

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103019\
 Data File : VX013281.D
 Acq On : 30 Oct 2019 12:33
 Operator : JC/SP
 Sample : VX1030WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 4:05:30 PM

Quant Time: Oct 31 02:10:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	70406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	102131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	102521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	67872	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	79797	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	
35) Dibromofluoromethane	5.49	113	61350	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
50) Toluene-d8	8.71	98	219104	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.13	95	83045	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	27353	19.254	ug/l	99
3) Chloromethane	1.32	50	21044	18.613	ug/l	99
4) Vinyl Chloride	1.40	62	23362	18.273	ug/l	97
5) Bromomethane	1.63	94	19352	28.557	ug/l	99
6) Chloroethane	1.72	64	24304	33.104	ug/l	99
7) Trichlorofluoromethane	1.92	101	56594	28.183	ug/l	98
8) Diethyl Ether	2.18	74	19425	28.073	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25702	20.571	ug/l	98
10) Methyl Iodide	2.50	142	27973	20.053	ug/l	100
11) Tert butyl alcohol	3.03	59	34567	107.598	ug/l	100
12) 1,1-Dichloroethene	2.37	96	23760	19.810	ug/l	92
13) Acrolein	2.28	56	13823	80.007	ug/l	97
14) Allyl chloride	2.72	41	35915	19.021	ug/l	96
15) Acrylonitrile	3.13	53	66199	101.989	ug/l	98
16) Acetone	2.43	43	74360	107.184	ug/l	98
17) Carbon Disulfide	2.56	76	56078	17.391	ug/l	99
18) Methyl Acetate	2.76	43	32414	21.951	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	88712	21.004	ug/l	98
20) Methylene Chloride	2.84	84	27623	21.457	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	25326	20.577	ug/l	92
22) Diisopropyl ether	3.84	45	74053	20.058	ug/l	97
23) Vinyl Acetate	3.80	43	319426	101.793	ug/l	99
24) 1,1-Dichloroethane	3.69	63	46566	20.506	ug/l	97
25) 2-Butanone	4.66	43	96419	103.631	ug/l	99
26) 2,2-Dichloropropane	4.57	77	44886	21.387	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	30288	20.620	ug/l	98
28) Bromochloromethane	5.00	49	12279	20.970	ug/l	96
29) Tetrahydrofuran	5.11	42	55831	99.554	ug/l	100
30) Chloroform	5.20	83	51852	21.446	ug/l	98
31) Cyclohexane	5.57	56	37365	19.620	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	47541	22.114	ug/l	99
36) 1,1-Dichloropropene	5.79	75	36374	21.232	ug/l	100
37) Ethyl Acetate	4.82	43	34278	20.141	ug/l	99
38) Carbon Tetrachloride	5.78	117	40504	21.456	ug/l	96

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Manual Integrations
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MMDadoda
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Quant Time: Oct 31 02:10:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	40753	18.639	ug/l	97
40) Benzene	6.13	78	104186	20.310	ug/l	99
41) Methacrylonitrile	5.03	41	19164	21.002	ug/l	98
42) 1,2-Dichloroethane	6.19	62	43453	22.466	ug/l	99
43) Isopropyl Acetate	6.43	43	58487	20.698	ug/l	99
44) Trichloroethene	7.21	130	30286	20.802	ug/l	98
45) 1,2-Dichloropropane	7.51	63	25689	19.994	ug/l	98
46) Dibromomethane	7.65	93	19029	20.556	ug/l	99
47) Bromodichloromethane	7.89	83	39217	21.739	ug/l	96
48) Methyl methacrylate	7.76	41	29016	20.776	ug/l	98
49) 1,4-Dioxane	7.73	88	14563	409.695	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	176241	102.324	ug/l	100
52) Toluene	8.78	92	68892	20.264	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41964	21.890	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	44353	21.149	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	28899	21.501	ug/l	98
56) Ethyl methacrylate	9.17	69	41954	20.739	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46339	20.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	81668	103.461	ug/l	98
59) 2-Hexanone	9.48	43	139070	104.821	ug/l	98
60) Dibromochloromethane	9.57	129	30824	21.886	ug/l	99
61) 1,2-Dibromoethane	9.67	107	29728	20.834	ug/l	98
64) Tetrachloroethene	9.33	164	30337	22.939	ug/l	95
65) Chlorobenzene	10.14	112	74321	20.709	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	29460	22.221	ug/l	97
67) Ethyl Benzene	10.25	91	134536	20.940	ug/l	100
68) m/p-Xylenes	10.36	106	99216	40.863	ug/l	99
69) o-Xylene	10.70	106	48623	20.876	ug/l	99
70) Styrene	10.71	104	83132	20.728	ug/l	99
71) Bromoform	10.85	173	21584	22.281	ug/l #	100
73) Isopropylbenzene	11.01	105	130738	21.212	ug/l	99
74) N-amyl acetate	10.89	43	46706	20.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	41017	21.917	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	34574m	21.135	ug/l	
77) Bromobenzene	11.25	156	32159	21.770	ug/l	94
78) n-propylbenzene	11.35	91	144279	21.550	ug/l	99
79) 2-Chlorotoluene	11.42	91	92698	21.914	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	114560	22.362	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12076	20.286	ug/l	92
82) 4-Chlorotoluene	11.51	91	104820	21.870	ug/l	99
83) tert-Butylbenzene	11.76	119	111105	21.921	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	115834	22.416	ug/l	96
85) sec-Butylbenzene	11.94	105	126603	21.950	ug/l	99
86) p-Isopropyltoluene	12.06	119	115521	21.319	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	55917	20.953	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	56365	20.745	ug/l	98
89) n-Butylbenzene	12.39	91	95282	21.495	ug/l	99
90) Hexachloroethane	12.59	117	19902	21.932	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	57684	21.981	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	9936	21.350	ug/l	98

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ClientSampleId :
VX1030WBSD01

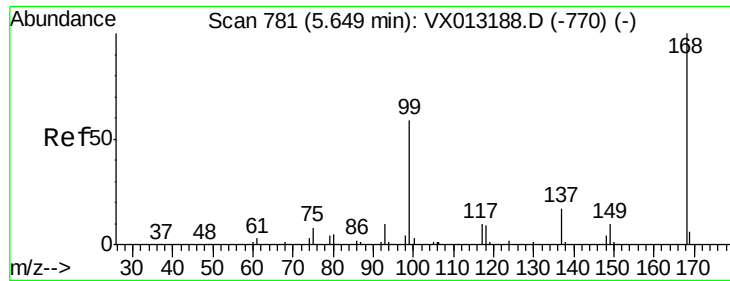
Manual Integrations
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10/31/2019 4:05:30 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	34742	21.025	ug/l	98
94) Hexachlorobutadiene	13.78	225	17904	20.945	ug/l	97
95) Naphthalene	13.83	128	107734	21.243	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	34320	21.018	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

Tgt Ion: 168 Resp: 70406

Ion Ratio Lower Upper

168 100

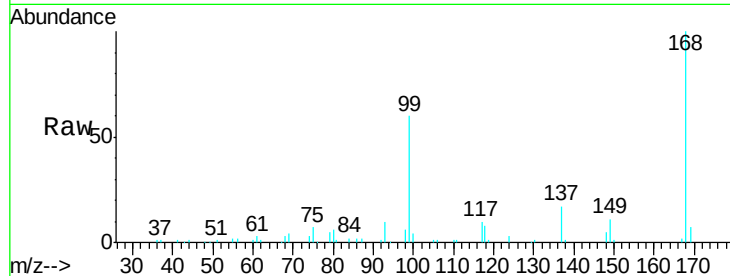
99 60.0 47.0 70.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

25000

20000

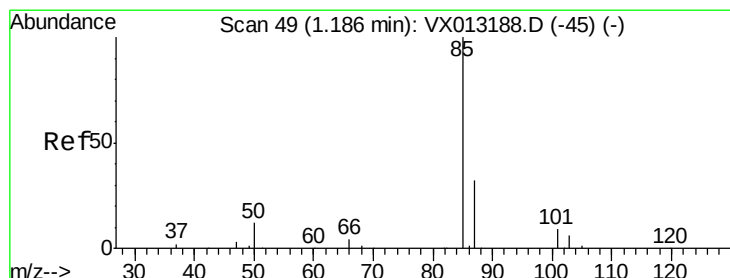
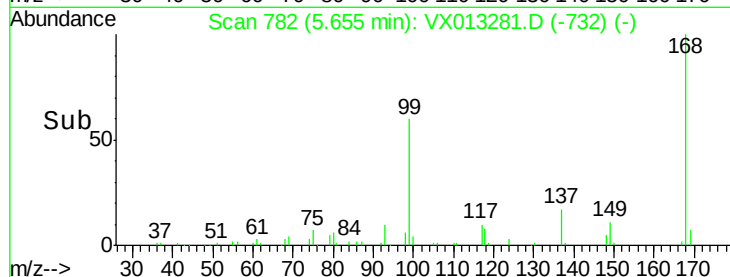
15000

10000

5000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.254 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013281.D

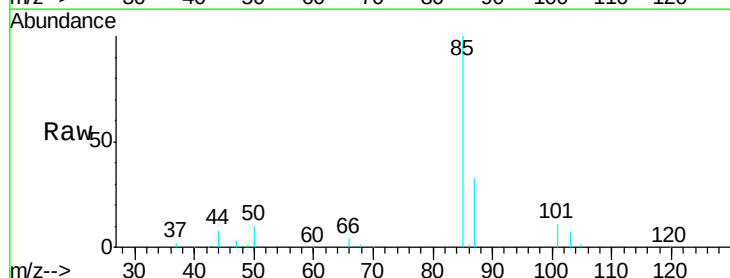
Acq: 30 Oct 2019 12:33

Tgt Ion: 85 Resp: 27353

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

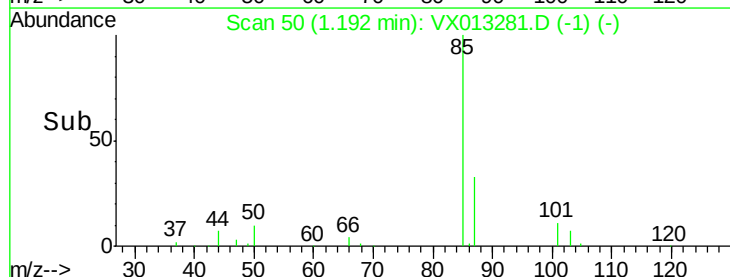
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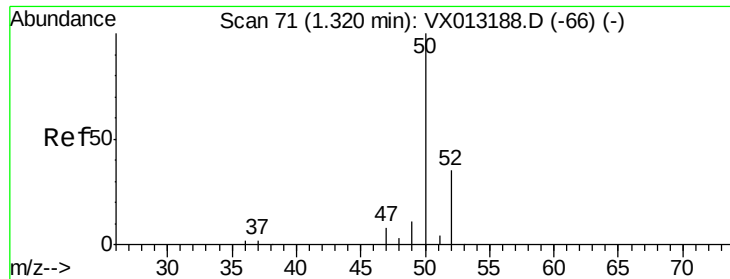
10000

5000

0

Time-->





#3

Chloromethane

Concen: 18.613 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

Tgt Ion: 50 Resp: 21044

Ion Ratio Lower Upper

50 100

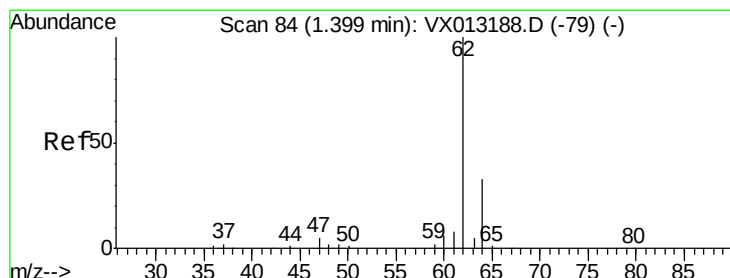
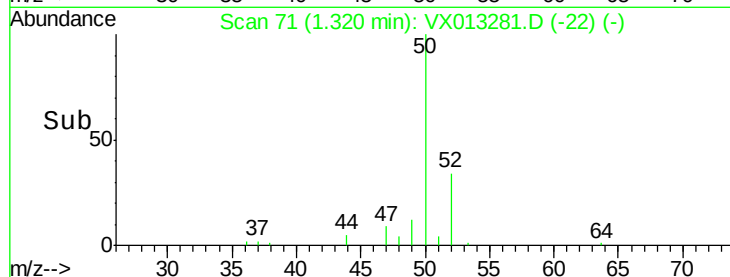
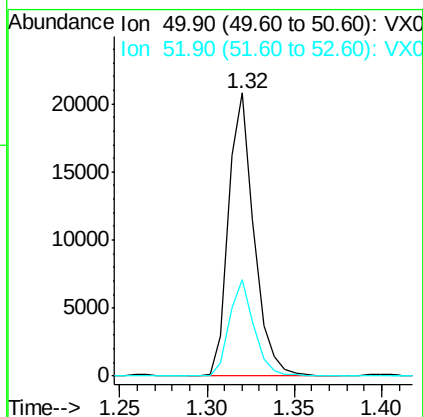
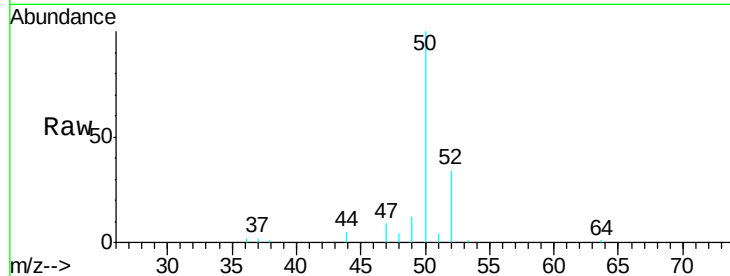
52 34.2 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.273 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013281.D

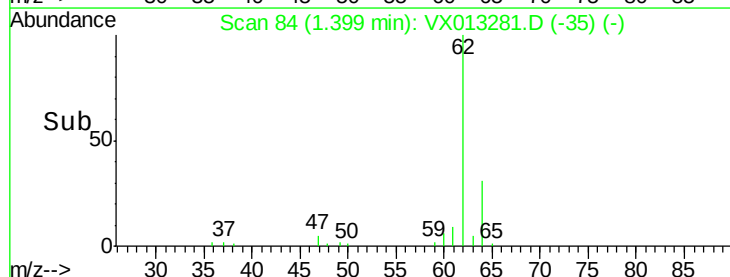
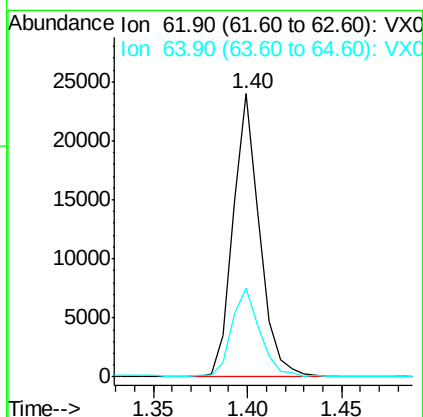
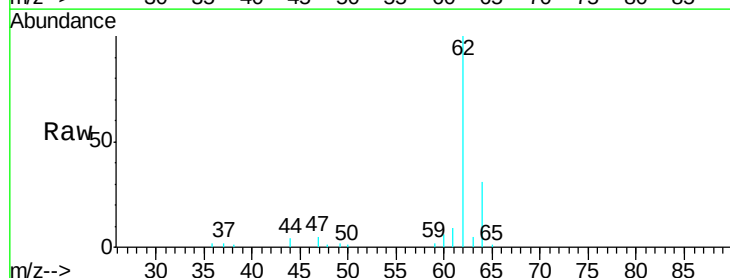
Acq: 30 Oct 2019 12:33

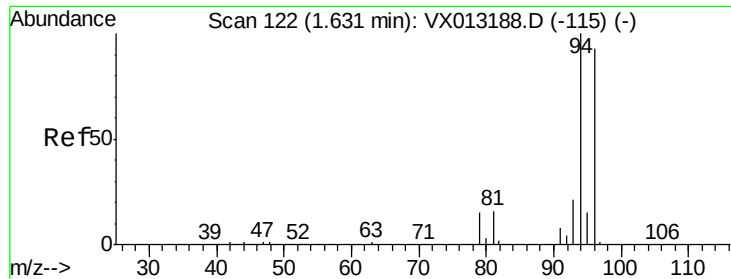
Tgt Ion: 62 Resp: 23362

Ion Ratio Lower Upper

62 100

64 31.3 26.4 39.6





#5

Bromomethane

Concen: 28.557 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

Tgt Ion: 94 Resp: 19352

Ion Ratio Lower Upper

94 100

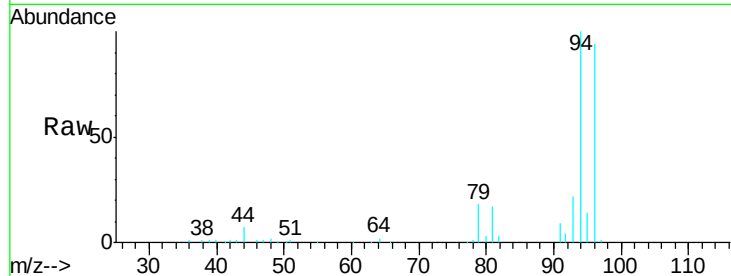
96 94.0 74.2 111.2

Manual Integrations

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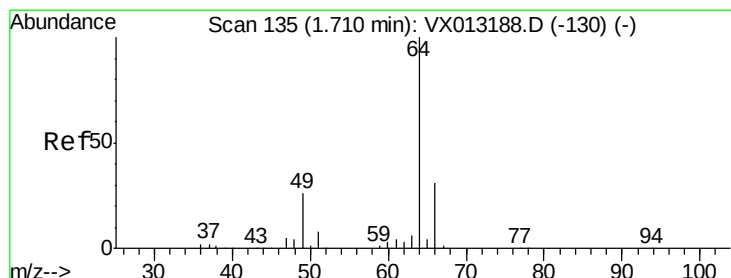
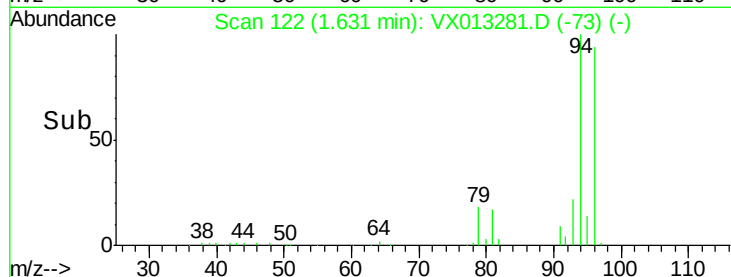
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

1.60 1.65

Time-->



#6

Chloroethane

Concen: 33.104 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013281.D

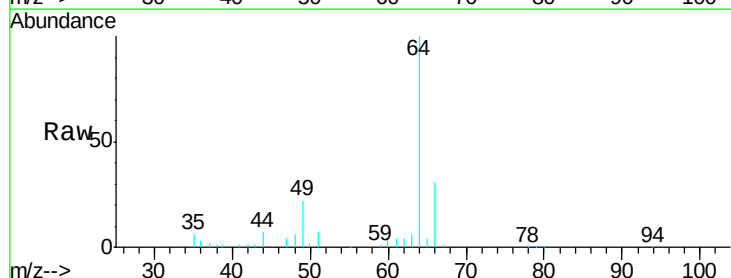
Acq: 30 Oct 2019 12:33

Tgt Ion: 64 Resp: 24304

Ion Ratio Lower Upper

64 100

66 31.9 25.0 37.6



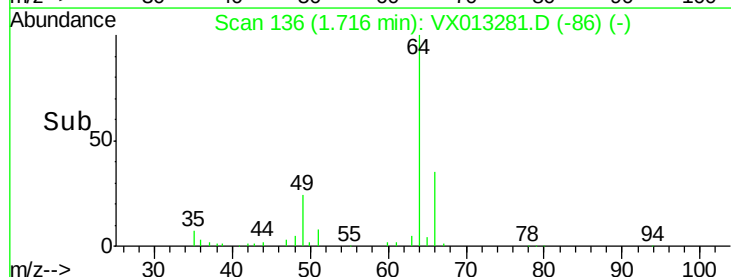
Abundance Ion 63.90 (63.60 to 64.60): VX0

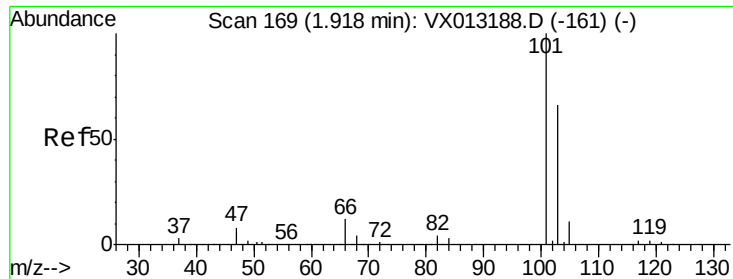
Ion 65.90 (65.60 to 66.60): VX0

1.72

1.65 1.70 1.75 1.80

Time-->





#7

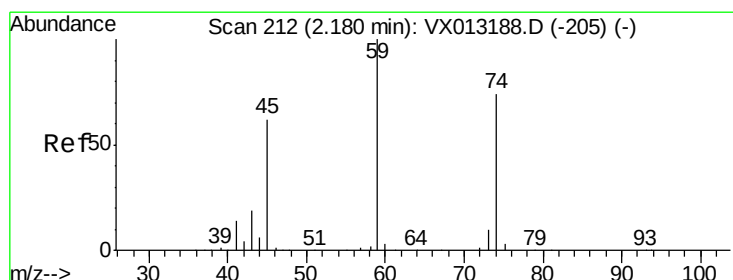
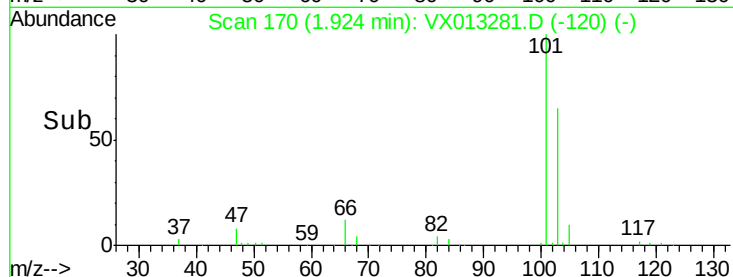
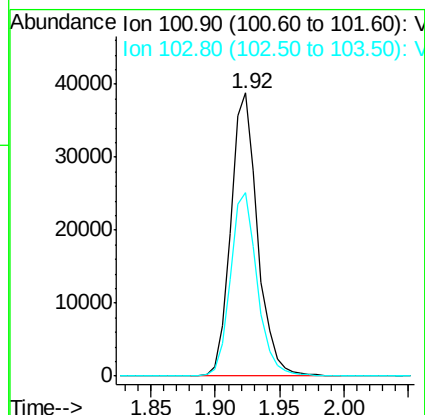
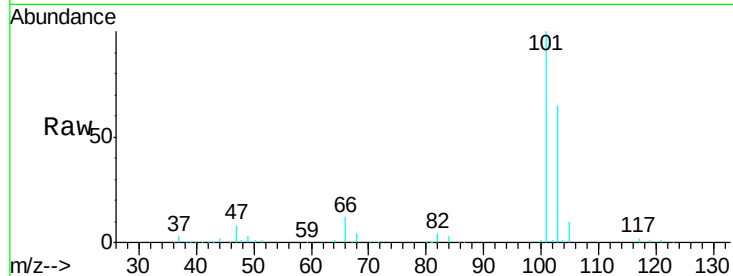
Trichlorofluoromethane
Concen: 28.183 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
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ClientSampleId :
VX1030WBSD01

Tgt Ion: 101 Resp: 56594
Ion Ratio Lower Upper
101 100
103 65.0 53.0 79.6

Manual Integrations
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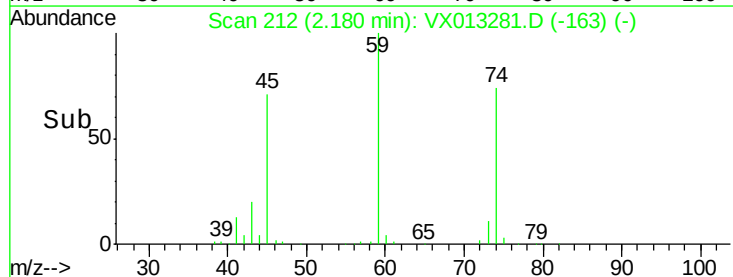
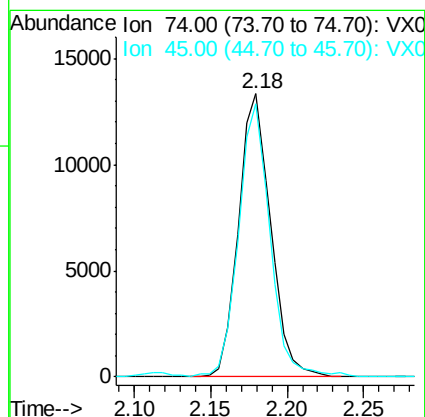
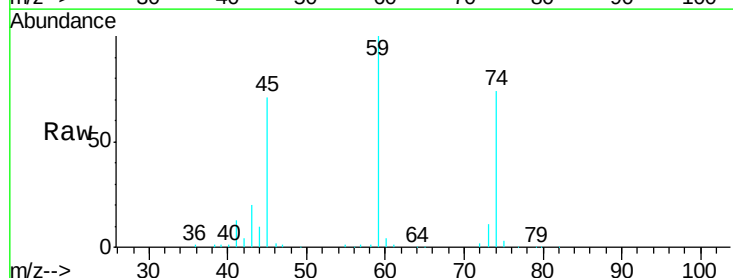
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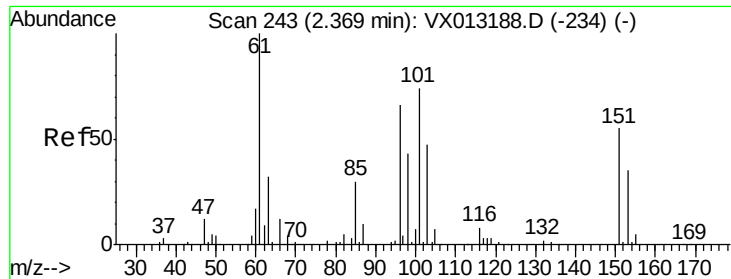


#8

Diethyl Ether
Concen: 28.073 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 74 Resp: 19425
Ion Ratio Lower Upper
74 100
45 94.8 44.8 134.3





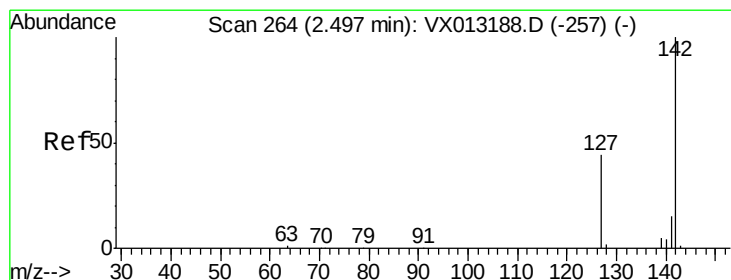
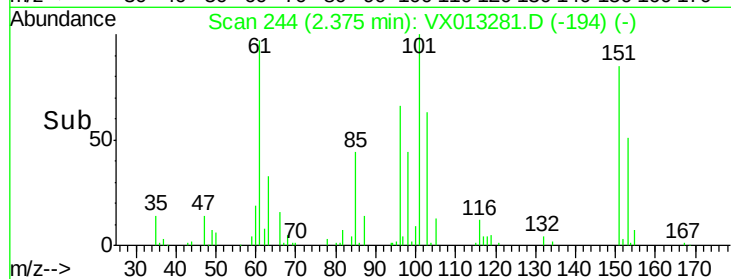
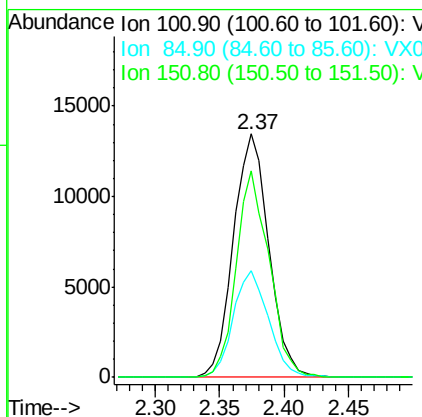
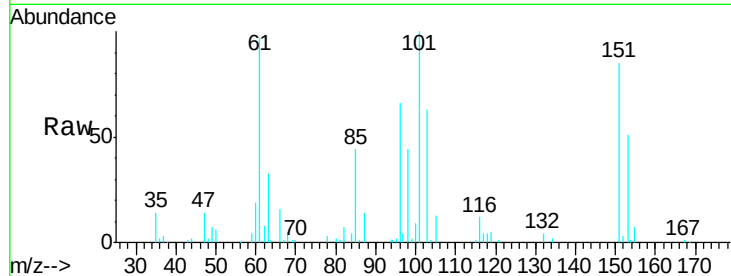
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.571 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX013281.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.8	34.0	51.0
151	78.9	62.0	93.0

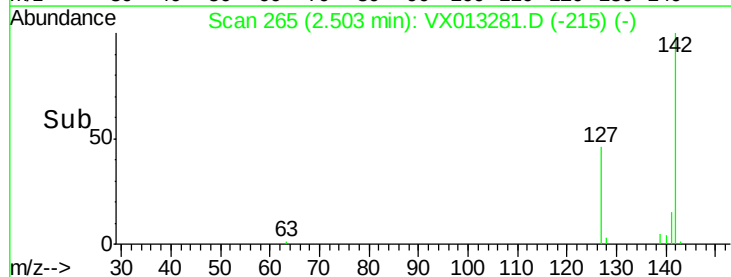
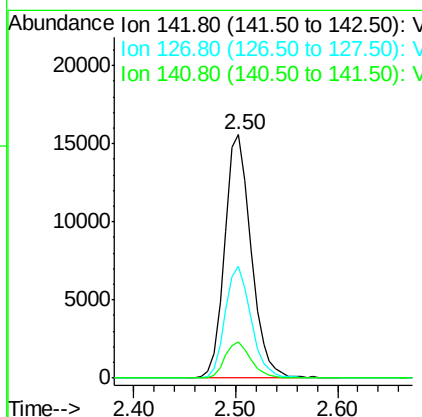
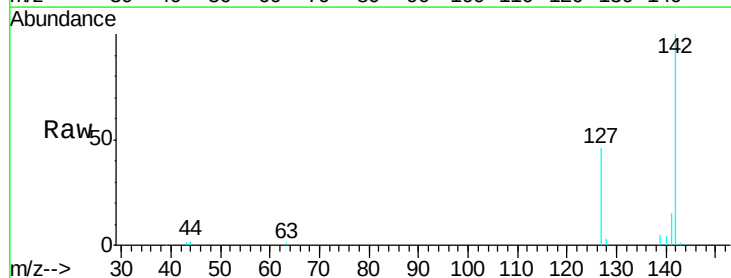
Manual Integrations
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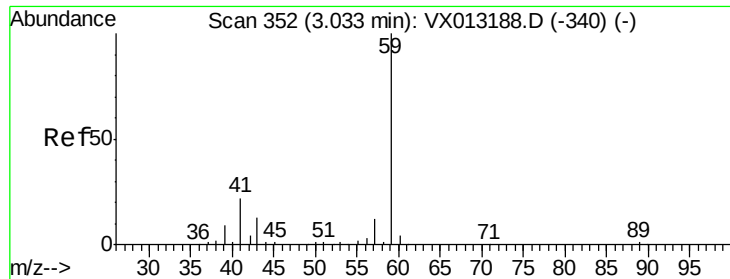
MMDadoda
10/31/2019 4:05:30 PM



#10
Methyl Iodide
Concen: 20.053 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.8	35.6	53.4
141	14.5	11.6	17.4





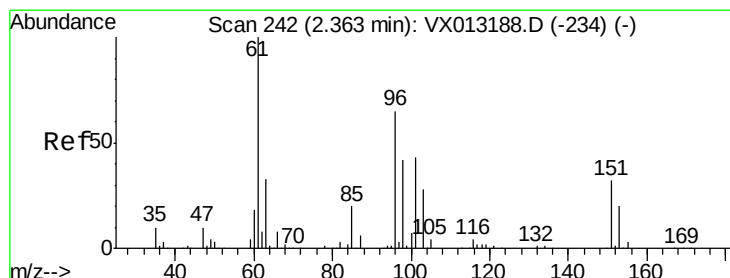
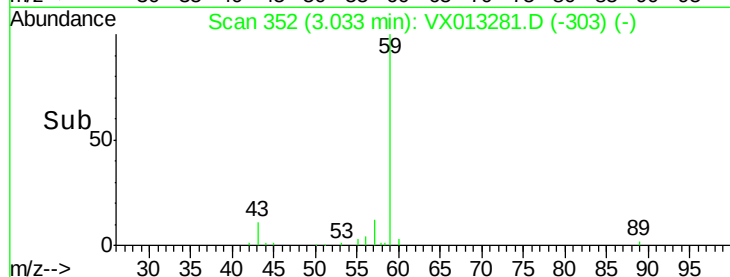
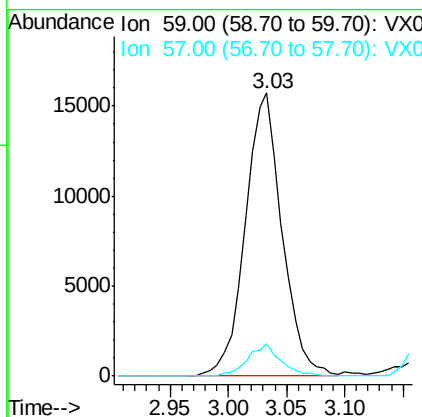
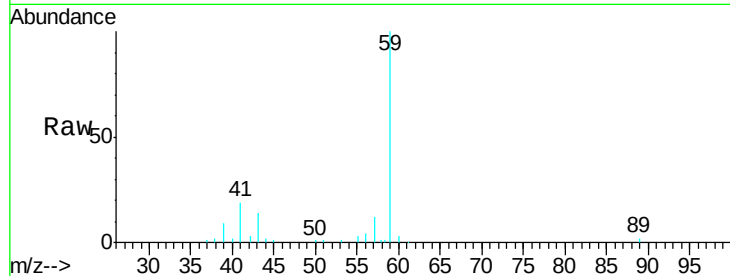
#11
Tert butyl alcohol
Concen: 107.598 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampled :
VX1030WBSD01

Tgt Ion: 59 Resp: 34567
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

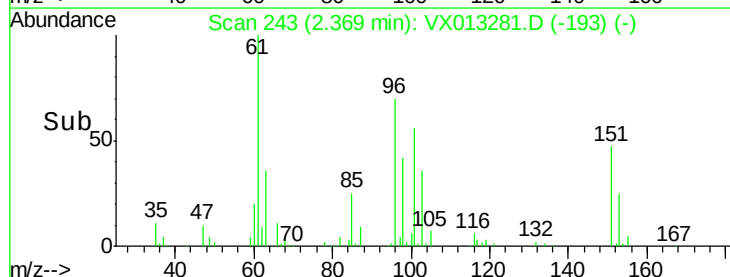
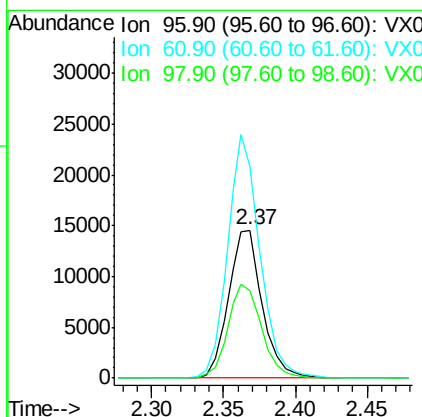
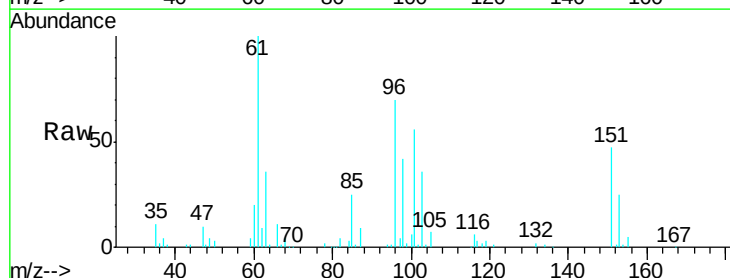
Manual Integrations
APPROVED

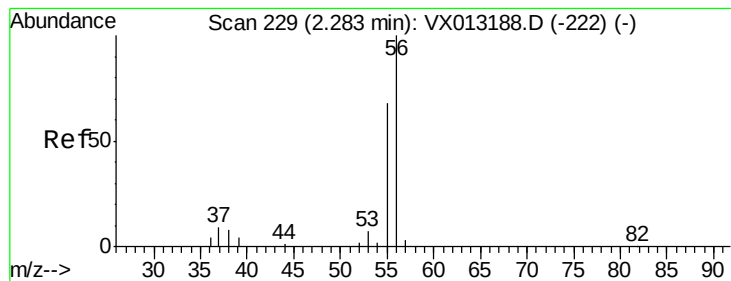
MMDadoda
10/31/2019 4:05:30 PM



#12
1,1-Dichloroethene
Concen: 19.810 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 96 Resp: 23760
Ion Ratio Lower Upper
96 100
61 143.0 123.8 185.8
98 59.4 51.6 77.4





#13

Acrolein

Concen: 80.007 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

Tgt Ion: 56 Resp: 13823

Ion Ratio Lower Upper

56 100

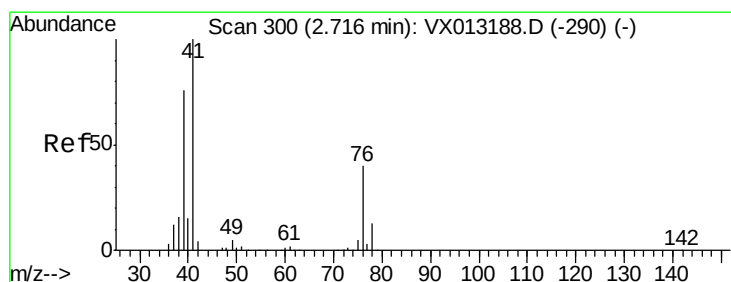
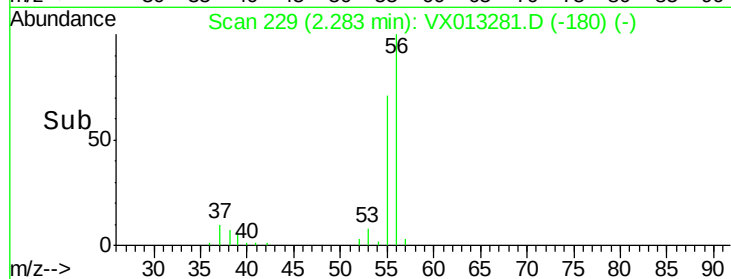
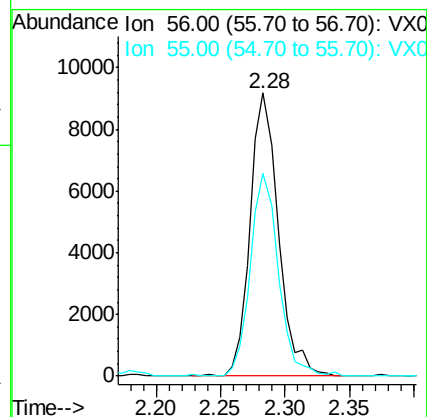
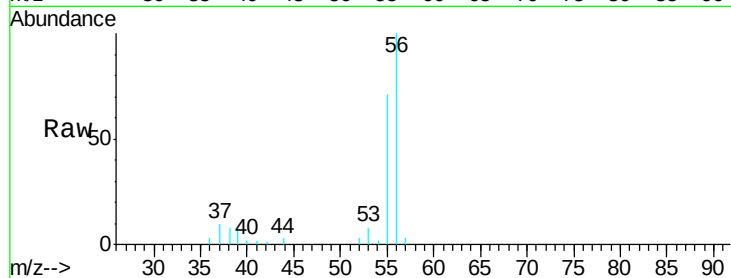
55 71.4 58.9 88.3

Manual Integrations

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#14

Allyl chloride

Concen: 19.021 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

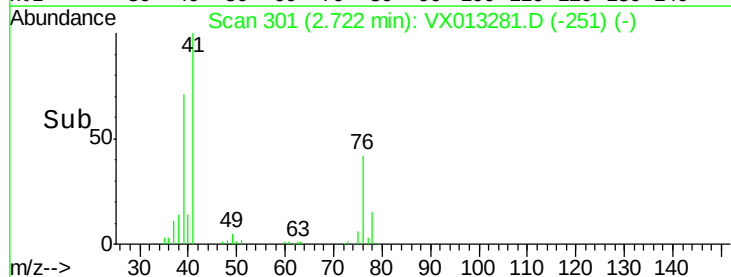
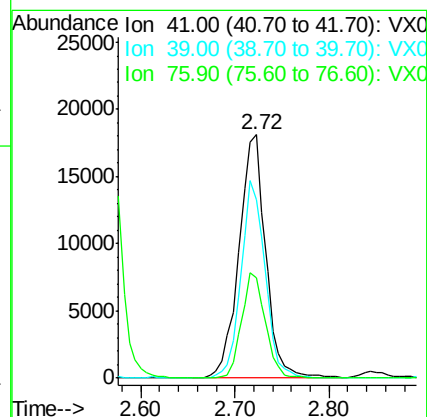
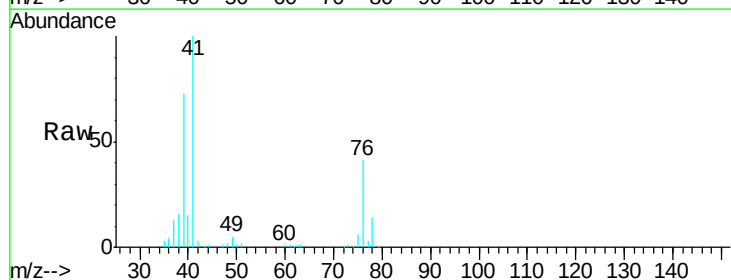
Tgt Ion: 41 Resp: 35915

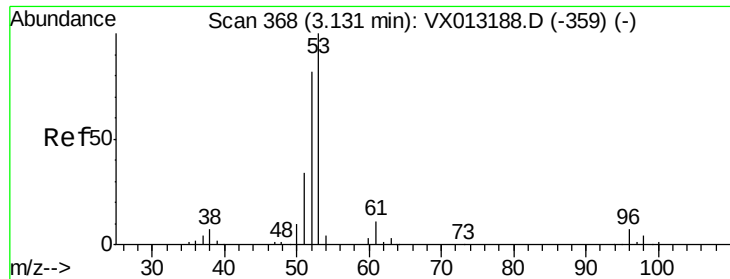
Ion Ratio Lower Upper

41 100

39 72.9 54.6 81.8

76 38.2 29.8 44.6





#15

Acrylonitrile

Concen: 101.989 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

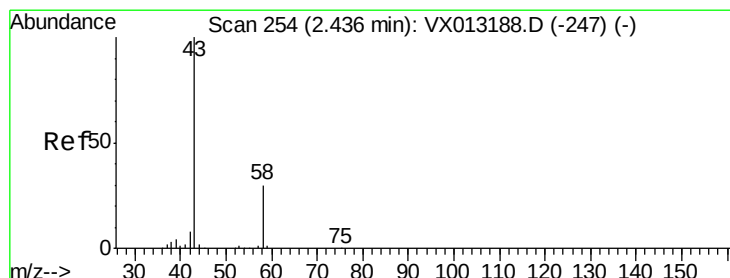
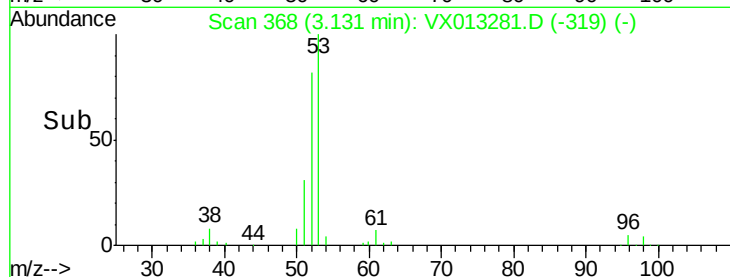
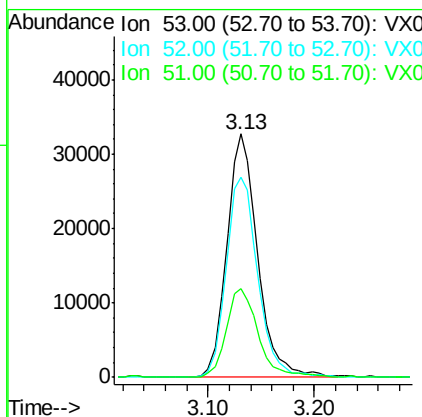
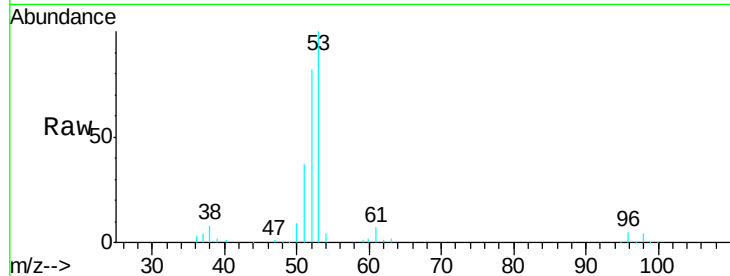
ClientSampleId :

VX1030WBSD01

Tgt Ion:	53	Resp:	66199
Ion	Ratio	Lower	Upper
53	100		
52	84.7	66.4	99.6
51	38.0	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 107.184 ug/l

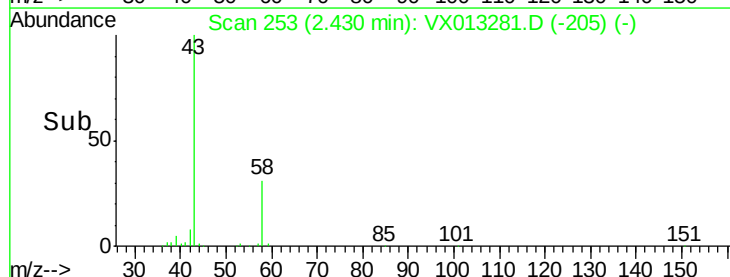
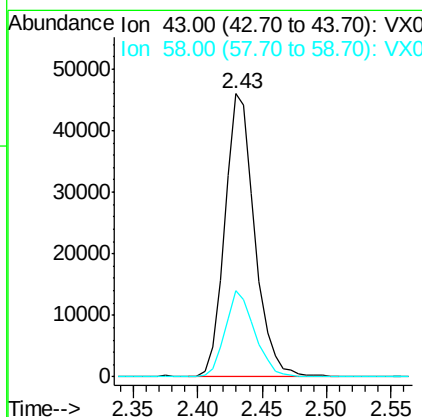
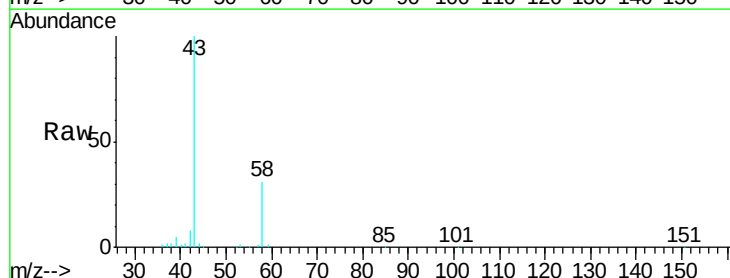
RT: 2.43 min Scan# 253

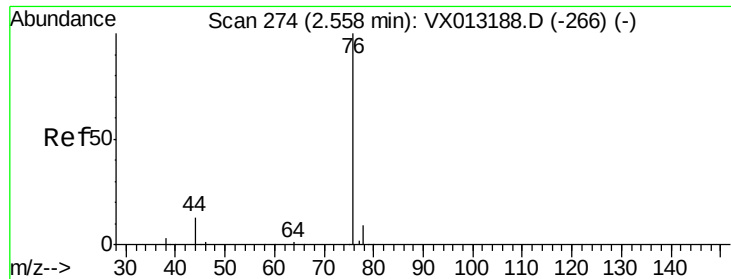
Delta R.T. -0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Tgt Ion:	43	Resp:	74360
Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.8	35.6





#17

Carbon Disulfide

Concen: 17.391 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

Tgt Ion: 76 Resp: 56078

Ion Ratio Lower Upper

76 100

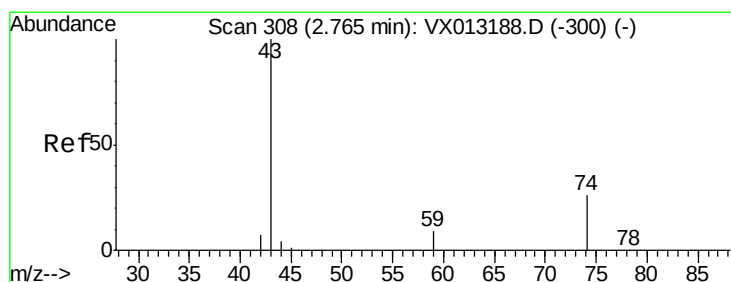
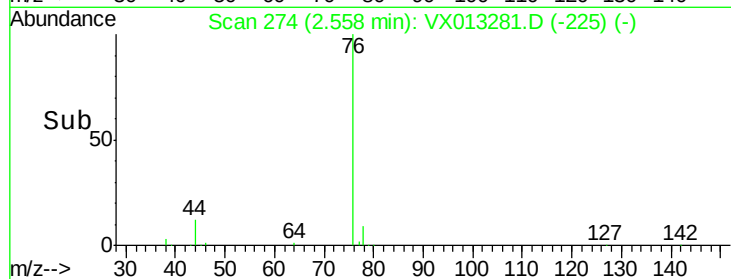
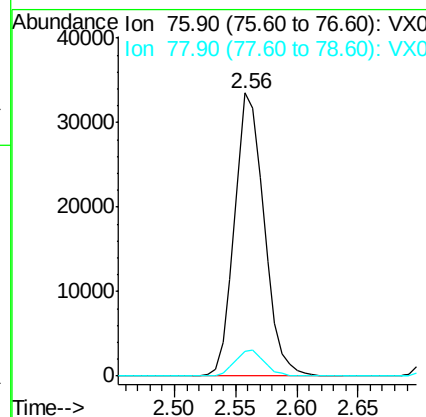
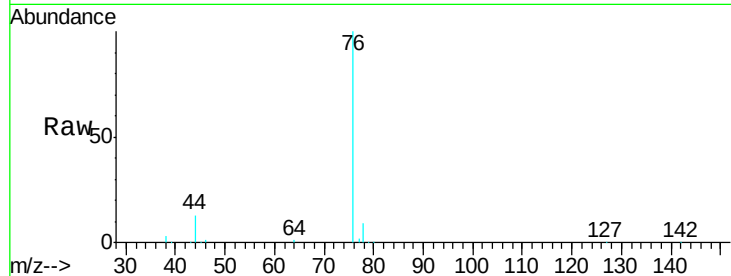
78 8.8 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 21.951 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX013281.D

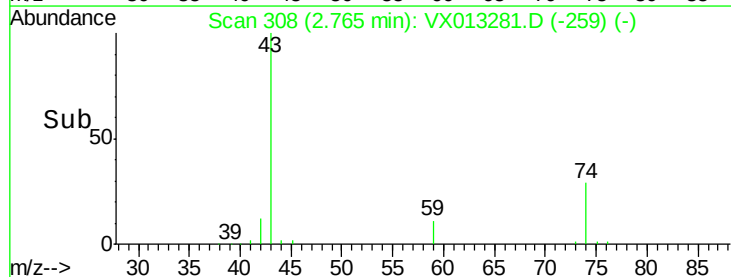
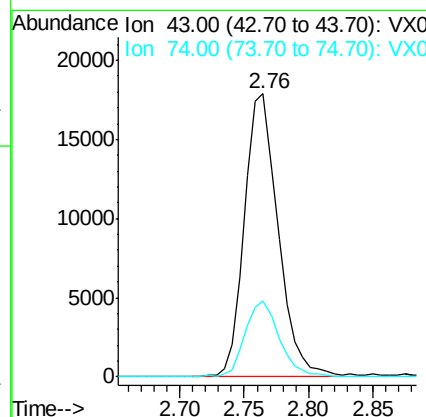
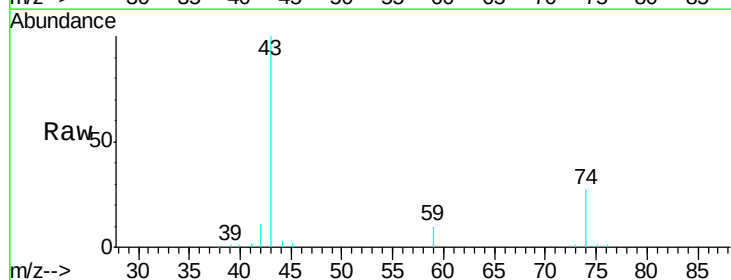
Acq: 30 Oct 2019 12:33

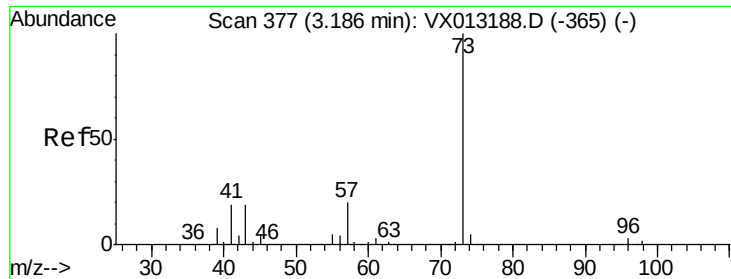
Tgt Ion: 43 Resp: 32414

Ion Ratio Lower Upper

43 100

74 27.5 20.9 31.3





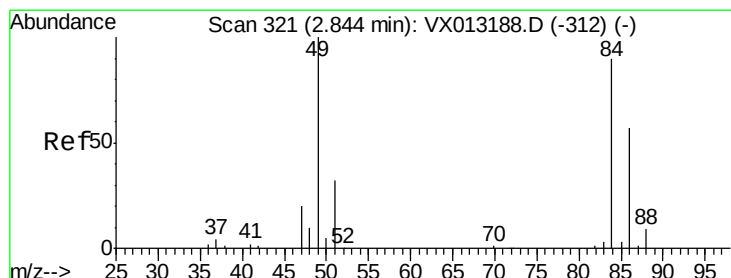
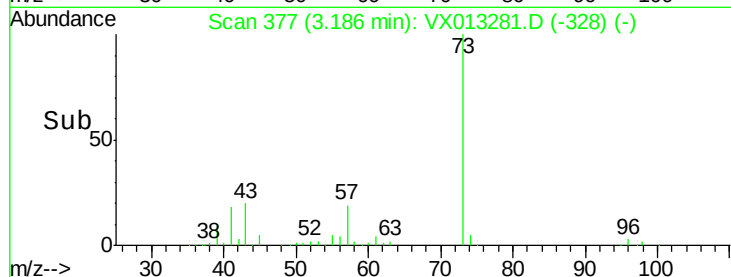
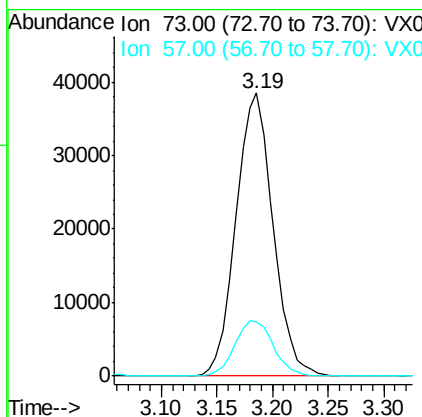
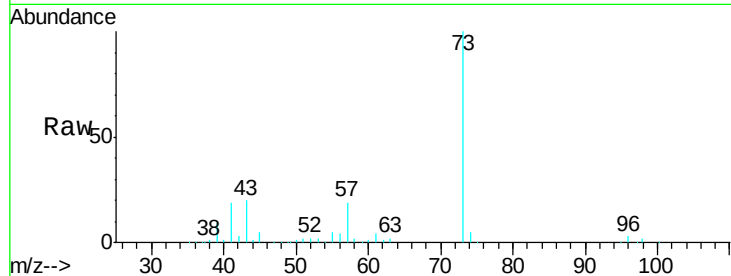
#19
Methyl tert-butyl Ether
Concen: 21.004 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion: 73 Resp: 88712
Ion Ratio Lower Upper
73 100
57 18.9 15.8 23.8

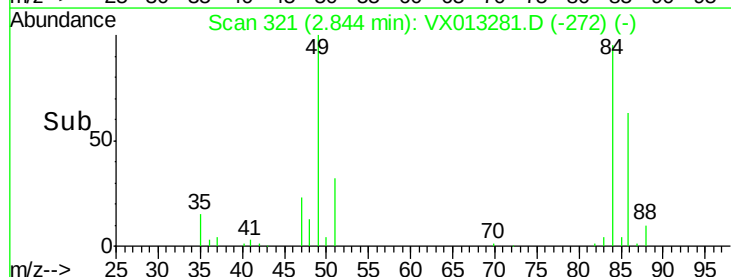
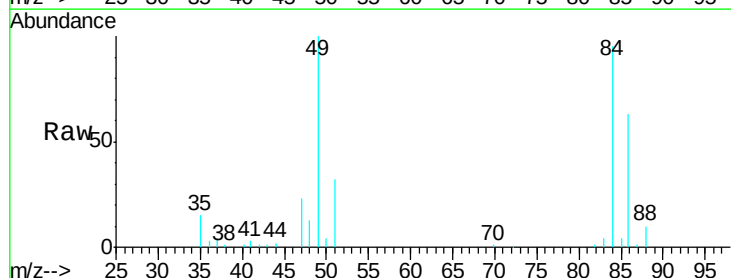
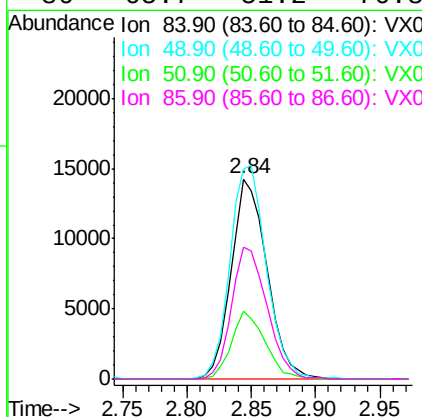
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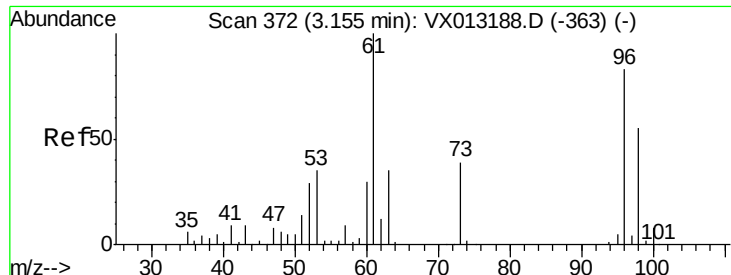
MMDadoda
10/31/2019 4:05:30 PM



#20
Methylene Chloride
Concen: 21.457 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 84 Resp: 27623
Ion Ratio Lower Upper
84 100
49 104.8 89.2 133.8
51 33.7 28.8 43.2
86 65.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.577 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

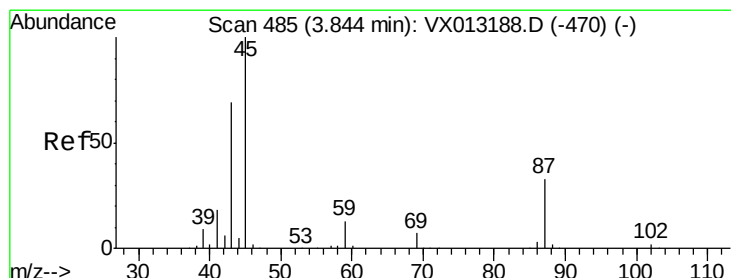
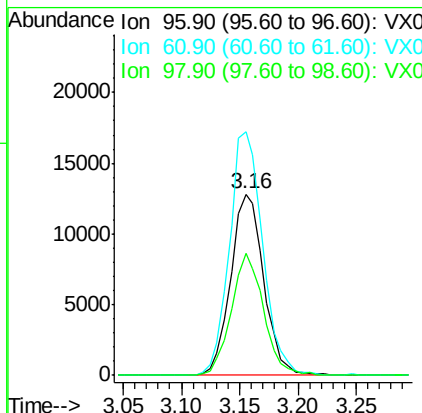
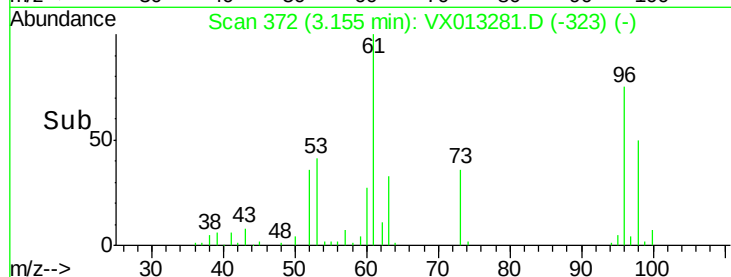
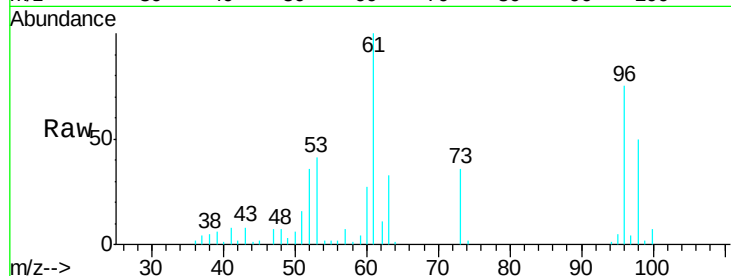
ClientSampleId :

VX1030WBSD01

Tgt Ion:	96	Resp:	25326
Ion	Ratio	Lower	Upper
96	100		
61	134.2	96.9	145.3
98	67.2	53.0	79.4

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#22

Diisopropyl ether

Concen: 20.058 ug/l

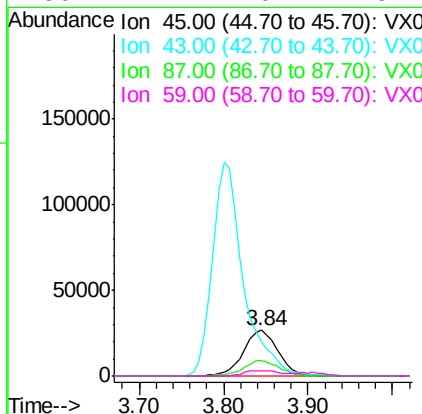
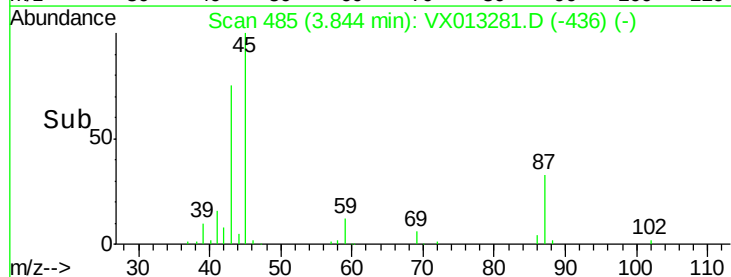
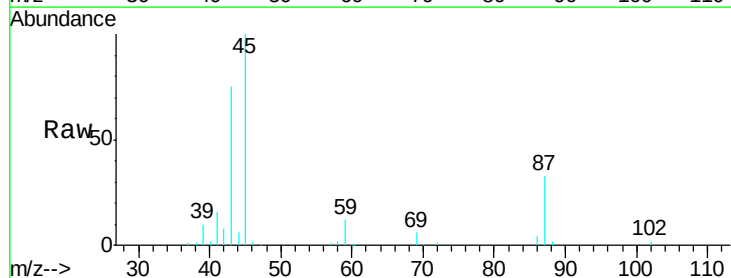
RT: 3.84 min Scan# 485

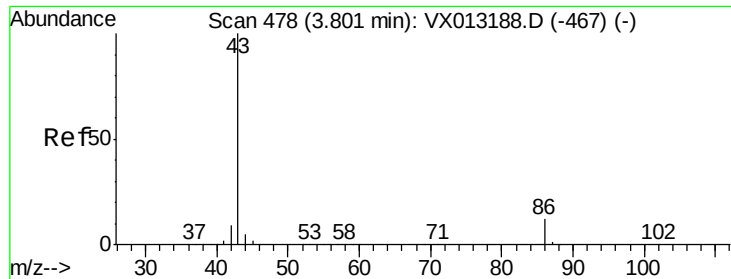
Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Tgt Ion:	45	Resp:	74053
Ion	Ratio	Lower	Upper
45	100		
43	73.5	55.5	83.3
87	33.1	26.7	40.1
59	12.1	10.2	15.2





#23

Vinyl Acetate

Concen: 101.793 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

Tgt Ion: 43 Resp: 319426

Ion Ratio Lower Upper

43 100

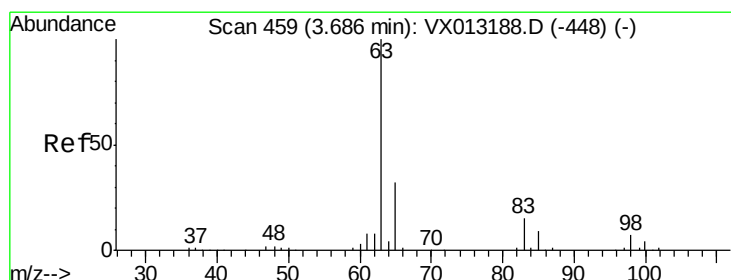
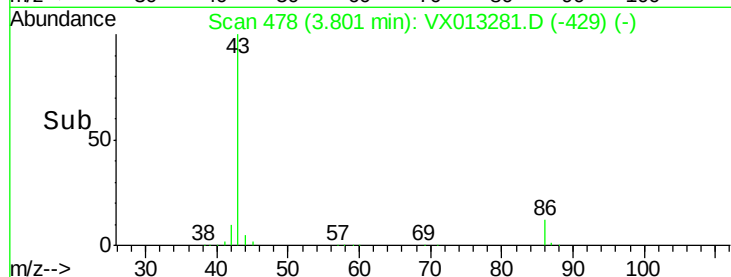
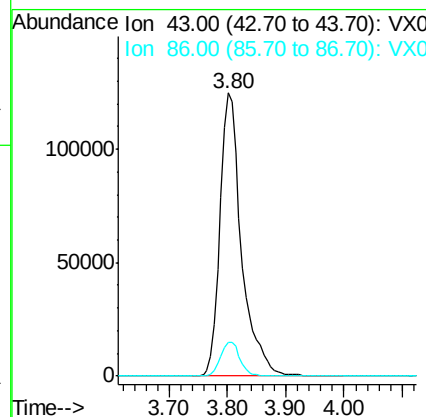
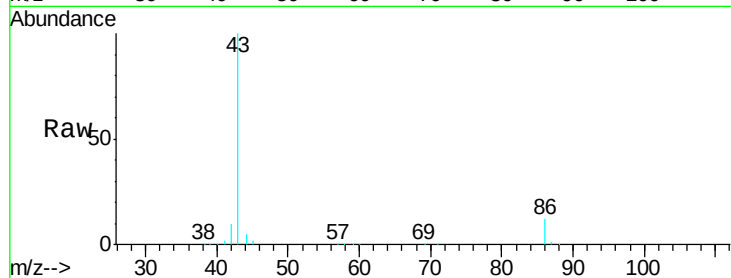
86 11.8 9.7 14.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.506 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

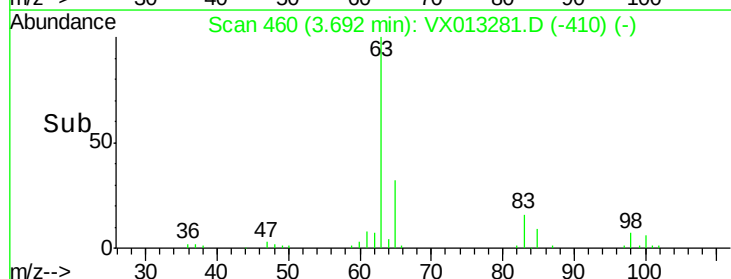
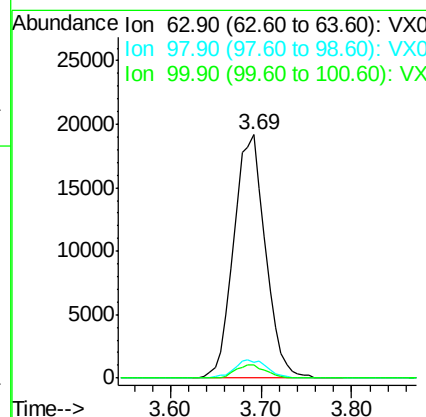
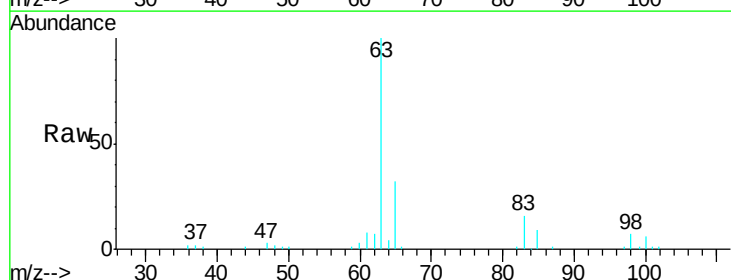
Tgt Ion: 63 Resp: 46566

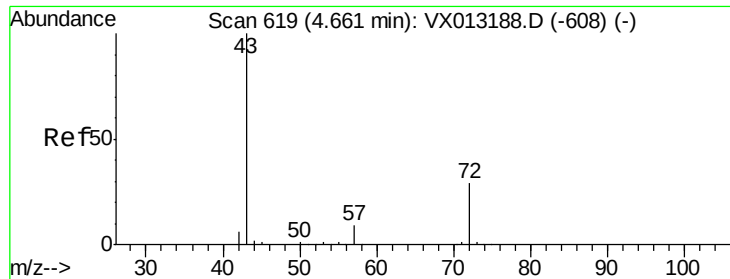
Ion Ratio Lower Upper

63 100

98 6.7 3.8 11.2

100 5.6 2.2 6.6





#25

2-Butanone

Concen: 103.631 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampled :

VX1030WBSD01

Tgt Ion: 43 Resp: 96419

Ion Ratio Lower Upper

43 100

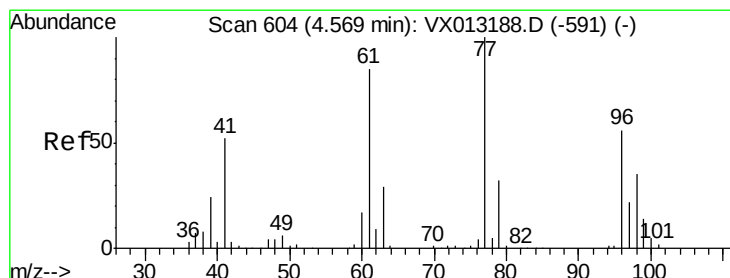
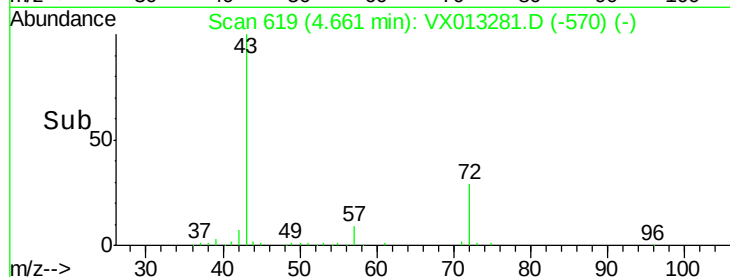
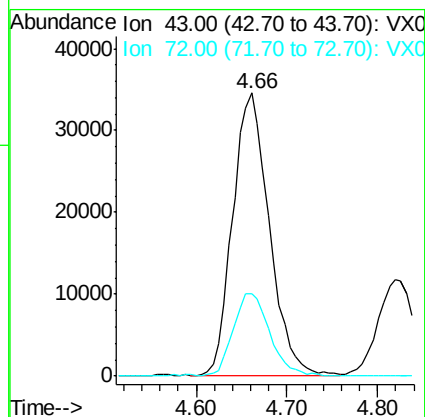
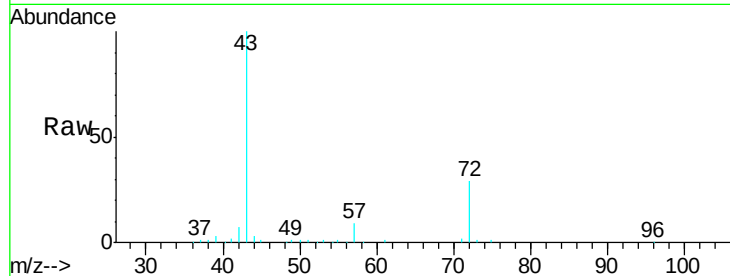
72 28.9 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.387 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013281.D

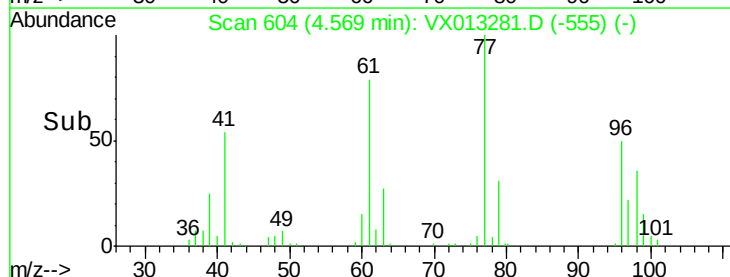
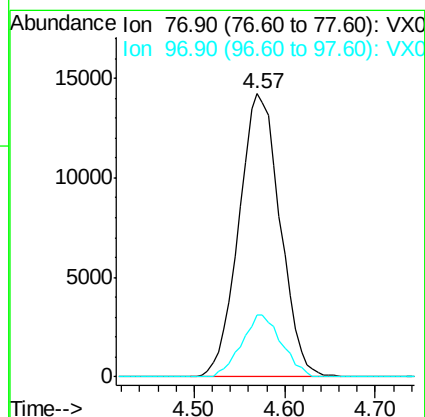
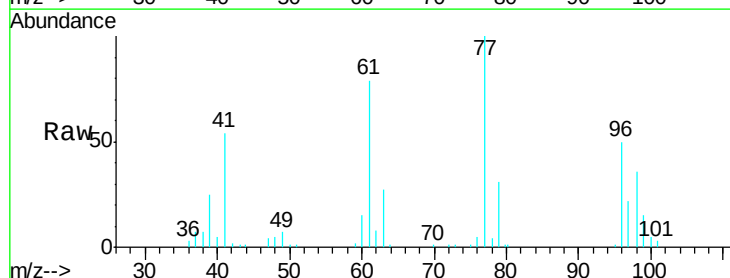
Acq: 30 Oct 2019 12:33

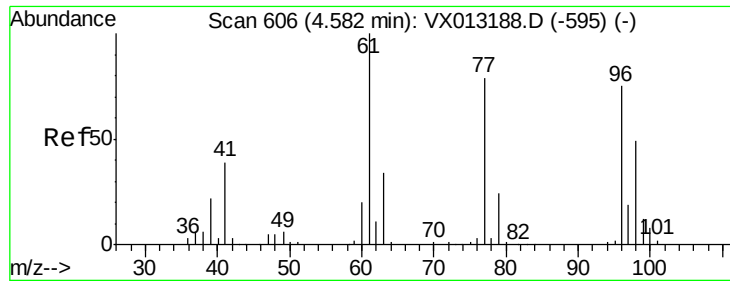
Tgt Ion: 77 Resp: 44886

Ion Ratio Lower Upper

77 100

97 21.1 10.9 32.6





#27

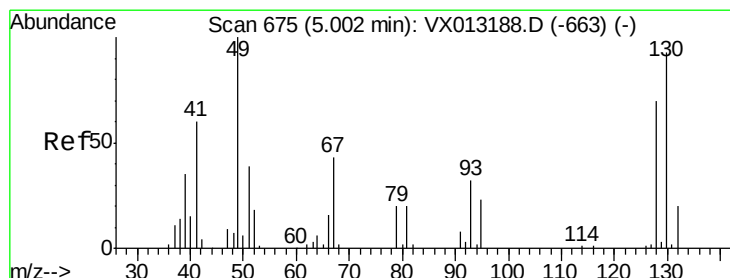
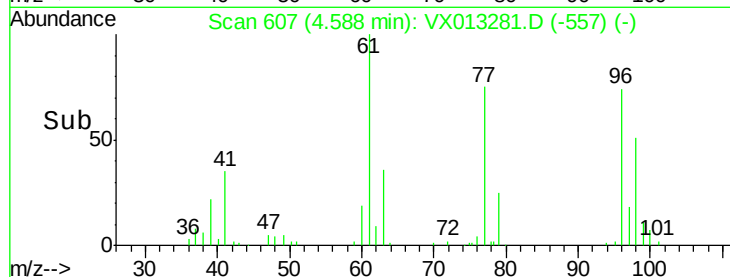
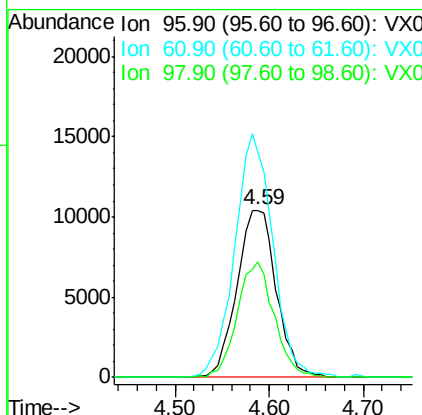
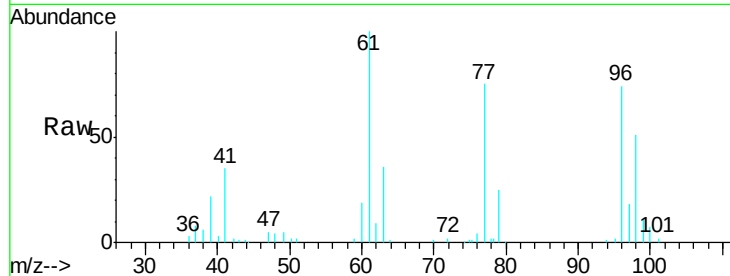
cis-1,2-Dichloroethene
Concen: 20.620 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	30288		
61	141.4	0.0	290.4	
98	64.5	0.0	130.4	

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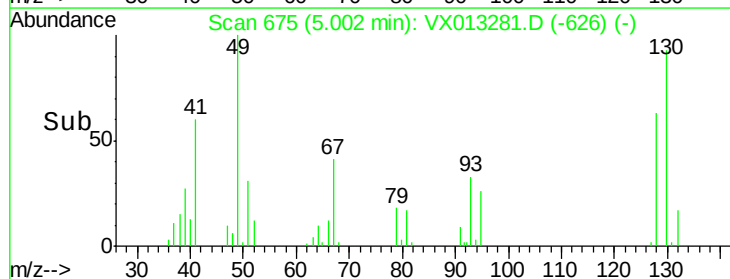
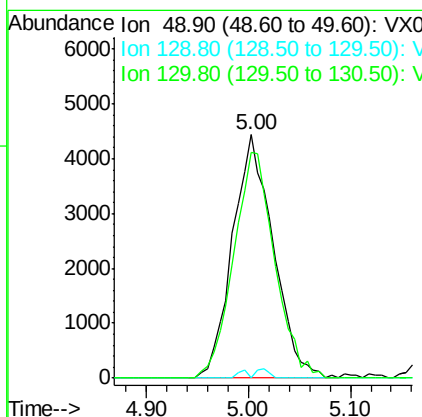
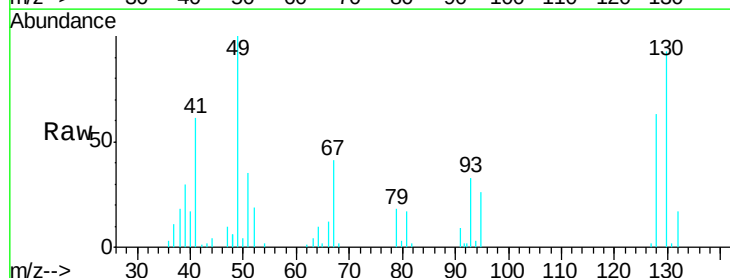
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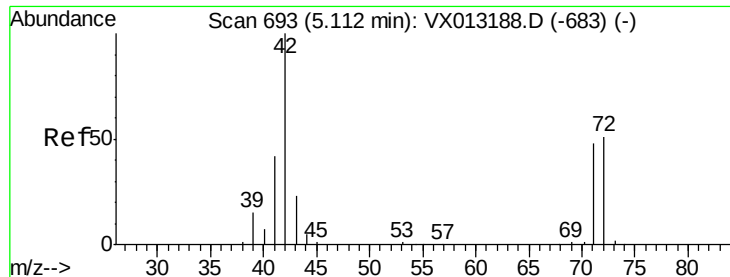


#28

Bromochloromethane
Concen: 20.970 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	12279		
129	0.7	0.0	4.8	
130	93.8	71.8	107.8	





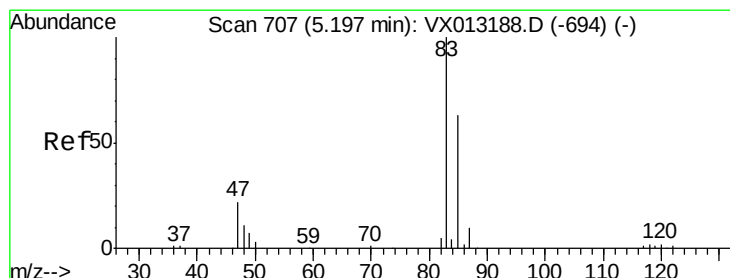
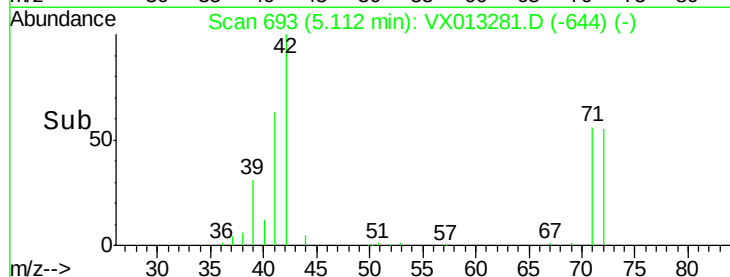
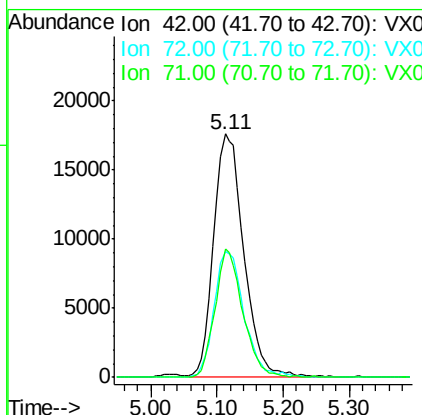
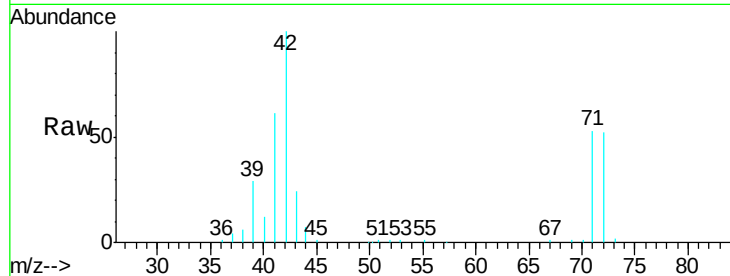
#29
Tetrahydrofuran
Concen: 99.554 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.3	40.9	61.3
71	48.1	38.6	57.8

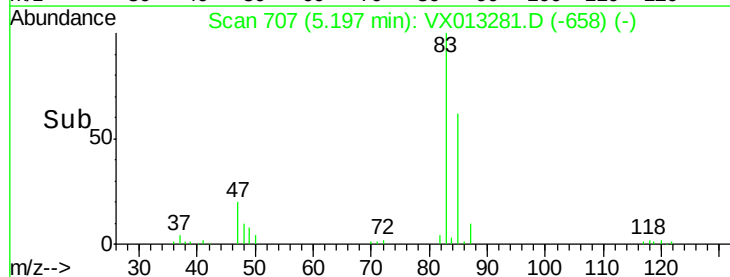
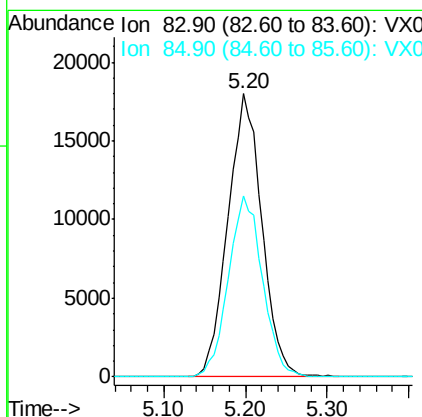
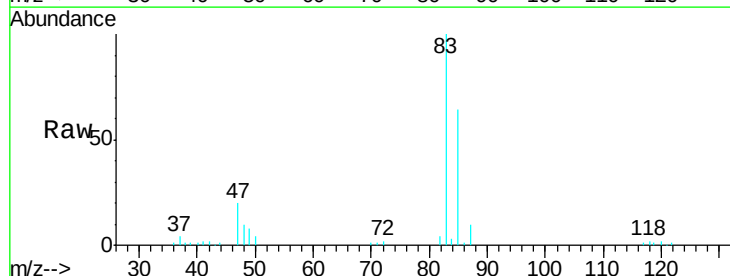
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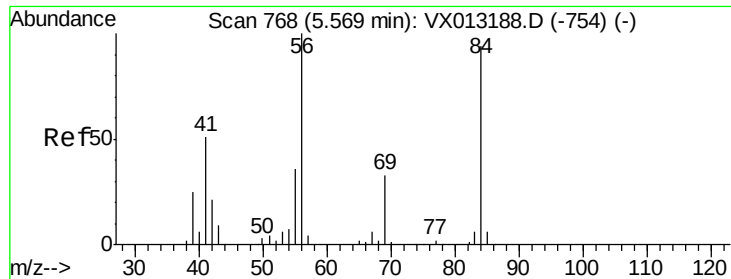
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#30
Chloroform
Concen: 21.446 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.1	75.1





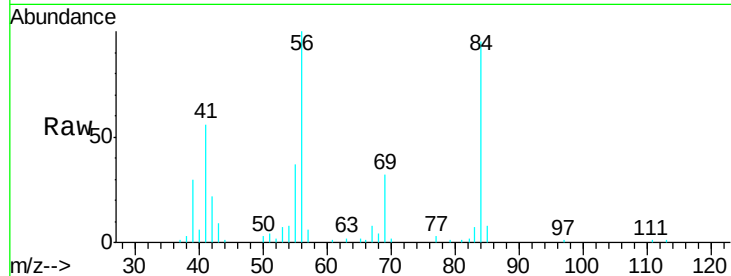
#31
Cyclohexane
Concen: 19.620 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

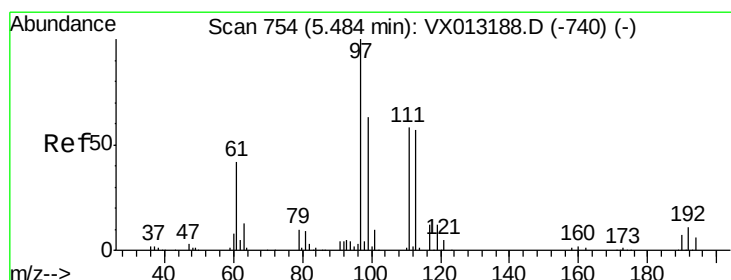
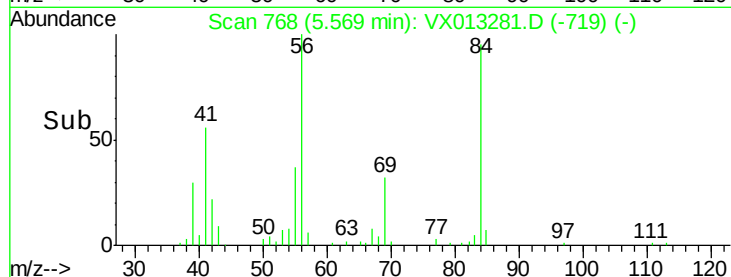
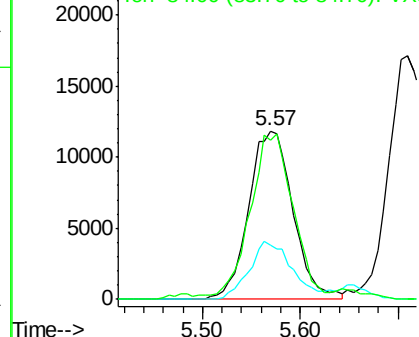
Tgt Ion: 56 Resp: 37365
Ion Ratio Lower Upper
56 100
69 32.1 26.3 39.5
84 92.9 73.8 110.6

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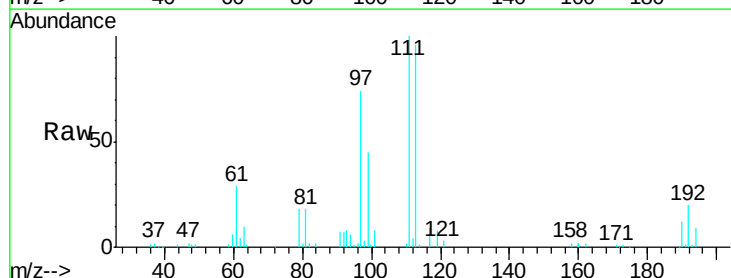


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

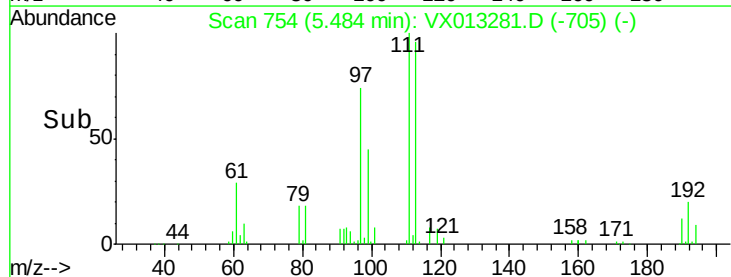
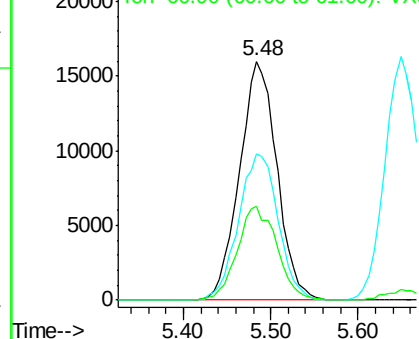


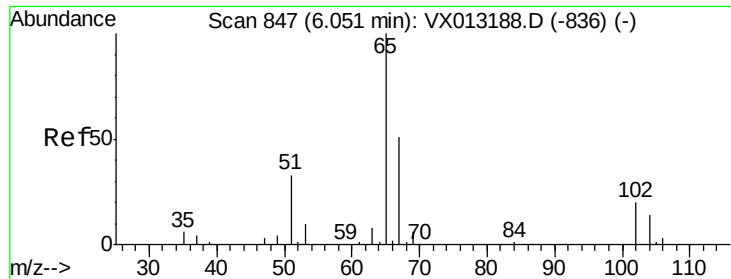
#32
1,1,1-Trichloroethane
Concen: 22.114 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 97 Resp: 47541
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 41.4 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





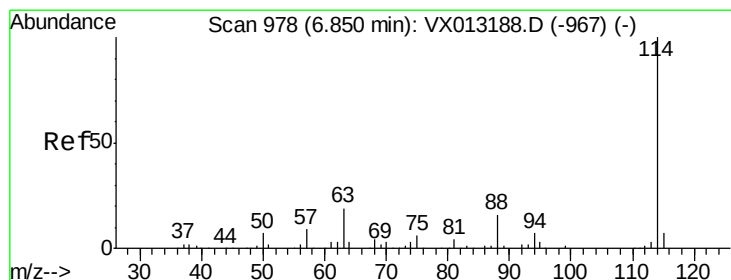
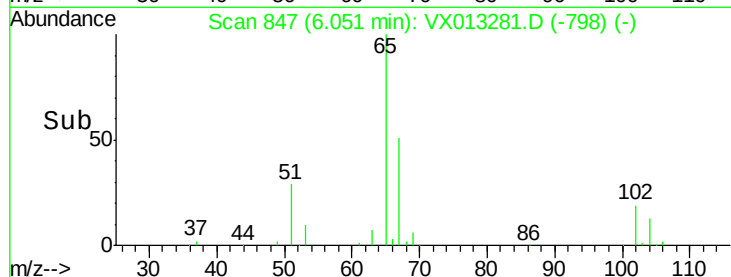
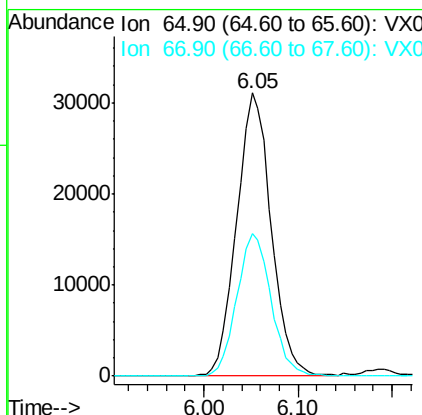
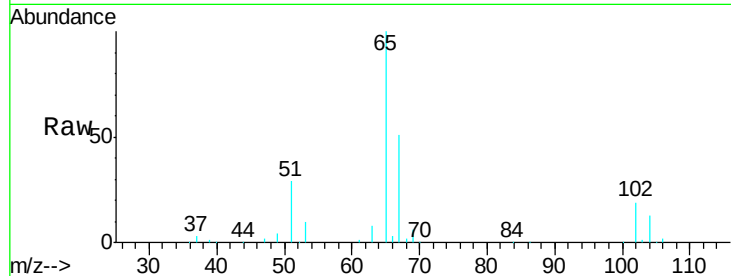
#33
 1,2-Dichloroethane-d4
 Concen: 54.189 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1030WBSD01

Tgt Ion: 65 Resp: 79797
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.6

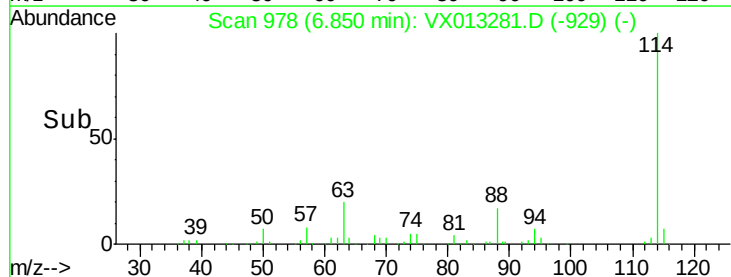
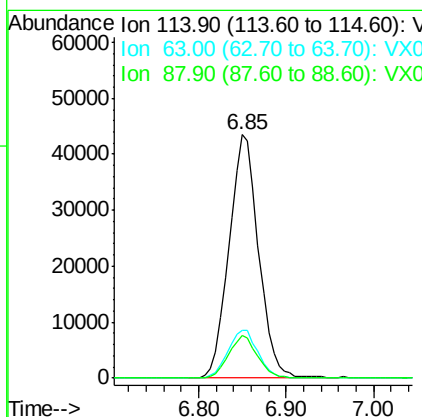
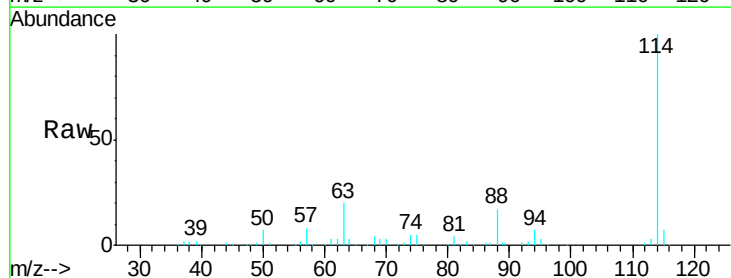
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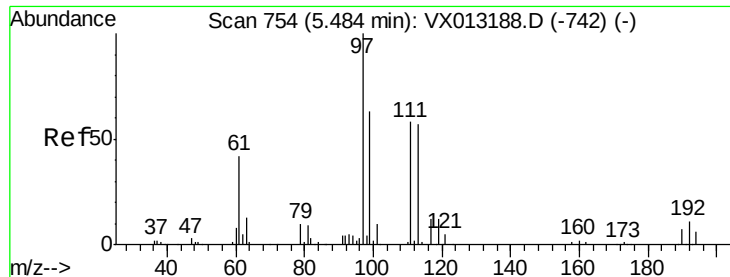
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion: 114 Resp: 102131
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 17.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.867 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

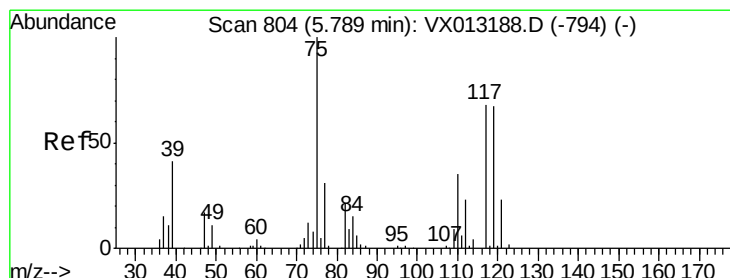
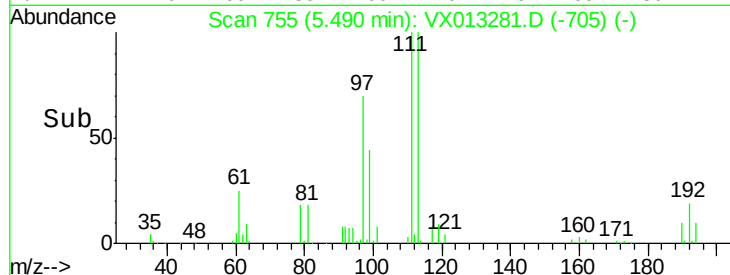
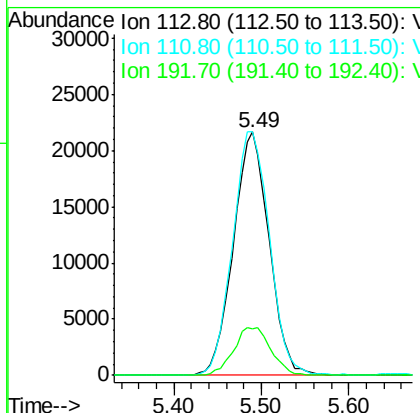
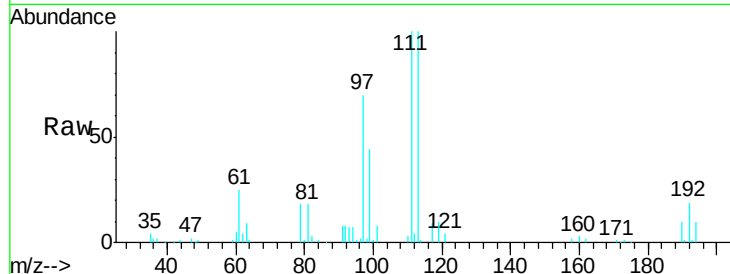
ClientSampleId :

VX1030WBSD01

Tgt Ion:	113	Resp:	61350
Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.3	120.5
192	20.6	15.9	23.9

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#36

1,1-Dichloropropene

Concen: 21.232 ug/l

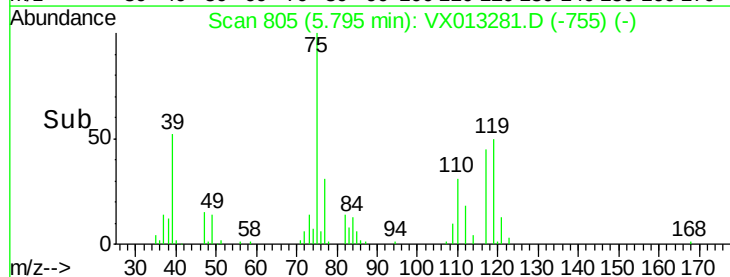
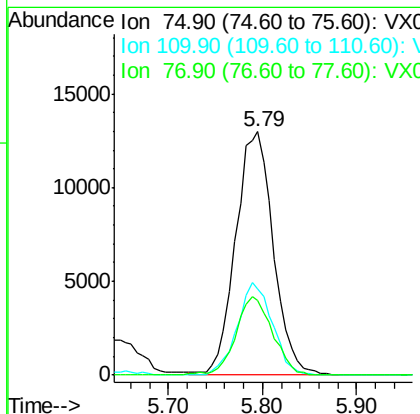
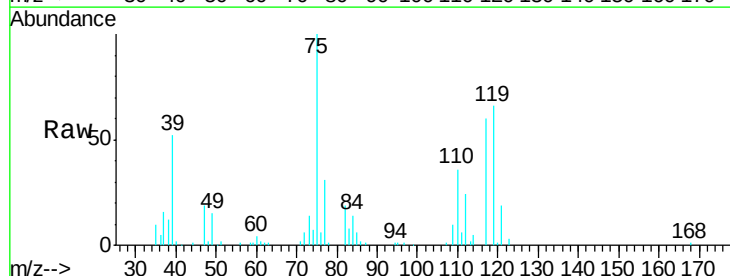
RT: 5.79 min Scan# 805

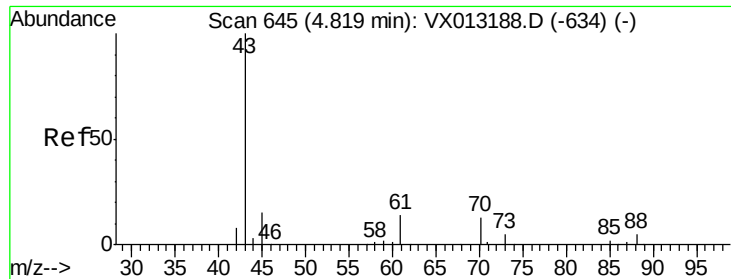
Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Tgt Ion:	75	Resp:	36374
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.6	52.9
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 20.141 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

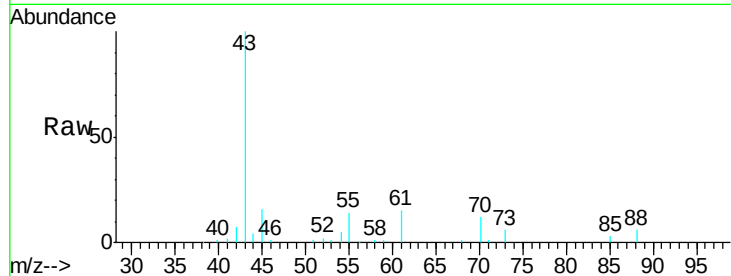
ClientSampleId :

VX1030WBSD01

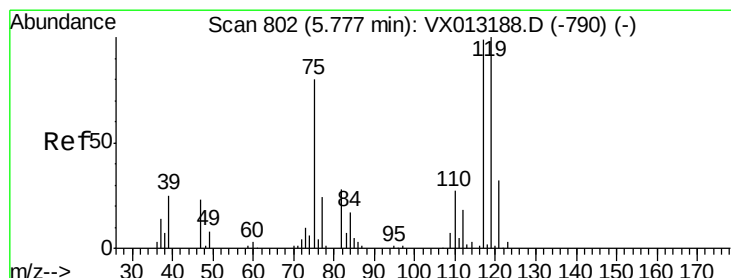
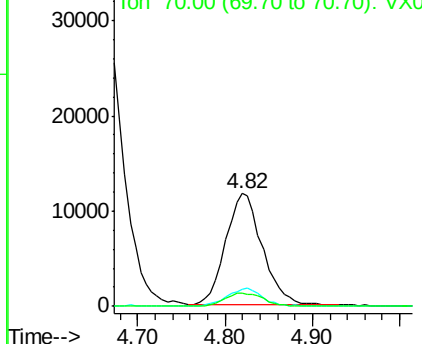
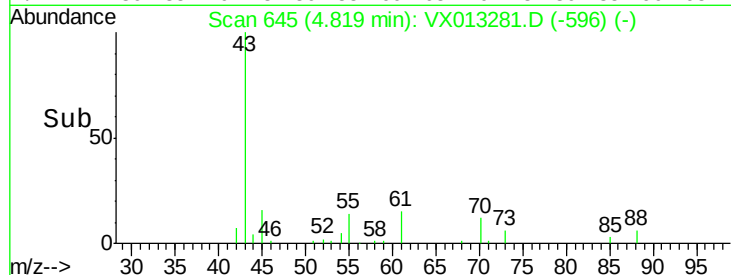
Tgt Ion:	43	Resp:	34278
Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.1	18.1
70	12.4	10.4	15.6

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX013281.D (-596) (-)



#38

Carbon Tetrachloride

Concen: 21.456 ug/l

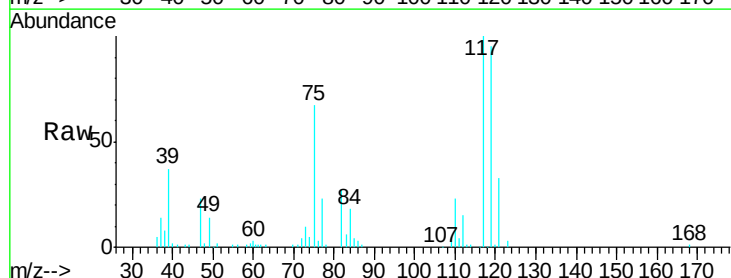
RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

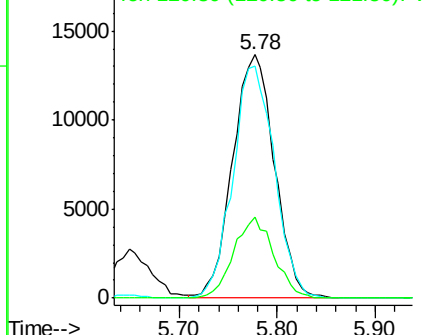
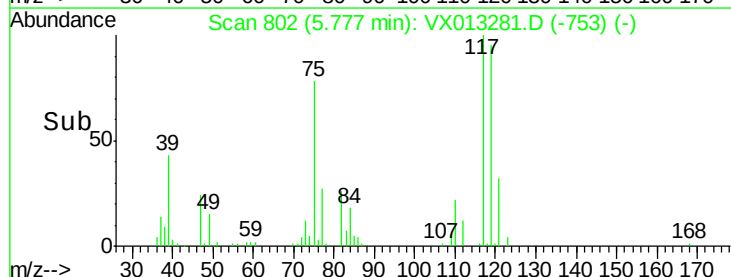
Lab File: VX013281.D

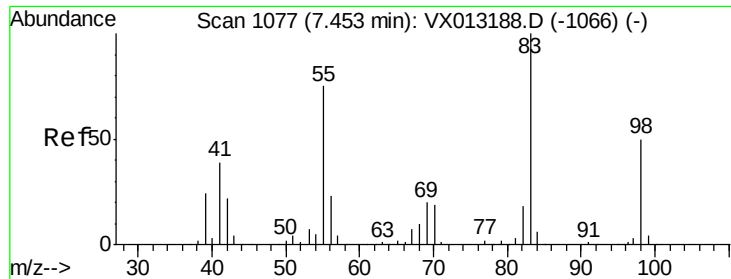
Acq: 30 Oct 2019 12:33

Tgt Ion:	117	Resp:	40504
Ion	Ratio	Lower	Upper
117	100		
119	95.2	80.1	120.1
121	33.3	25.5	38.3



Abundance Ion 116.80 (116.50 to 117.50): VX013281.D (-753) (-)





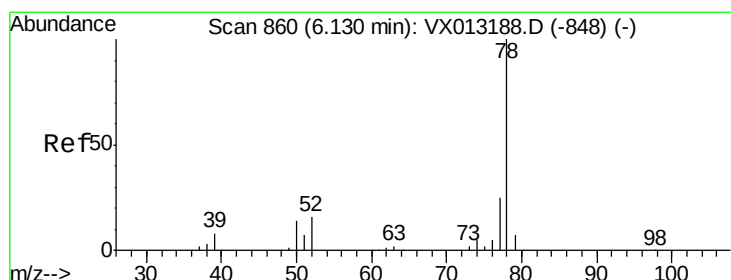
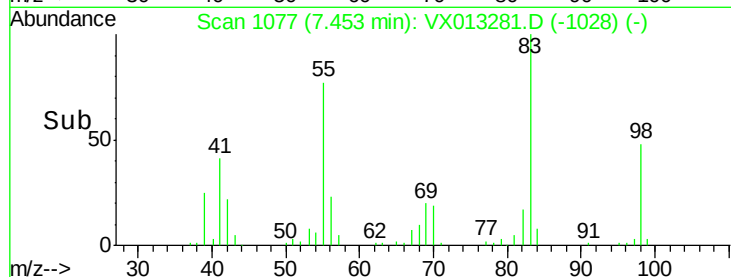
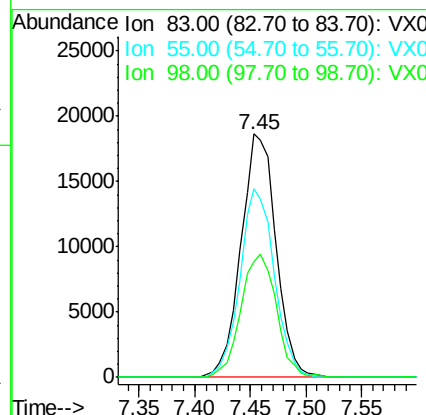
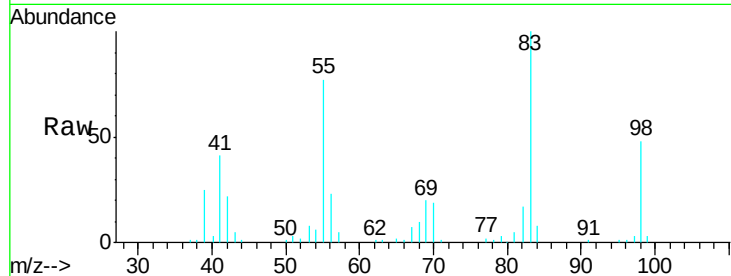
#39
Methylcyclohexane
Concen: 18.639 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.1	90.1
98	47.7	39.8	59.8

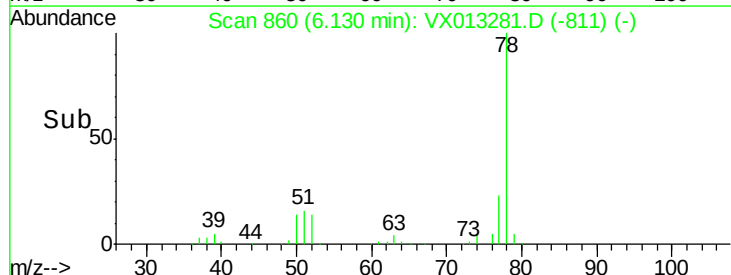
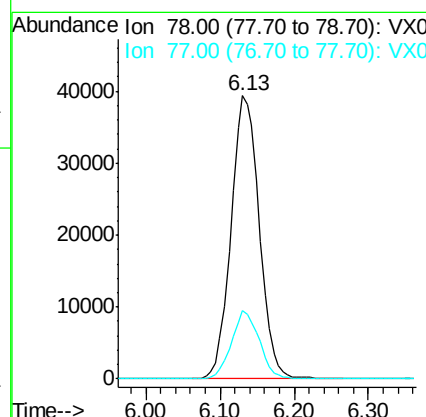
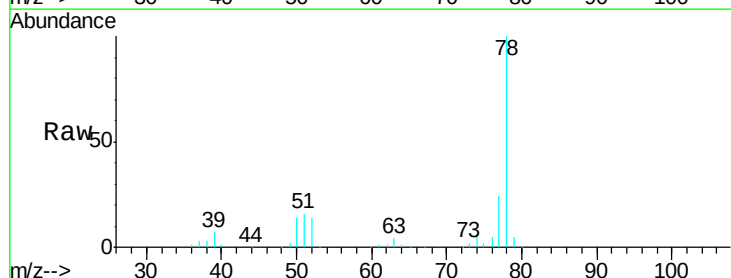
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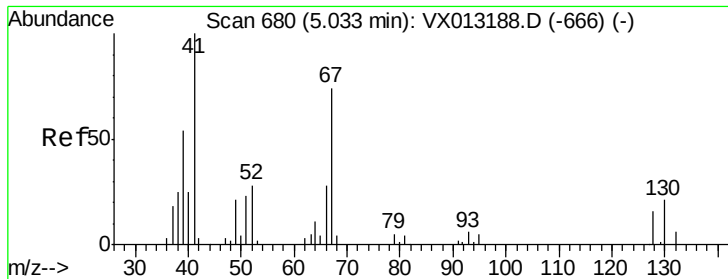
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#40
Benzene
Concen: 20.310 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.6	29.4





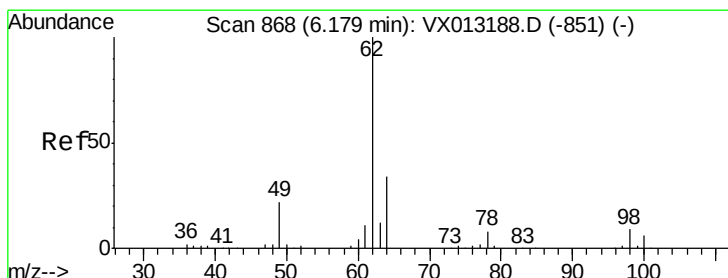
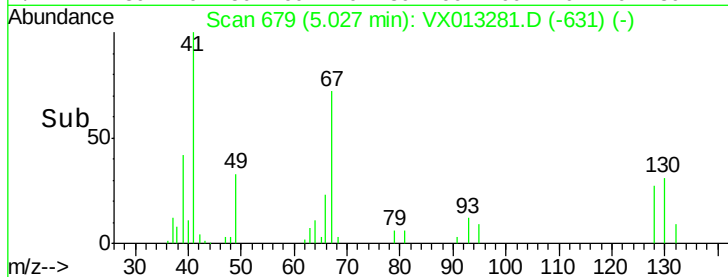
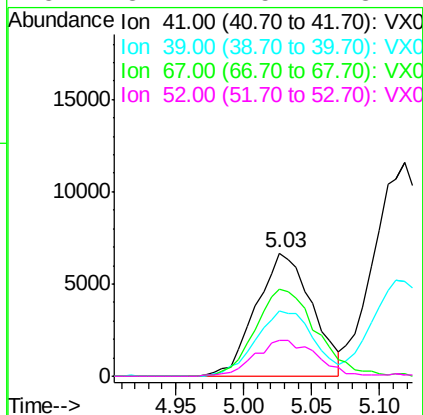
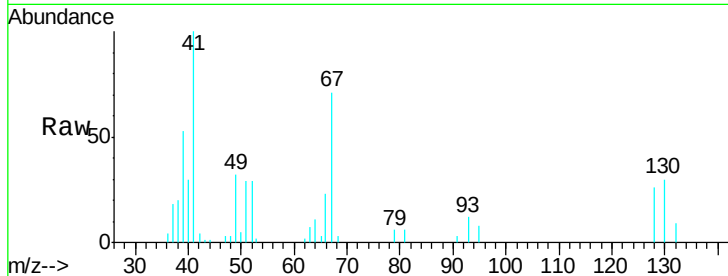
#41
Methacrylonitrile
Concen: 21.002 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	45.2	67.8	
67	77.6	61.3	91.9	
52	32.2	25.1	37.7	

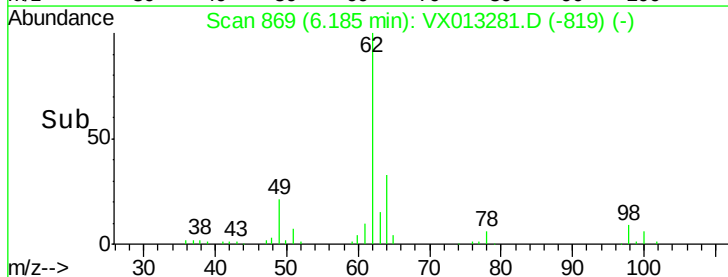
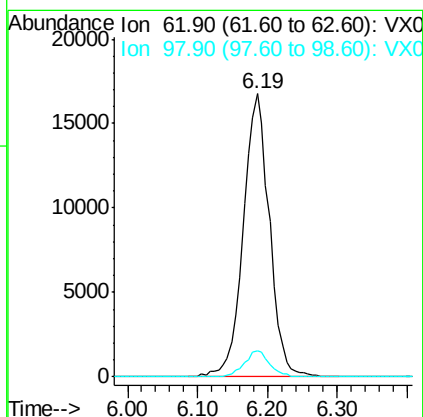
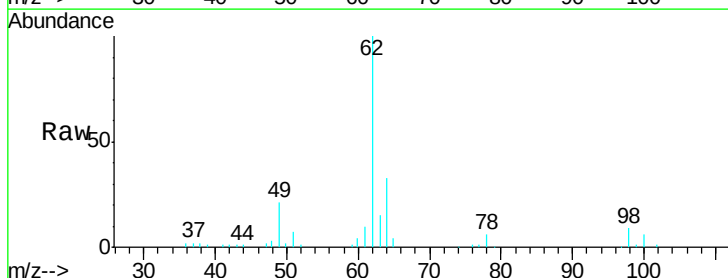
Manual Integrations
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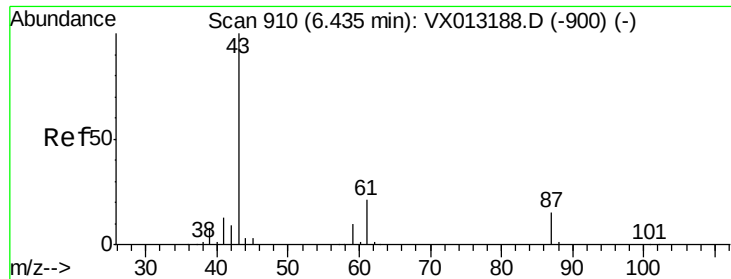
MMDadoda
10/31/2019 4:05:30 PM



#42
1,2-Dichloroethane
Concen: 22.466 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	18.4	





#43

Isopropyl Acetate

Concen: 20.698 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

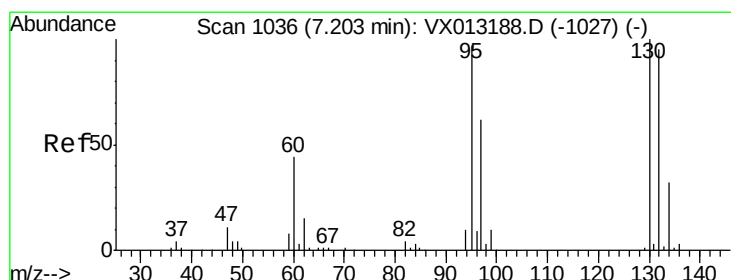
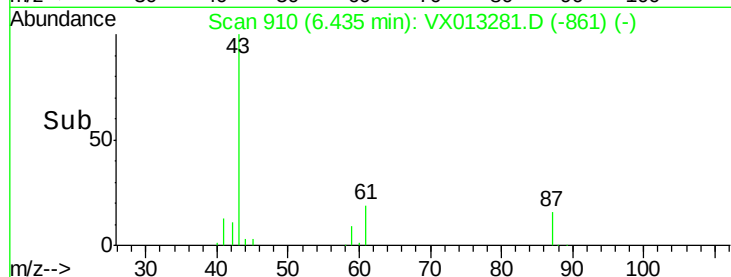
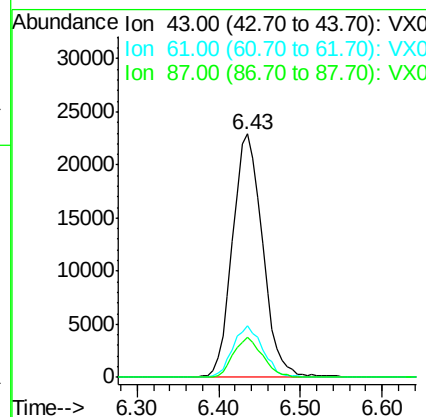
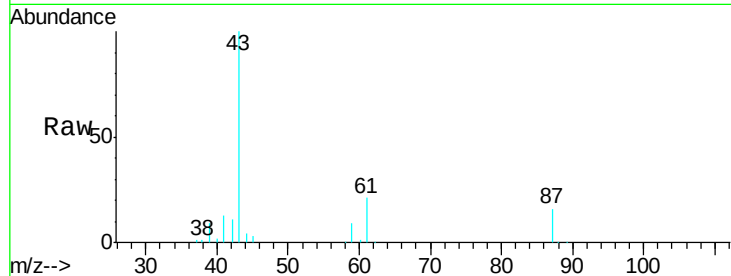
ClientSampleId :

VX1030WBSD01

Tgt Ion:	43	Resp:	58487
Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.0	25.4
87	15.8	12.1	18.1

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#44

Trichloroethene

Concen: 20.802 ug/l

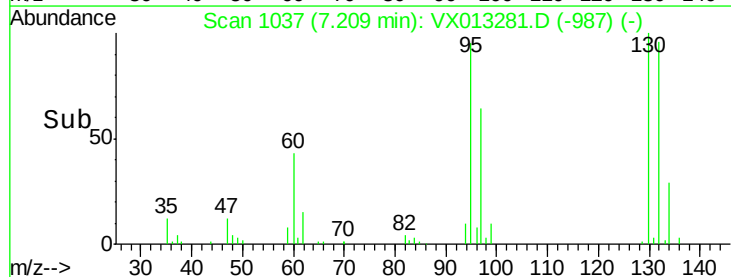
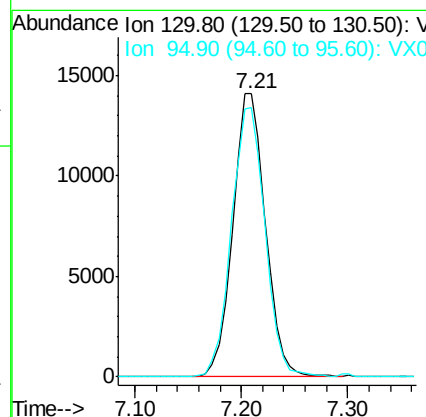
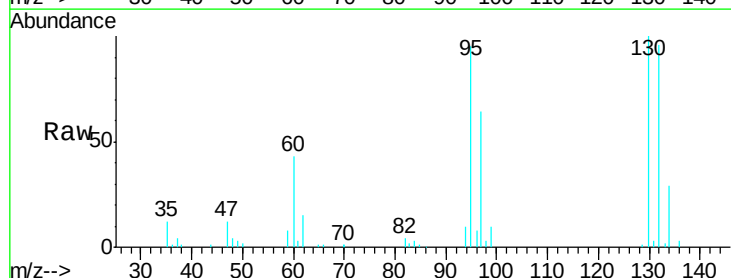
RT: 7.21 min Scan# 1037

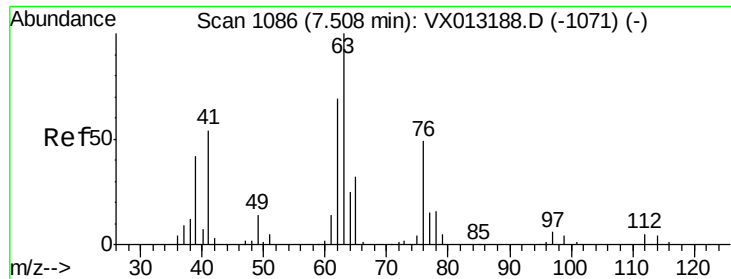
Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Tgt Ion:	130	Resp:	30286
Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	193.6





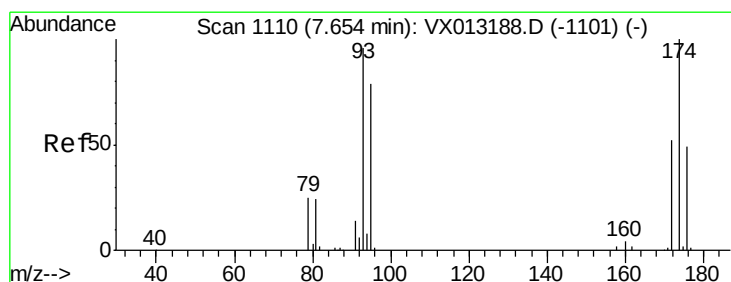
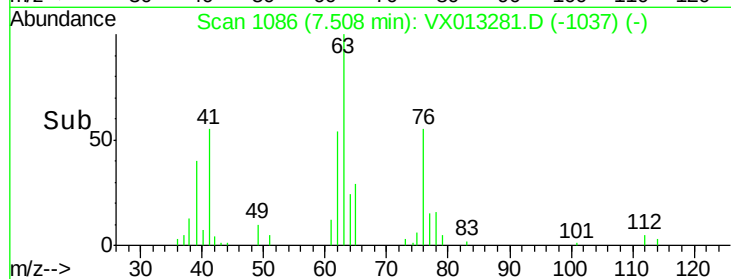
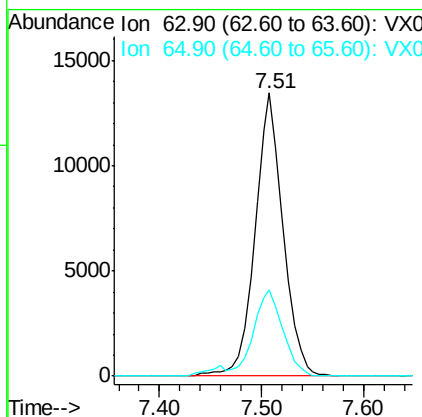
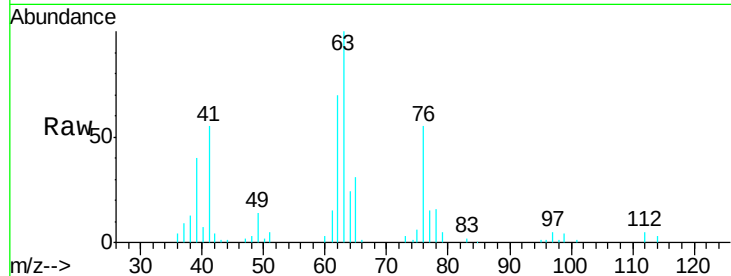
#45
 1,2-Dichloropropane
 Concen: 19.994 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Tgt Ion: 63 Resp: 25689
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.3 37.9

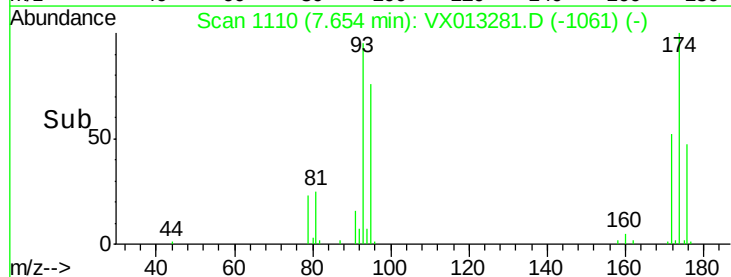
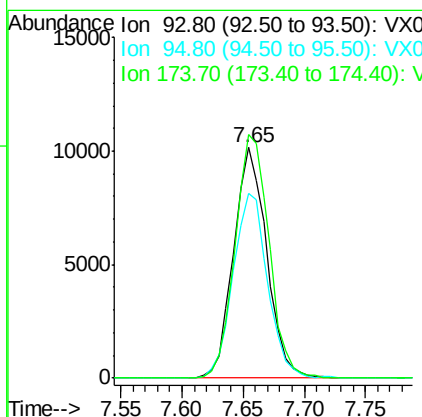
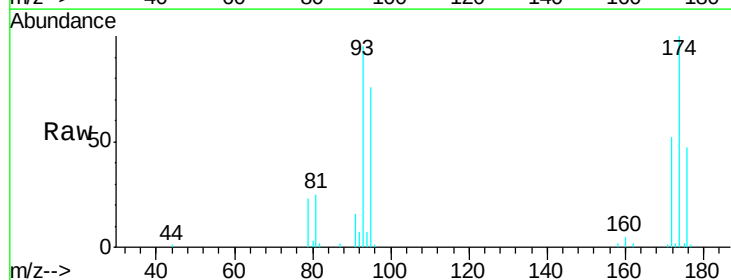
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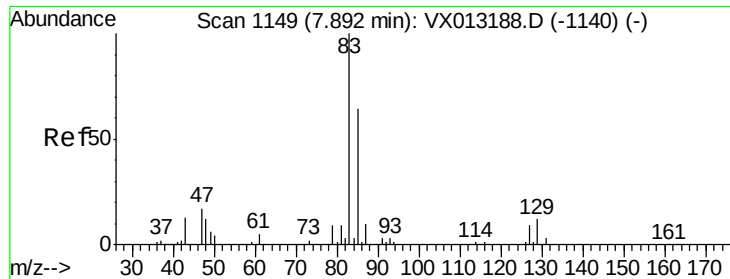
MMDadoda
 10/31/2019 4:05:30 PM



#46
 Dibromomethane
 Concen: 20.556 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion: 93 Resp: 19029
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.4
 174 108.4 85.2 127.8





#47

Bromodichloromethane

Concen: 21.739 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

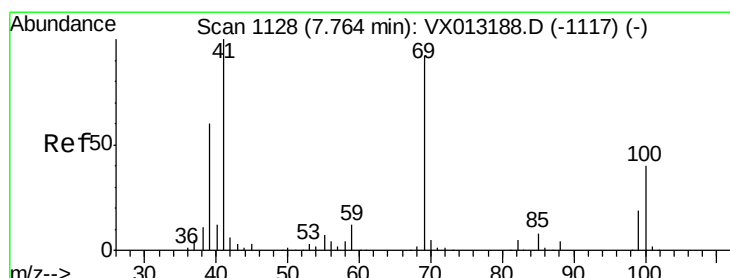
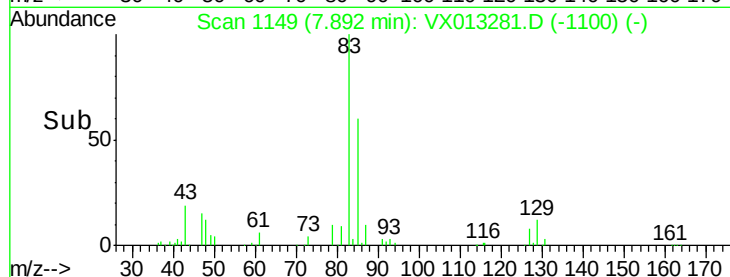
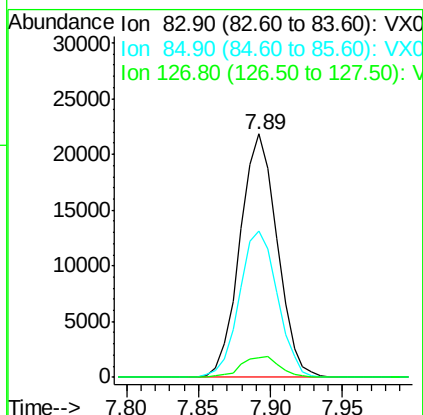
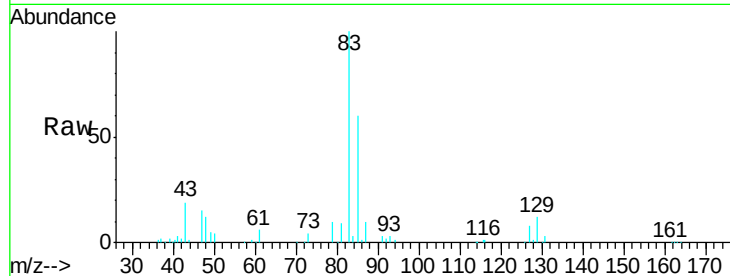
ClientSampleId :

VX1030WBSD01

Tgt Ion:	83	Resp:	39217
Ion	Ratio	Lower	Upper
83	100		
85	60.1	51.0	76.6
127	8.3	7.2	10.8

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#48

Methyl methacrylate

Concen: 20.776 ug/l

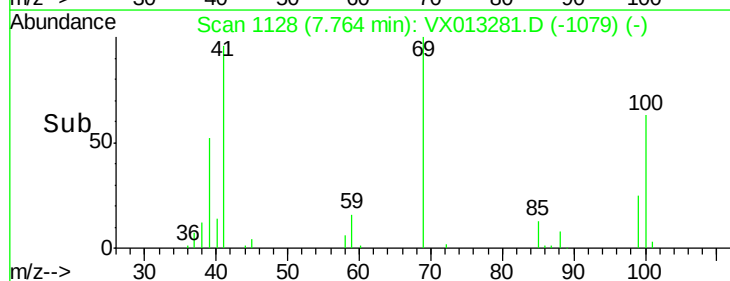
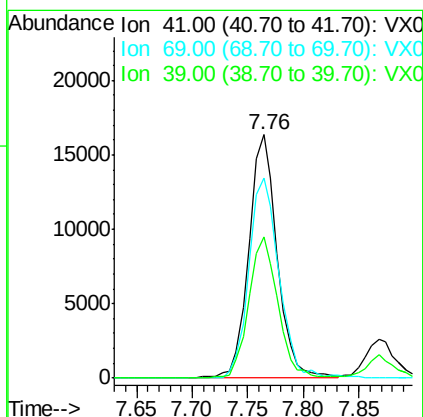
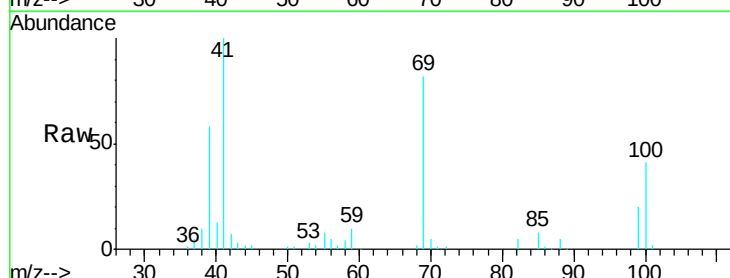
RT: 7.76 min Scan# 1128

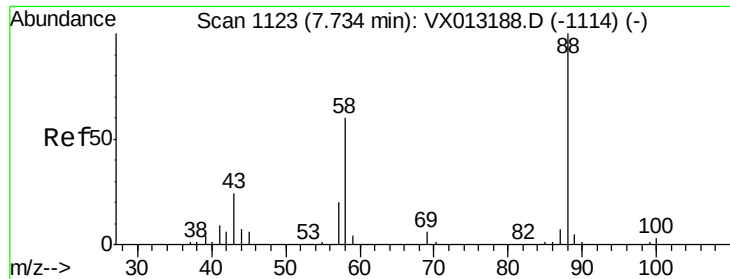
Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Tgt Ion:	41	Resp:	29016
Ion	Ratio	Lower	Upper
41	100		
69	87.6	72.0	108.0
39	59.3	47.4	71.0





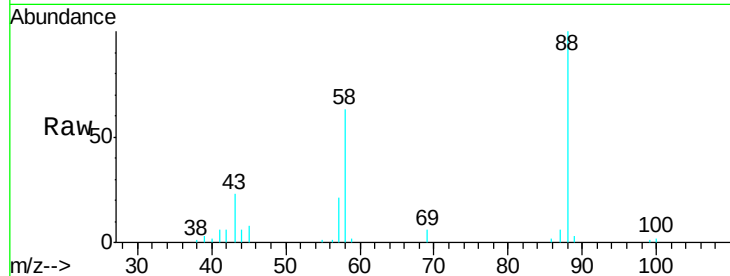
#49
1,4-Dioxane
Concen: 409.695 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

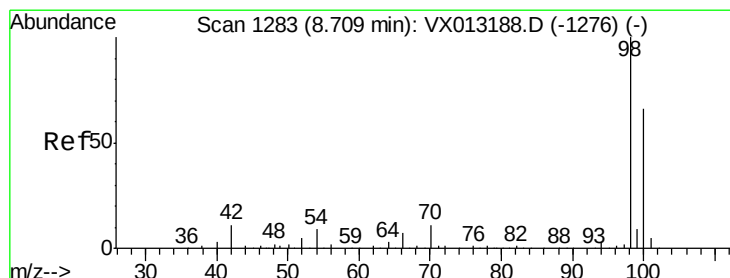
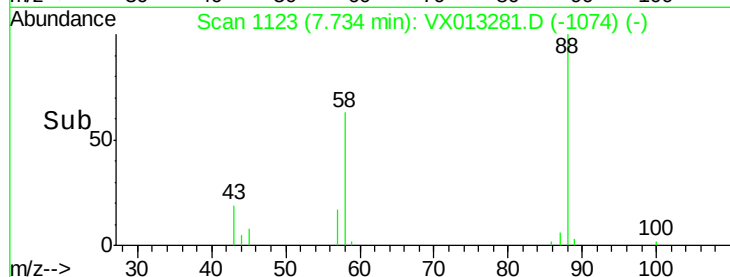
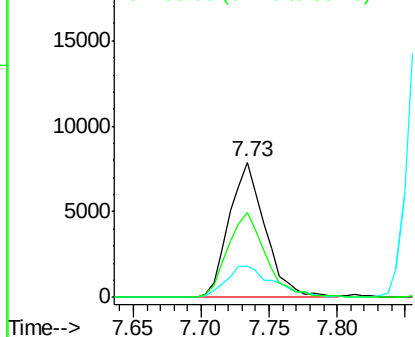
Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.2	24.5	36.7
58	66.3	54.1	81.1

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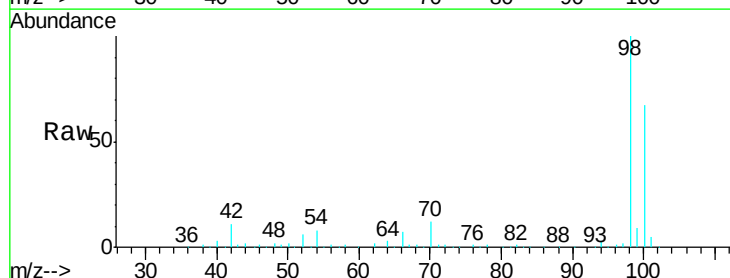


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

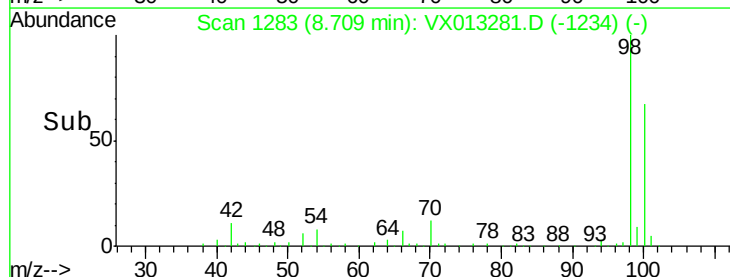
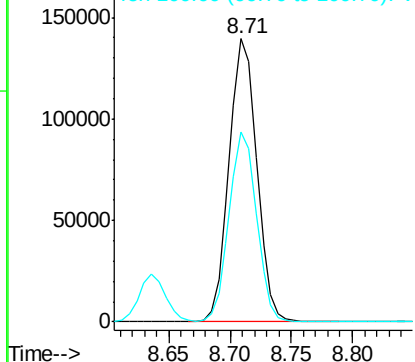


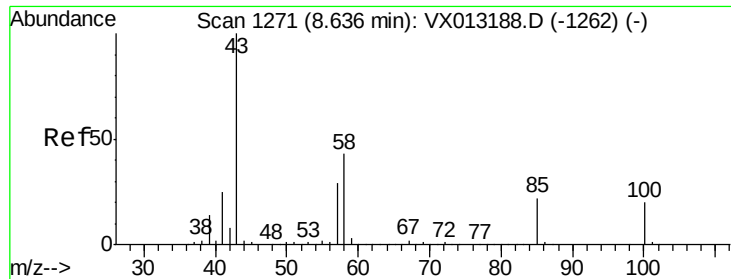
#50
Toluene-d8
Concen: 51.912 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





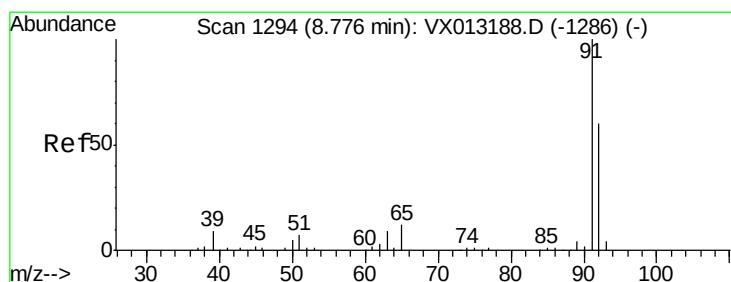
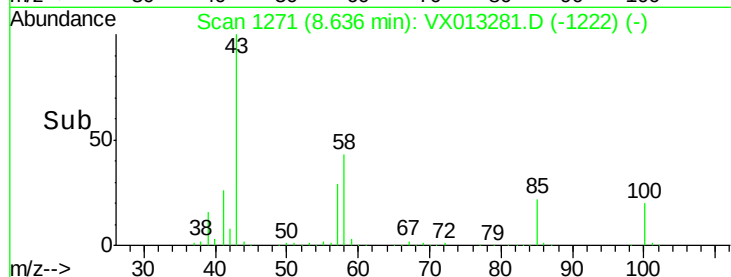
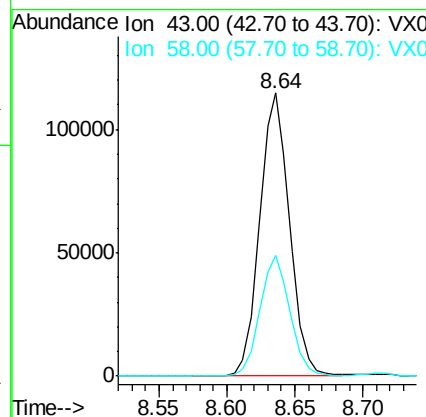
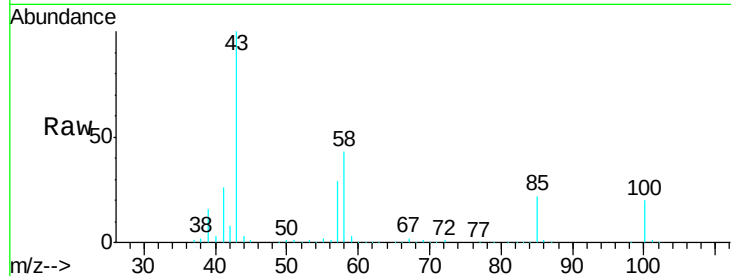
#51
4-Methyl-2-Pentanone
Concen: 102.324 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion: 43 Resp: 176241
Ion Ratio Lower Upper
43 100
58 42.7 33.9 50.9

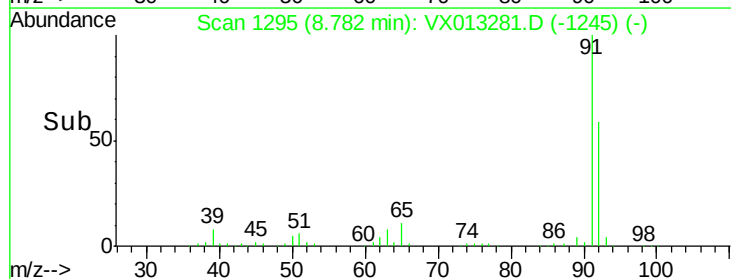
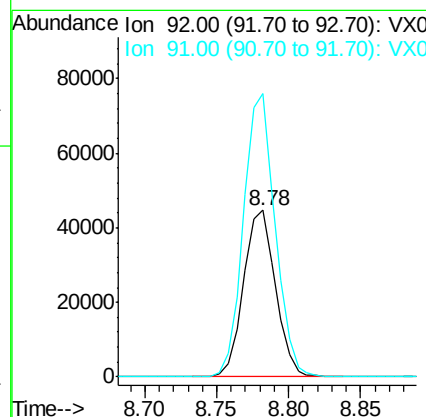
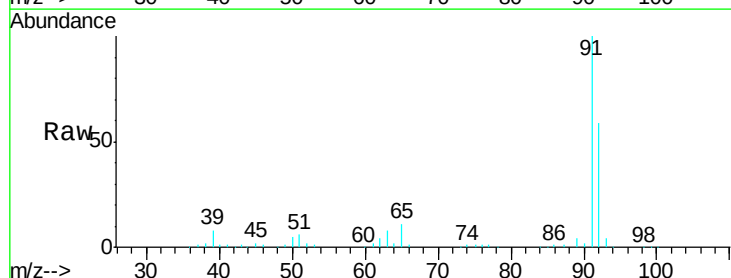
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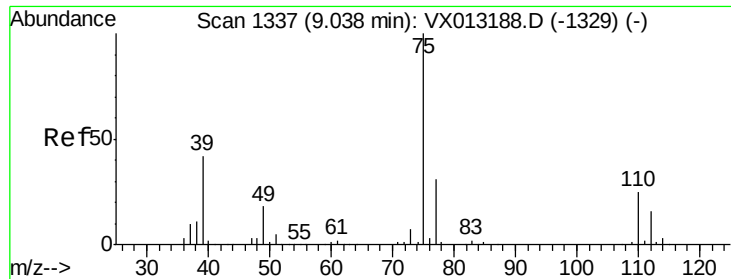
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#52
Toluene
Concen: 20.264 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 92 Resp: 68892
Ion Ratio Lower Upper
92 100
91 168.3 133.9 200.9





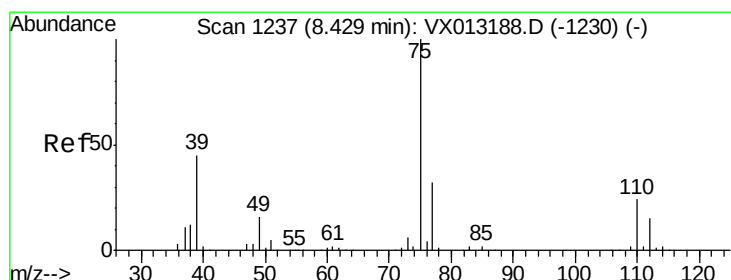
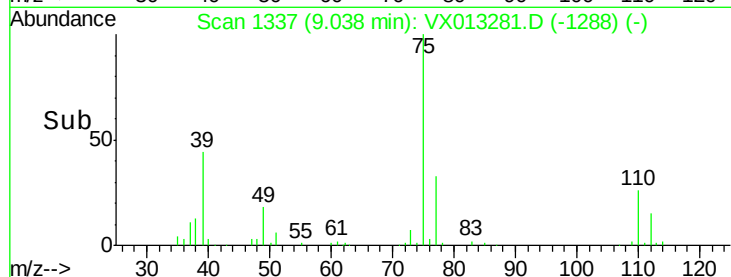
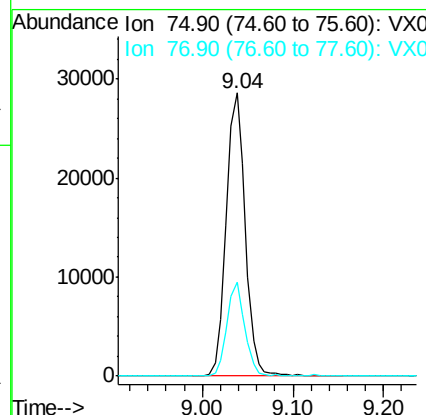
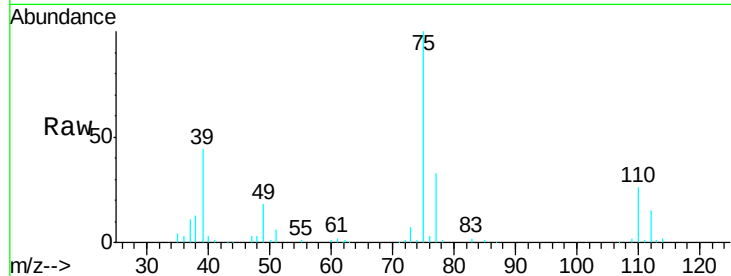
#53
t-1,3-Dichloropropene
Concen: 21.890 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion: 75 Resp: 41964
Ion Ratio Lower Upper
75 100
77 33.1 24.7 37.1

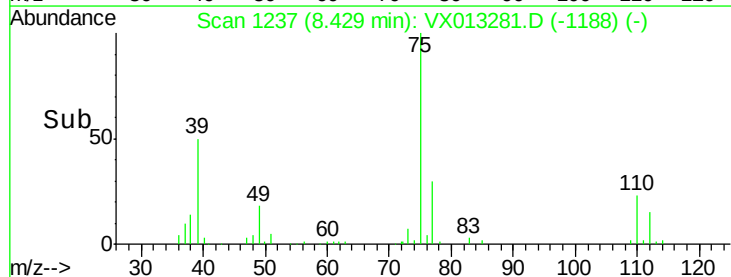
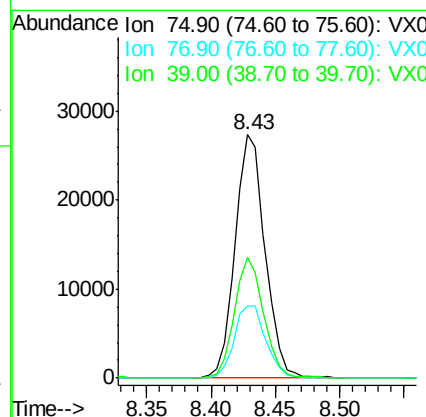
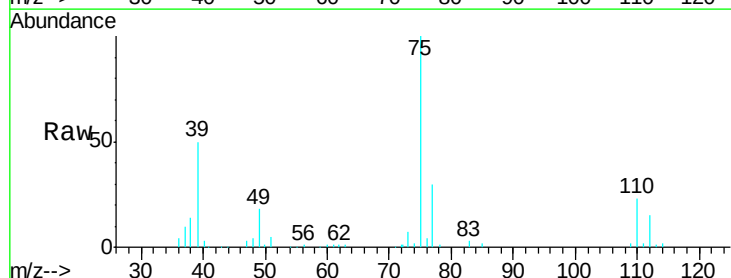
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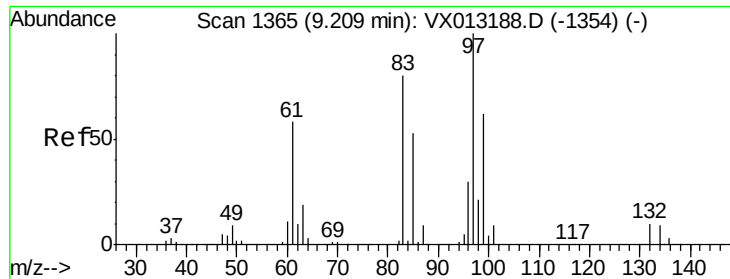
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#54
cis-1,3-Dichloropropene
Concen: 21.149 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 75 Resp: 44353
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.0
39 49.8 36.2 54.4





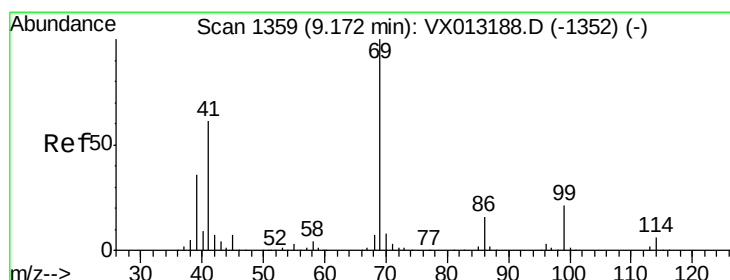
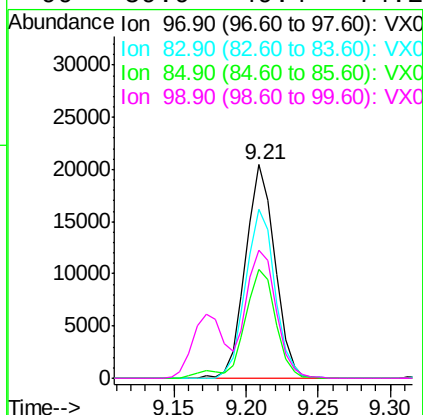
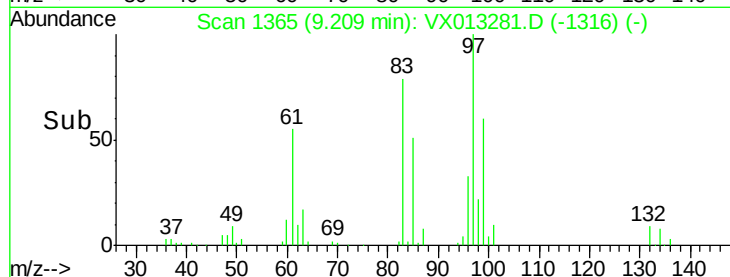
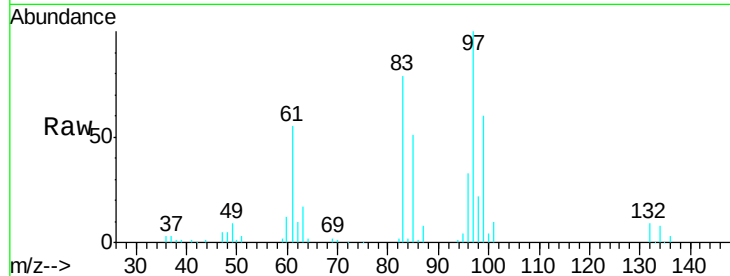
#55
 1,1,2-Trichloroethane
 Concen: 21.501 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		28899		
83	79.0	64.1	96.1		
85	50.7	42.1	63.1		
99	59.9	49.4	74.2		

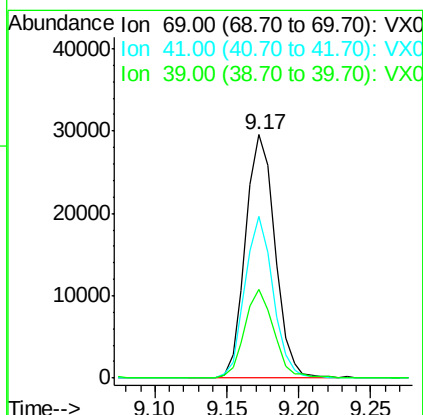
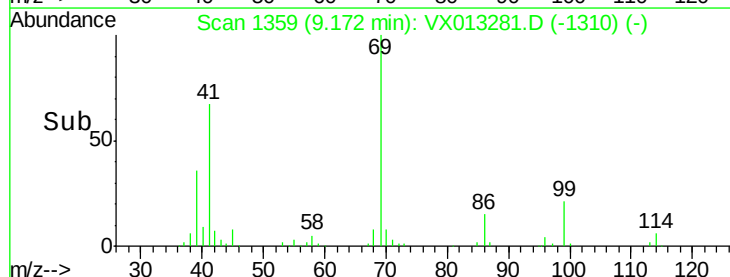
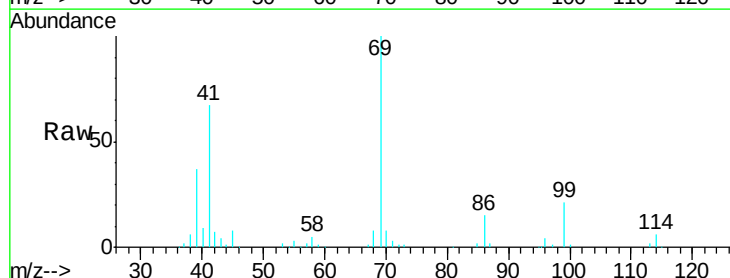
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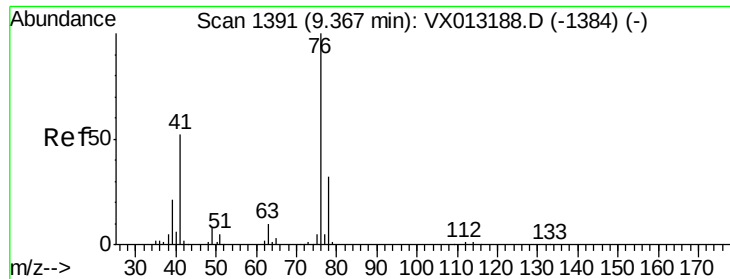
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 10/31/2019 4:05:30 PM



#56
 Ethyl methacrylate
 Concen: 20.739 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		41954		
41	63.9	49.5	74.3		
39	36.5	28.3	42.5		





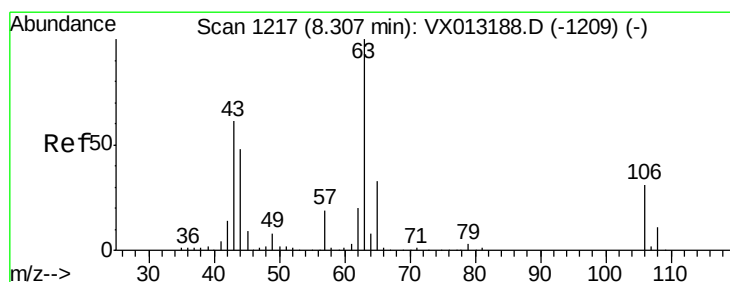
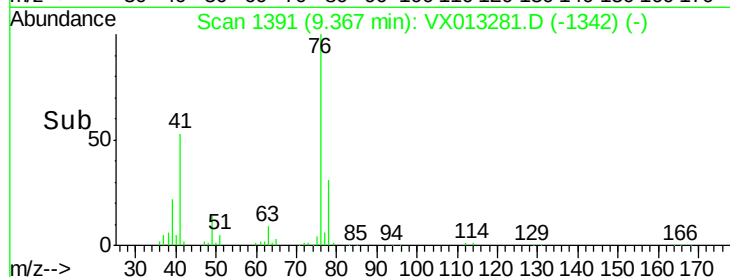
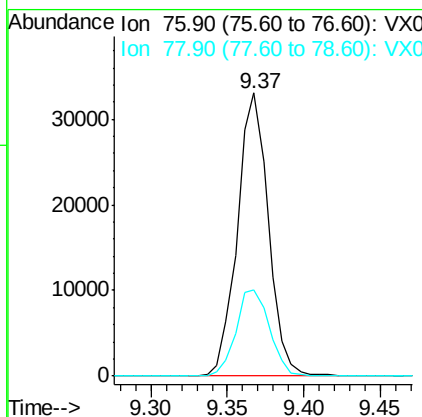
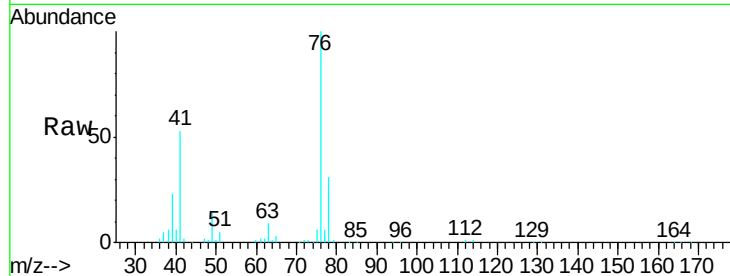
#57
 1,3-Dichloropropane
 Concen: 20.432 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Tgt Ion: 76 Resp: 46339
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.1 39.1

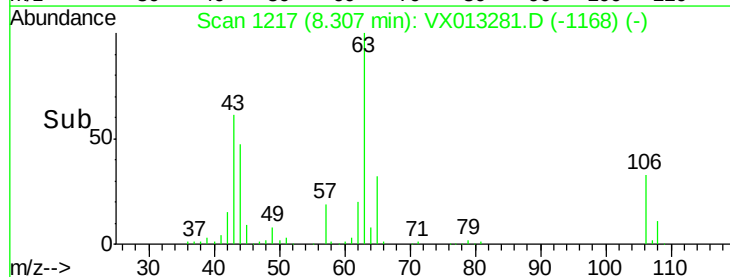
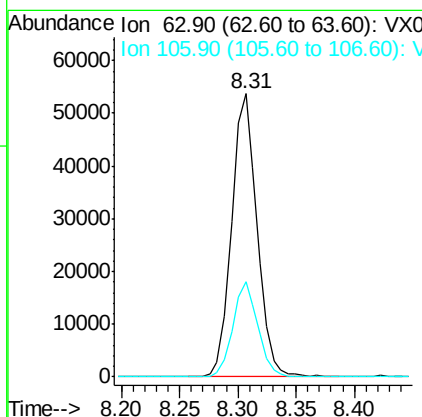
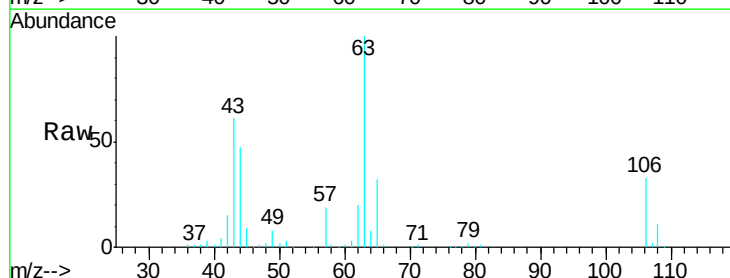
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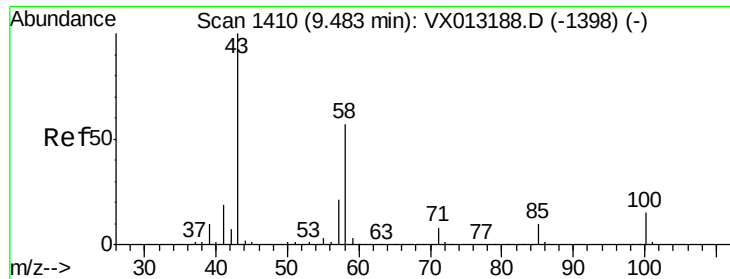
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 10/31/2019 4:05:30 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.461 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion: 63 Resp: 81668
 Ion Ratio Lower Upper
 63 100
 106 32.9 25.4 38.0





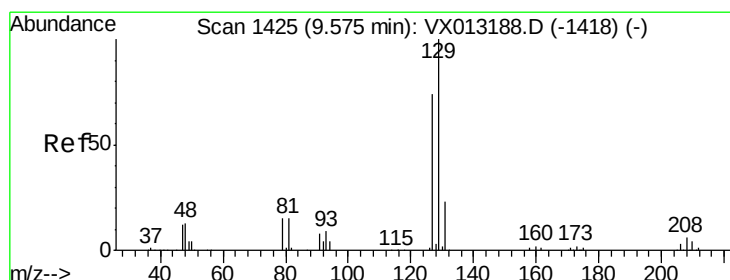
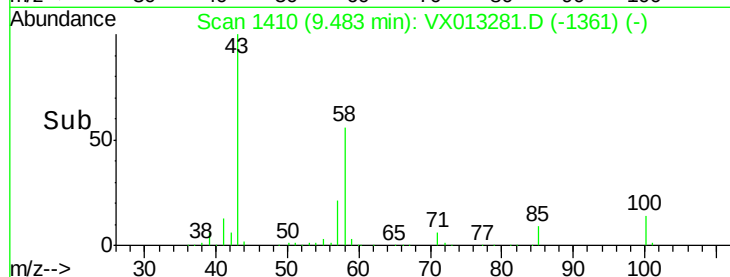
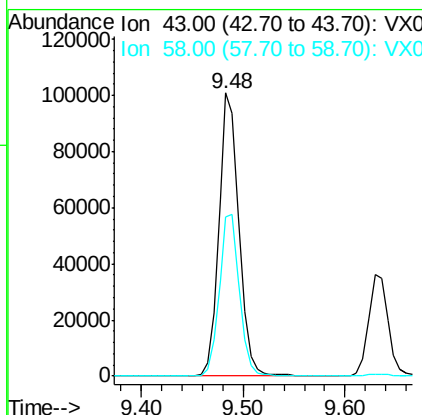
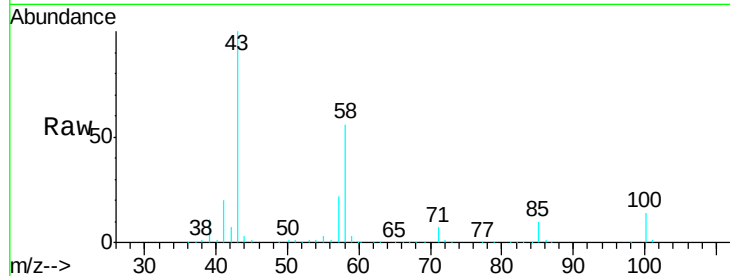
#59
2-Hexanone
Concen: 104.821 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion: 43 Resp: 139070
Ion Ratio Lower Upper
43 100
58 57.8 28.2 84.7

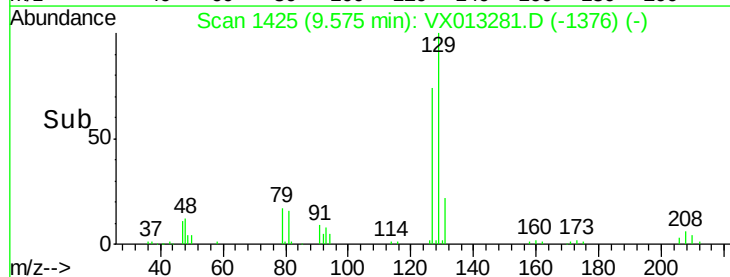
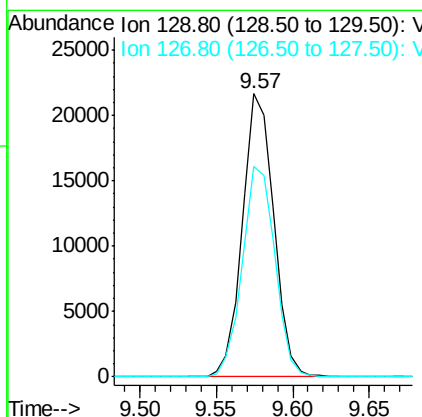
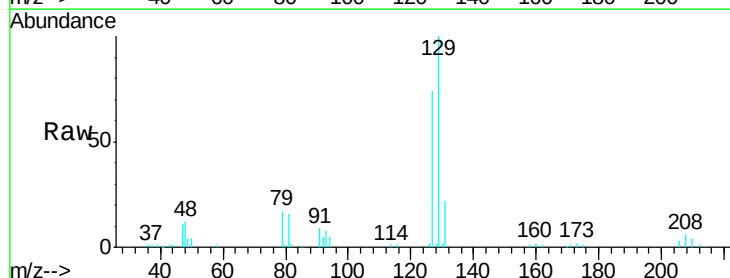
Manual Integrations
APPROVED

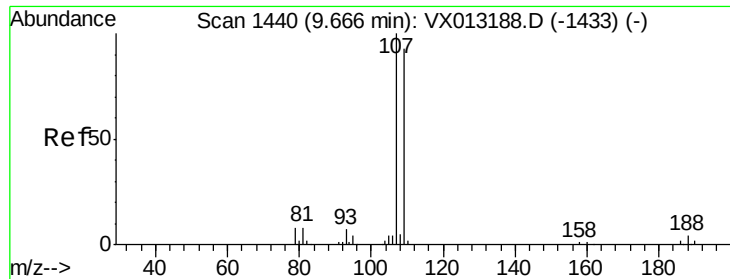
MMDadoda
10/31/2019 4:05:30 PM



#60
Dibromochloromethane
Concen: 21.886 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 129 Resp: 30824
Ion Ratio Lower Upper
129 100
127 77.4 38.2 114.6





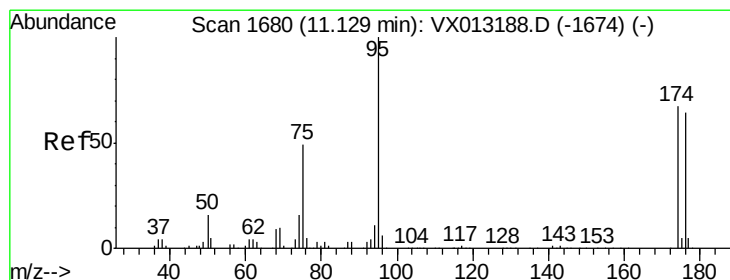
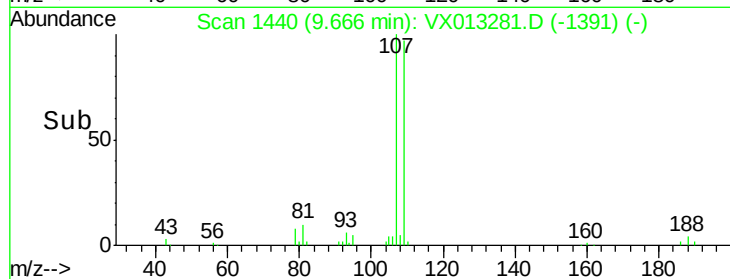
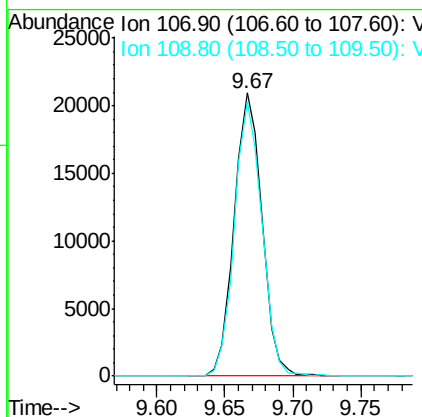
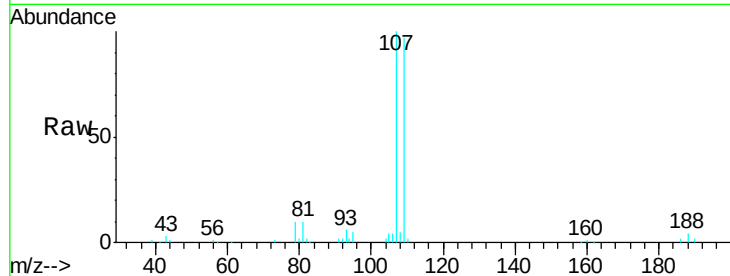
#61
 1,2-Dibromoethane
 Concen: 20.834 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Tgt Ion: 107 Resp: 29728
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.7 113.5

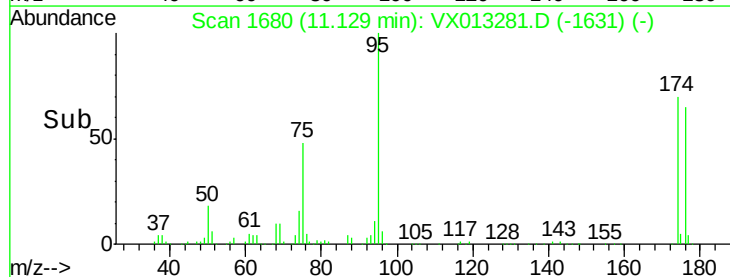
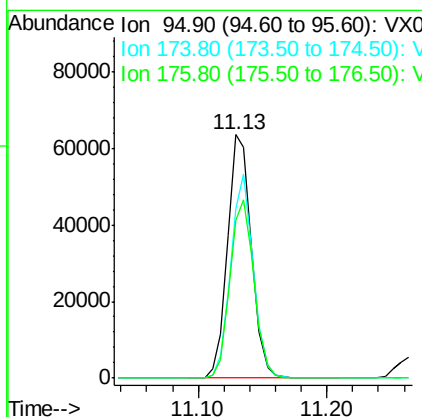
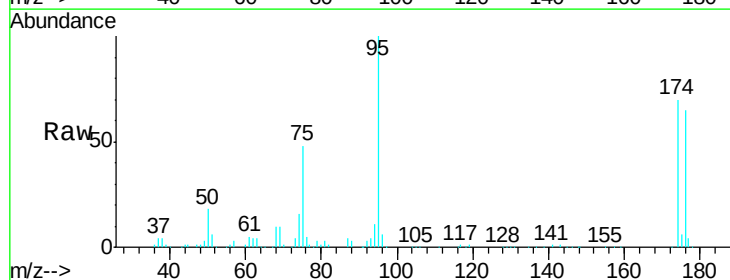
Manual Integrations
 APPROVED

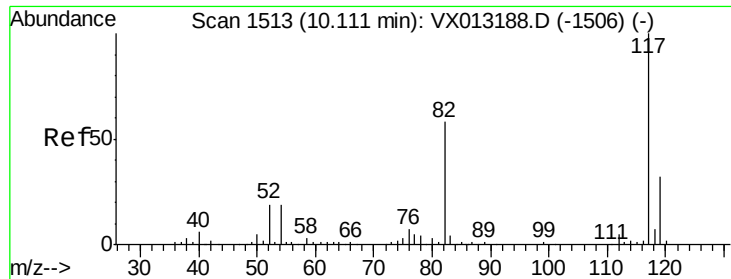
MMDadoda
 10/31/2019 4:05:30 PM



#62
 4-Bromofluorobenzene
 Concen: 49.711 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion: 95 Resp: 83045
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 152.4
 176 73.0 0.0 146.0





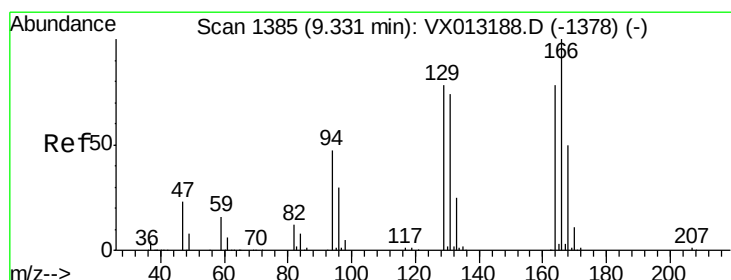
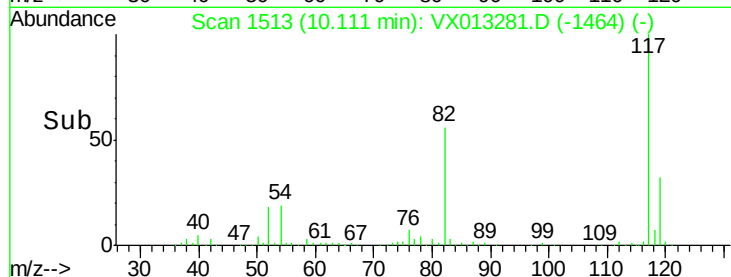
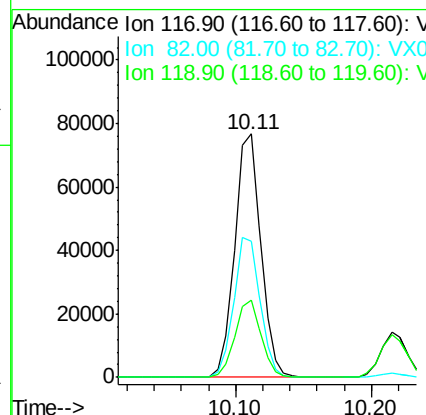
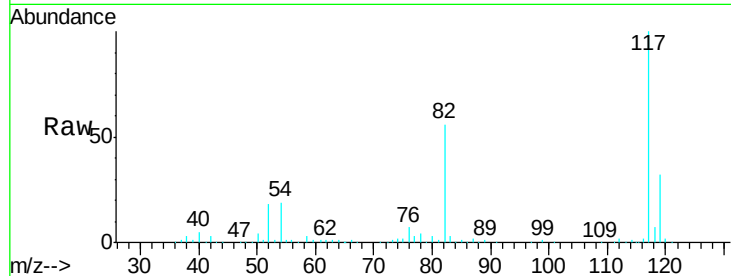
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.9	46.5	69.7
119	31.6	25.2	37.8

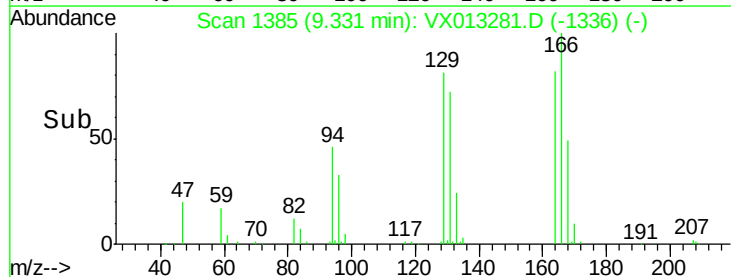
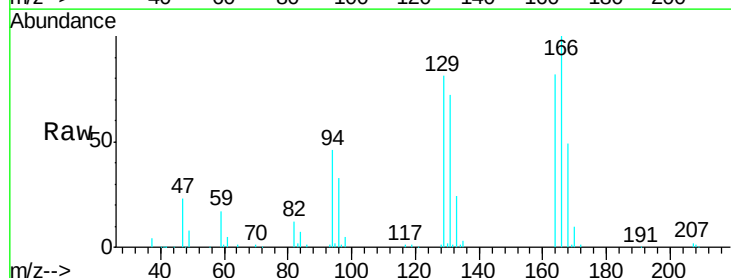
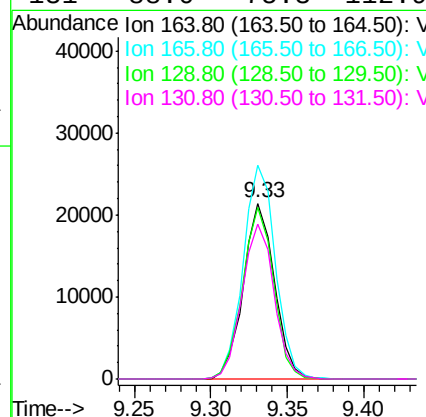
Manual Integrations
APPROVED

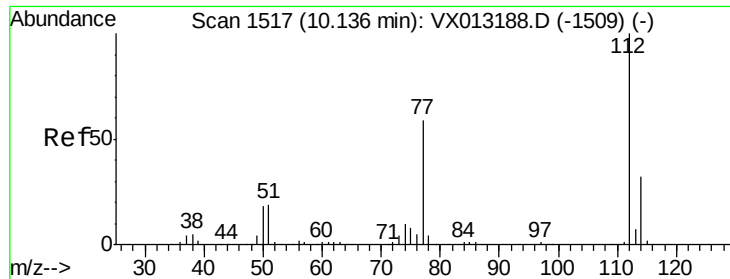
MMDadoda
10/31/2019 4:05:30 PM



#64
Tetrachloroethene
Concen: 22.939 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	121.6	102.2	153.4
129	98.0	79.8	119.8
131	88.0	75.3	112.9





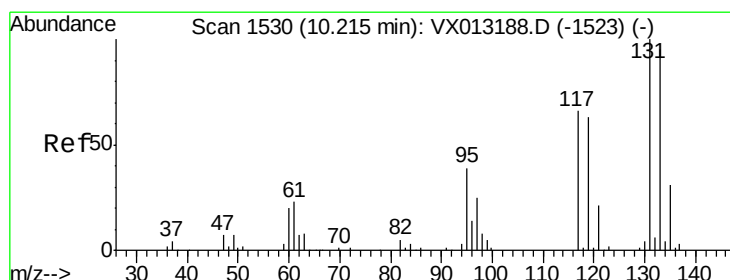
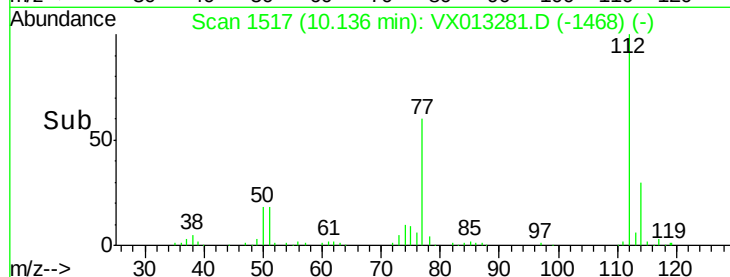
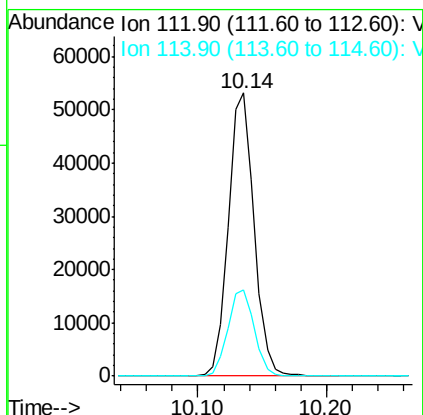
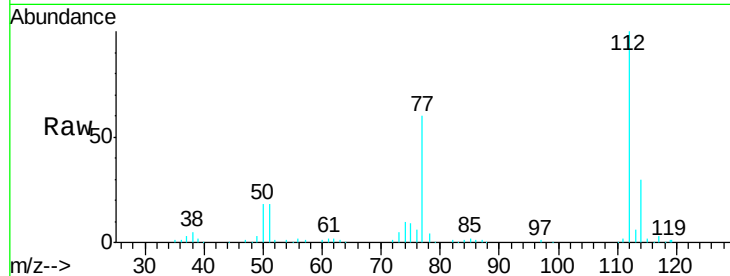
#65
Chlorobenzene
Concen: 20.709 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion:112 Resp: 74321
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.8

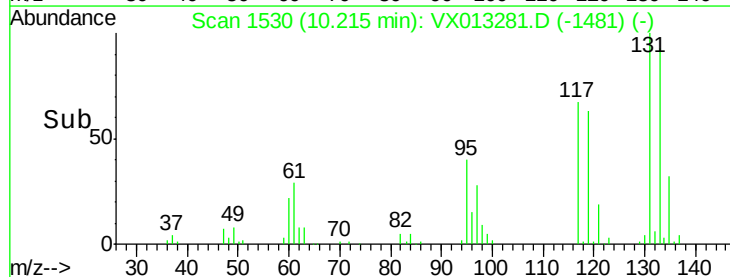
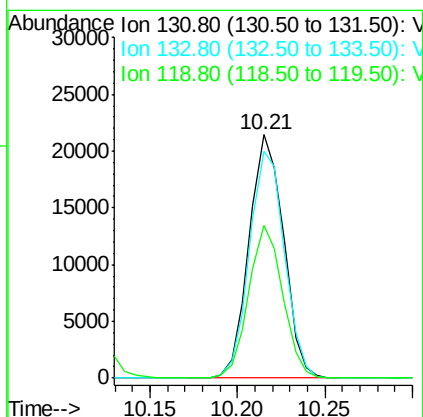
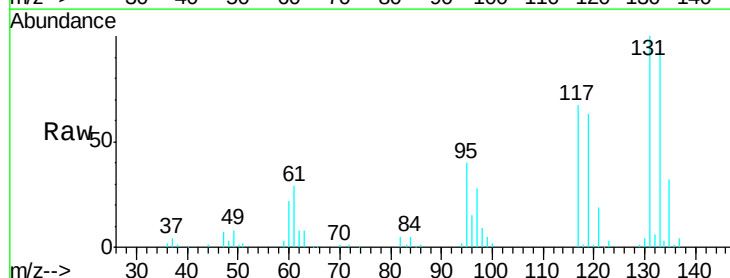
Manual Integrations
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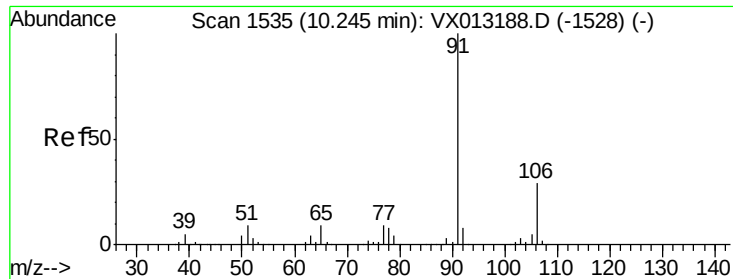
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.221 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion:131 Resp: 29460
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.2
119 61.8 32.4 97.0





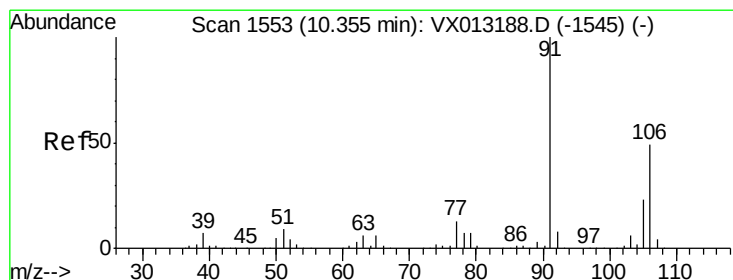
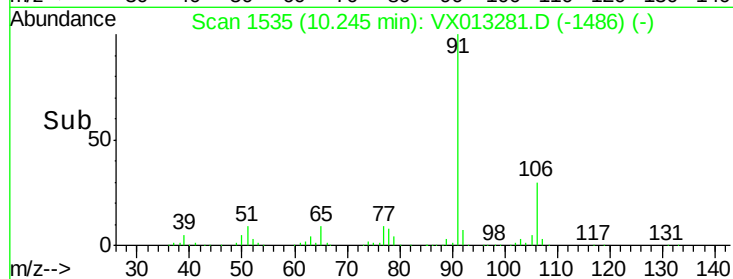
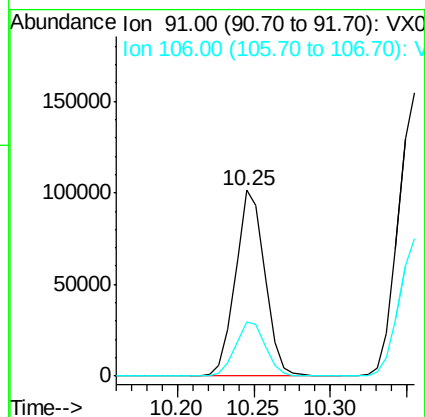
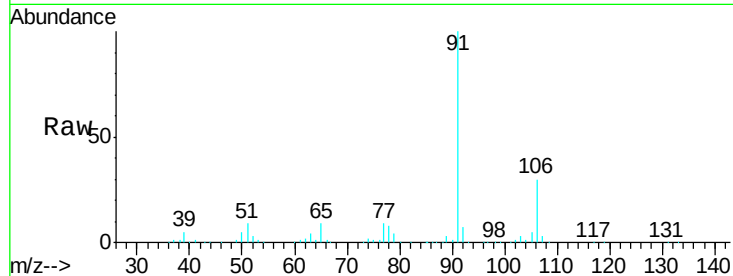
#67
Ethyl Benzene
Concen: 20.940 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion: 91 Resp: 134536
Ion Ratio Lower Upper
91 100
106 29.5 23.5 35.3

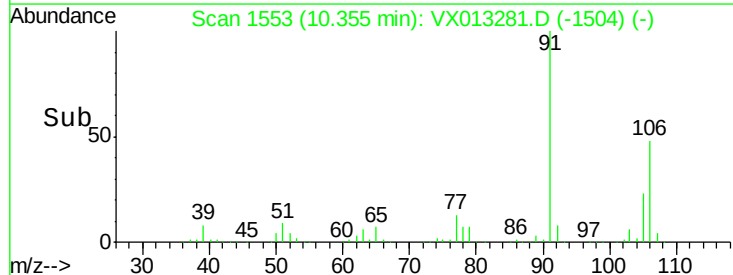
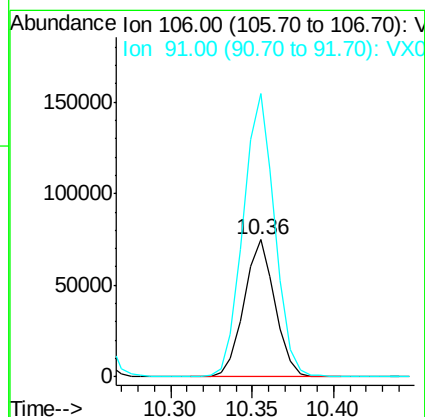
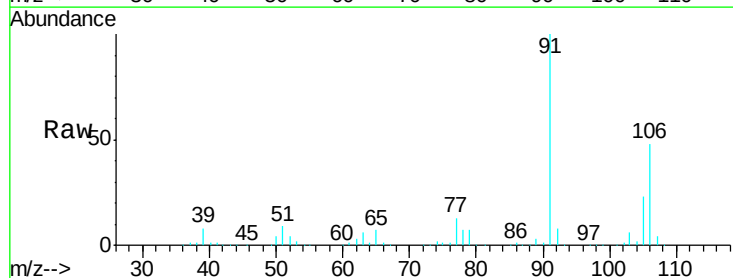
Manual Integrations
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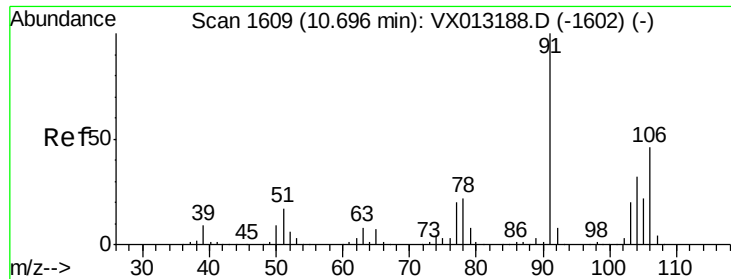
MMDadoda
10/31/2019 4:05:30 PM



#68
m/p-Xylenes
Concen: 40.863 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 106 Resp: 99216
Ion Ratio Lower Upper
106 100
91 210.2 166.8 250.2





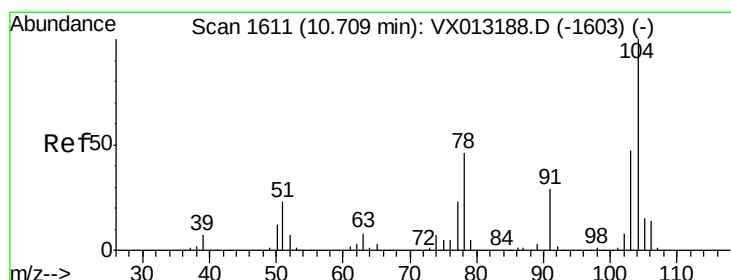
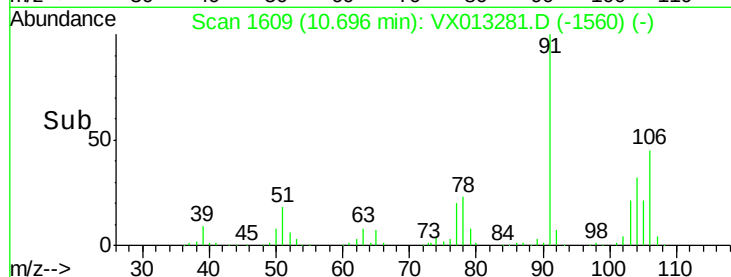
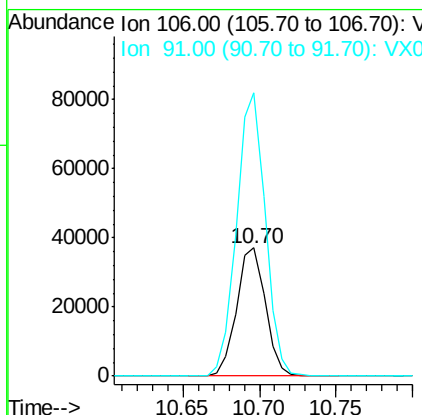
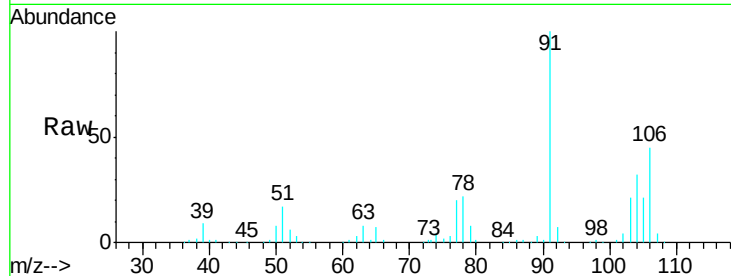
#69
o-Xylene
Concen: 20.876 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion:106 Resp: 48623
Ion Ratio Lower Upper
106 100
91 219.1 110.7 331.9

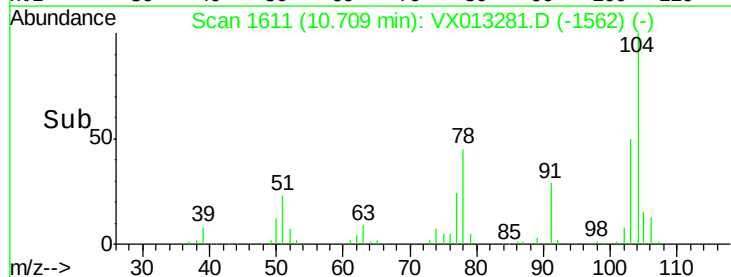
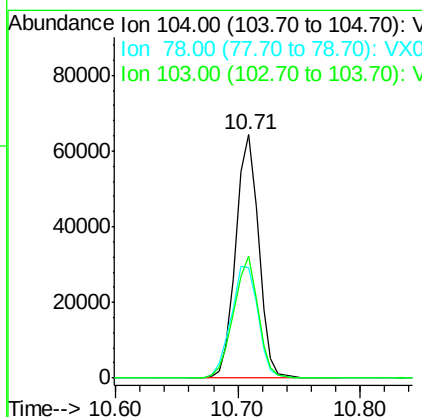
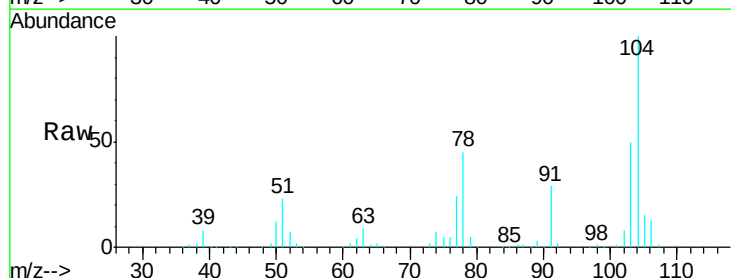
Manual Integrations
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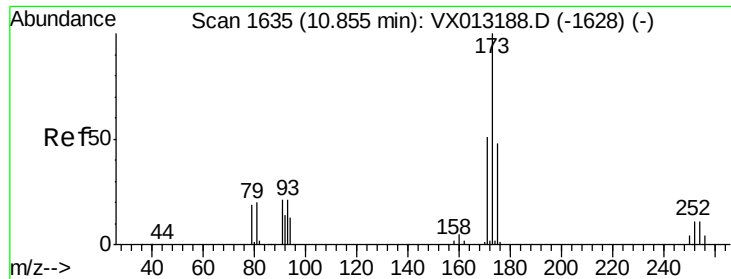
MMDadoda
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#70
Styrene
Concen: 20.728 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion:104 Resp: 83132
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.4
103 54.0 42.8 64.2





#71

Bromoform

Concen: 22.281 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

Tgt Ion:173 Resp: 21584

Ion Ratio Lower Upper

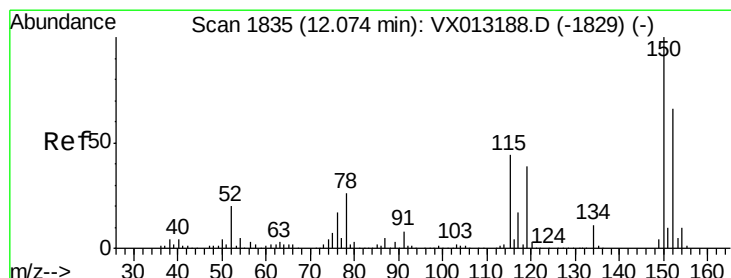
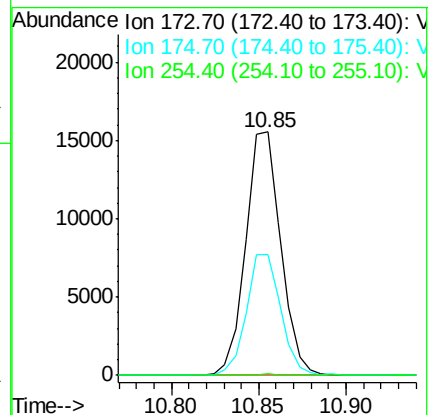
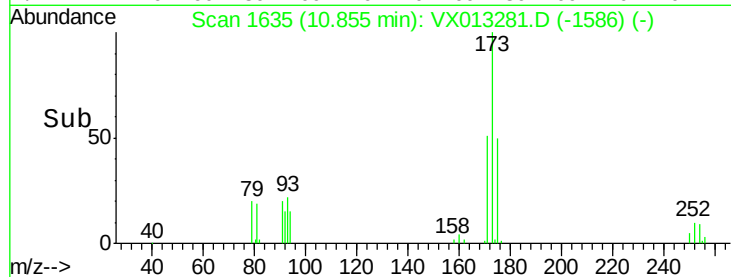
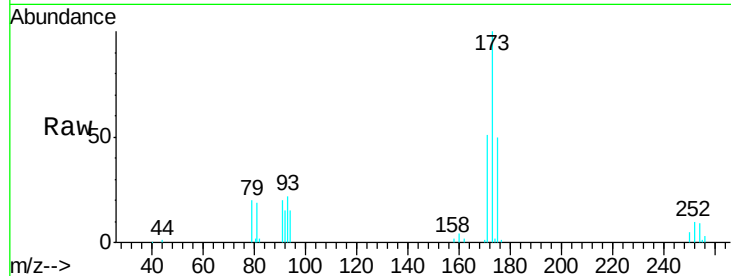
173 100

175 48.8 24.3 72.8

254 0.1 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

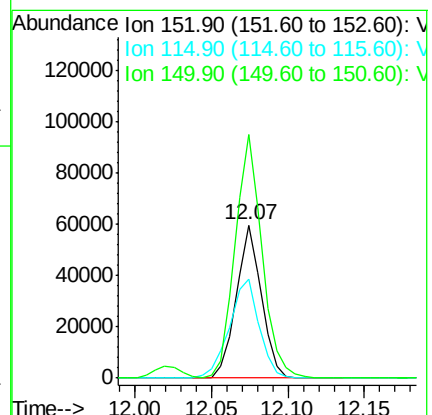
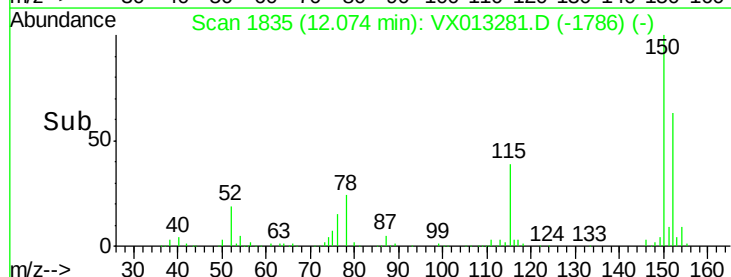
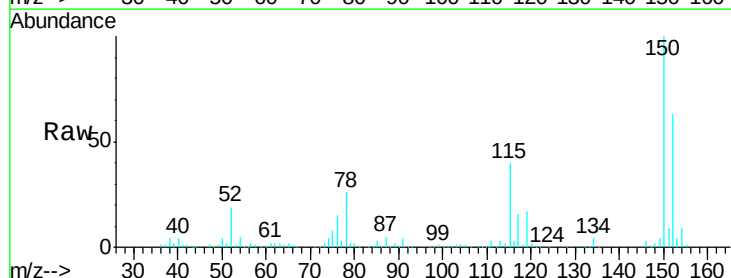
Tgt Ion:152 Resp: 67872

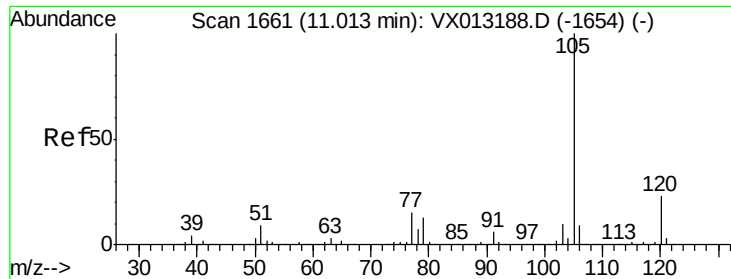
Ion Ratio Lower Upper

152 100

115 76.7 46.6 139.8

150 170.6 0.0 354.0





#73

Isopropylbenzene

Concen: 21.212 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

Tgt Ion: 105 Resp: 130738

Ion Ratio Lower Upper

105 100

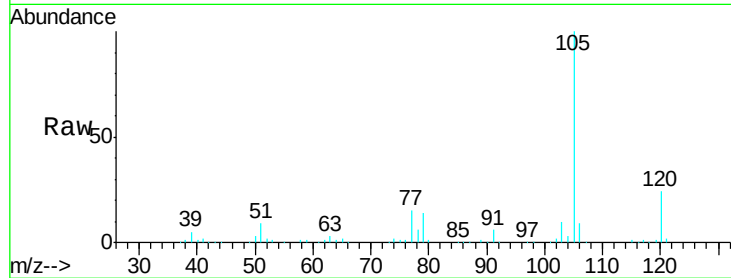
120 25.8 12.6 37.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

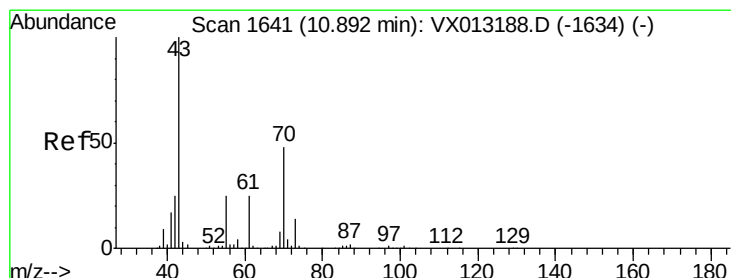
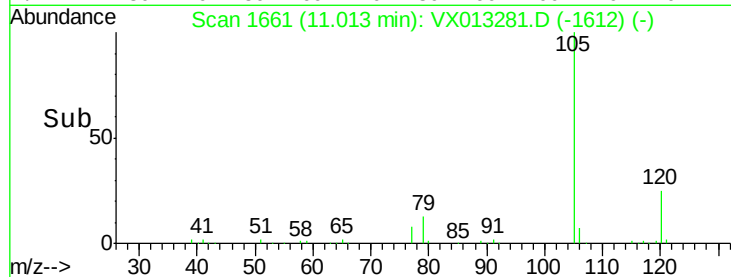
20000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.647 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Tgt Ion: 43 Resp: 46706

Ion Ratio Lower Upper

43 100

70 47.4 38.5 57.7

55 26.5 20.7 31.1

61 26.3 20.8 31.2

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

60000

50000

40000

30000

20000

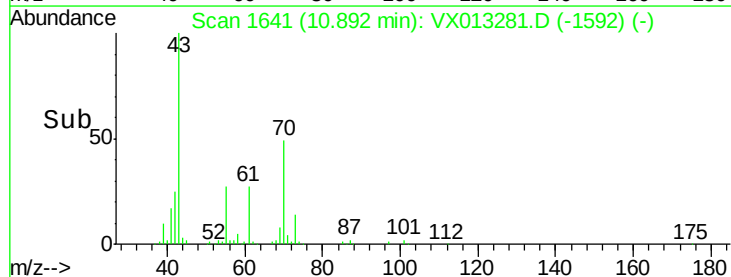
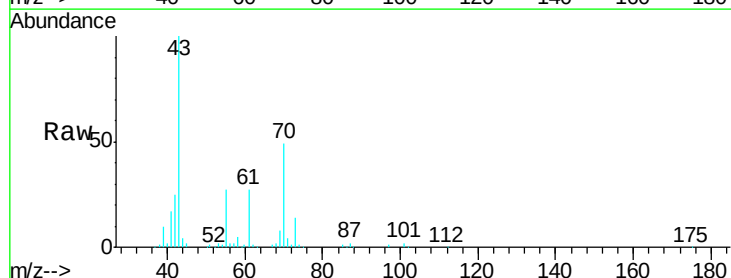
10000

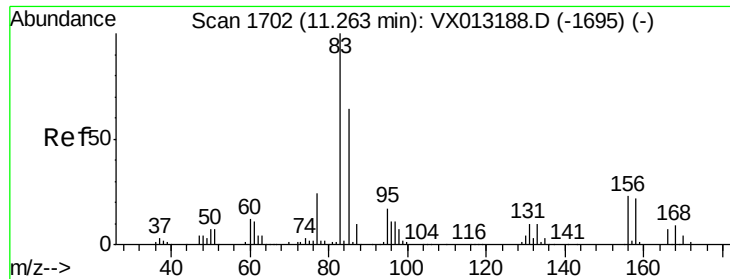
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.917 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

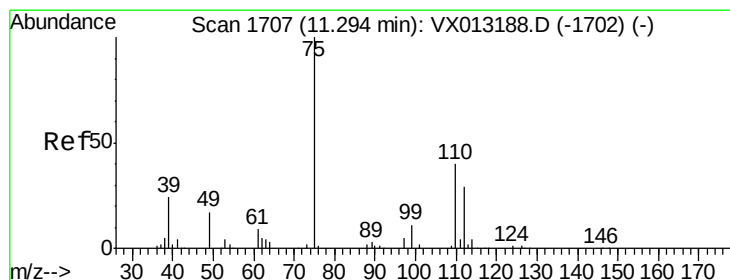
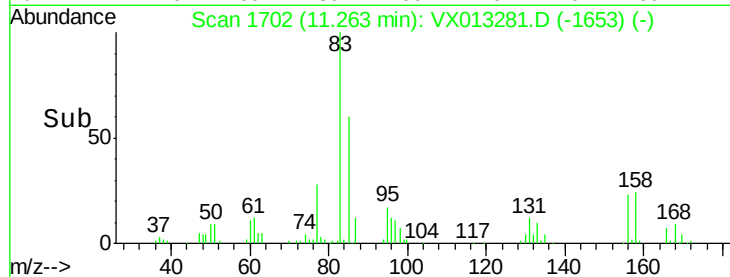
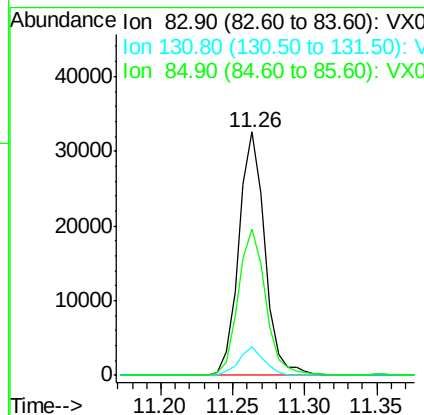
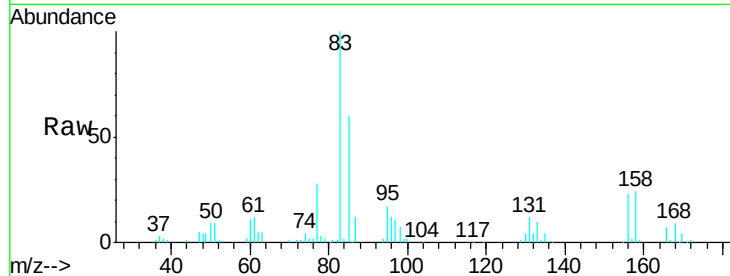
ClientSampleId :

VX1030WBSD01

Tgt Ion:	83	Resp:	41017
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.3	16.1
85	63.7	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.135 ug/l m

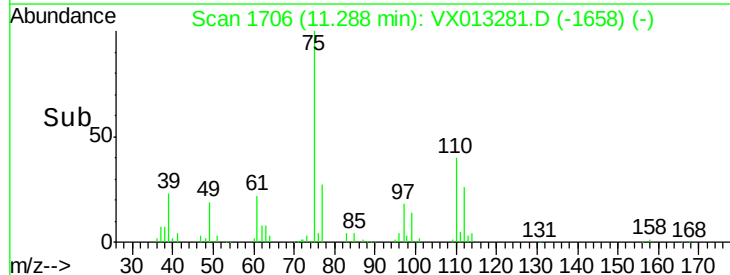
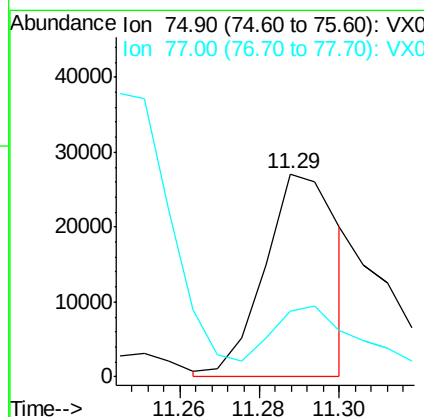
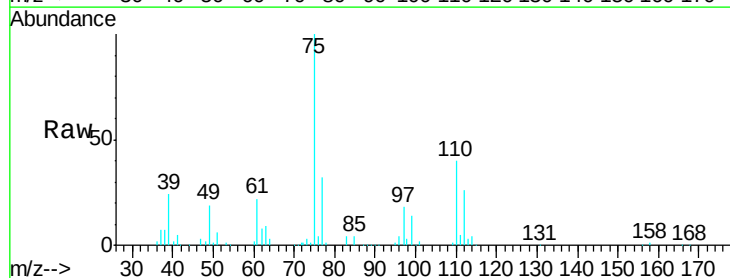
RT: 11.29 min Scan# 1706

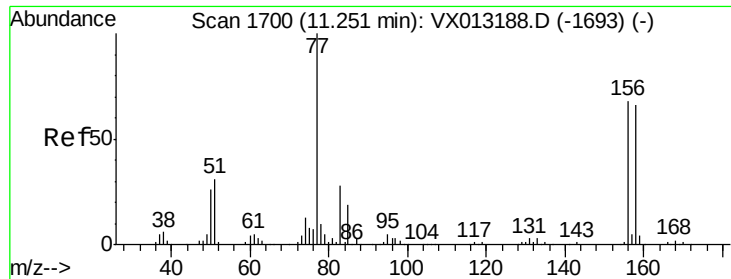
Delta R.T. -0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Tgt Ion:	75	Resp:	34574
Ion	Ratio	Lower	Upper
75	100		
77	44.0	19.1	57.5





#77

Bromobenzene

Concen: 21.770 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

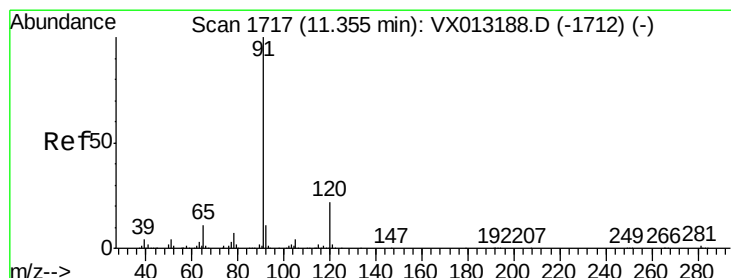
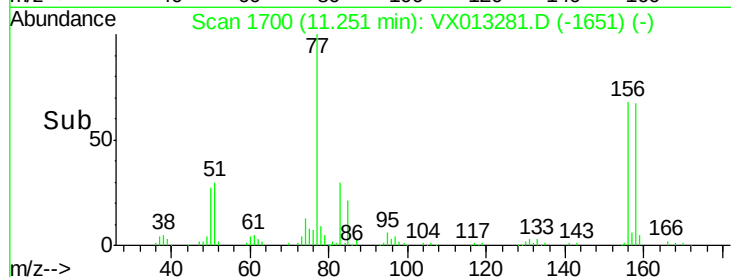
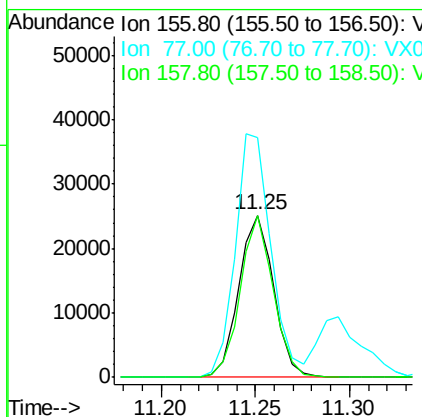
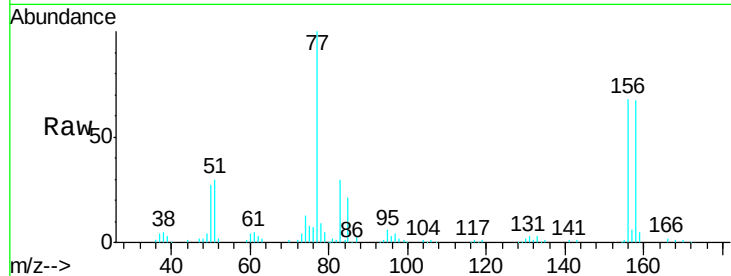
ClientSampleId :

VX1030WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	32159		
77	154.9	81.7	245.1	
158	94.9	49.6	148.8	

Manual Integrations
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#78

n-propylbenzene

Concen: 21.550 ug/l

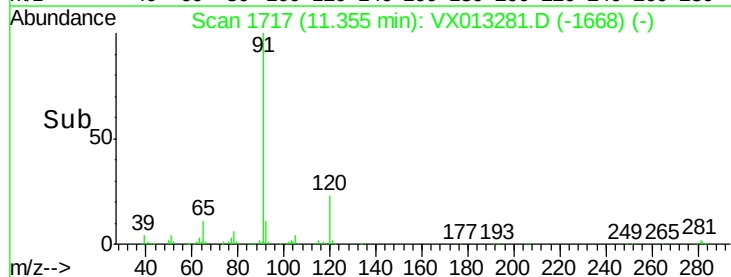
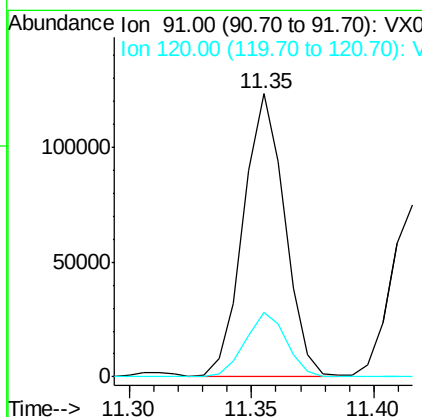
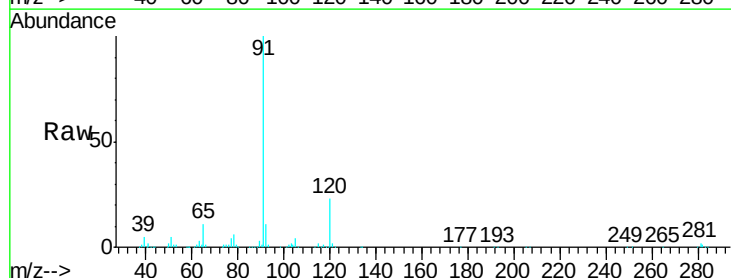
RT: 11.35 min Scan# 1717

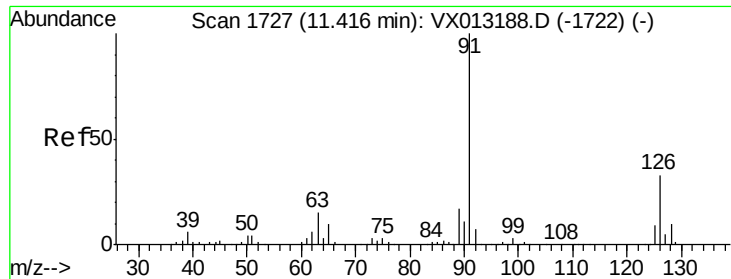
Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	144279		
120	23.0	11.4	34.1	





#79

2-Chlorotoluene

Concen: 21.914 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

Tgt Ion: 91 Resp: 92698

Ion Ratio Lower Upper

91 100

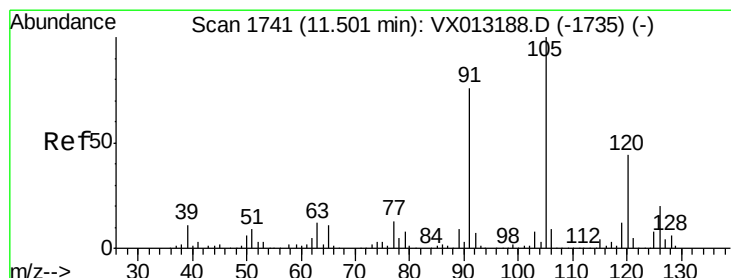
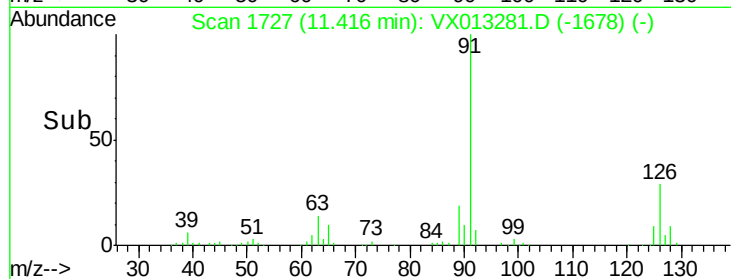
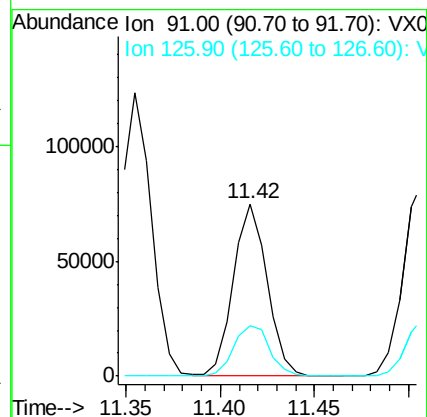
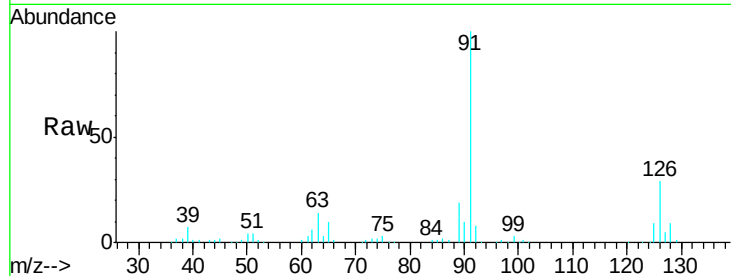
126 31.5 16.3 48.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 22.362 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013281.D

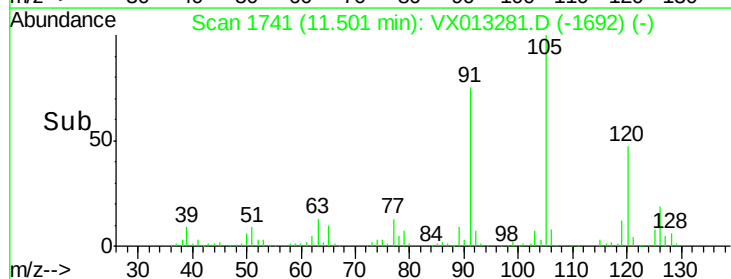
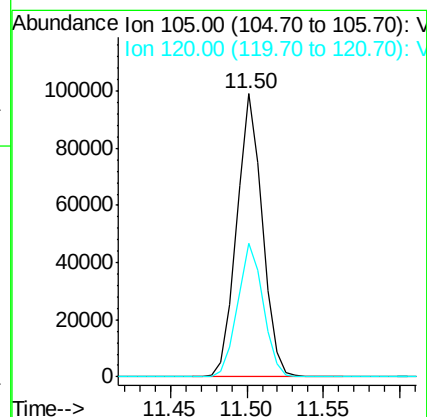
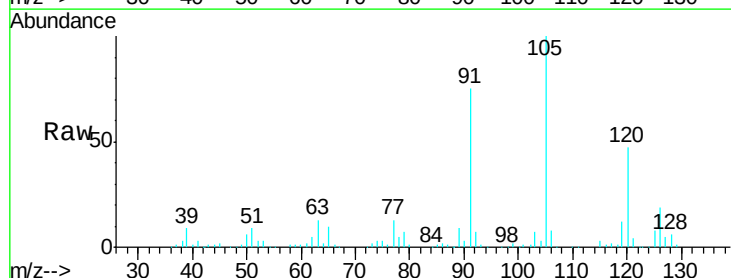
Acq: 30 Oct 2019 12:33

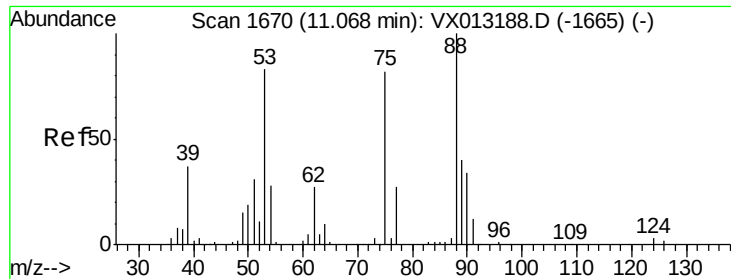
Tgt Ion: 105 Resp: 114560

Ion Ratio Lower Upper

105 100

120 47.2 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.286 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

Tgt Ion: 75 Resp: 12076

Ion Ratio Lower Upper

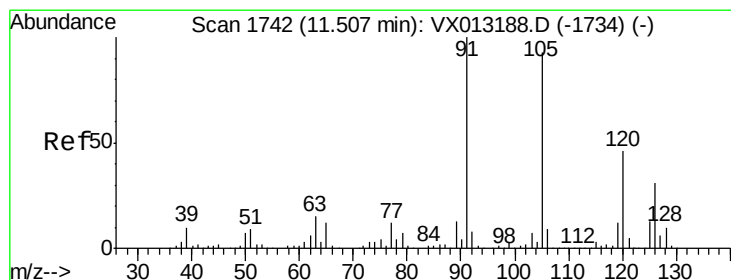
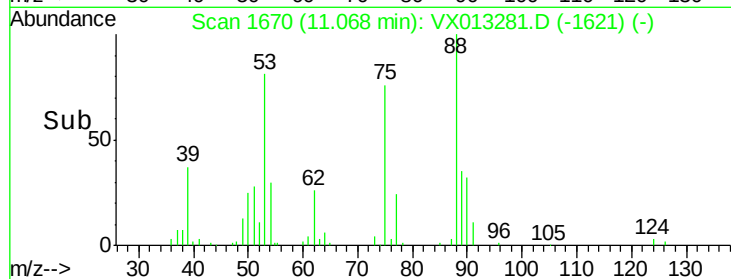
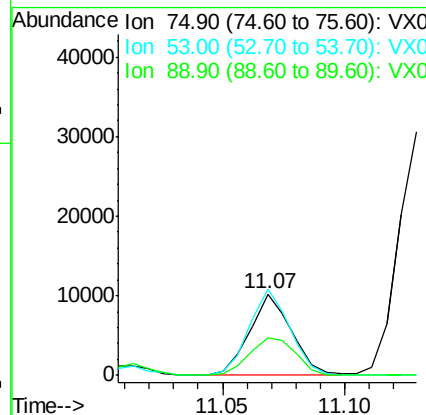
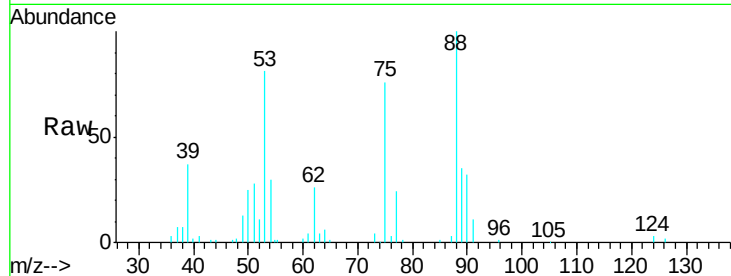
75 100

53 104.8 77.9 116.9

89 52.4 37.3 55.9

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#82

4-Chlorotoluene

Concen: 21.870 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013281.D

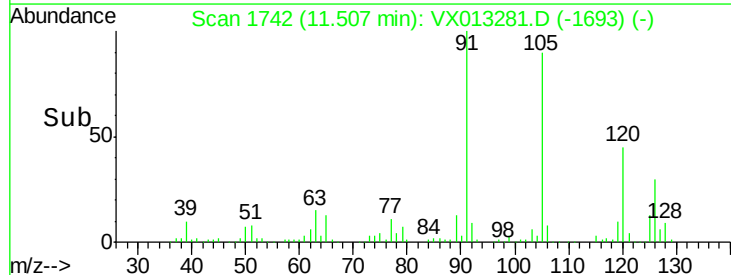
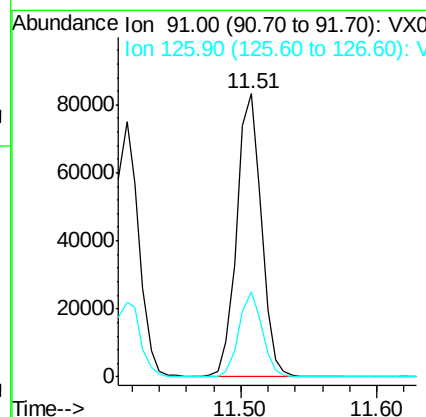
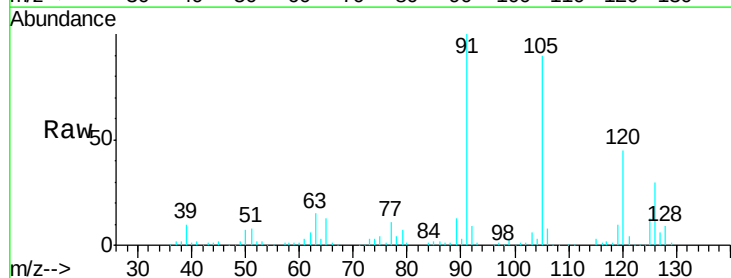
Acq: 30 Oct 2019 12:33

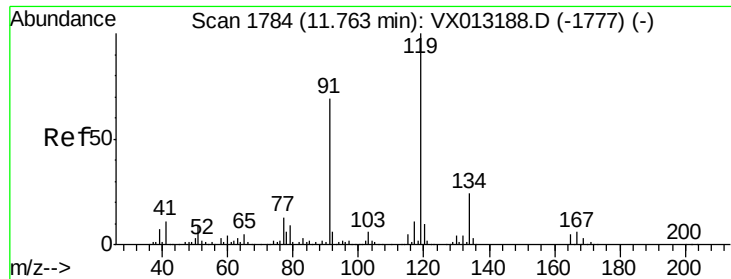
Tgt Ion: 91 Resp: 104820

Ion Ratio Lower Upper

91 100

126 28.5 14.6 44.0





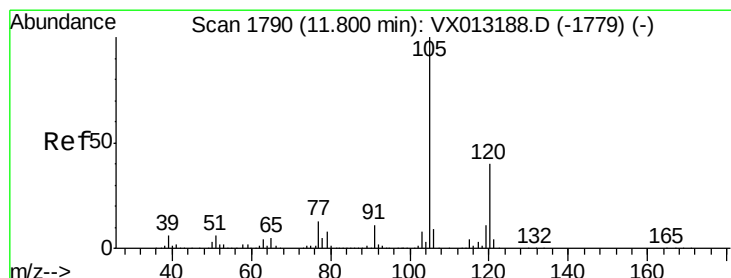
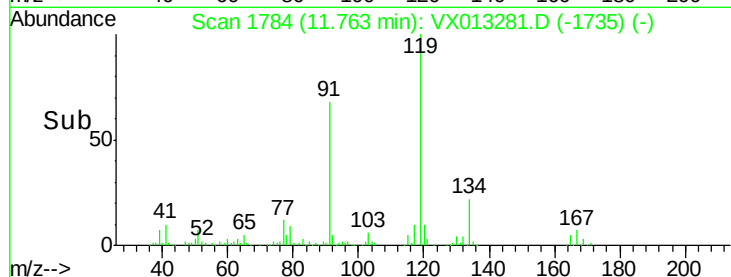
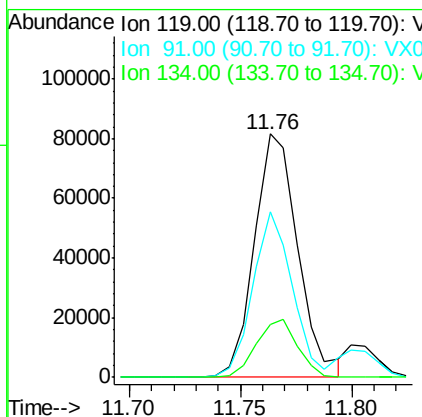
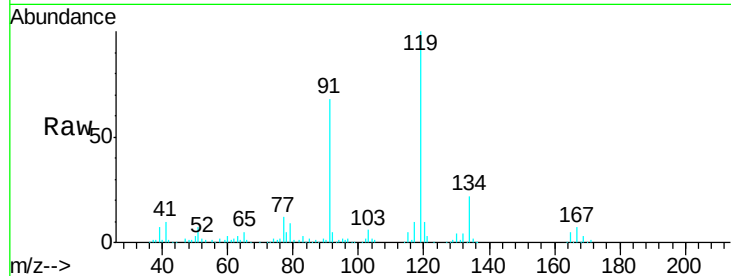
#83
 tert-Butylbenzene
 Concen: 21.921 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	111105		
91	61.8	30.8	92.4	
134	22.6	11.5	34.5	

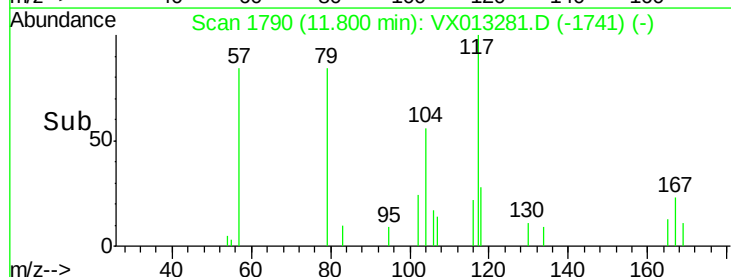
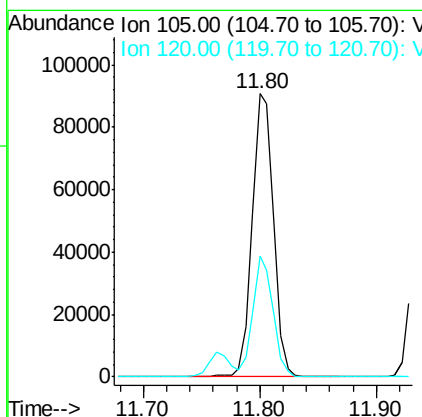
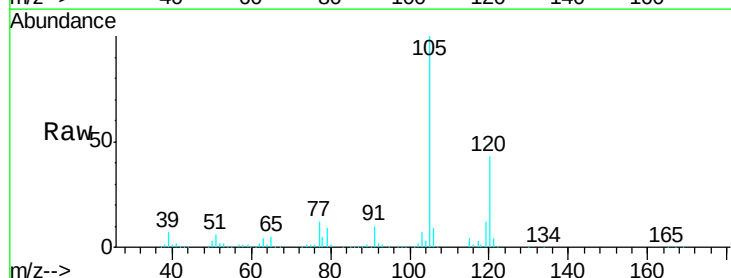
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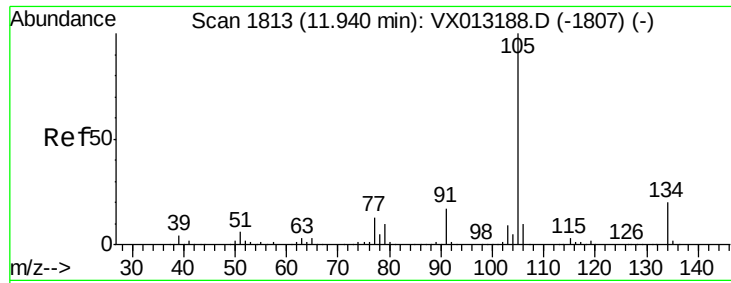
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.416 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	115834		
120	40.2	21.4	64.3	





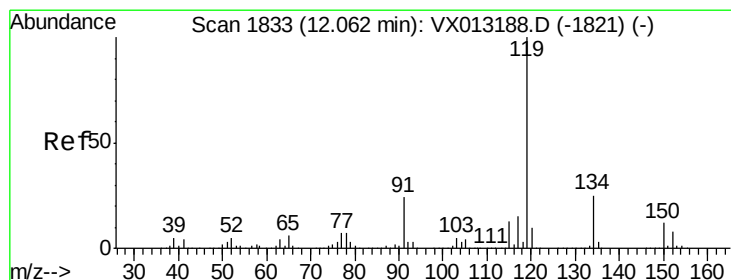
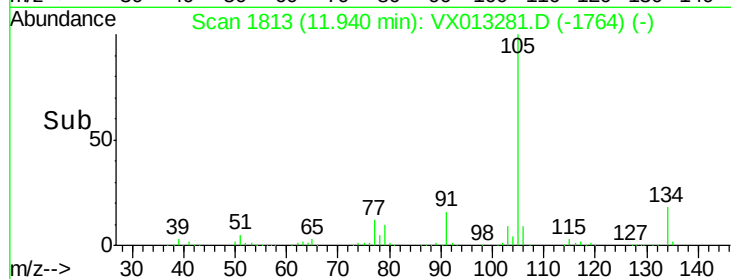
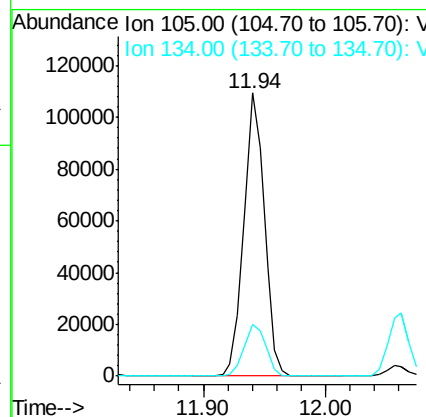
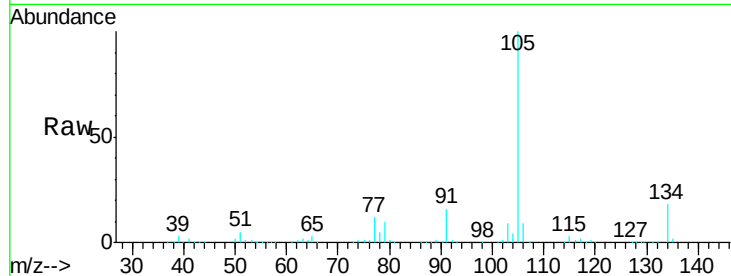
#85
 sec-Butylbenzene
 Concen: 21.950 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Tgt Ion:105 Resp: 126603
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.9 29.7

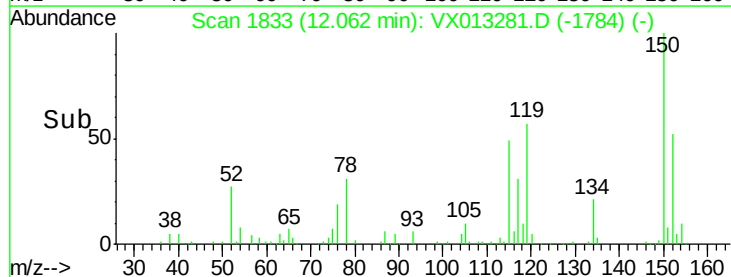
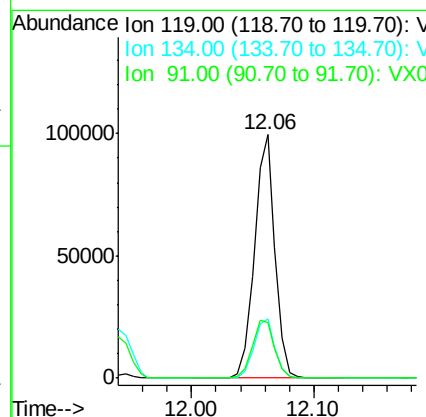
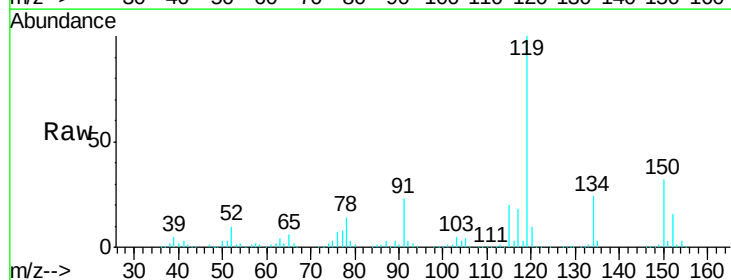
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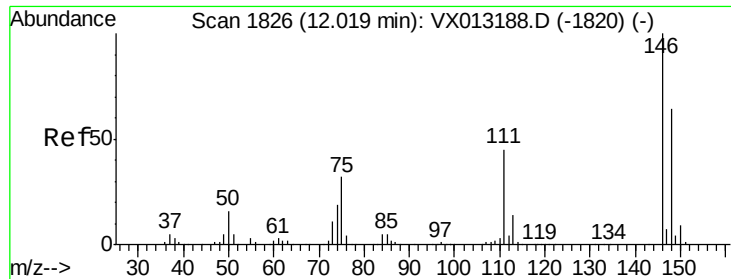
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#86
 p-Isopropyltoluene
 Concen: 21.319 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion:119 Resp: 115521
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 25.7 12.4 37.2





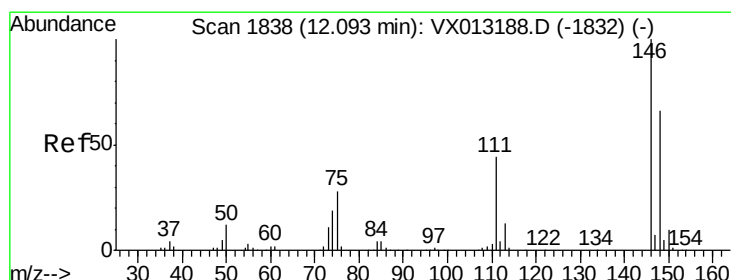
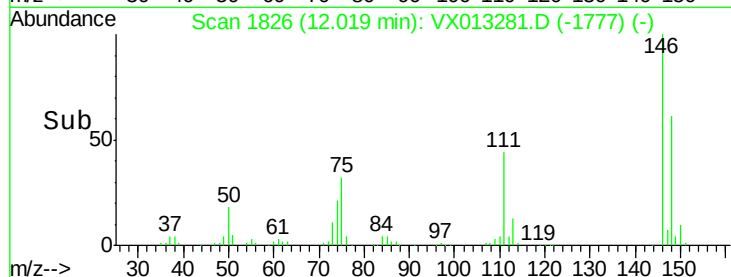
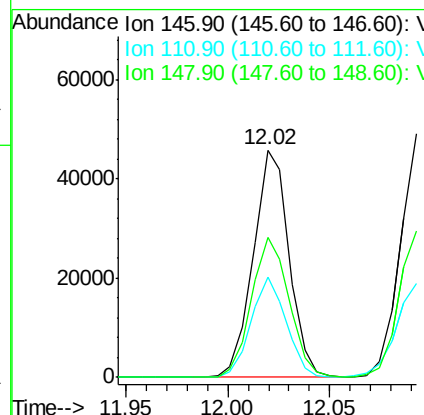
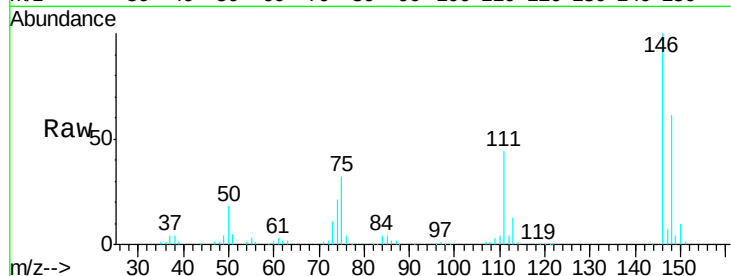
#87
 1,3-Dichlorobenzene
 Concen: 20.953 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.9
148	64.6	31.6	94.8

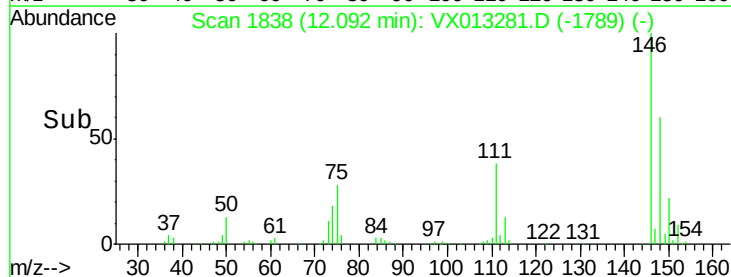
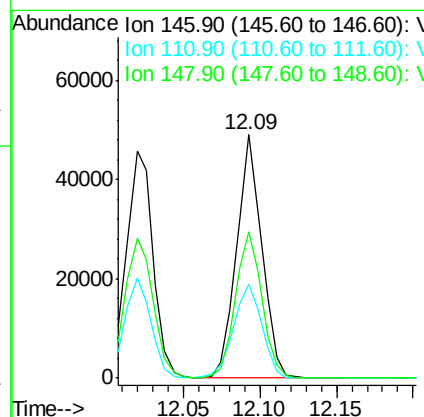
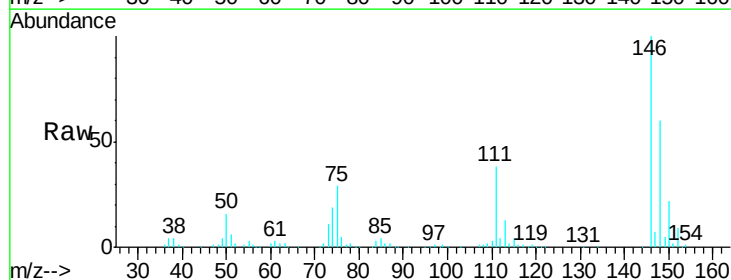
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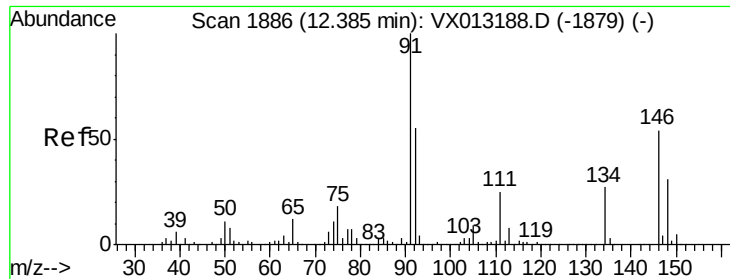
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#88
 1,4-Dichlorobenzene
 Concen: 20.745 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.3	63.9
148	62.8	32.5	97.5





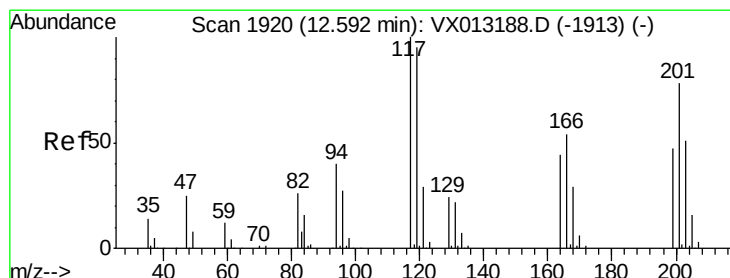
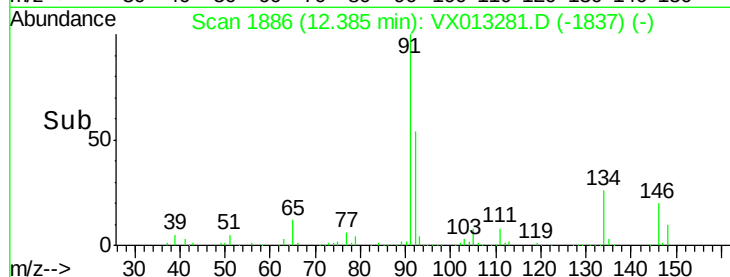
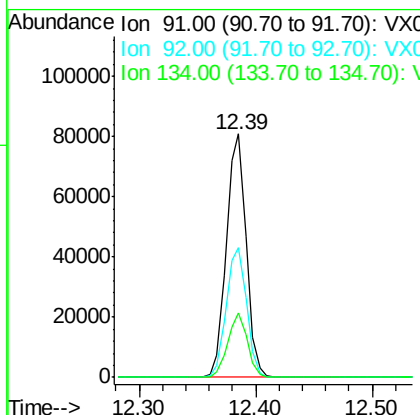
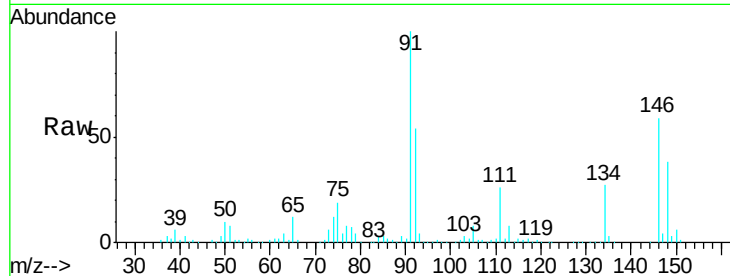
#89
n-Butylbenzene
Concen: 21.495 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion: 91 Resp: 95282
Ion Ratio Lower Upper
91 100
92 54.4 27.7 83.1
134 26.2 13.2 39.6

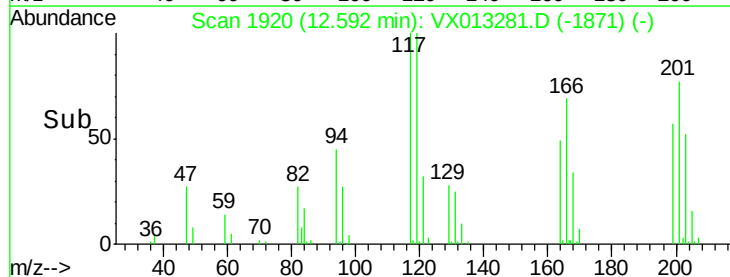
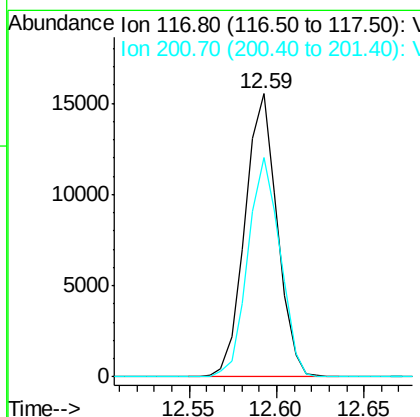
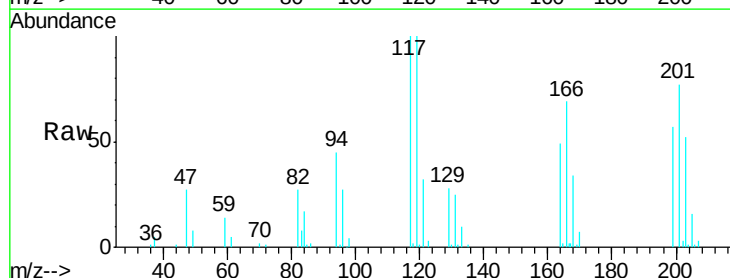
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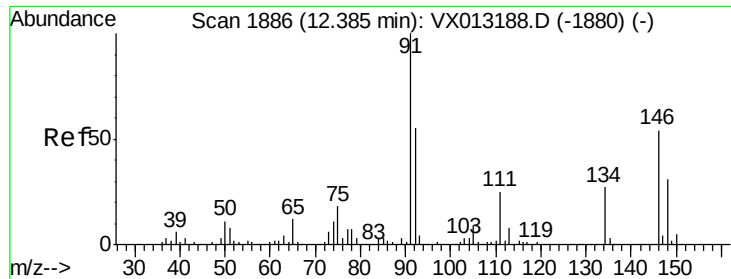
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#90
Hexachloroethane
Concen: 21.932 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 117 Resp: 19902
Ion Ratio Lower Upper
117 100
201 77.7 39.0 116.9





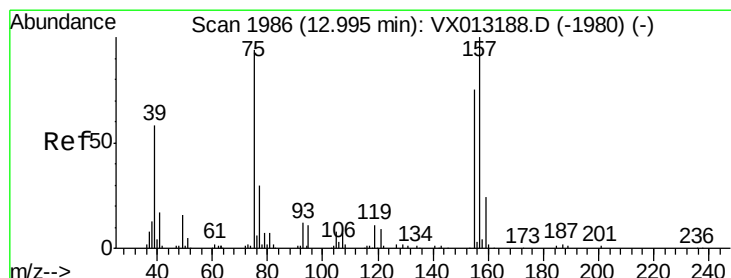
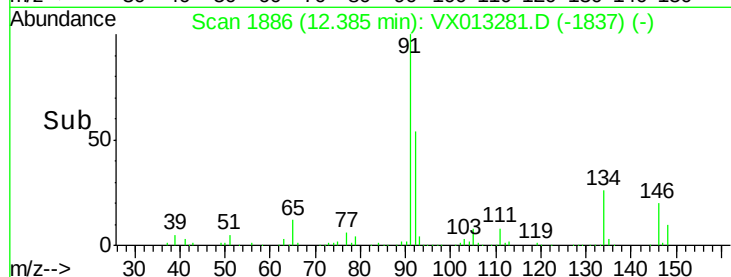
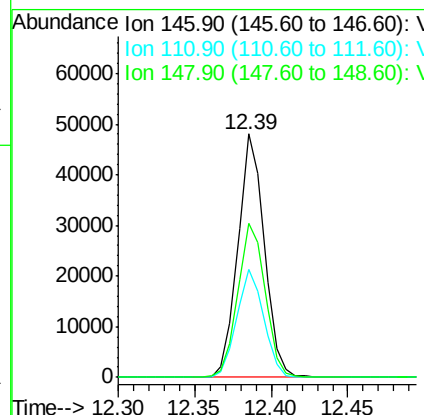
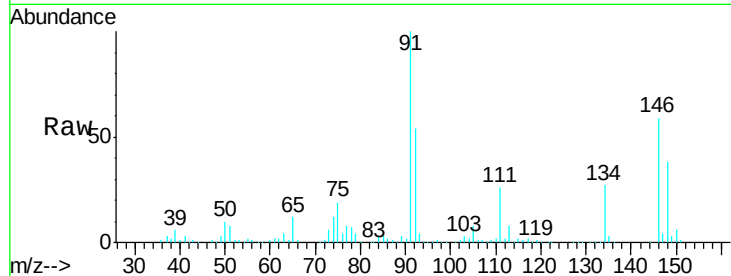
#91
1,2-Dichlorobenzene
Concen: 21.981 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.9	68.8
148	65.5	31.8	95.3

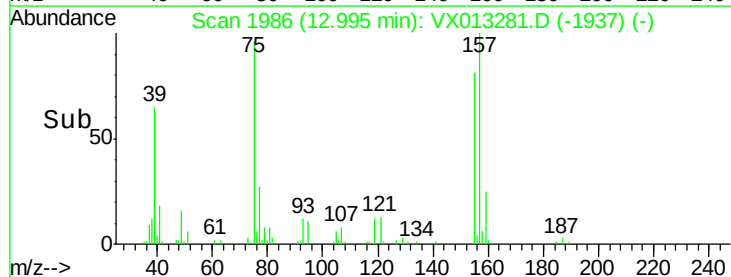
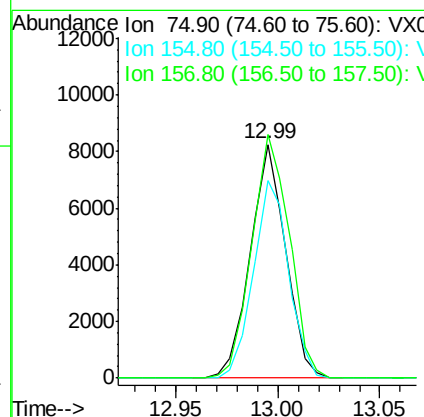
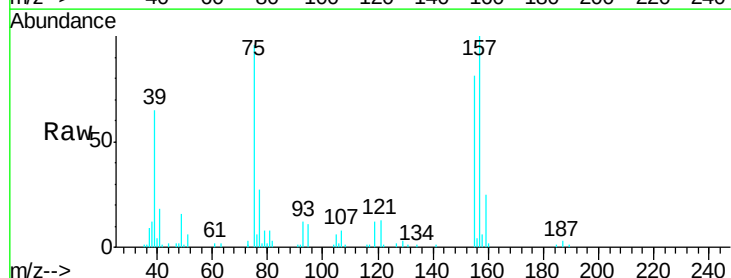
Manual Integrations
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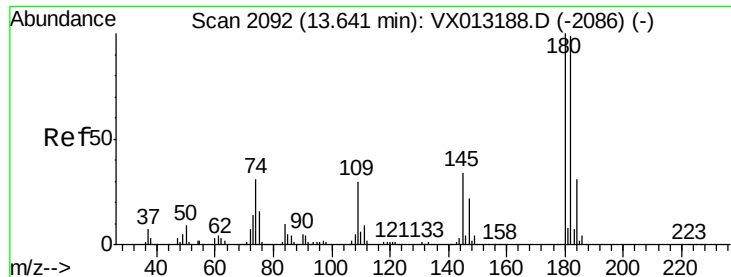
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 21.350 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	42.8	128.4
157	110.7	54.3	162.8





#93

1,2,4-Trichlorobenzene

Concen: 21.025 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

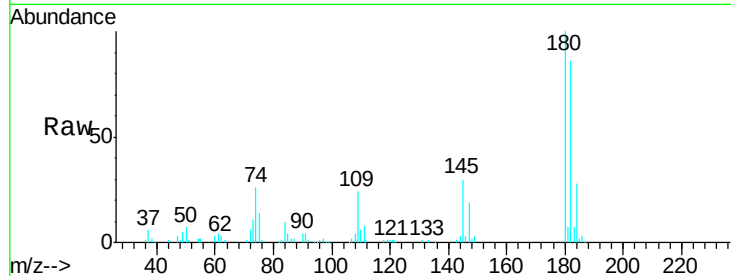
ClientSampleId :

VX1030WBSD01

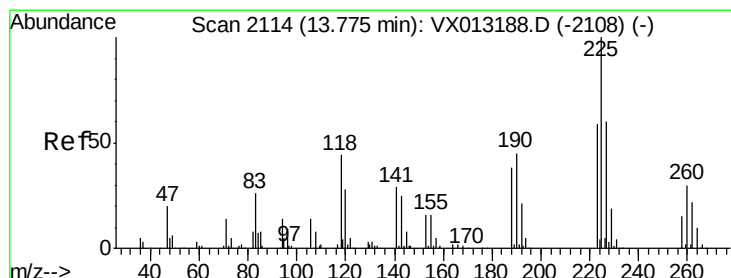
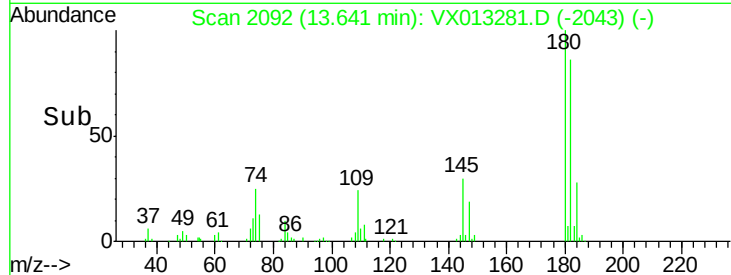
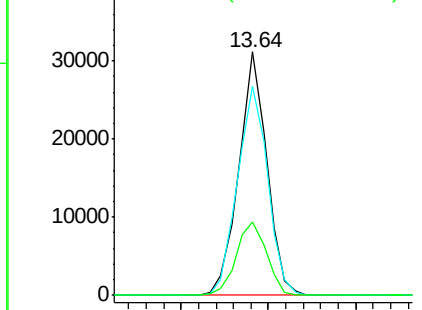
Tgt Ion:	180	Resp:	34742
Ion Ratio	Lower	Upper	
180	100		
182	93.0	45.9	137.6
145	32.9	15.9	47.6

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



#94

Hexachlorobutadiene

Concen: 20.945 ug/l

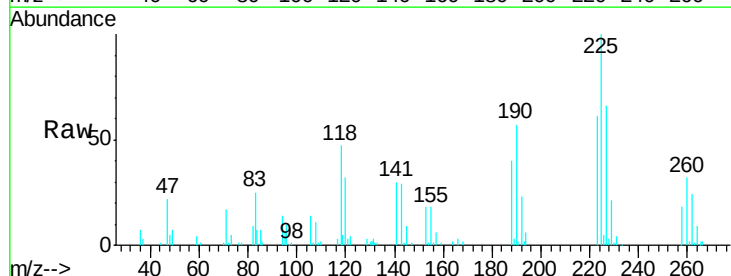
RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

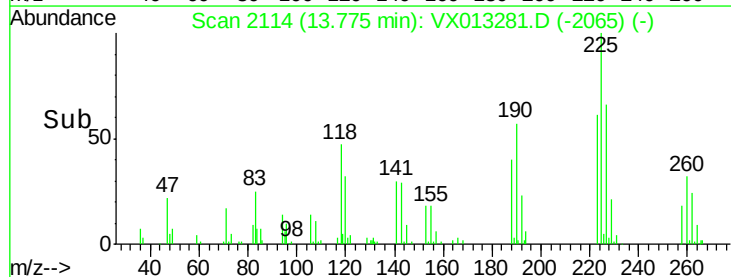
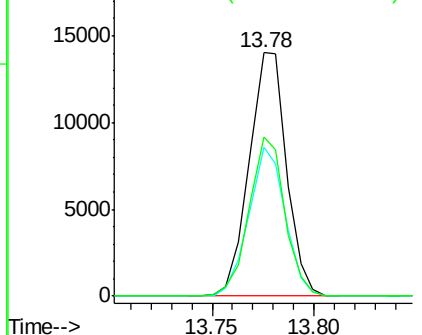
Lab File: VX013281.D

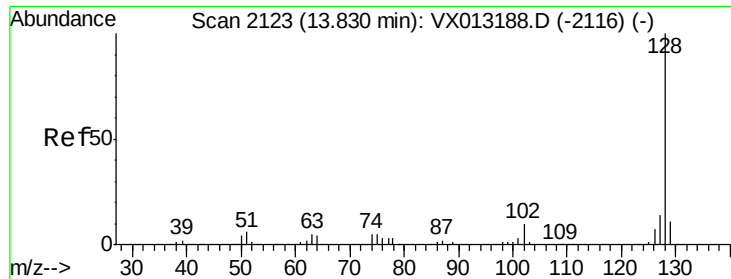
Acq: 30 Oct 2019 12:33

Tgt Ion:	225	Resp:	17904
Ion Ratio	Lower	Upper	
225	100		
223	59.4	30.9	92.5
227	62.5	30.3	90.9



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





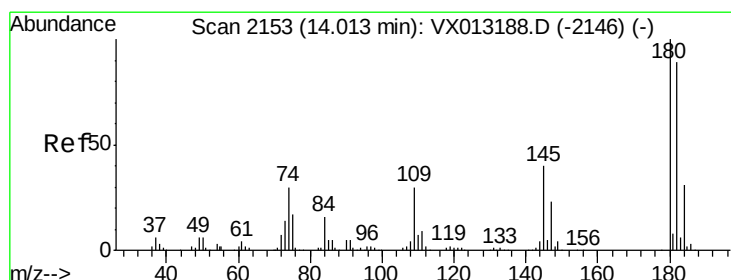
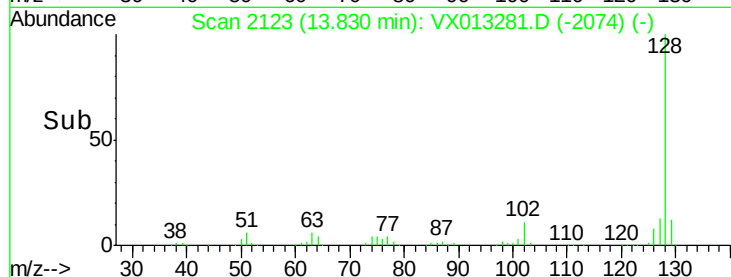
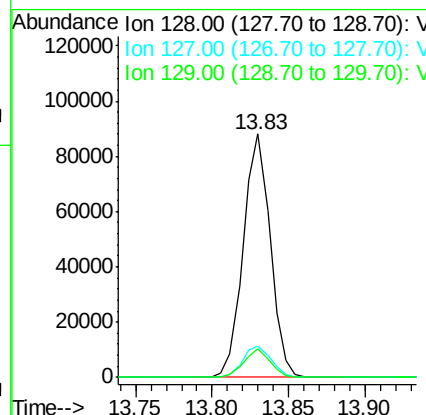
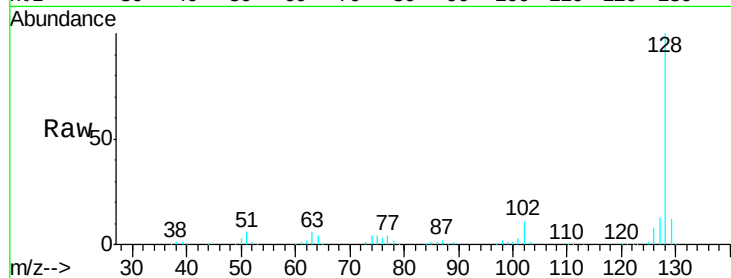
#95
Naphthalene
Concen: 21.243 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/31/2019 4:05:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.018 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	48.3	144.9
145	37.2	18.6	55.6

