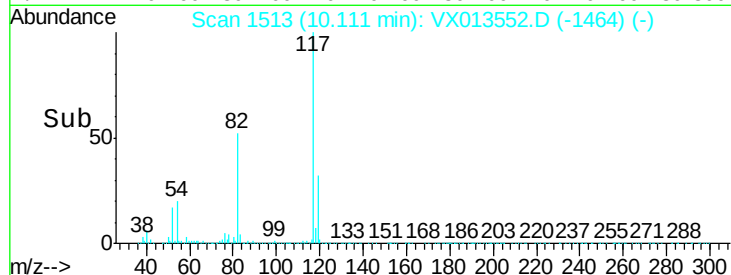
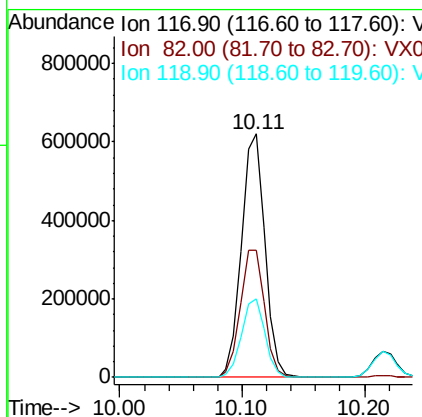
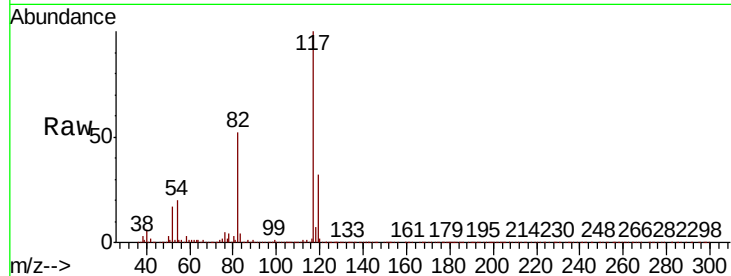
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	822275		
82	52.2		42.6	64.0
119	32.1		24.8	37.2

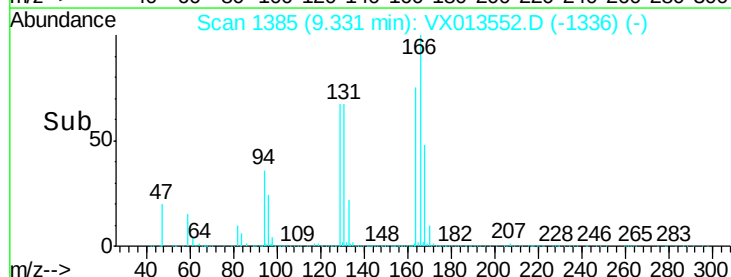
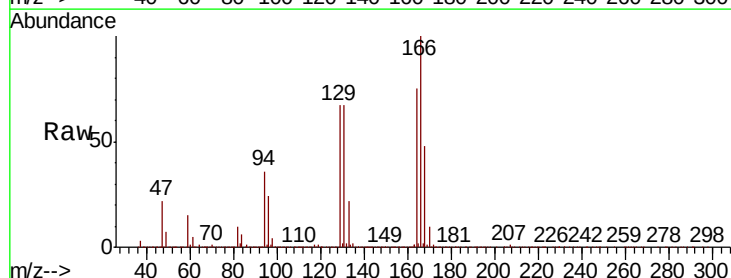
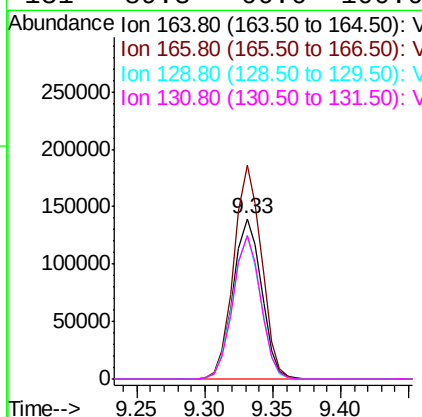
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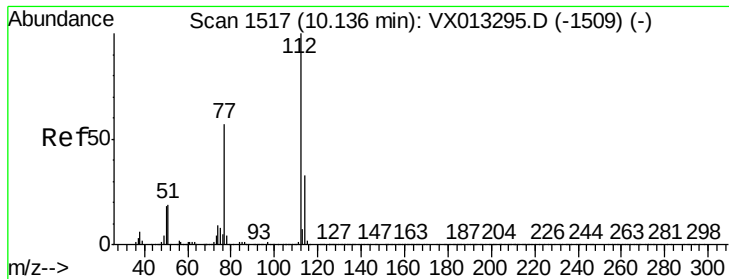
MMDadoda
11/25/2019 10:39:53 AM



#64
Tetrachloroethene
Concen: 34.531 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	203263		
166	133.4		100.4	150.6
129	89.7		69.4	104.2
131	89.3		66.6	100.0





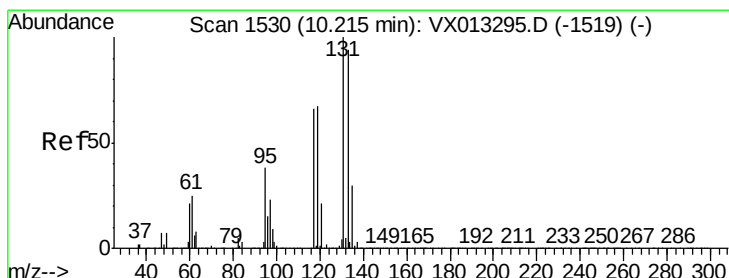
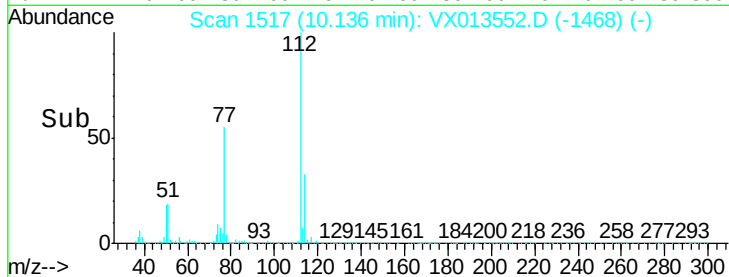
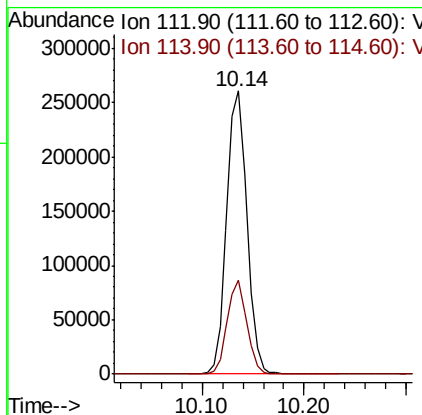
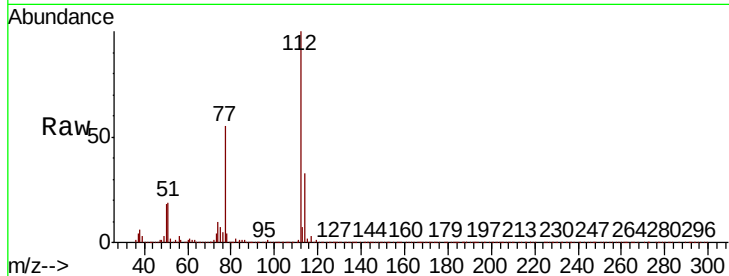
#65
Chlorobenzene
Concen: 21.581 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.4	39.6

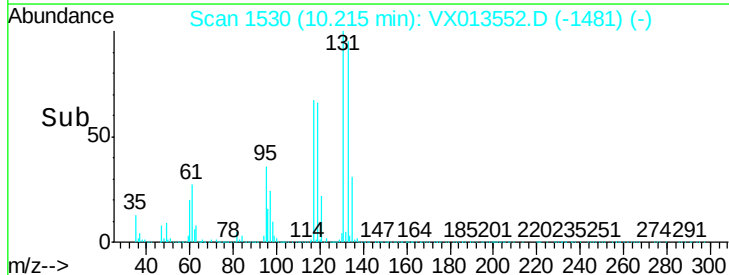
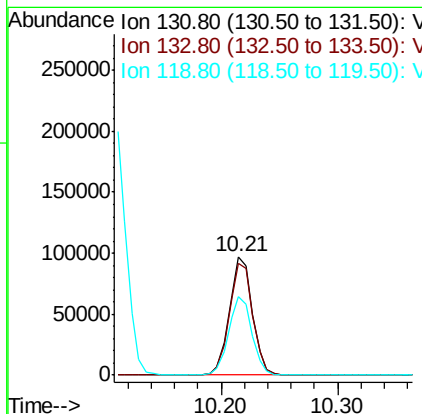
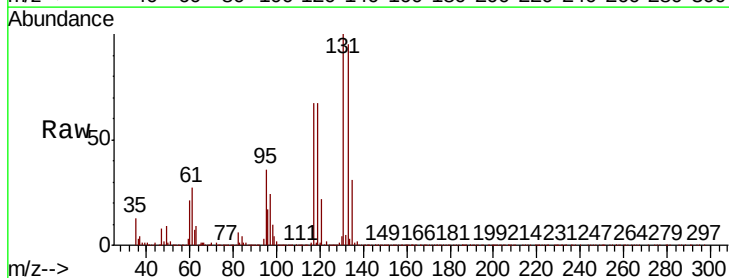
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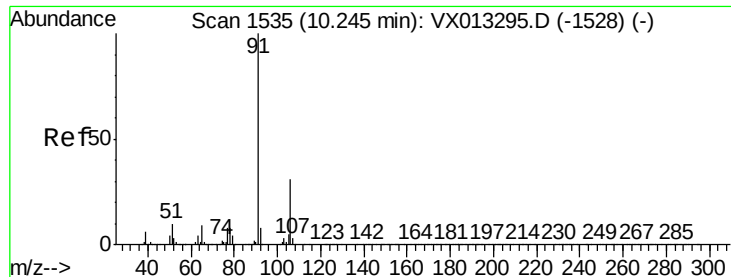
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.789 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	48.0	144.0
119	66.7	33.0	99.0





#67

Ethyl Benzene

Concen: 20.818 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD03

Tot Ion: 91 Resp: 598118

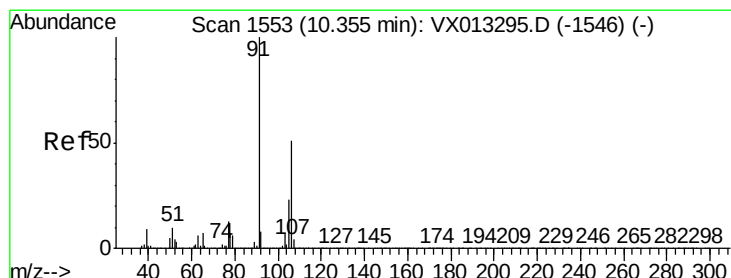
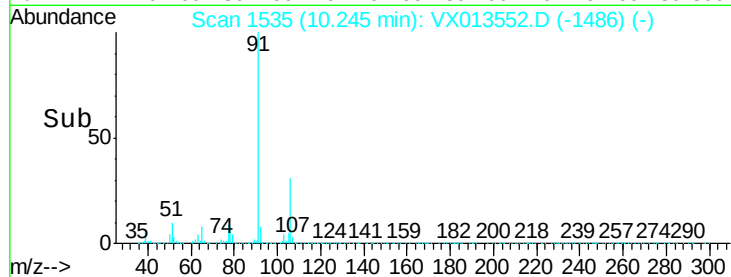
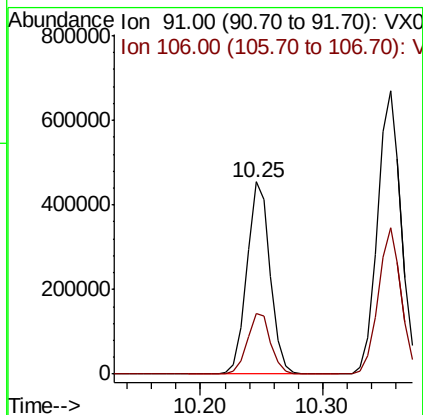
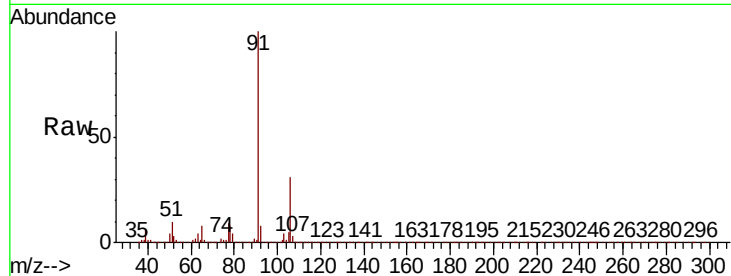
Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8

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#68

m/p-Xylenes

Concen: 41.808 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013552.D

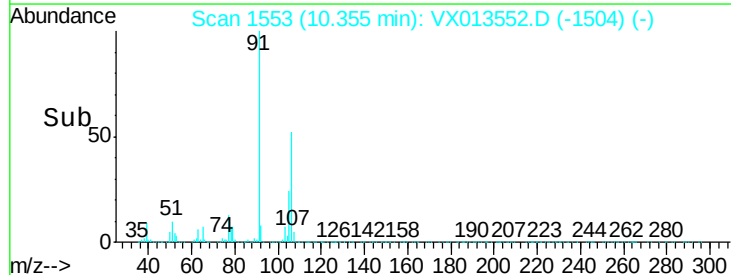
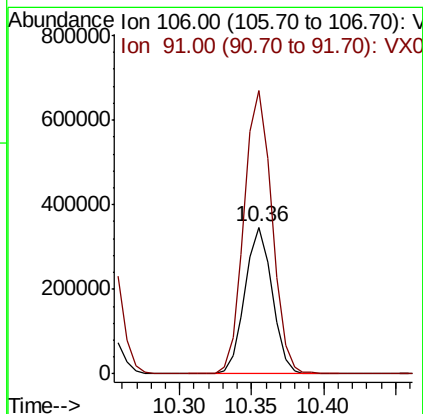
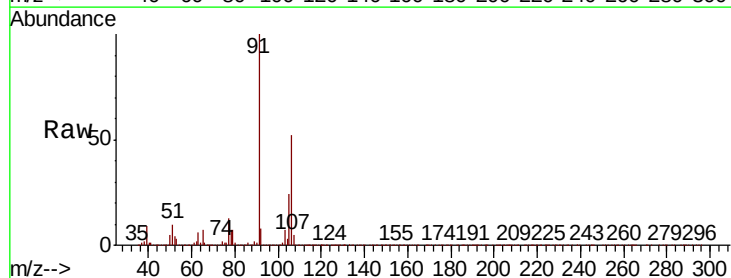
Acq: 22 Nov 2019 23:20

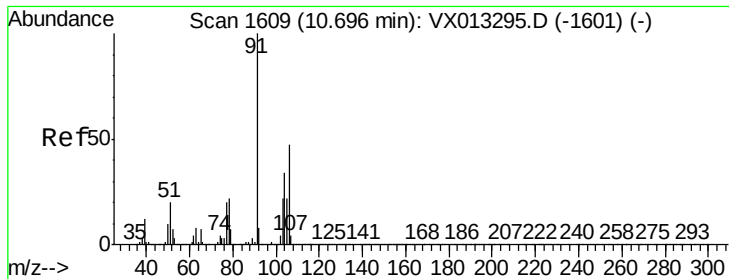
Tgt Ion: 106 Resp: 454285

Ion Ratio Lower Upper

106 100

91 198.1 159.3 238.9





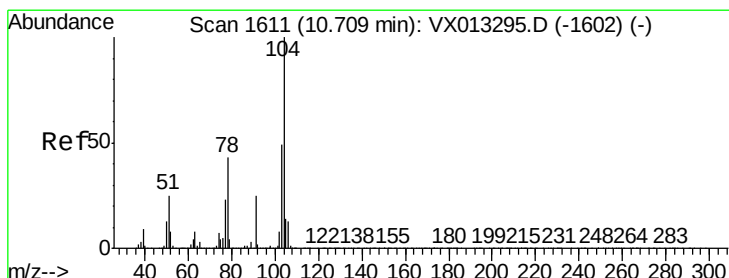
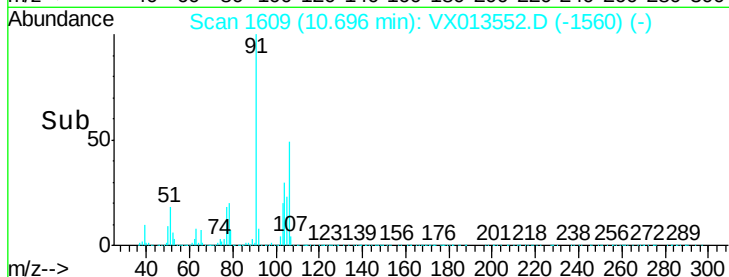
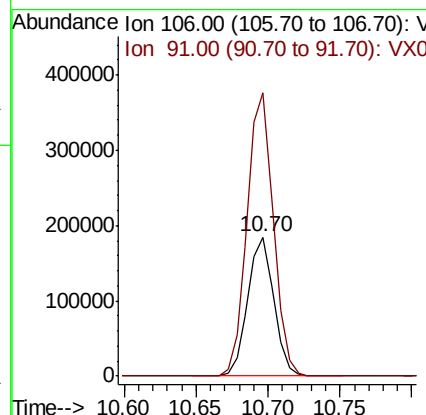
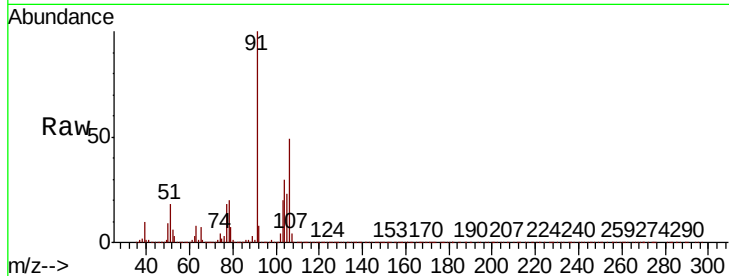
#69
o-Xylene
Concen: 21.705 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.0	105.7	317.0

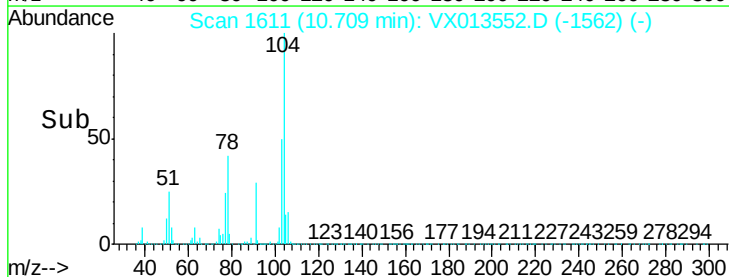
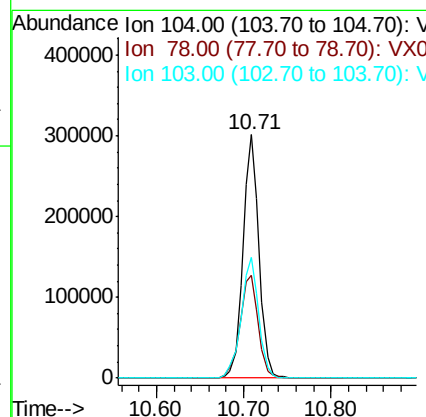
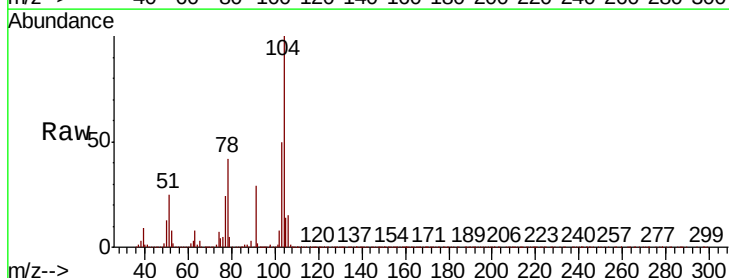
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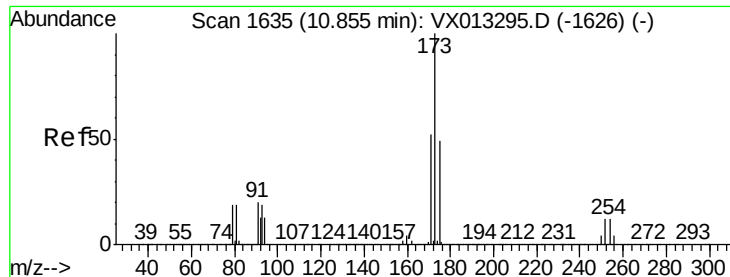
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#70
Styrene
Concen: 21.764 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	40.0	60.0
103	54.3	44.1	66.1





#71

Bromoform

Concen: 21.447 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD03

Tot Ion:173 Resp: 110473

Ion Ratio Lower Upper

173 100

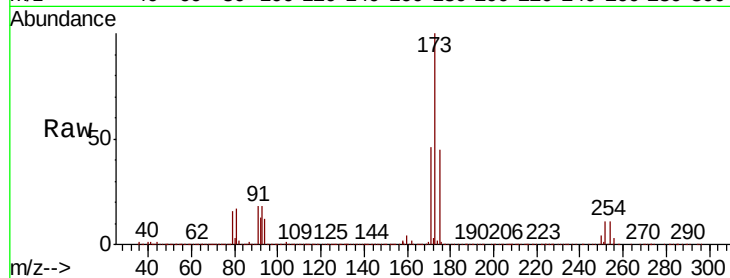
175 47.2 24.8 74.4

254 0.3 0.2 0.2#

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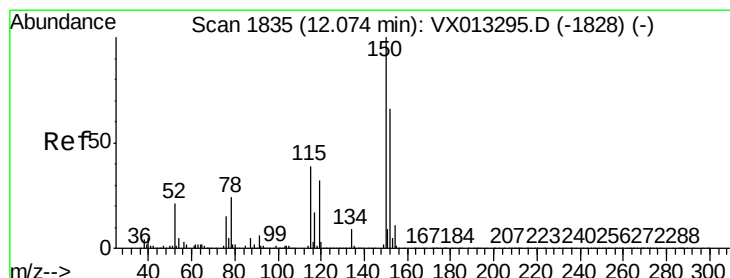
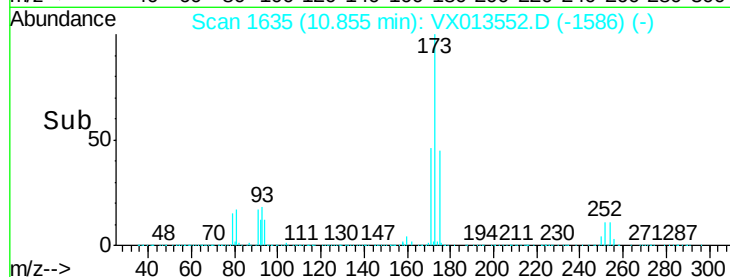
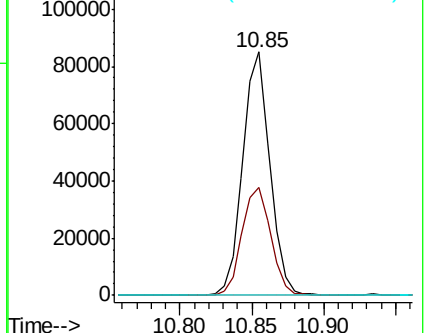
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

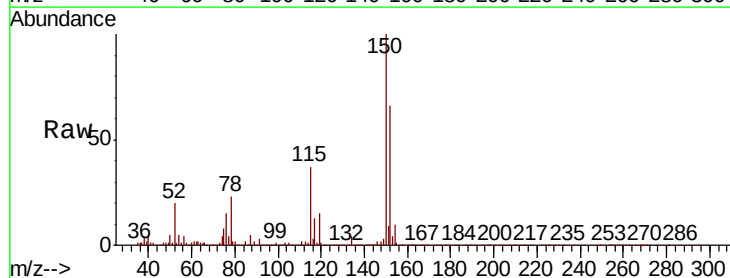
Tgt Ion:152 Resp: 414970

Ion Ratio Lower Upper

152 100

115 63.0 39.5 118.3

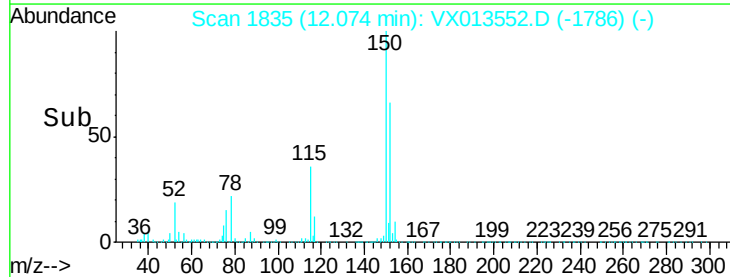
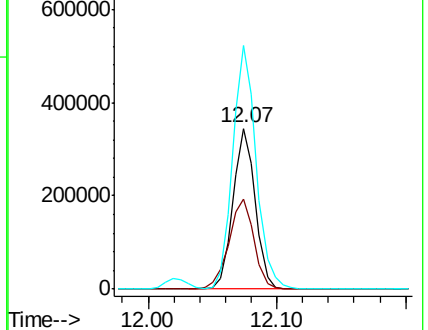
150 159.7 0.0 344.4

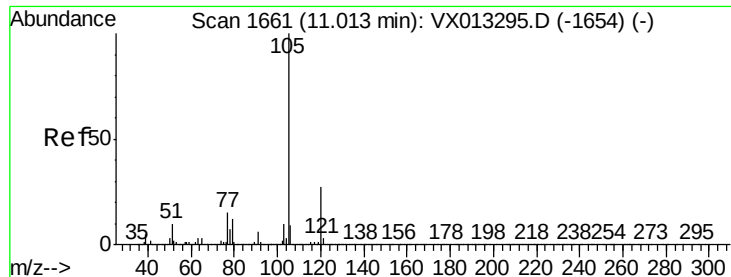


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





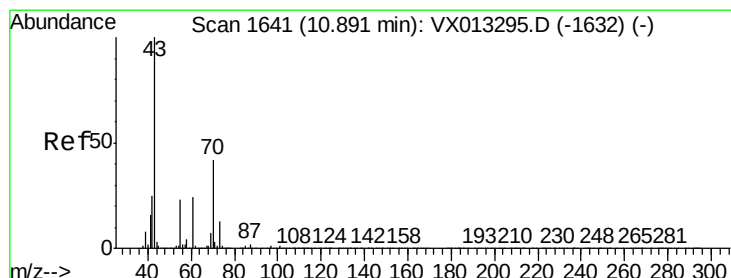
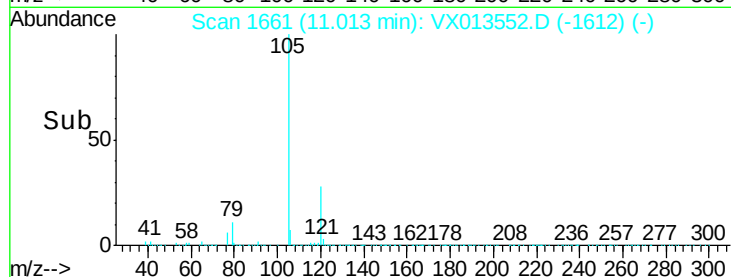
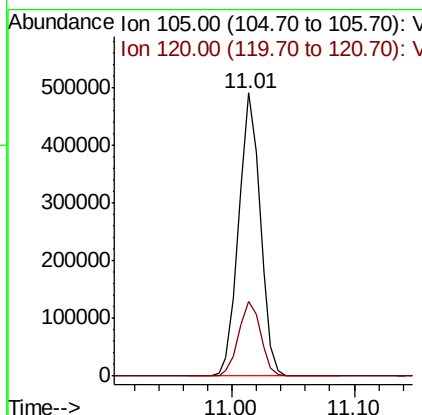
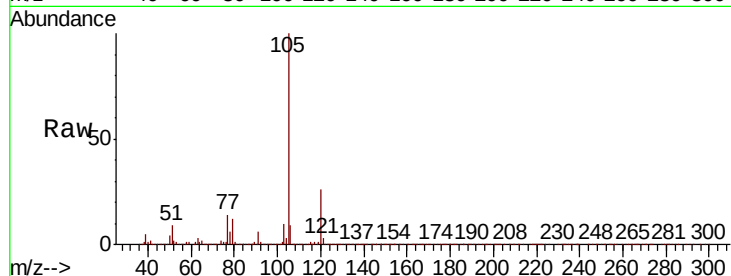
#73
Isopropylbenzene
Concen: 21.595 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.5

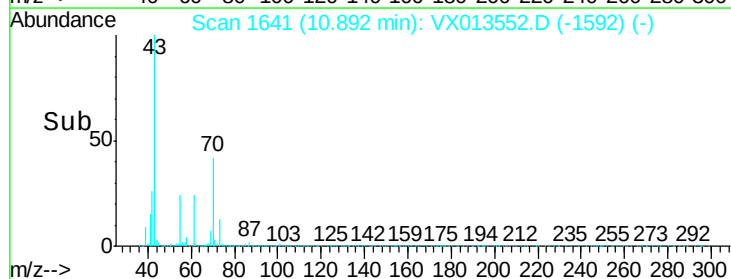
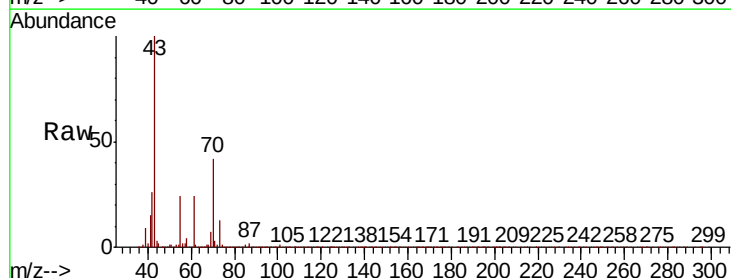
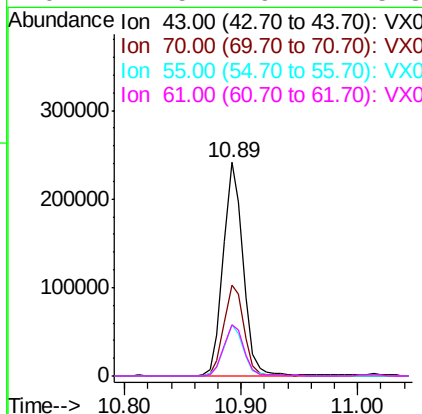
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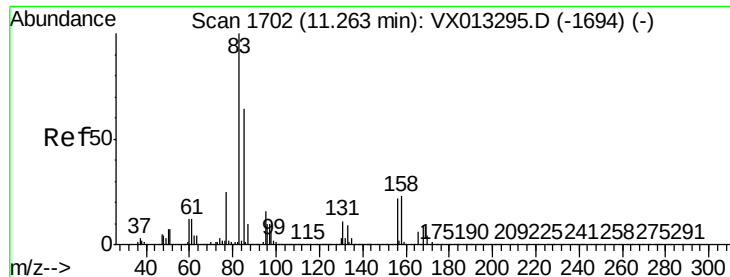
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#74
N-ethyl acetate
Concen: 22.412 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.2	34.1	51.1
55	23.7	18.9	28.3
61	24.5	19.2	28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.601 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD03

Tot Ion: 83 Resp: 196738
Ion Ratio Lower Upper

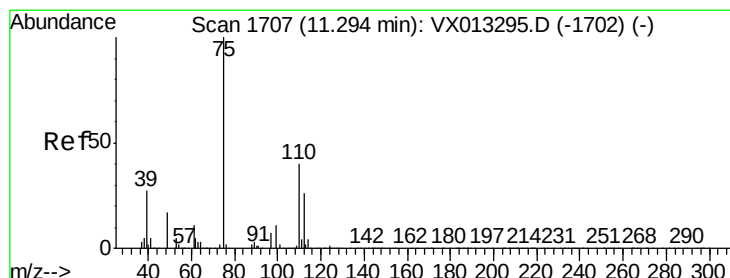
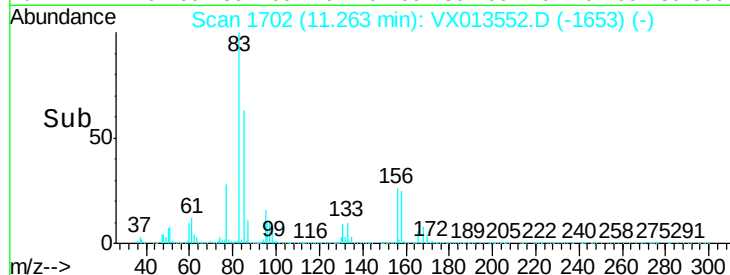
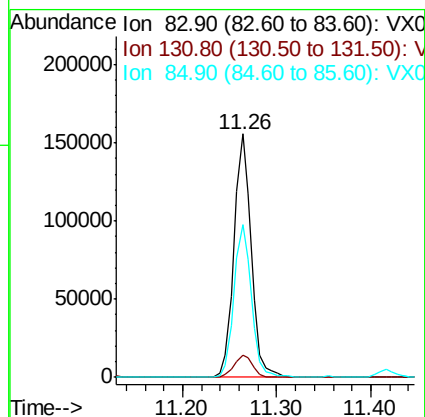
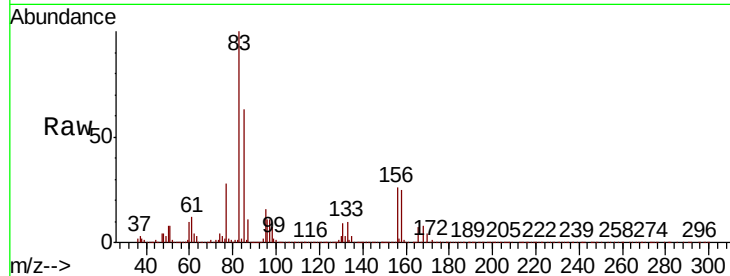
83 100

131 9.8 5.1 15.3

85 63.7 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 21.148 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

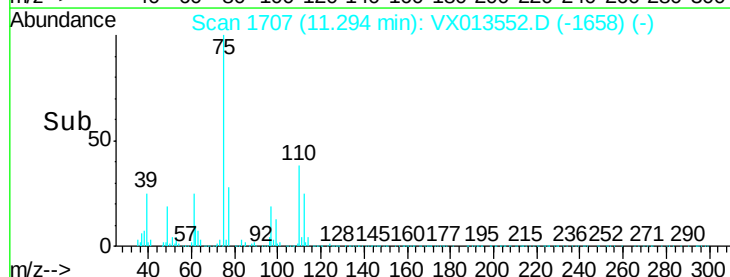
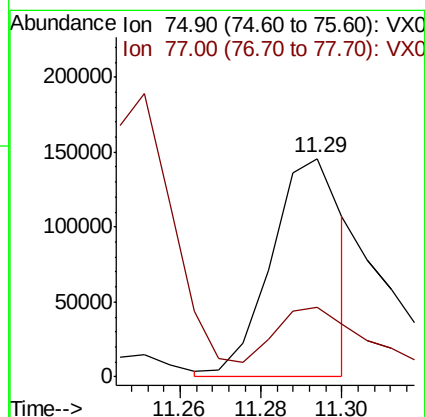
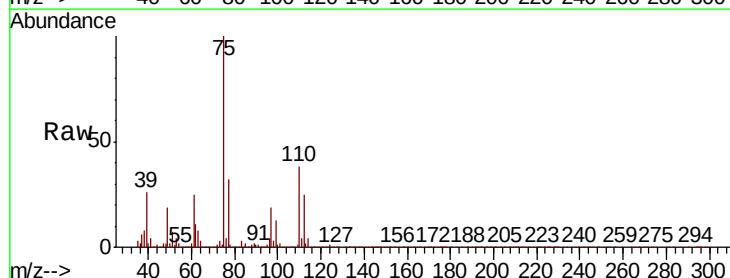
Lab File: VX013552.D

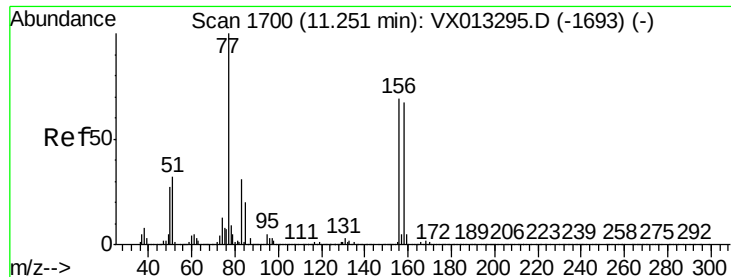
Acq: 22 Nov 2019 23:20

Tgt Ion: 75 Resp: 178247
Ion Ratio Lower Upper

75 100

77 42.7 22.3 66.8





#77

Bromobenzene

Concen: 22.022 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

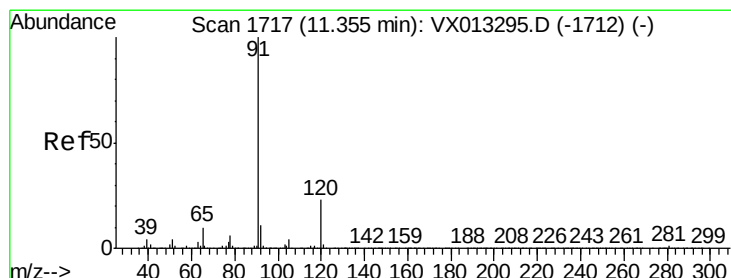
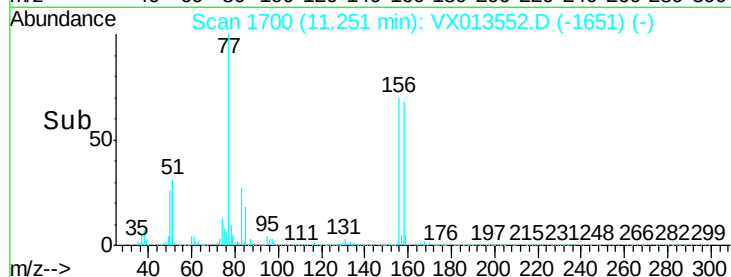
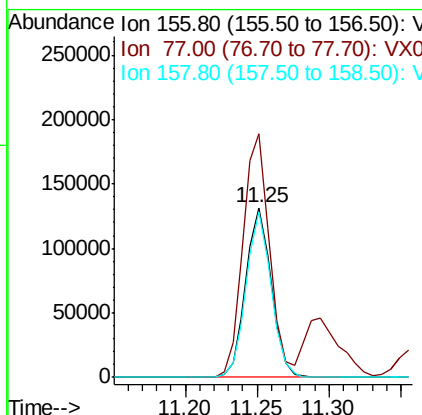
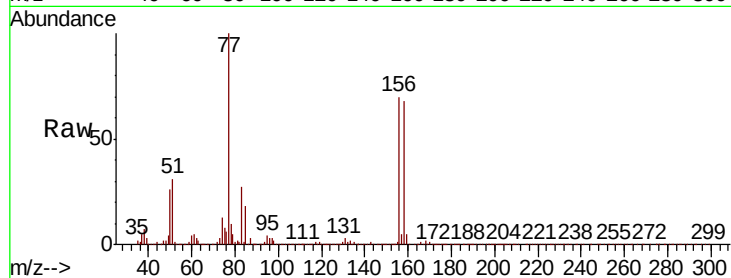
ClientSampleId :

VX1122WBSD03

Tot Ion:	156	Resp:	161525
Ion Ratio	Lower	Upper	
156	100		
77	148.3	75.8	227.4
158	96.4	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 21.321 ug/l

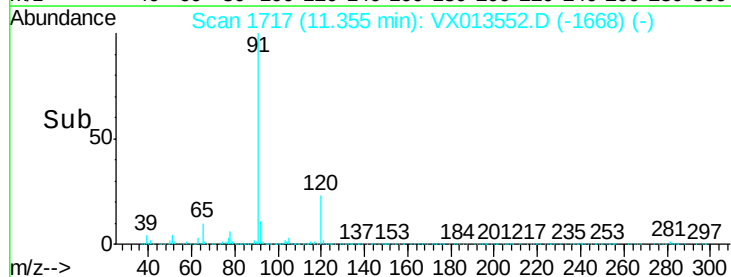
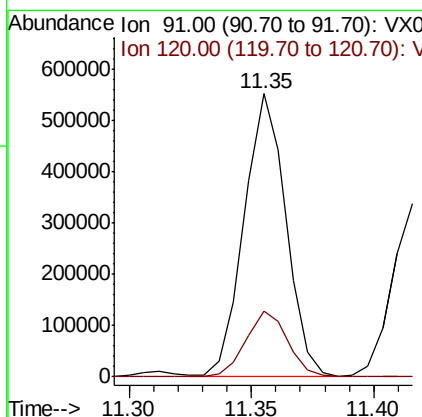
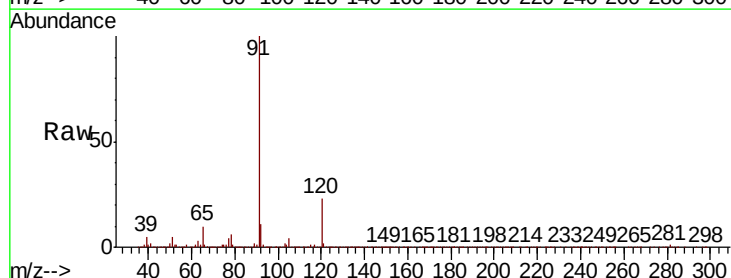
RT: 11.35 min Scan# 1717

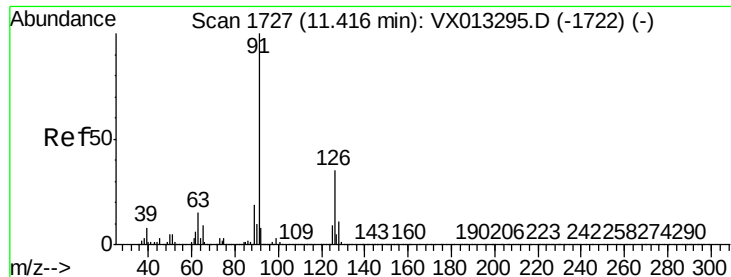
Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Tgt Ion:	91	Resp:	653447
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.6	34.8





#79

2-Chlorotoluene

Concen: 21.919 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD03

Tot Ion: 91 Resp: 404751

Ion Ratio Lower Upper

91 100

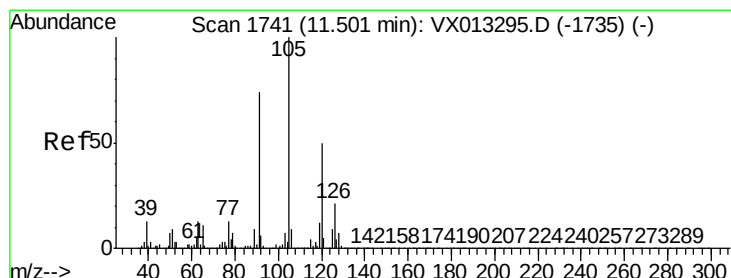
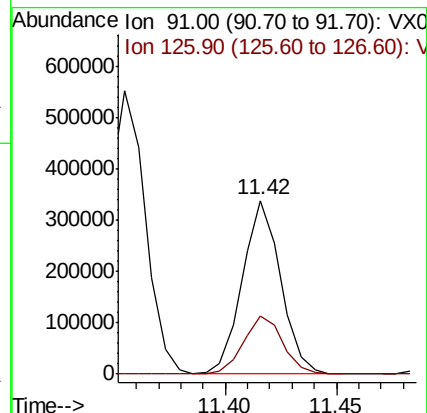
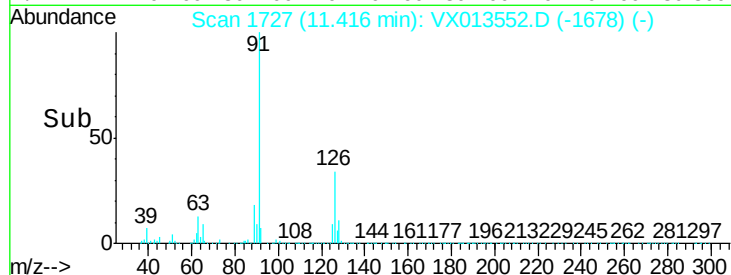
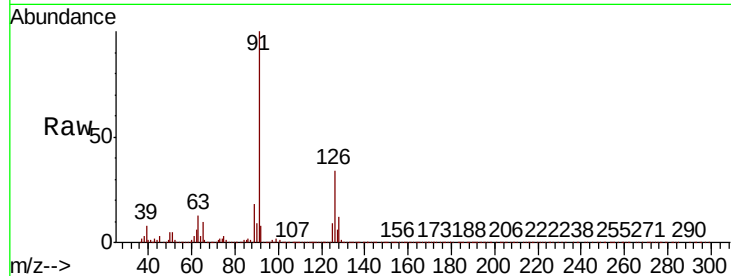
126 34.6 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.470 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013552.D

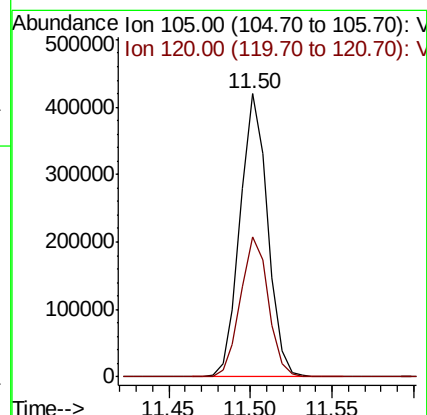
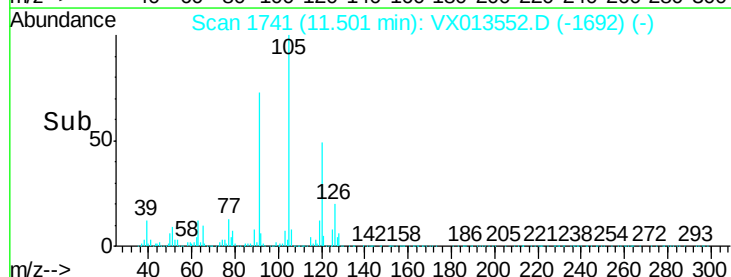
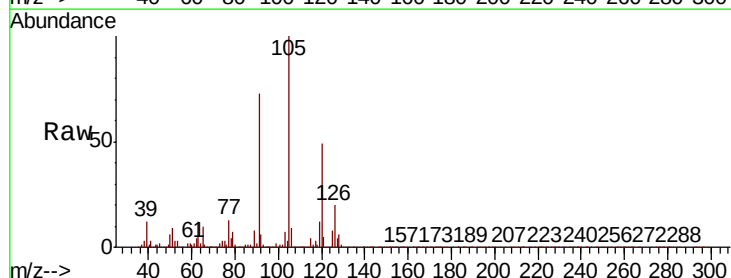
Acq: 22 Nov 2019 23:20

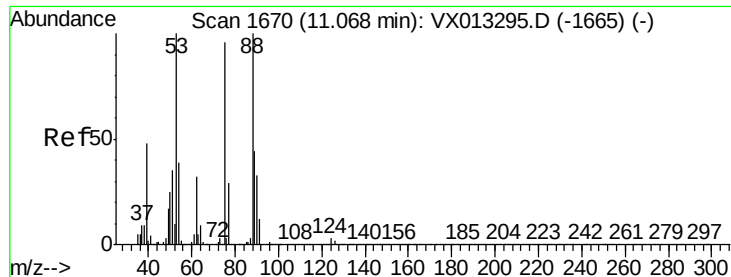
Tgt Ion: 105 Resp: 492020

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.224 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

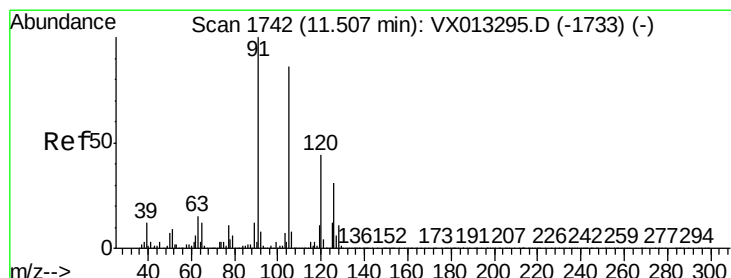
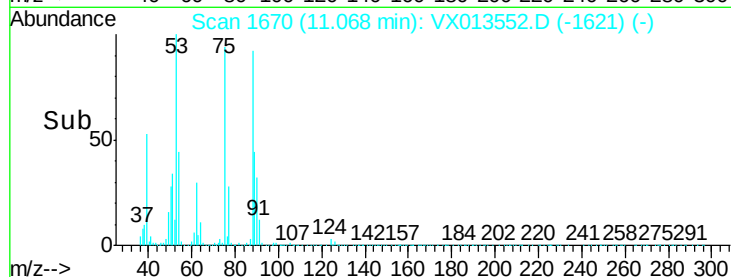
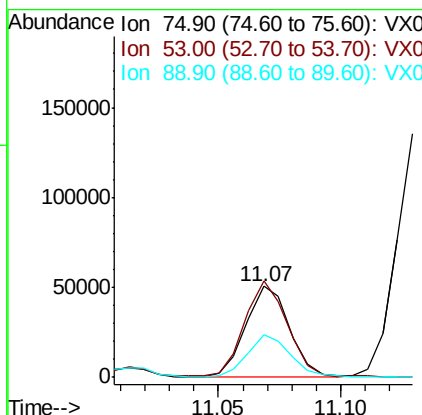
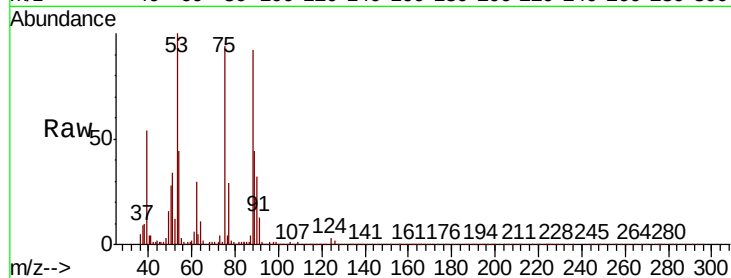
ClientSampleId :

VX1122WBSD03

Tot Ion:	75	Resp:	62951
Ion	Ratio	Lower	Upper
75	100		
53	101.7	81.0	121.6
89	47.5	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.325 ug/l

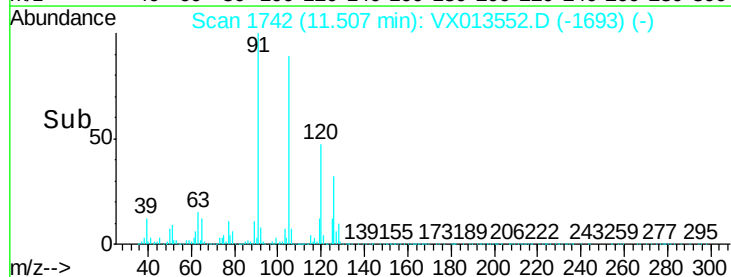
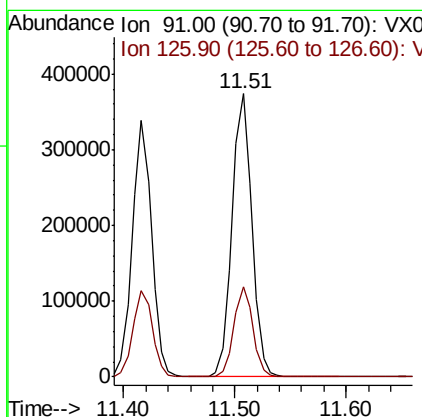
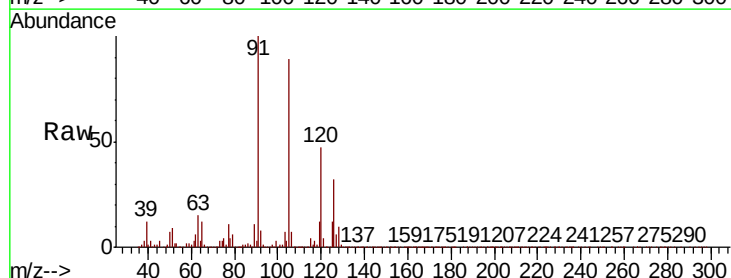
RT: 11.51 min Scan# 1742

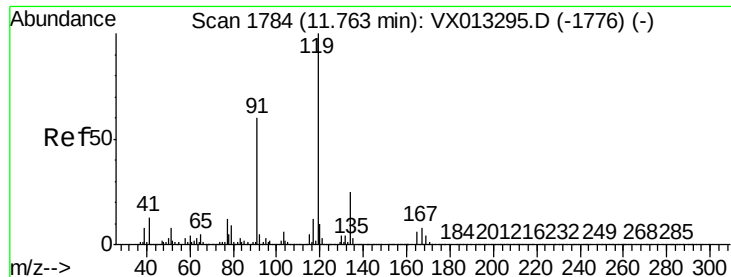
Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Tgt Ion:	91	Resp:	460950
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.3	45.8





#83

tert-Butylbenzene

Concen: 18.194 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

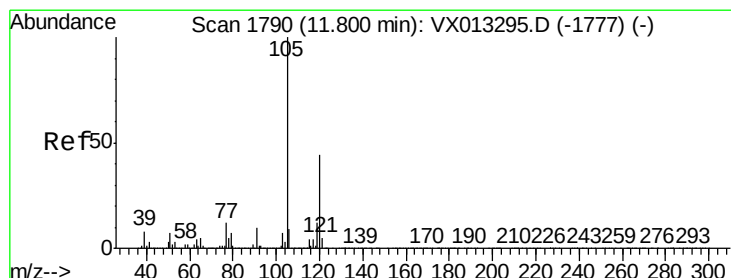
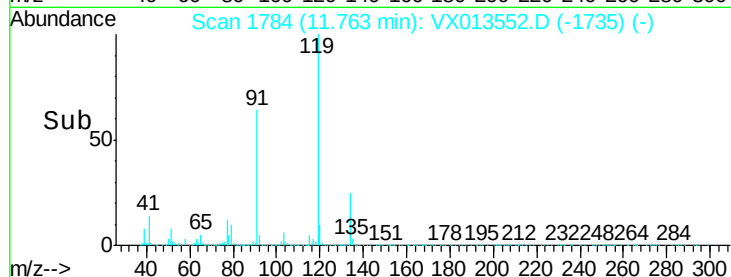
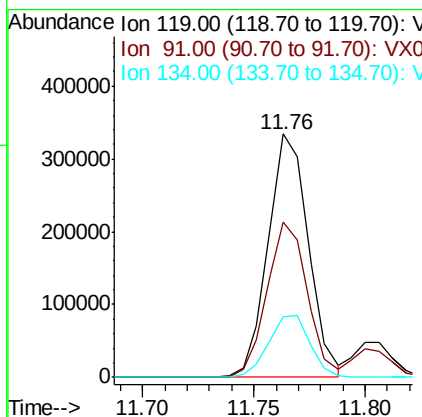
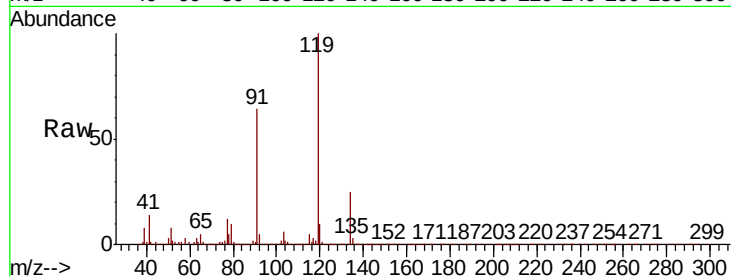
ClientSampleId :

VX1122WBSD03

Tot Ion:	119	Resp:	419731
Ion Ratio	Lower	Upper	
119	100		
91	64.1	26.9	80.7
134	26.2	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.784 ug/l

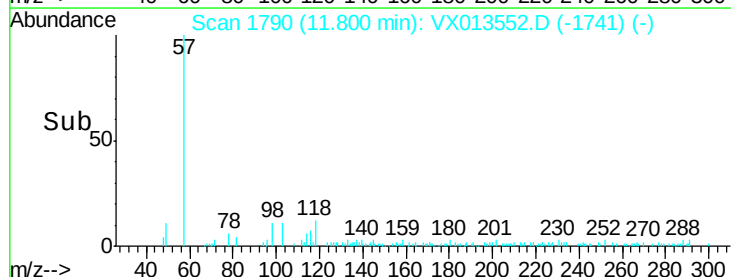
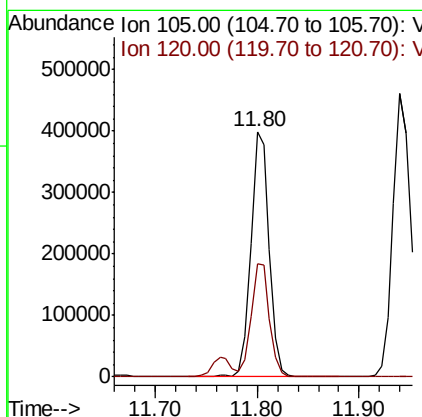
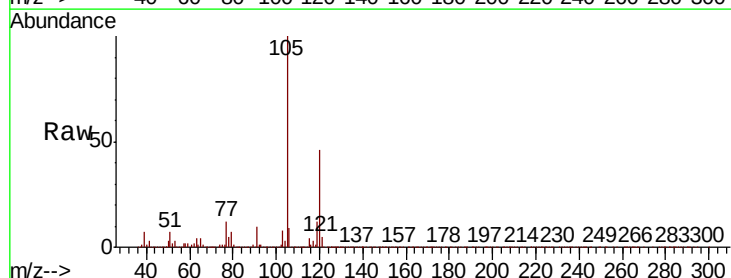
RT: 11.80 min Scan# 1790

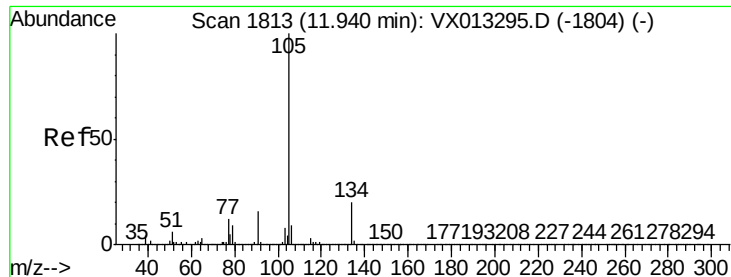
Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Tgt Ion:	105	Resp:	500797
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 21.100 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD03

Tot Ion:105 Resp: 559439

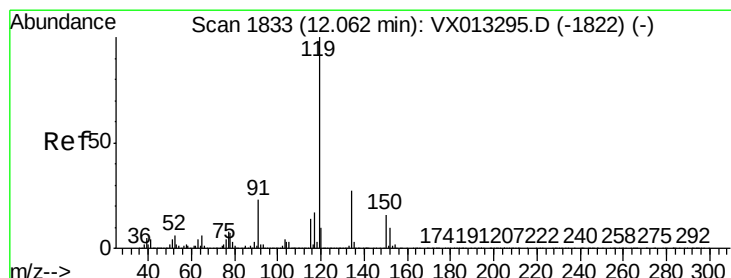
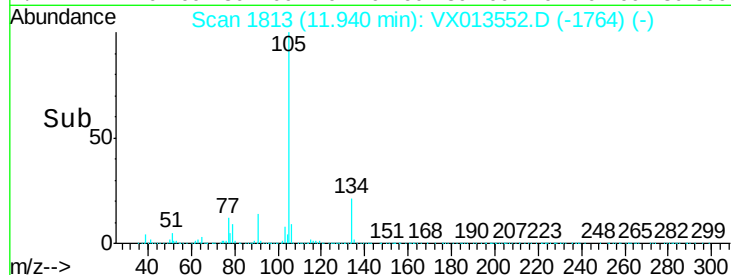
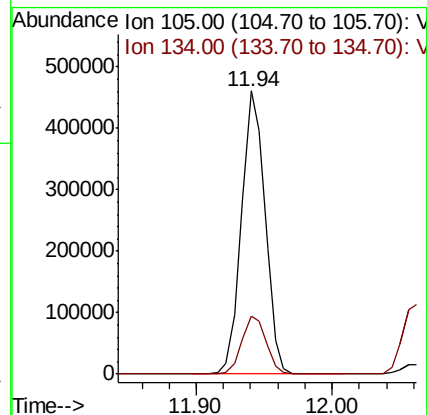
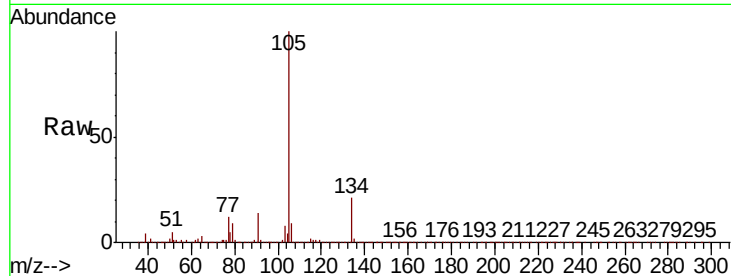
Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 21.149 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

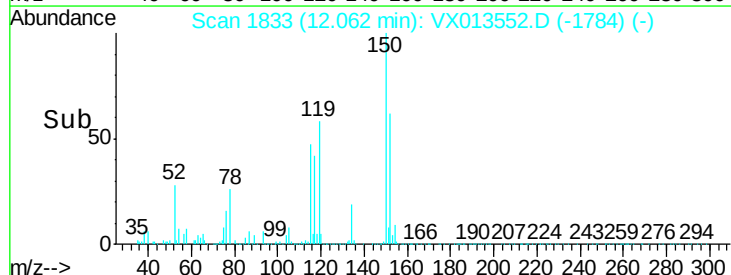
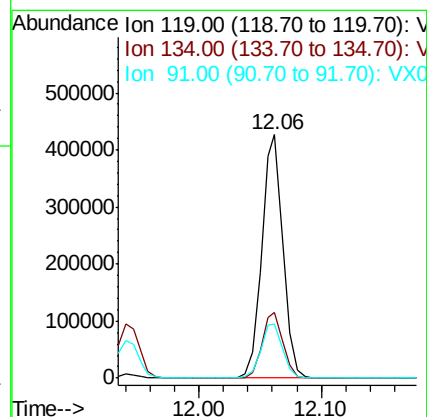
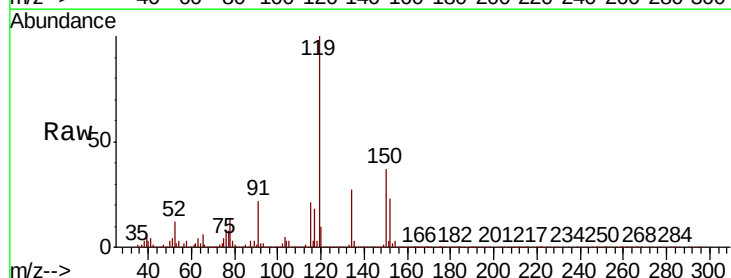
Tgt Ion:119 Resp: 516330

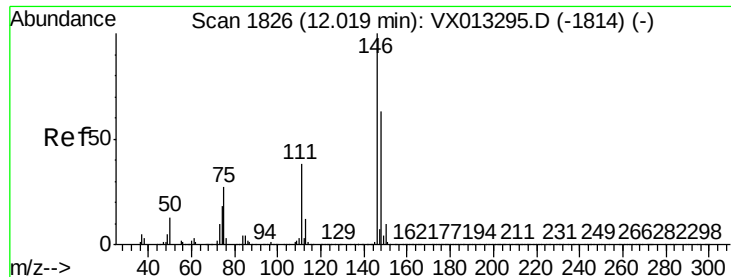
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 22.6 11.5 34.4





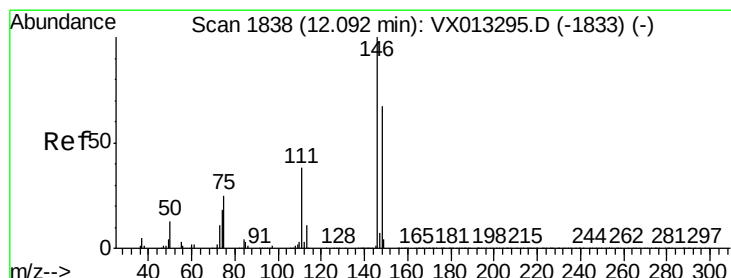
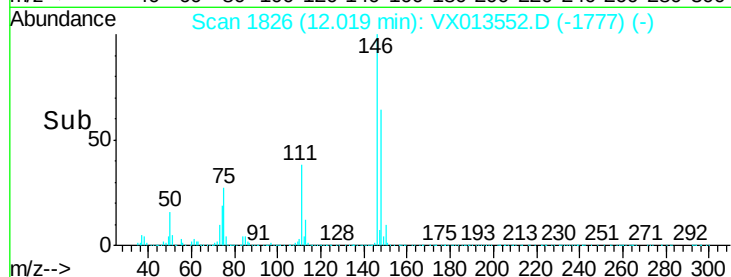
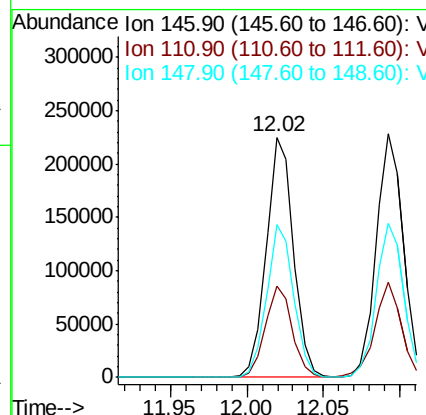
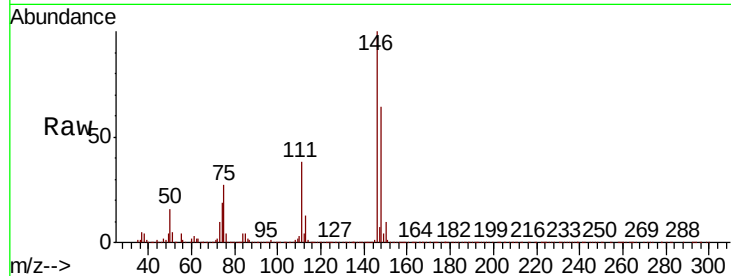
#87
 1,3-Dichlorobenzene
 Concen: 21.341 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	63.2	31.9	95.7

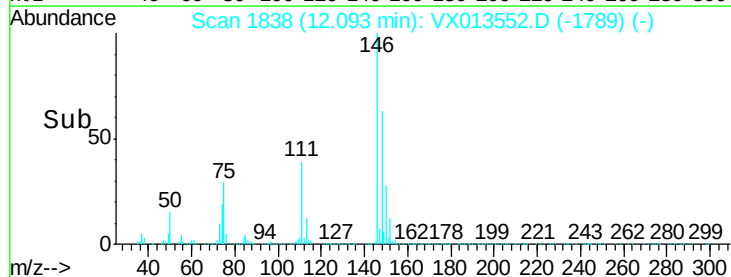
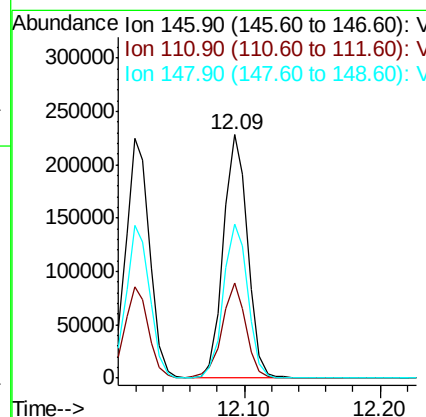
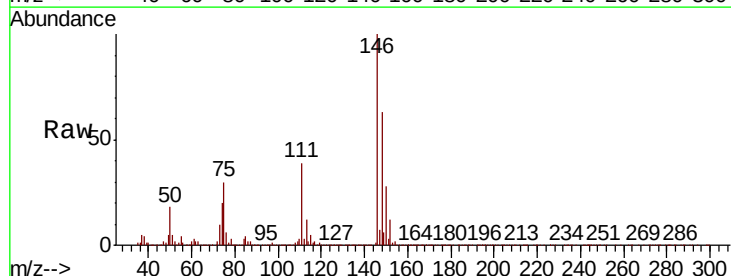
Manual Integrations
 APPROVED

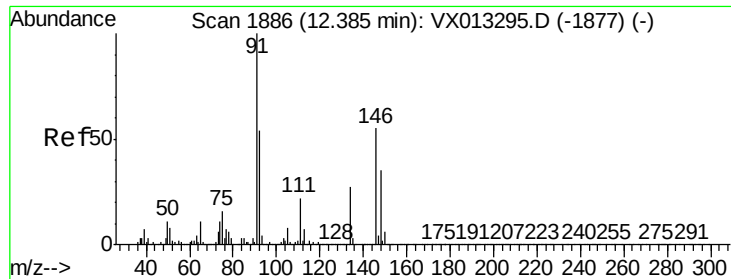
MMDadoda
 11/25/2019 10:39:53 AM



#88
 1,4-Dichlorobenzene
 Concen: 21.057 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.4
148	63.4	32.4	97.0





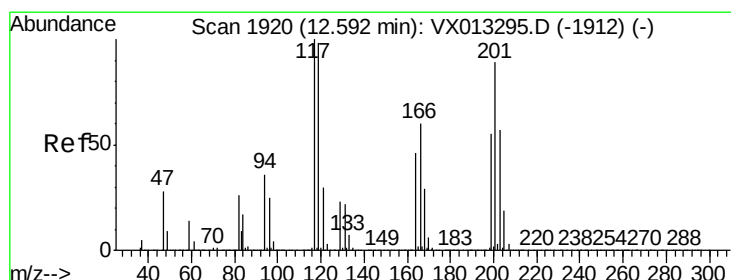
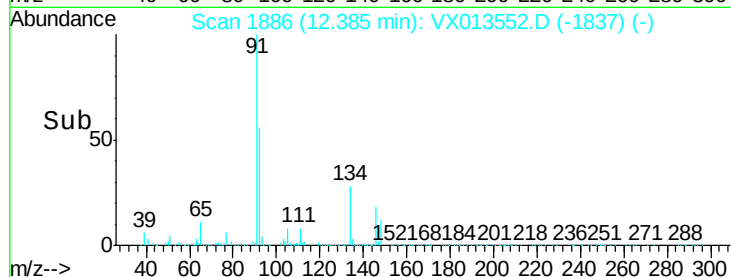
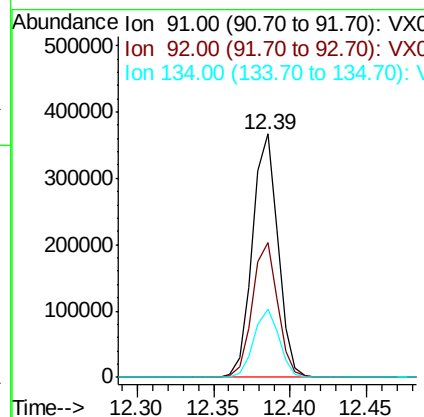
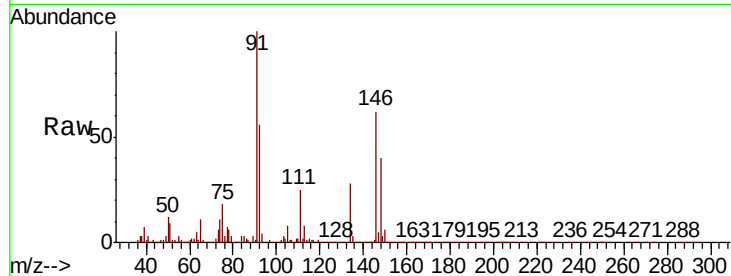
#89
n-Butylbenzene
Concen: 19.948 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD03

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.3	81.8
134	27.8	13.5	40.5

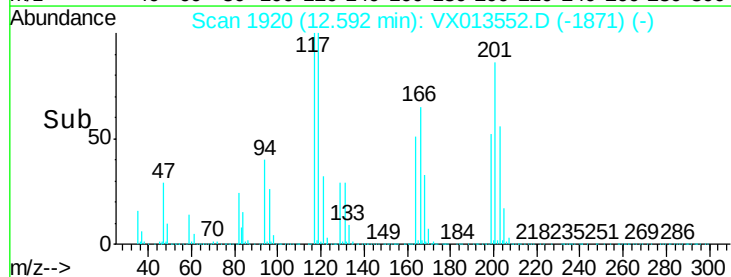
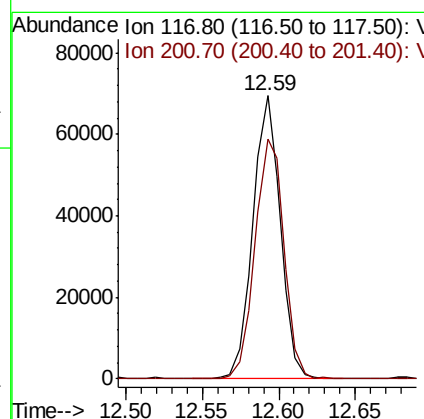
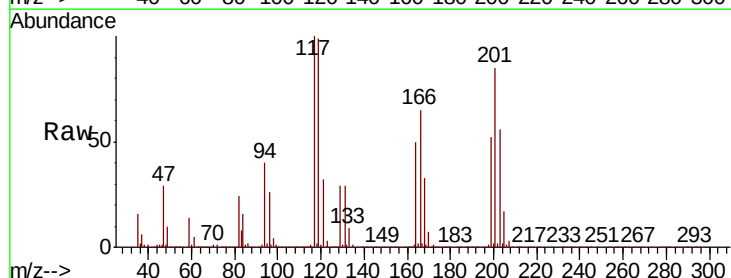
Manual Integrations
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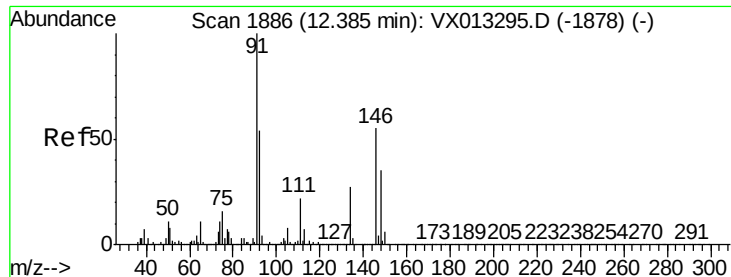
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#90
Hexachloroethane
Concen: 19.962 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013552.D
Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.7	43.9	131.7





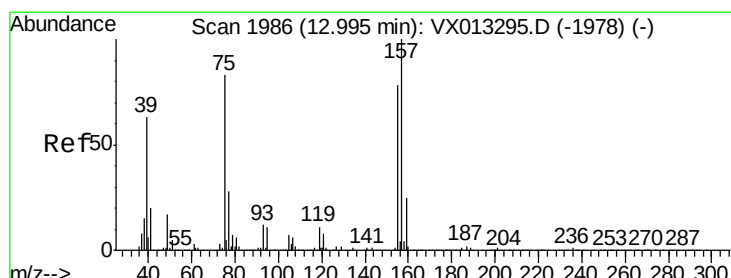
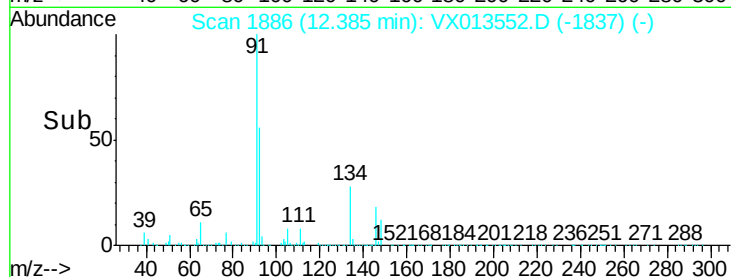
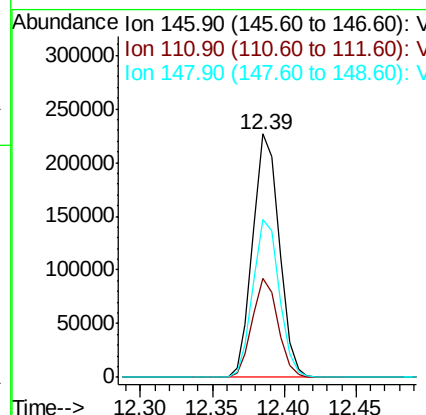
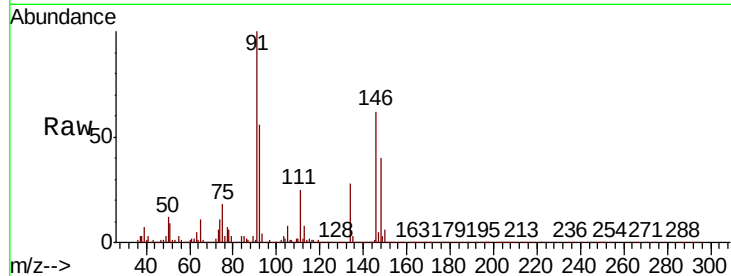
#91
 1,2-Dichlorobenzene
 Concen: 22.032 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
146	100	287933		
111	39.1	20.1	60.2	
148	64.4	32.0	96.0	

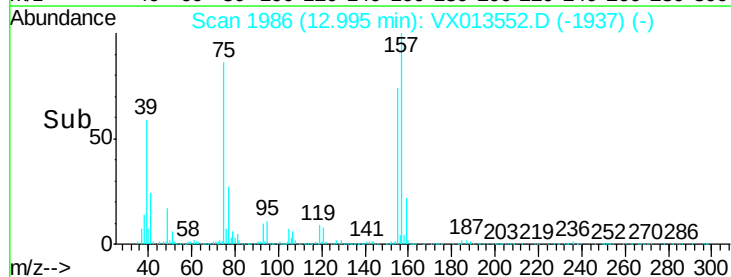
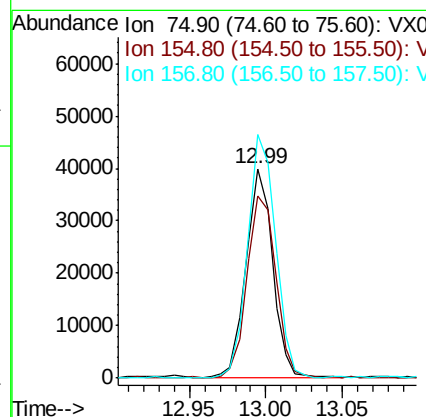
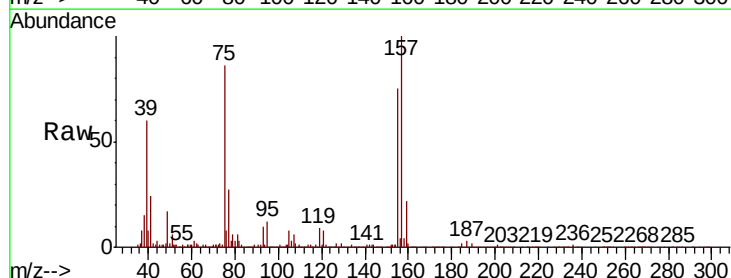
Manual Integrations
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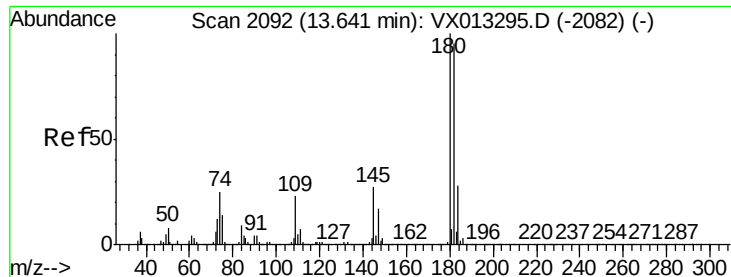
MMDadoda
 11/25/2019 10:39:53 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.538 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47778		
155	95.5	47.1	141.4	
157	123.4	61.3	183.8	





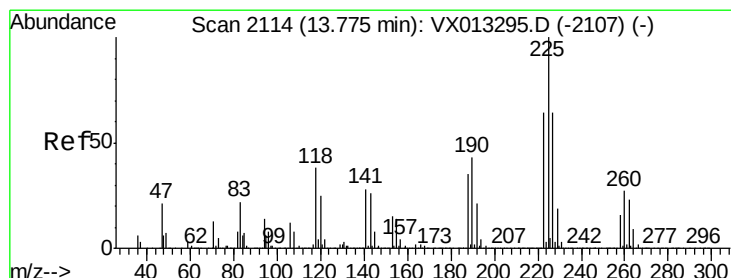
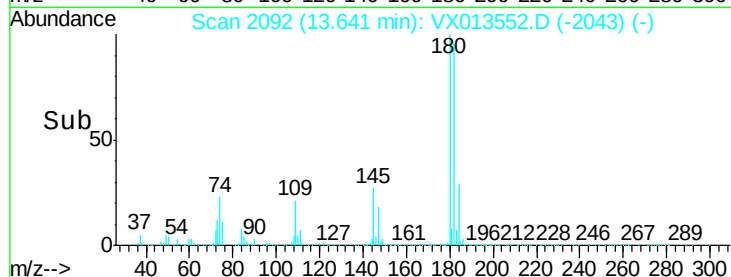
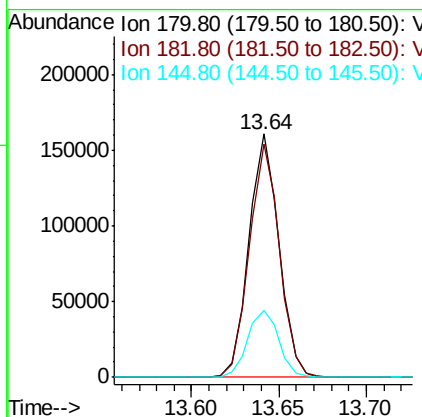
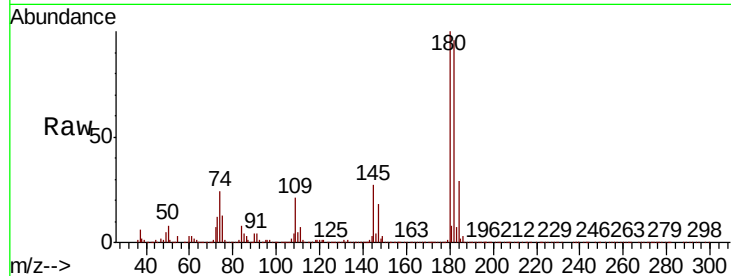
#93
 1,2,4-Trichlorobenzene
 Concen: 20.956 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	191039		
182	96.7	48.4	145.0	
145	28.6	14.1	42.4	

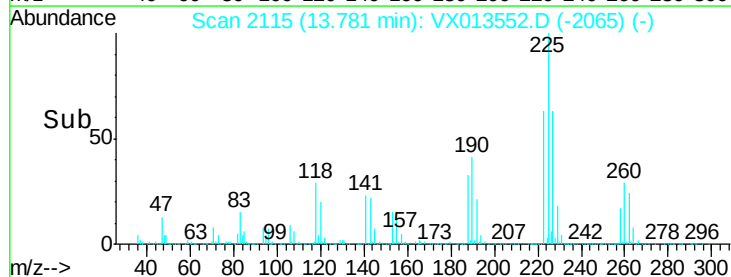
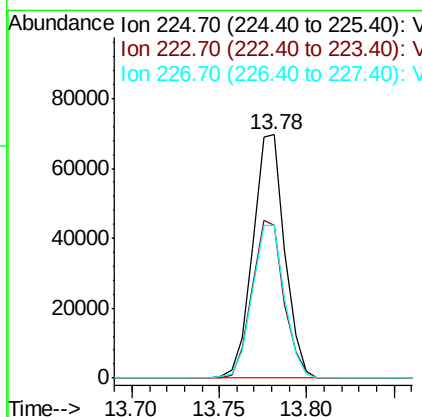
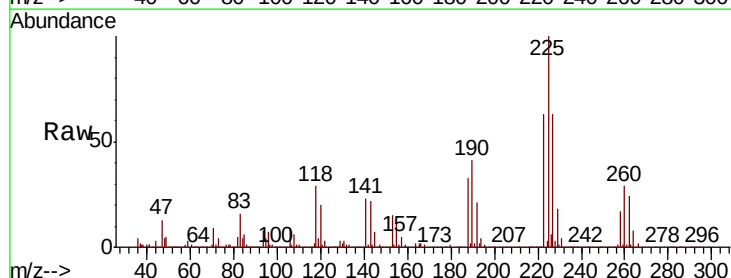
Manual Integrations
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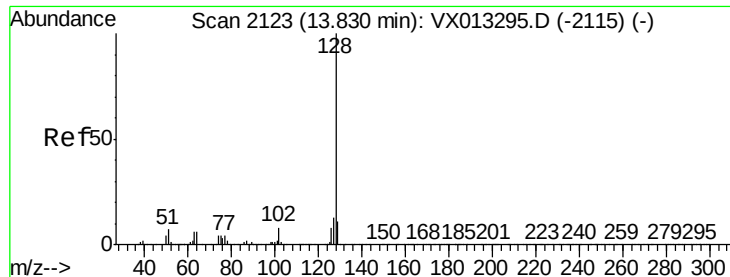
MMDadoda
 11/25/2019 10:39:53 AM



#94
 Hexachlorobutadiene
 Concen: 19.711 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013552.D
 Acq: 22 Nov 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87909		
223	64.7	31.9	95.7	
227	64.3	31.9	95.9	





#95

Naphthalene

Concen: 21.980 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013552.D

Acq: 22 Nov 2019 23:20

Instrument :

MSVOA_X

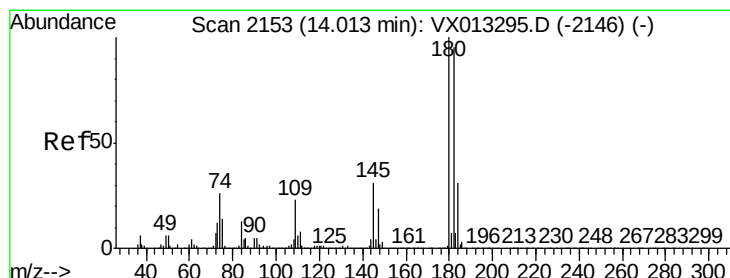
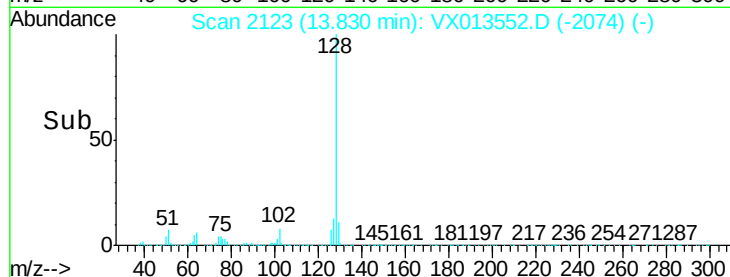
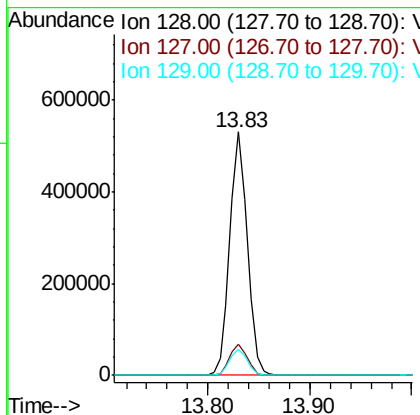
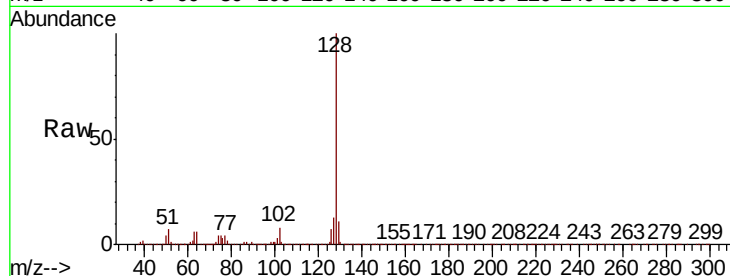
ClientSampleId :

VX1122WBSD03

Tot Ion:	128	Resp:	628664
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	10.7	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/25/2019 10:39:53 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.704 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

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Acq: 22 Nov 2019 23:20

Tgt Ion:	180	Resp:	198425
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.0	144.2
145	30.8	15.4	46.4

