

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102819\
 Data File : VX013243.D
 Acq On : 28 Oct 2019 13:20
 Operator : JC/SP
 Sample : VX1028WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 12:07:37 PM

Quant Time: Oct 29 14:57:00 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	81334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	112942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	115481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	78880	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	83653	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	5.48	113	65736	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	8.71	98	237176	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	92386	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	30189	18.395	ug/l	97
3) Chloromethane	1.32	50	23693	18.165	ug/l	98
4) Vinyl Chloride	1.40	62	25058	16.966	ug/l	96
5) Bromomethane	1.63	94	15016	19.181	ug/l	95
6) Chloroethane	1.72	64	15967	17.664	ug/l	95
7) Trichlorofluoromethane	1.92	101	46374	20.077	ug/l	97
8) Diethyl Ether	2.17	74	14595	18.259	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27806	19.265	ug/l	98
10) Methyl Iodide	2.50	142	25827	16.738	ug/l	99
11) Tert butyl alcohol	3.03	59	36653	98.675	ug/l	99
12) 1,1-Dichloroethene	2.36	96	25529	18.426	ug/l	100
13) Acrolein	2.28	56	15608	78.201	ug/l	95
14) Allyl chloride	2.72	41	38175	17.501	ug/l	96
15) Acrylonitrile	3.13	53	69036	92.069	ug/l	99
16) Acetone	2.43	43	75012	93.596	ug/l	99
17) Carbon Disulfide	2.56	76	62297	16.724	ug/l	100
18) Methyl Acetate	2.76	43	32387	19.117	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	90931	18.637	ug/l	97
20) Methylene Chloride	2.85	84	28818	19.406	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	27609	19.445	ug/l	92
22) Diisopropyl ether	3.84	45	78349	18.370	ug/l	89
23) Vinyl Acetate	3.80	43	336137	92.726	ug/l	100
24) 1,1-Dichloroethane	3.68	63	48235	18.387	ug/l	96
25) 2-Butanone	4.65	43	97931	91.114	ug/l	100
26) 2,2-Dichloropropane	4.57	77	46250	19.076	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	32106	18.921	ug/l	97
28) Bromochloromethane	5.00	49	13457	19.894	ug/l	# 7
29) Tetrahydrofuran	5.11	42	56250	86.824	ug/l	98
30) Chloroform	5.19	83	53908	19.301	ug/l	99
31) Cyclohexane	5.57	56	40451	18.387	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	49055	19.753	ug/l	98
36) 1,1-Dichloropropene	5.79	75	38574	20.358	ug/l	100
37) Ethyl Acetate	4.82	43	34588	18.377	ug/l	98
38) Carbon Tetrachloride	5.77	117	42709	20.459	ug/l	99

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Quant Time: Oct 29 14:57:00 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	46173	19.097	ug/l	98
40) Benzene	6.13	78	108029	19.043	ug/l	99
41) Methacrylonitrile	5.03	41	19145	18.973	ug/l	95
42) 1,2-Dichloroethane	6.18	62	43727	20.444	ug/l	98
43) Isopropyl Acetate	6.43	43	60130	19.242	ug/l	98
44) Trichloroethene	7.20	130	31126	19.332	ug/l	99
45) 1,2-Dichloropropane	7.51	63	27543	19.385	ug/l	92
46) Dibromomethane	7.65	93	19776	19.318	ug/l	99
47) Bromodichloromethane	7.89	83	40231	20.166	ug/l	97
48) Methyl methacrylate	7.76	41	29508	19.106	ug/l	98
49) 1,4-Dioxane	7.73	88	15104	384.241	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	182142	95.628	ug/l	100
52) Toluene	8.78	92	72648	19.324	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	42813	20.195	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	46105	19.880	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	28824	19.392	ug/l	97
56) Ethyl methacrylate	9.17	69	43716	19.541	ug/l	98
57) 1,3-Dichloropropane	9.37	76	48673	19.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	87066	99.742	ug/l	98
59) 2-Hexanone	9.48	43	139782	95.273	ug/l	98
60) Dibromochloromethane	9.57	129	31597	20.287	ug/l	97
61) 1,2-Dibromoethane	9.67	107	31282	19.824	ug/l	100
64) Tetrachloroethene	9.33	164	31333	20.867	ug/l	97
65) Chlorobenzene	10.14	112	77972	19.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	31237	20.917	ug/l	96
67) Ethyl Benzene	10.25	91	139972	19.341	ug/l	98
68) m/p-Xylenes	10.36	106	105574	38.601	ug/l	98
69) o-Xylene	10.70	106	50024	19.067	ug/l	99
70) Styrene	10.71	104	85658	18.961	ug/l	99
71) Bromoform	10.85	173	22451	20.575	ug/l #	100
73) Isopropylbenzene	11.01	105	142195	19.851	ug/l	99
74) N-amyl acetate	10.89	43	48198	18.333	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	40772	18.746	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	40831m	21.477	ug/l	
77) Bromobenzene	11.25	156	33799	19.687	ug/l	98
78) n-propylbenzene	11.35	91	147715	18.985	ug/l	99
79) 2-Chlorotoluene	11.42	91	94068	19.134	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	118549	19.911	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13332	19.270	ug/l	97
82) 4-Chlorotoluene	11.51	91	106610	19.139	ug/l	98
83) tert-Butylbenzene	11.76	119	113086	19.198	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	120156	20.008	ug/l	99
85) sec-Butylbenzene	11.94	105	134975	20.135	ug/l	98
86) p-Isopropyltoluene	12.06	119	124430	19.758	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	61721	19.900	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	61534	19.486	ug/l	97
89) n-Butylbenzene	12.39	91	95879	18.611	ug/l	97
90) Hexachloroethane	12.59	117	21383	20.275	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	56221	18.434	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10339	19.116	ug/l	97

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Instrument :
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VX1028WBS01

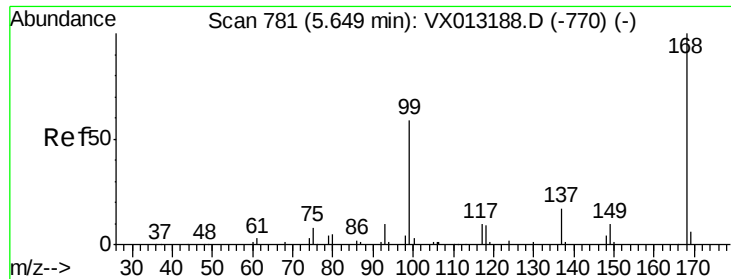
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	35460	18.464	ug/l	96
94) Hexachlorobutadiene	13.78	225	18838	18.963	ug/l	96
95) Naphthalene	13.83	128	114802	19.477	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	37573	19.799	ug/l	97

(#) = 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: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion:168 Resp: 81334

Ion Ratio Lower Upper

168 100

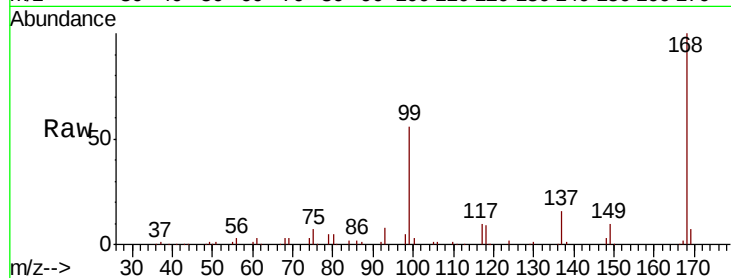
99 56.2 47.0 70.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

30000

20000

10000

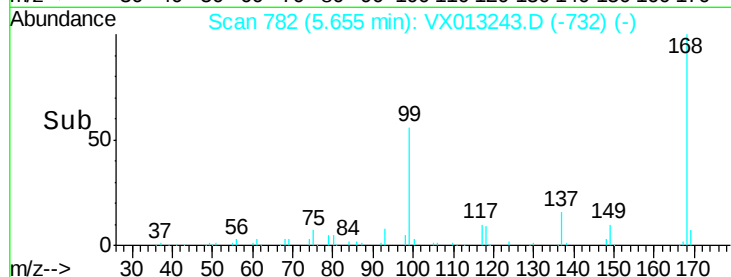
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5.50

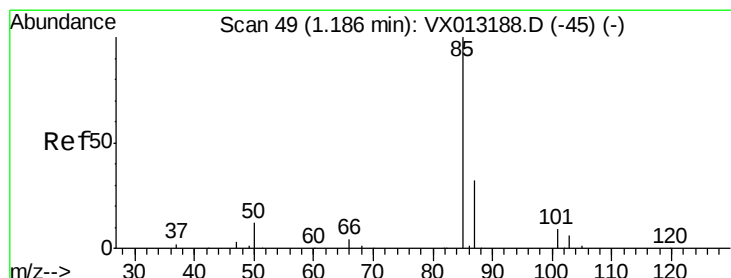
5.60

5.70

5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 18.395 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013243.D

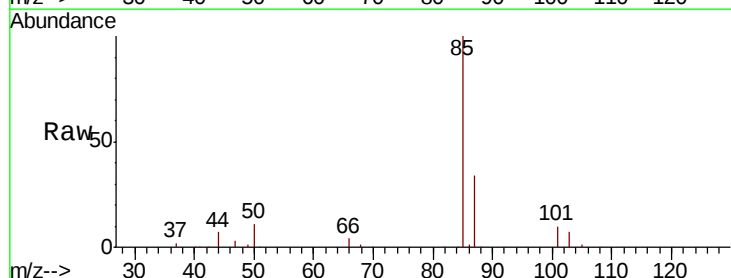
Acq: 28 Oct 2019 13:20

Tgt Ion: 85 Resp: 30189

Ion Ratio Lower Upper

85 100

87 34.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

30000

25000

20000

15000

10000

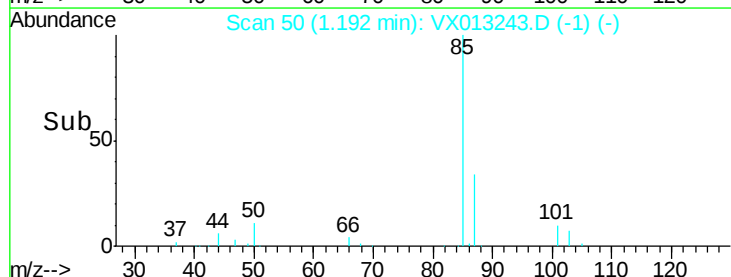
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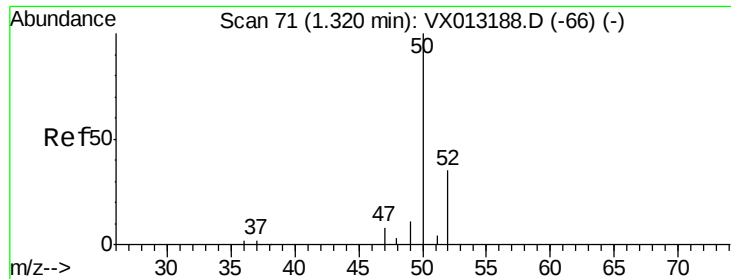
1.15

1.20

1.25



Time-->



#3

Chloromethane

Concen: 18.165 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 50 Resp: 23693

Ion Ratio Lower Upper

50 100

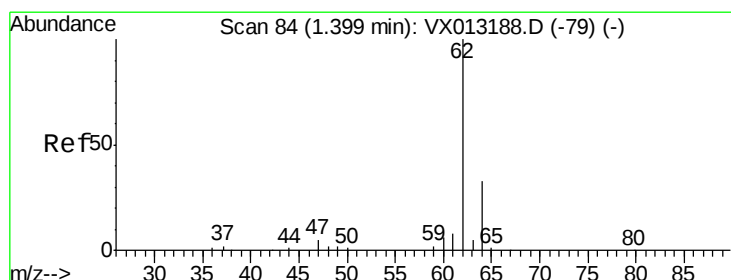
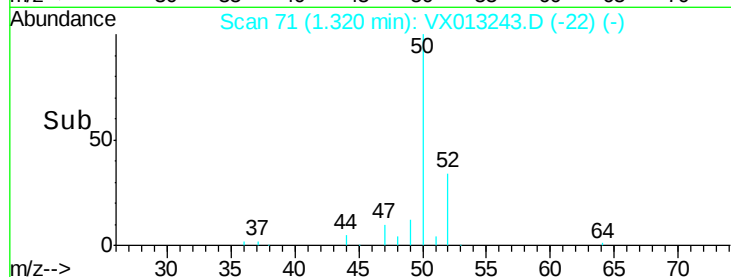
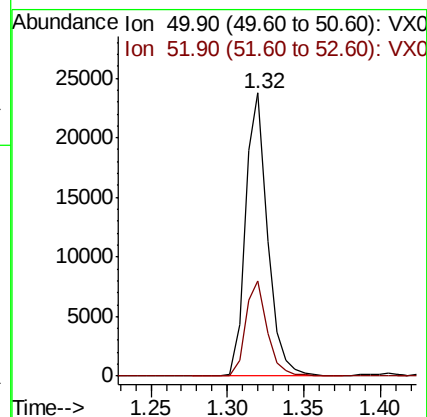
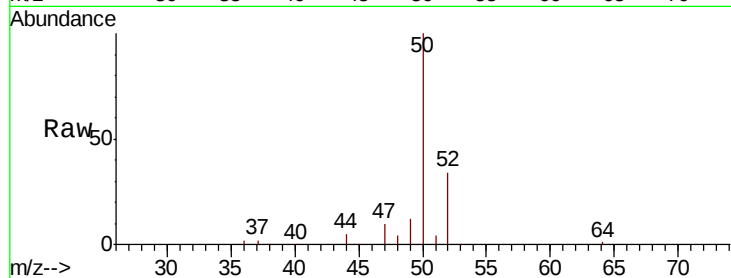
52 33.7 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.966 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013243.D

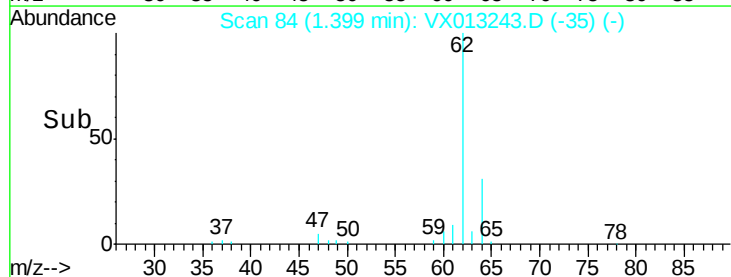
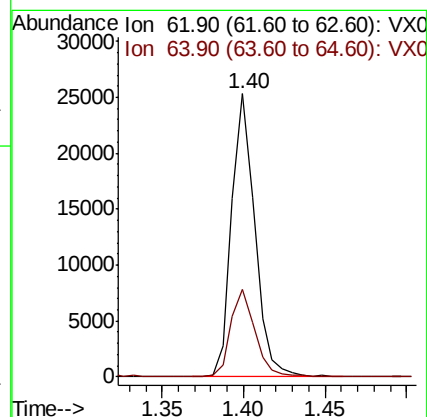
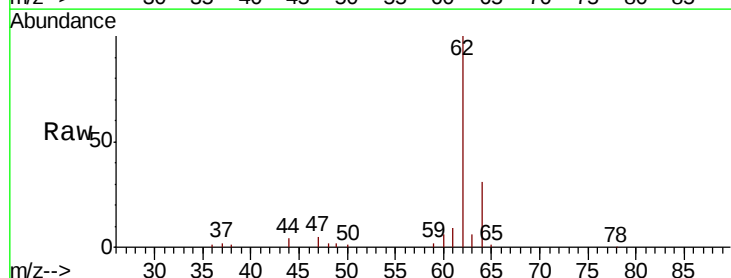
Acq: 28 Oct 2019 13:20

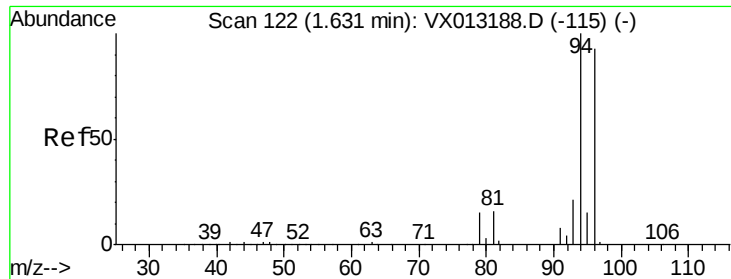
Tgt Ion: 62 Resp: 25058

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6





#5

Bromomethane

Concen: 19.181 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 94 Resp: 15016

Ion Ratio Lower Upper

94 100

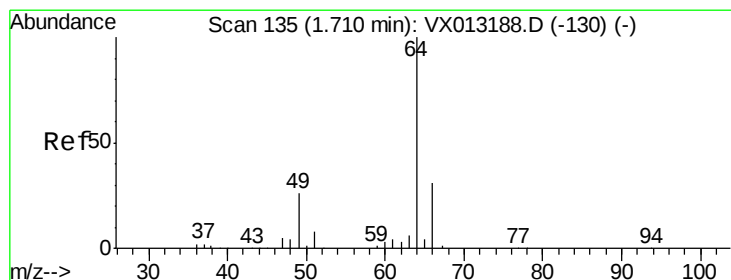
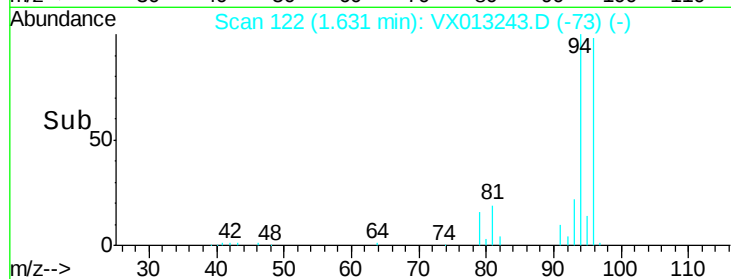
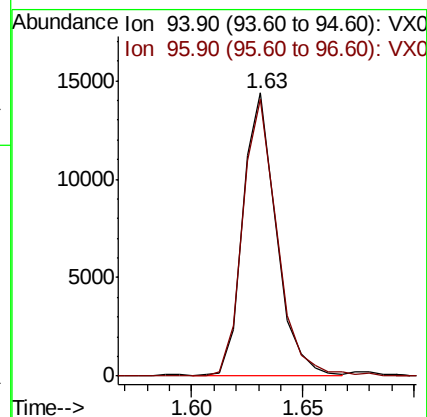
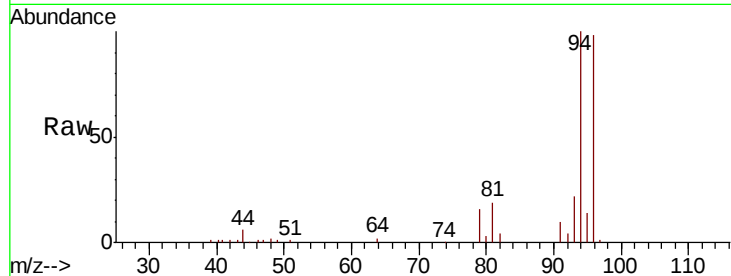
96 97.9 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 17.664 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013243.D

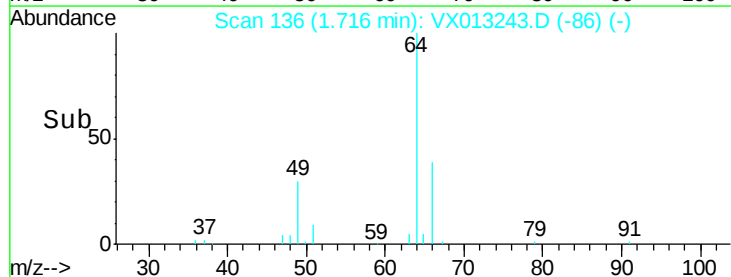
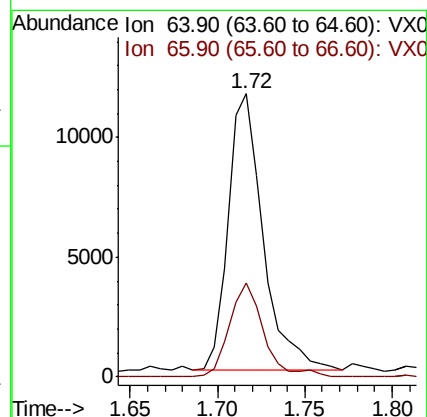
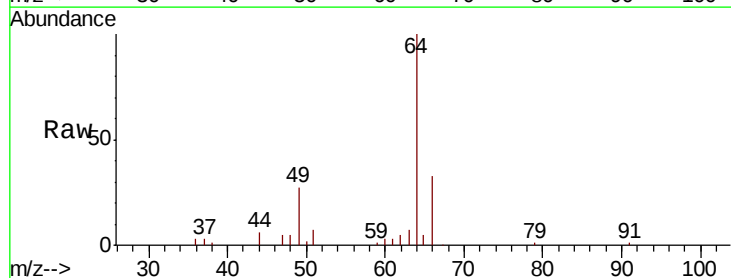
Acq: 28 Oct 2019 13:20

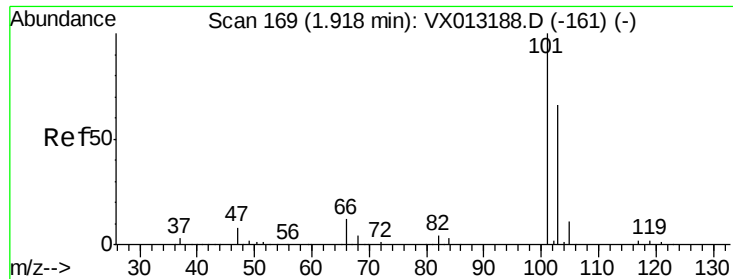
Tgt Ion: 64 Resp: 15967

Ion Ratio Lower Upper

64 100

66 34.0 25.0 37.6





#7

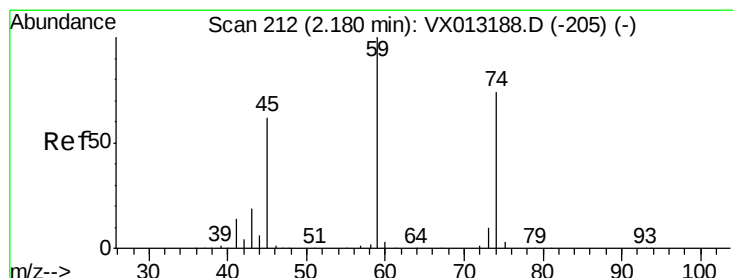
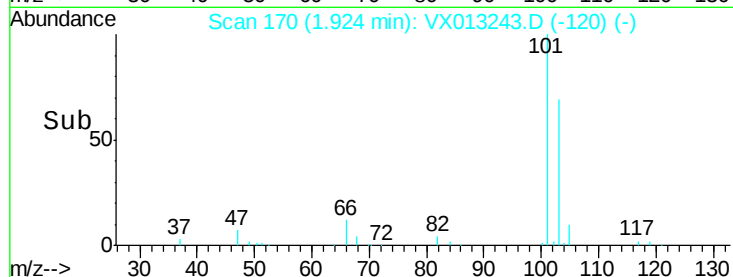
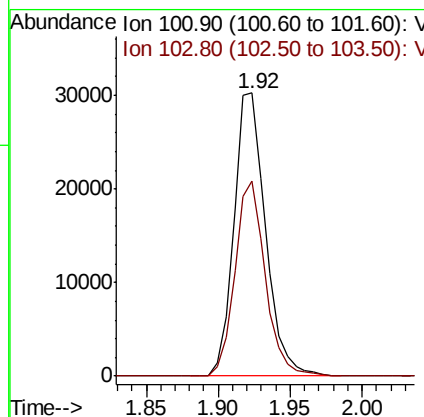
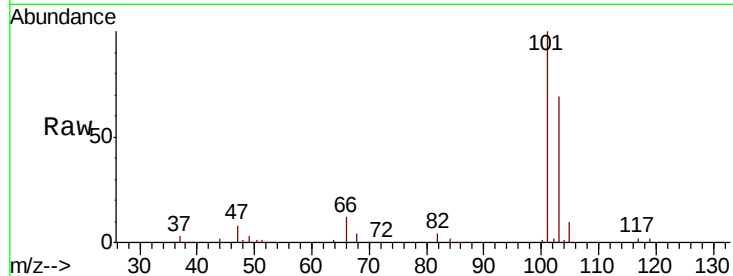
Trichlorofluoromethane
Concen: 20.077 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
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ClientSampleId :
VX1028WBS01

Tot Ion:101 Resp: 46374
Ion Ratio Lower Upper
101 100
103 68.9 53.0 79.6

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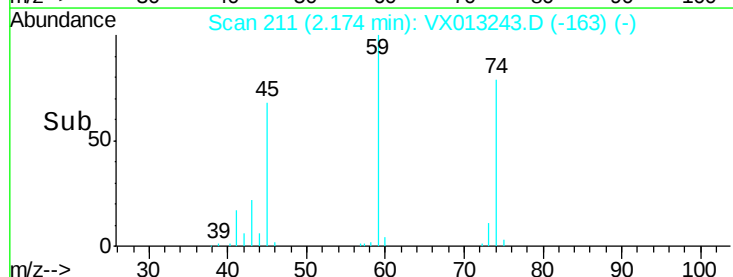
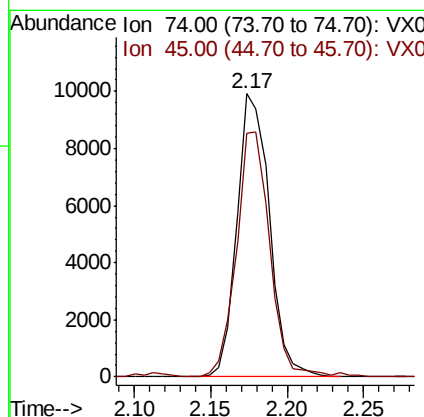
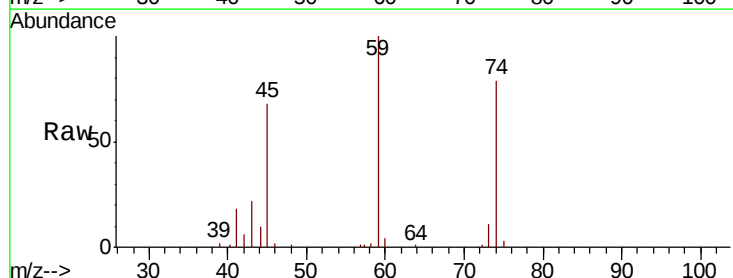
MMDadoda
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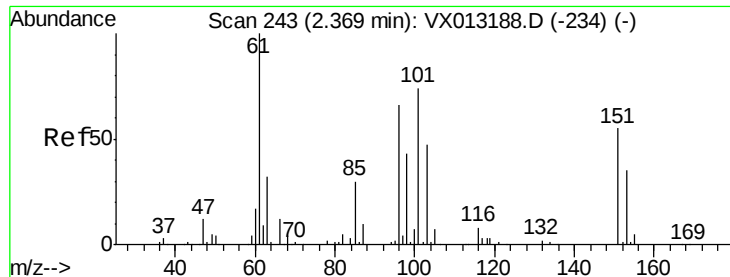


#8

Diethyl Ether
Concen: 18.259 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 74 Resp: 14595
Ion Ratio Lower Upper
74 100
45 89.2 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.265 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

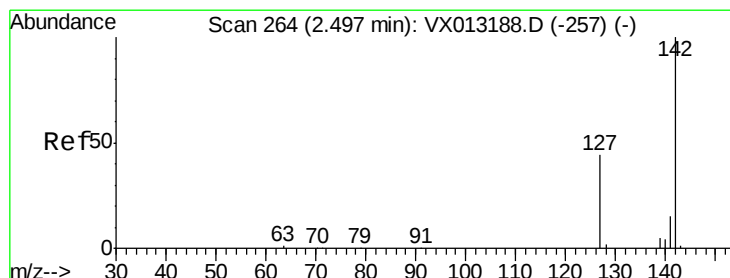
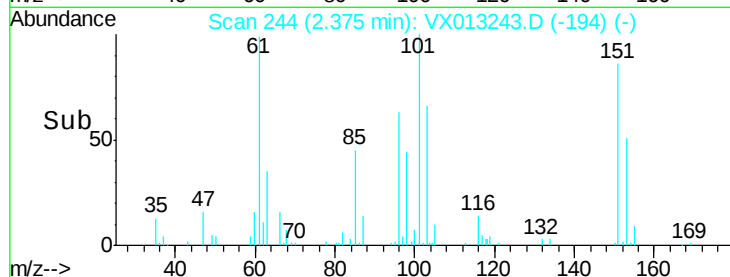
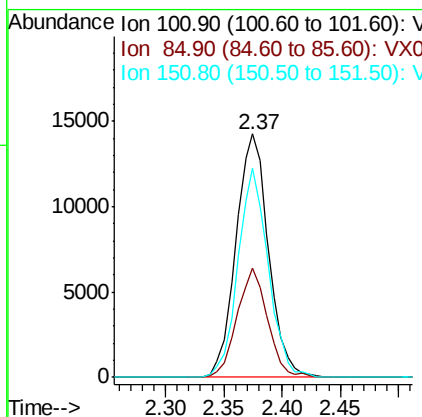
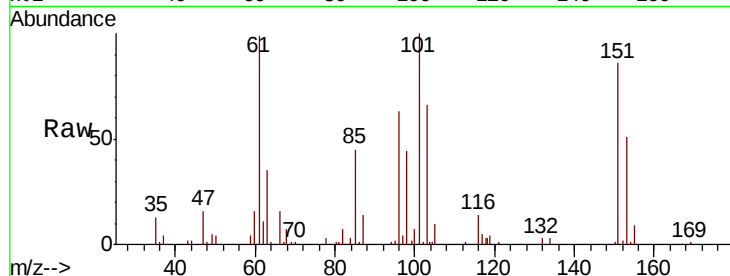
ClientSampleId :

VX1028WBS01

Tot Ion:	101	Resp:	27806
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.0	51.0
151	80.0	62.0	93.0

Manual Integrations
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#10

Methyl Iodide

Concen: 16.738 ug/l

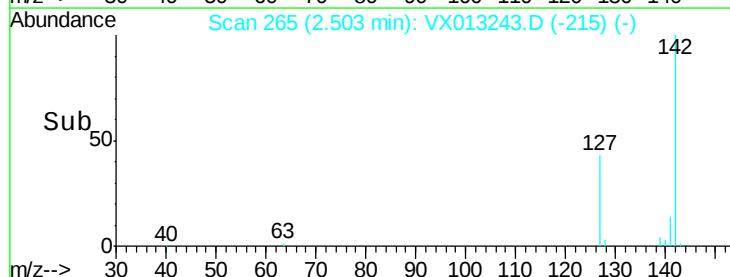
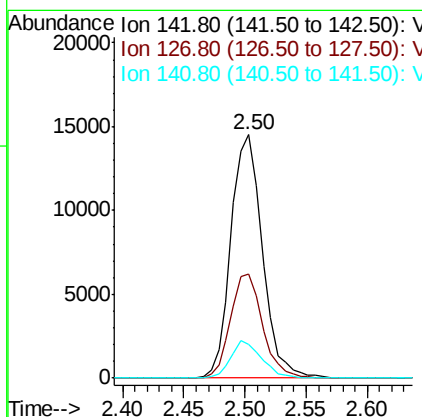
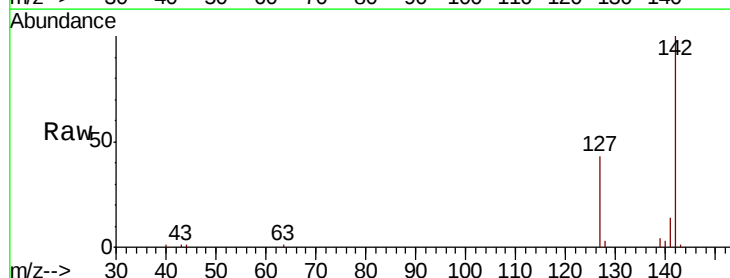
RT: 2.50 min Scan# 265

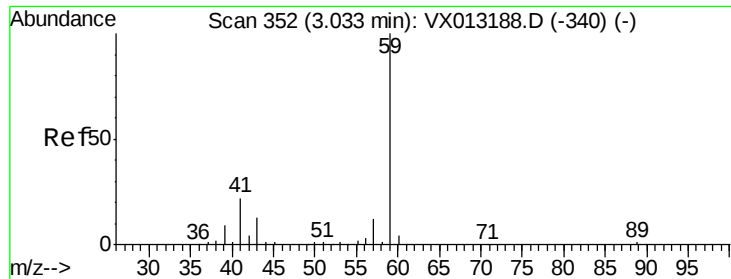
Delta R.T. 0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Tgt Ion:	142	Resp:	25827
Ion Ratio	Lower	Upper	
142	100		
127	43.6	35.6	53.4
141	14.9	11.6	17.4





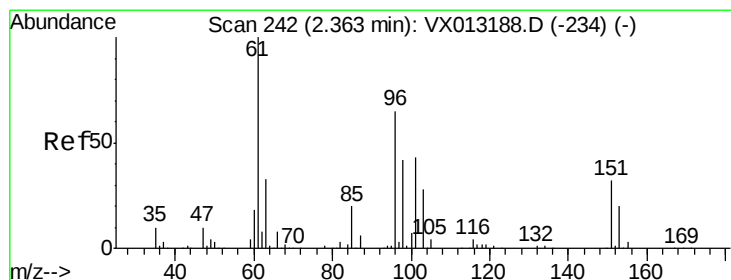
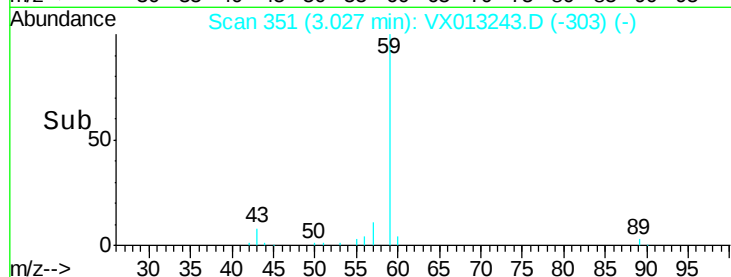
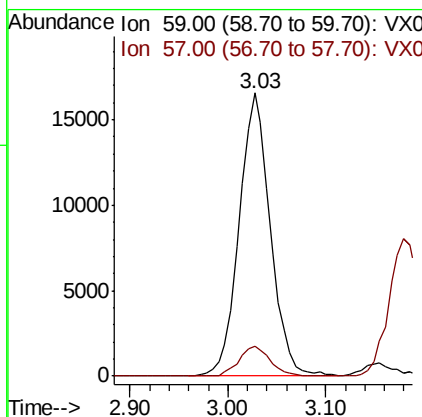
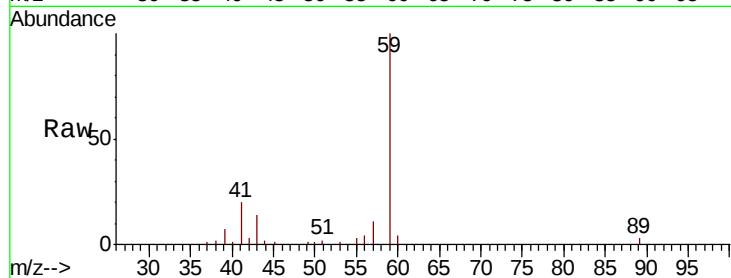
#11
Tert butyl alcohol
Concen: 98.675 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion: 59 Resp: 36653
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

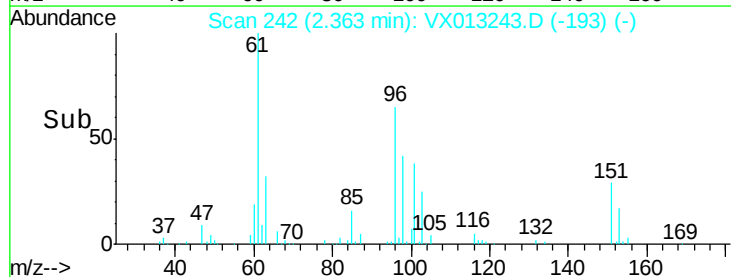
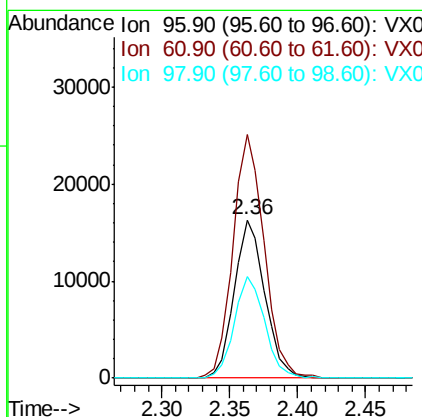
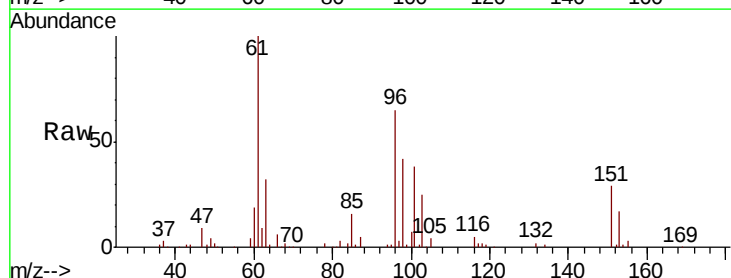
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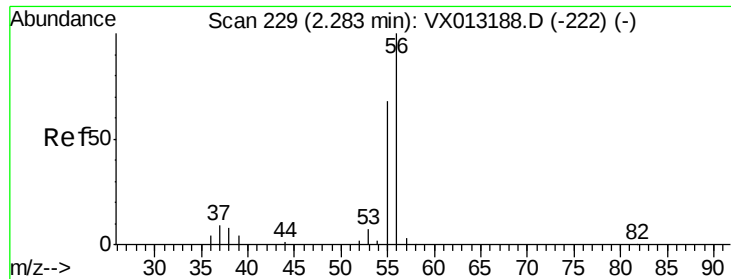
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#12
1,1-Dichloroethene
Concen: 18.426 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 96 Resp: 25529
Ion Ratio Lower Upper
96 100
61 154.1 123.8 185.8
98 64.5 51.6 77.4





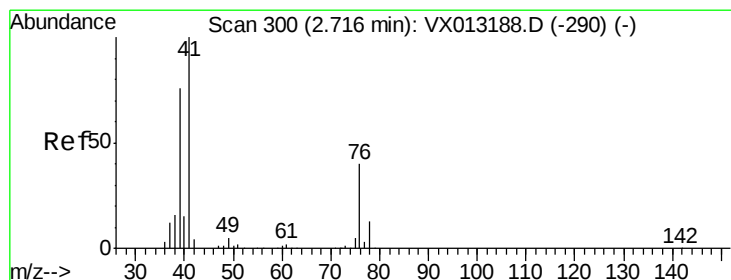
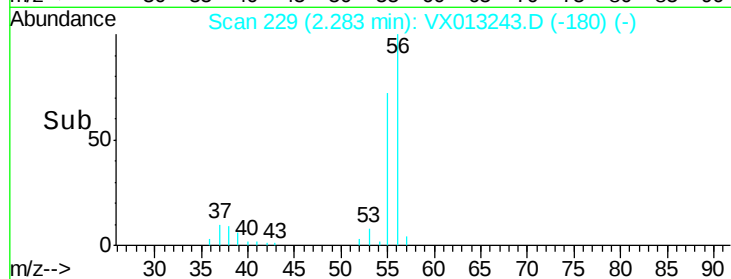
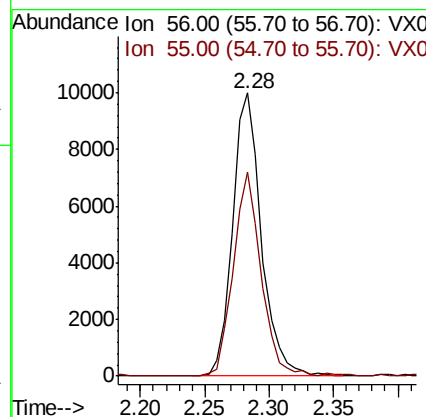
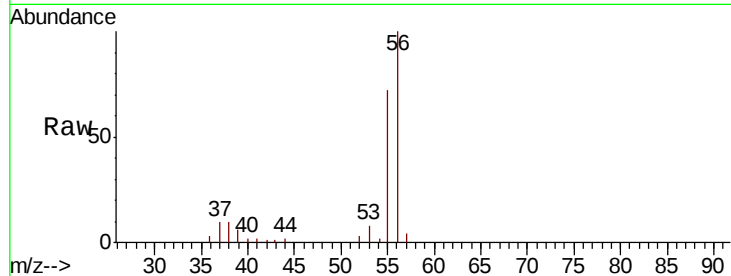
#13
Acrolein
Concen: 78.201 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.6	58.9	88.3

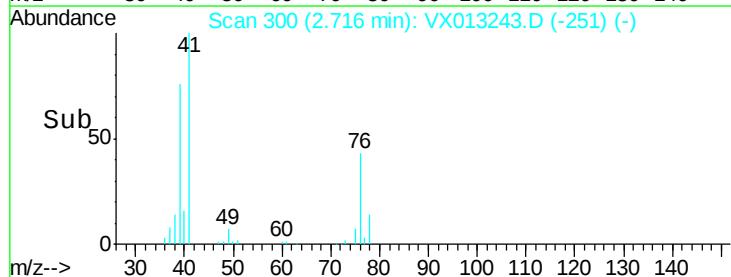
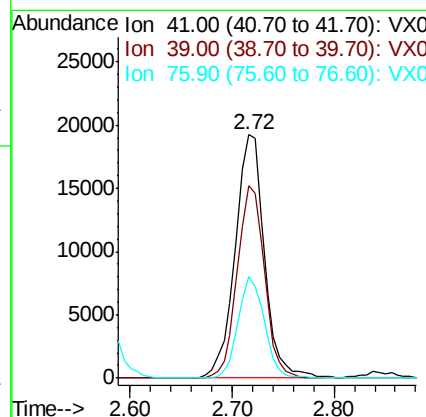
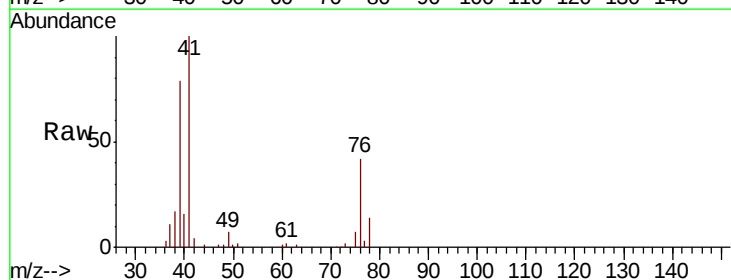
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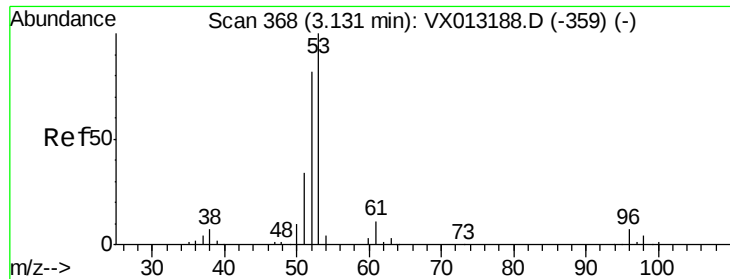
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#14
Allyl chloride
Concen: 17.501 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.4	54.6	81.8
76	37.4	29.8	44.6





#15

Acrylonitrile

Concen: 92.069 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

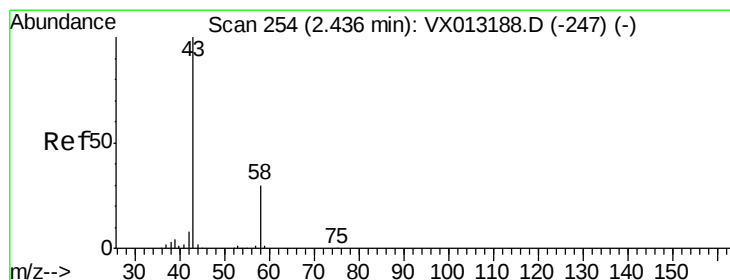
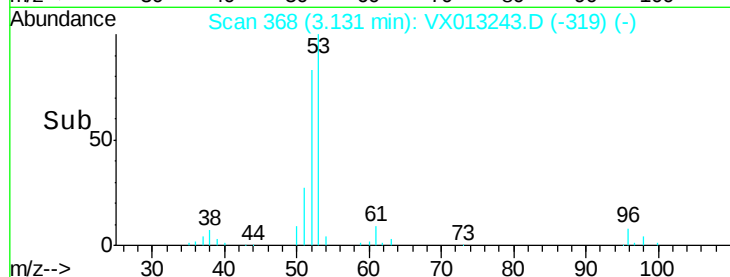
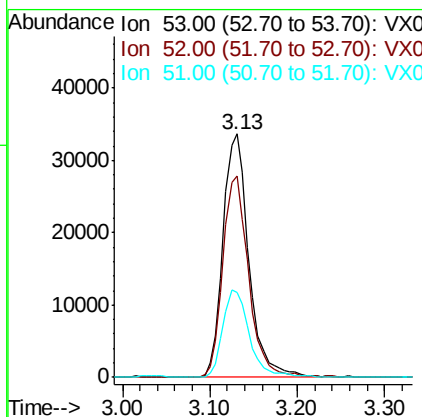
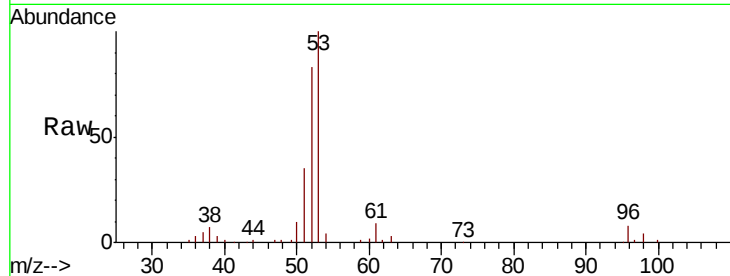
ClientSampleId :

VX1028WBS01

Tot Ion:	53	Resp:	69036
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	37.3	29.4	44.2

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#16

Acetone

Concen: 93.596 ug/l

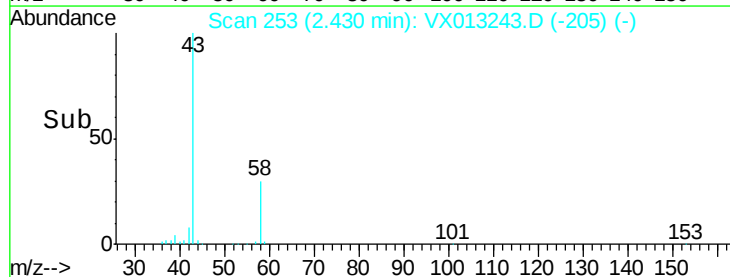
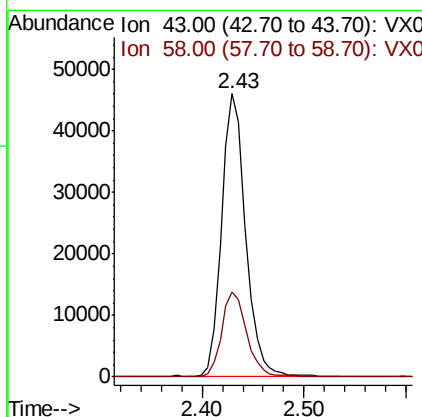
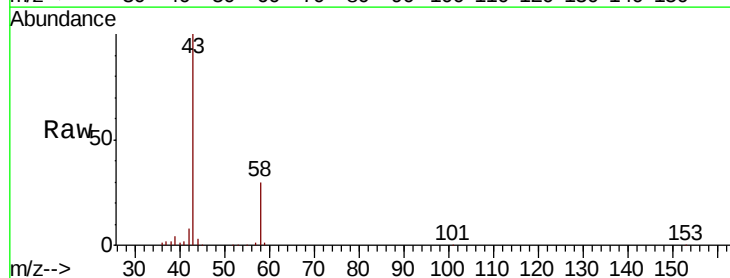
RT: 2.43 min Scan# 253

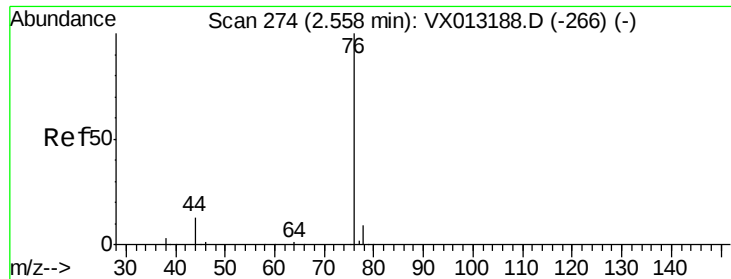
Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Tgt Ion:	43	Resp:	75012
Ion	Ratio	Lower	Upper
43	100		
58	30.1	23.8	35.6





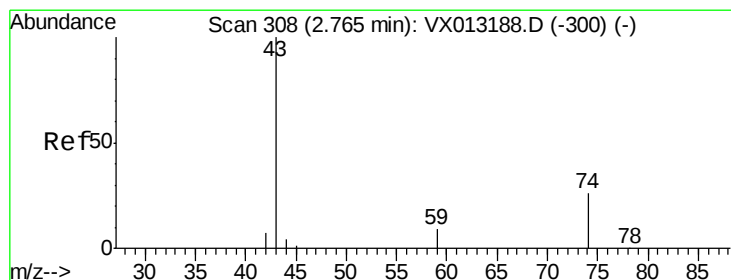
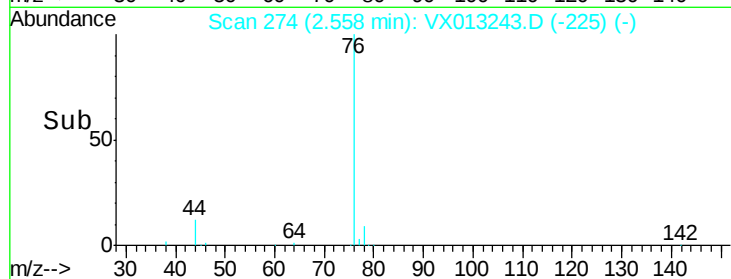
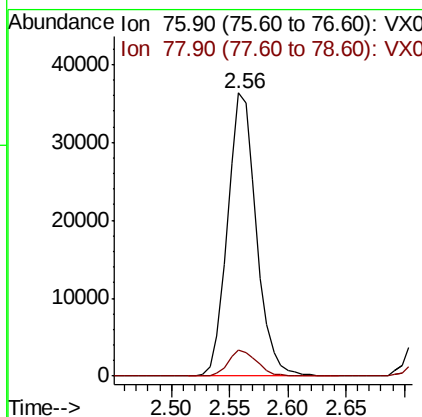
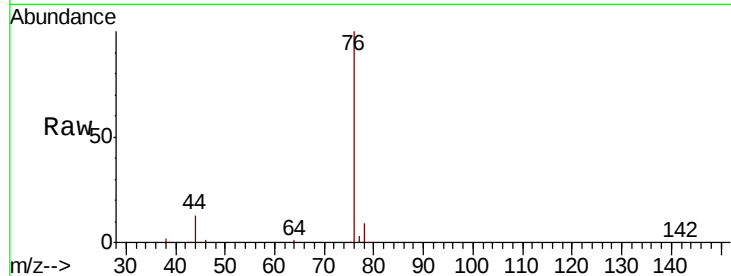
#17
Carbon Disulfide
Concen: 16.724 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion: 76 Resp: 62297
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

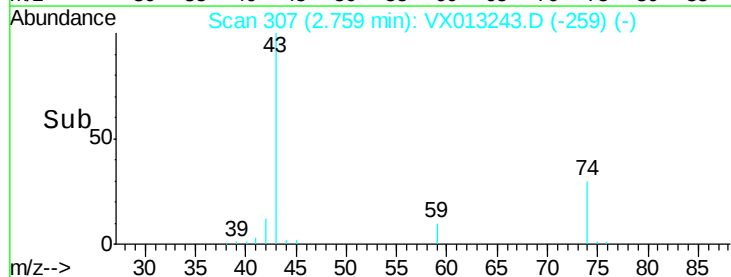
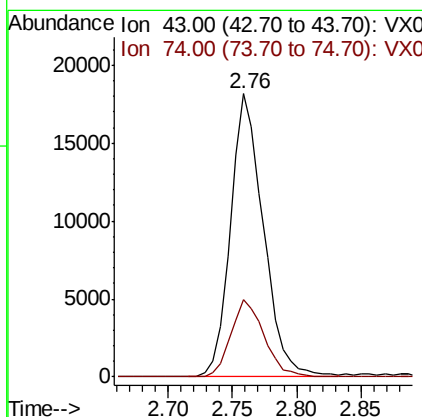
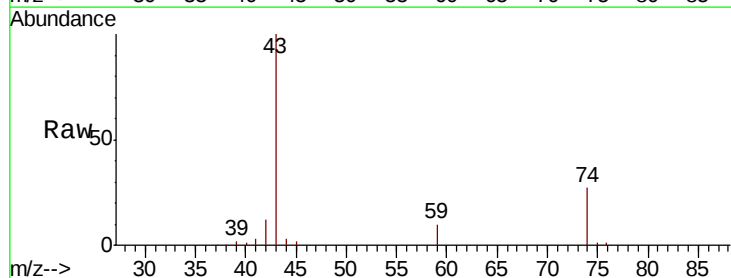
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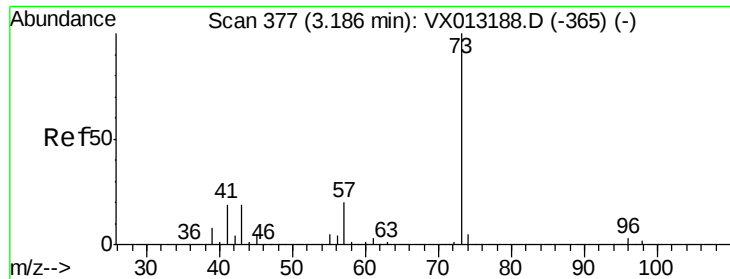
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#18
Methyl Acetate
Concen: 19.117 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 43 Resp: 32387
Ion Ratio Lower Upper
43 100
74 27.6 20.9 31.3





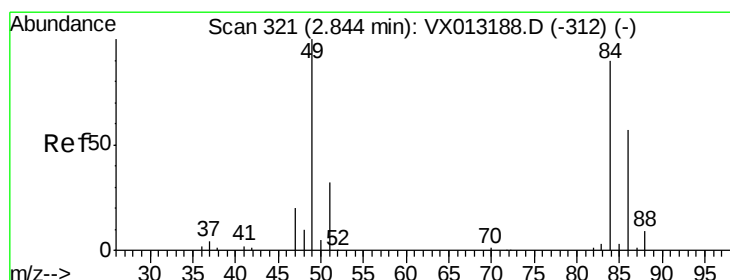
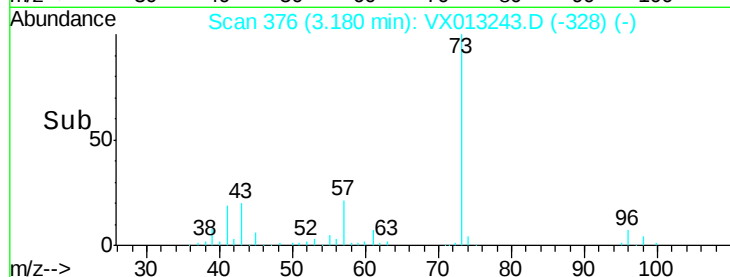
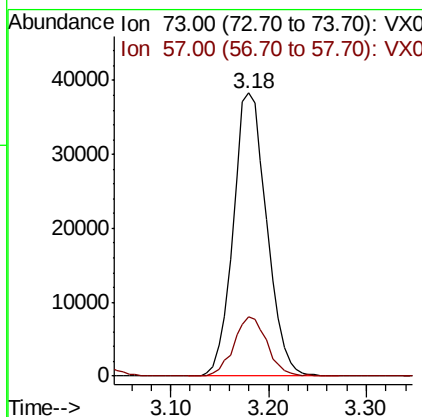
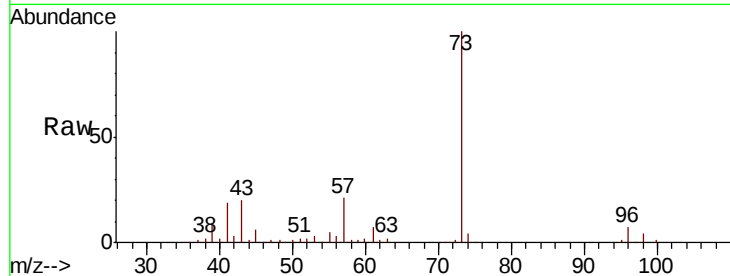
#19
Methyl tert-butyl Ether
Concen: 18.637 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion: 73 Resp: 90931
Ion Ratio Lower Upper
73 100
57 21.1 15.8 23.8

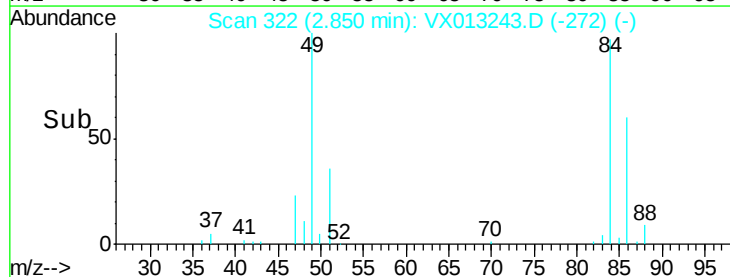
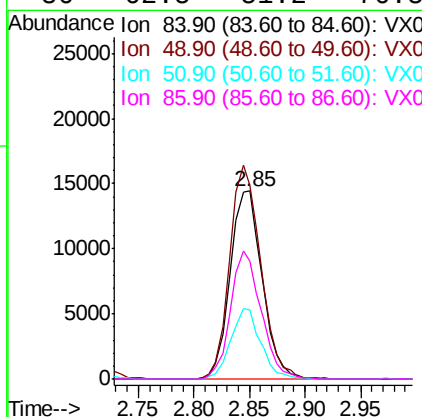
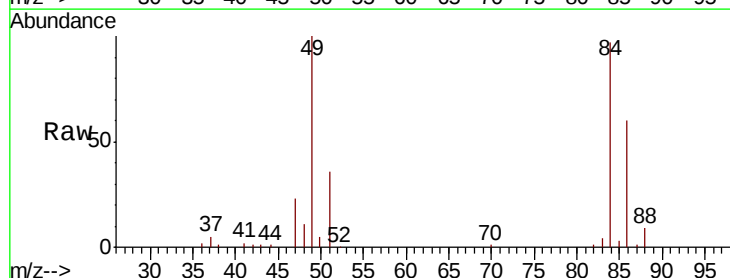
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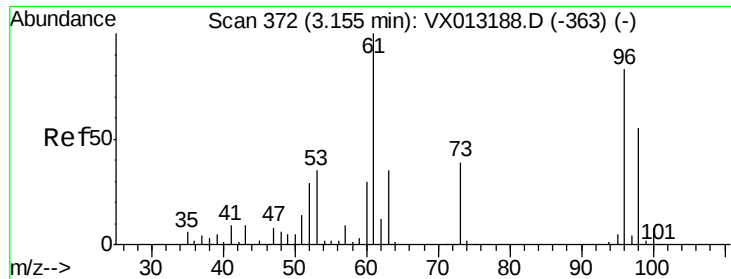
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#20
Methylene Chloride
Concen: 19.406 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 84 Resp: 28818
Ion Ratio Lower Upper
84 100
49 103.3 89.2 133.8
51 36.8 28.8 43.2
86 62.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.445 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 96 Resp: 27609

Ion Ratio Lower Upper

96 100

61 132.4 96.9 145.3

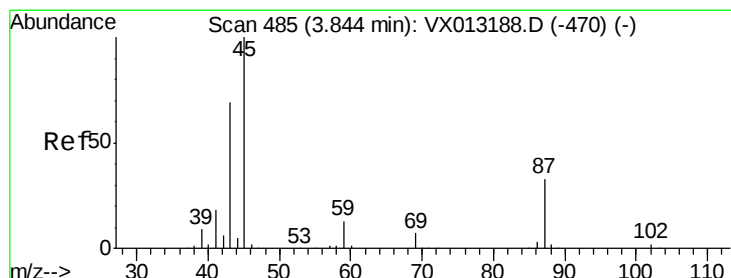
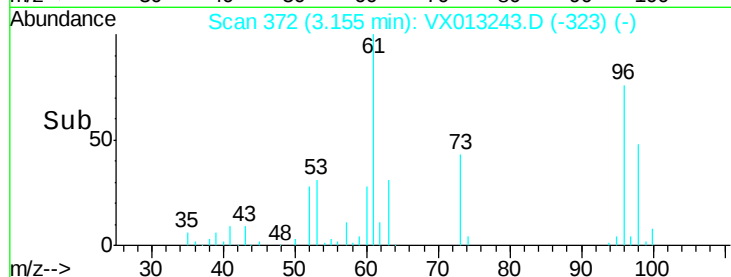
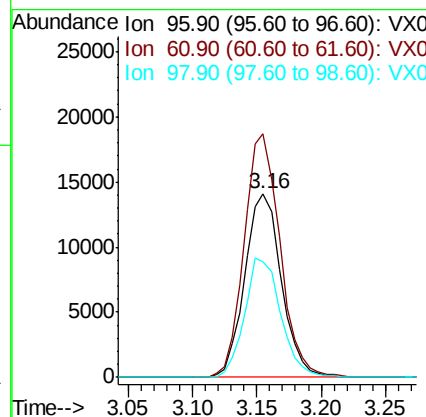
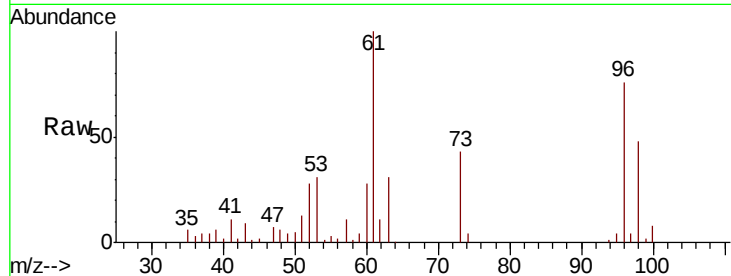
98 63.1 53.0 79.4

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#22

Diisopropyl ether

Concen: 18.370 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Tgt Ion: 45 Resp: 78349

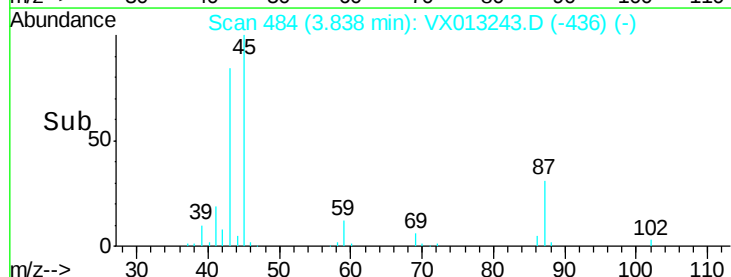
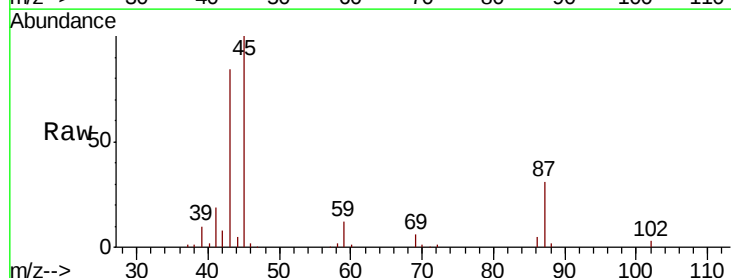
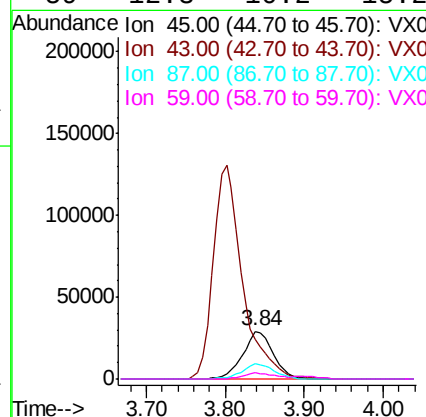
Ion Ratio Lower Upper

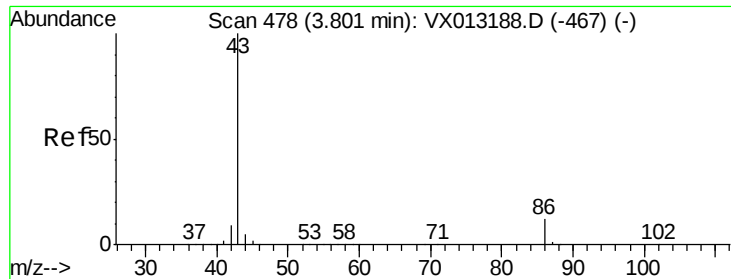
45 100

43 82.4 55.5 83.3

87 31.0 26.7 40.1

59 12.3 10.2 15.2





#23

Vinyl Acetate

Concen: 92.726 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleID :

VX1028WBS01

Tot Ion: 43 Resp: 336137

Ion Ratio Lower Upper

43 100

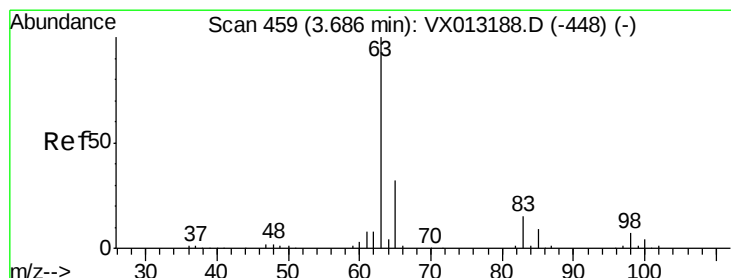
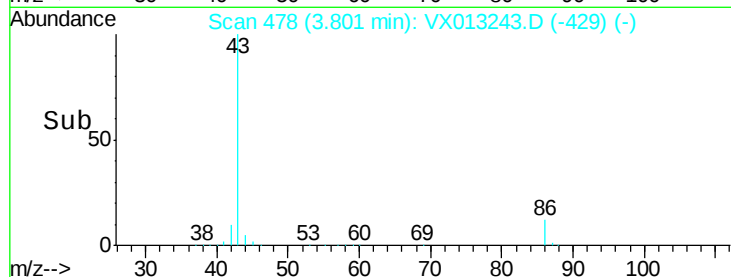
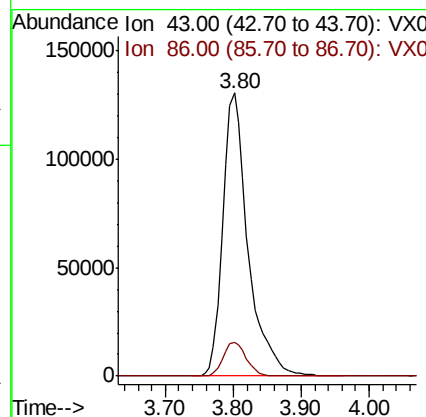
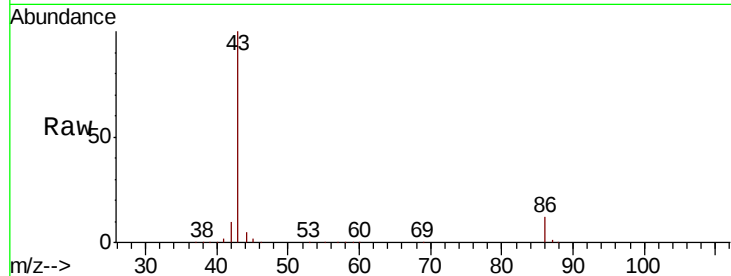
86 11.9 9.7 14.5

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#24

1,1-Dichloroethane

Concen: 18.387 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

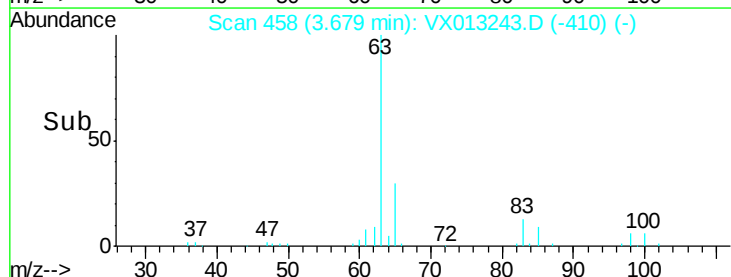
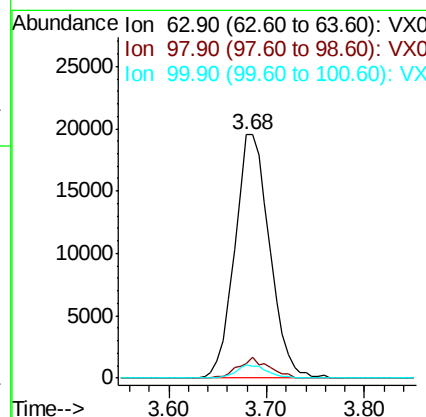
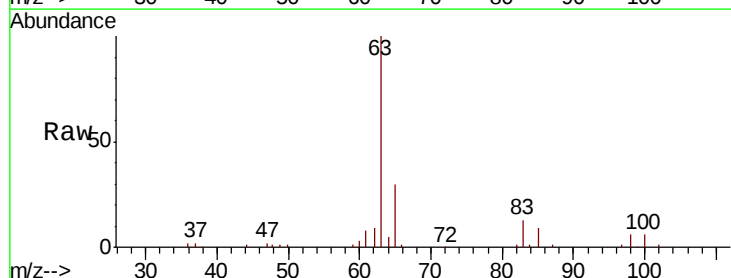
Tgt Ion: 63 Resp: 48235

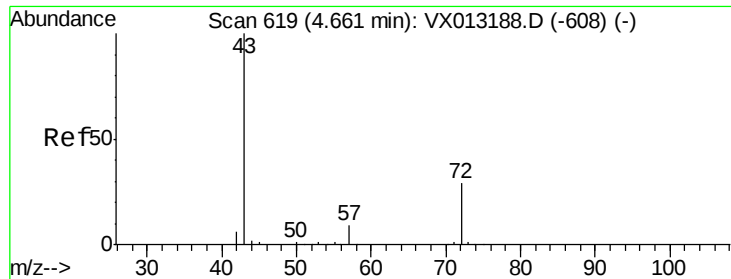
Ion Ratio Lower Upper

63 100

98 6.1 3.8 11.2

100 5.5 2.2 6.6





#25

2-Butanone

Concen: 91.114 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 43 Resp: 97931

Ion Ratio Lower Upper

43 100

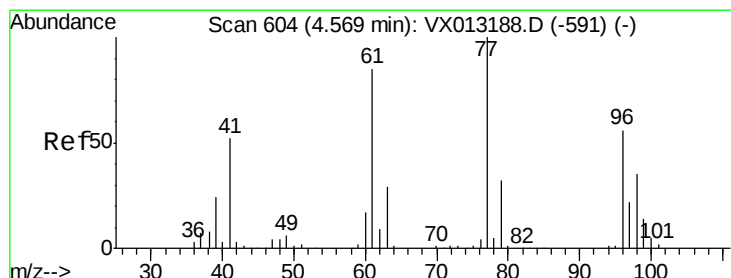
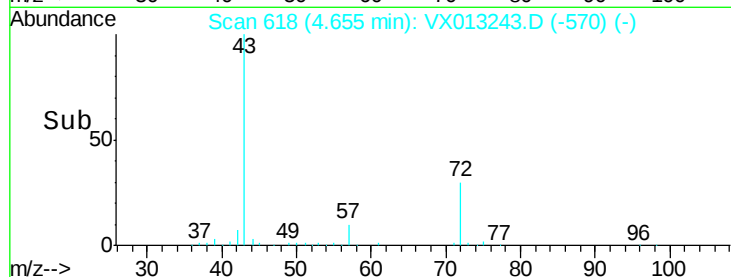
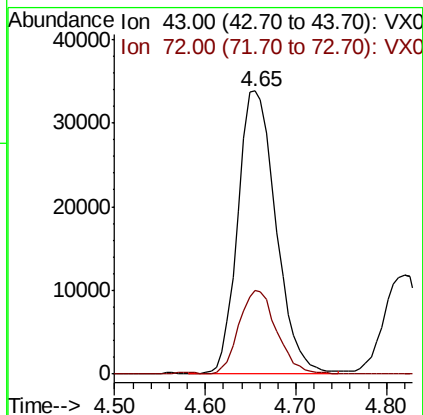
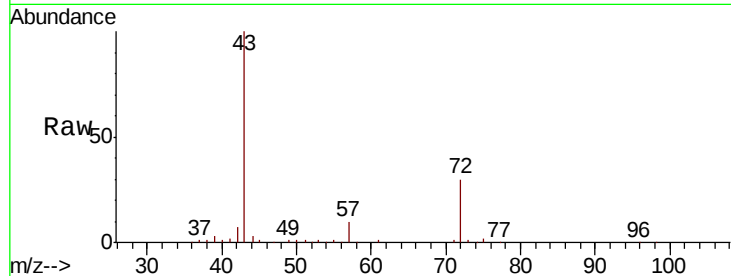
72 29.4 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.076 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013243.D

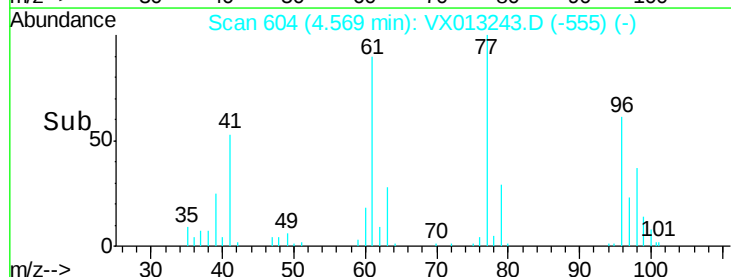
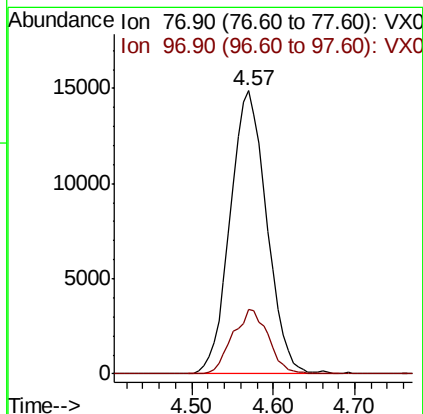
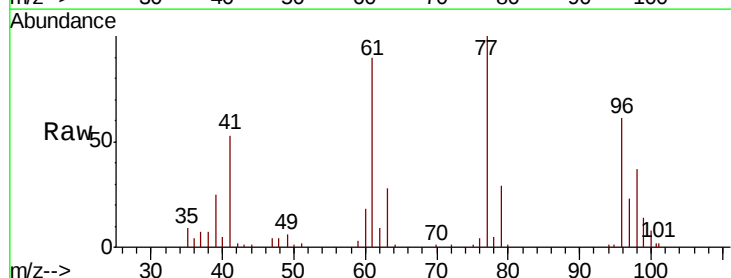
Acq: 28 Oct 2019 13:20

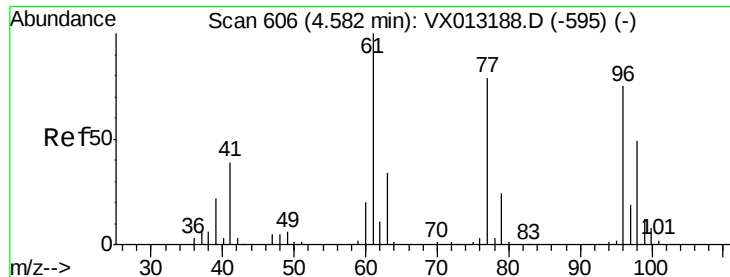
Tgt Ion: 77 Resp: 46250

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.6





#27

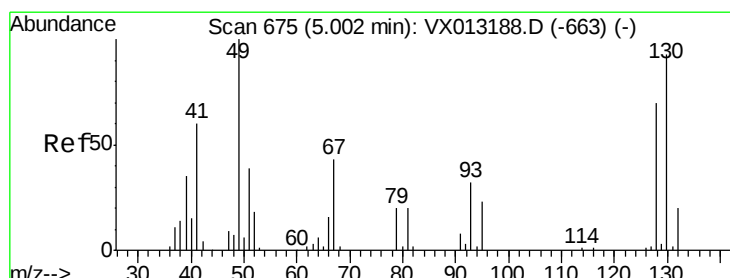
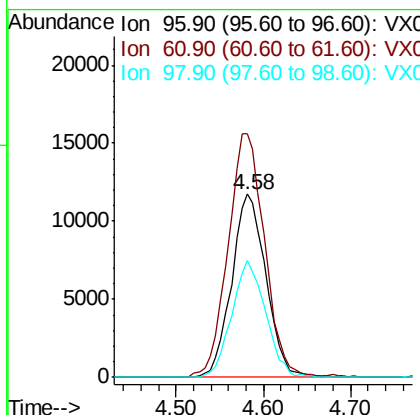
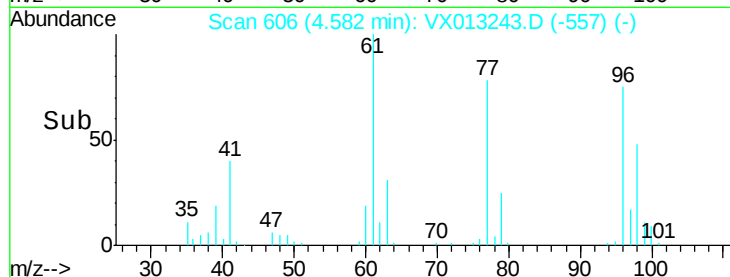
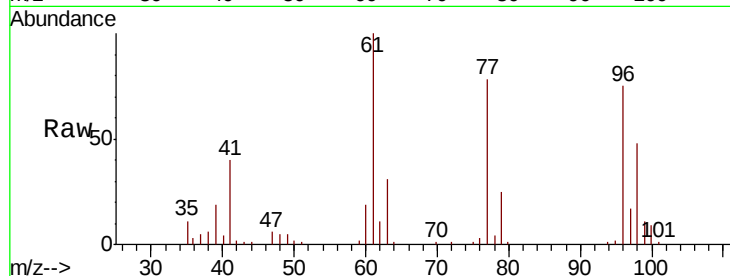
cis-1,2-Dichloroethene
Concen: 18.921 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	32106		
61	141.0		0.0	290.4
98	62.6		0.0	130.4

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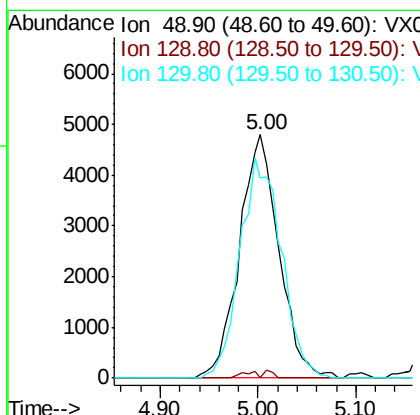
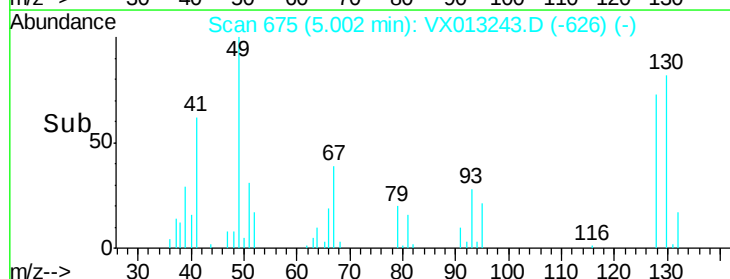
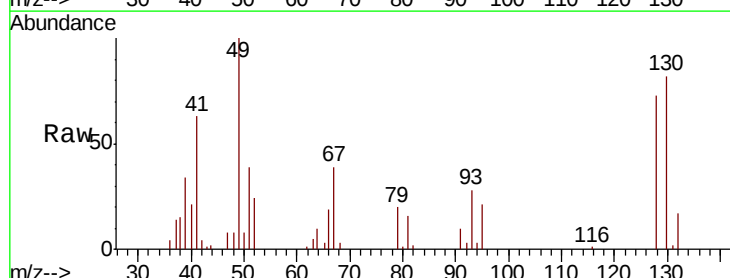
MMDadoda
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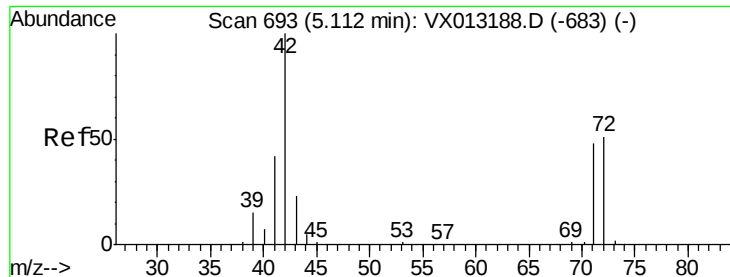


#28

Bromochloromethane
Concen: 19.894 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	13457		
129	0.7		0.0	4.8
130	0.0		71.8	107.8#





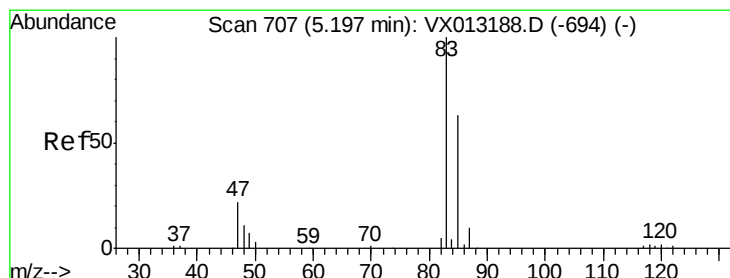
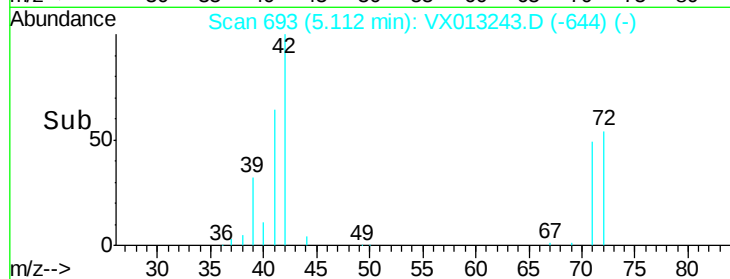
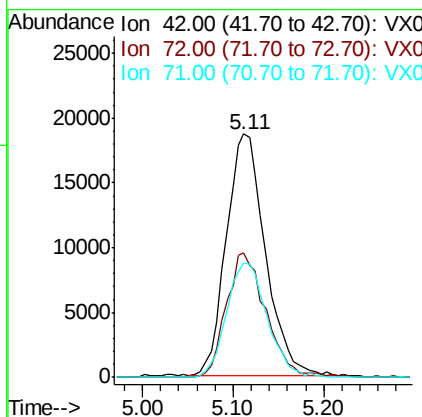
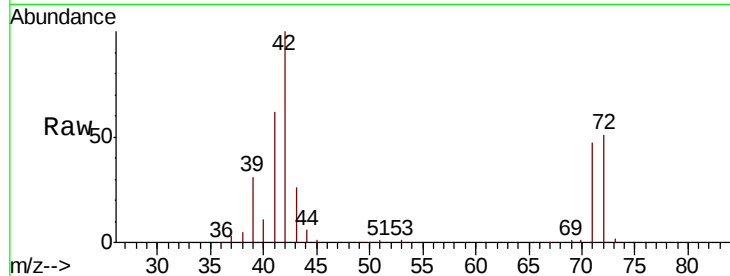
#29
Tetrahydrofuran
Concen: 86.824 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.3	40.9	61.3
71	49.2	38.6	57.8

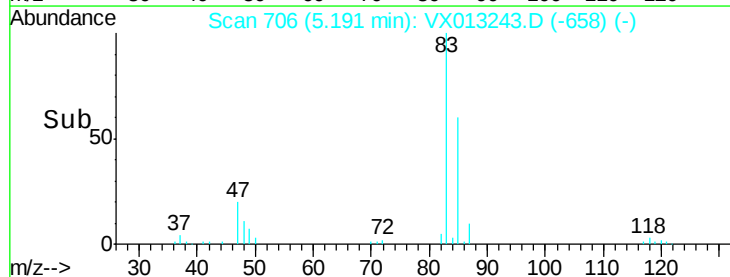
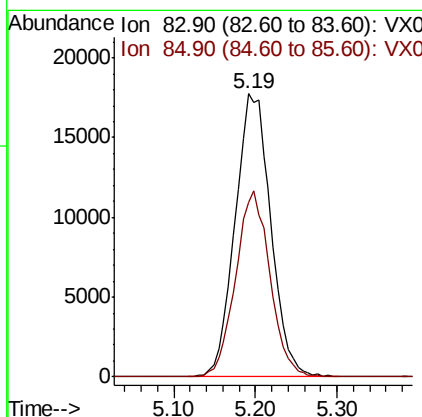
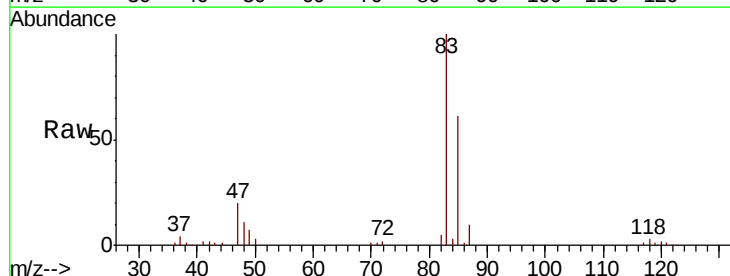
Manual Integrations
APPROVED

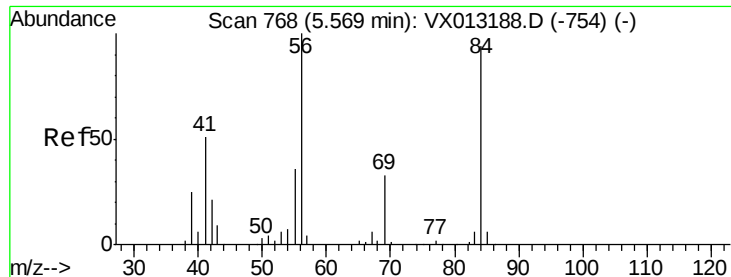
MMDadoda
10/30/2019 12:07:37 PM



#30
Chloroform
Concen: 19.301 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.1	75.1





#31

Cyclohexane

Concen: 18.387 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

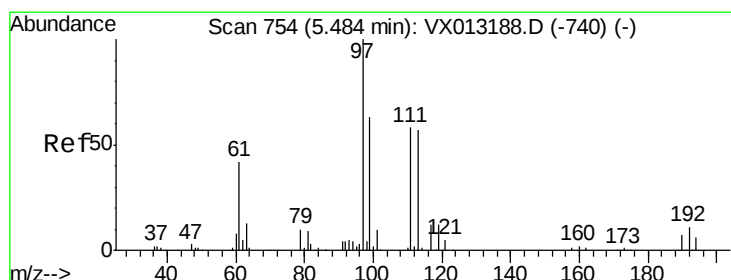
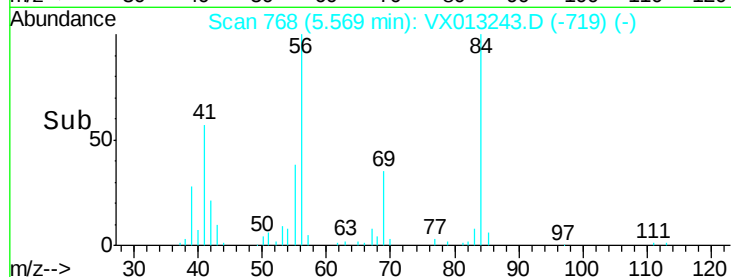
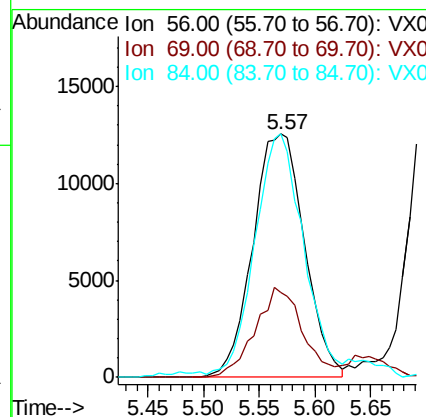
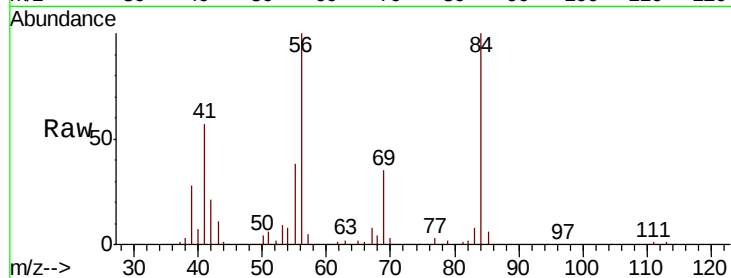
ClientSampleId :

VX1028WBS01

Tot Ion:	56	Resp:	40451
Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.3	39.5
84	98.1	73.8	110.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.753 ug/l

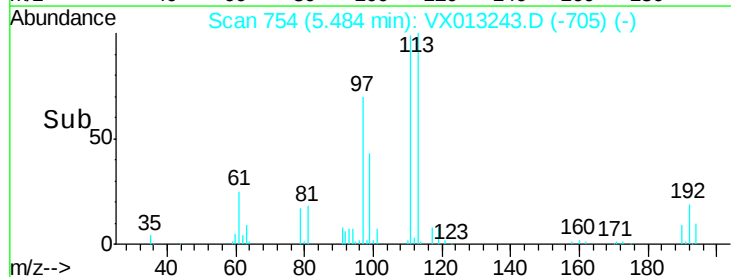
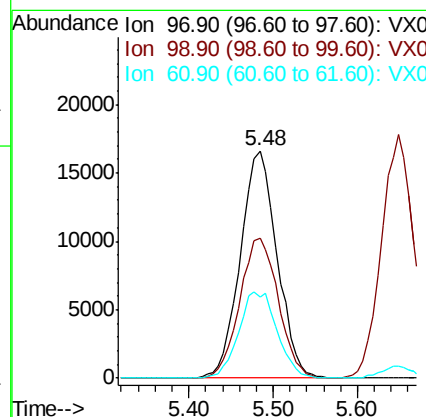
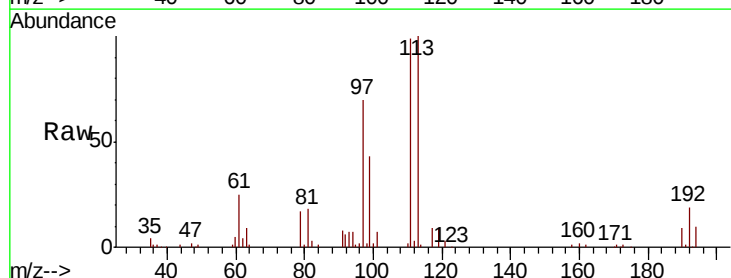
RT: 5.48 min Scan# 754

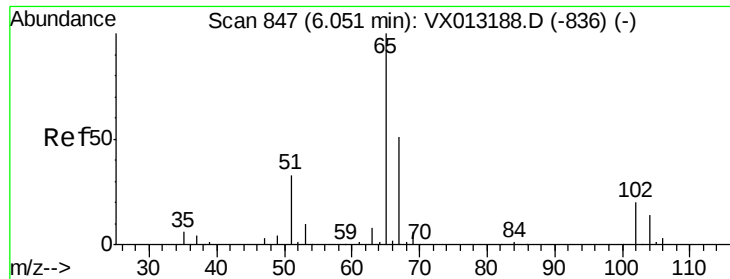
Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Tgt Ion:	97	Resp:	49055
Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.8	76.2
61	39.7	32.8	49.2





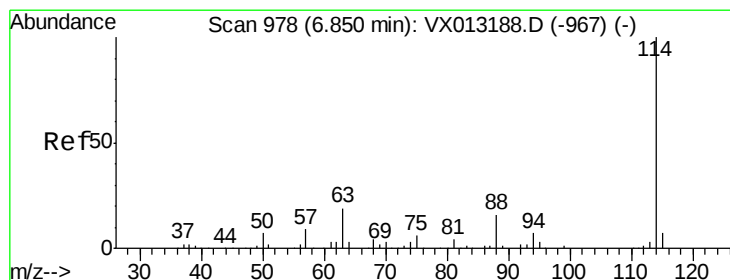
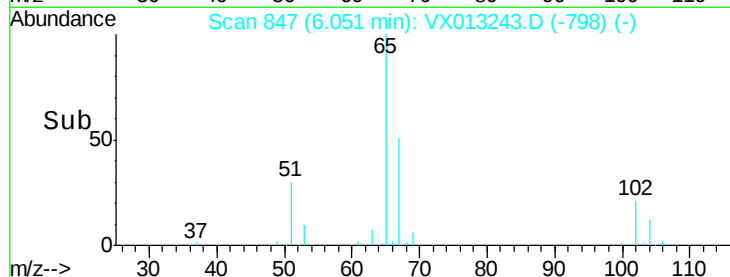
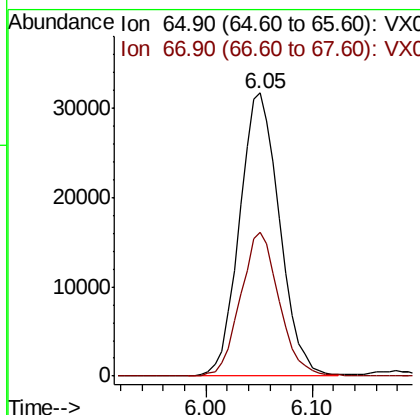
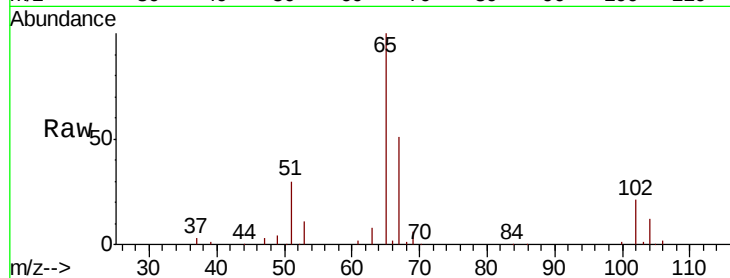
#33
 1,2-Dichloroethane-d4
 Concen: 49.175 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	83653		
67	49.1	0.0	102.6	

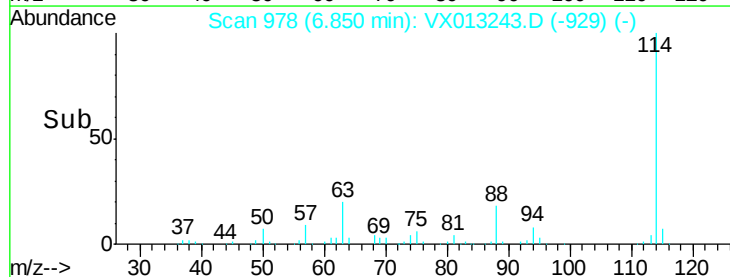
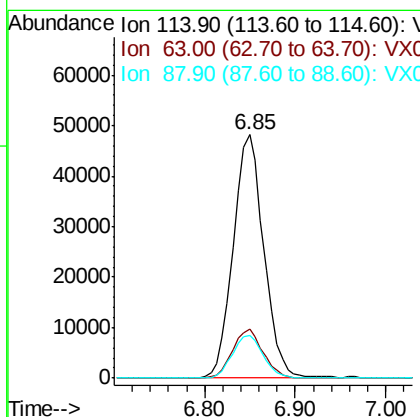
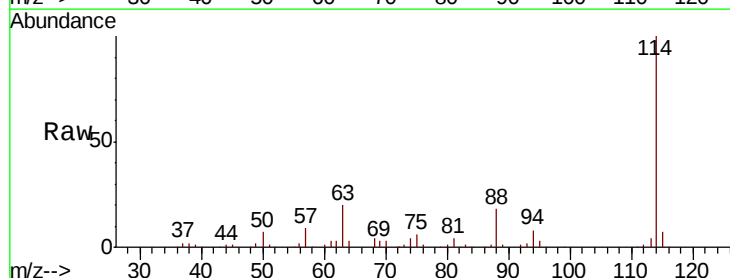
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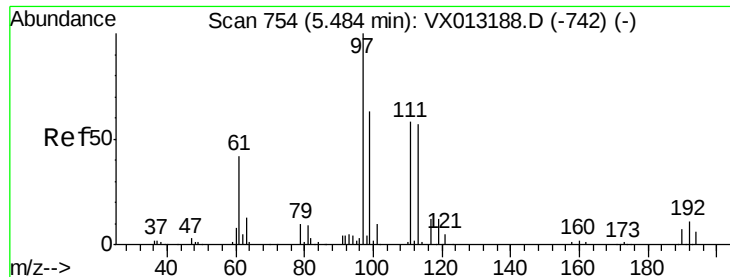
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	112942		
63	20.2	0.0	39.0	
88	17.8	0.0	32.0	





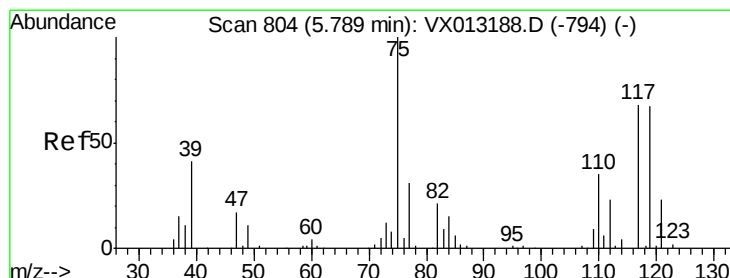
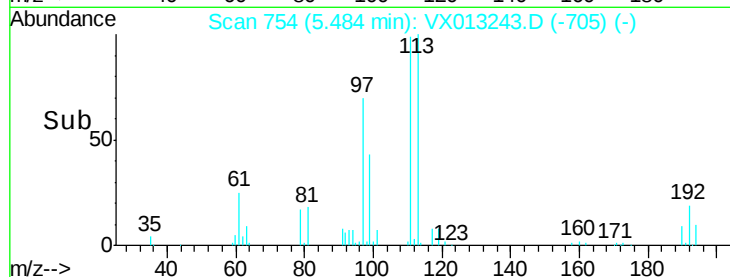
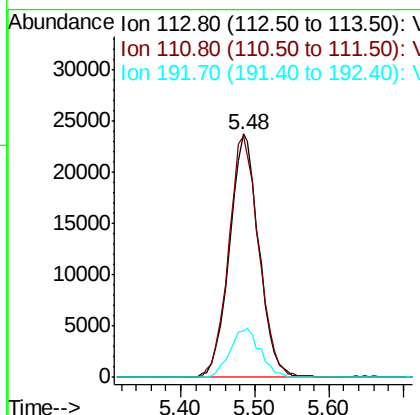
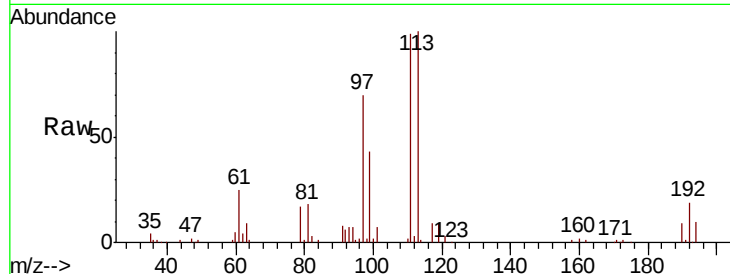
#35
 Dibromofluoromethane
 Concen: 52.194 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	65736		
111	101.2		80.3	120.5
192	20.6		15.9	23.9

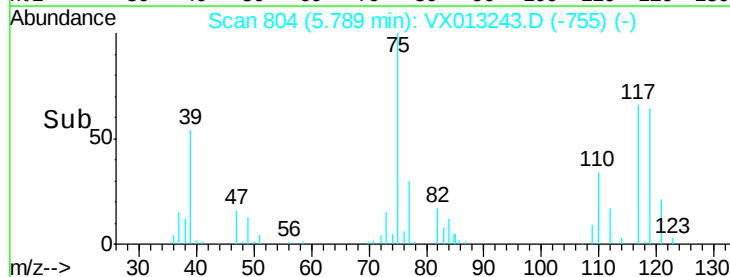
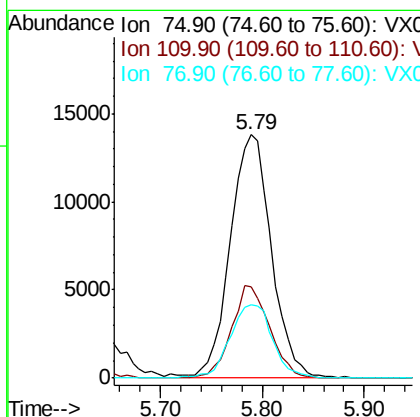
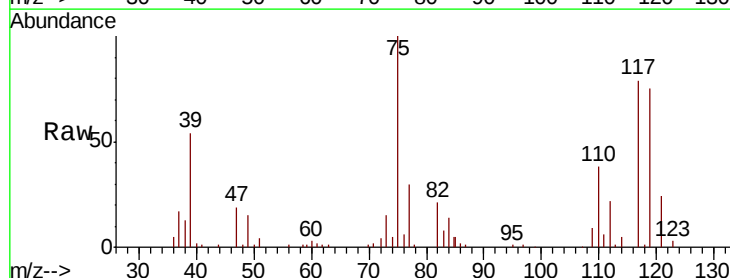
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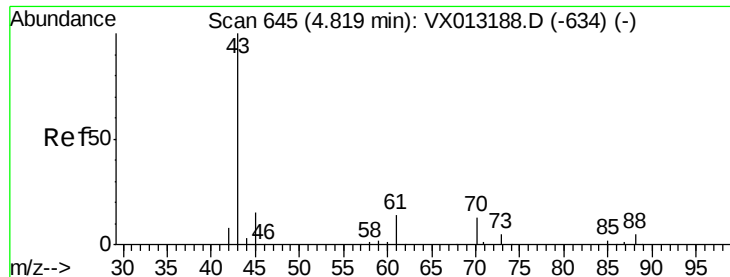
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#36
 1,1-Dichloropropene
 Concen: 20.358 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38574		
110	35.2		17.6	52.9
77	31.3		24.7	37.1





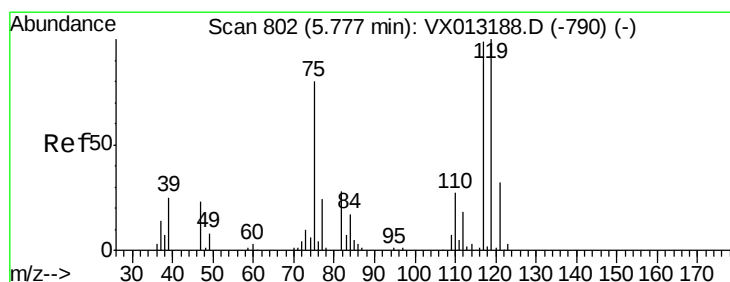
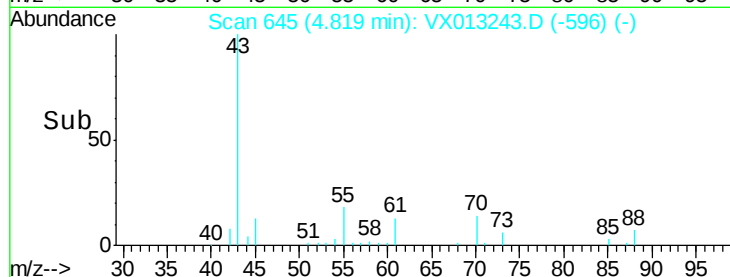
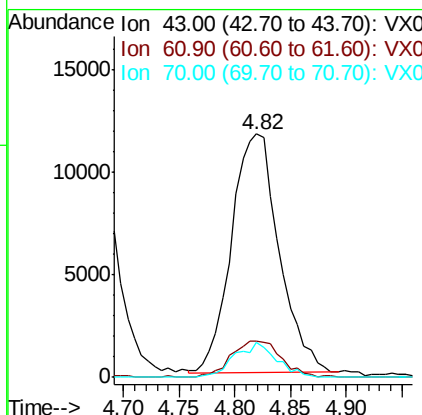
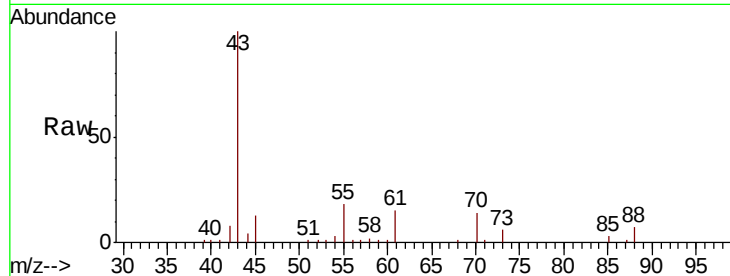
#37
Ethyl Acetate
Concen: 18.377 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.1	18.1
70	12.7	10.4	15.6

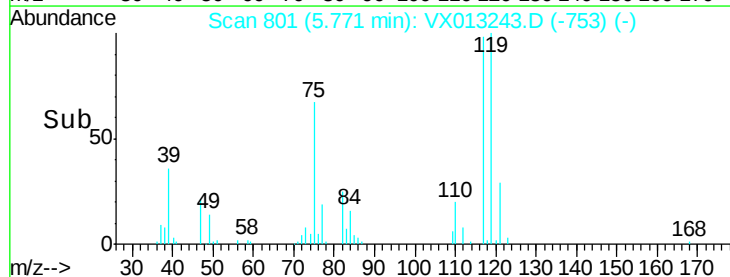
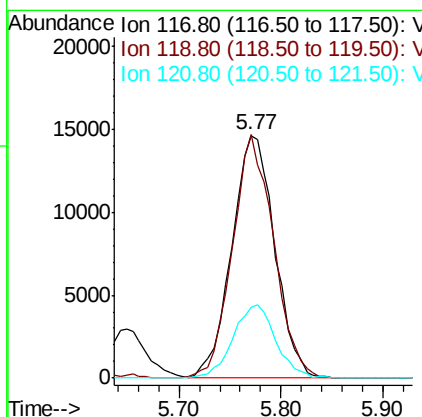
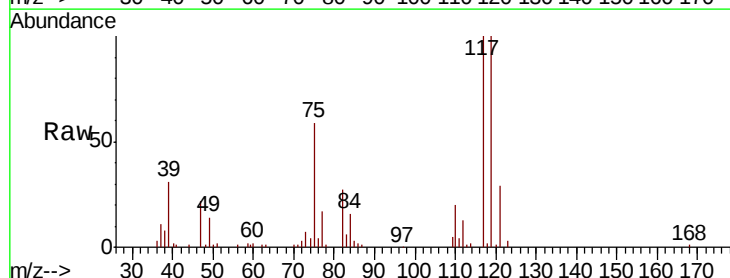
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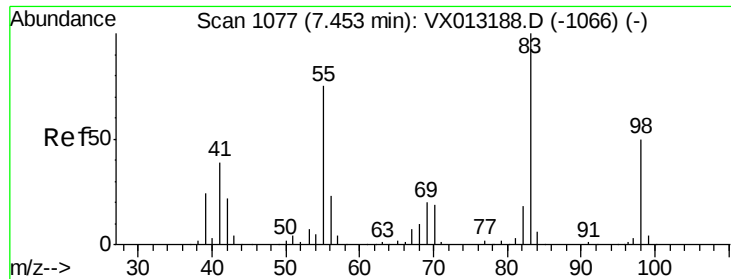
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#38
Carbon Tetrachloride
Concen: 20.459 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	80.1	120.1
121	29.0	25.5	38.3





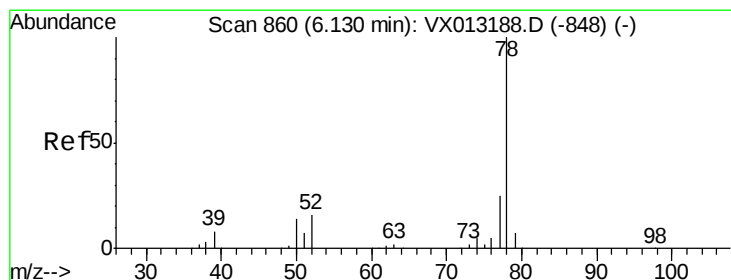
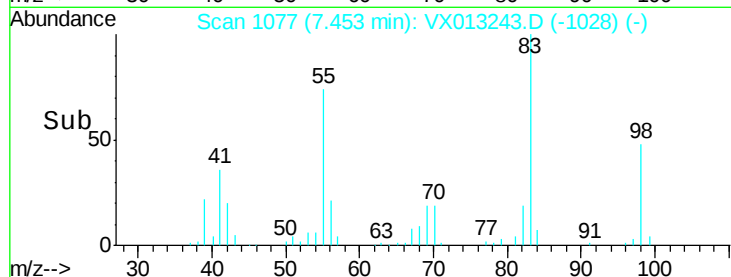
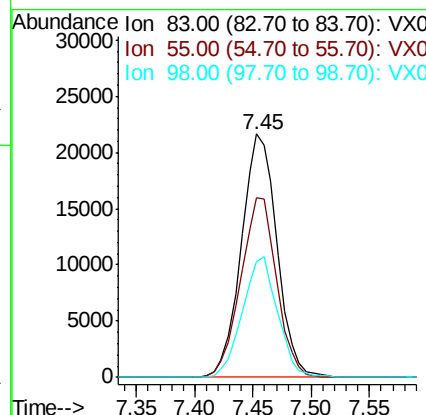
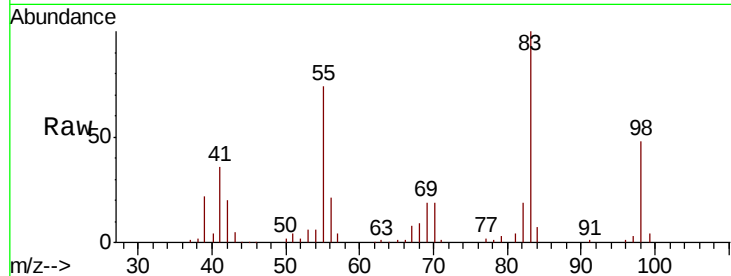
#39
Methvlcvclohexane
Concen: 19.097 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	83	Resp	46173
Ion Ratio	Lower	Upper	
83	100		
55	73.6	60.1	90.1
98	47.6	39.8	59.8

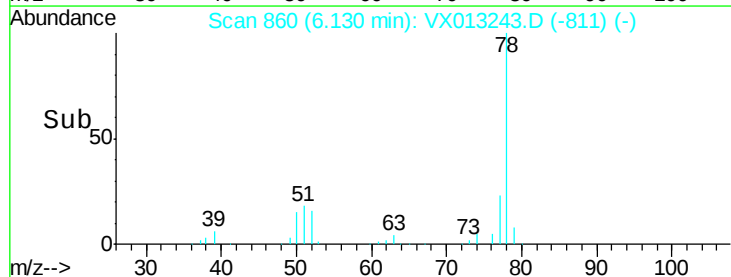
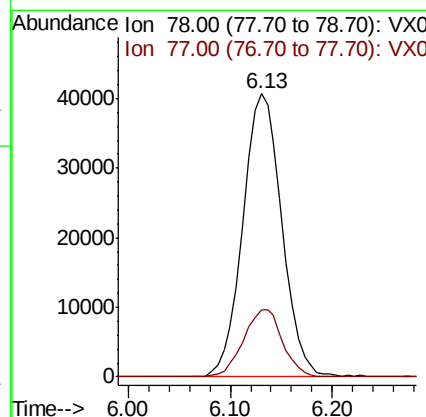
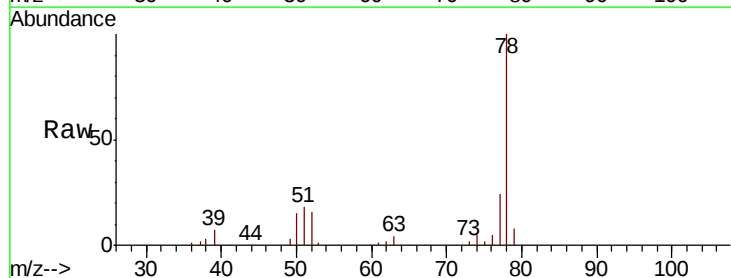
Manual Integrations
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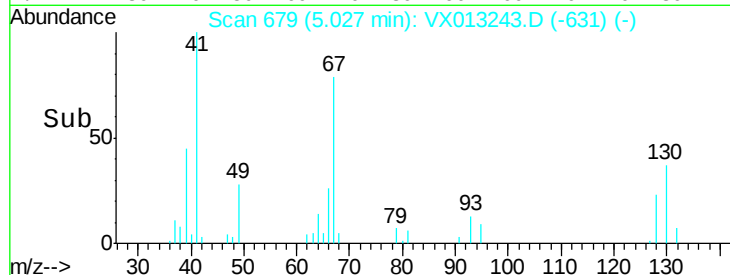
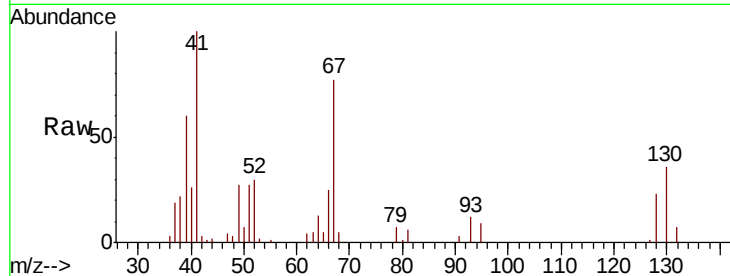
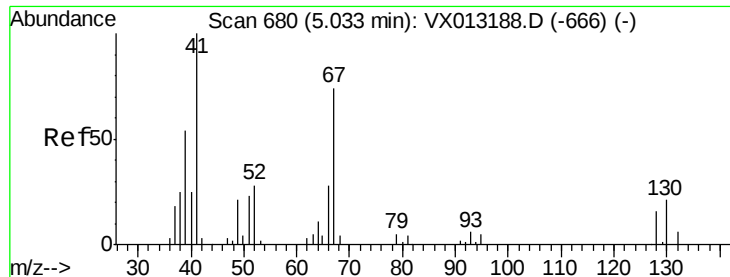
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#40
Benzene
Concen: 19.043 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

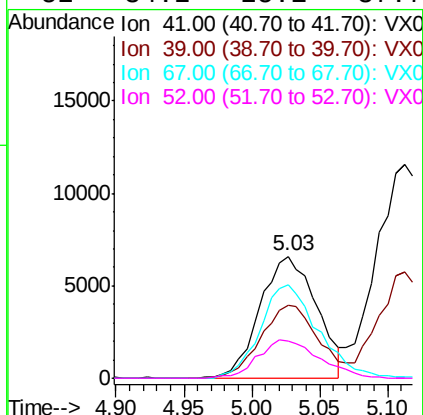
Tgt Ion	78	Resp	108029
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.6	29.4





#41
Methacrylonitrile
Concen: 18.973 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

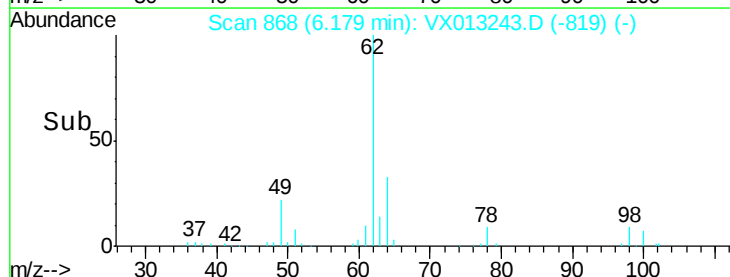
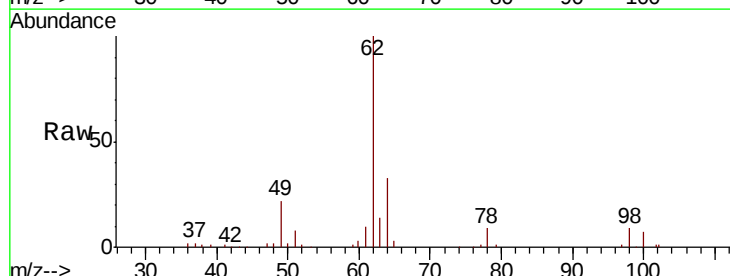
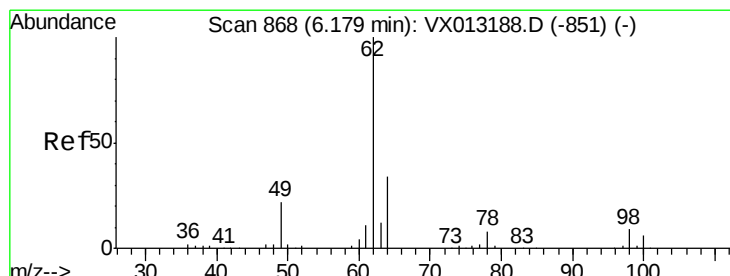
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.4	45.2	67.8	
67	78.7	61.3	91.9	
52	34.2	25.1	37.7	



Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

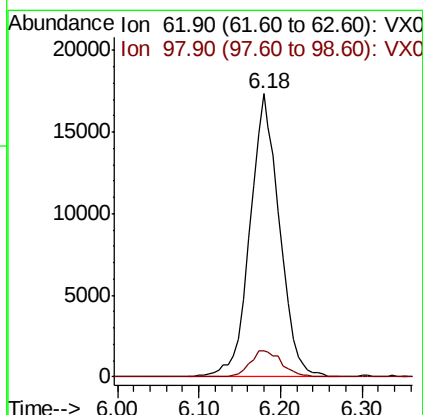
Manual Integrations
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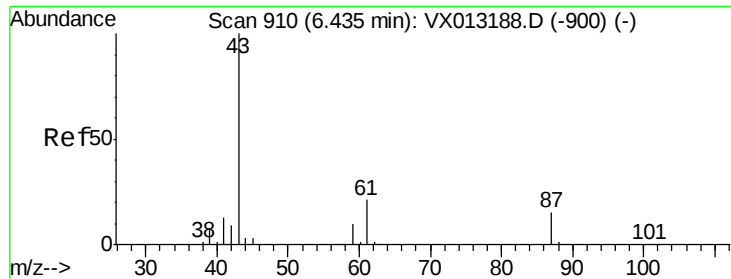
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.444 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	18.4	





#43

Isopropyl Acetate

Concen: 19.242 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

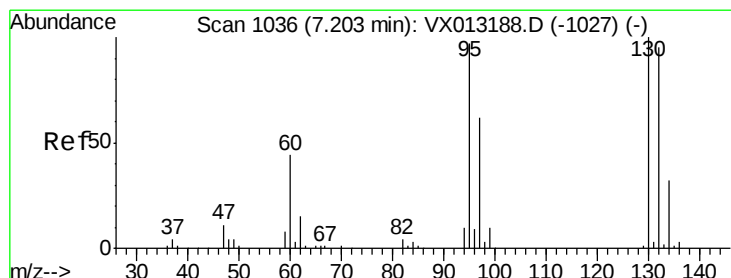
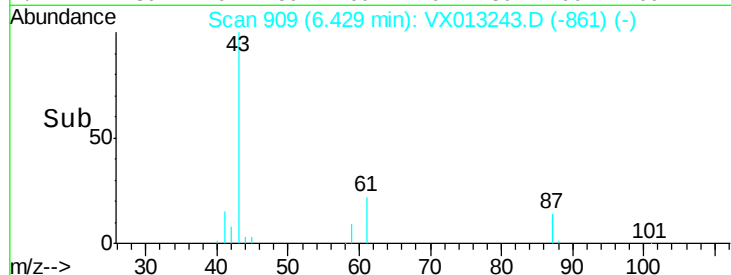
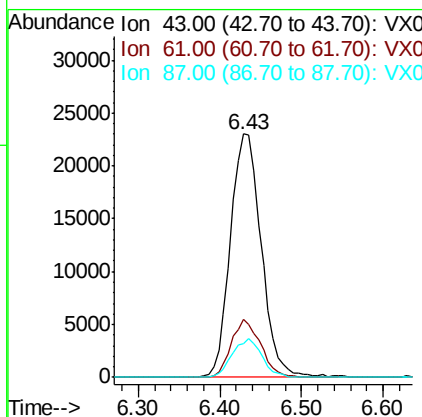
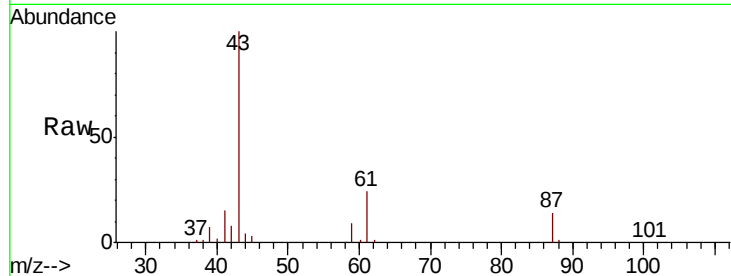
ClientSampleId :

VX1028WBS01

Tot Ion:	43	Resp:	60130
Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.0	25.4
87	15.4	12.1	18.1

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#44

Trichloroethene

Concen: 19.332 ug/l

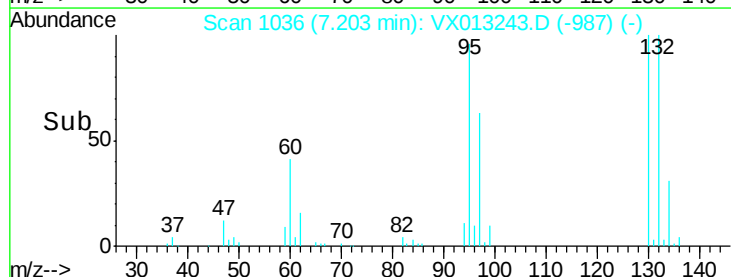
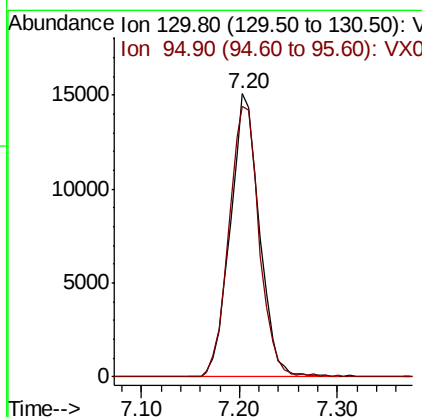
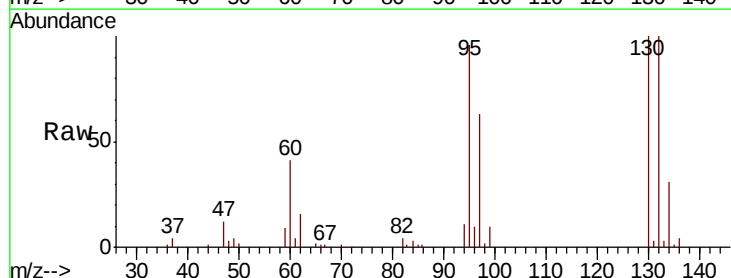
RT: 7.20 min Scan# 1036

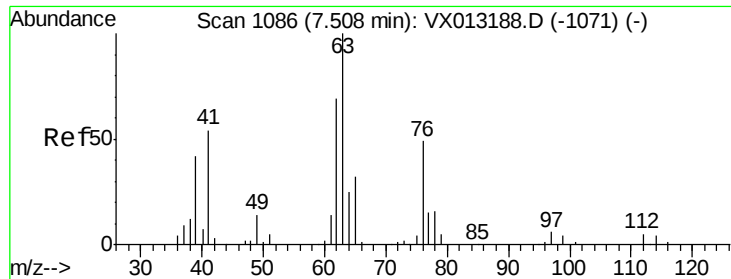
Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Tgt Ion:	130	Resp:	31126
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	193.6





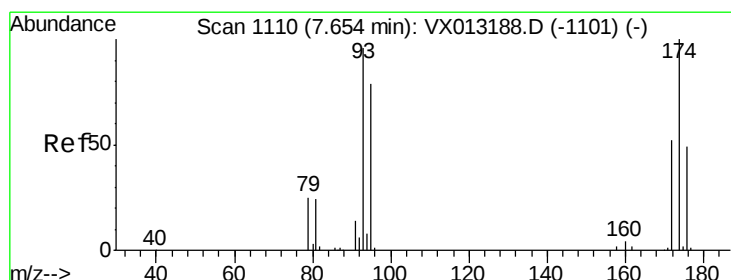
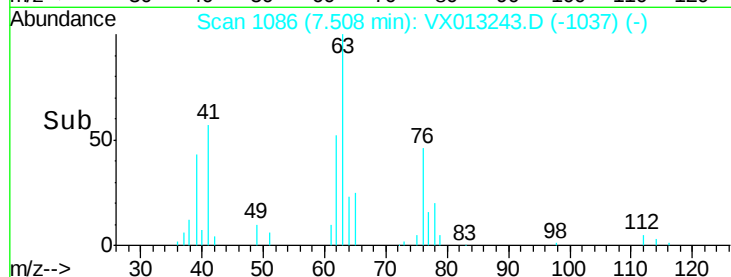
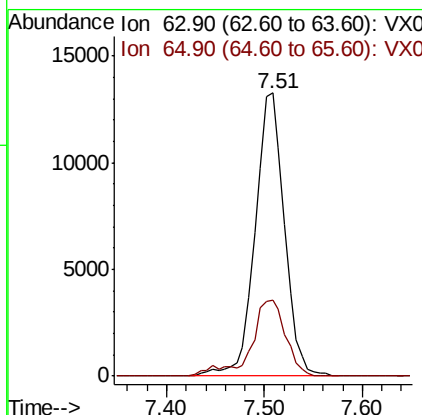
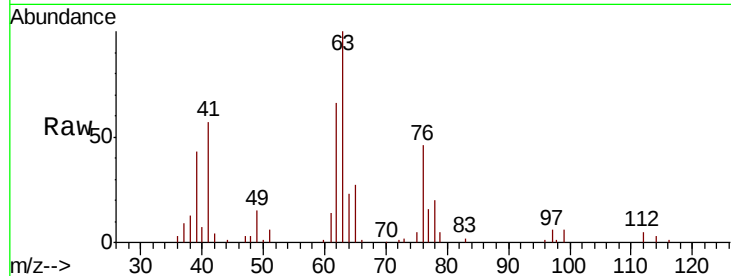
#45
 1,2-Dichloropropane
 Concen: 19.385 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion: 63 Resp: 27543
 Ion Ratio Lower Upper
 63 100
 65 27.0 25.3 37.9

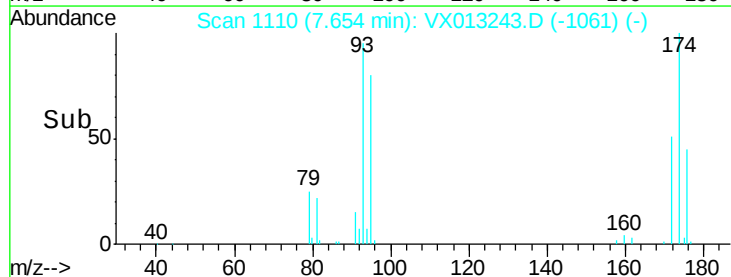
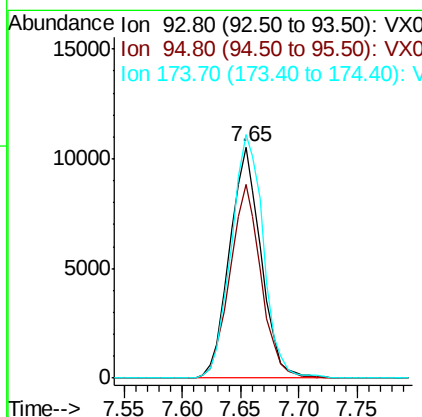
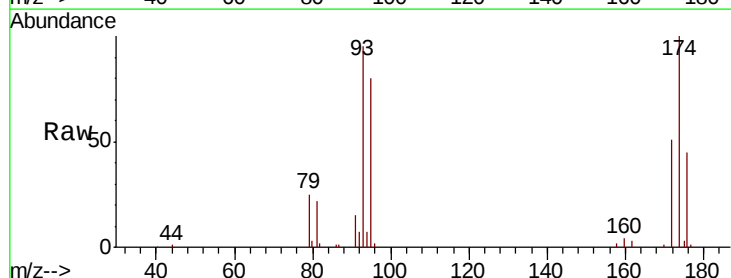
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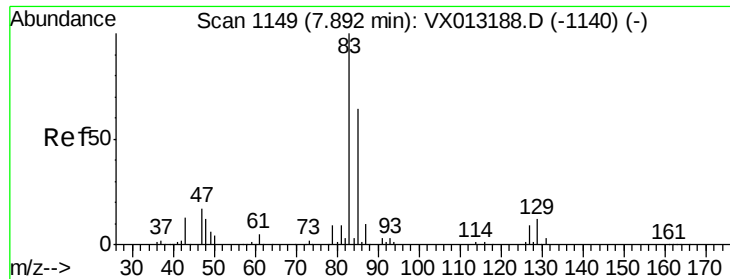
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#46
 Dibromomethane
 Concen: 19.318 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion: 93 Resp: 19776
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.4
 174 108.3 85.2 127.8





#47

Bromodichloromethane

Concen: 20.166 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

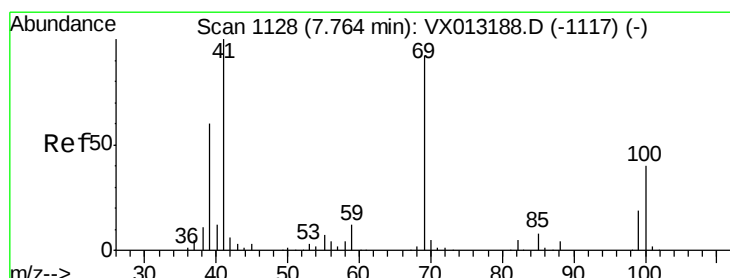
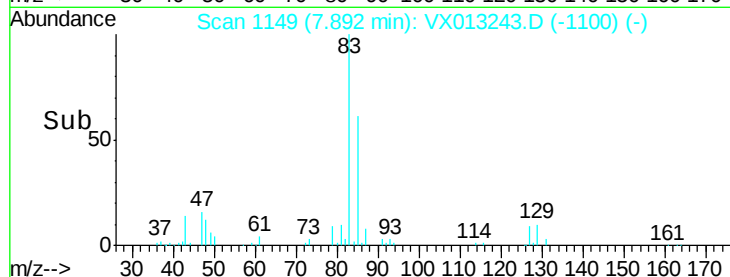
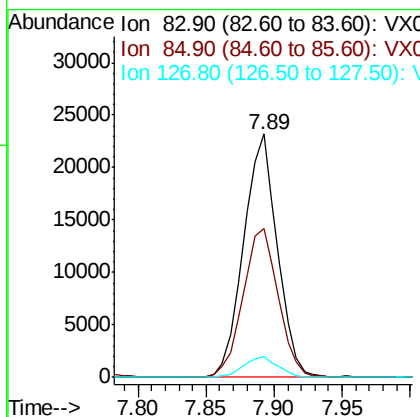
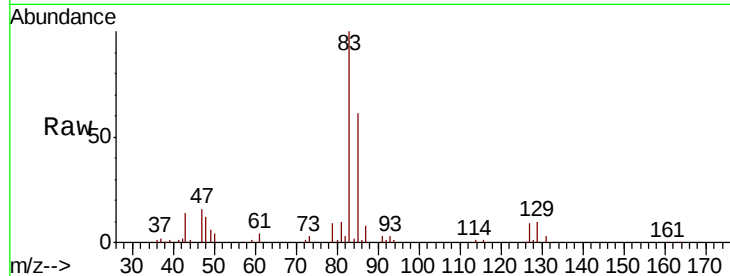
ClientSampleId :

VX1028WBS01

Tot Ion:	83	Resp:	40231
Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.0	76.6
127	8.8	7.2	10.8

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#48

Methyl methacrylate

Concen: 19.106 ug/l

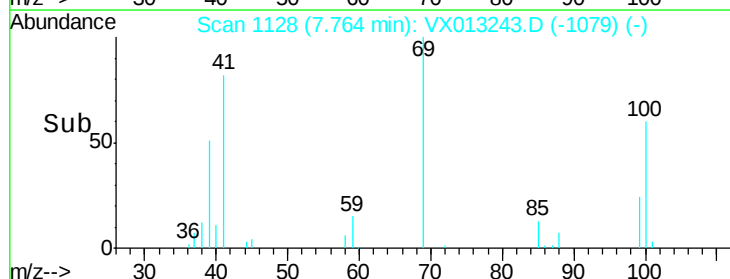
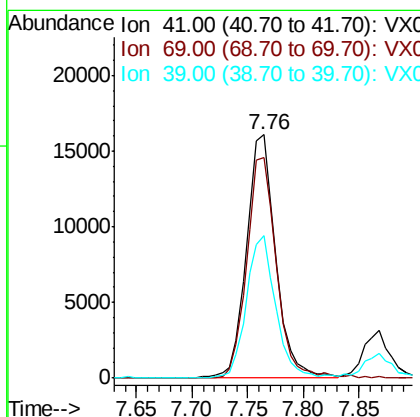
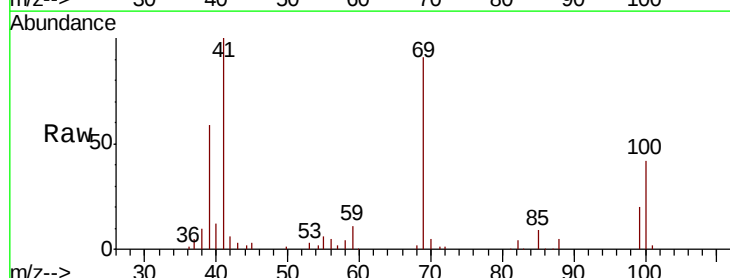
RT: 7.76 min Scan# 1128

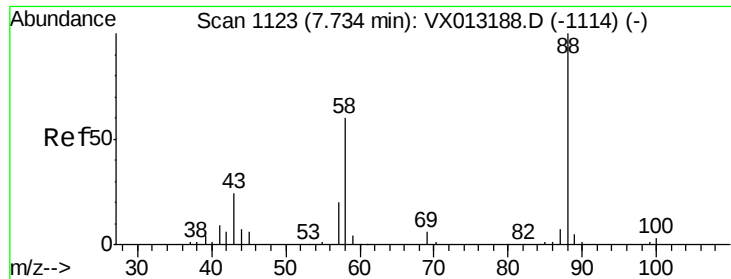
Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Tgt Ion:	41	Resp:	29508
Ion	Ratio	Lower	Upper
41	100		
69	91.8	72.0	108.0
39	58.3	47.4	71.0





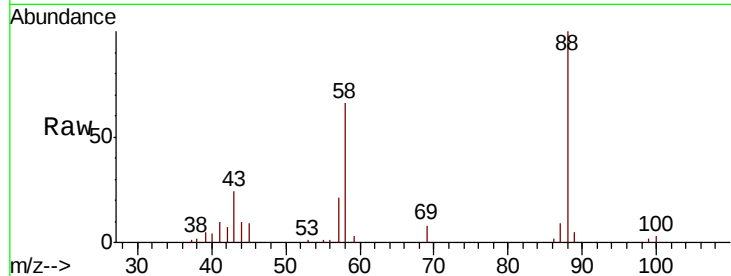
#49
1,4-Dioxane
Concen: 384.241 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

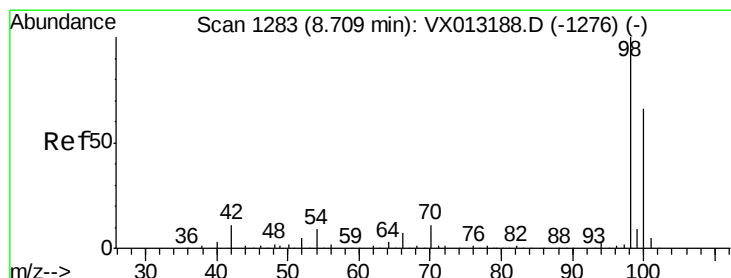
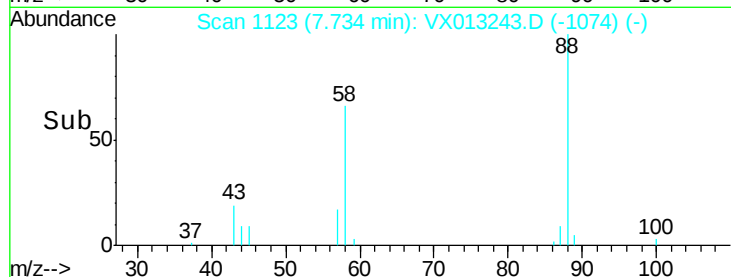
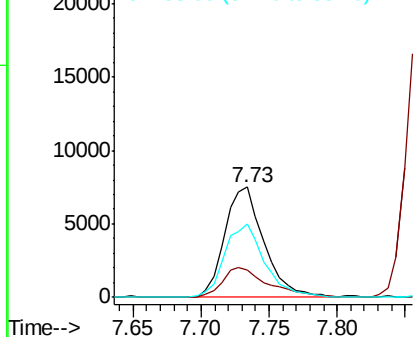
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	24.5	36.7
58	67.6	54.1	81.1

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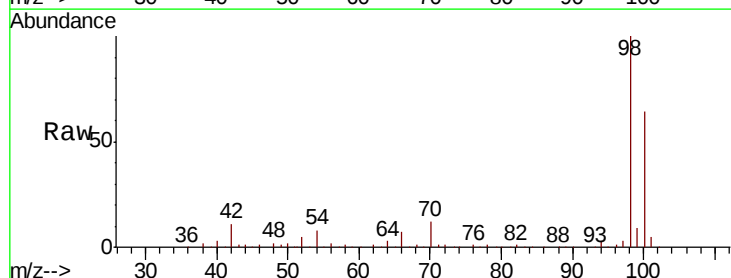


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

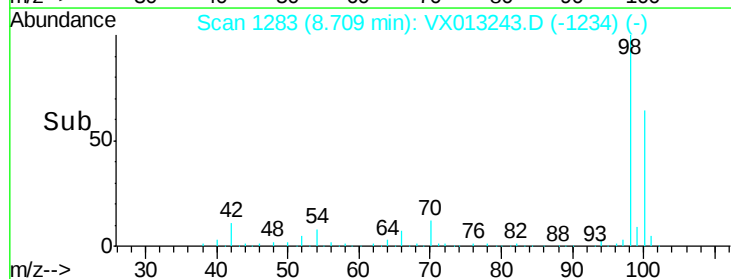
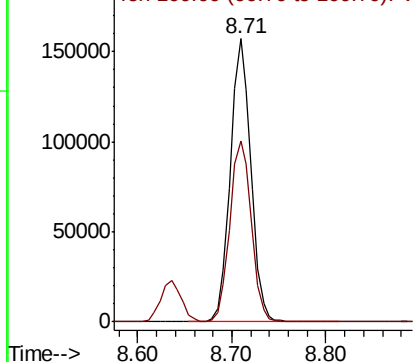


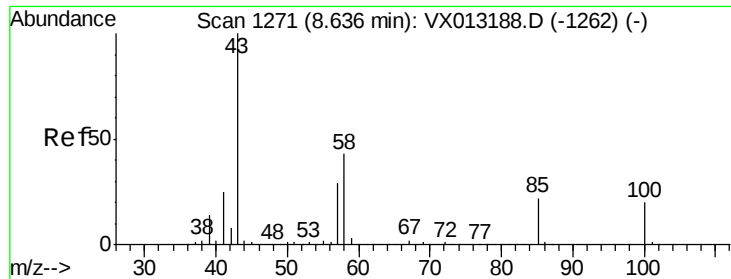
#50
Toluene-d8
Concen: 50.815 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.3	79.9



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





#51

4-Methyl-2-Pentanone

Concen: 95.628 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 43 Resp: 182142

Ion Ratio Lower Upper

43 100

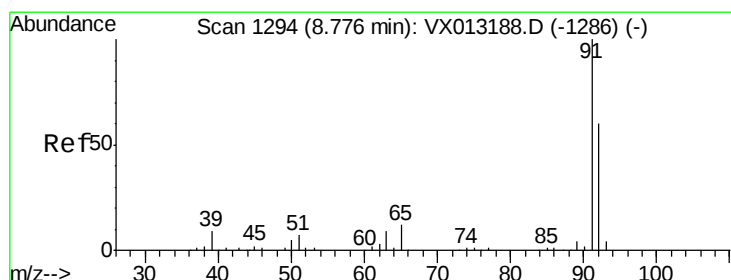
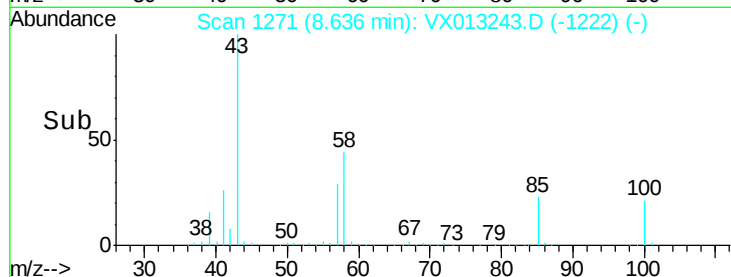
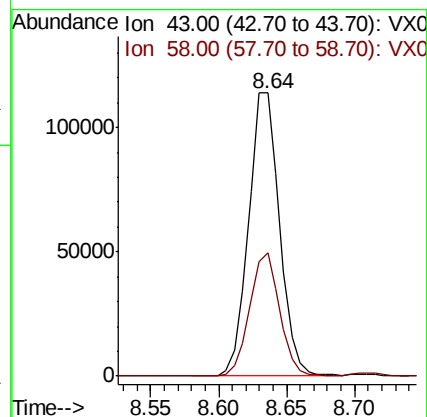
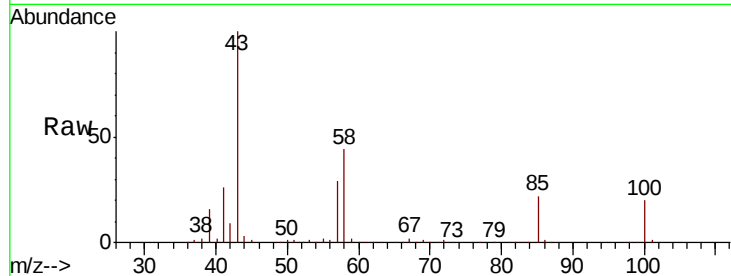
58 42.2 33.9 50.9

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#52

Toluene

Concen: 19.324 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX013243.D

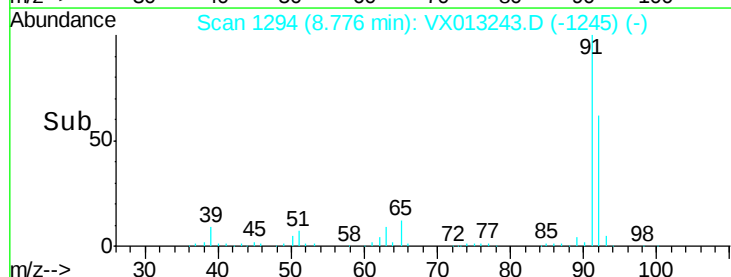
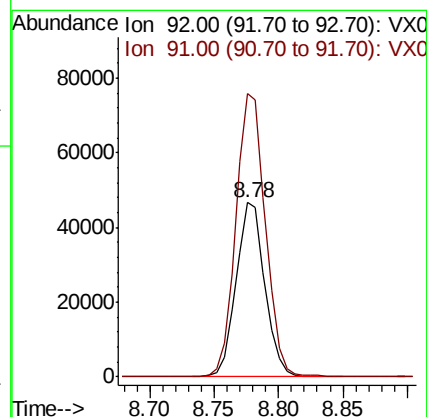
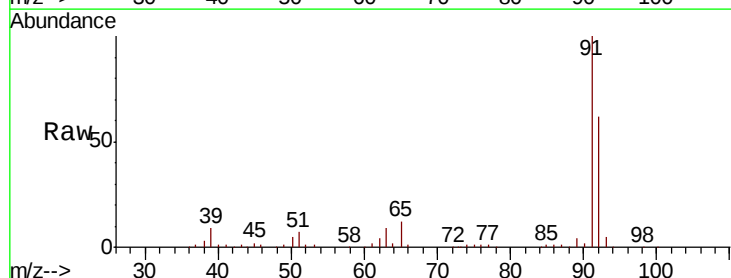
Acq: 28 Oct 2019 13:20

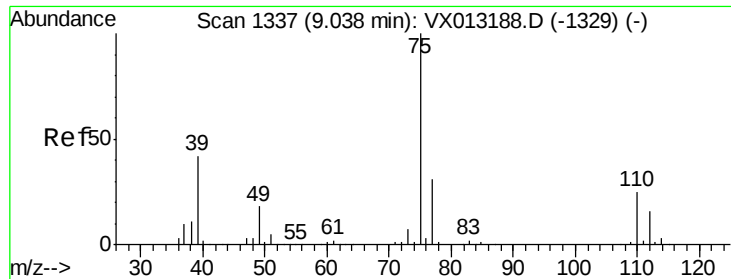
Tgt Ion: 92 Resp: 72648

Ion Ratio Lower Upper

92 100

91 166.8 133.9 200.9





#53

t-1,3-Dichloropropene

Concen: 20.195 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 75 Resp: 42813

Ion Ratio Lower Upper

75 100

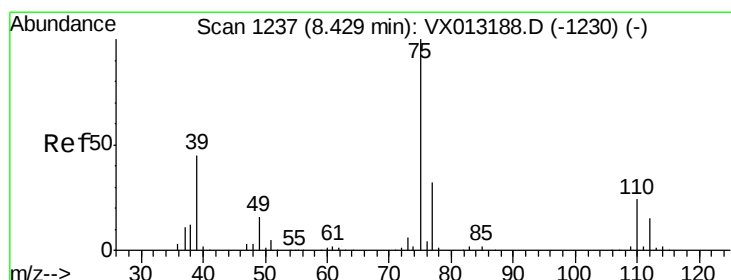
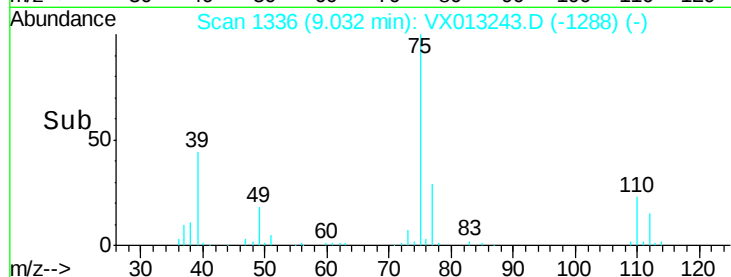
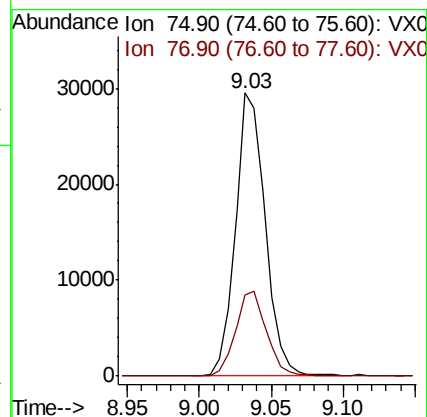
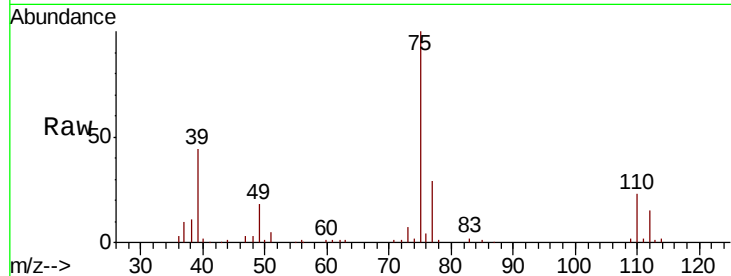
77 28.8 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 19.880 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

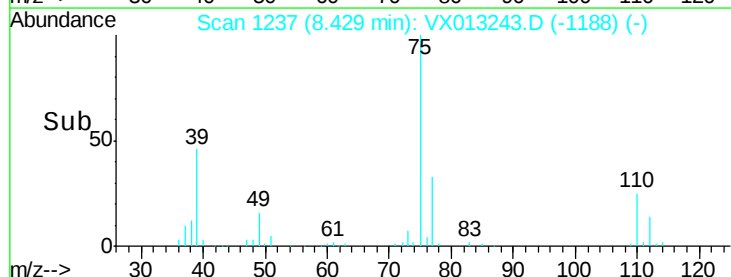
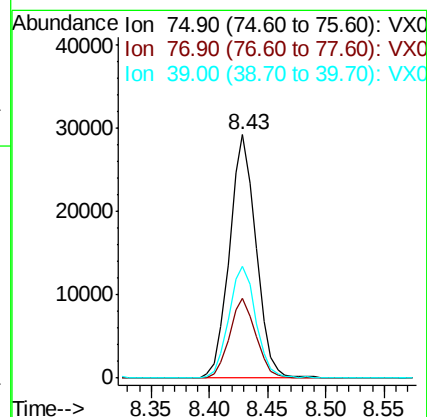
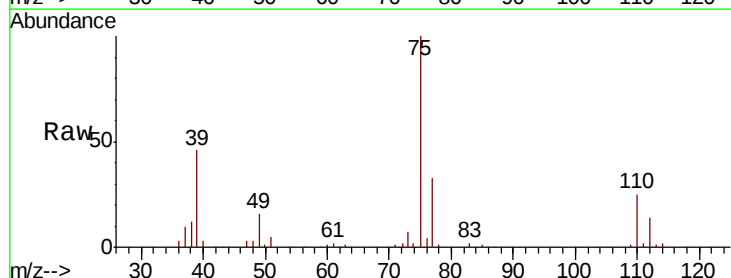
Tgt Ion: 75 Resp: 46105

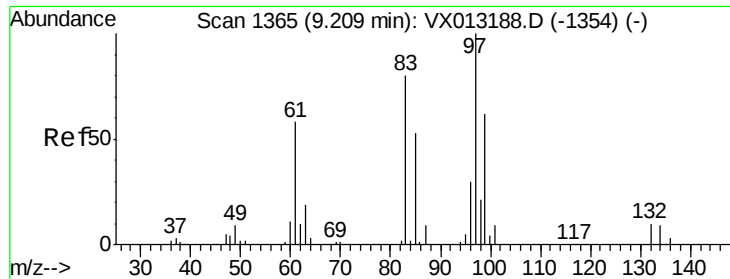
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

39 45.9 36.2 54.4





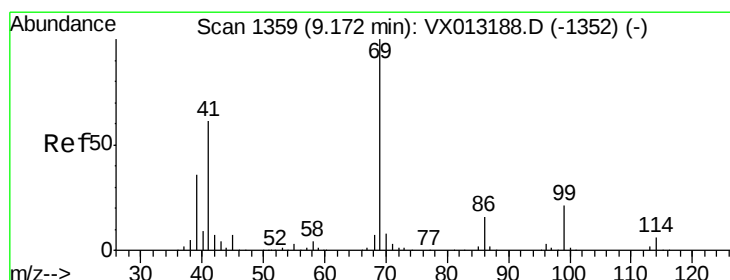
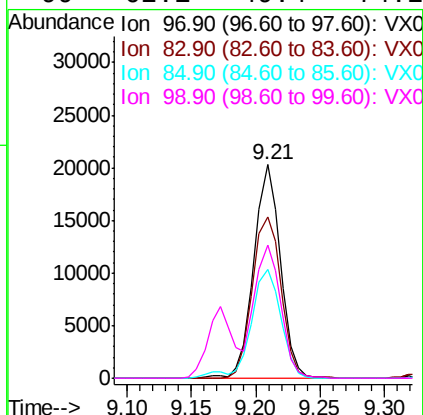
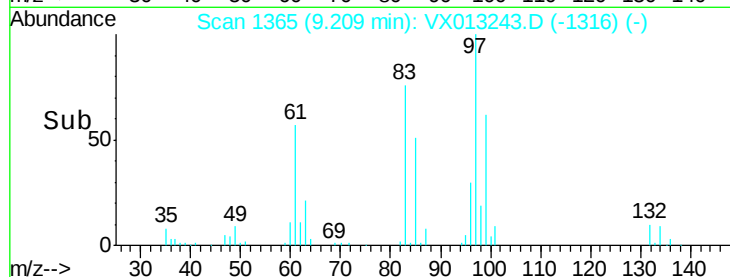
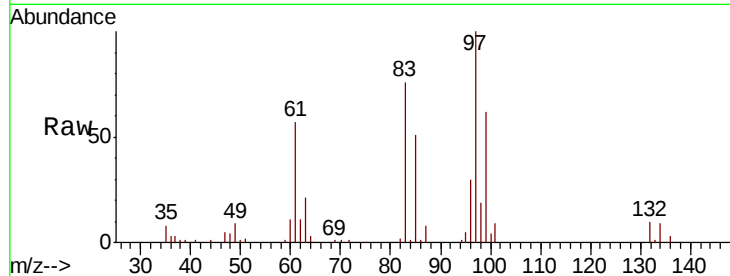
#55
 1,1,2-Trichloroethane
 Concen: 19.392 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		28824		
83	75.5		64.1	96.1	
85	50.8		42.1	63.1	
99	62.1		49.4	74.2	

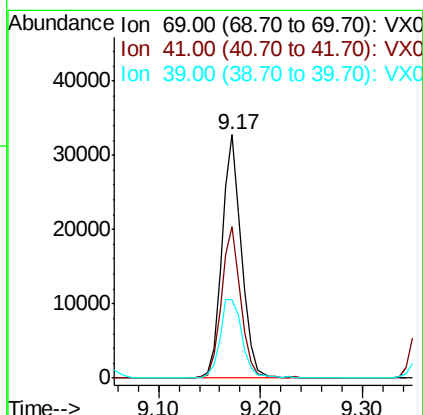
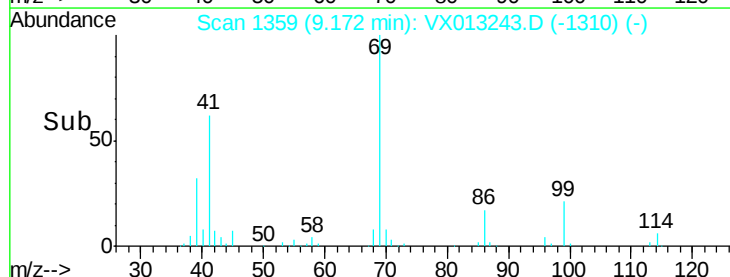
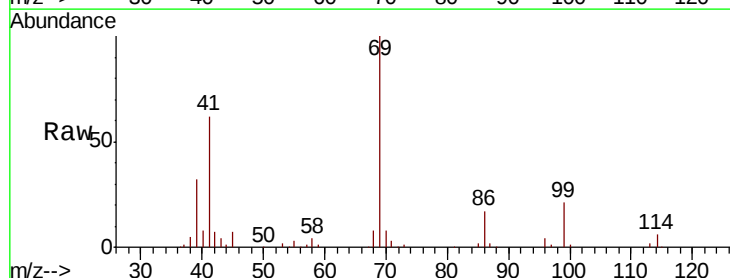
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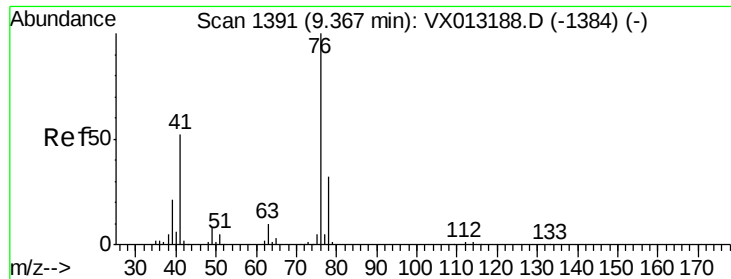
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#56
 Ethyl methacrylate
 Concen: 19.541 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		43716		
41	61.2		49.5	74.3	
39	37.0		28.3	42.5	





#57

1,3-Dichloropropane

Concen: 19.407 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 76 Resp: 48673

Ion Ratio Lower Upper

76 100

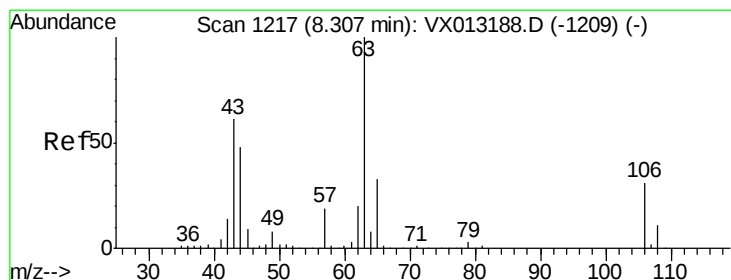
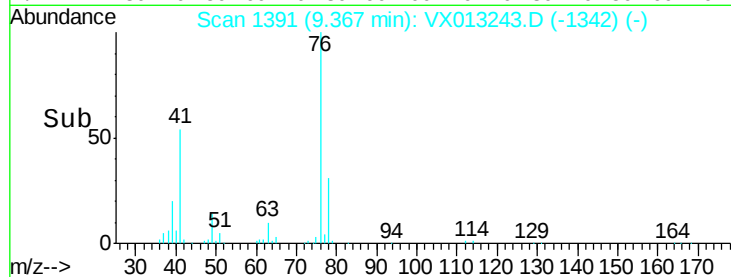
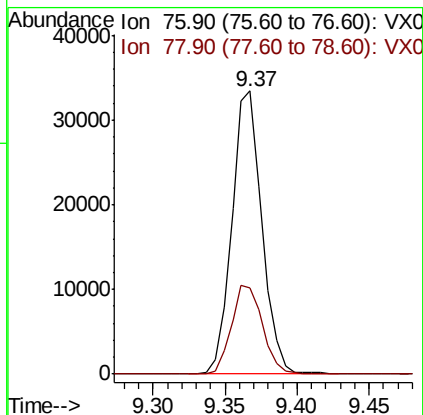
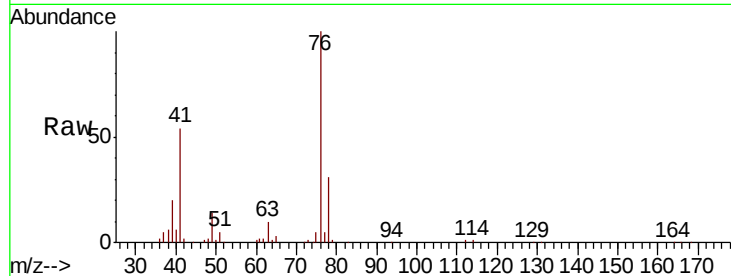
78 32.5 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 99.742 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013243.D

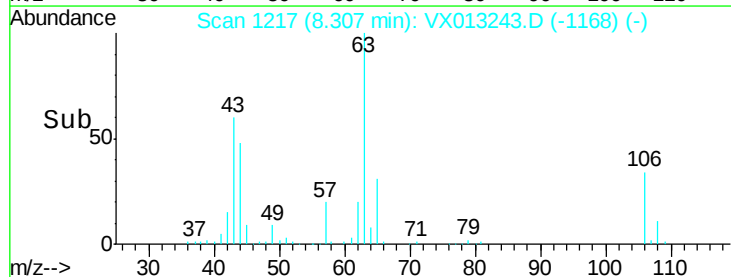
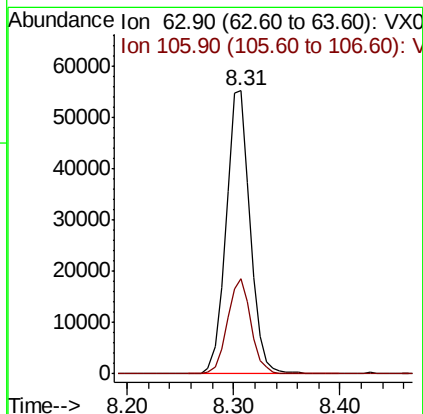
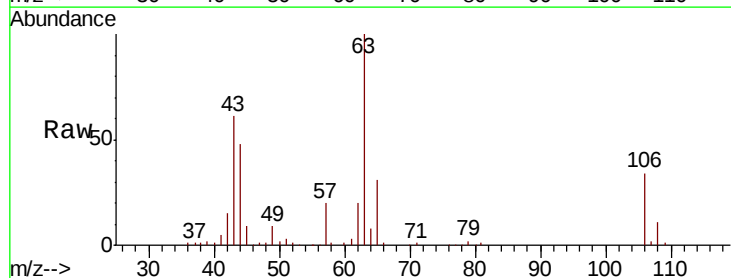
Acq: 28 Oct 2019 13:20

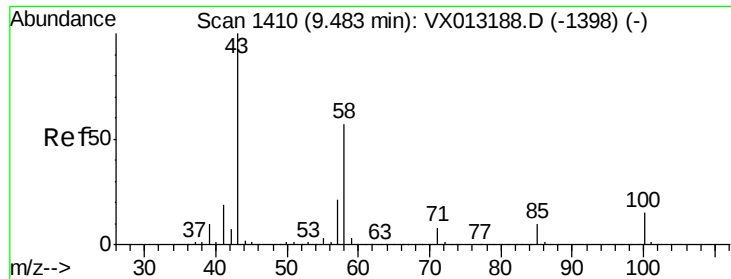
Tgt Ion: 63 Resp: 87066

Ion Ratio Lower Upper

63 100

106 32.8 25.4 38.0





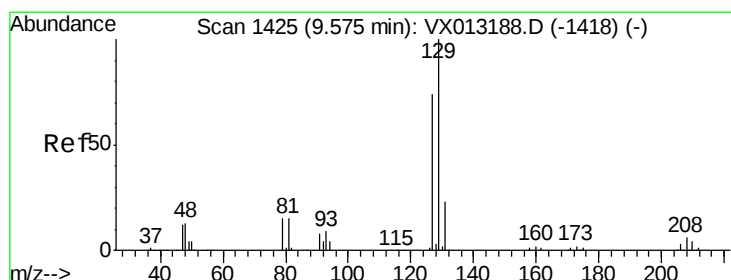
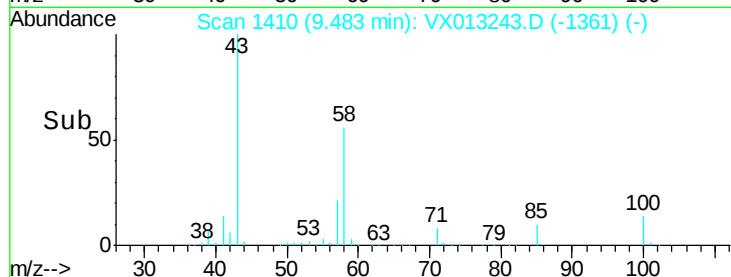
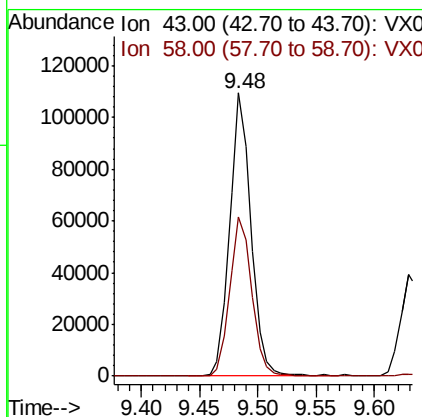
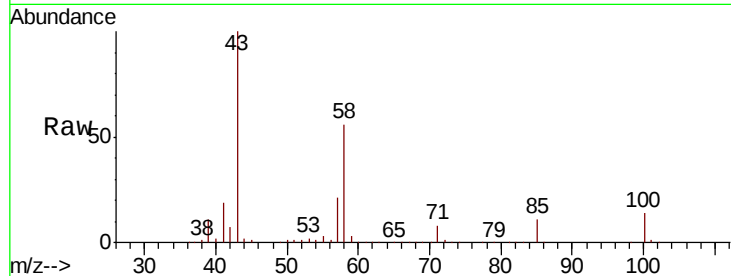
#59
2-Hexanone
Concen: 95.273 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion: 43 Resp: 139782
Ion Ratio Lower Upper
43 100
58 57.9 28.2 84.7

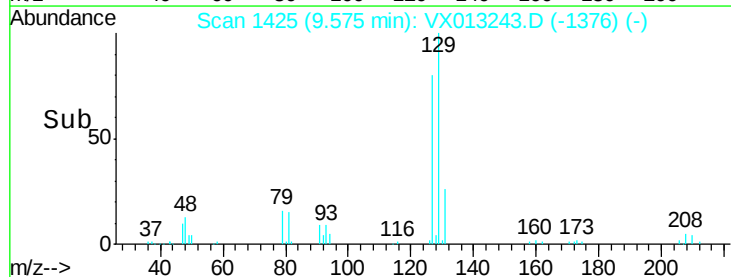
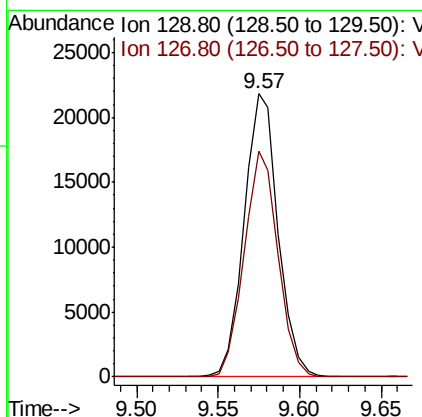
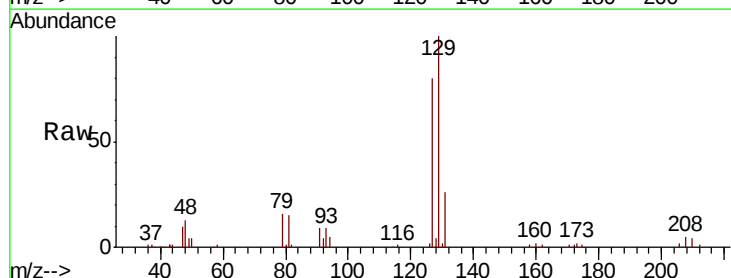
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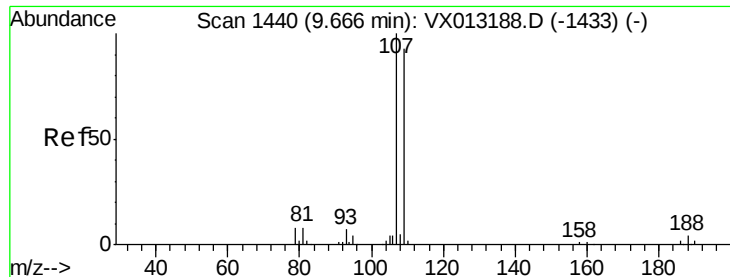
MMDadoda
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#60
Dibromochloromethane
Concen: 20.287 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 129 Resp: 31597
Ion Ratio Lower Upper
129 100
127 79.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.824 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion:107 Resp: 31282

Ion Ratio Lower Upper

107 100

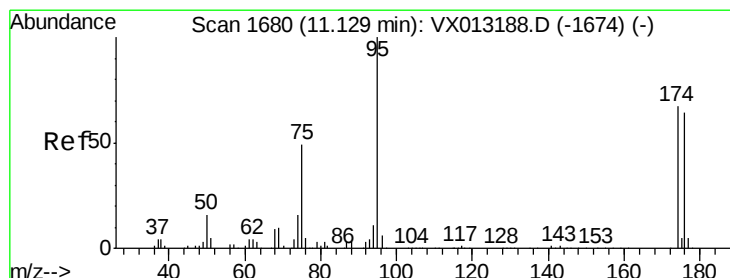
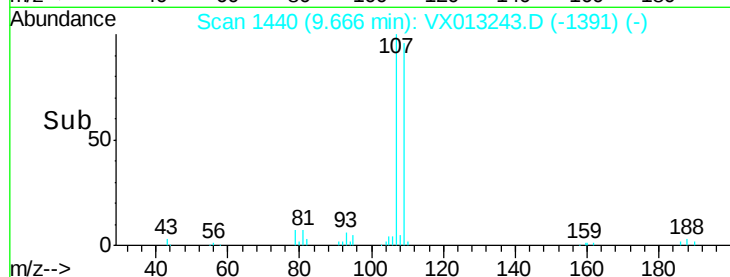
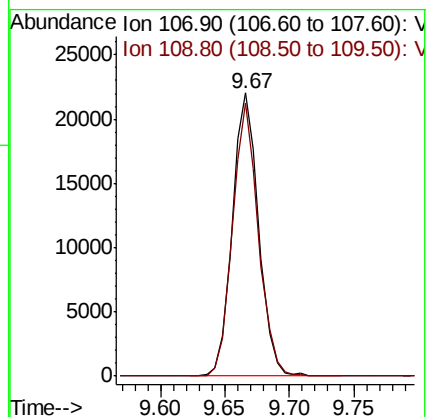
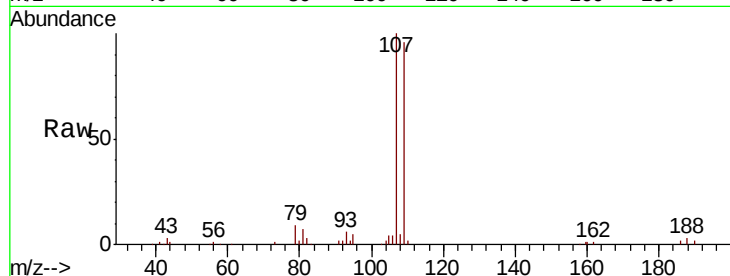
109 94.9 75.7 113.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.009 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

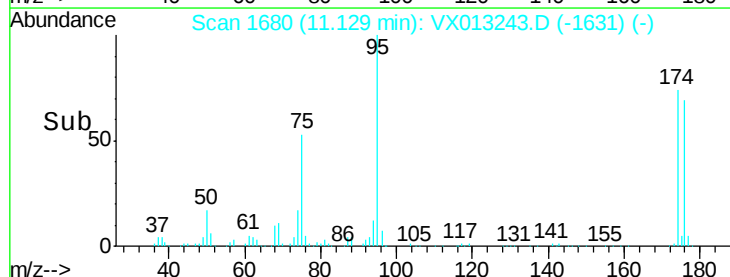
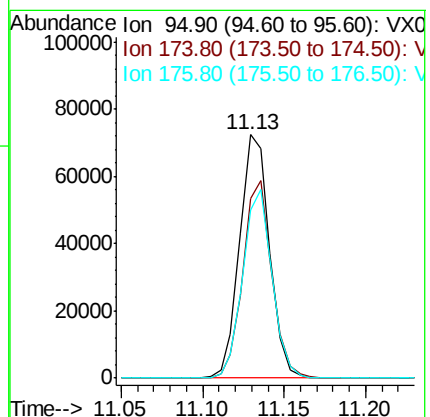
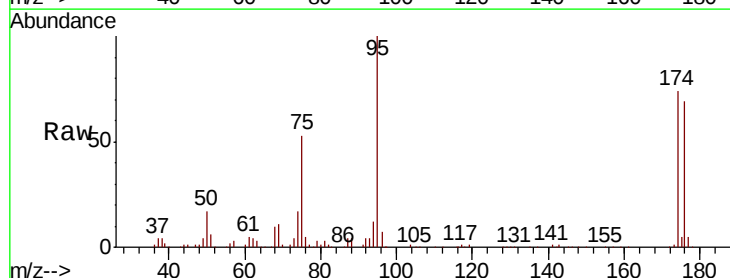
Tgt Ion: 95 Resp: 92386

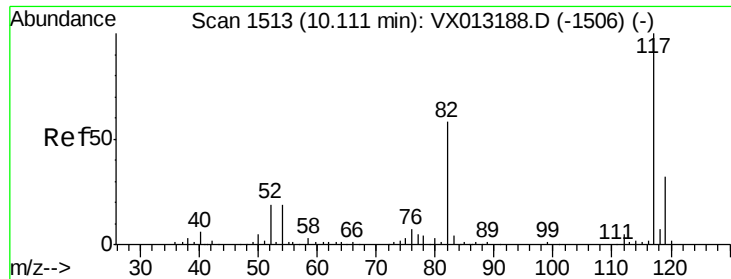
Ion Ratio Lower Upper

95 100

174 78.6 0.0 152.4

176 76.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

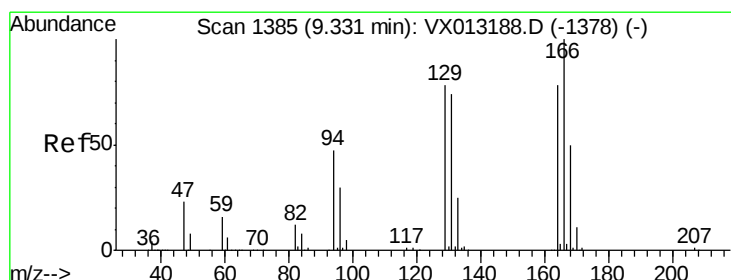
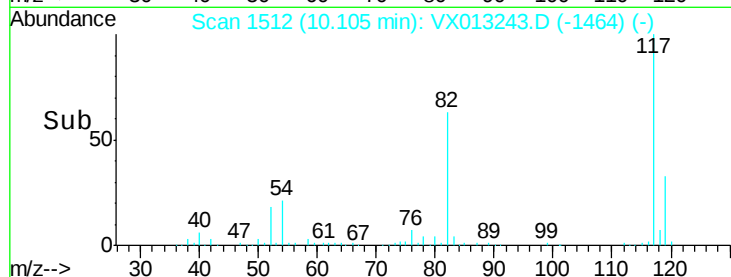
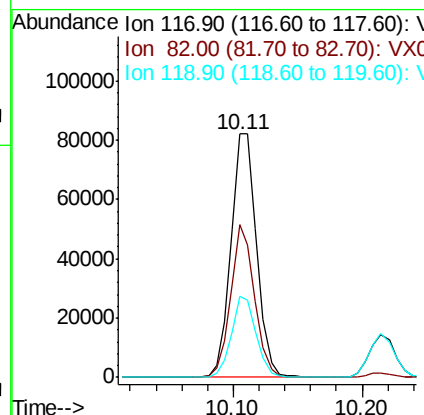
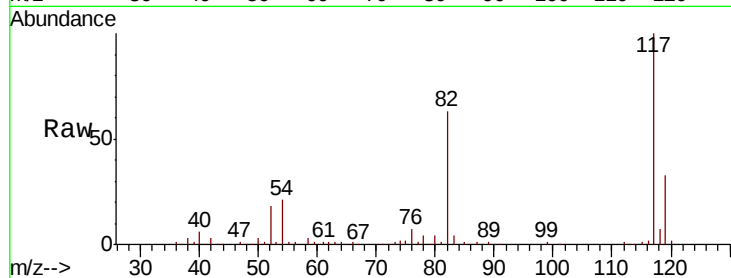
ClientSampleId :

VX1028WBS01

Tot Ion:	117	Resp:	115481
Ion Ratio	Lower	Upper	
117	100		
82	62.5	46.5	69.7
119	33.2	25.2	37.8

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#64

Tetrachloroethene

Concen: 20.867 ug/l

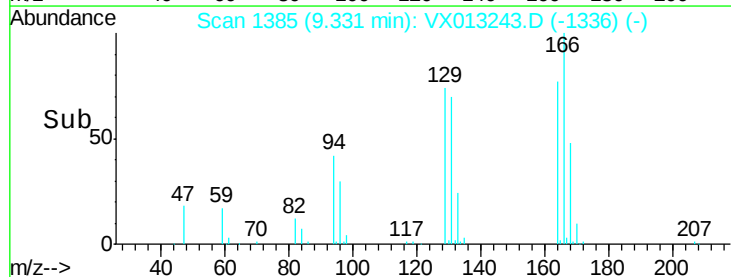
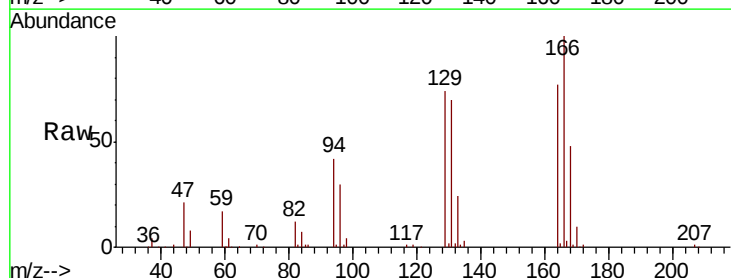
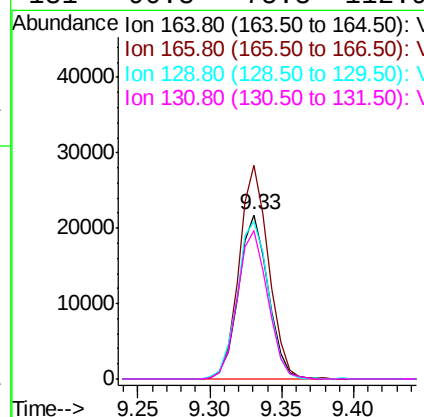
RT: 9.33 min Scan# 1385

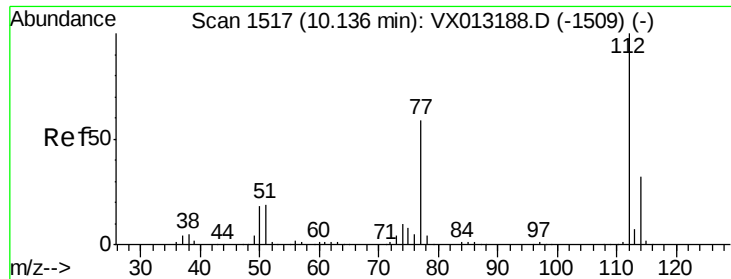
Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Tgt Ion:	164	Resp:	31333
Ion Ratio	Lower	Upper	
164	100		
166	130.1	102.2	153.4
129	95.7	79.8	119.8
131	90.8	75.3	112.9





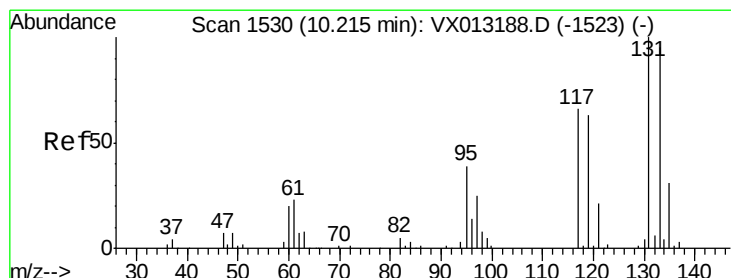
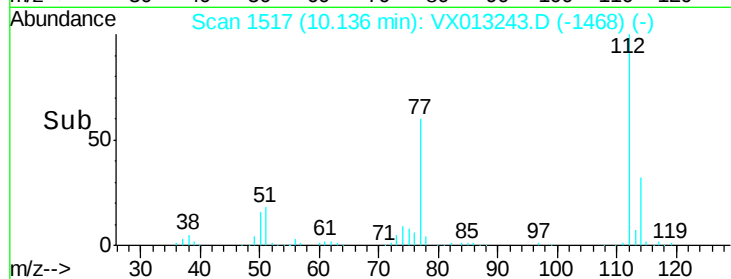
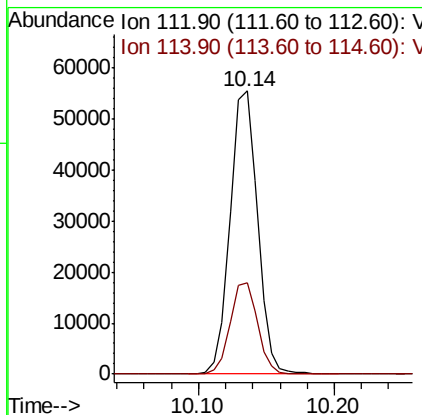
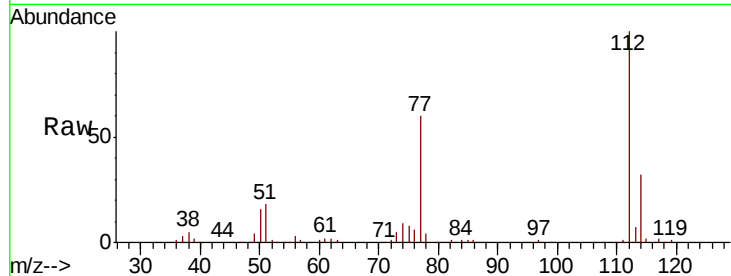
#65
Chlorobenzene
Concen: 19.288 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion:112 Resp: 77972
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8

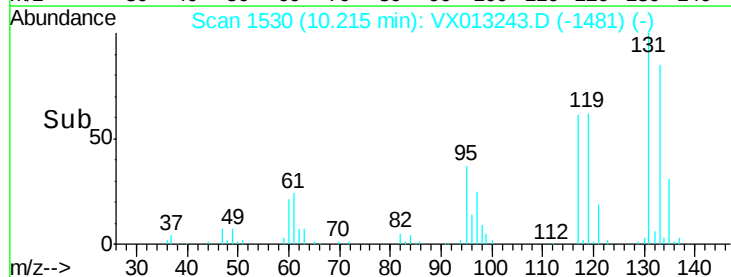
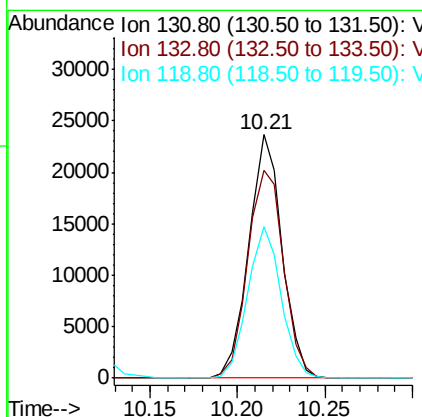
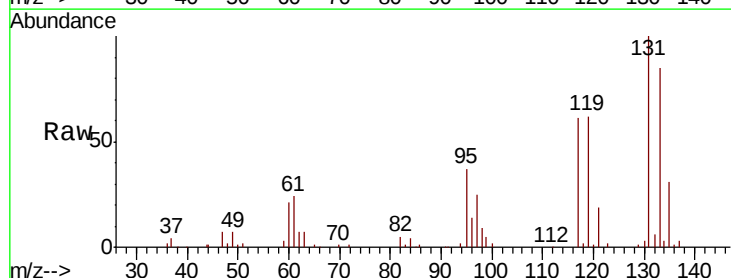
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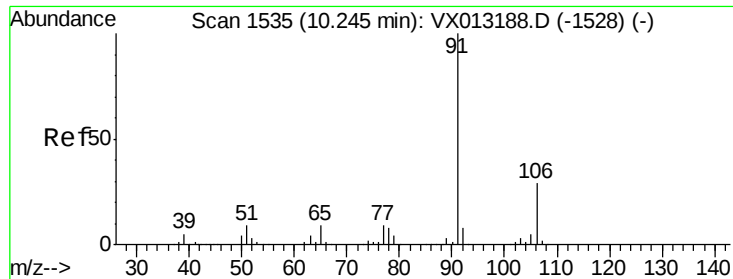
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.917 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion:131 Resp: 31237
Ion Ratio Lower Upper
131 100
133 92.3 48.4 145.2
119 62.6 32.4 97.0





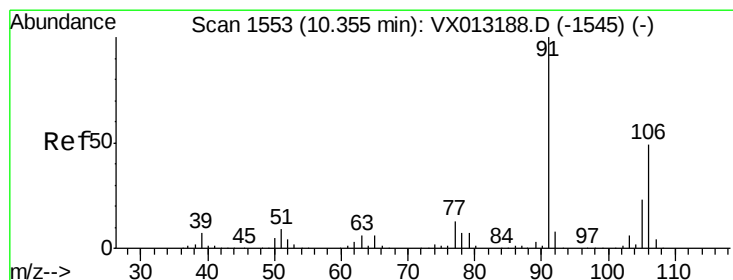
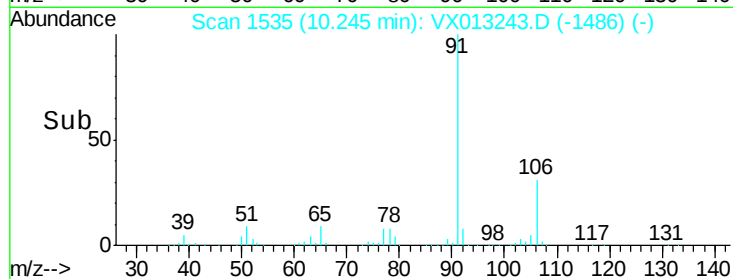
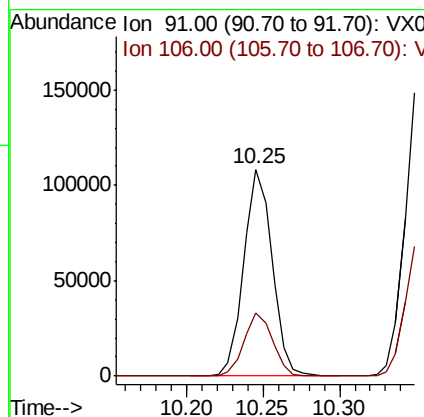
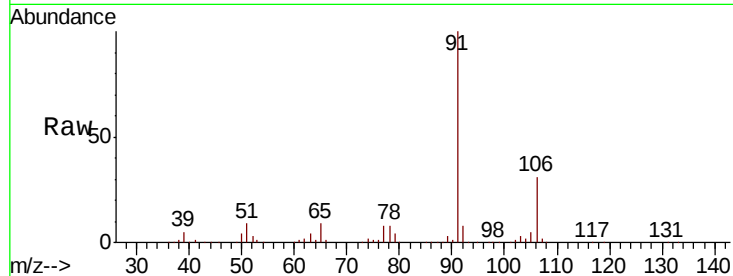
#67
Ethyl Benzene
Concen: 19.341 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion: 91 Resp: 139972
Ion Ratio Lower Upper
91 100
106 30.6 23.5 35.3

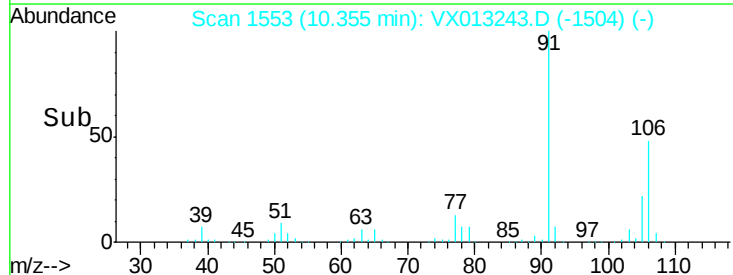
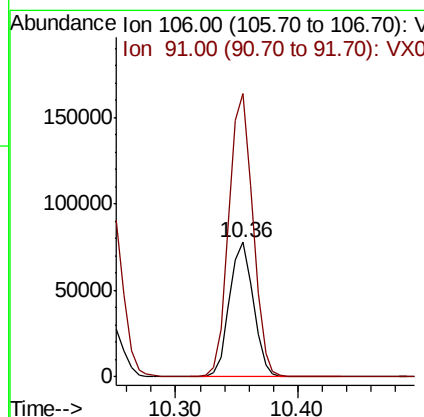
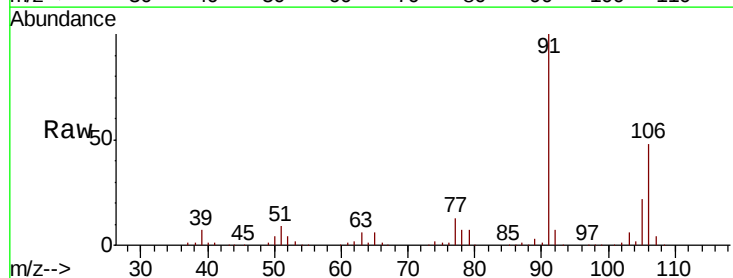
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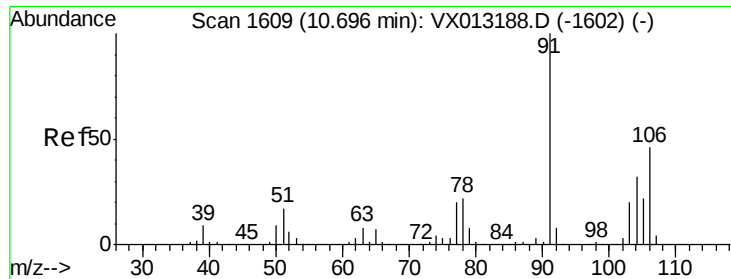
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#68
m/p-Xylenes
Concen: 38.601 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 106 Resp: 105574
Ion Ratio Lower Upper
106 100
91 211.0 166.8 250.2





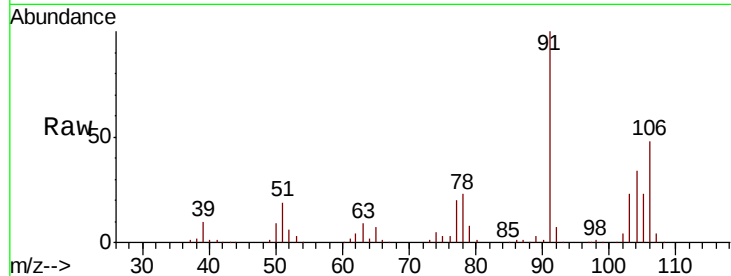
#69
o-Xylene
Concen: 19.067 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

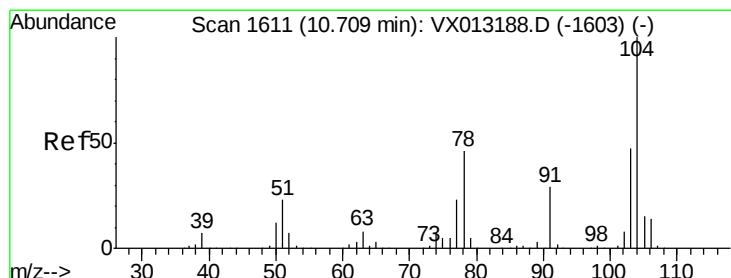
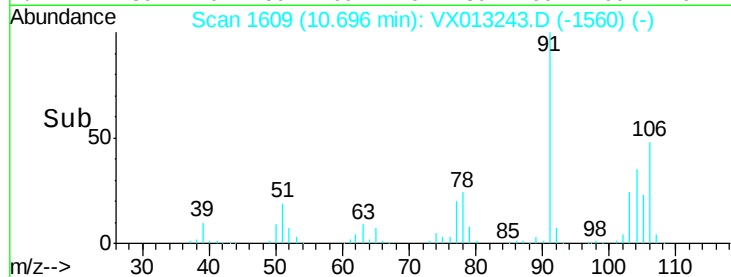
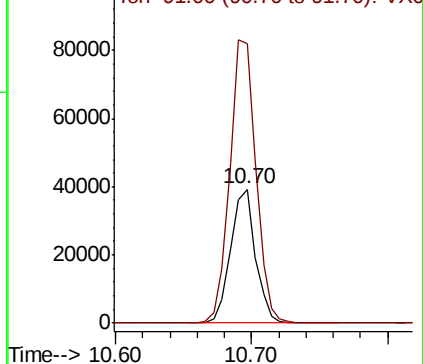
Tot Ion:106 Resp: 50024
Ion Ratio Lower Upper
106 100
91 222.2 110.7 331.9

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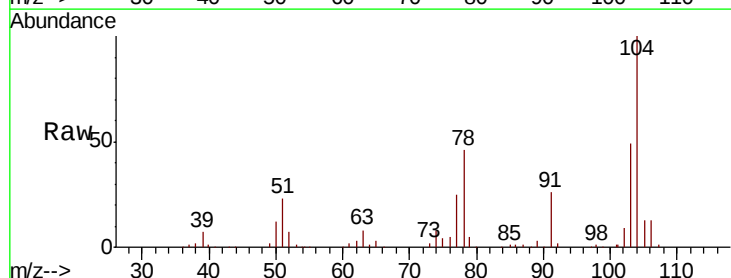


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

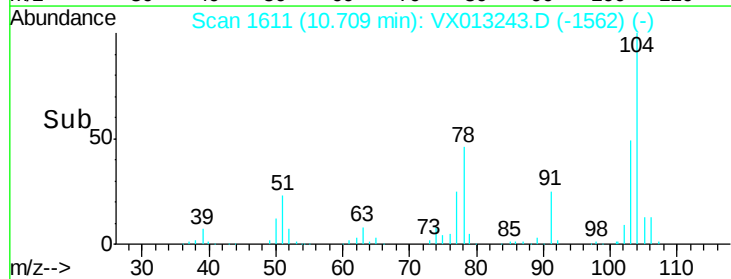
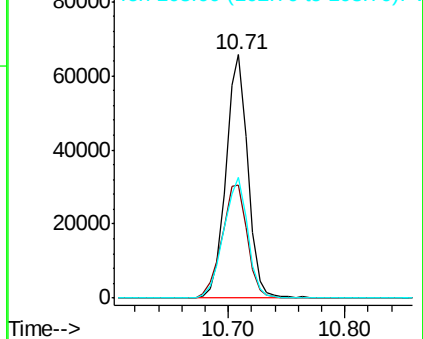


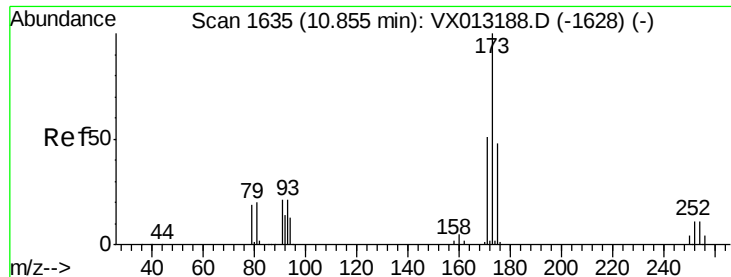
#70
Styrene
Concen: 18.961 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion:104 Resp: 85658
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 54.6 42.8 64.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.575 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion:173 Resp: 22451

Ion Ratio Lower Upper

173 100

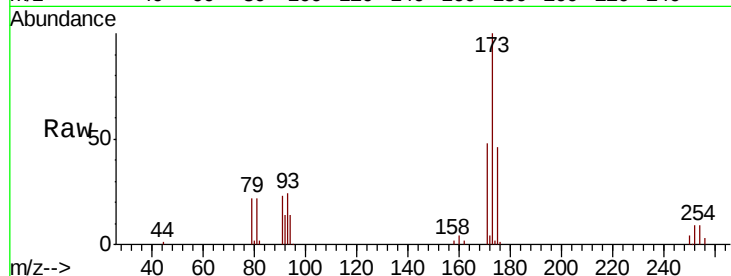
175 48.8 24.3 72.8

254 0.0 0.1 0.1#

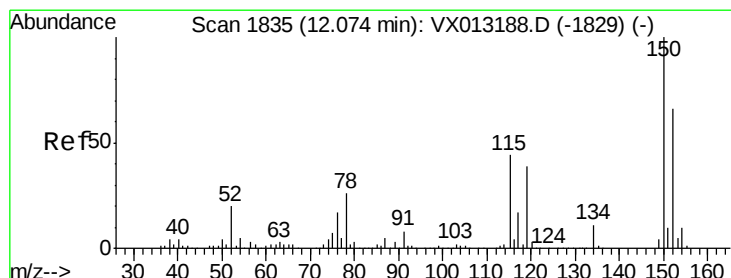
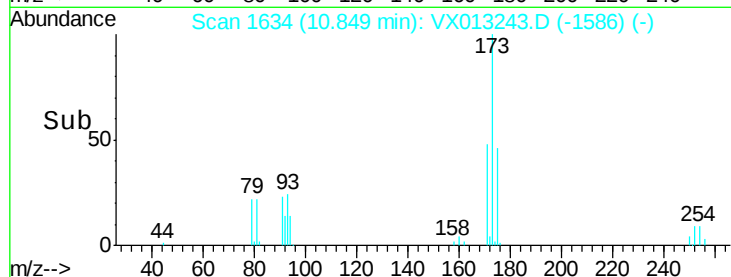
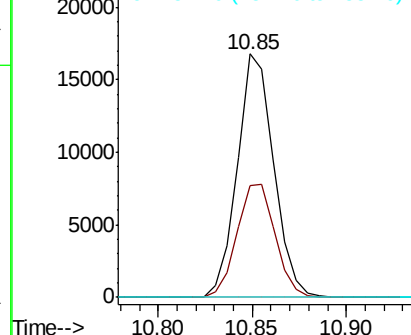
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

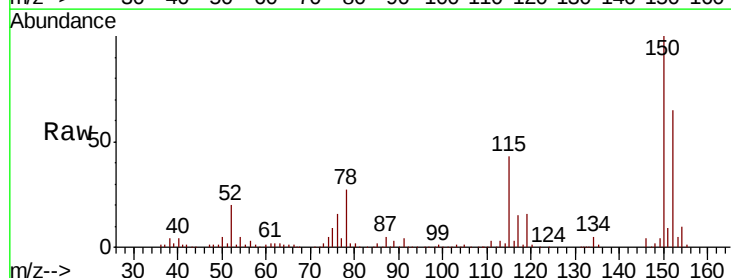
Tgt Ion:152 Resp: 78880

Ion Ratio Lower Upper

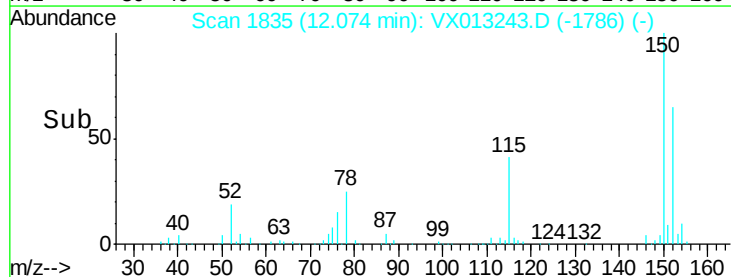
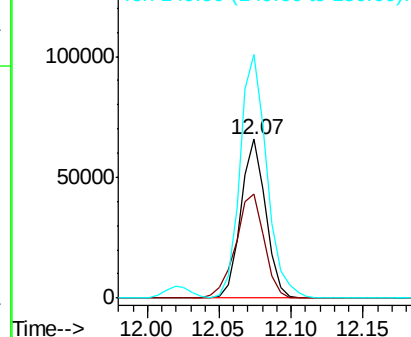
152 100

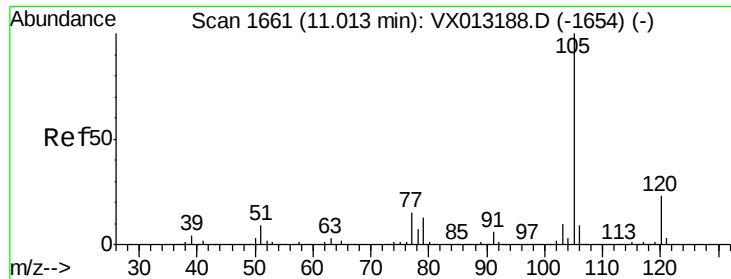
115 76.1 46.6 139.8

150 166.0 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





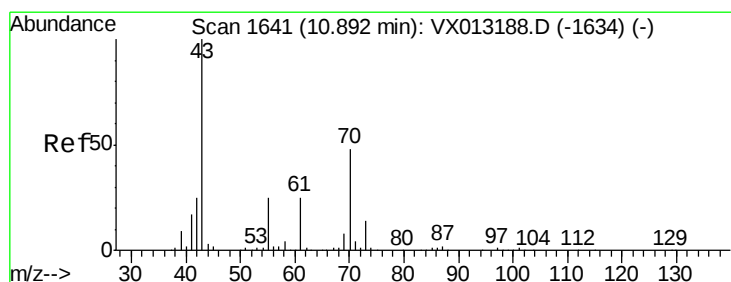
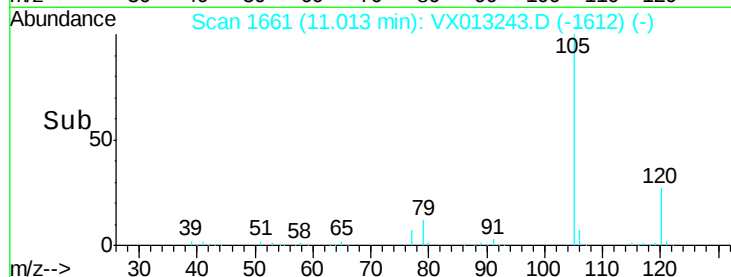
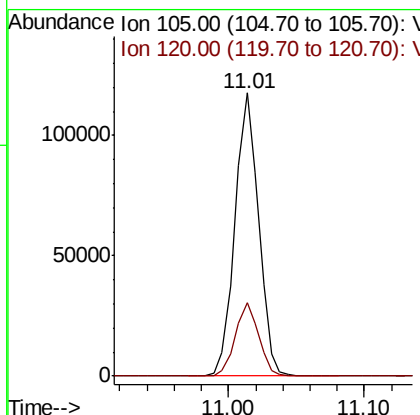
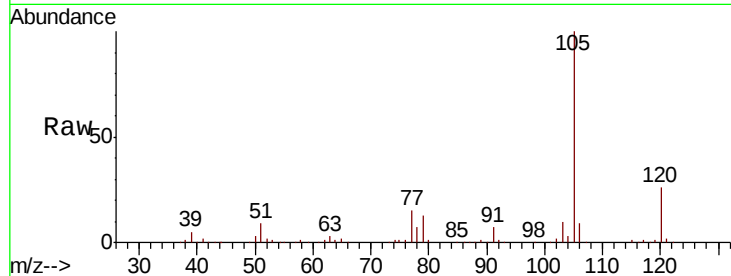
#73
Isopropylbenzene
Concen: 19.851 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion: 105 Resp: 142195
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.8

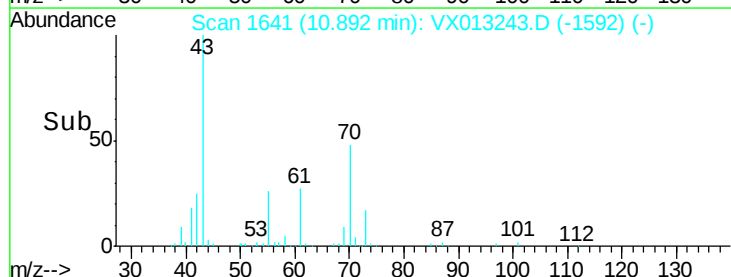
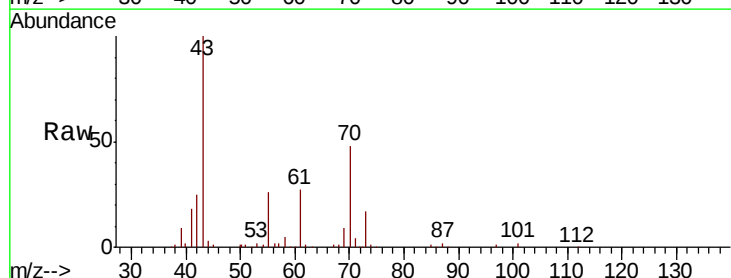
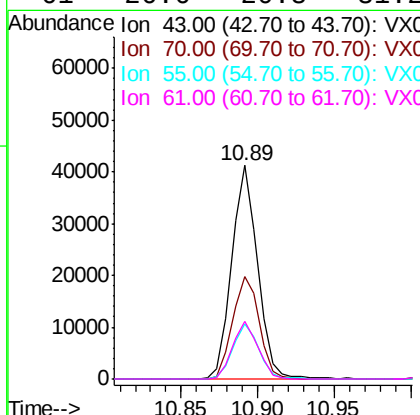
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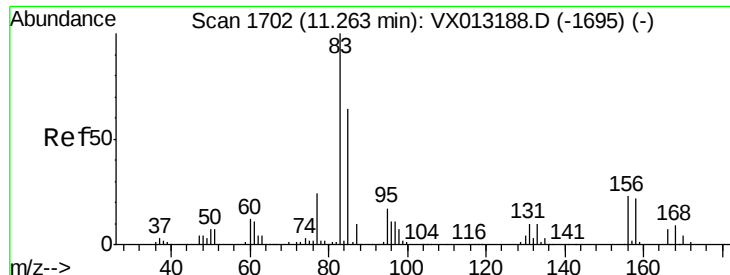
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#74
N-ethyl acetate
Concen: 18.333 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 43 Resp: 48198
Ion Ratio Lower Upper
43 100
70 49.8 38.5 57.7
55 25.9 20.7 31.1
61 26.6 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.746 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

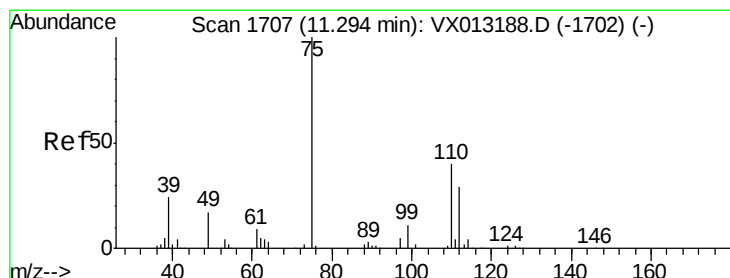
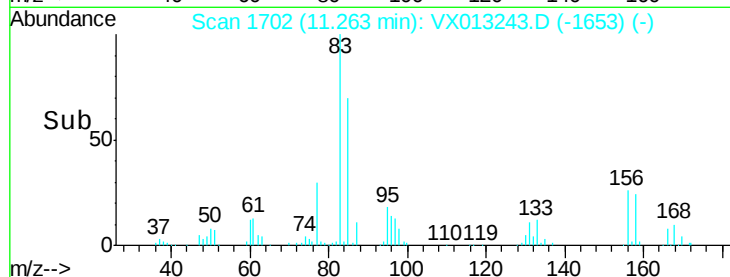
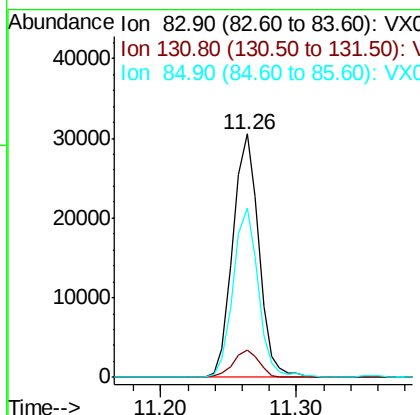
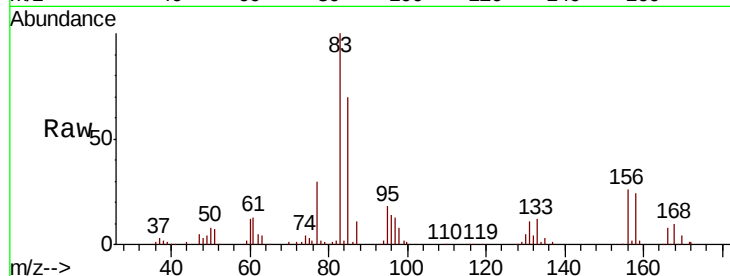
ClientSampleId :

VX1028WBS01

Tot Ion:	83	Resp:	40772
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	16.1
85	67.3	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.477 ug/l m

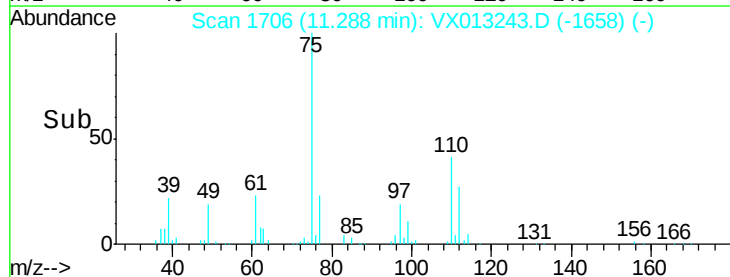
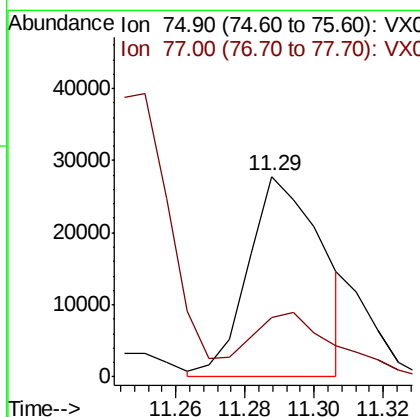
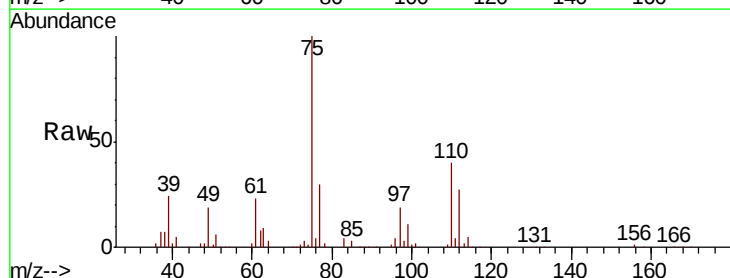
RT: 11.29 min Scan# 1706

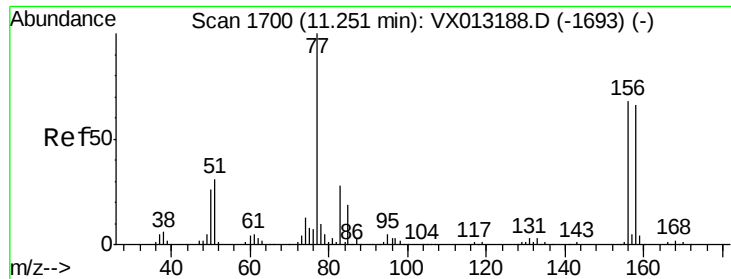
Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Tgt Ion:	75	Resp:	40831
Ion Ratio	Lower	Upper	
75	100		
77	35.9	19.1	57.5





#77

Bromobenzene

Concen: 19.687 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion:156 Resp: 33799

Ion Ratio Lower Upper

156 100

77 159.4 81.7 245.1

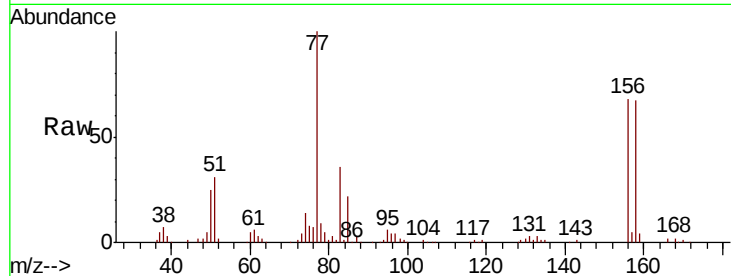
158 98.4 49.6 148.8

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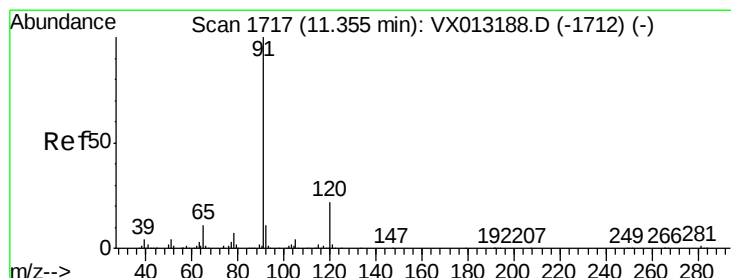
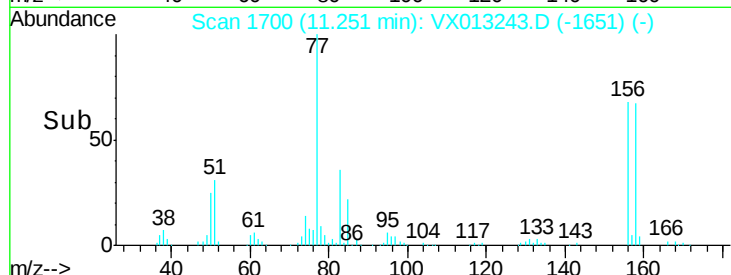
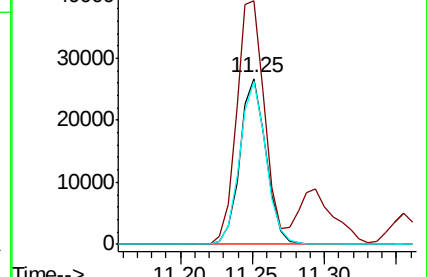
10/30/2019 12:07:37 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.985 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013243.D

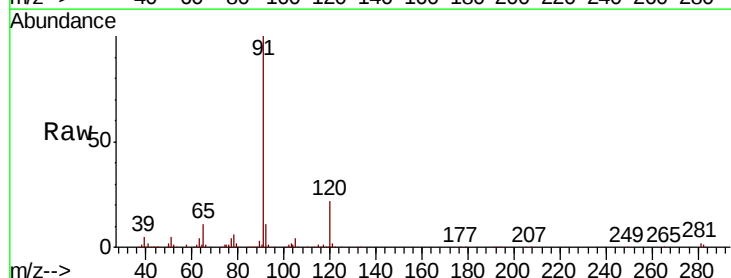
Acq: 28 Oct 2019 13:20

Tgt Ion: 91 Resp: 147715

Ion Ratio Lower Upper

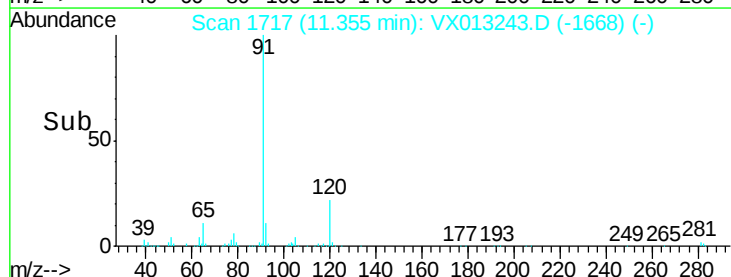
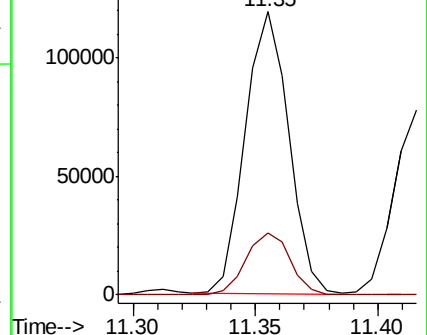
91 100

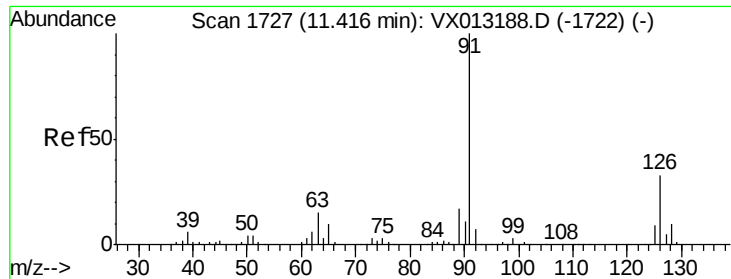
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.134 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 91 Resp: 94068

Ion Ratio Lower Upper

91 100

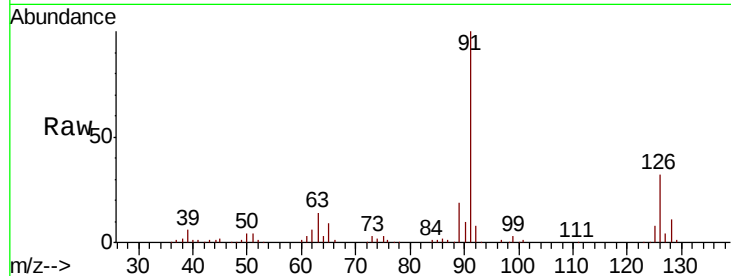
126 32.8 16.3 48.8

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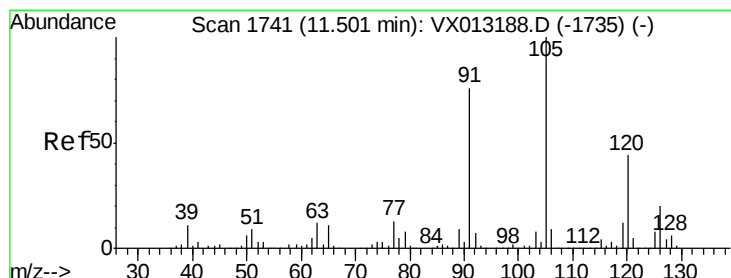
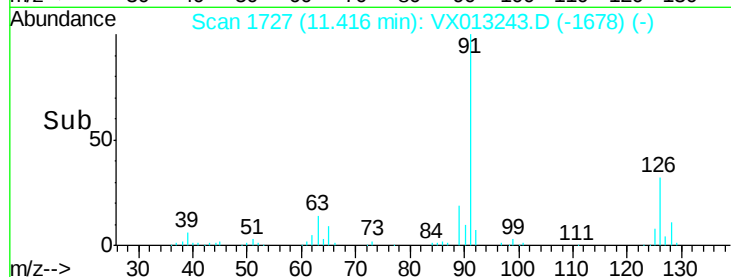
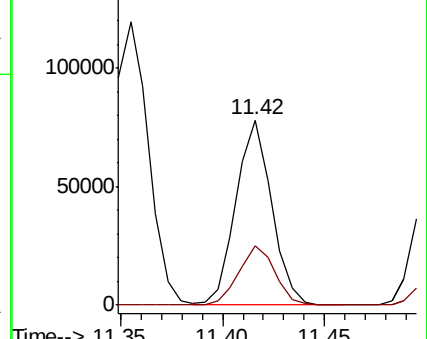
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.911 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013243.D

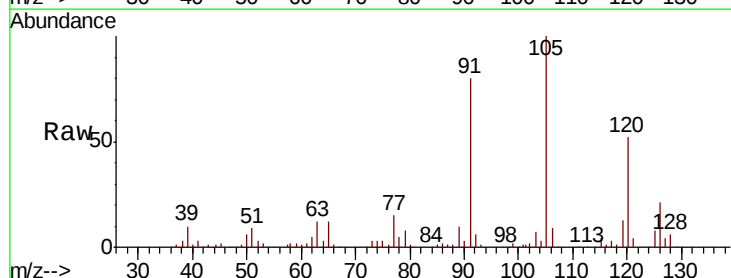
Acq: 28 Oct 2019 13:20

Tgt Ion: 105 Resp: 118549

Ion Ratio Lower Upper

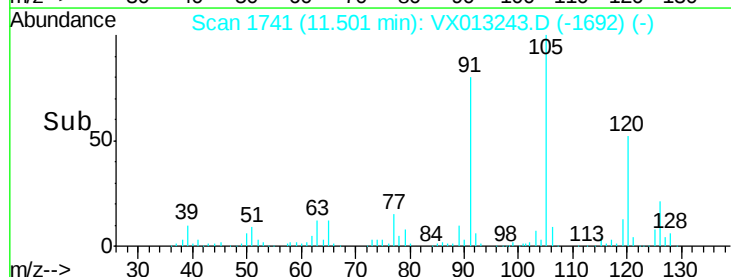
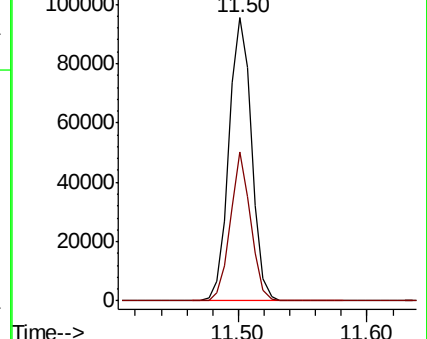
105 100

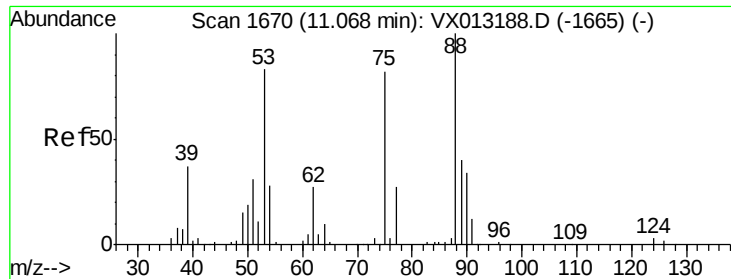
120 47.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.270 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 75 Resp: 13332

Ion Ratio Lower Upper

75 100

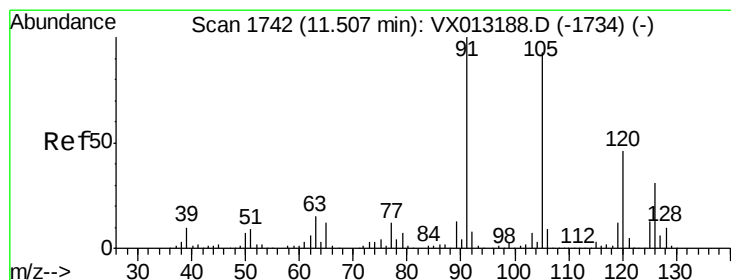
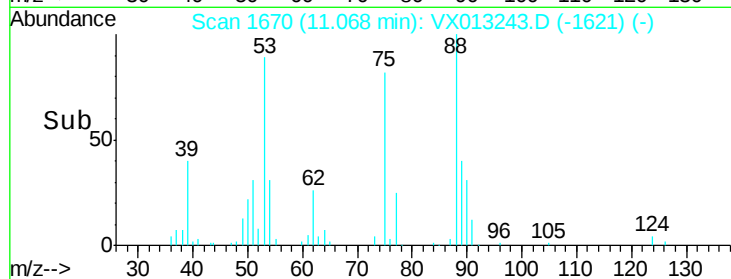
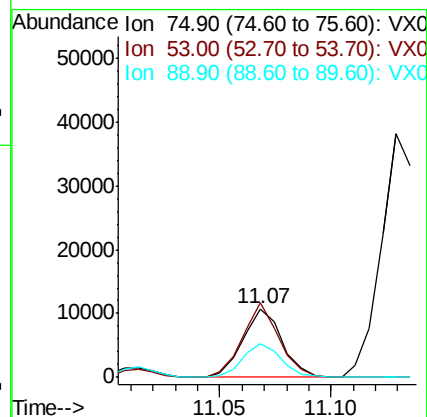
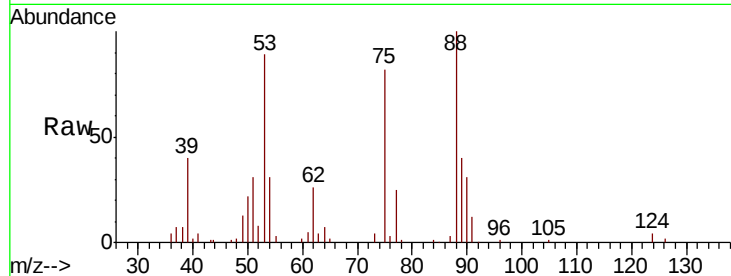
53 100.5 77.9 116.9

89 47.9 37.3 55.9

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#82

4-Chlorotoluene

Concen: 19.139 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013243.D

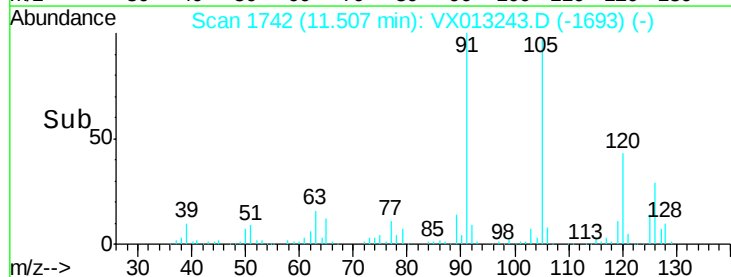
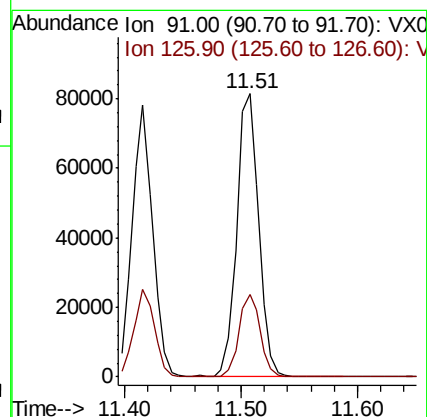
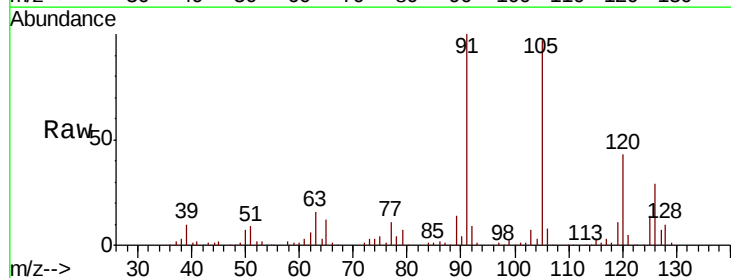
Acq: 28 Oct 2019 13:20

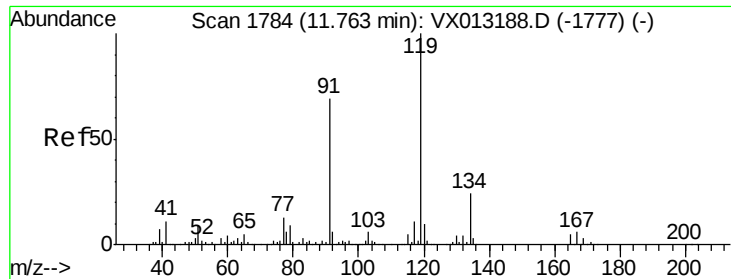
Tgt Ion: 91 Resp: 106610

Ion Ratio Lower Upper

91 100

126 28.5 14.6 44.0





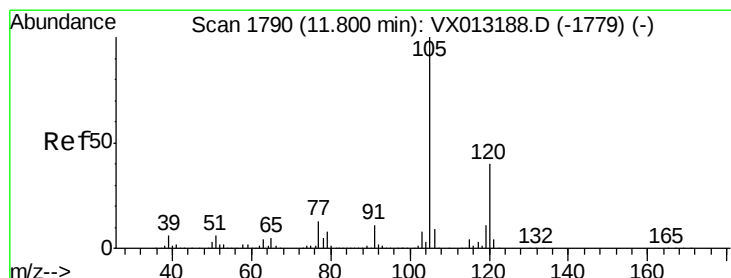
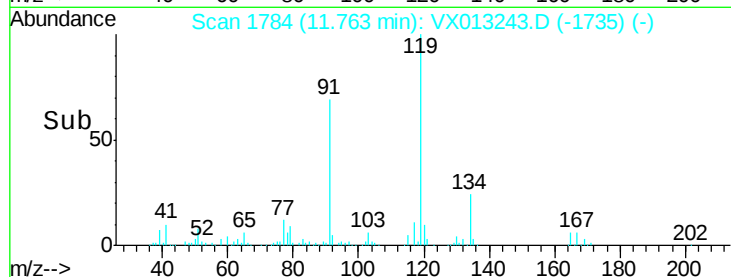
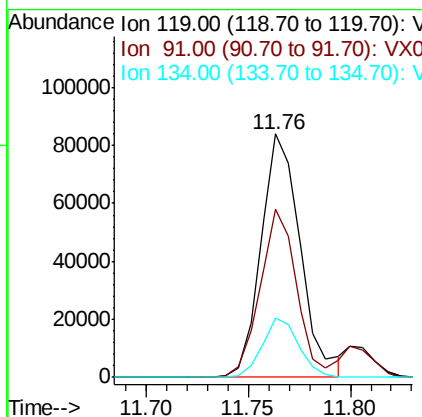
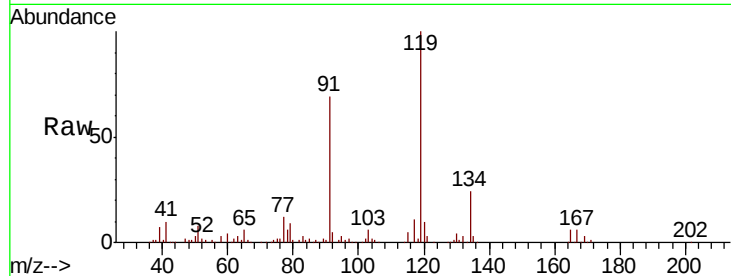
#83
tert-Butylbenzene
Concen: 19.198 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	113086		
91	63.7	30.8	92.4	
134	22.7	11.5	34.5	

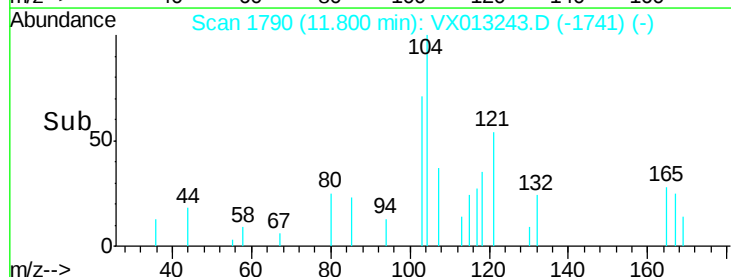
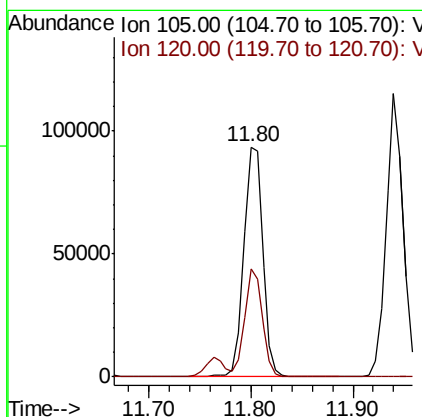
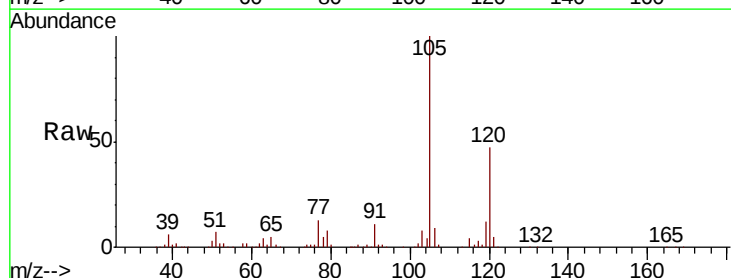
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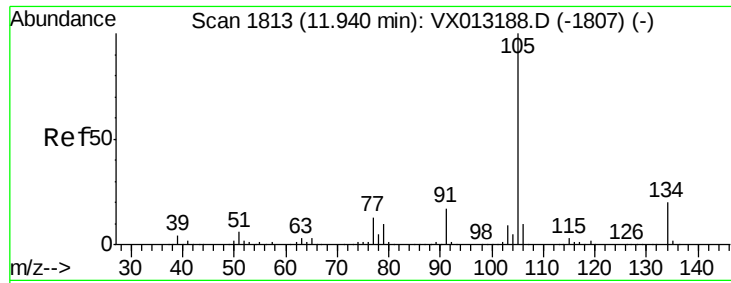
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#84
1,2,4-Trimethylbenzene
Concen: 20.008 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	120156		
120	43.3	21.4	64.3	





#85

sec-Butylbenzene

Concen: 20.135 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion:105 Resp: 134975

Ion Ratio Lower Upper

105 100

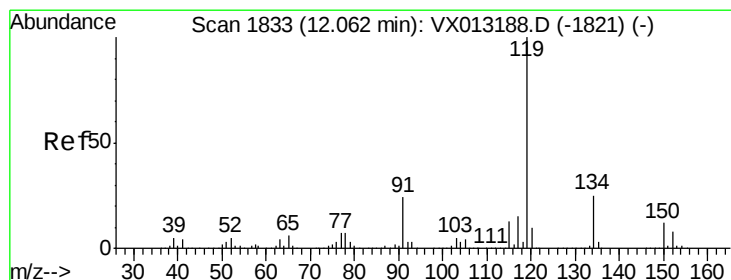
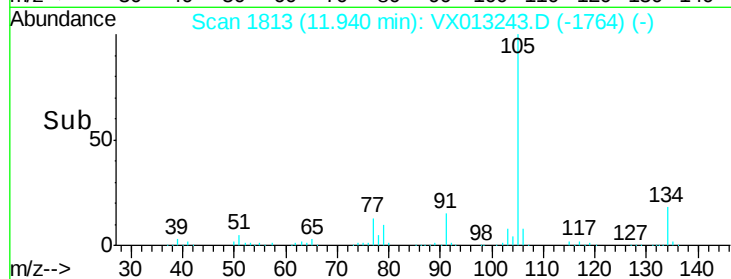
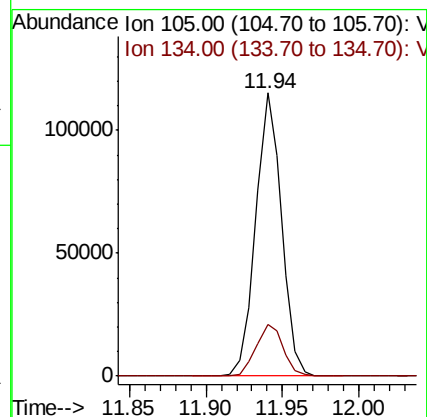
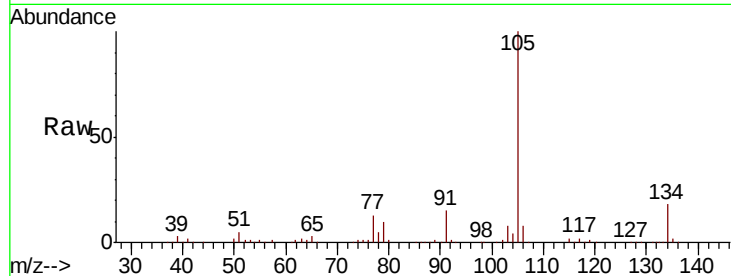
134 19.1 9.9 29.7

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#86

p-Isopropyltoluene

Concen: 19.758 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

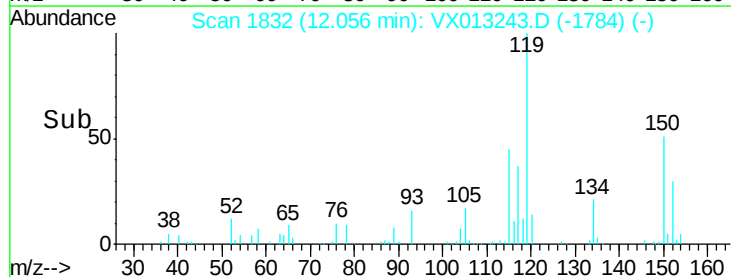
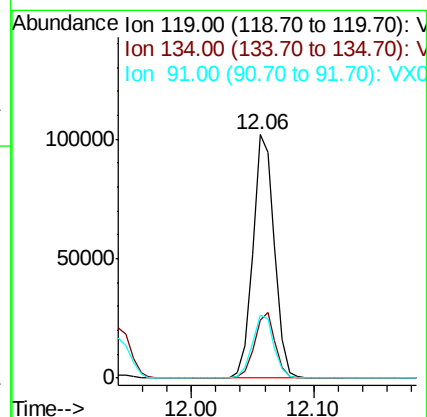
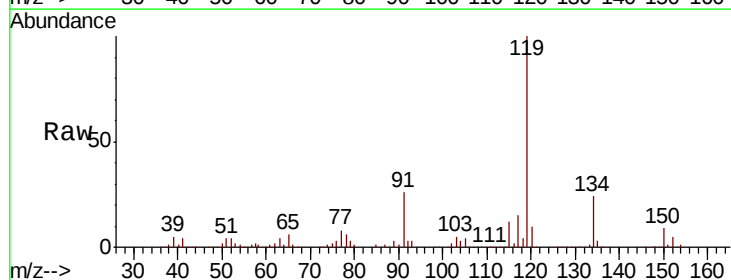
Tgt Ion:119 Resp: 124430

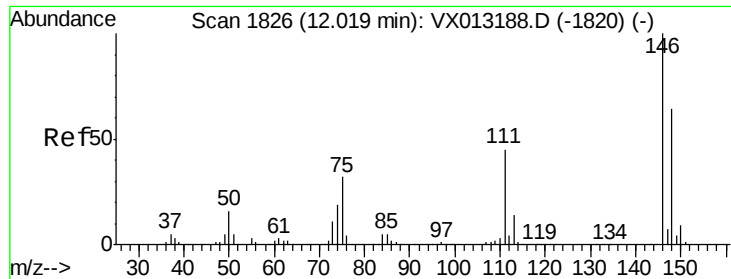
Ion Ratio Lower Upper

119 100

134 25.9 12.5 37.5

91 26.0 12.4 37.2





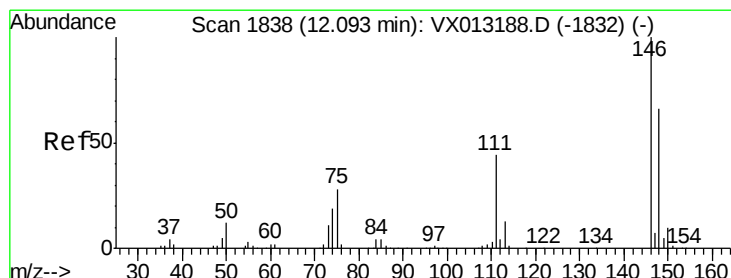
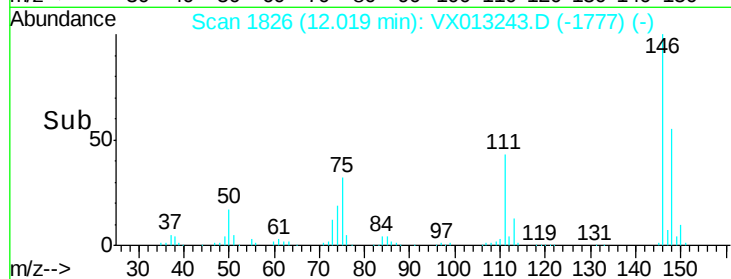
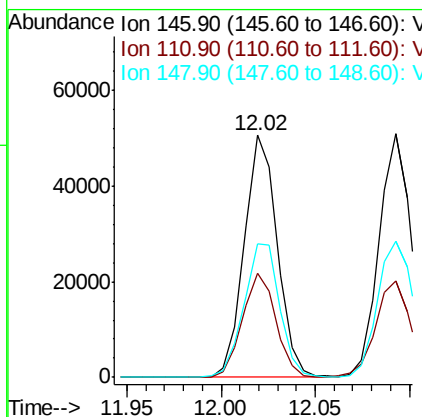
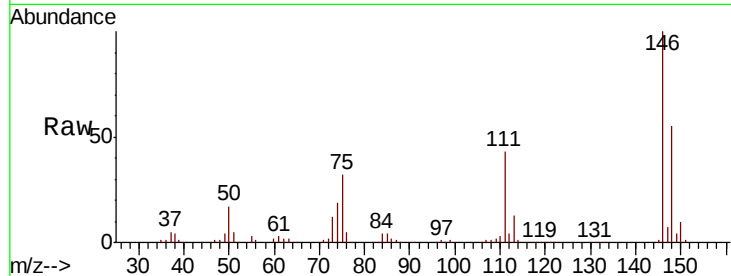
#87
 1,3-Dichlorobenzene
 Concen: 19.900 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.9
148	59.9	31.6	94.8

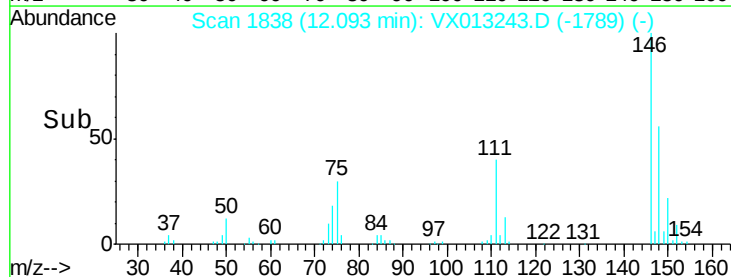
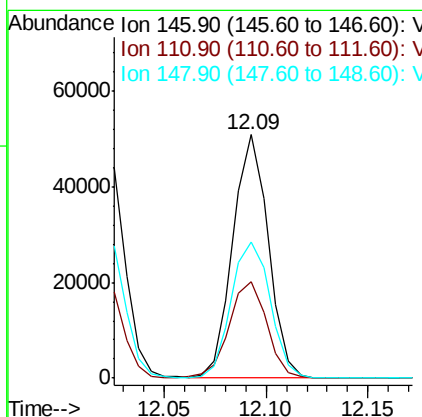
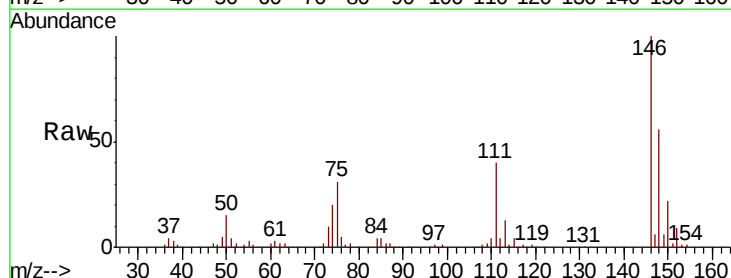
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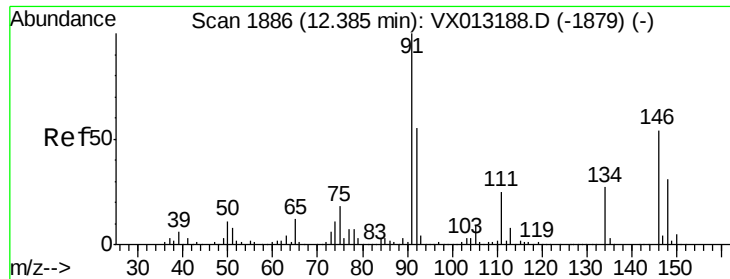
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#88
 1,4-Dichlorobenzene
 Concen: 19.486 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	61.7	32.5	97.5





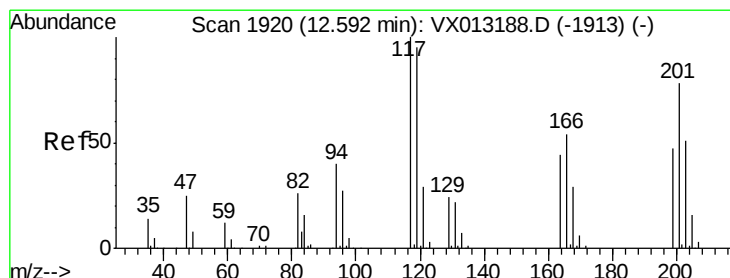
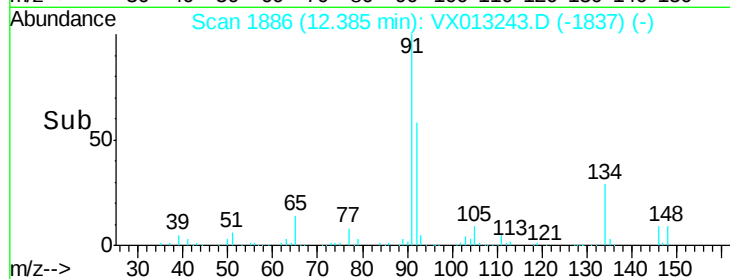
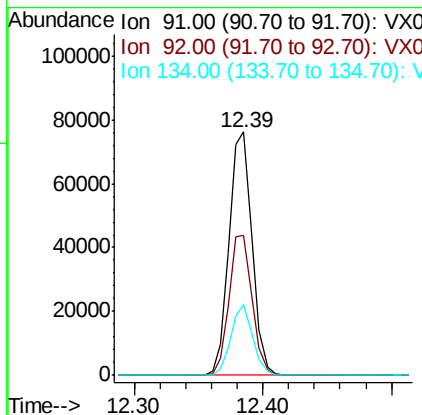
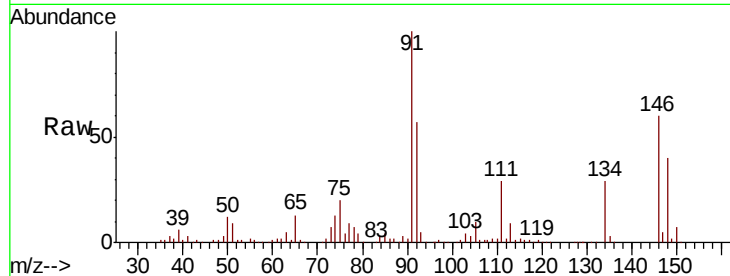
#89
n-Butylbenzene
Concen: 18.611 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	57.8	27.7	83.1
134	27.4	13.2	39.6

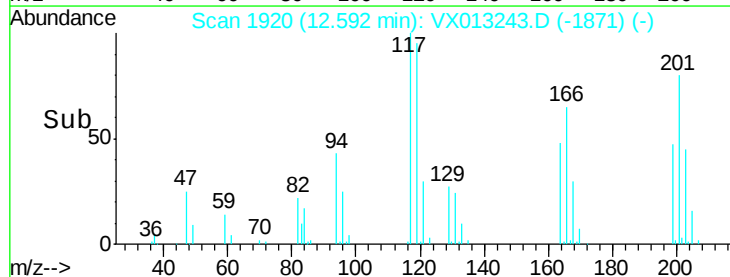
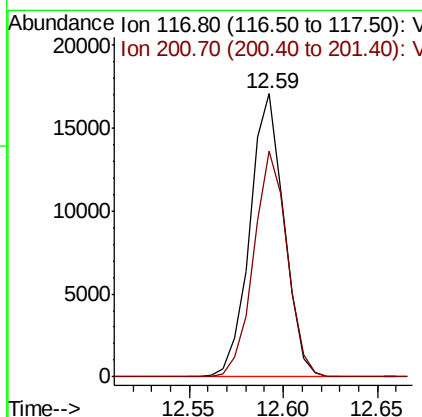
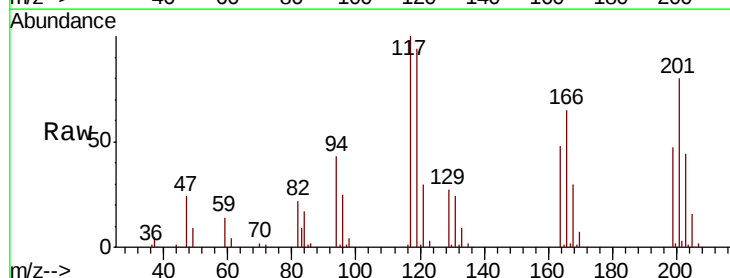
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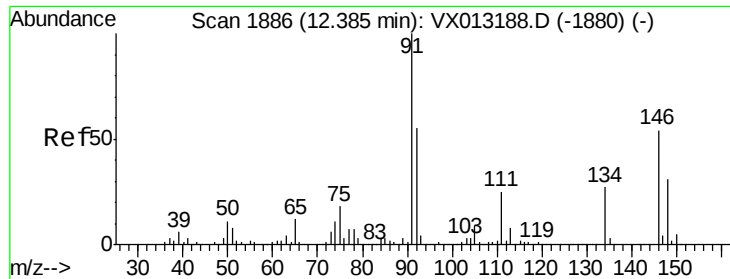
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#90
Hexachloroethane
Concen: 20.275 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	39.0	116.9





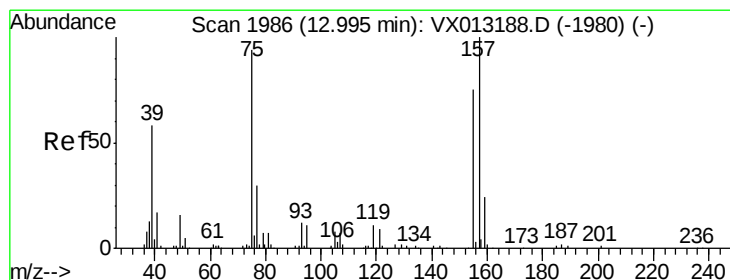
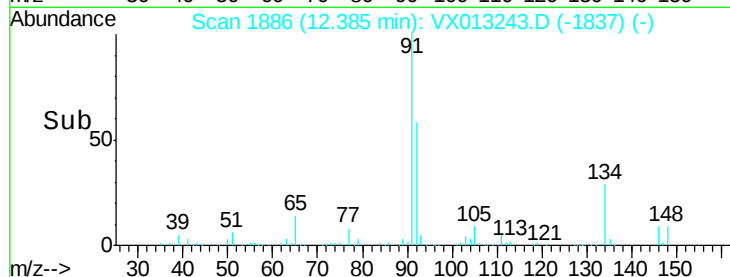
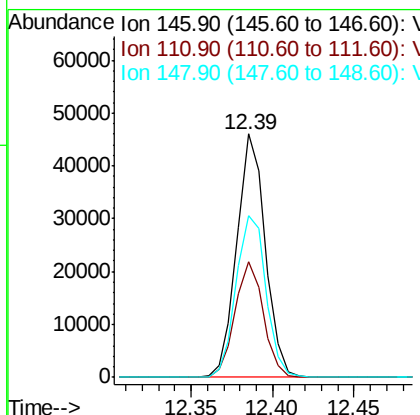
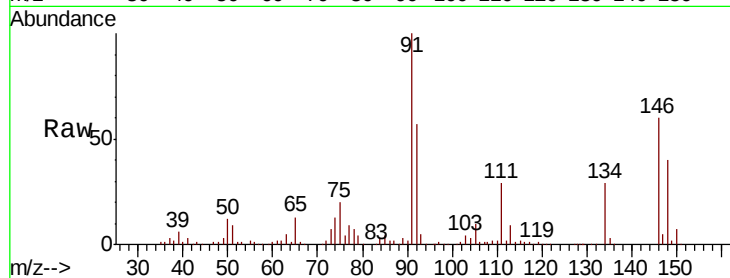
#91
 1,2-Dichlorobenzene
 Concen: 18.434 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.1	22.9	68.8
148	69.8	31.8	95.3

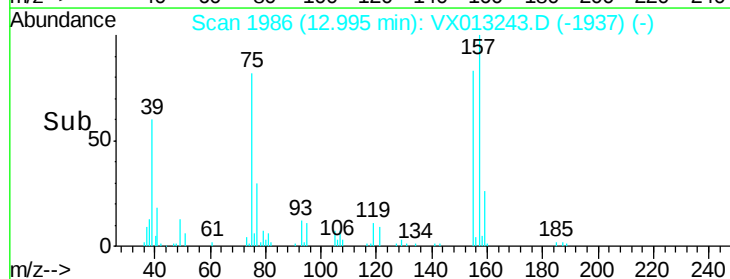
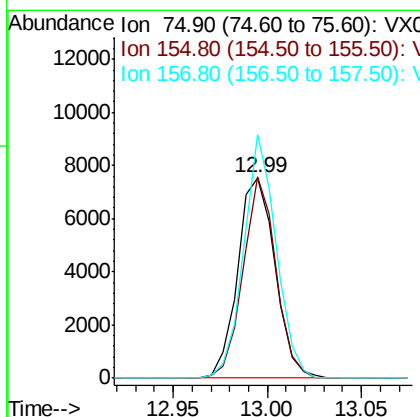
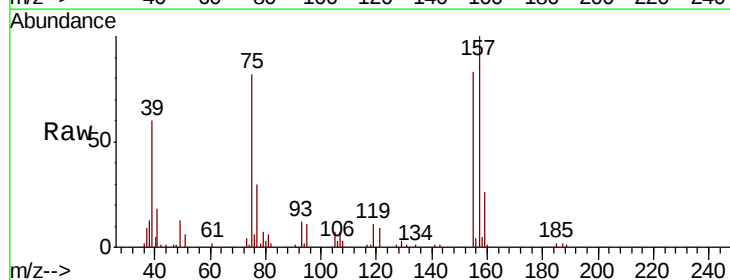
Manual Integrations
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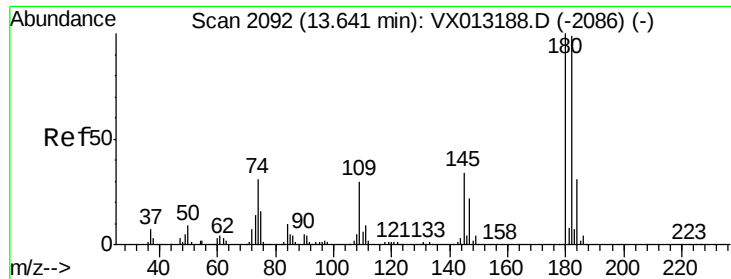
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.116 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	42.8	128.4
157	105.2	54.3	162.8





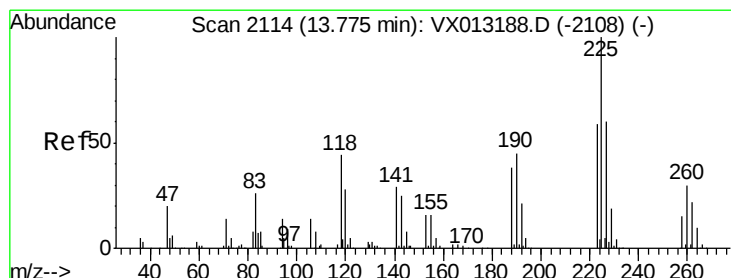
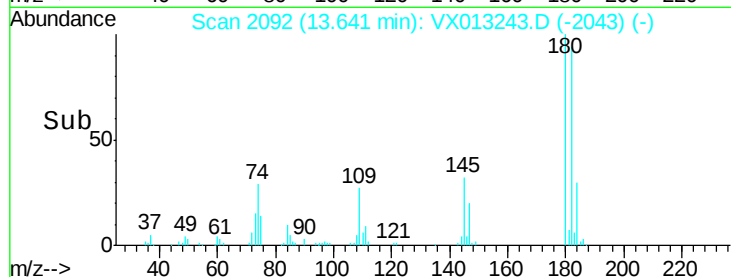
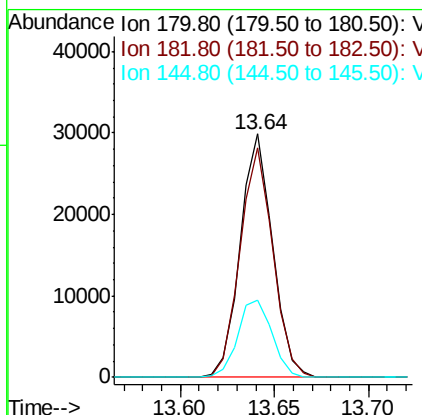
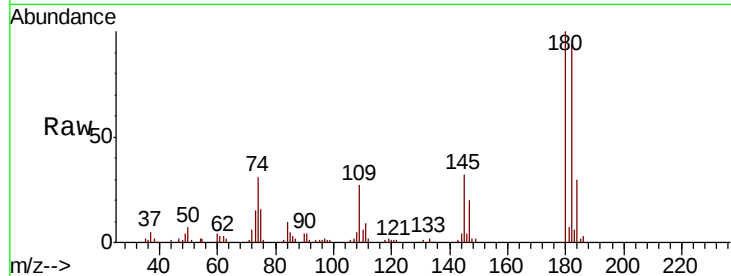
#93
 1,2,4-Trichlorobenzene
 Concen: 18.464 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	45.9	137.6
145	33.7	15.9	47.6

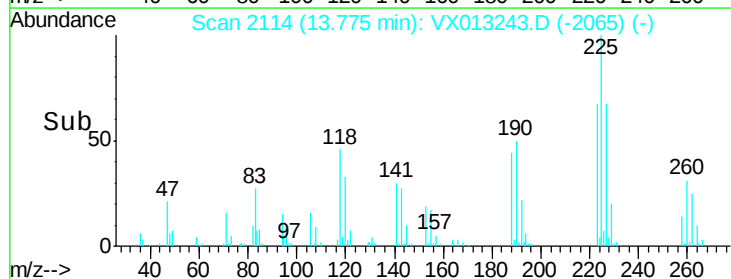
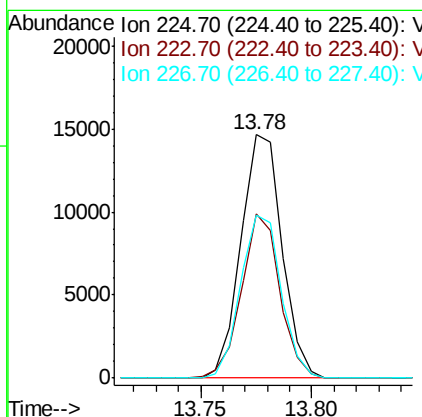
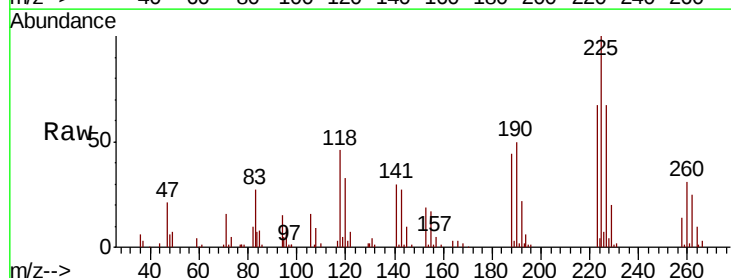
Manual Integrations
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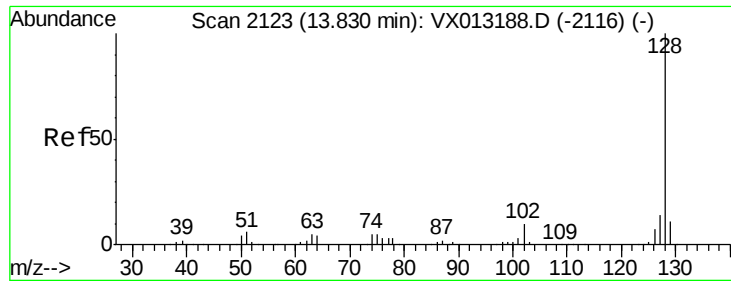
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 10/30/2019 12:07:37 PM



#94
 Hexachlorobutadiene
 Concen: 18.963 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.5
227	66.1	30.3	90.9





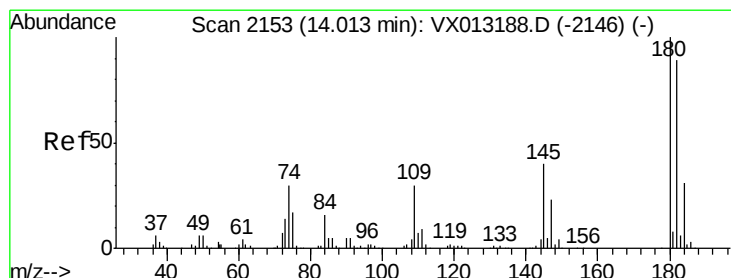
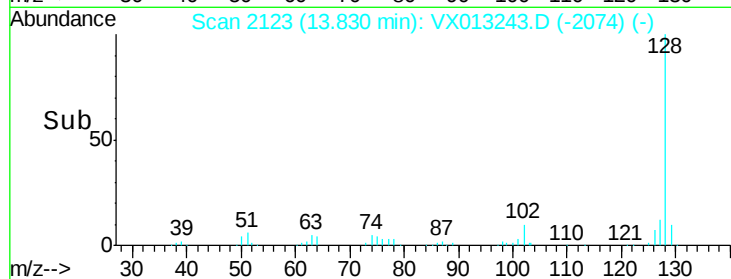
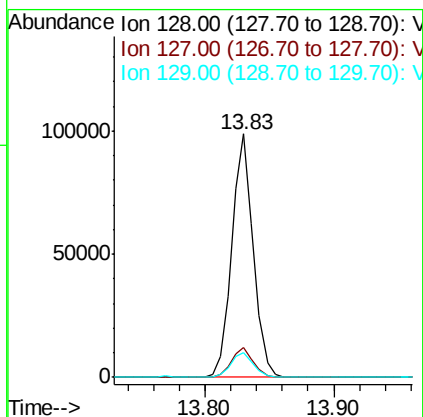
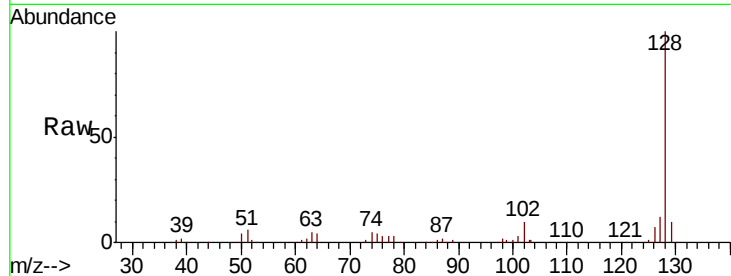
#95
Naphthalene
Concen: 19.477 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.7	16.1
129	10.6	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.799 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.3	144.9
145	35.0	18.6	55.6

