

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019623.D
 Acq On : 24 Nov 2020 22:53
 Operator : JC/MD
 Sample : VX1124WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:54:46 AM

Quant Time: Nov 25 06:34:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	272608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173328	49.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.08%
35) Dibromofluoromethane	5.46	113	139566	49.01	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.02%
50) Toluene-d8	8.70	98	547048	49.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.86%
62) 4-Bromofluorobenzene	11.12	95	198393	49.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.66%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	48770	18.397	ug/l 99
3) Chloromethane	1.31	50	54669	17.971	ug/l 97
4) Vinyl Chloride	1.39	62	59369	18.130	ug/l 100
5) Bromomethane	1.62	94	22198	17.896	ug/l 99
6) Chloroethane	1.69	64	38969	48.741	ug/l 97
7) Trichlorofluoromethane	1.90	101	85079	18.001	ug/l 97
8) Diethyl Ether	2.17	74	35211	18.602	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	47732	18.102	ug/l 96
10) Methyl Iodide	2.49	142	63559	18.348	ug/l 99
11) Tert butyl alcohol	3.03	59	71283	106.564	ug/l 99
12) 1,1-Dichloroethene	2.35	96	48049	17.754	ug/l 96
13) Acrolein	2.28	56	26096	58.037	ug/l 100
14) Allyl chloride	2.70	41	74911	17.668	ug/l 99
15) Acrylonitrile	3.12	53	153370	97.220	ug/l 99
16) Acetone	2.42	43	123698	90.496	ug/l 99
17) Carbon Disulfide	2.54	76	117067	16.101	ug/l 99
18) Methyl Acetate	2.75	43	65629	19.968	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	183357	19.627	ug/l 100
20) Methylene Chloride	2.83	84	61997	18.147	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	55447	18.082	ug/l 95
22) Diisopropyl ether	3.82	45	171415	19.544	ug/l 99
23) Vinyl Acetate	3.78	43	714243	97.084	ug/l 99
24) 1,1-Dichloroethane	3.67	63	100210	18.679	ug/l 99
25) 2-Butanone	4.64	43	197081	95.981	ug/l 97
26) 2,2-Dichloropropane	4.54	77	74781	15.970	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	66213	18.798	ug/l 97
28) Bromochloromethane	4.98	49	47835	18.650	ug/l 100
29) Tetrahydrofuran	5.09	42	127439	97.273	ug/l 99
30) Chloroform	5.17	83	106170	18.926	ug/l 99
31) Cyclohexane	5.54	56	85139	18.520	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	89626	18.600	ug/l 99
36) 1,1-Dichloropropene	5.77	75	76441	17.972	ug/l 99
37) Ethyl Acetate	4.79	43	76857	19.247	ug/l 99
38) Carbon Tetrachloride	5.75	117	75080	18.236	ug/l 96

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	86102	17.386	ug/l	98
40) Benzene	6.11	78	241363	18.469	ug/l	99
41) Methacrylonitrile	5.00	41	42887	19.477	ug/l	98
42) 1,2-Dichloroethane	6.16	62	84362	18.833	ug/l	100
43) Isopropyl Acetate	6.41	43	126002	18.771	ug/l	100
44) Trichloroethene	7.18	130	61853	18.069	ug/l	94
45) 1,2-Dichloropropane	7.49	63	61081	18.985	ug/l	100
46) Dibromomethane	7.63	93	41726	18.949	ug/l	99
47) Bromodichloromethane	7.87	83	79243	18.546	ug/l	99
48) Methyl methacrylate	7.74	41	61585	19.591	ug/l	99
49) 1,4-Dioxane	7.72	88	29634	415.178	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	388243	99.188	ug/l	100
52) Toluene	8.76	92	153040	19.142	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84733	18.362	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	94873	18.526	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	63175	19.403	ug/l	96
56) Ethyl methacrylate	9.16	69	91666	19.896	ug/l	100
57) 1,3-Dichloropropane	9.35	76	105910	19.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	252199	93.420	ug/l	100
59) 2-Hexanone	9.48	43	289646	97.569	ug/l	99
60) Dibromochloromethane	9.56	129	60332	18.918	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64785	19.303	ug/l	99
64) Tetrachloroethene	9.32	164	54529	16.361	ug/l	93
65) Chlorobenzene	10.12	112	162757	18.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	58441	18.430	ug/l	99
67) Ethyl Benzene	10.23	91	286281	18.746	ug/l	98
68) m/p-Xylenes	10.34	106	213472	37.519	ug/l	100
69) o-Xylene	10.68	106	103856	19.095	ug/l	99
70) Styrene	10.70	104	169456	17.923	ug/l	99
71) Bromoform	10.84	173	40855	17.716	ug/l #	99
73) Isopropylbenzene	11.00	105	275357	20.333	ug/l	99
74) N-amyl acetate	10.88	43	103026	20.302	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	91982	18.993	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	83644m	19.578	ug/l	
77) Bromobenzene	11.24	156	68691	19.869	ug/l	98
78) n-propylbenzene	11.34	91	303356	19.526	ug/l	100
79) 2-Chlorotoluene	11.40	91	187365	19.886	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	225692	19.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	25133	18.777	ug/l	95
82) 4-Chlorotoluene	11.49	91	217514	19.611	ug/l	99
83) tert-Butylbenzene	11.76	119	222961	20.286	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	229948	20.005	ug/l	100
85) sec-Butylbenzene	11.93	105	251152	19.208	ug/l	100
86) p-Isopropyltoluene	12.05	119	229057	19.295	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	118631	18.685	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	122164	18.680	ug/l	99
89) n-Butylbenzene	12.37	91	188877	17.599	ug/l	98
90) Hexachloroethane	12.58	117	36013	18.129	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	120090	18.832	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18261	18.483	ug/l	96

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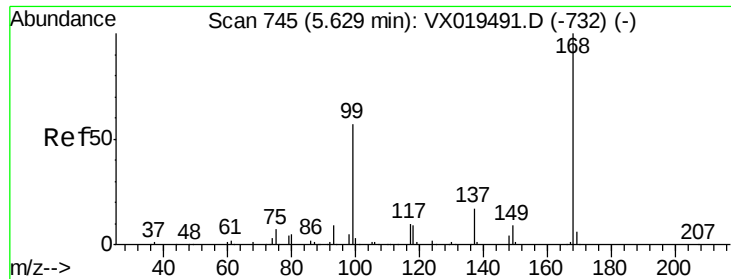
Manual Integrations
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QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	70565	17.236	ug/l	99
94) Hexachlorobutadiene	13.76	225	30282	16.237	ug/l	98
95) Naphthalene	13.82	128	245532	18.441	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	73827	18.028	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD02

Tot Ion:168 Resp: 272608

Ion Ratio Lower Upper

168 100

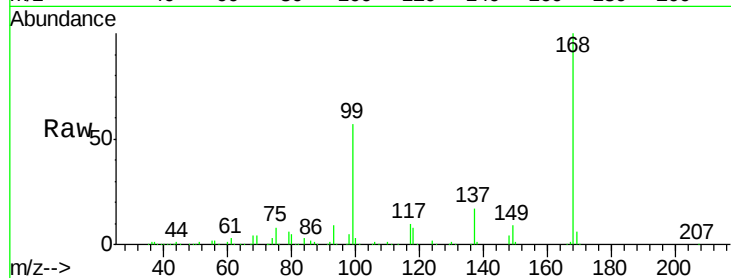
99 56.7 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

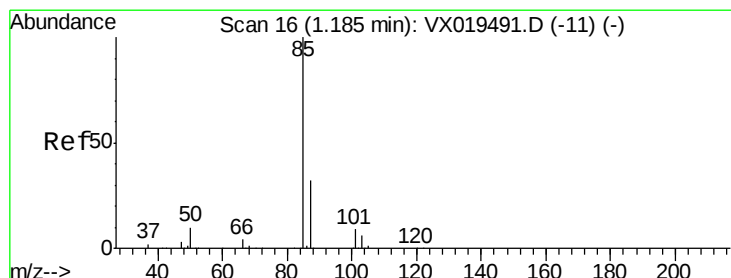
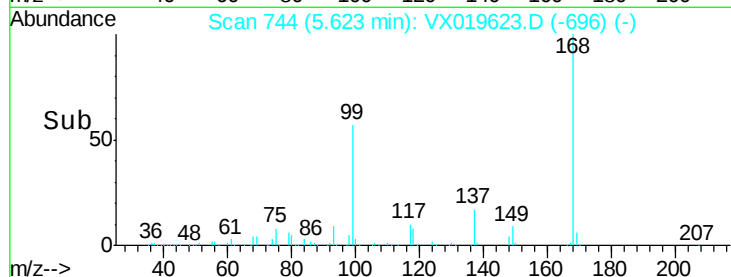
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.397 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019623.D

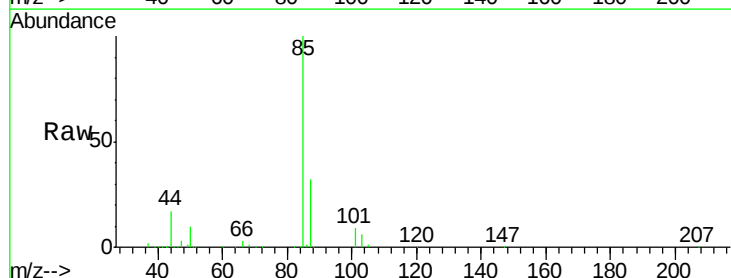
Acq: 24 Nov 2020 22:53

Tgt Ion: 85 Resp: 48770

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

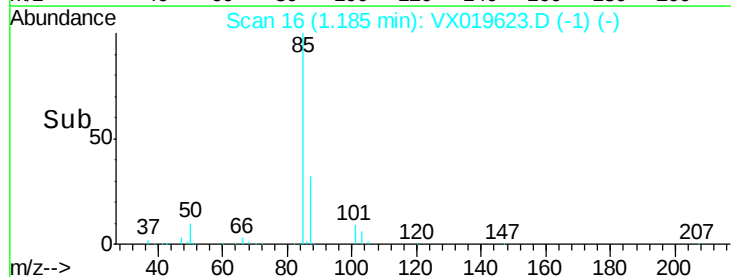
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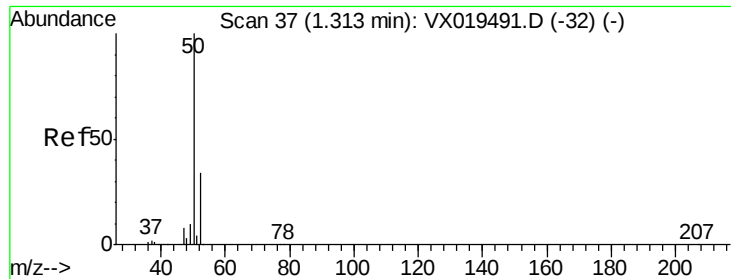
20000

10000

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Time-->





#3

Chloromethane

Concen: 17.971 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD02

Tot Ion: 50 Resp: 54669

Ion Ratio Lower Upper

50 100

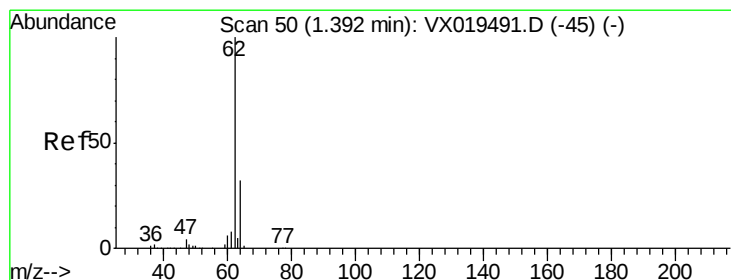
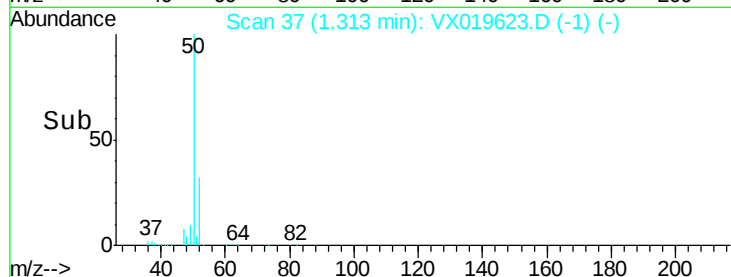
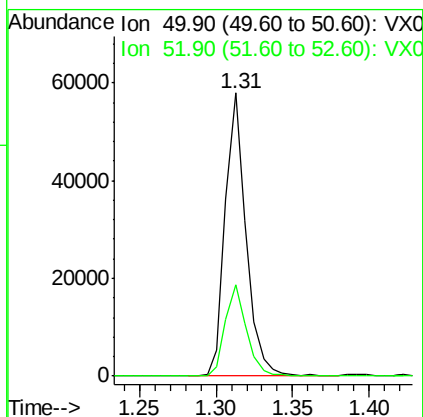
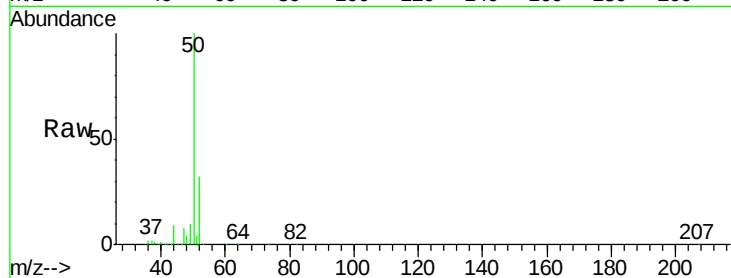
52 32.1 27.0 40.6

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#4

Vinyl Chloride

Concen: 18.130 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019623.D

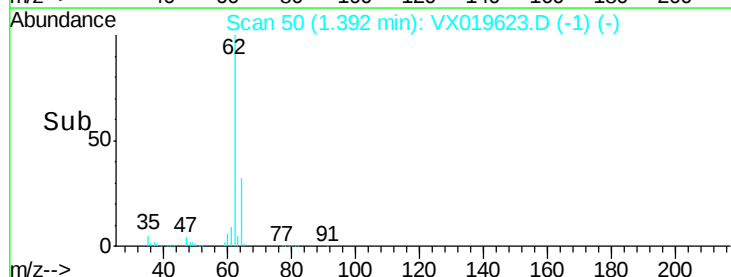
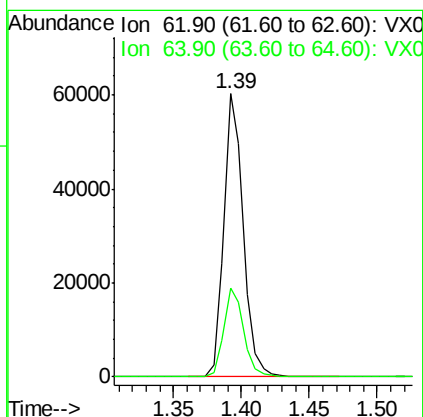
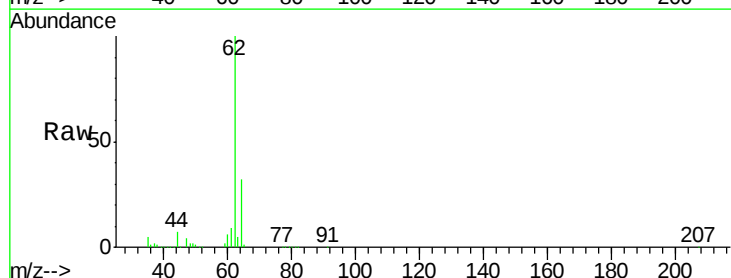
Acq: 24 Nov 2020 22:53

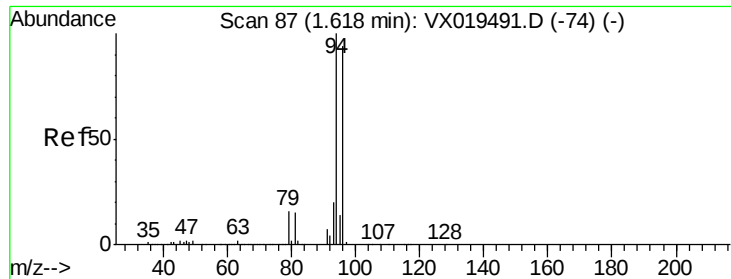
Tgt Ion: 62 Resp: 59369

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 17.896 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD02

Tot Ion: 94 Resp: 22198

Ion Ratio Lower Upper

94 100

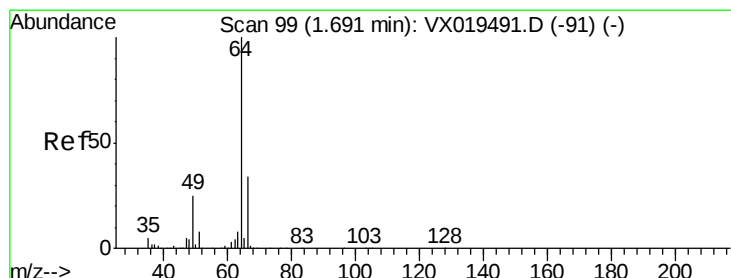
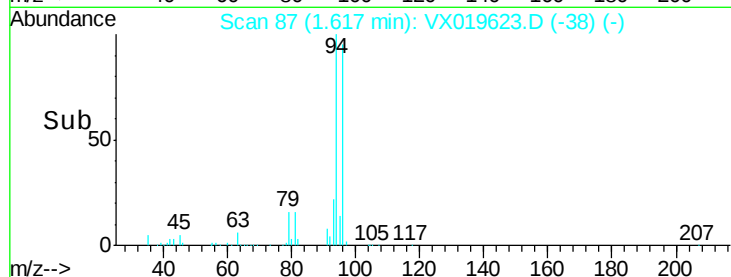
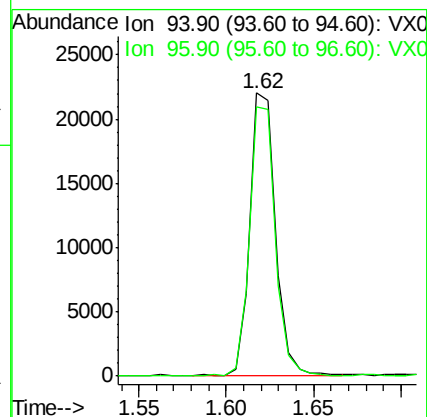
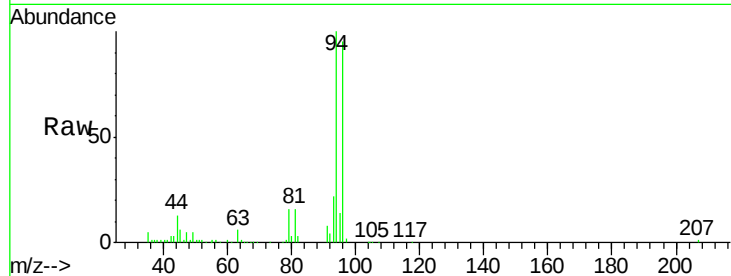
96 95.2 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 48.741 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019623.D

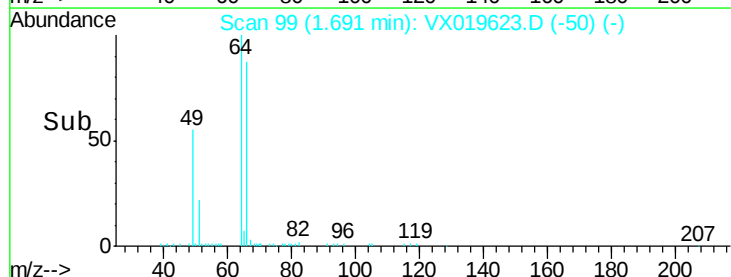
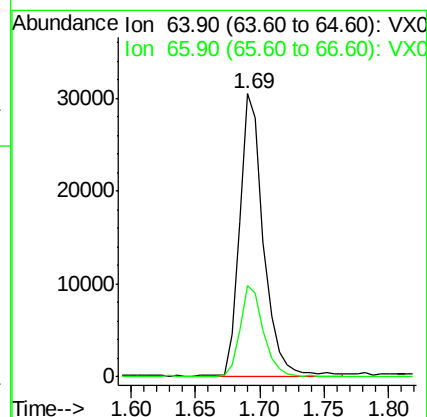
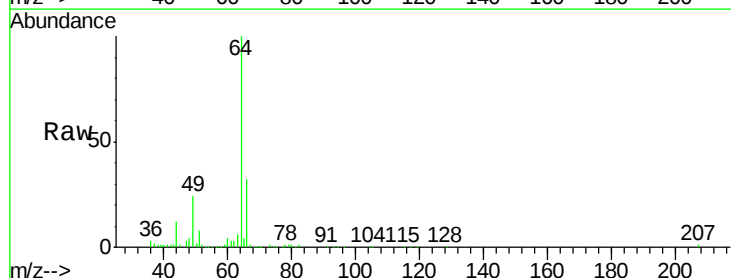
Acq: 24 Nov 2020 22:53

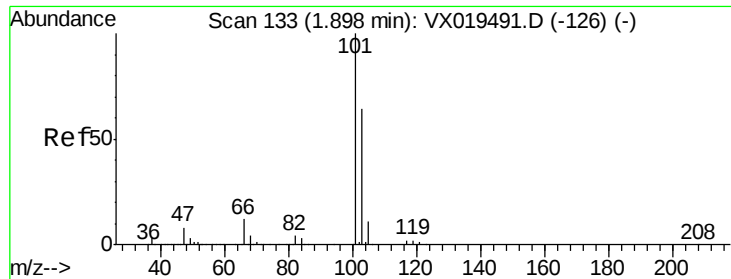
Tgt Ion: 64 Resp: 38969

Ion Ratio Lower Upper

64 100

66 32.4 27.1 40.7





#7

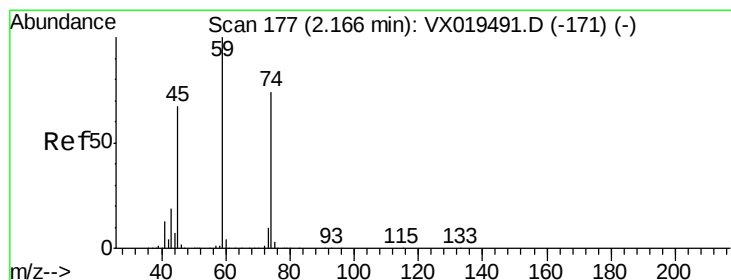
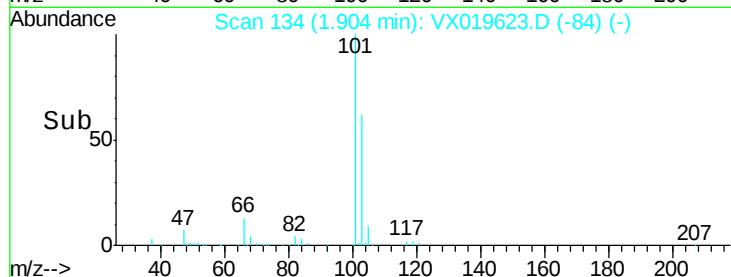
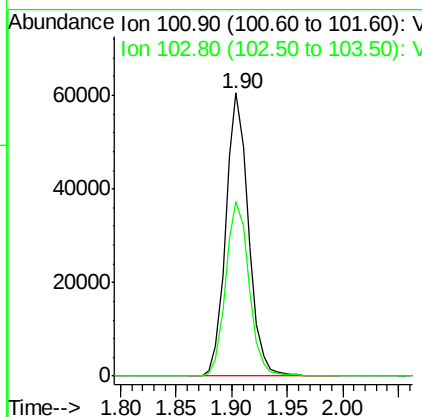
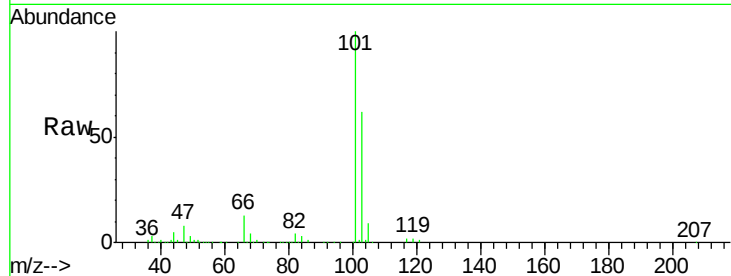
Trichlorofluoromethane
Concen: 18.001 ug/l
RT: 1.90 min Scan# 134
Delta R.T. 0.01 min
Lab File: VX019623.D
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ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	50.9	76.3

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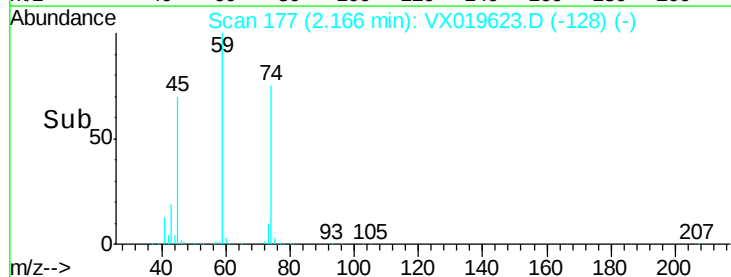
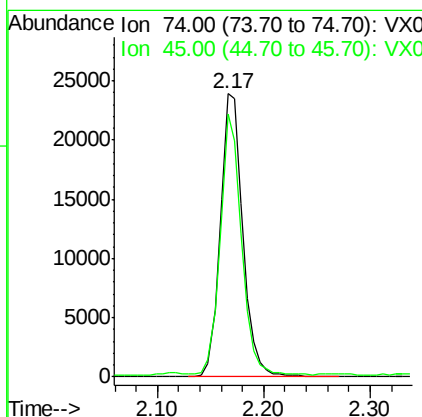
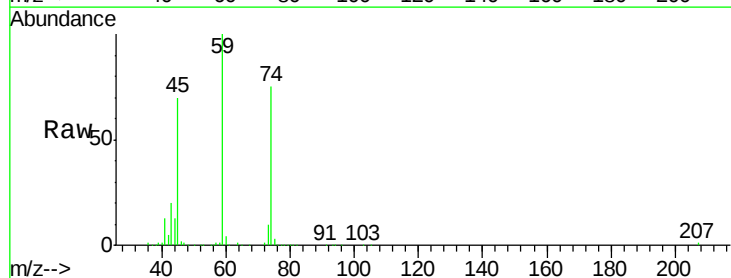
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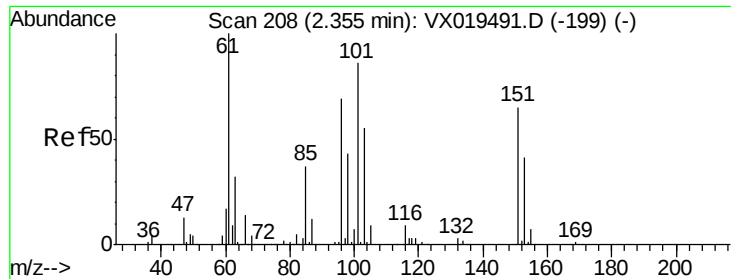


#8

Diethyl Ether
Concen: 18.602 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.5	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.102 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

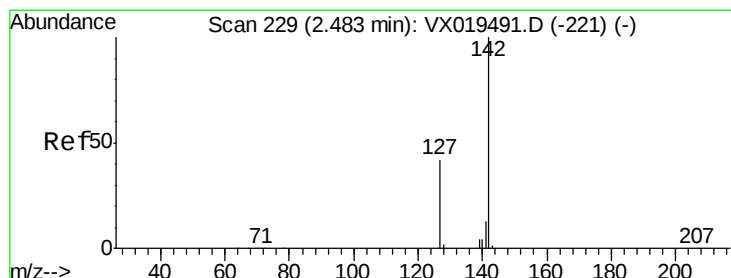
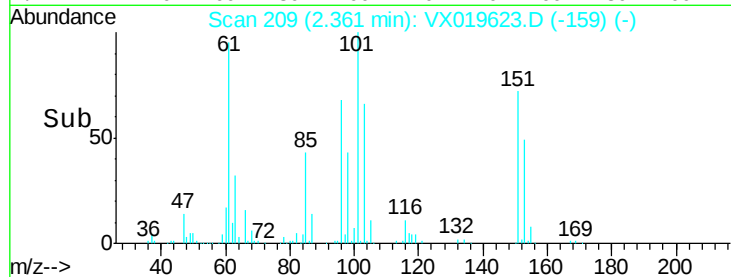
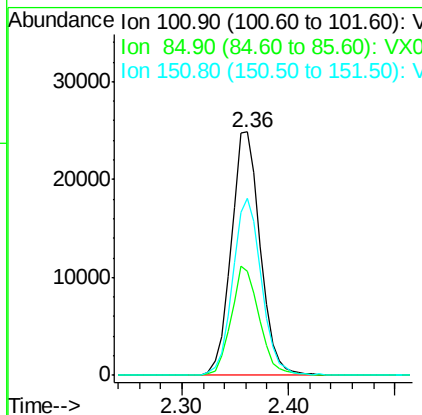
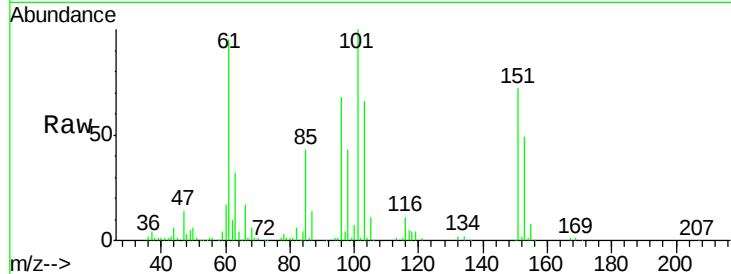
ClientSampleId :

VX1124WBSD02

Tot Ion:	101	Resp:	47732
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.9	50.9
151	71.8	60.9	91.3

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#10

Methyl Iodide

Concen: 18.348 ug/l

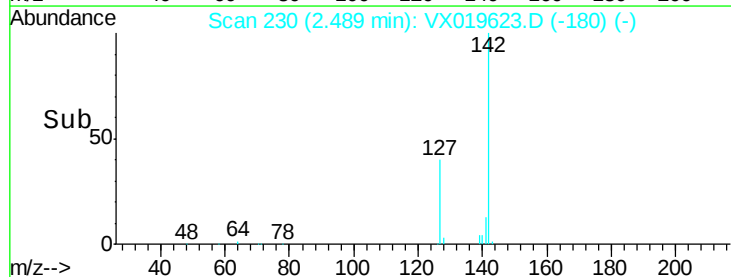
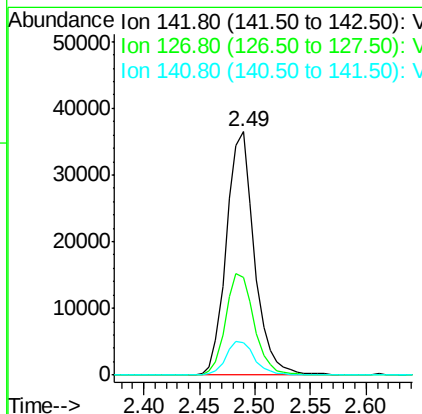
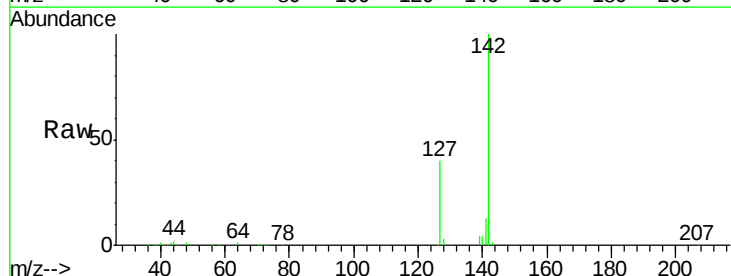
RT: 2.49 min Scan# 230

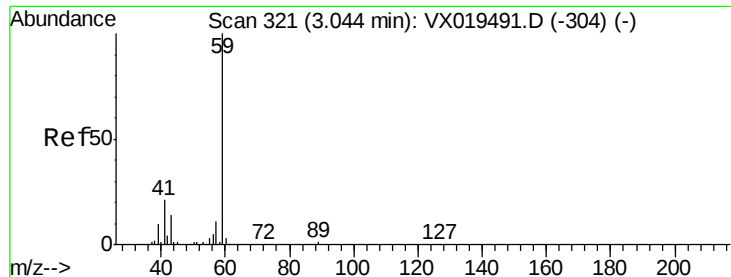
Delta R.T. 0.01 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Tgt Ion:	142	Resp:	63559
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.8	50.6
141	14.2	11.0	16.6





#11

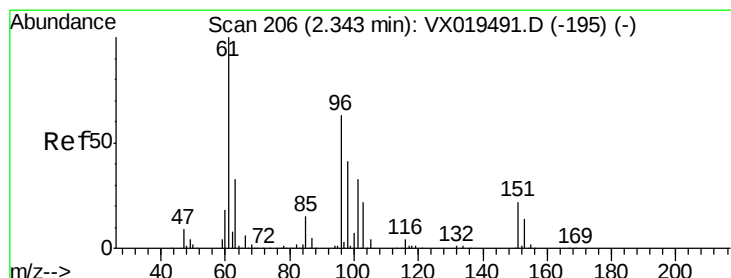
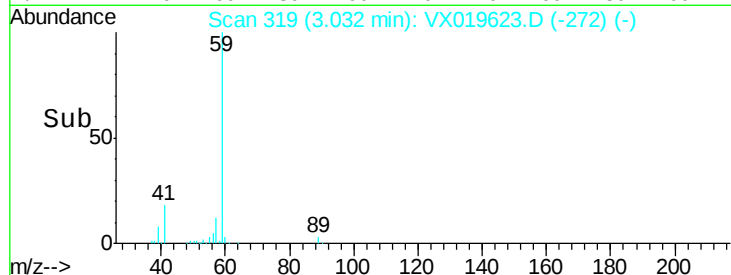
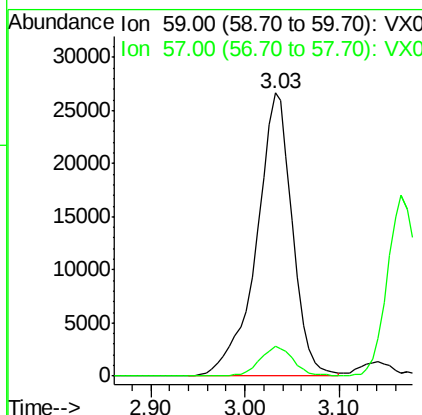
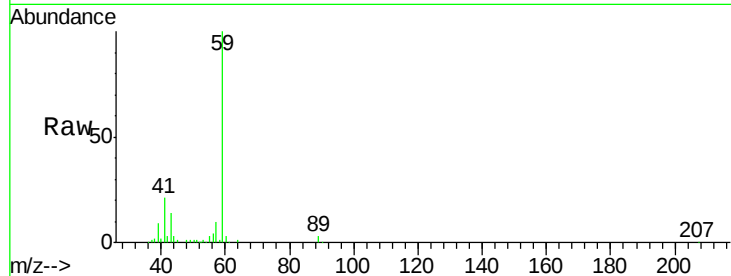
Tert butyl alcohol
Concen: 106.564 ug/l
RT: 3.03 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	59	57	Ratio	100	9.7	Resp	71283	Lower	Upper
Ion	59	57	Ratio	100	9.7	Resp	71283	Lower	Upper
								7.9	11.9

Manual Integrations
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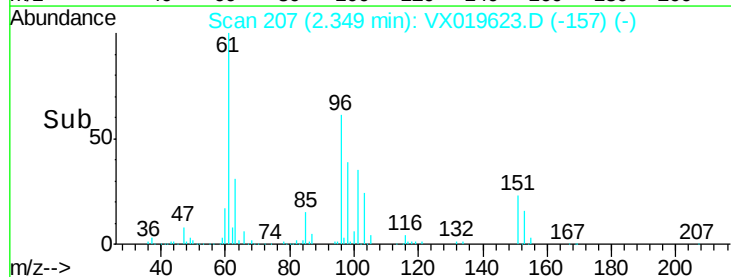
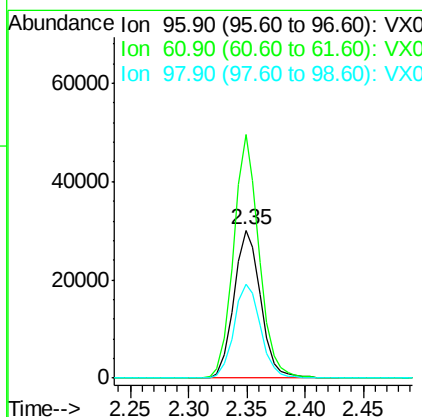
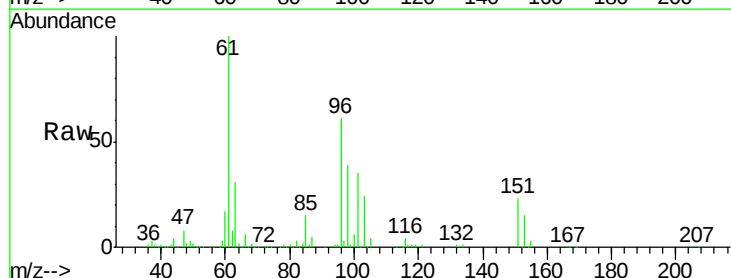
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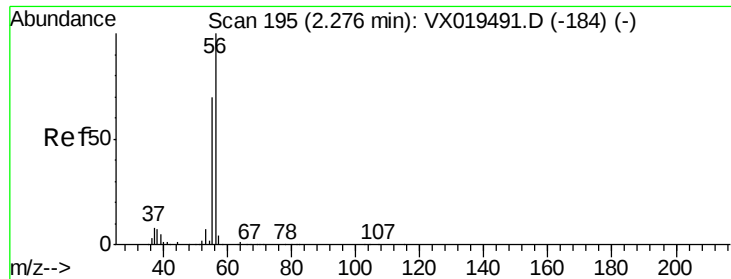


#12

1,1-Dichloroethene
Concen: 17.754 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	96	61	98	Ratio	100	164.5	63.5	Resp	48049	Lower	Upper
Ion	96	61	98	Ratio	100	164.5	63.5	Resp	48049	Lower	Upper
										126.0	189.0
										52.0	78.0





#13

Acrolein

Concen: 58.037 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD02

Tot Ion: 56 Resp: 26096

Ion Ratio Lower Upper

56 100

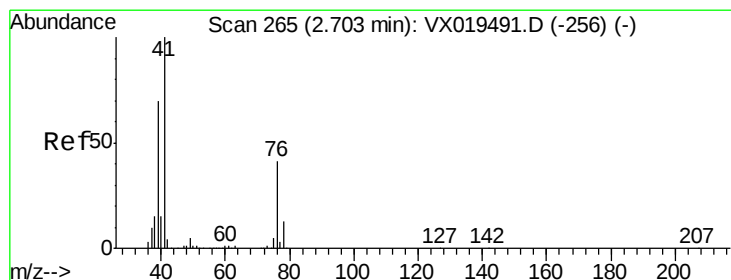
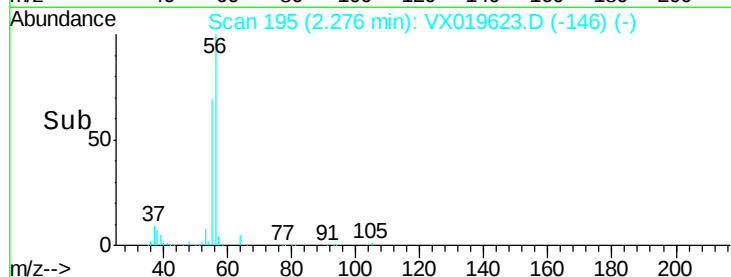
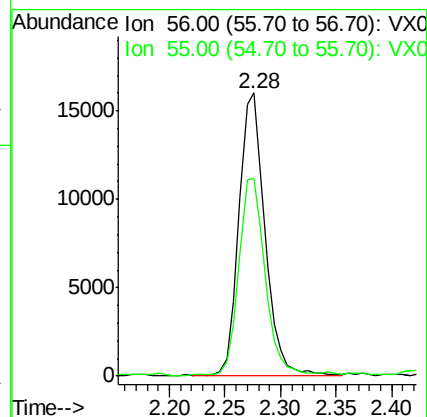
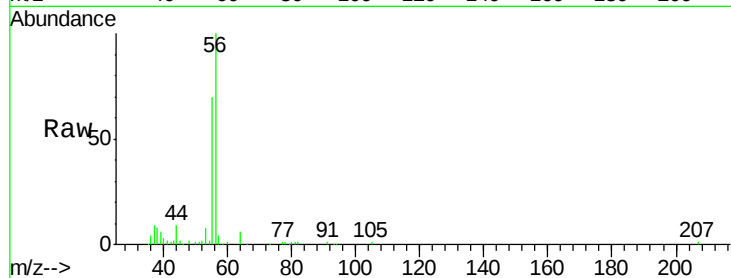
55 69.3 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 17.668 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

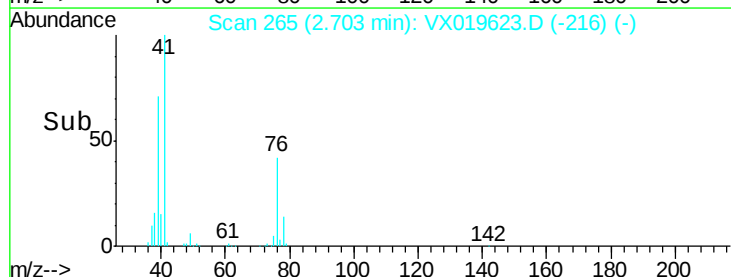
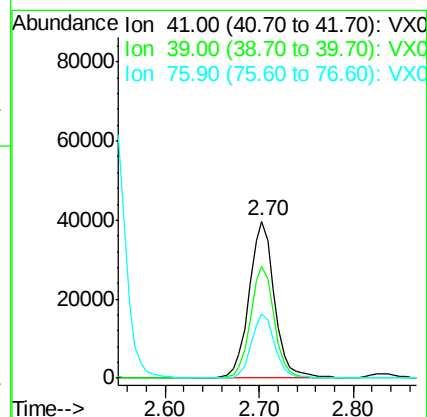
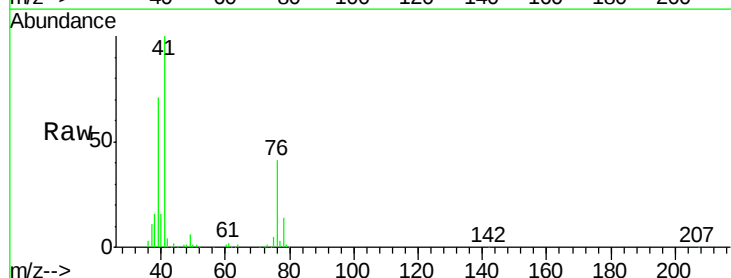
Tgt Ion: 41 Resp: 74911

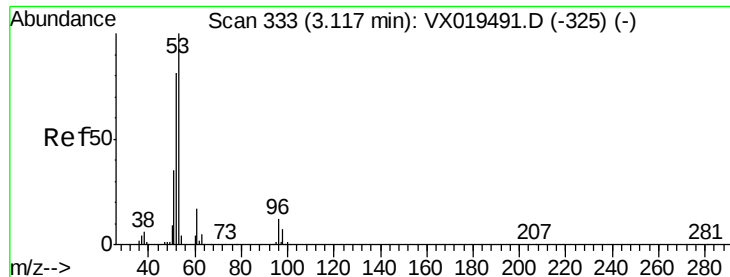
Ion Ratio Lower Upper

41 100

39 66.4 53.0 79.4

76 37.9 31.0 46.6





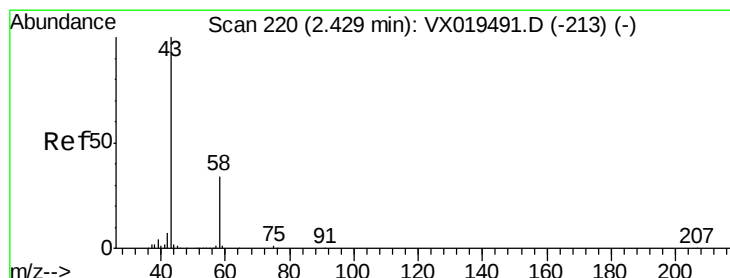
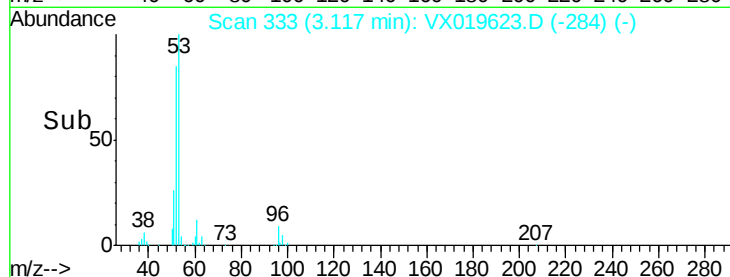
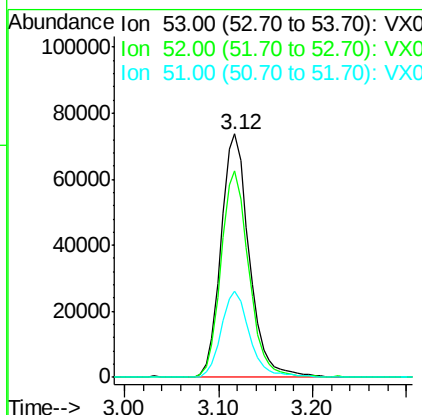
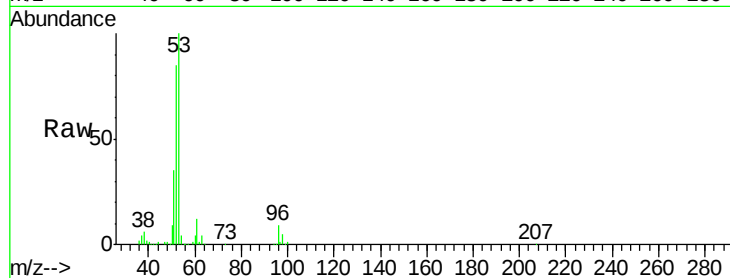
#15
 Acrylonitrile
 Concen: 97.220 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.2	99.2
51	36.0	28.5	42.7

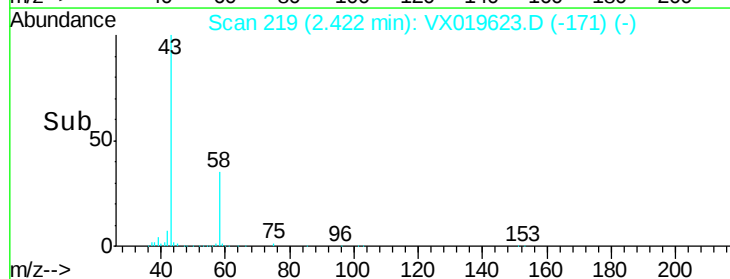
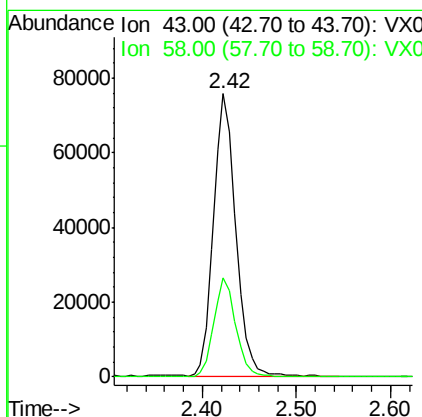
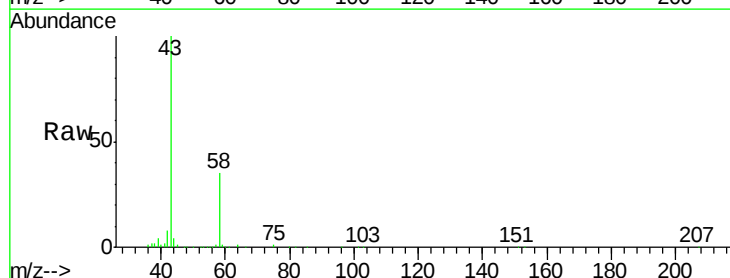
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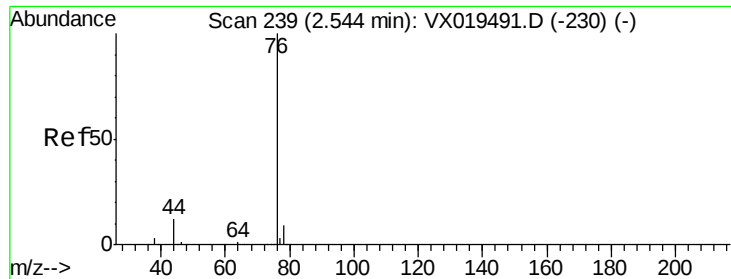
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#16
 Acetone
 Concen: 90.496 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.4	41.2





#17

Carbon Disulfide

Concen: 16.101 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD02

Tot Ion: 76 Resp: 117067

Ion Ratio Lower Upper

76 100

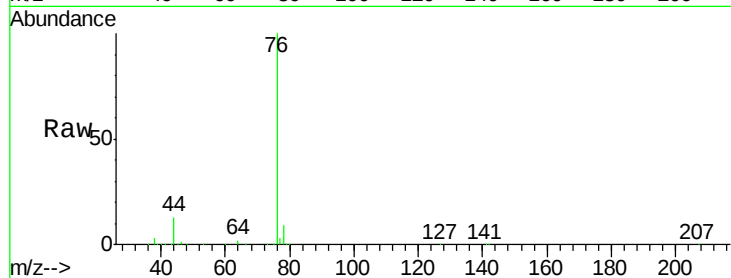
78 9.4 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

80000

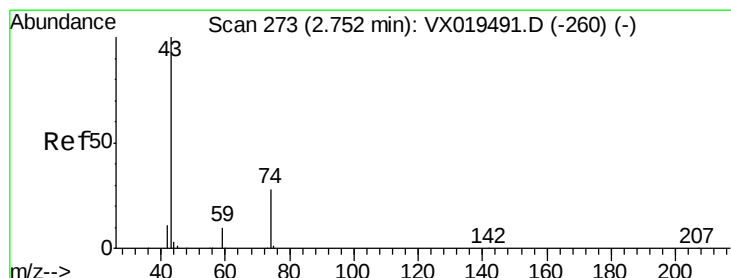
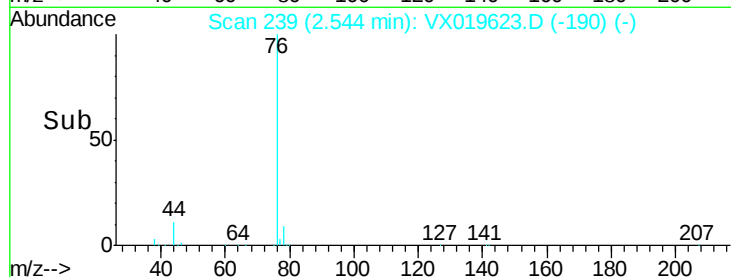
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 19.968 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019623.D

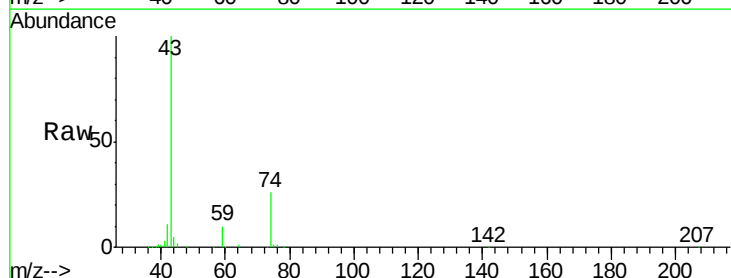
Acq: 24 Nov 2020 22:53

Tgt Ion: 43 Resp: 65629

Ion Ratio Lower Upper

43 100

74 27.6 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

40000

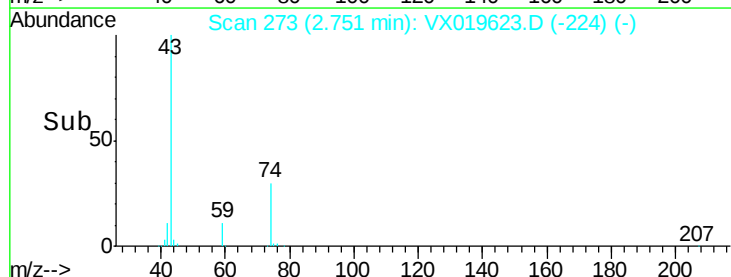
30000

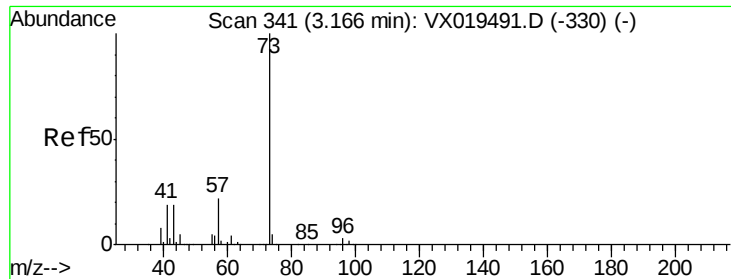
20000

10000

0

Time-->





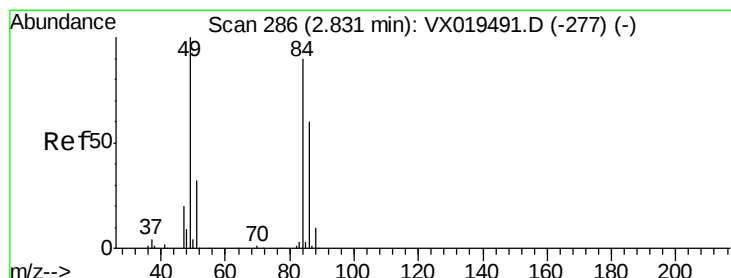
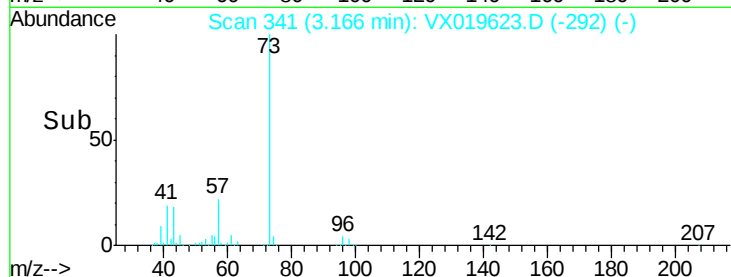
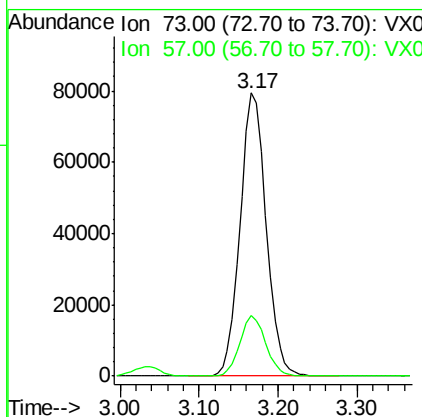
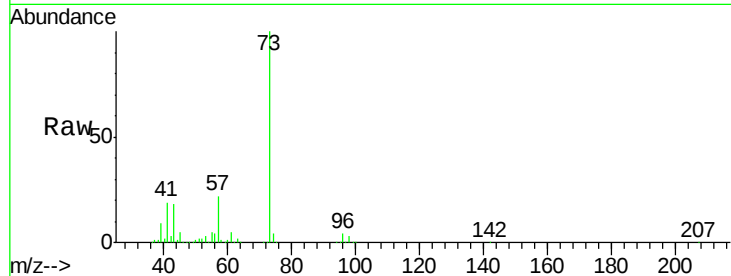
#19
Methvl tert-butvl Ether
Concen: 19.627 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.3	25.9

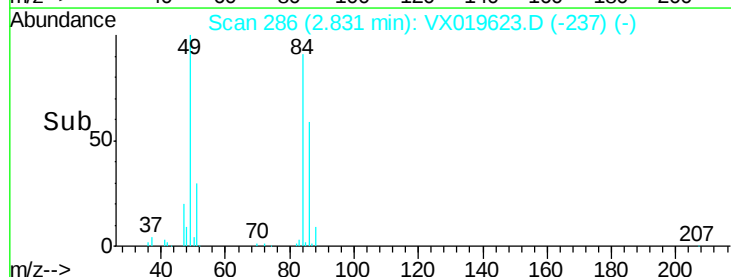
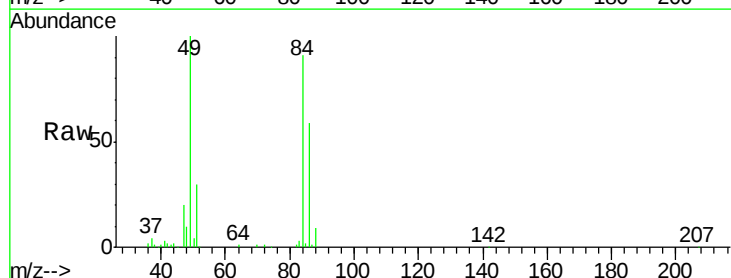
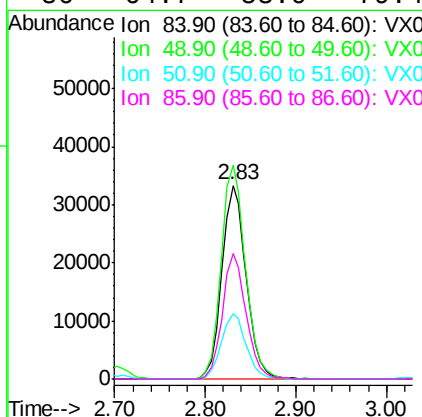
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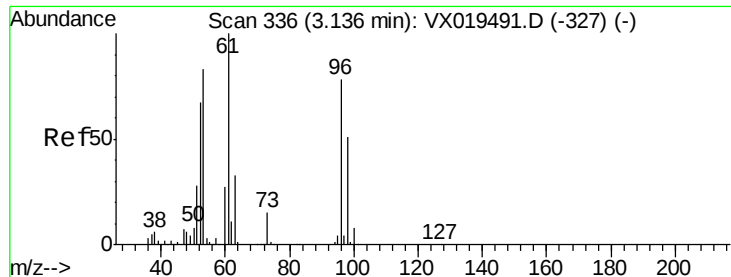
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#20
Methylene Chloride
Concen: 18.147 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.3	88.5	132.7
51	33.5	28.0	42.0
86	64.7	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 18.082 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

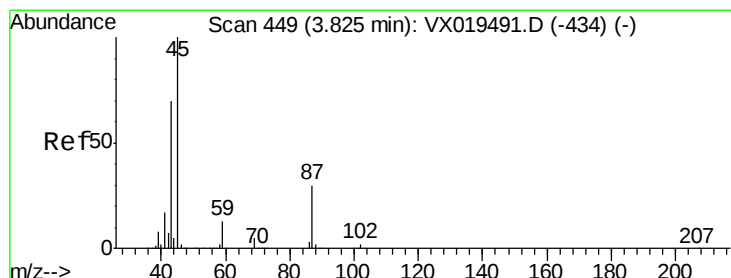
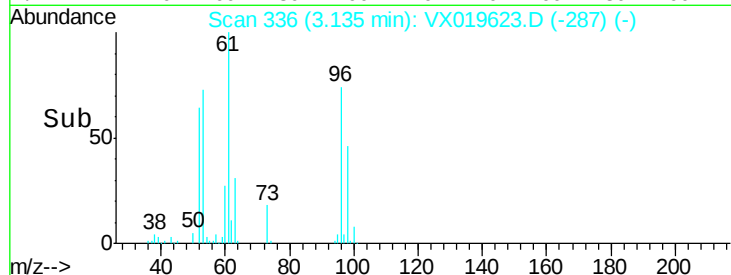
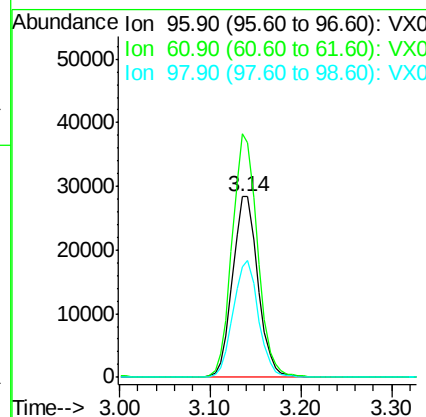
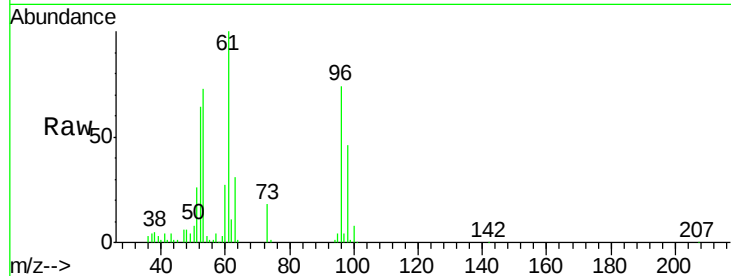
ClientSampleId :

VX1124WBSD02

Tot Ion:	96	Resp:	55447
Ion	Ratio	Lower	Upper
96	100		
61	134.9	102.9	154.3
98	61.6	52.1	78.1

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#22

Diisopropyl ether

Concen: 19.544 ug/l

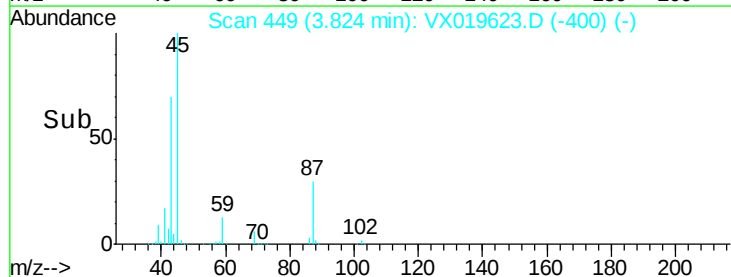
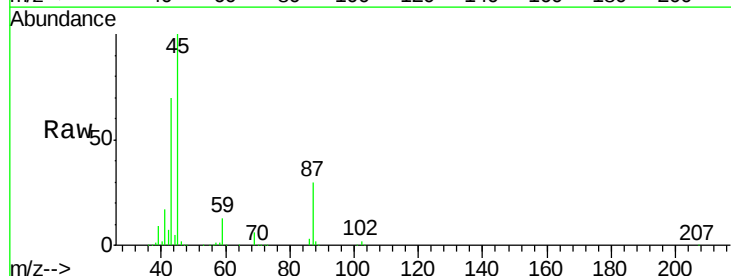
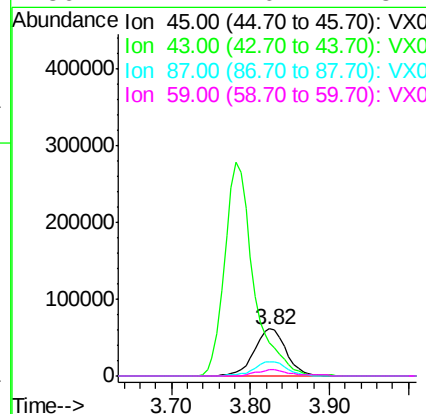
RT: 3.82 min Scan# 449

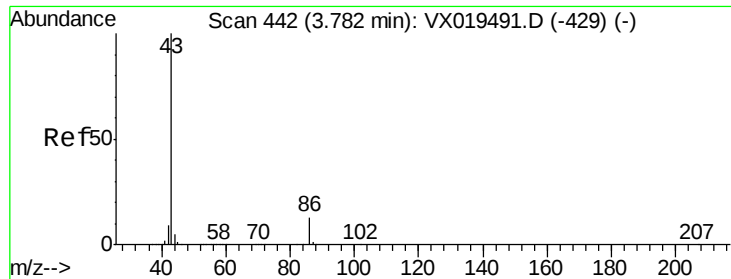
Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Tgt Ion:	45	Resp:	171415
Ion	Ratio	Lower	Upper
45	100		
43	69.3	56.1	84.1
87	30.1	24.2	36.2
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 97.084 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD02

Tot Ion: 43 Resp: 714243

Ion Ratio Lower Upper

43 100

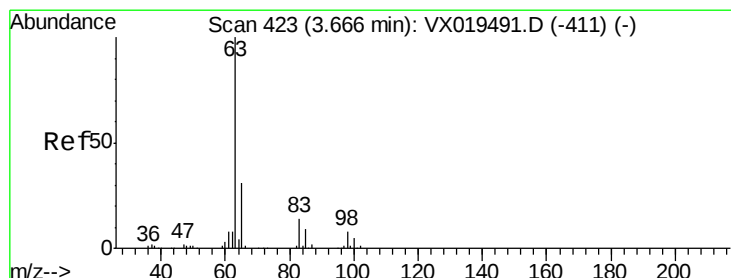
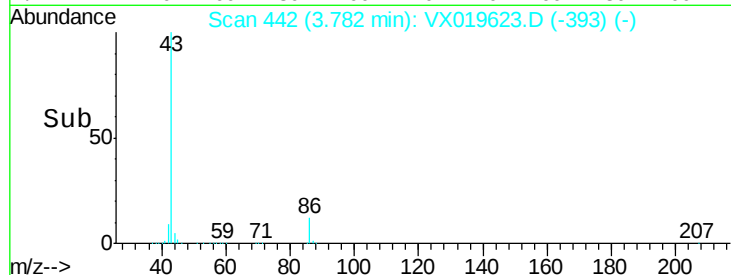
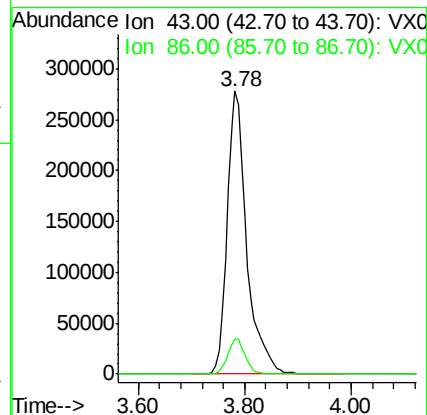
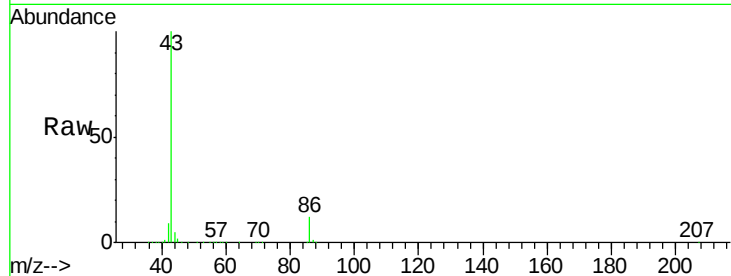
86 12.4 10.2 15.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.679 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

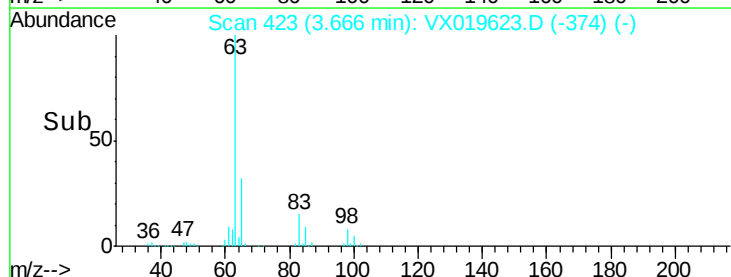
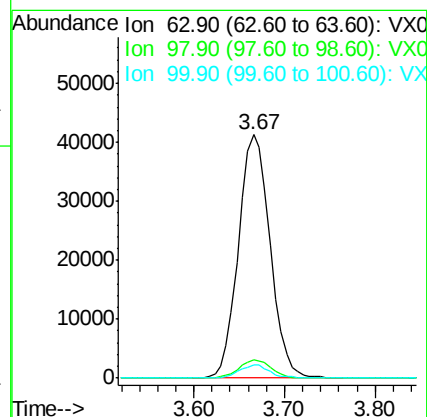
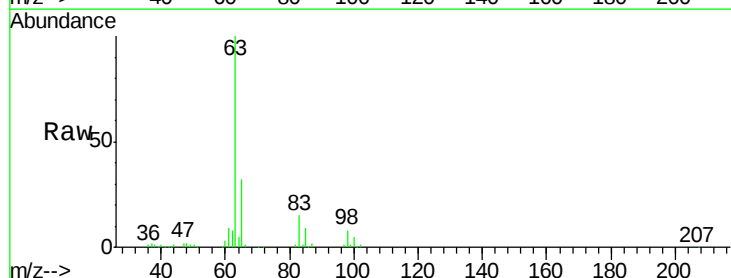
Tgt Ion: 63 Resp: 100210

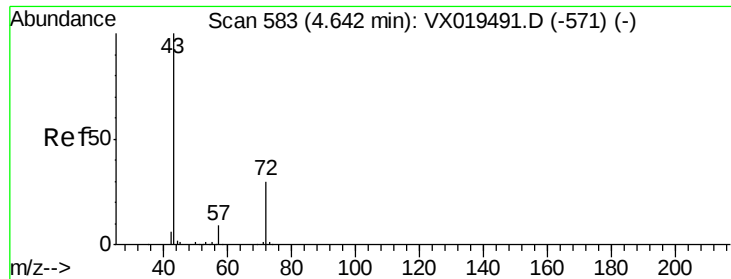
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 5.5 2.4 7.1





#25

2-Butanone

Concen: 95.981 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD02

Tot Ion: 43 Resp: 197081

Ion Ratio Lower Upper

43 100

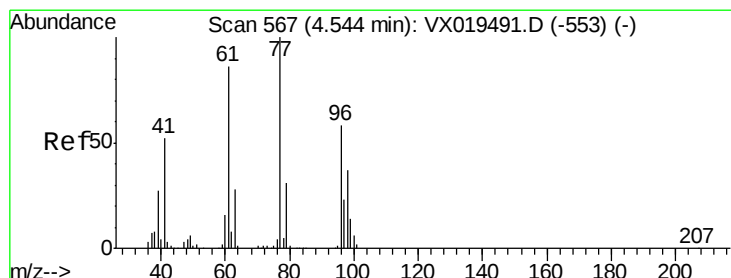
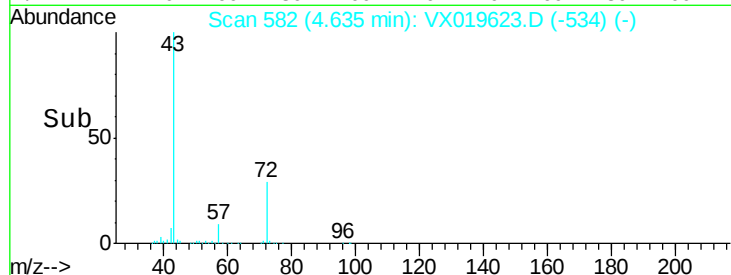
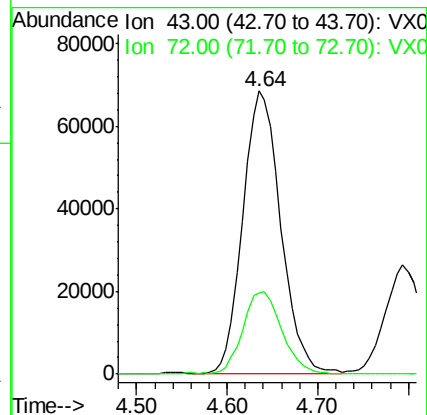
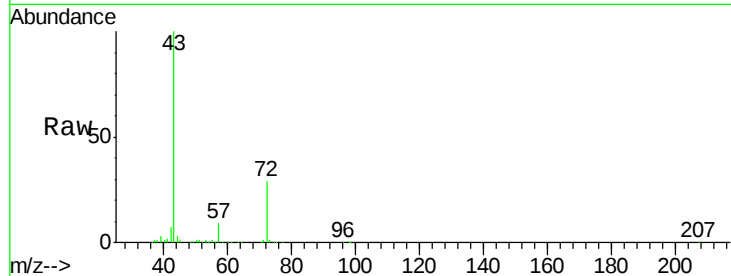
72 28.3 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.970 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019623.D

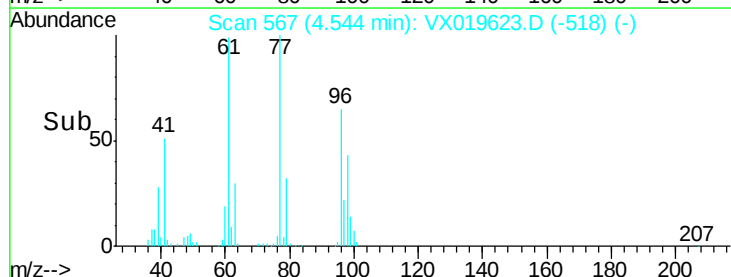
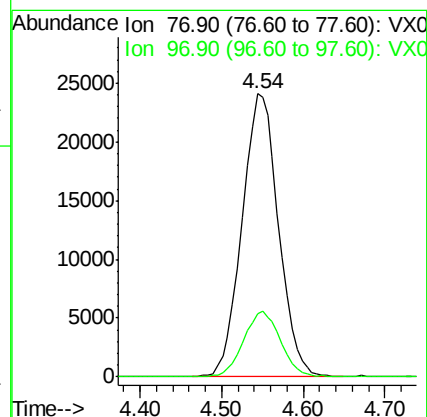
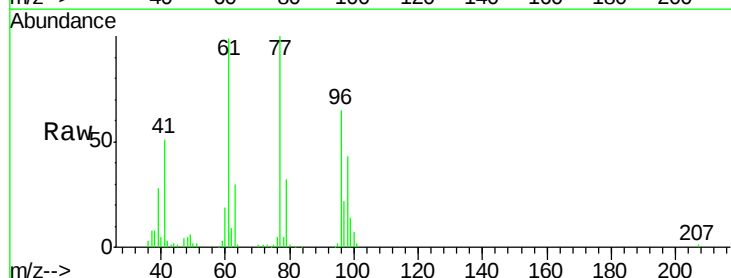
Acq: 24 Nov 2020 22:53

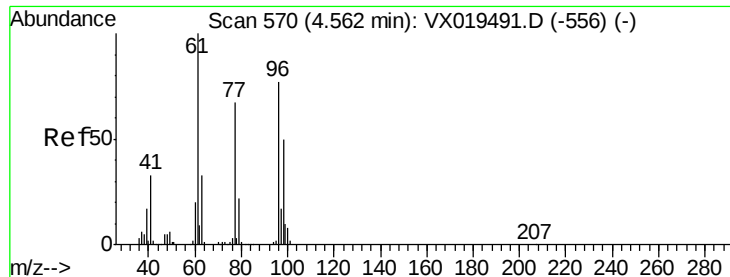
Tgt Ion: 77 Resp: 74781

Ion Ratio Lower Upper

77 100

97 23.5 11.6 34.8





#27

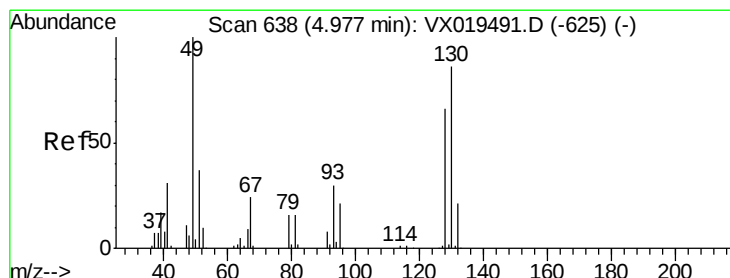
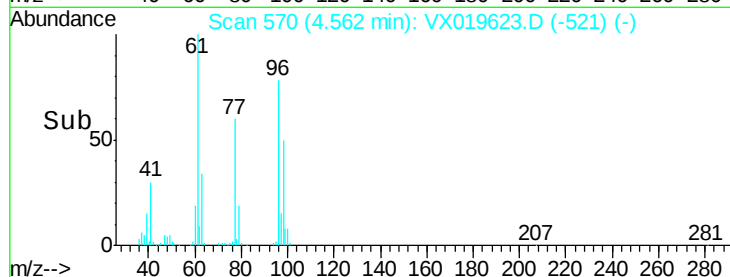
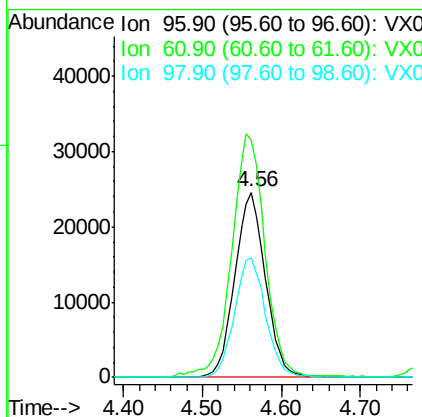
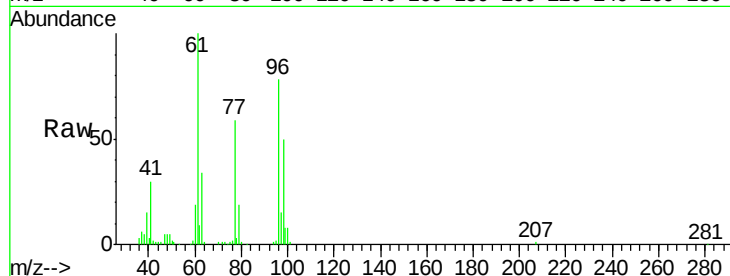
cis-1,2-Dichloroethene
Concen: 18.798 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	279.2
98	65.5	0.0	129.8

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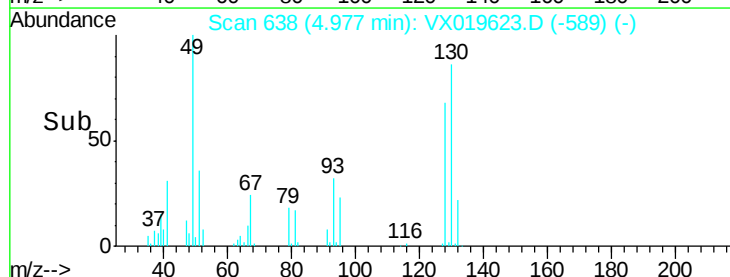
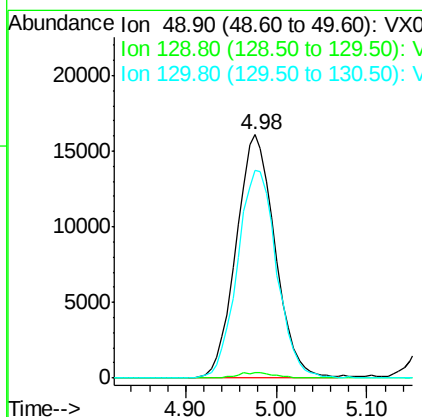
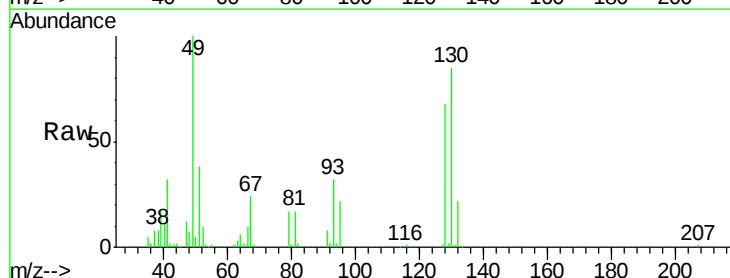
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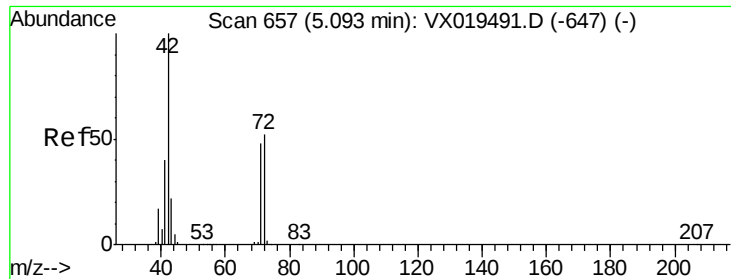


#28

Bromochloromethane
Concen: 18.650 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	86.0	69.0	103.6





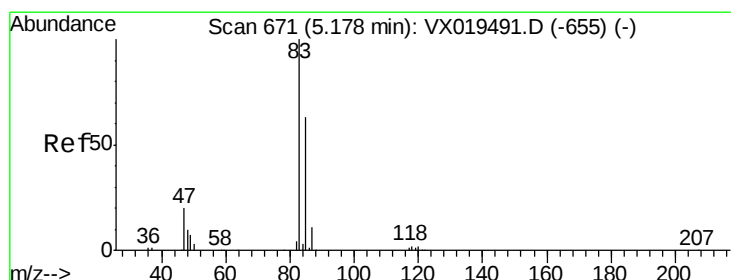
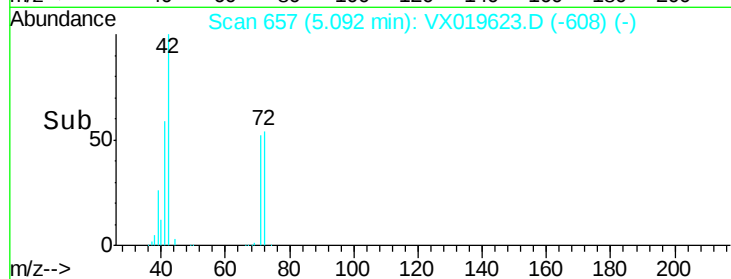
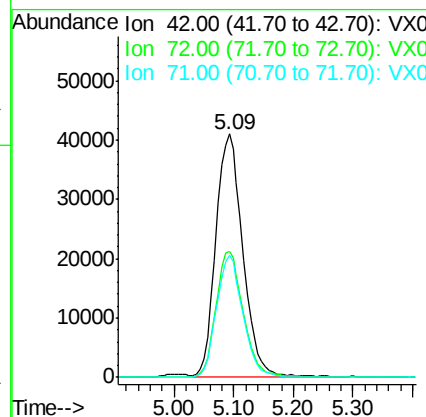
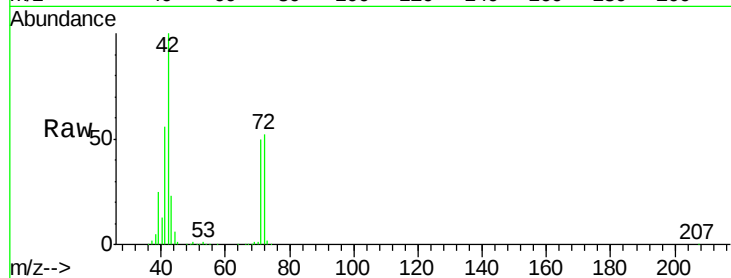
#29
Tetrahydrofuran
Concen: 97.273 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.7	42.6	63.8
71	49.1	39.0	58.6

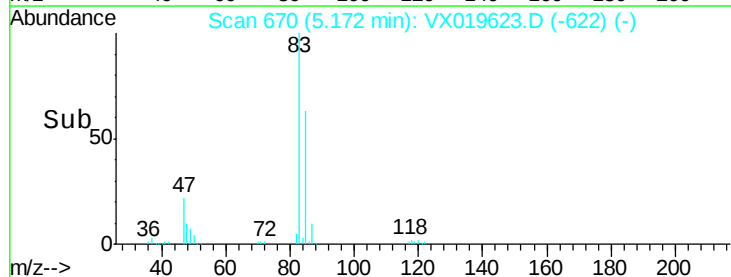
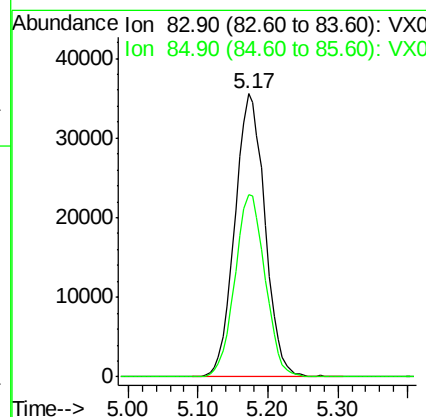
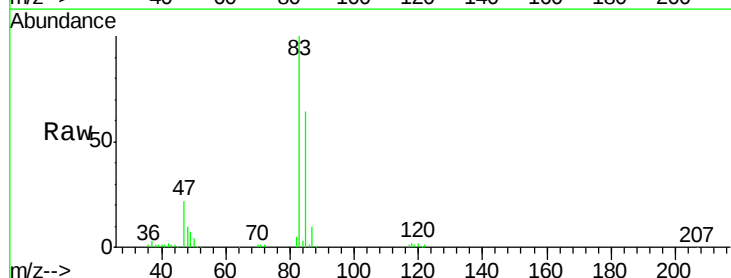
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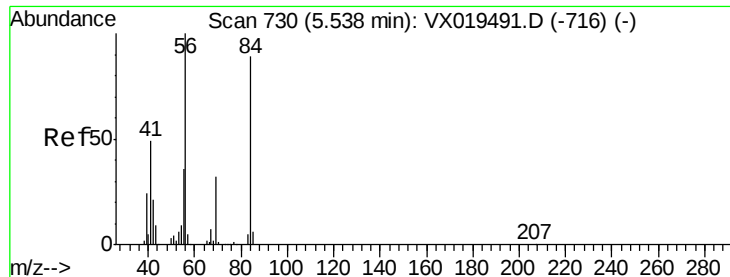
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#30
Chloroform
Concen: 18.926 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.5	75.7





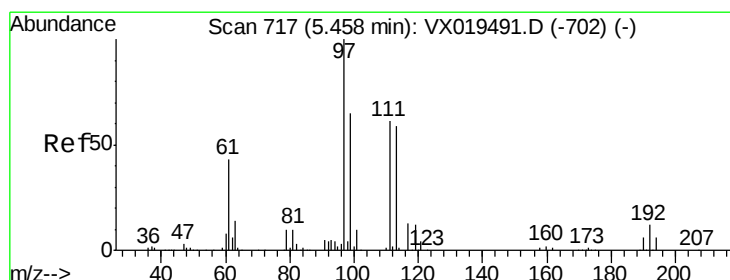
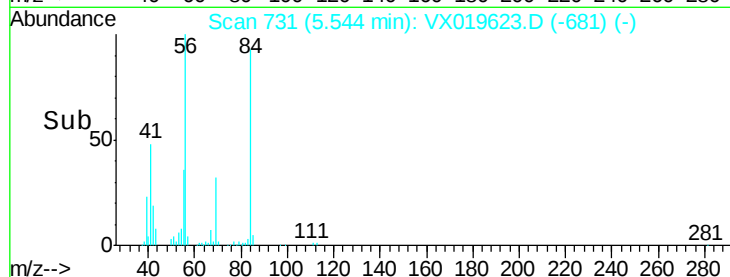
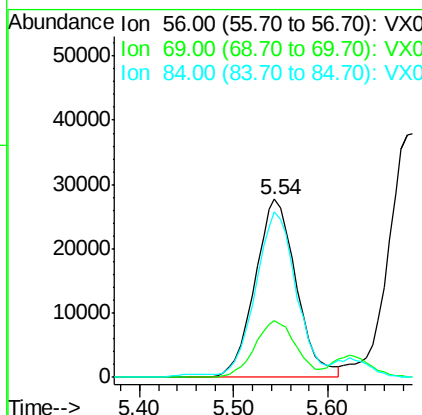
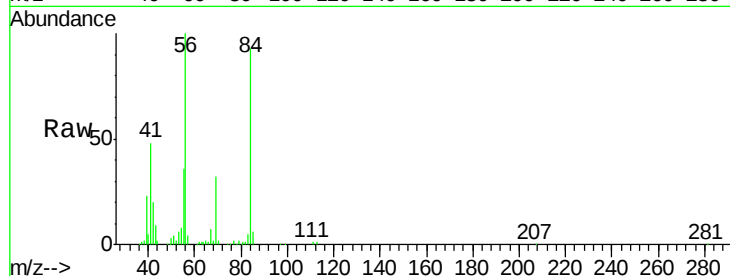
#31
Cyclohexane
Concen: 18.520 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.5	38.3
84	91.6	71.1	106.7

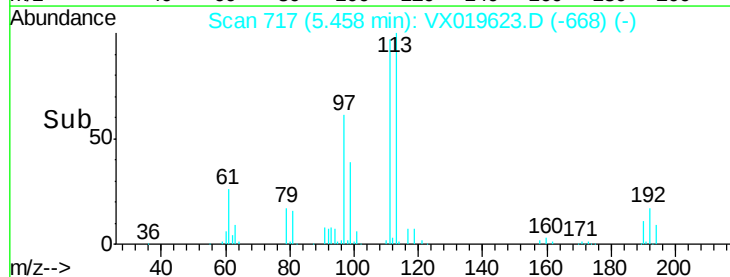
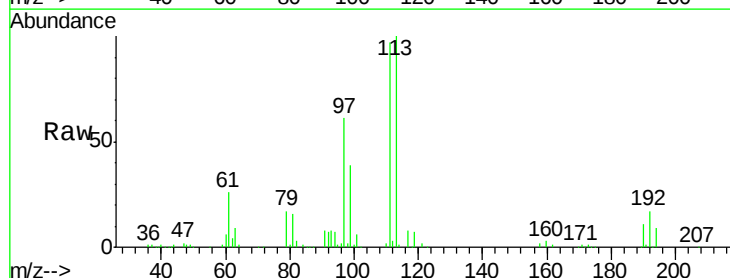
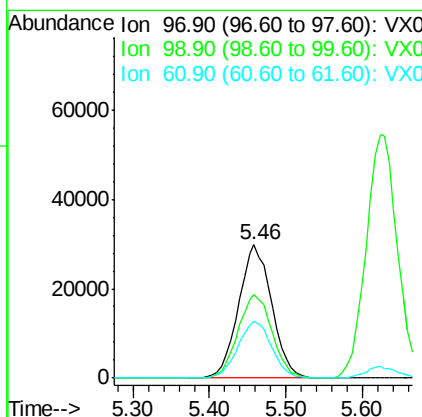
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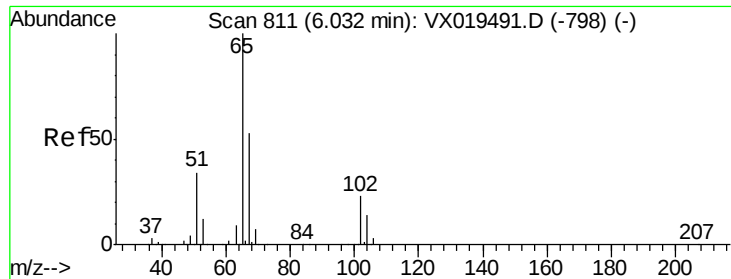
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#32
1,1,1-Trichloroethane
Concen: 18.600 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	43.5	34.2	51.2





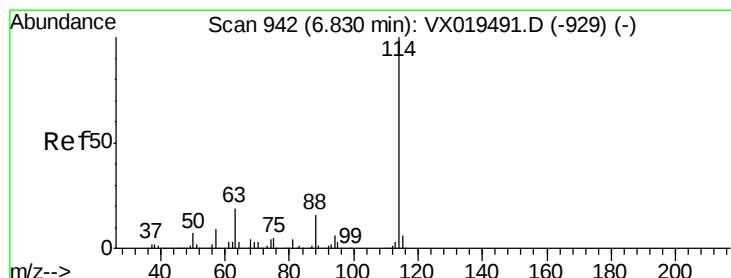
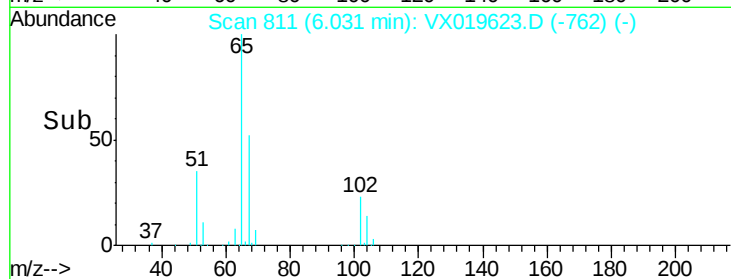
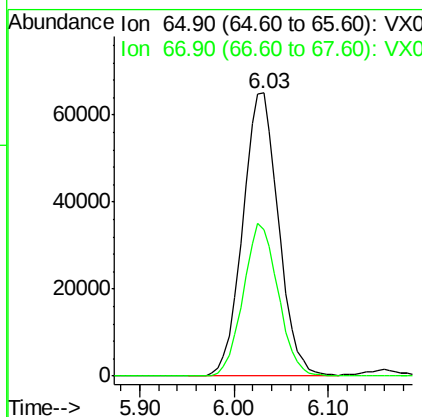
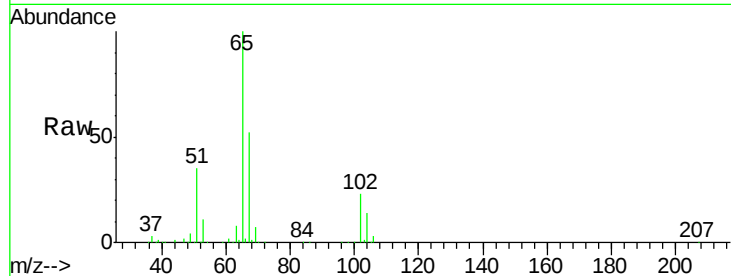
#33
 1,2-Dichloroethane-d4
 Concen: 49.038 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.5	0.0	105.0	

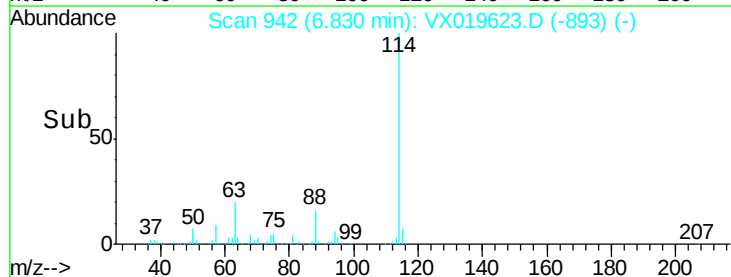
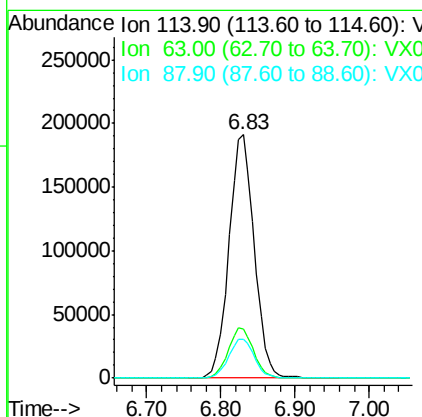
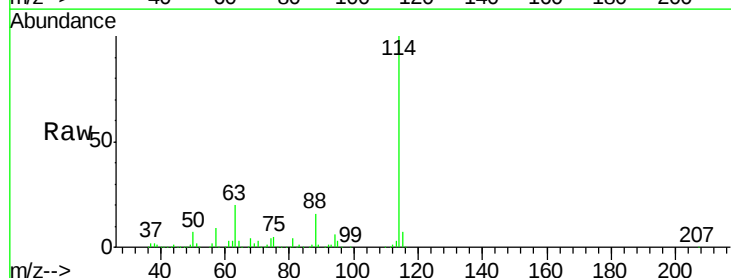
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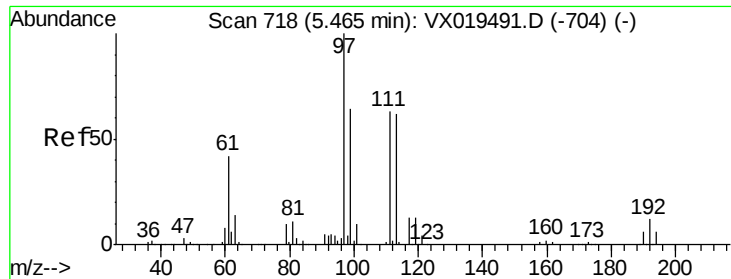
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.2	0.0	38.8	
88	16.1	0.0	31.6	





#35

Dibromofluoromethane

Concen: 49.007 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

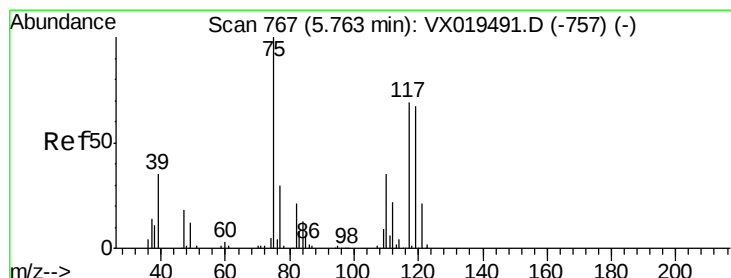
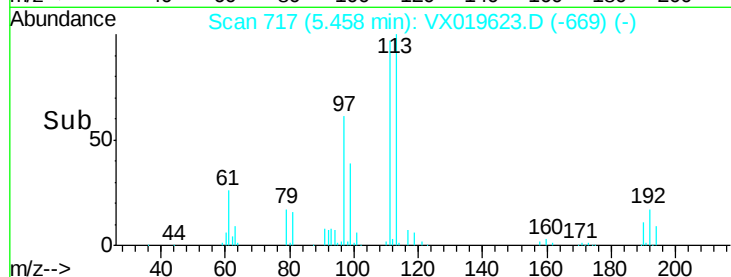
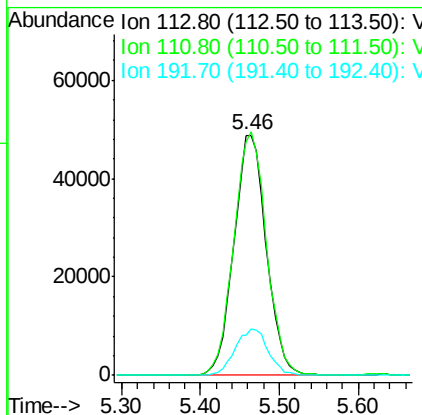
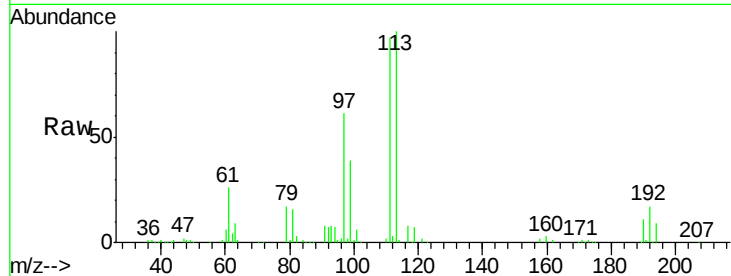
ClientSampleId :

VX1124WBSD02

Tot Ion:	113	Resp:	139566
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.5	122.3
192	19.7	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 17.972 ug/l

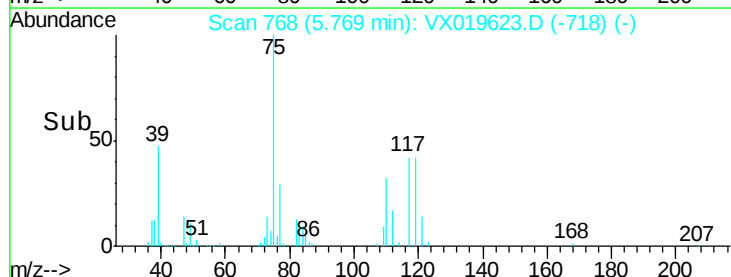
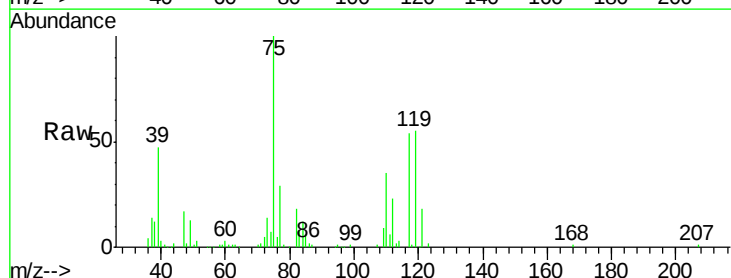
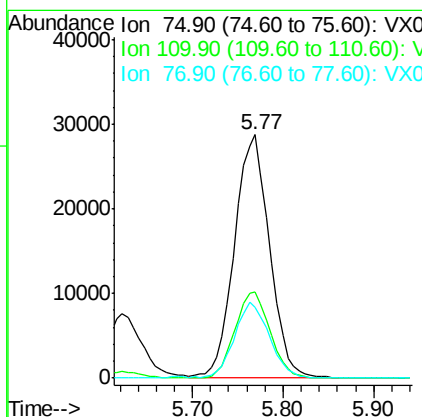
RT: 5.77 min Scan# 768

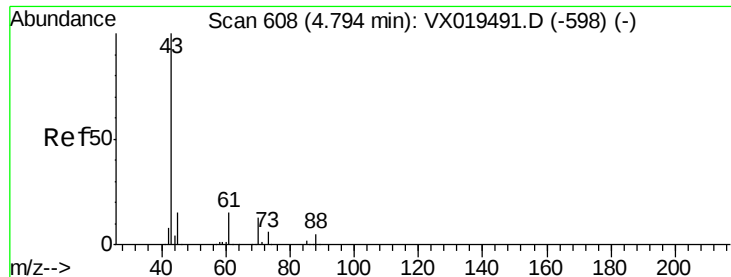
Delta R.T. 0.01 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Tgt Ion:	75	Resp:	76441
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.3
77	31.3	24.2	36.4





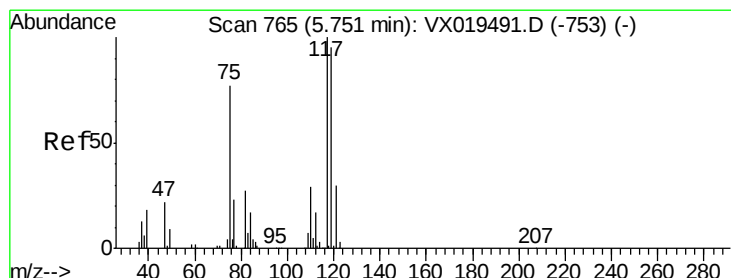
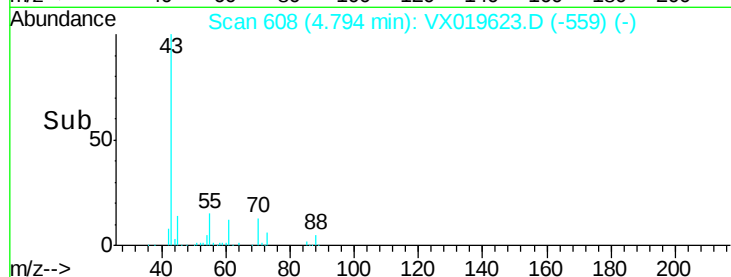
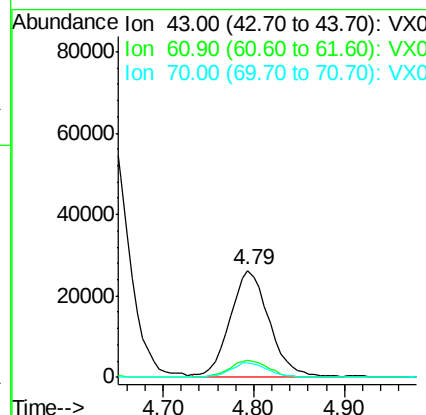
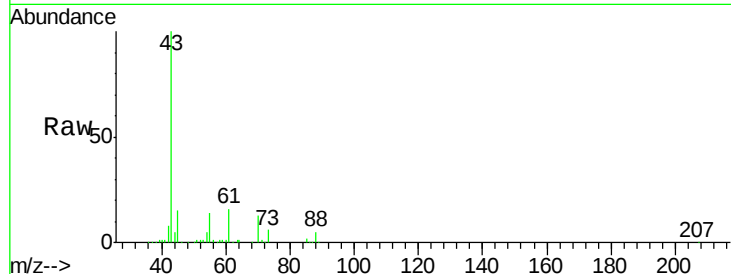
#37
Ethyl Acetate
Concen: 19.247 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	12.7	19.1
70	13.3	10.2	15.2

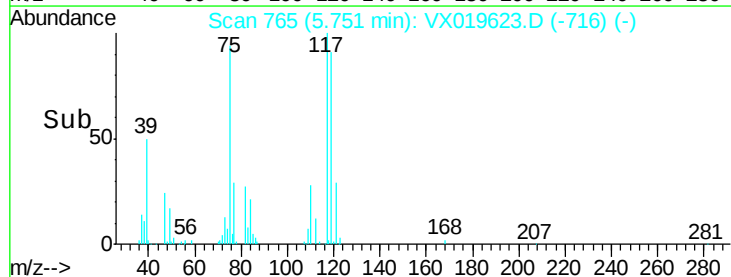
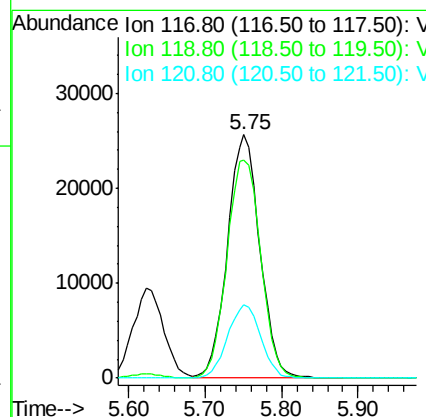
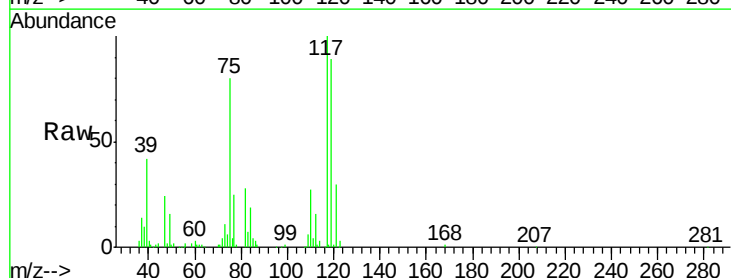
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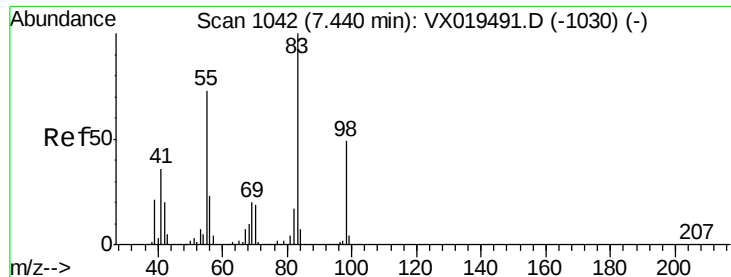
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#38
Carbon Tetrachloride
Concen: 18.236 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.3	75.9	113.9
121	30.1	24.0	36.0





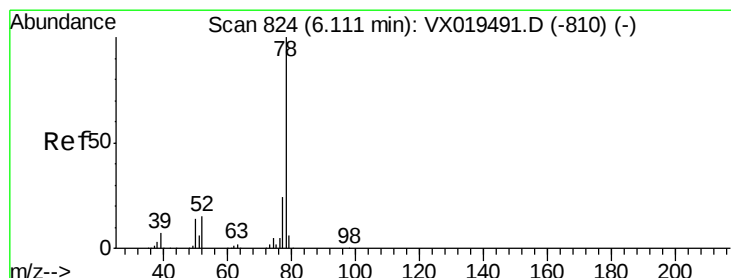
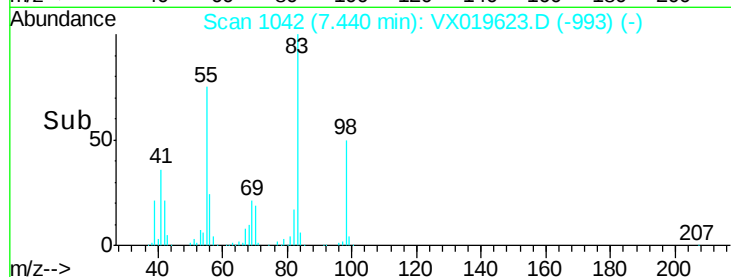
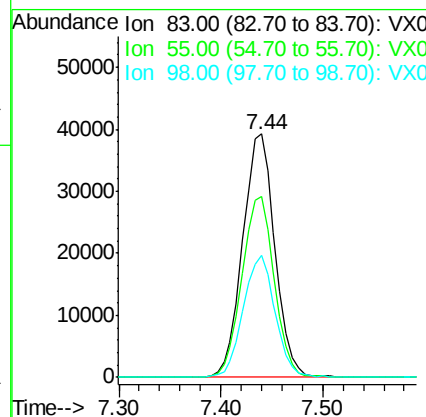
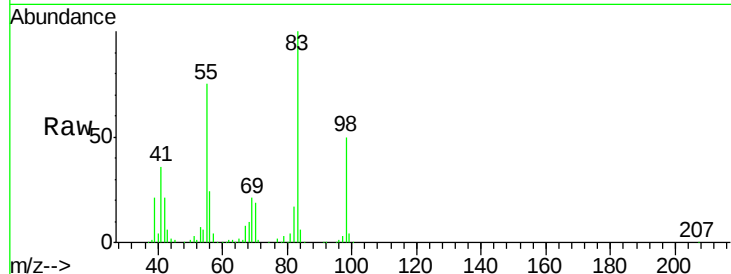
#39
Methvlcvclohexane
Concen: 17.386 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	58.3	87.5
98	50.3	38.9	58.3

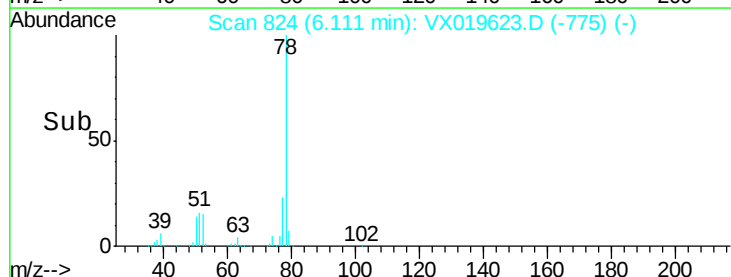
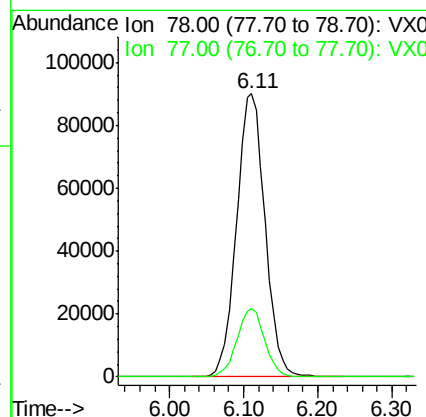
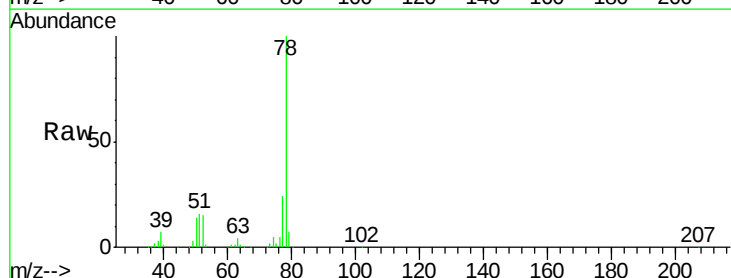
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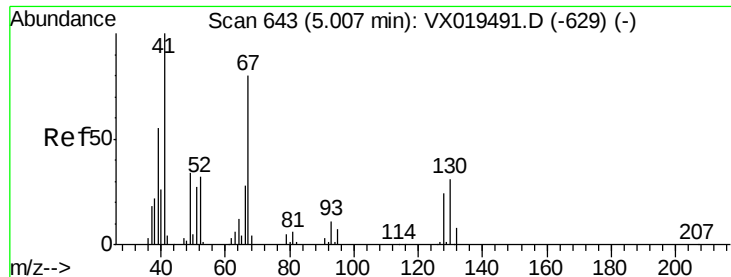
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#40
Benzene
Concen: 18.469 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





#41

Methacrylonitrile

Concen: 19.477 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

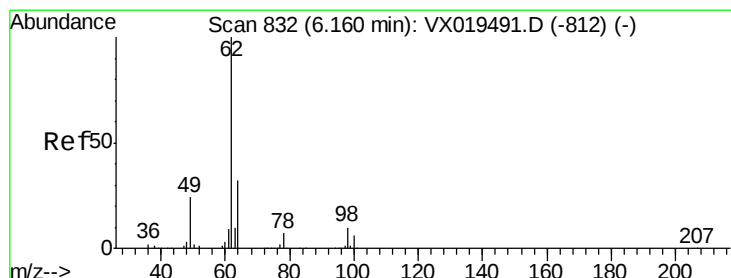
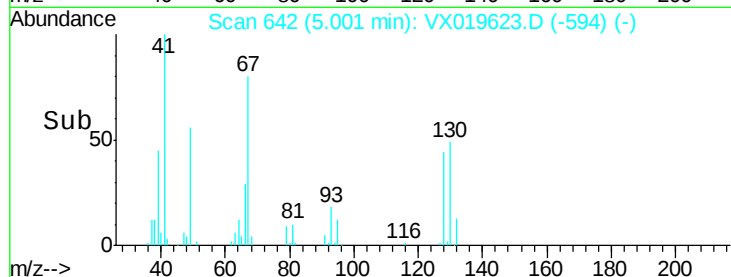
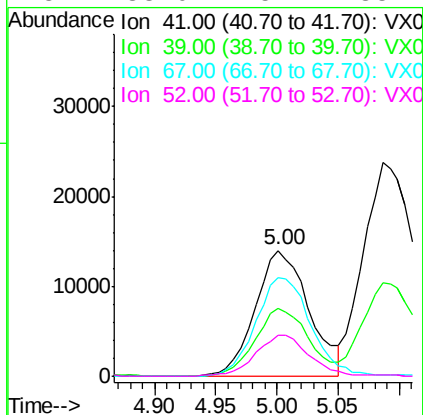
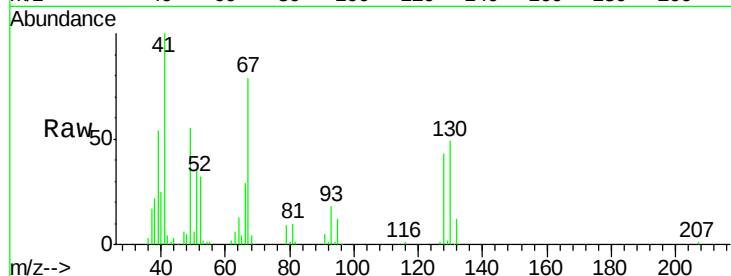
ClientSampleId :

VX1124WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	43.3	64.9	
67	80.8	66.0	99.0	
52	33.0	25.4	38.2	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.833 ug/l

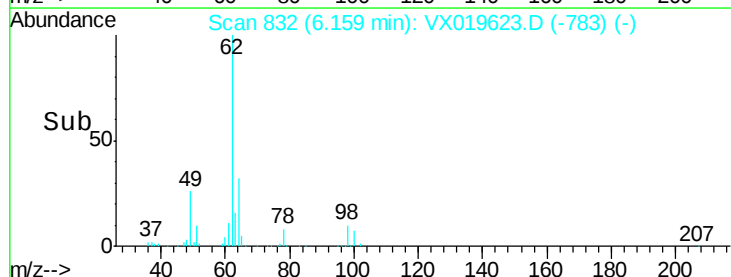
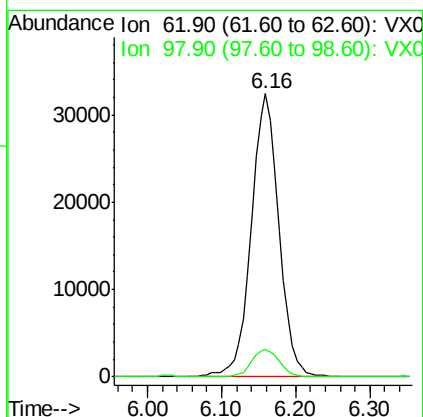
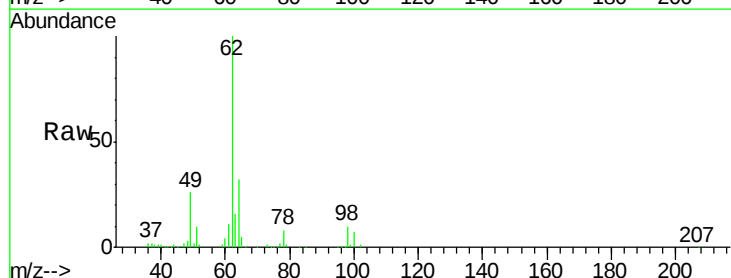
RT: 6.16 min Scan# 832

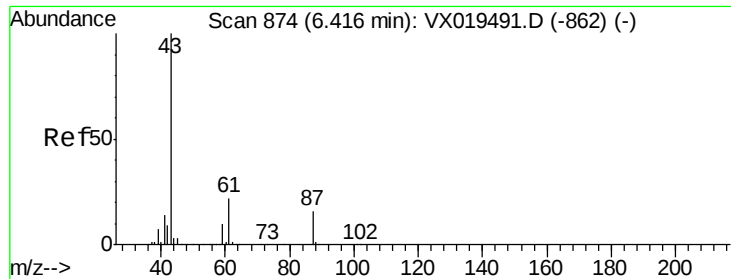
Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.0	





#43

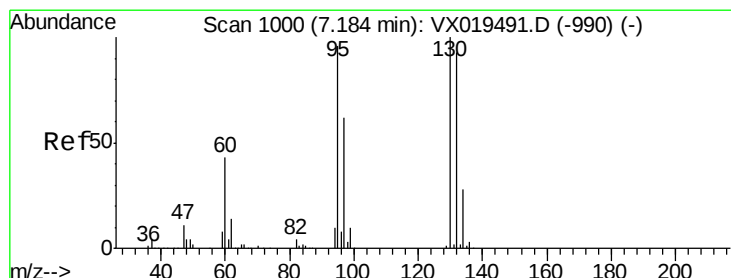
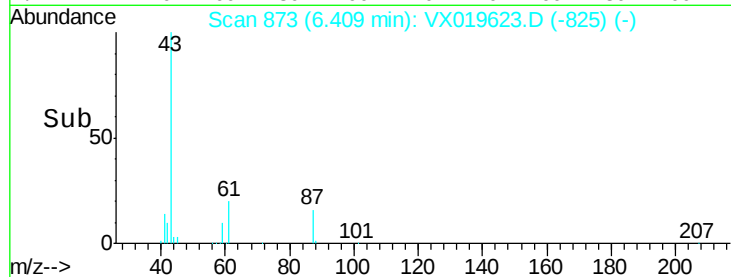
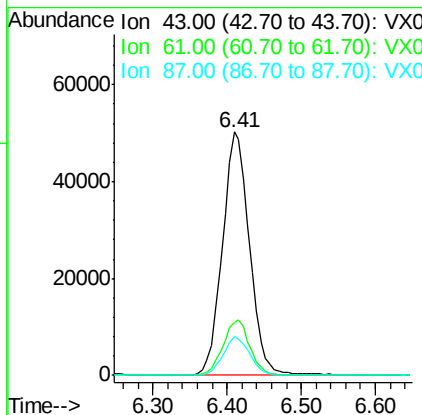
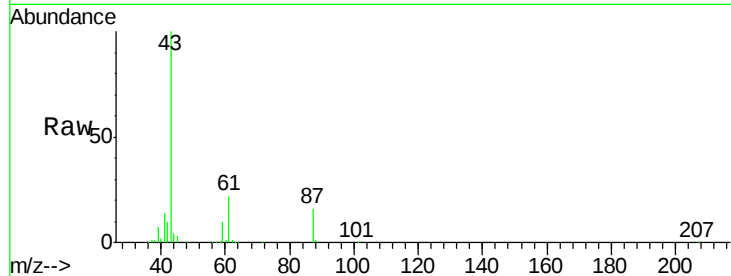
Isopropyl Acetate
 Concen: 18.771 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	18.2	27.2
87	15.7	12.6	18.8

Manual Integrations
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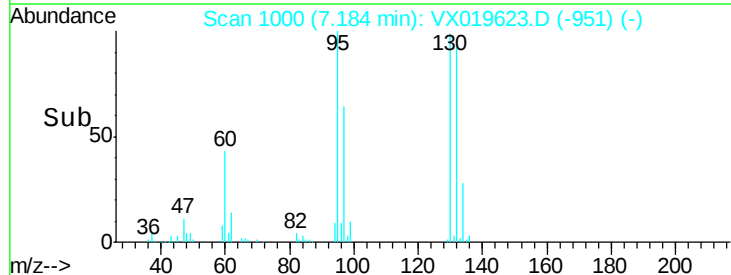
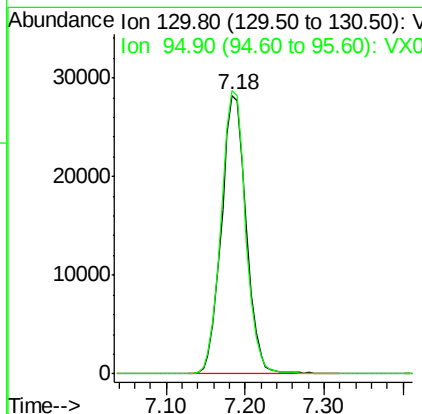
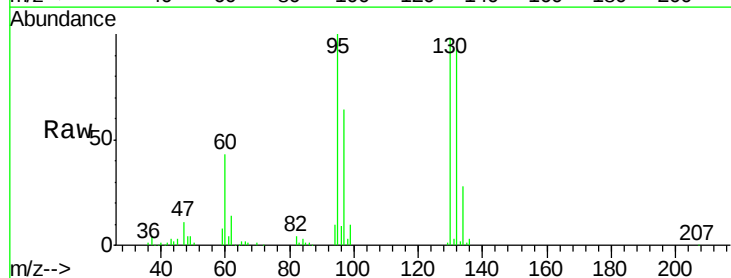
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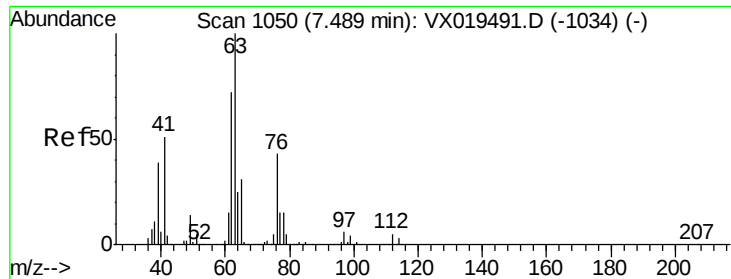


#44

Trichloroethene
 Concen: 18.069 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	191.2





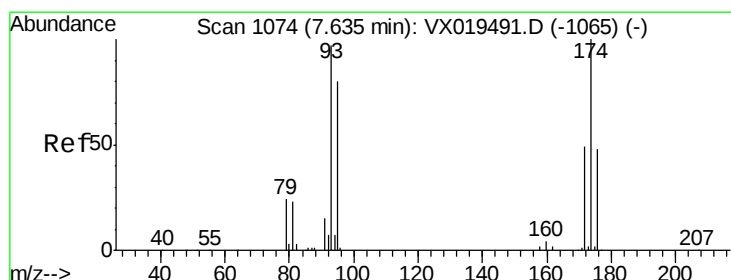
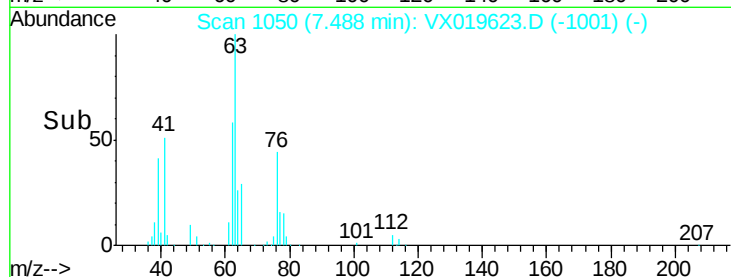
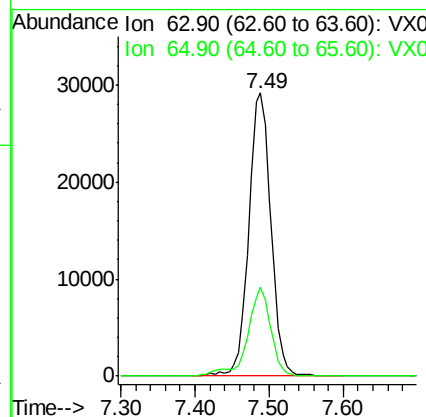
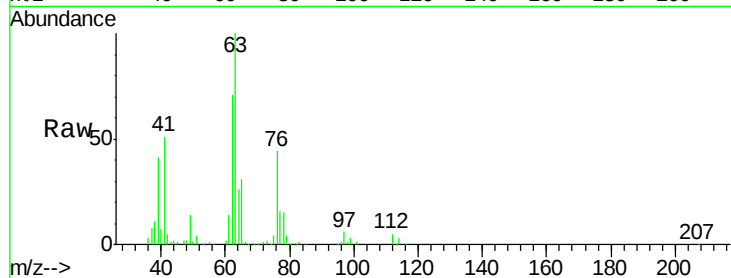
#45
 1,2-Dichloropropane
 Concen: 18.985 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD02

Tot Ion: 63 Resp: 61081
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.4

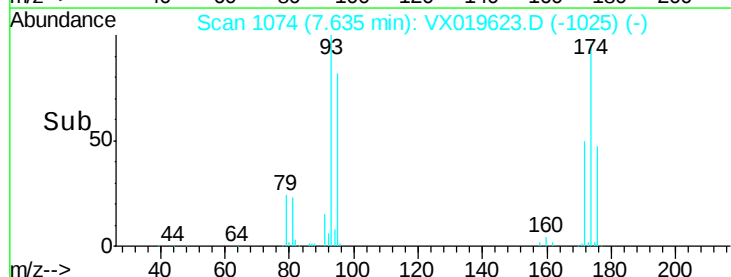
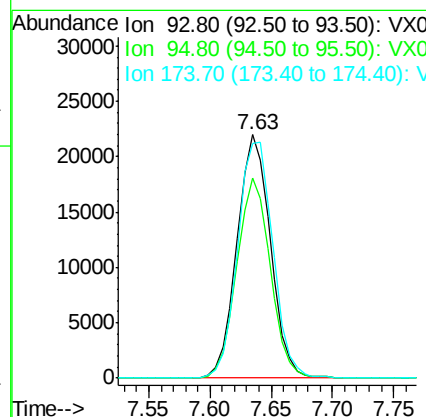
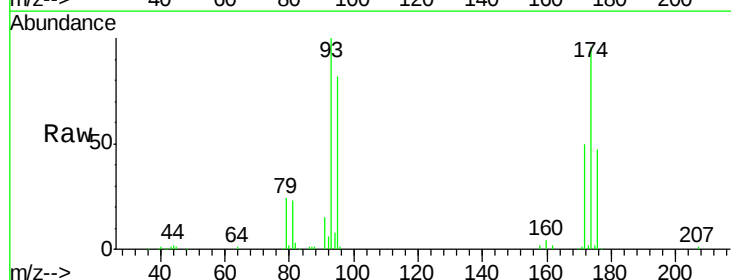
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 APPROVED

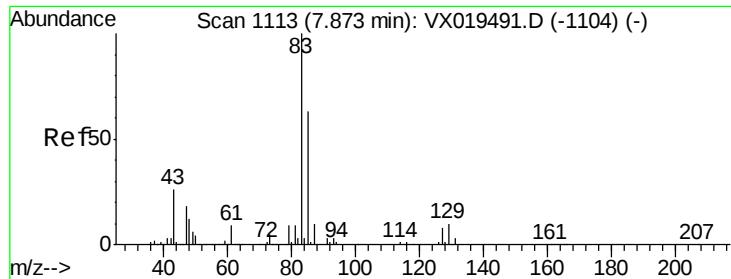
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#46
 Dibromomethane
 Concen: 18.949 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Tgt Ion: 93 Resp: 41726
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.8 100.2
 174 102.1 83.0 124.4





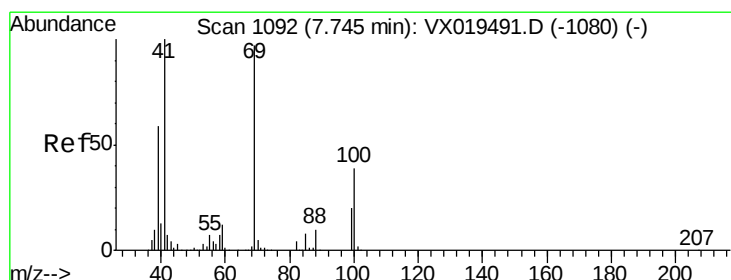
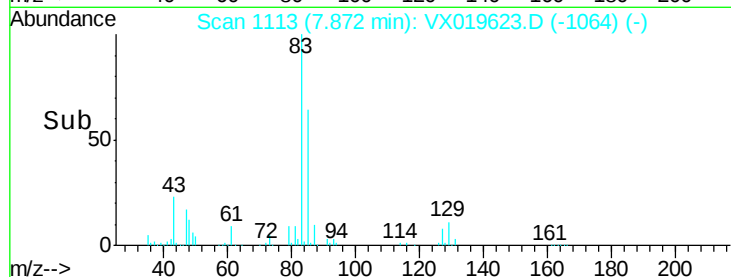
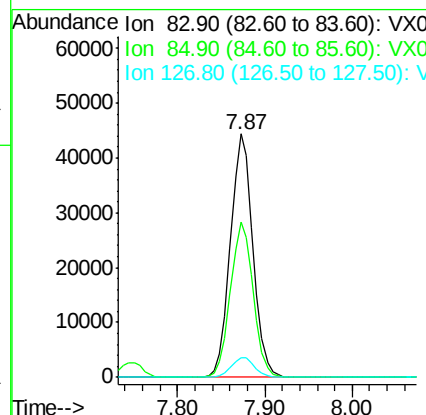
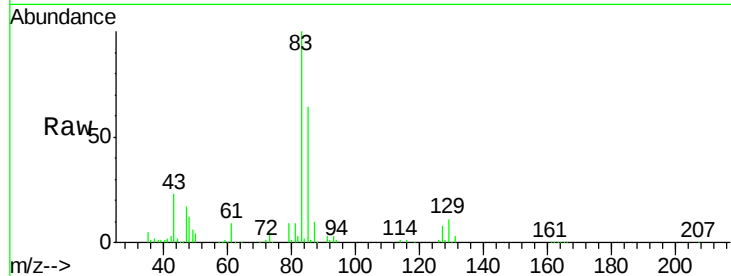
#47
Bromodichloromethane
Concen: 18.546 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	83	Resp	79243
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	50.2	75.2
127	8.1	6.4	9.6

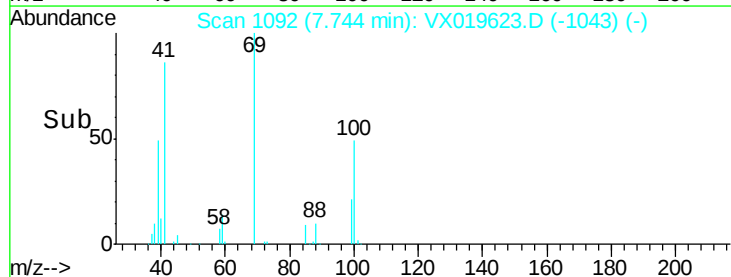
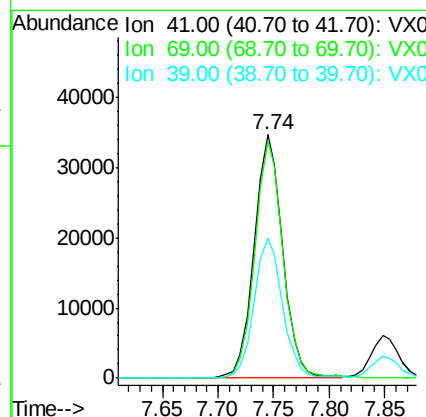
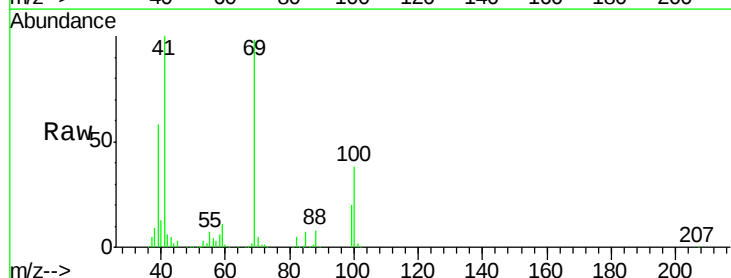
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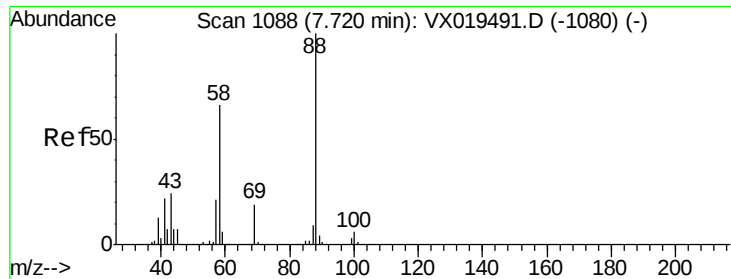
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#48
Methyl methacrylate
Concen: 19.591 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	41	Resp	61585
Ion Ratio	100	Lower	Upper
41	100		
69	96.4	77.0	115.6
39	58.1	45.6	68.4





#49

1,4-Dioxane

Concen: 415.178 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

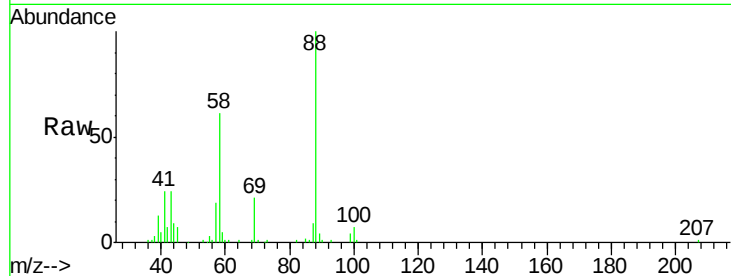
ClientSampleId :

VX1124WBSD02

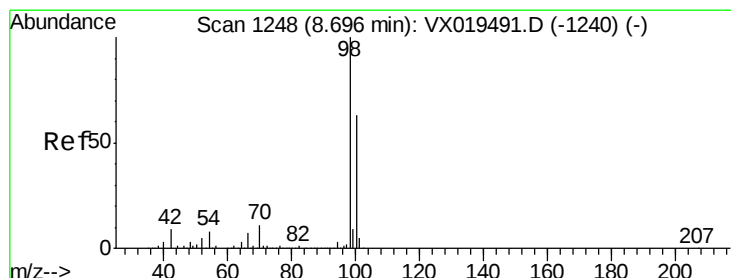
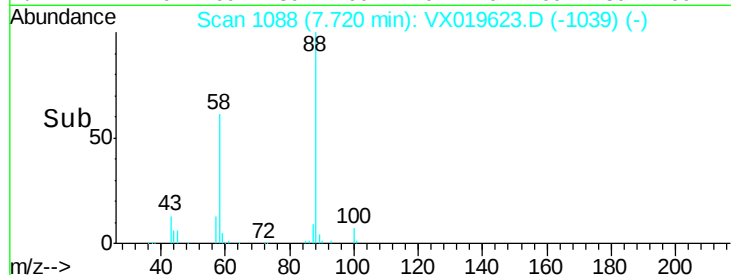
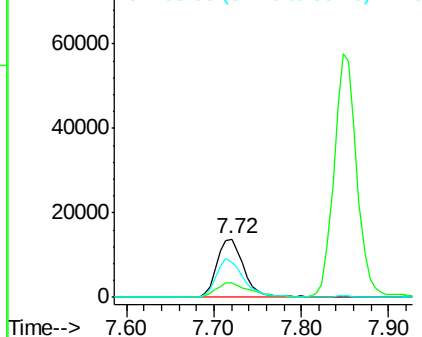
Tot Ion:	88	Resp:	29634
Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.8	35.6
58	66.3	54.2	81.2

Manual Integrations
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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: 49.433 ug/l

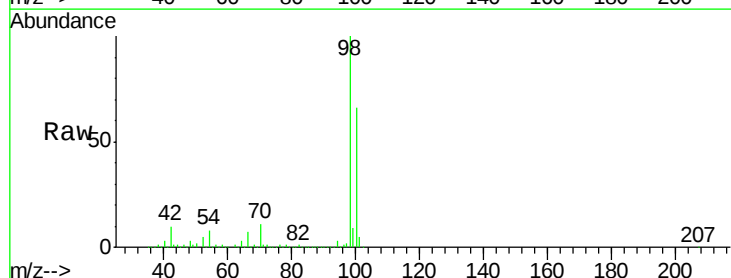
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

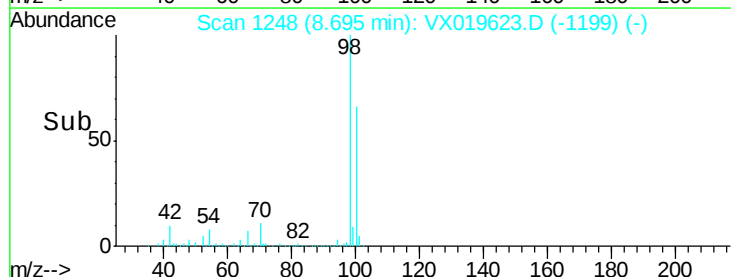
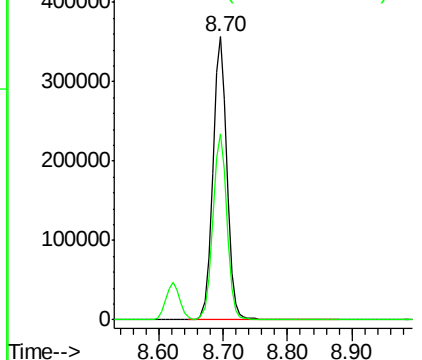
Lab File: VX019623.D

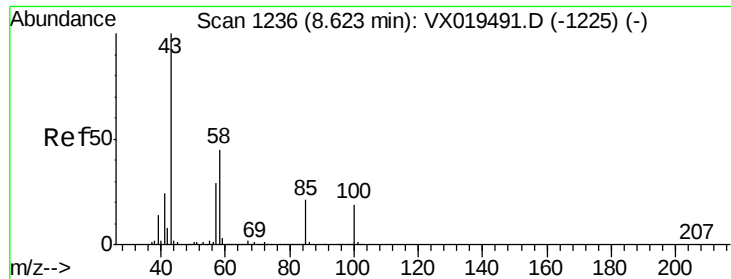
Acq: 24 Nov 2020 22:53

Tgt Ion:	98	Resp:	547048
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6



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





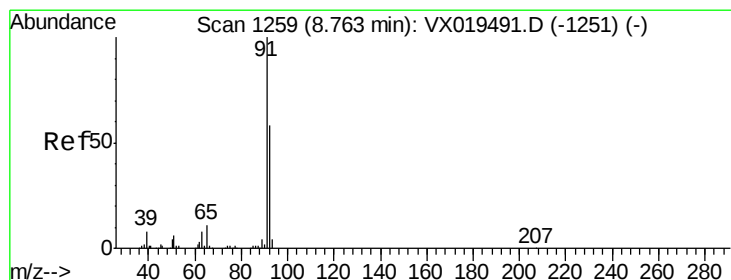
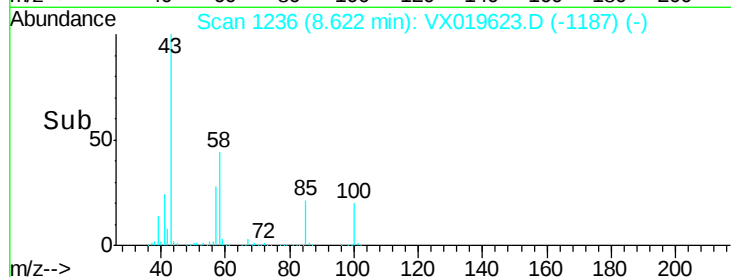
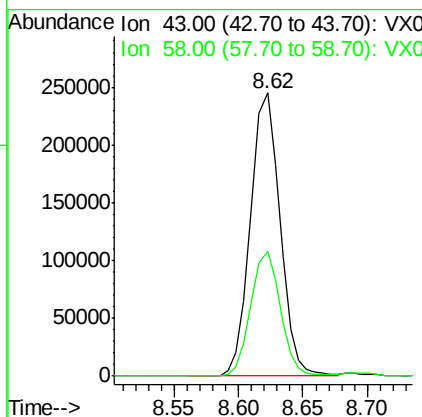
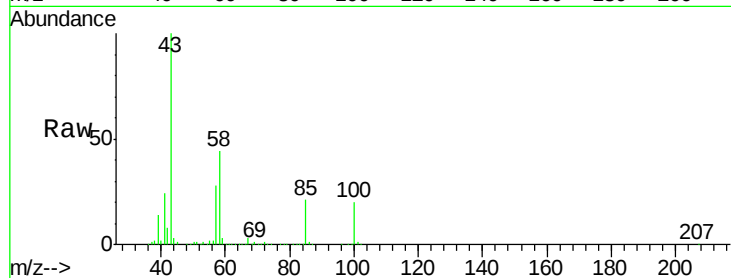
#51
4-Methyl-2-Pentanone
Concen: 99.188 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion: 43 Resp: 388243
Ion Ratio Lower Upper
43 100
58 44.0 35.1 52.7

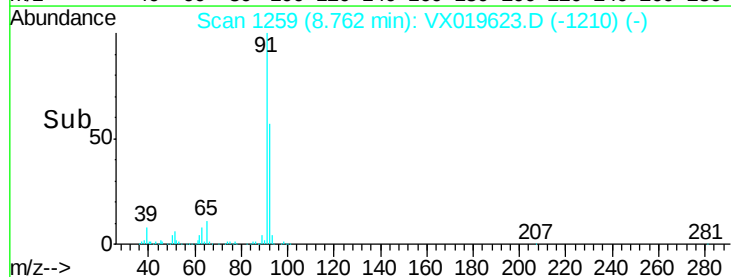
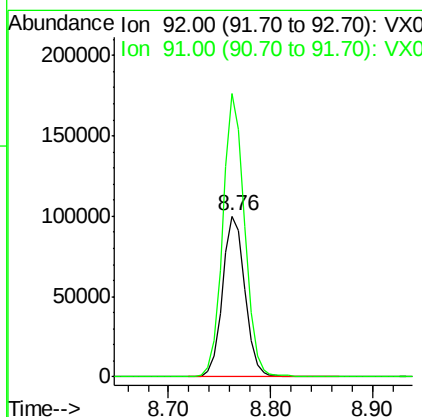
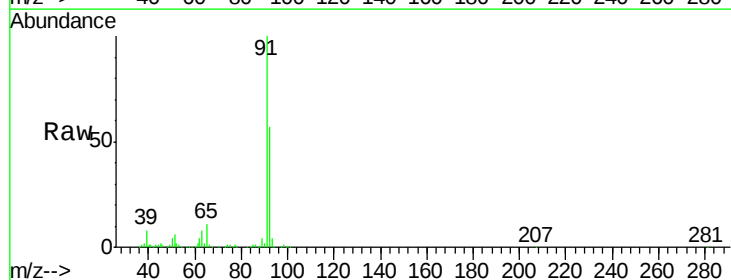
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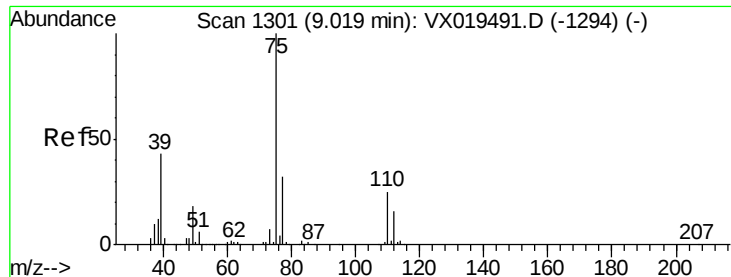
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#52
Toluene
Concen: 19.142 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion: 92 Resp: 153040
Ion Ratio Lower Upper
92 100
91 171.6 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 18.362 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD02

Tot Ion: 75 Resp: 84733

Ion Ratio Lower Upper

75 100

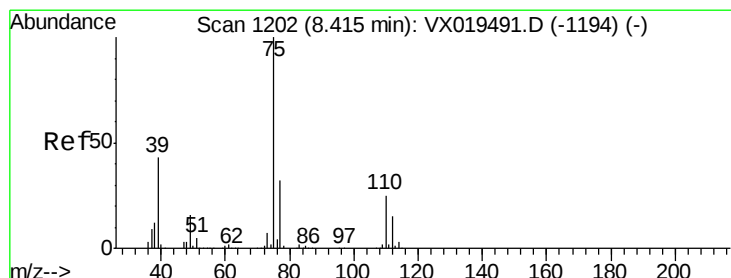
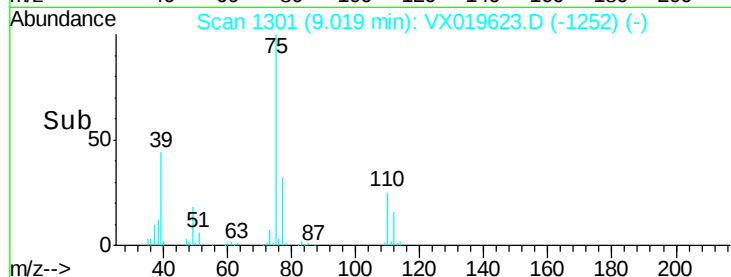
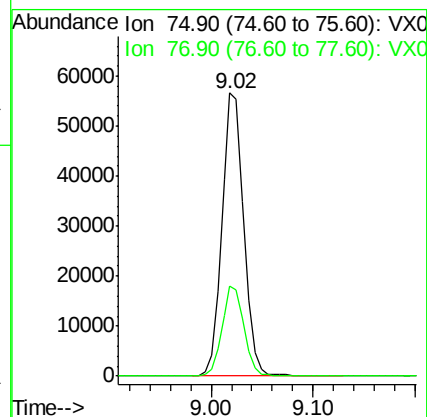
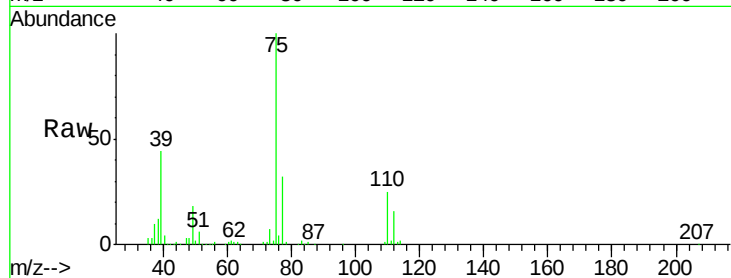
77 31.9 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 18.526 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

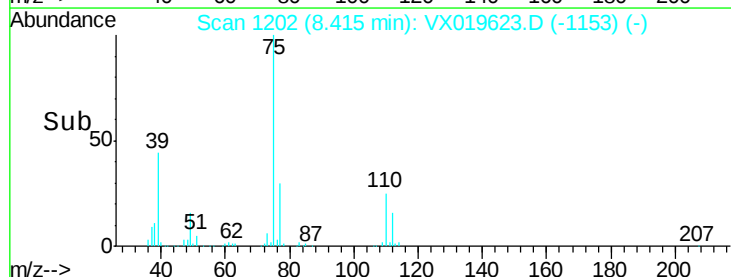
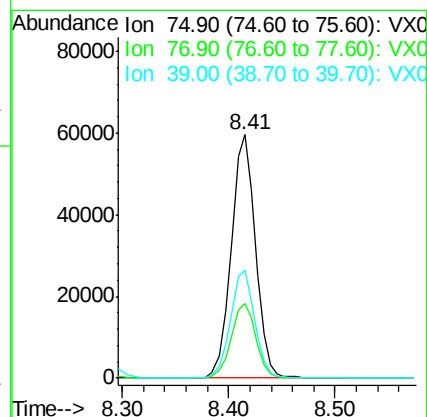
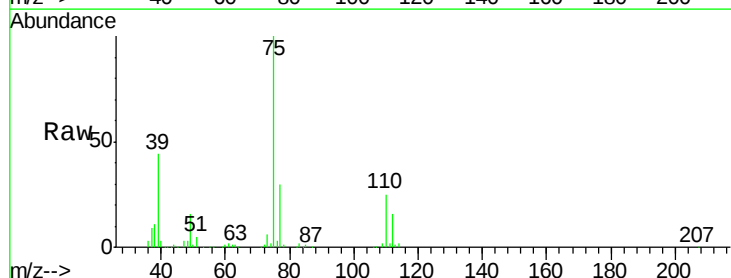
Tgt Ion: 75 Resp: 94873

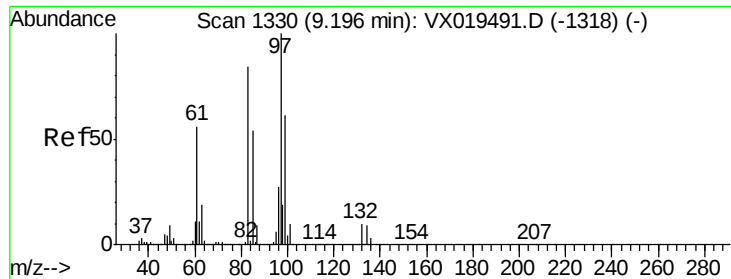
Ion Ratio Lower Upper

75 100

77 30.5 25.8 38.6

39 44.0 34.6 51.8





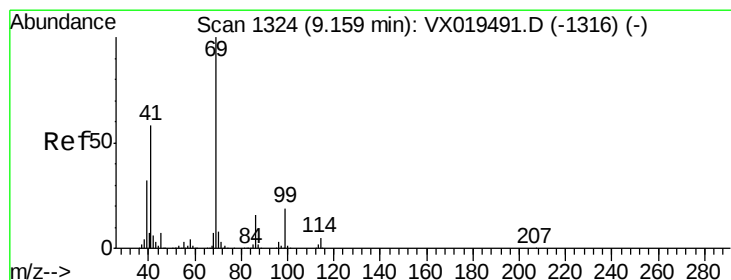
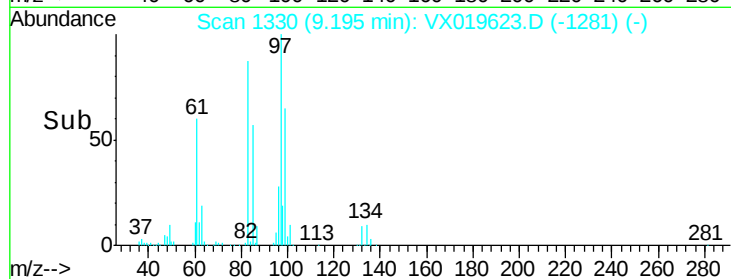
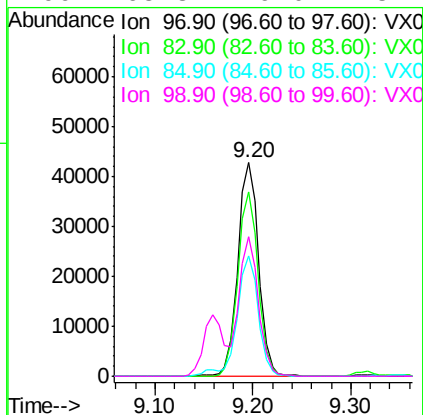
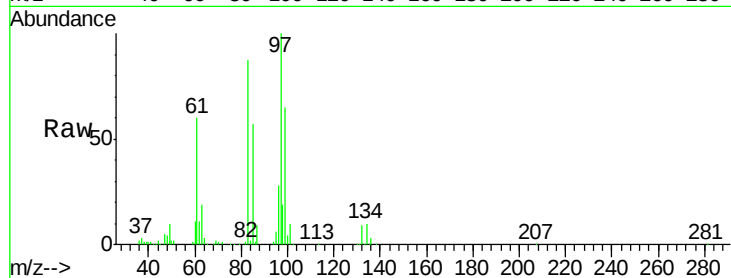
#55
 1,1,2-Trichloroethane
 Concen: 19.403 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD02

Tot Ion:	97	Resp:	63175
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.0	100.6
85	56.5	43.4	65.0
99	65.3	49.0	73.4

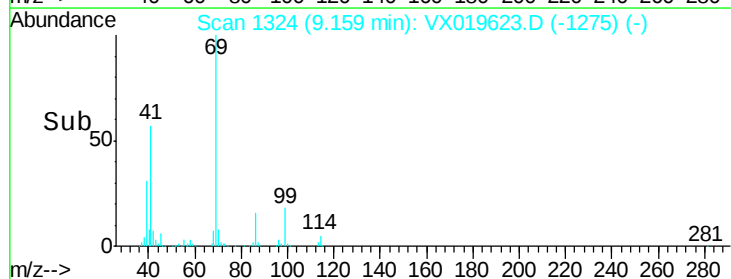
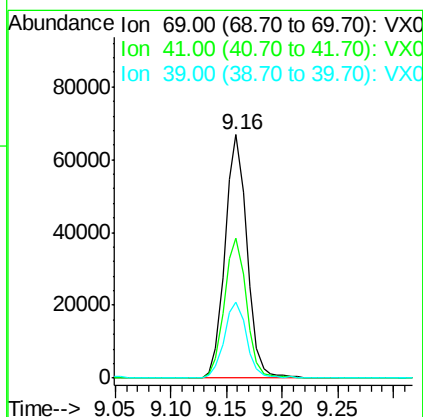
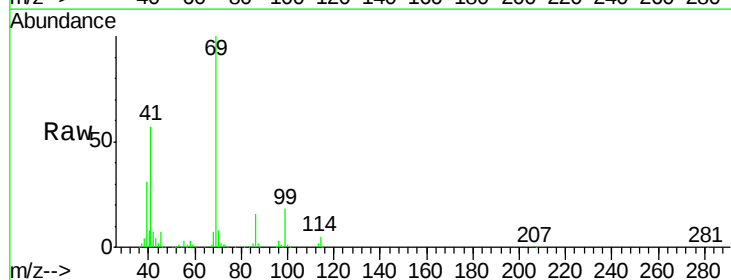
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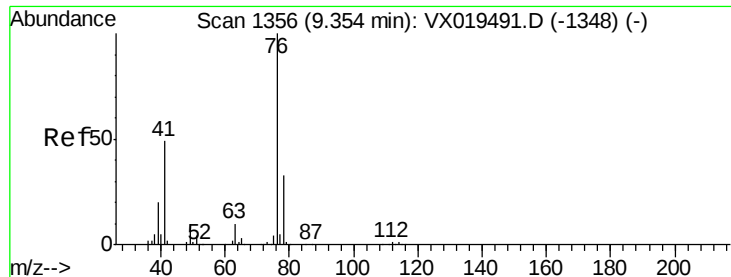
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#56
 Ethyl methacrylate
 Concen: 19.896 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Tgt Ion:	69	Resp:	91666
Ion	Ratio	Lower	Upper
69	100		
41	57.9	46.2	69.2
39	32.1	25.5	38.3





#57

1,3-Dichloropropane

Concen: 19.429 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD02

Tot Ion: 76 Resp: 105910

Ion Ratio Lower Upper

76 100

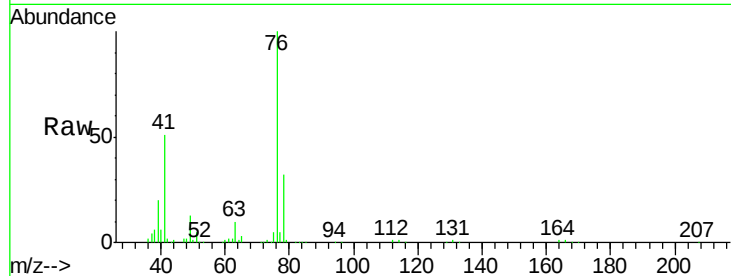
78 32.7 25.7 38.5

Manual Integrations

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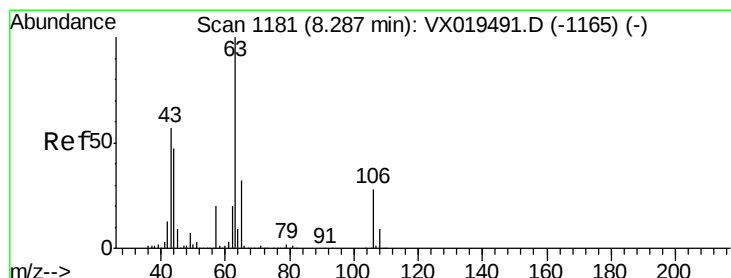
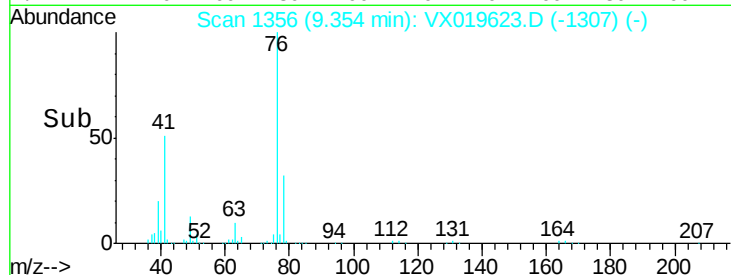
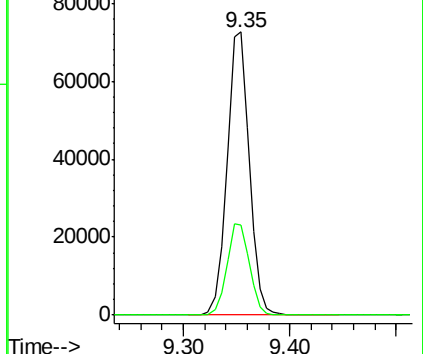
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.420 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019623.D

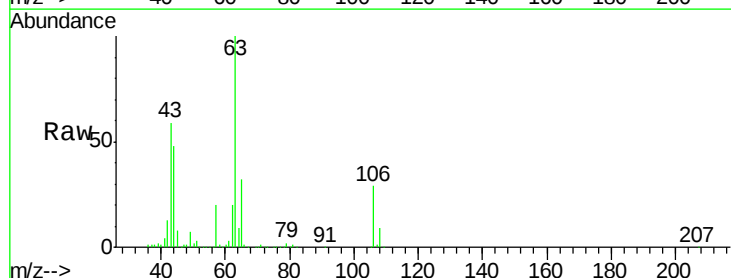
Acq: 24 Nov 2020 22:53

Tgt Ion: 63 Resp: 252199

Ion Ratio Lower Upper

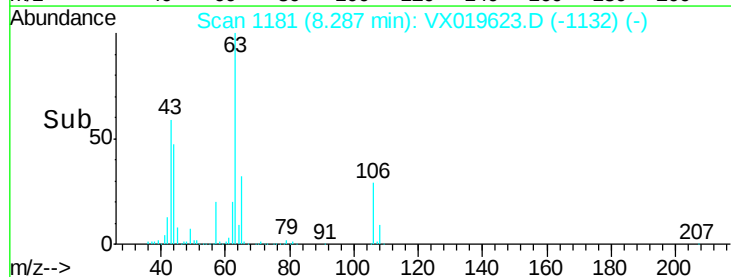
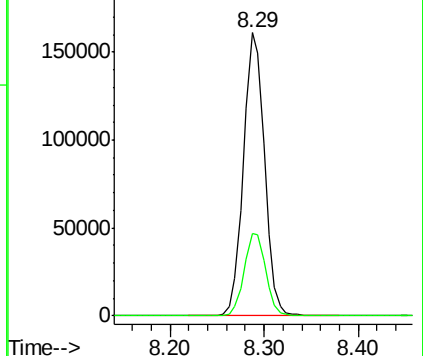
63 100

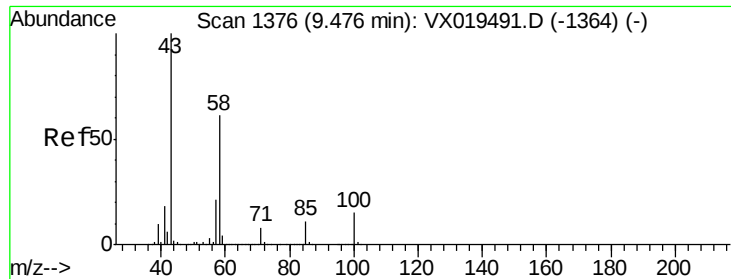
106 29.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





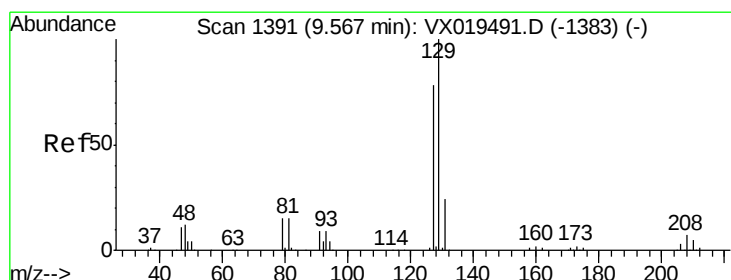
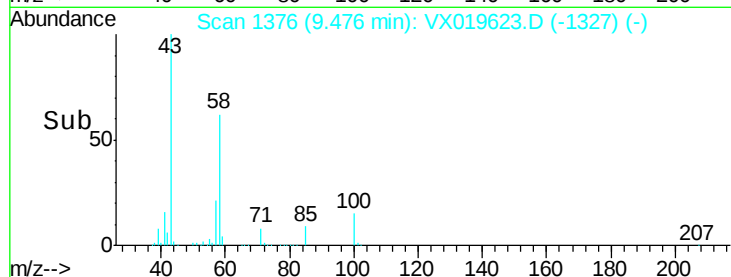
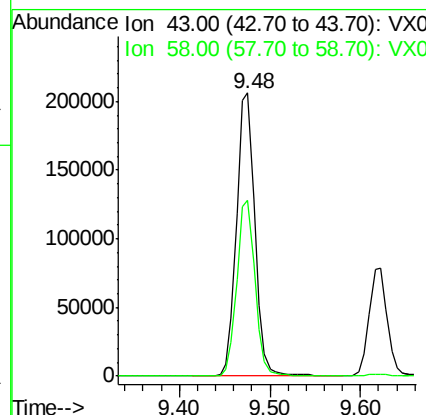
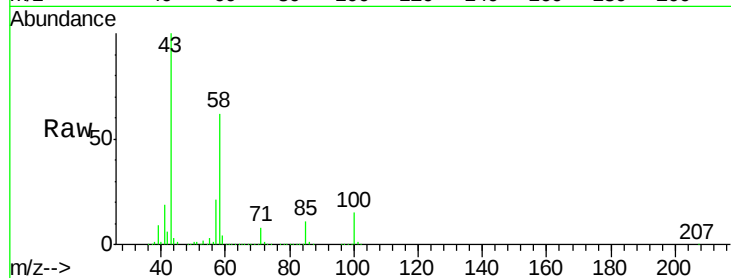
#59
2-Hexanone
Concen: 97.569 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.0	30.6	91.6

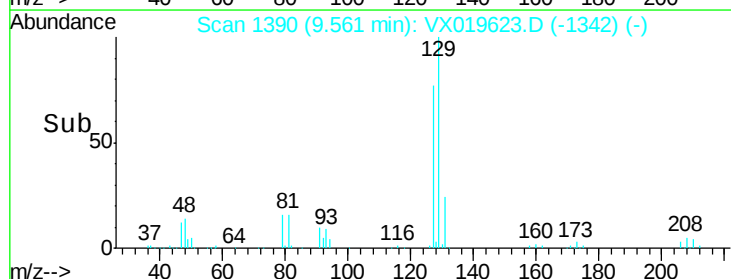
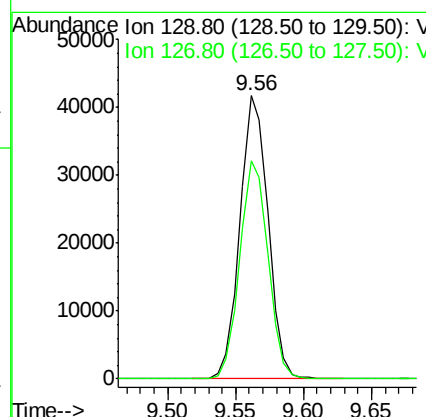
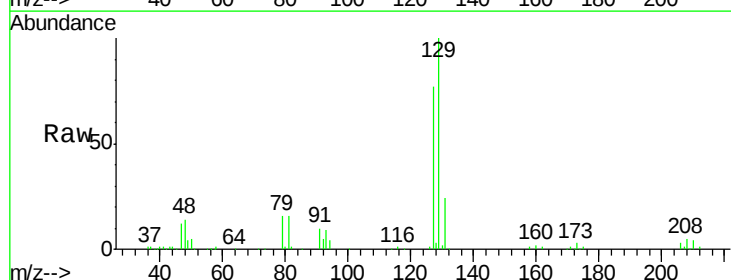
Manual Integrations
APPROVED

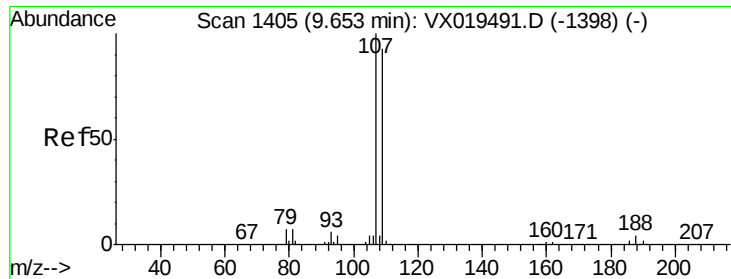
MMDadoda
11/25/2020 9:54:46 AM



#60
Dibromochloromethane
Concen: 18.918 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.0	116.9





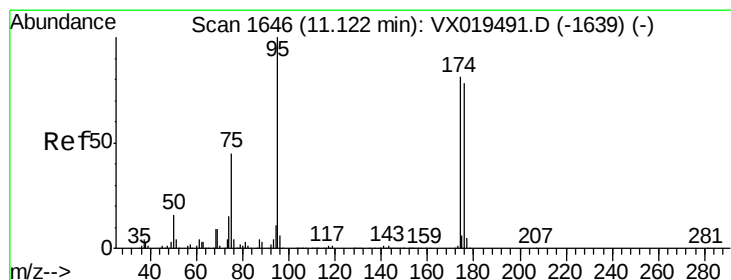
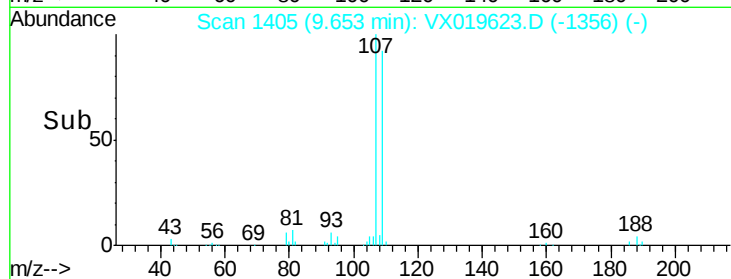
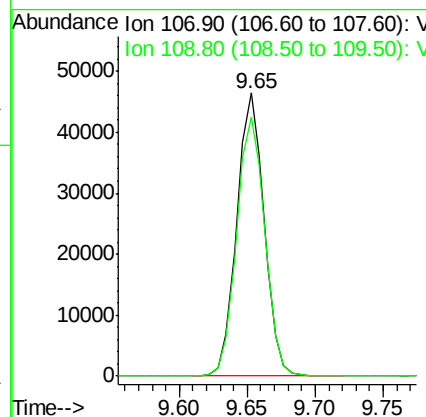
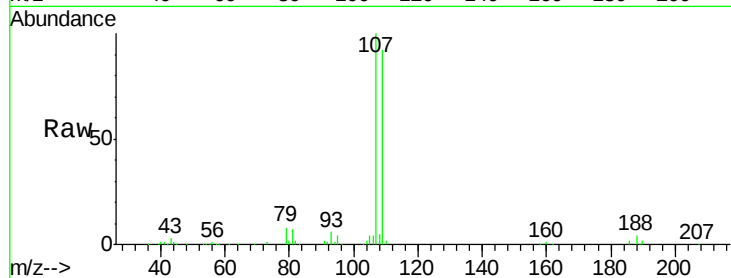
#61
 1,2-Dibromoethane
 Concen: 19.303 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.8	112.2

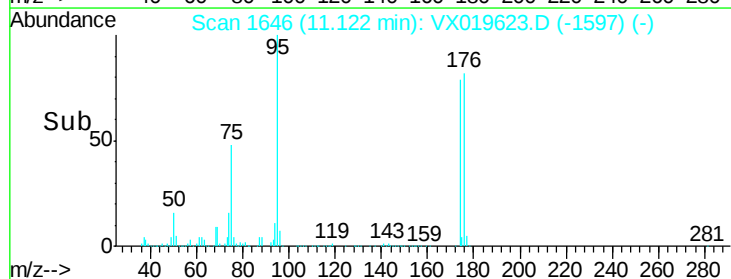
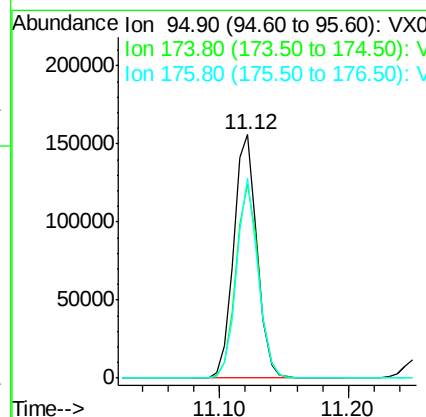
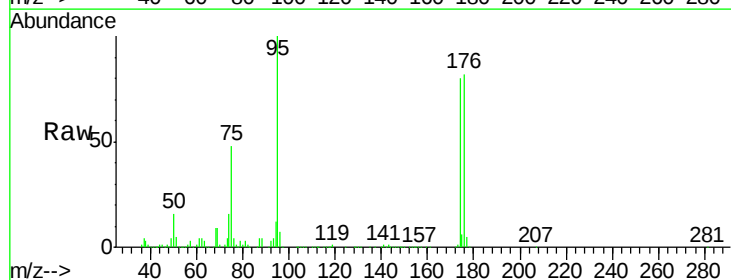
Manual Integrations
 APPROVED

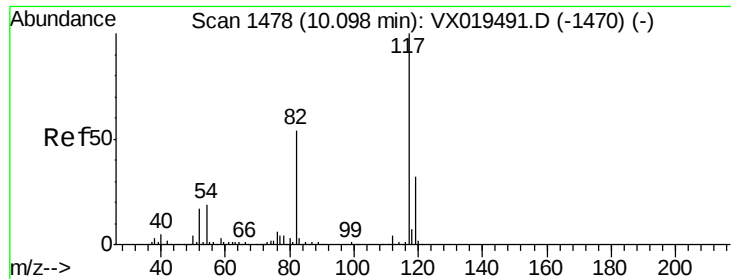
MMDadoda
 11/25/2020 9:54:46 AM



#62
 4-Bromofluorobenzene
 Concen: 49.828 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	156.2
176	75.8	0.0	151.4





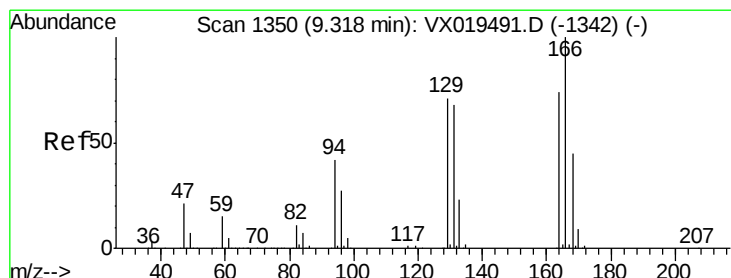
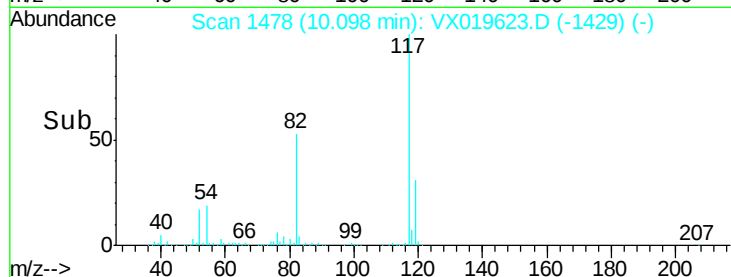
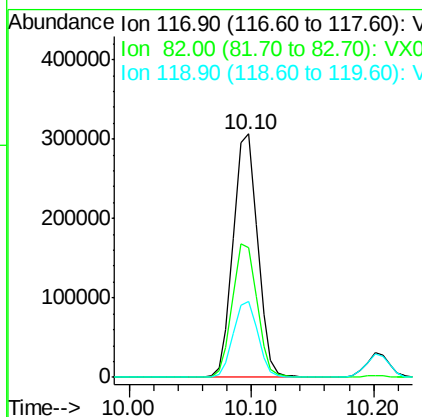
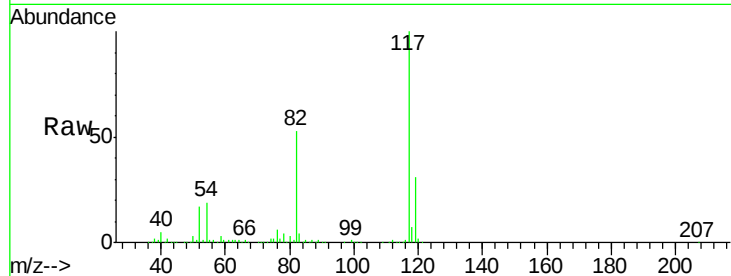
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	31.4	25.6	38.4

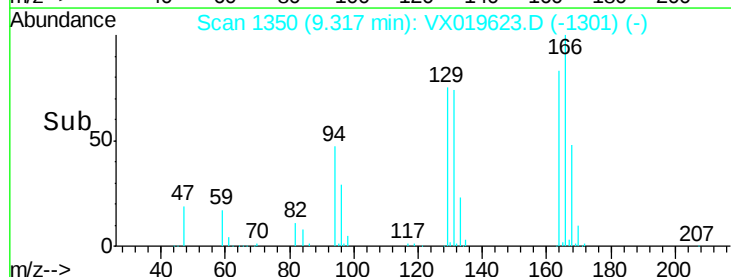
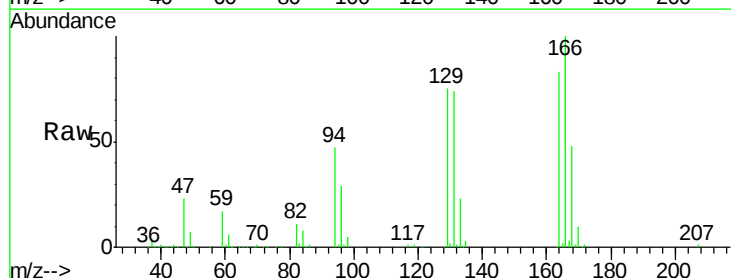
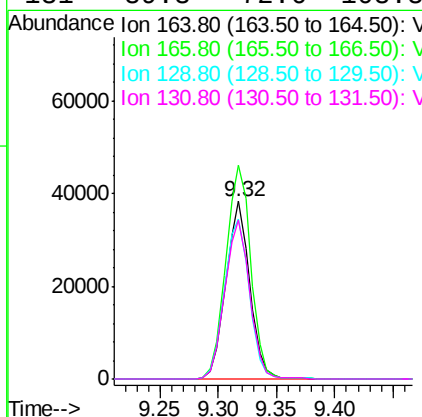
Manual Integrations
APPROVED

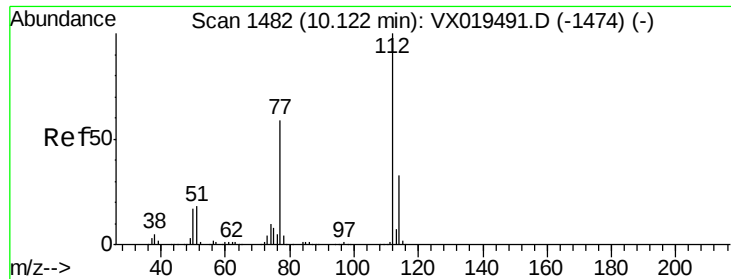
MMDadoda
11/25/2020 9:54:46 AM



#64
Tetrachloroethene
Concen: 16.361 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.3	107.4	161.0
129	90.1	76.6	114.8
131	89.3	72.6	108.8





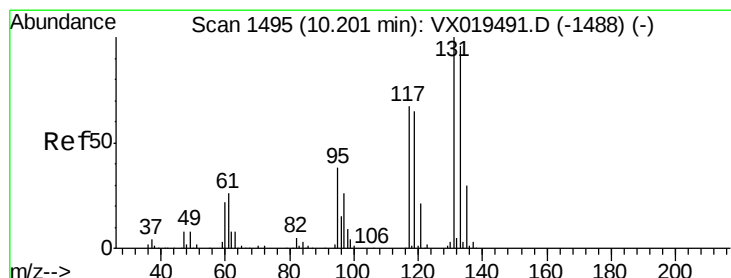
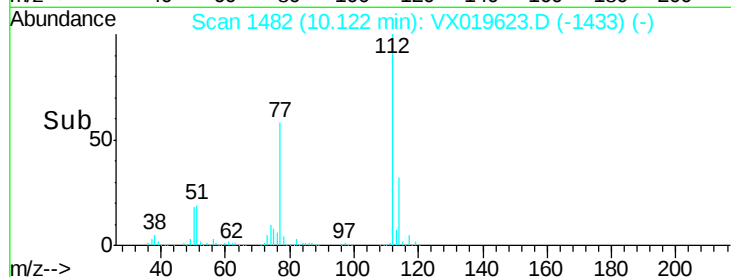
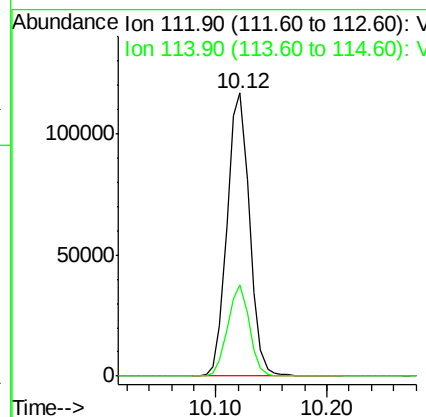
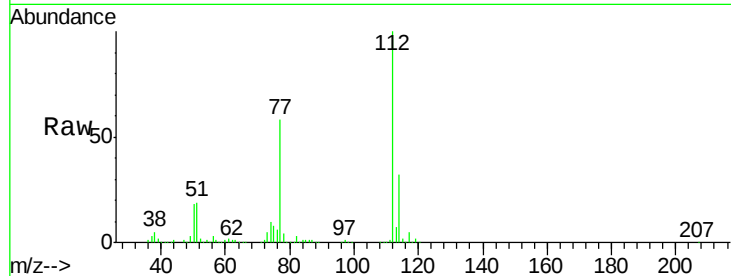
#65
Chlorobenzene
Concen: 18.670 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleID :
VX1124WBSD02

Tot Ion:112 Resp: 162757
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0

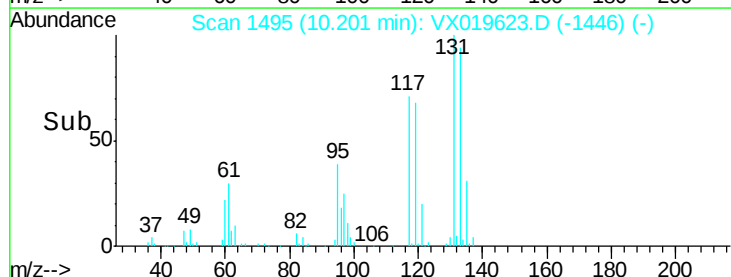
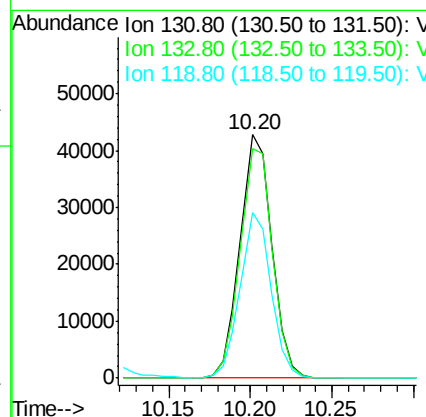
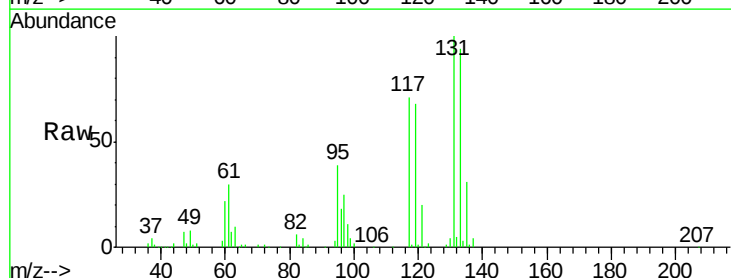
Manual Integrations
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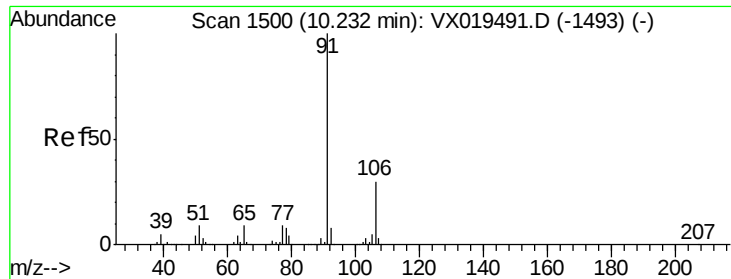
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.430 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion:131 Resp: 58441
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.5
119 66.3 33.0 99.0





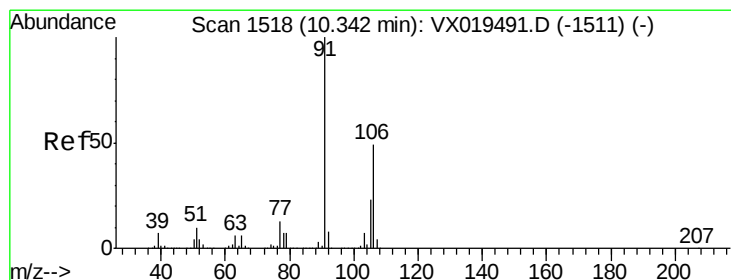
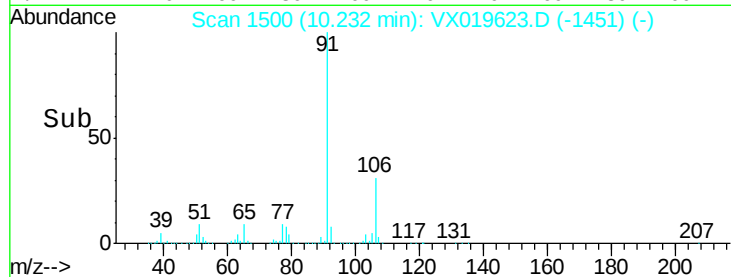
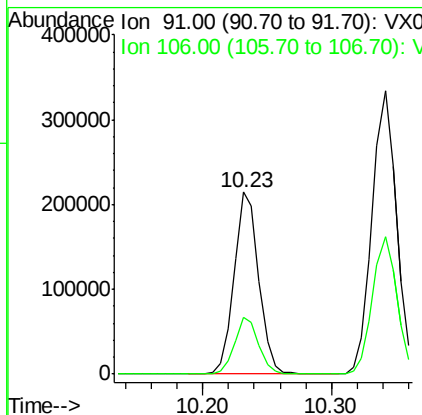
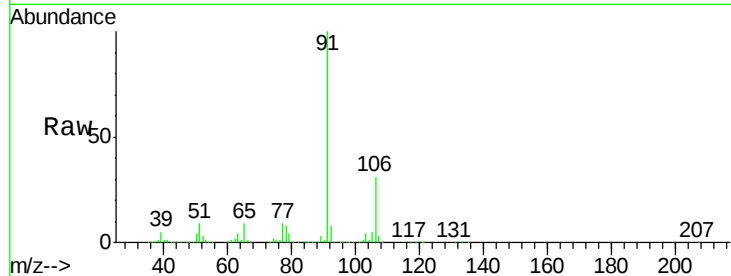
#67
Ethyl Benzene
Concen: 18.746 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		286281		
106	30.9	24.0	36.0		

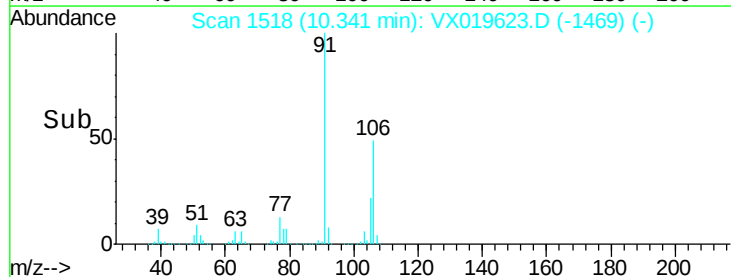
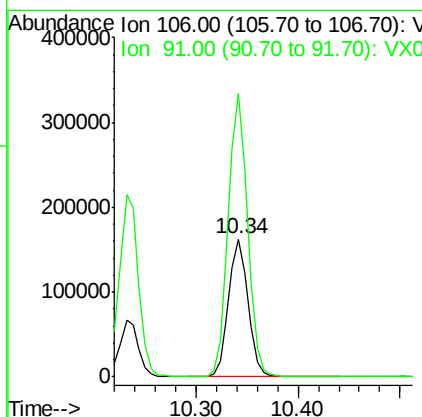
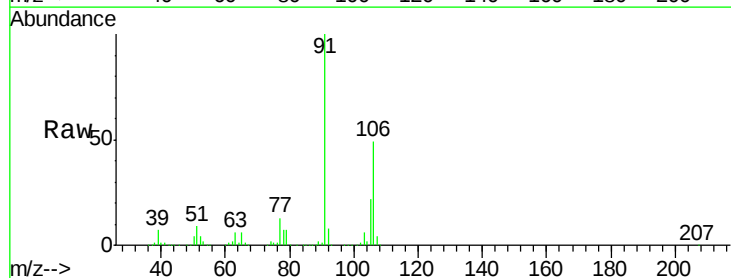
Manual Integrations
APPROVED

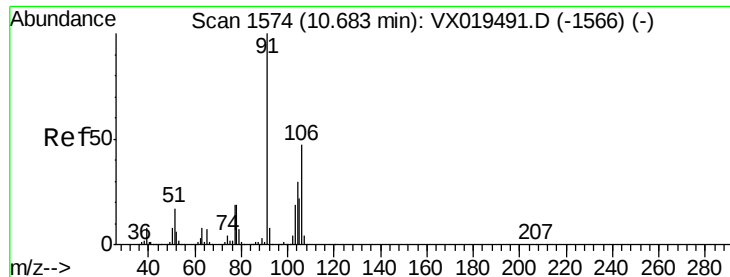
MMDadoda
11/25/2020 9:54:46 AM



#68
m/p-Xylenes
Concen: 37.519 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		213472		
91	204.1	163.3	244.9		





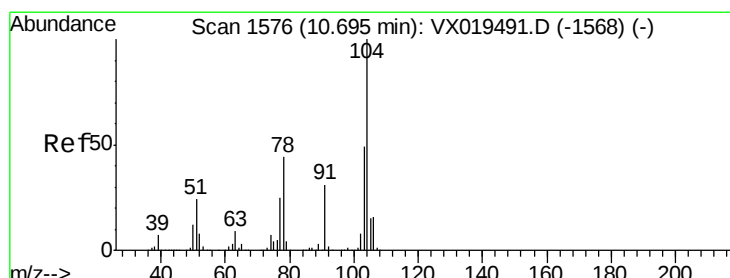
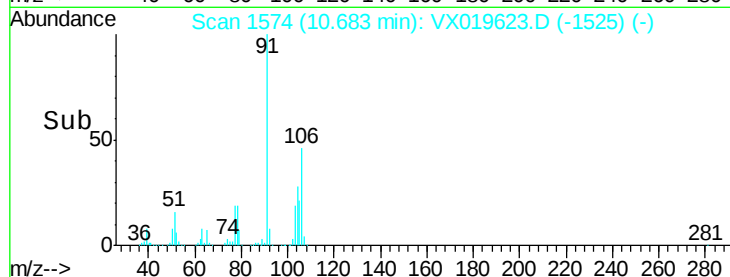
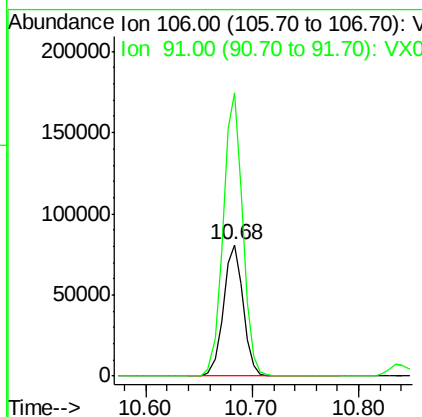
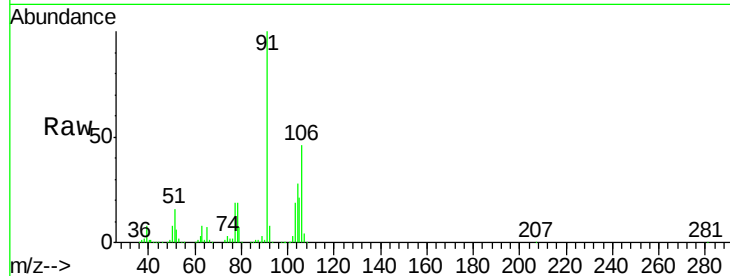
#69
o-Xylene
Concen: 19.095 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	103856		
91	91	215.1	108.0	324.0	

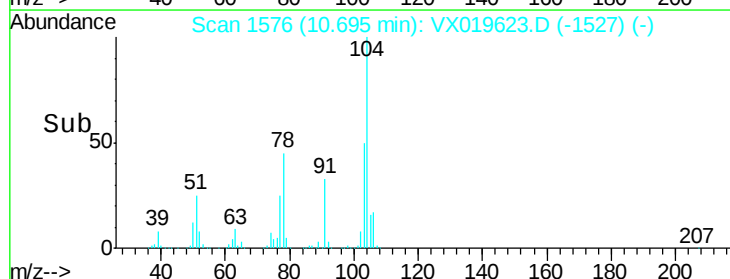
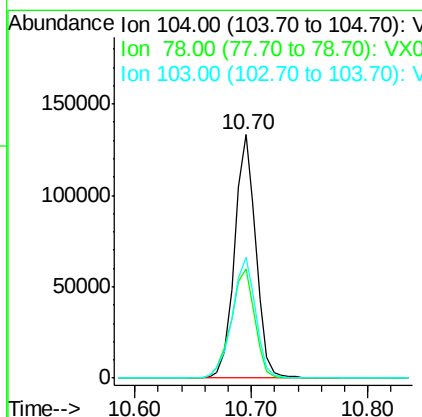
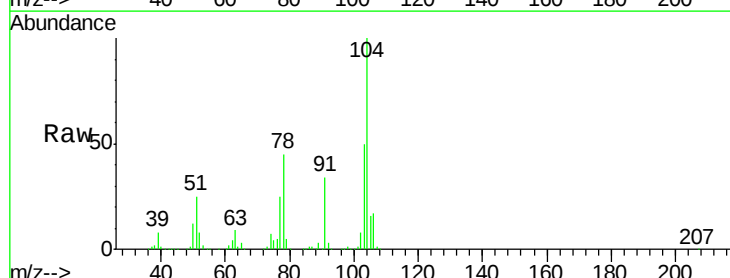
Manual Integrations
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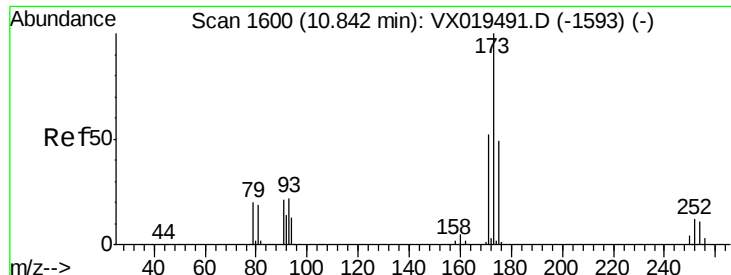
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#70
Styrene
Concen: 17.923 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	169456		
78	78	50.3	39.5	59.3	
103	103	54.6	43.6	65.4	





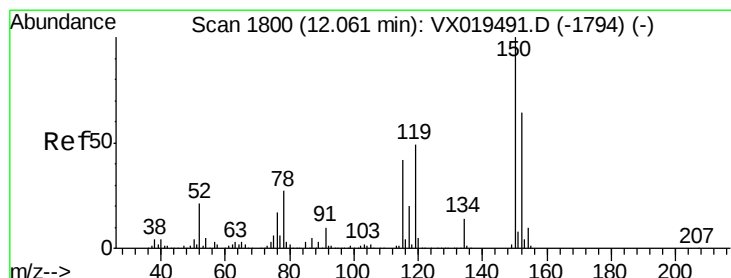
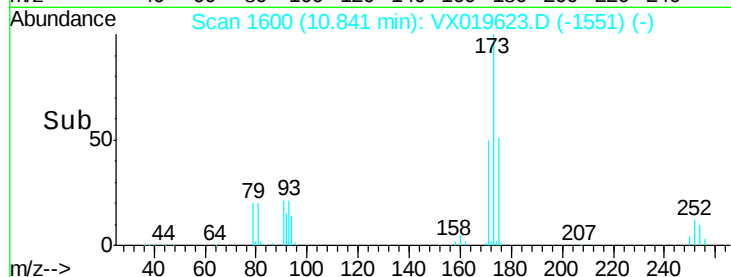
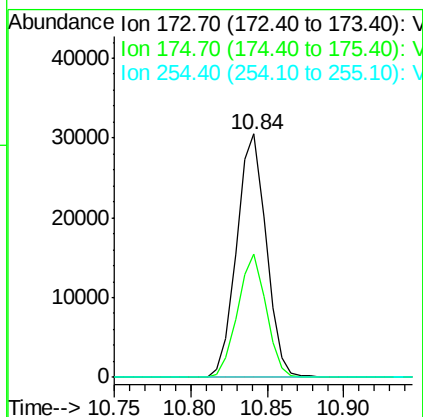
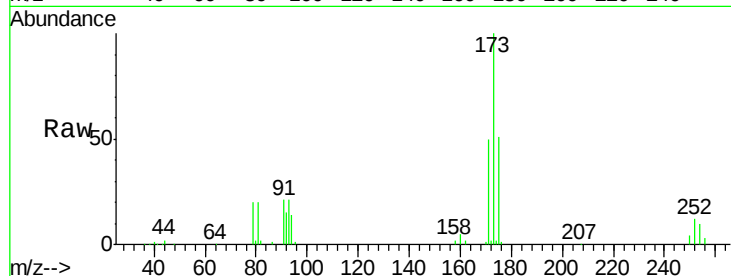
#71
Bromoform
Concen: 17.716 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.9	74.8
254	0.0	0.1	0.1#

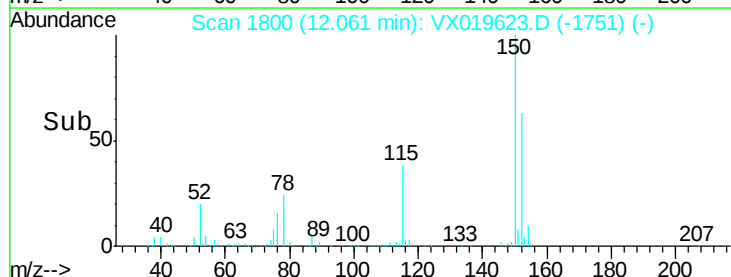
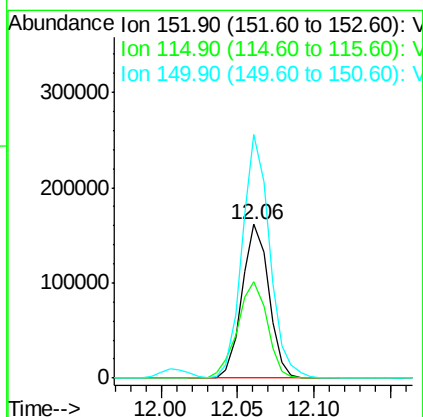
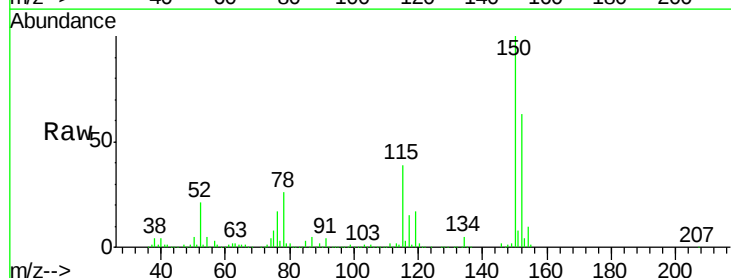
Manual Integrations
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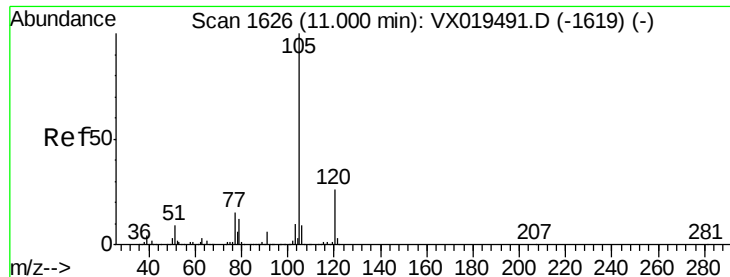
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.7	41.8	125.4
150	162.0	0.0	348.2





#73

Isopropylbenzene

Concen: 20.333 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD02

Tot Ion: 105 Resp: 275357

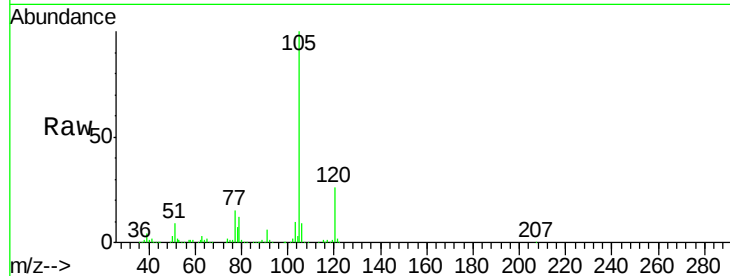
Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

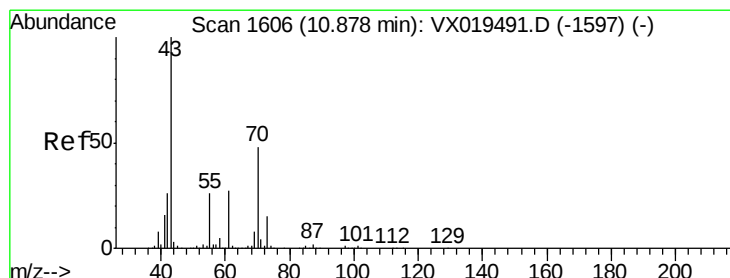
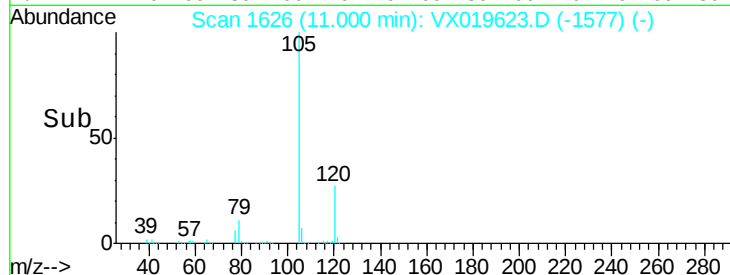
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 20.302 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Tgt Ion: 43 Resp: 103026

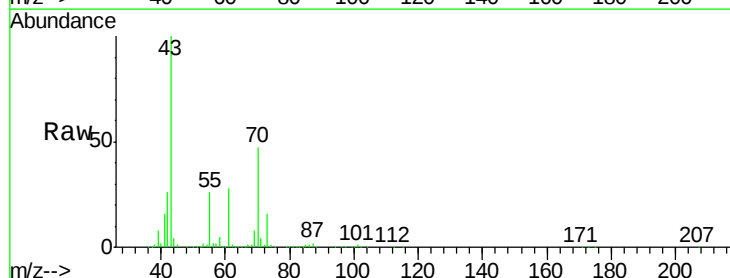
Ion Ratio Lower Upper

43 100

70 49.3 39.7 59.5

55 27.2 21.8 32.6

61 27.7 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

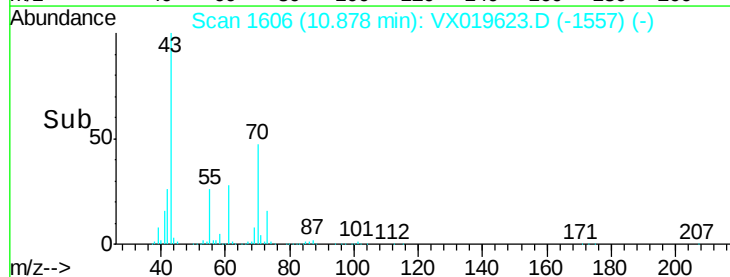
60000

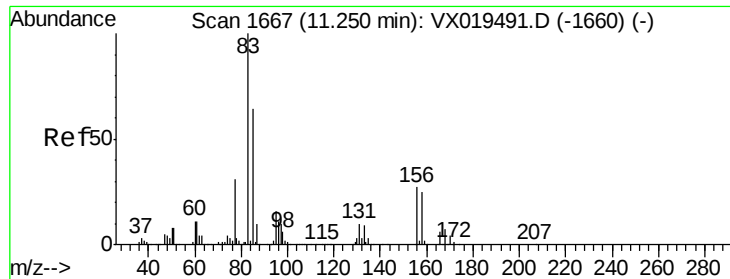
40000

20000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 18.993 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

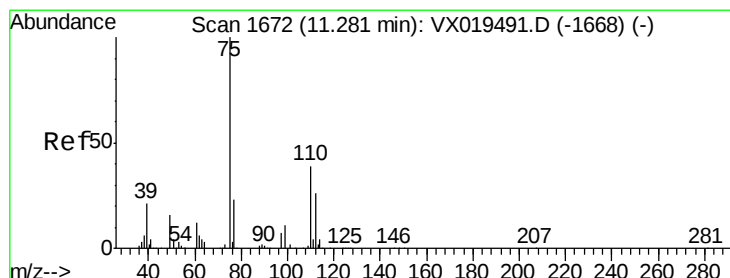
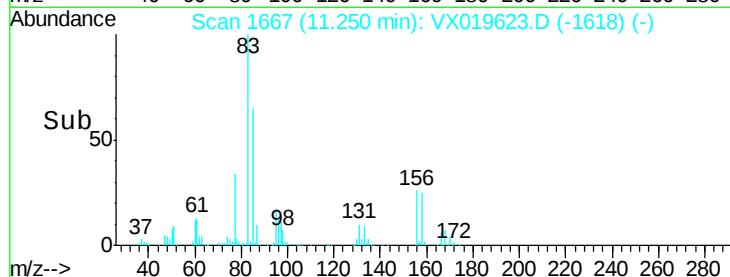
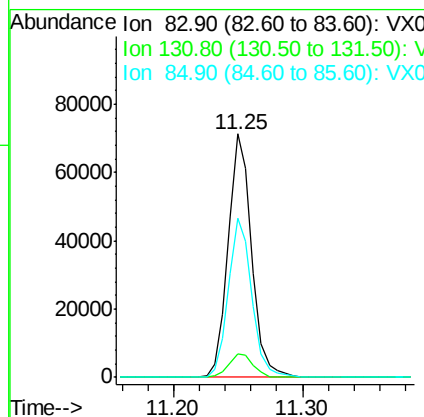
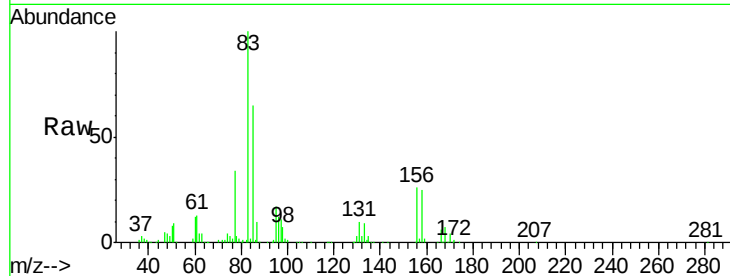
ClientSampleId :

VX1124WBSD02

Tot Ion	83	Resp	91982
Ion Ratio	100	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	65.4	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.578 ug/l m

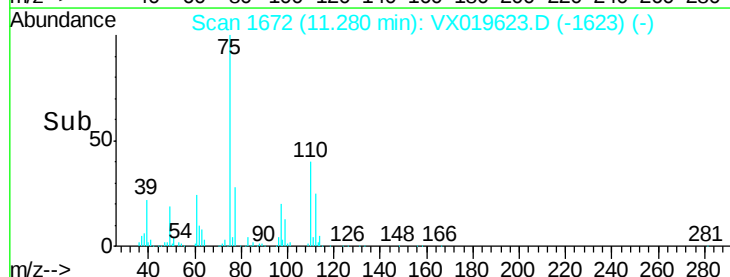
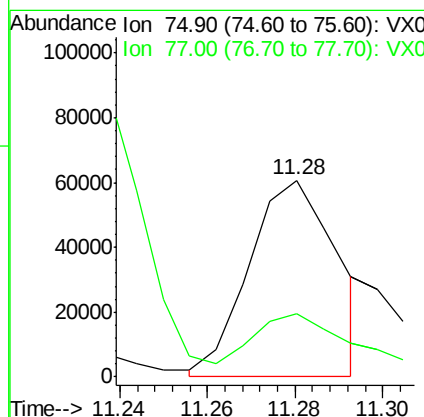
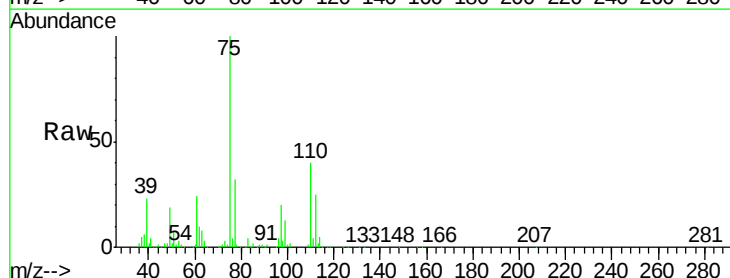
RT: 11.28 min Scan# 1672

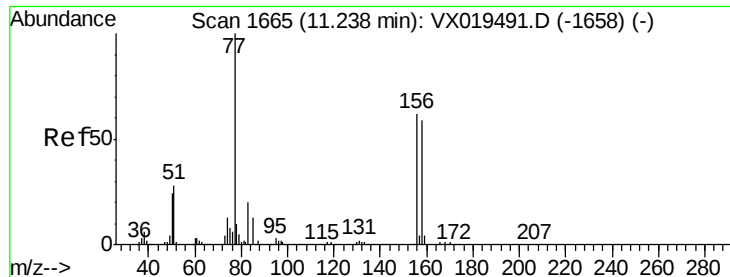
Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Tgt Ion	75	Resp	83644
Ion Ratio	100	Lower	Upper
75	100		
77	38.3	20.0	60.0





#77

Bromobenzene

Concen: 19.869 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

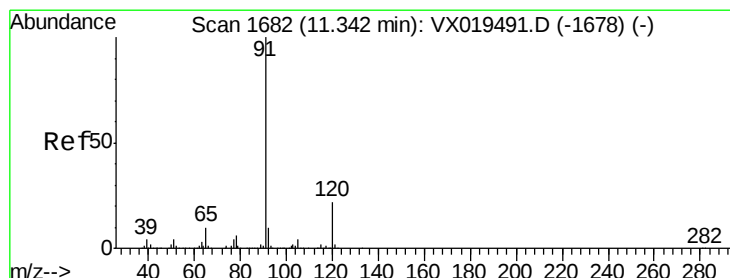
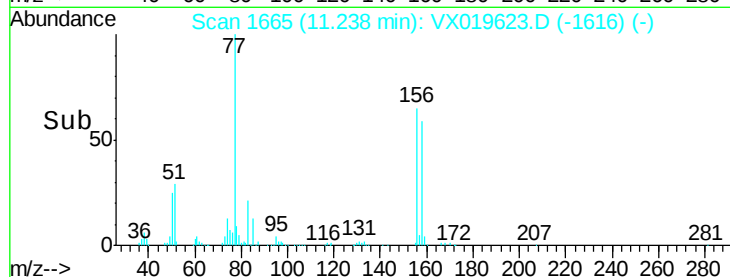
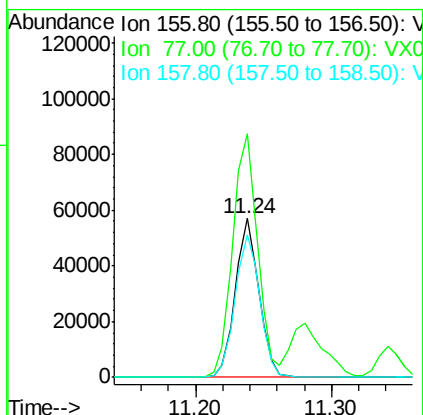
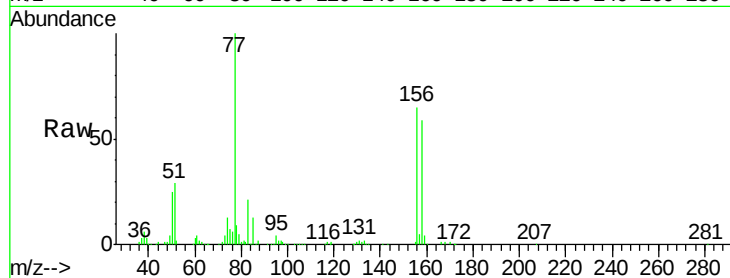
ClientSampleId :

VX1124WBSD02

Tot Ion:	156	Resp:	68691
Ion Ratio	Lower	Upper	
156	100		
77	162.8	82.5	247.3
158	94.6	48.9	146.7

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#78

n-propylbenzene

Concen: 19.526 ug/l

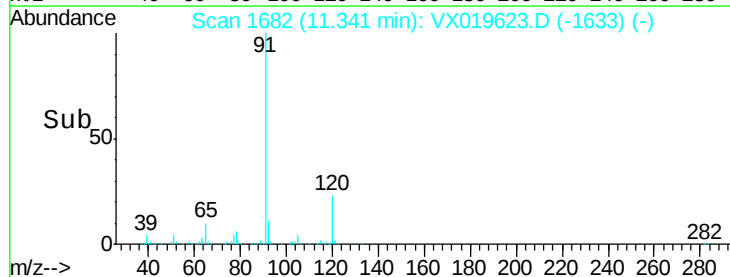
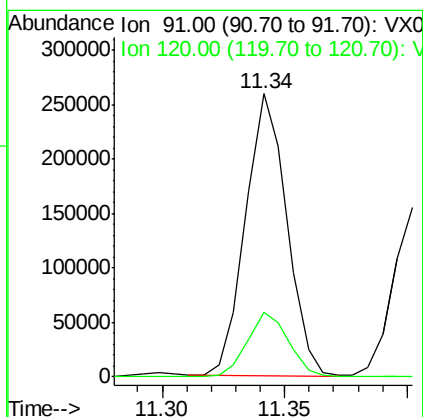
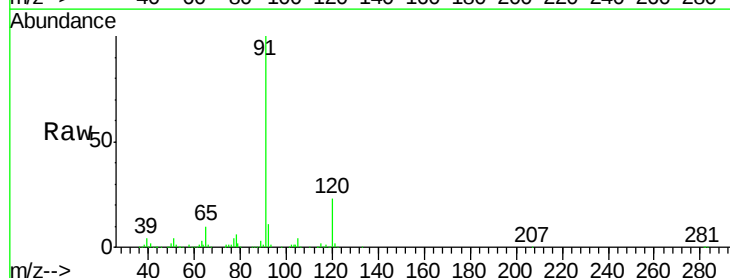
RT: 11.34 min Scan# 1682

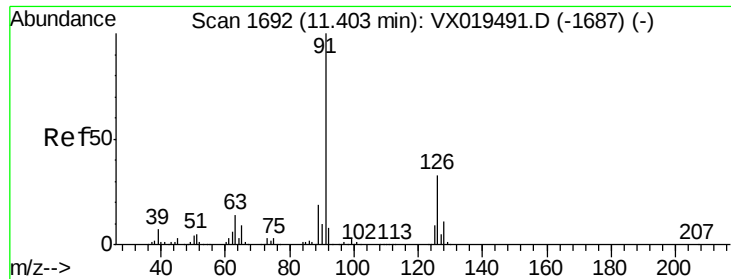
Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Tgt Ion:	91	Resp:	303356
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.886 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019623.D

Acq: 24 Nov 2020 22:53

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD02

Tot Ion: 91 Resp: 187365

Ion Ratio Lower Upper

91 100

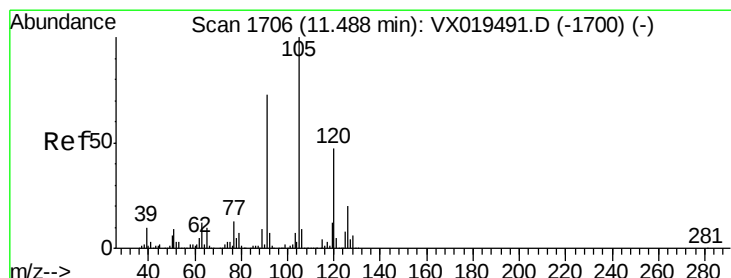
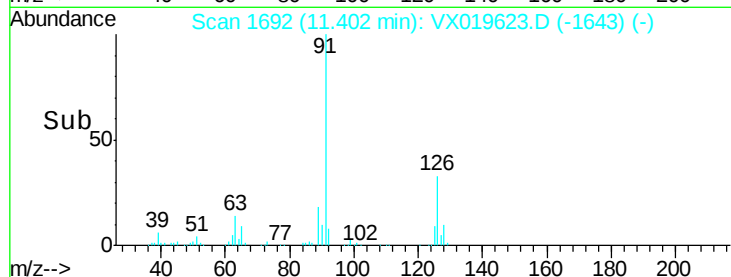
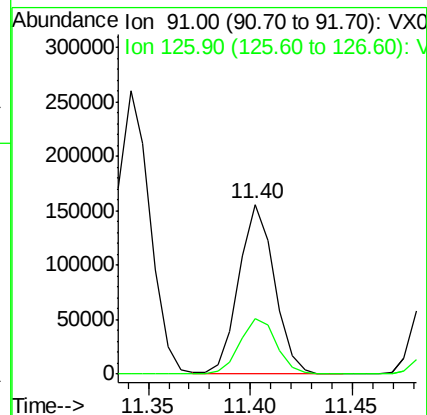
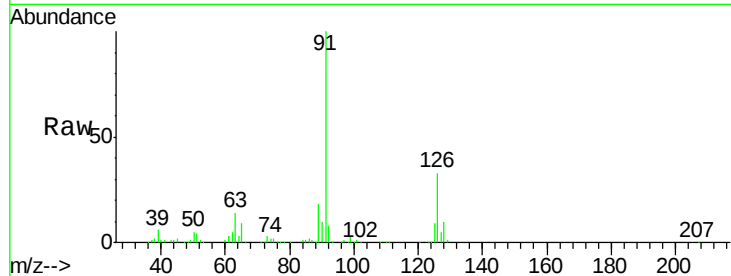
126 33.9 16.7 50.0

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#80

1,3,5-Trimethylbenzene

Concen: 19.866 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019623.D

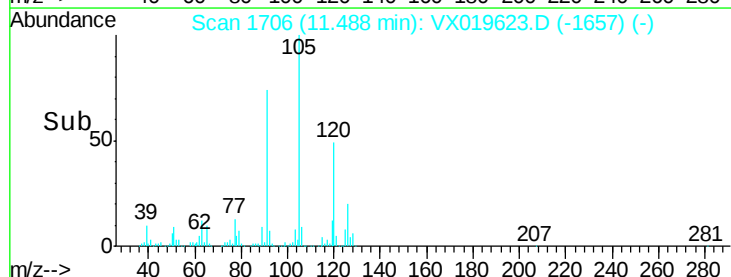
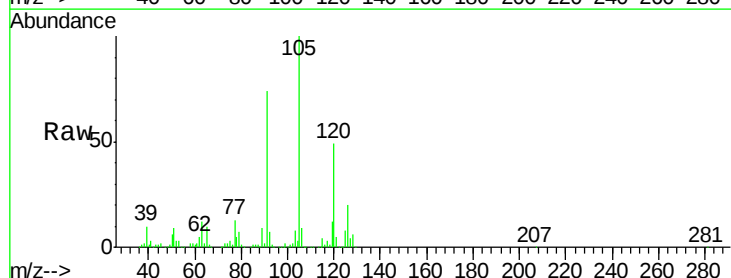
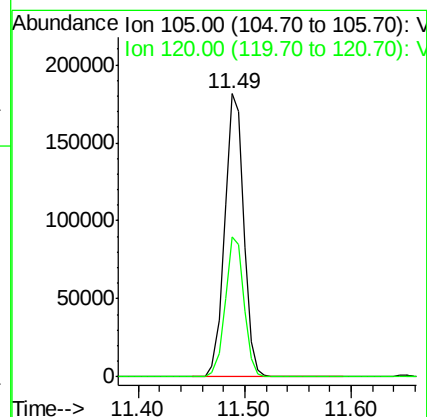
Acq: 24 Nov 2020 22:53

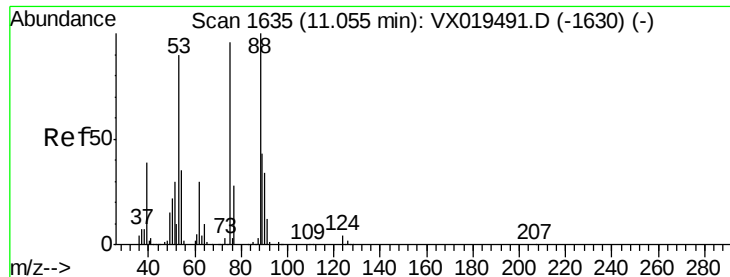
Tgt Ion: 105 Resp: 225692

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.3





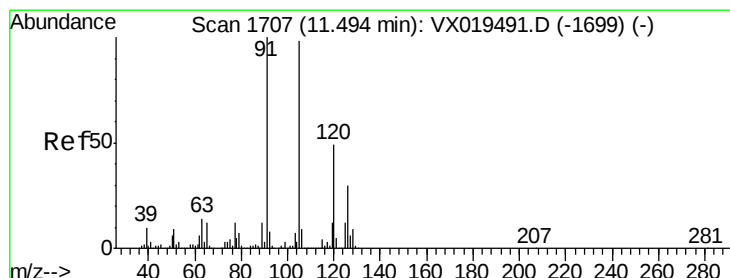
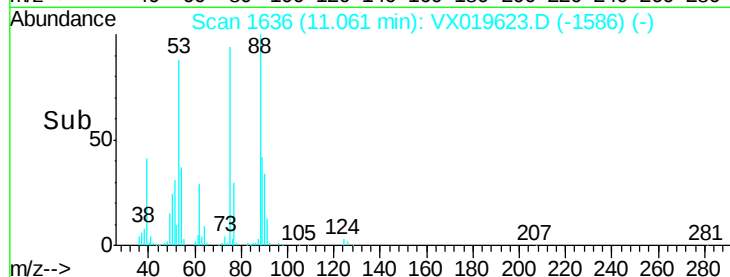
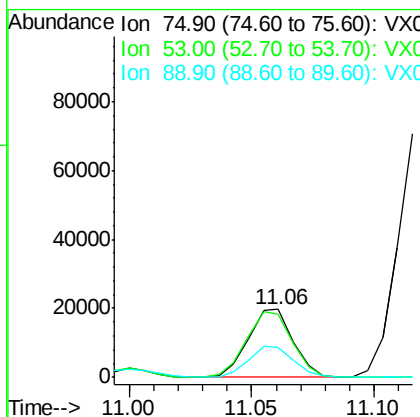
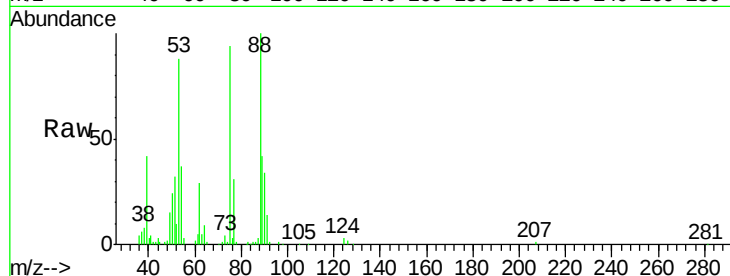
#81
trans-1,4-Dichloro-2-butene
Concen: 18.777 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.5	73.9	110.9
89	45.8	37.3	55.9

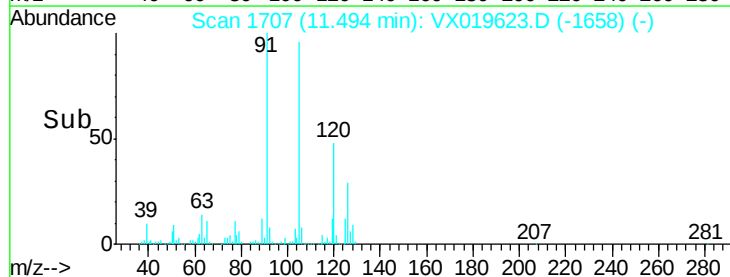
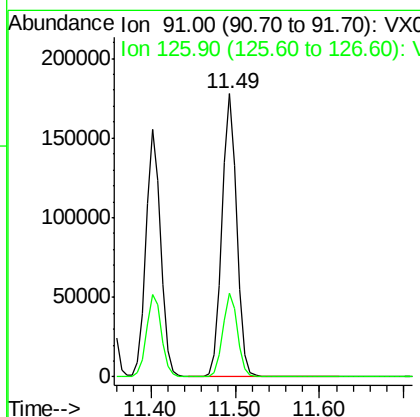
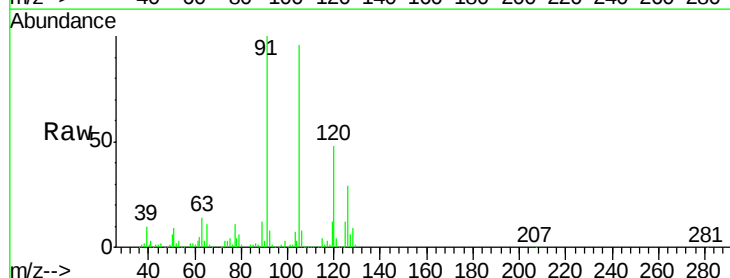
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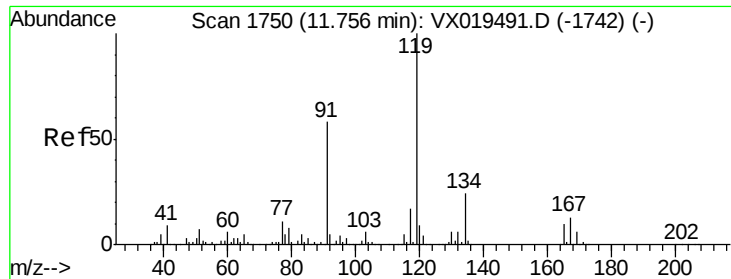
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#82
4-Chlorotoluene
Concen: 19.611 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.9	44.7





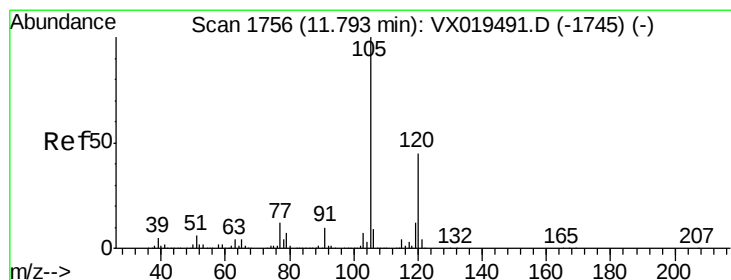
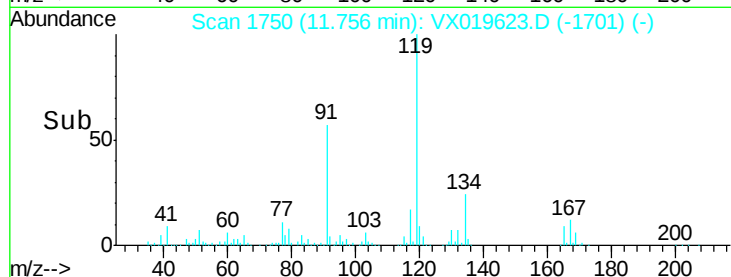
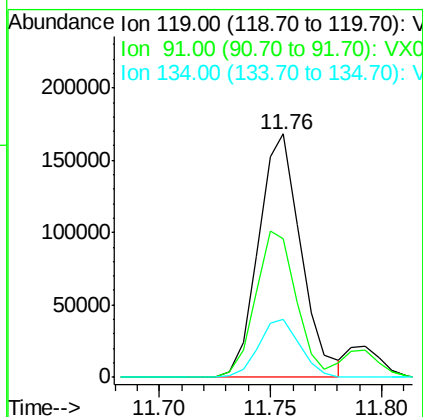
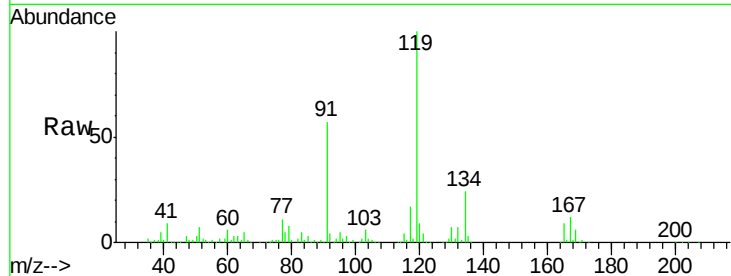
#83
tert-Butylbenzene
Concen: 20.286 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	222961		
91	57.6		28.9	86.8
134	23.4		11.7	35.0

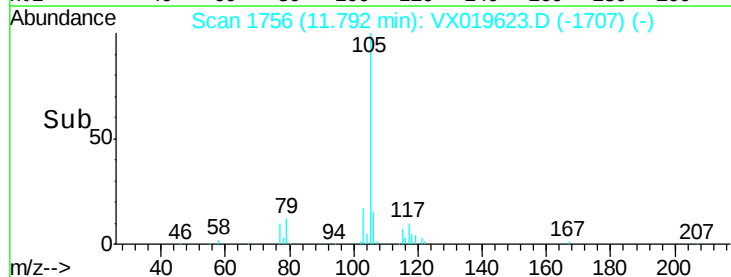
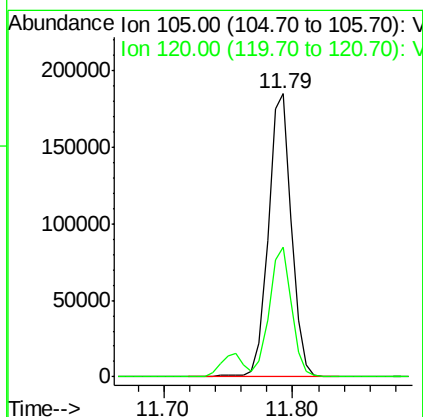
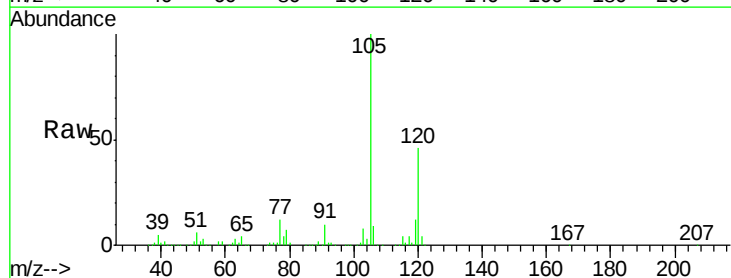
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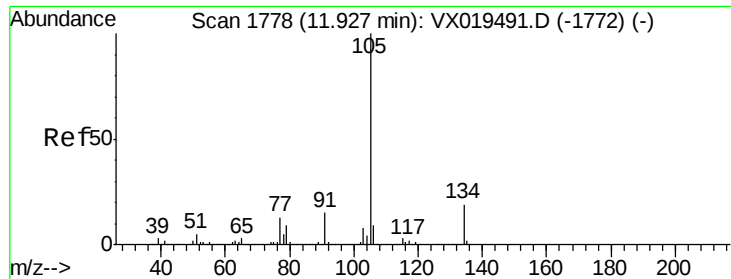
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#84
1,2,4-Trimethylbenzene
Concen: 20.005 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	229948		
120	44.6		22.2	66.6





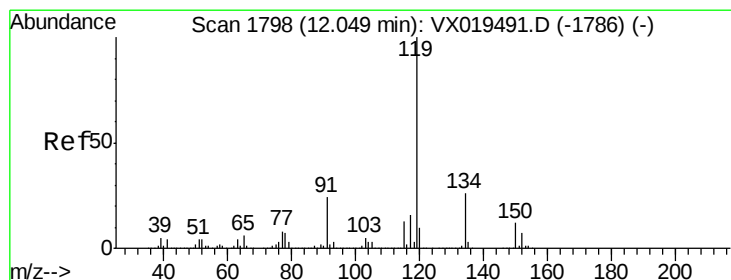
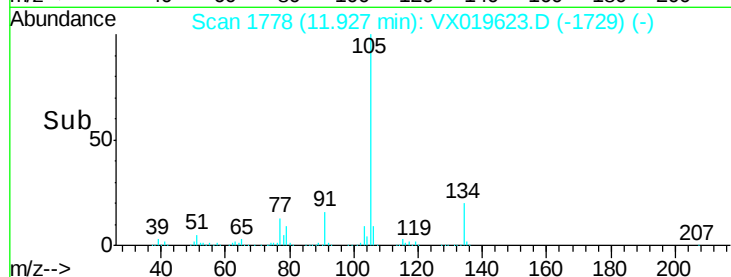
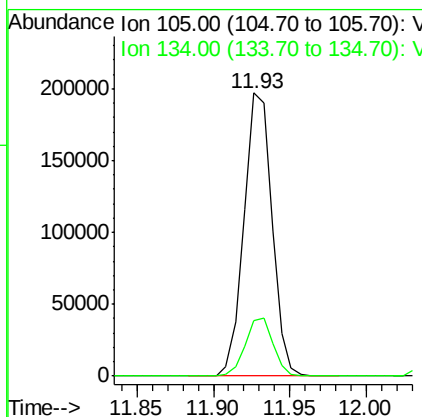
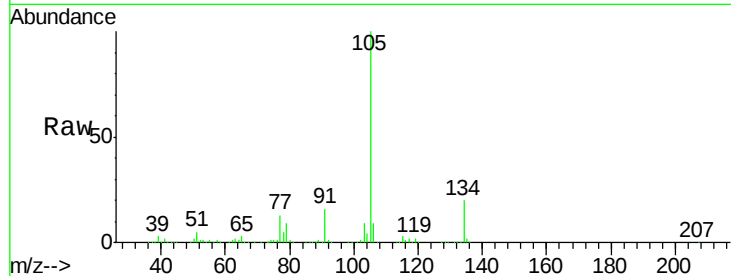
#85
 sec-Butylbenzene
 Concen: 19.208 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	251152		
134	20.4	10.1	30.3	

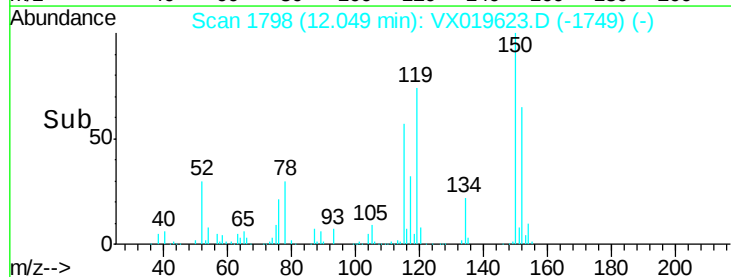
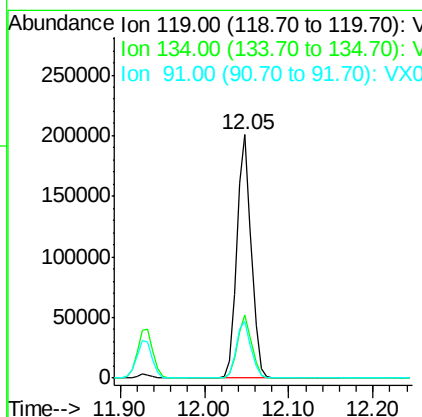
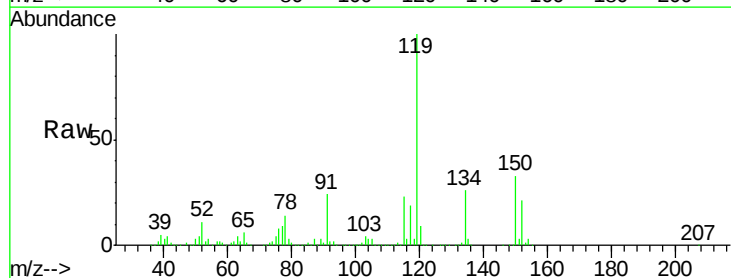
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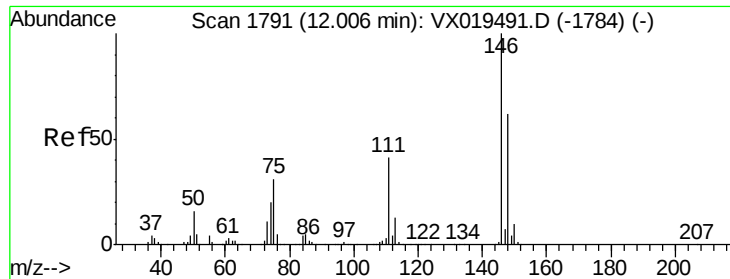
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#86
 p-Isopropyltoluene
 Concen: 19.295 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	229057		
134	25.7	13.1	39.3	
91	23.9	11.8	35.4	





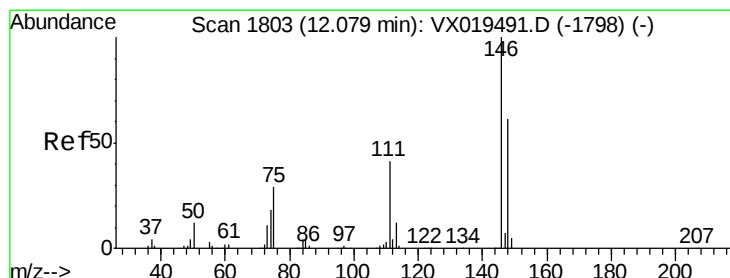
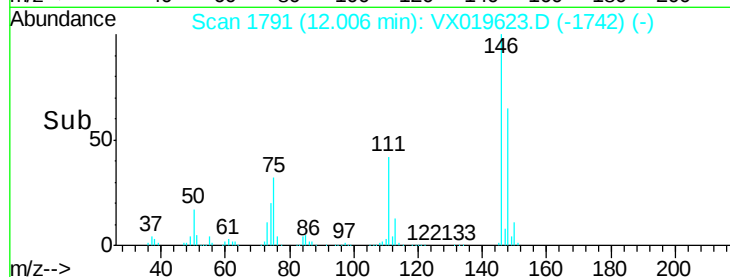
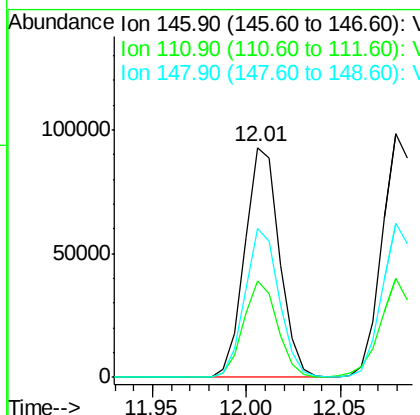
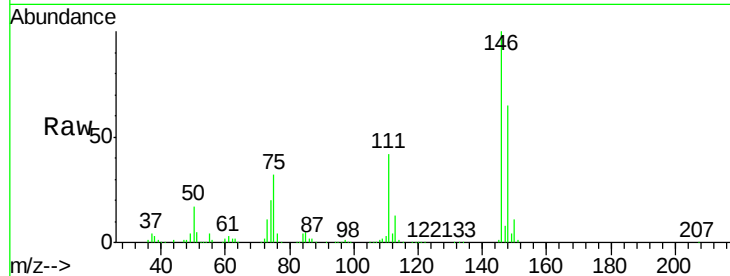
#87
 1,3-Dichlorobenzene
 Concen: 18.685 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118631		
111	41.0	20.2	60.6	
148	63.7	31.4	94.2	

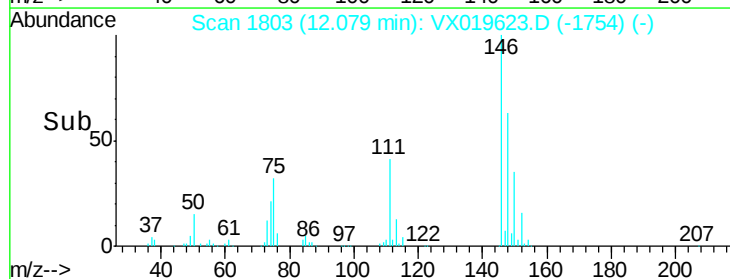
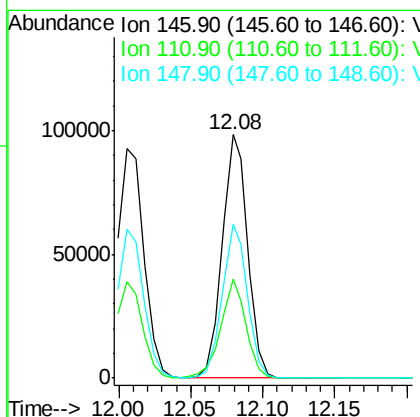
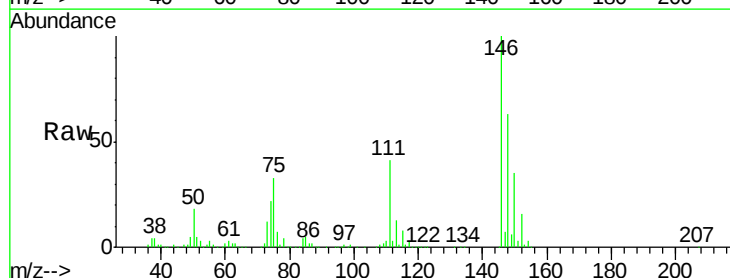
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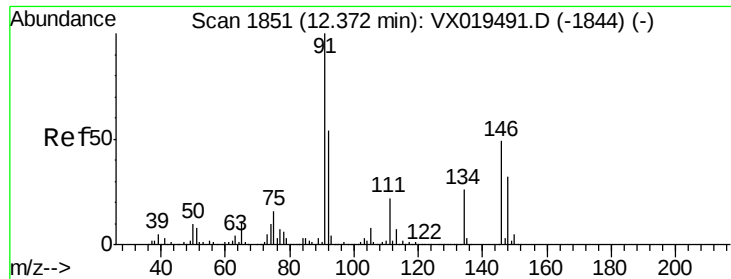
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#88
 1,4-Dichlorobenzene
 Concen: 18.680 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122164		
111	40.6	19.9	59.6	
148	62.7	31.7	95.1	





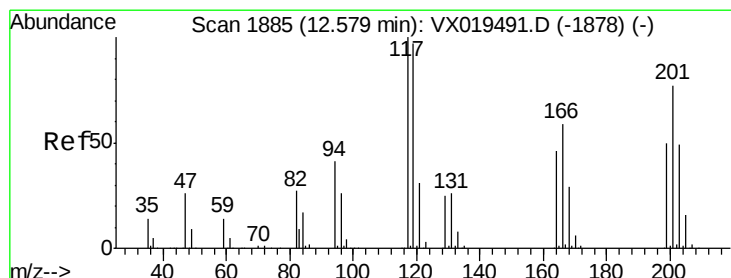
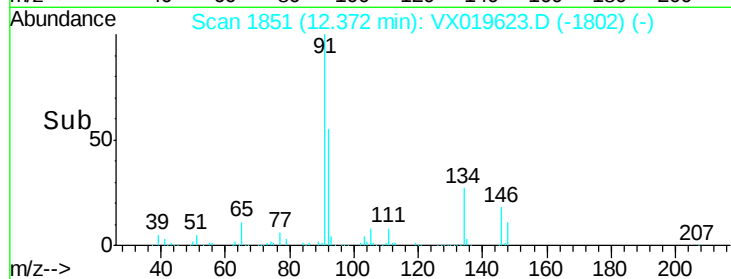
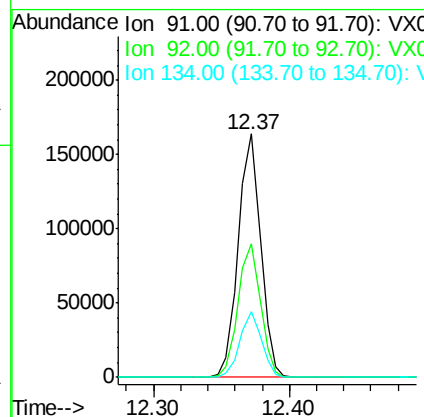
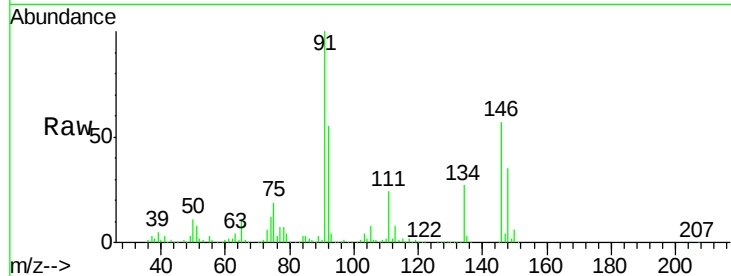
#89
n-Butylbenzene
Concen: 17.599 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	26.9	80.6
134	26.0	12.9	38.6

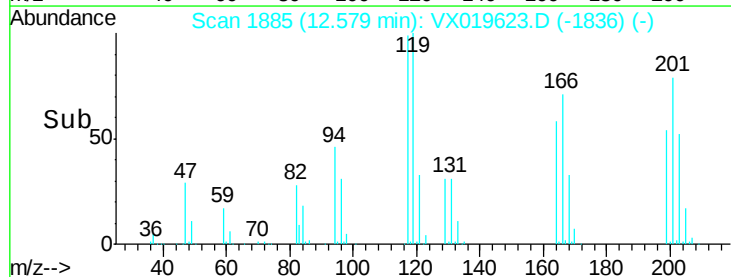
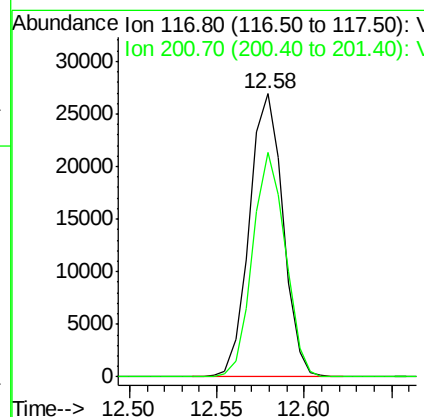
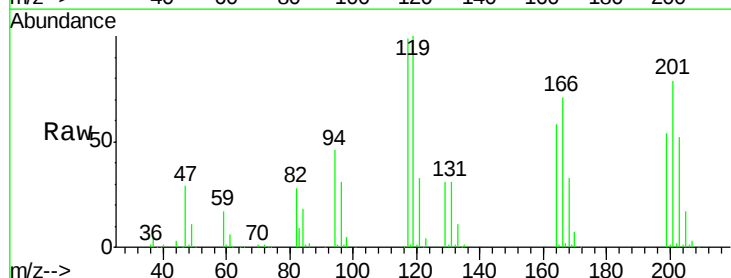
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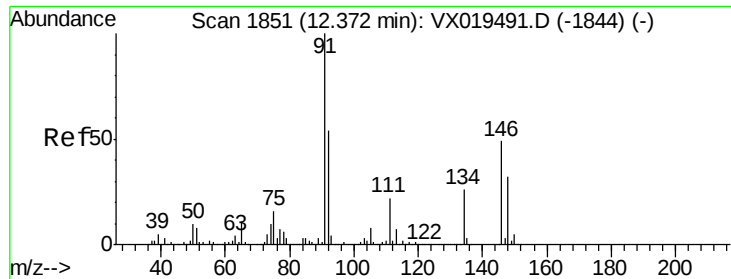
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#90
Hexachloroethane
Concen: 18.129 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.3	39.4	118.2





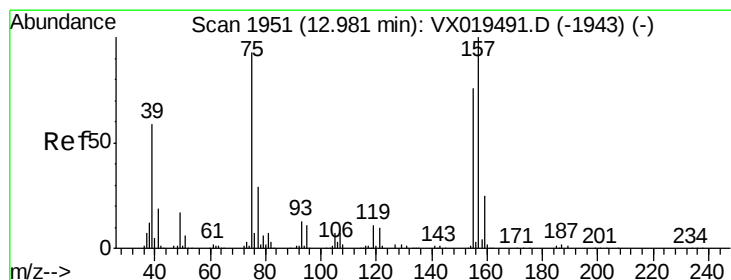
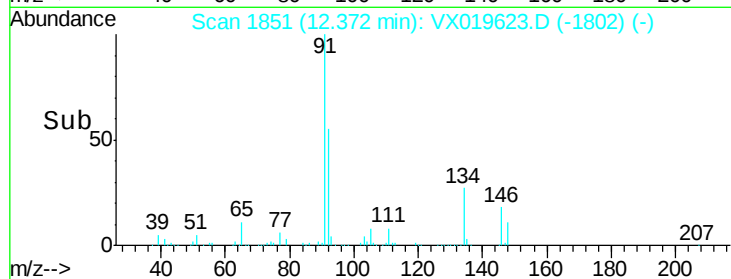
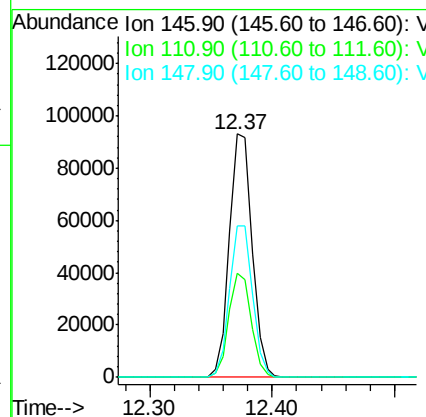
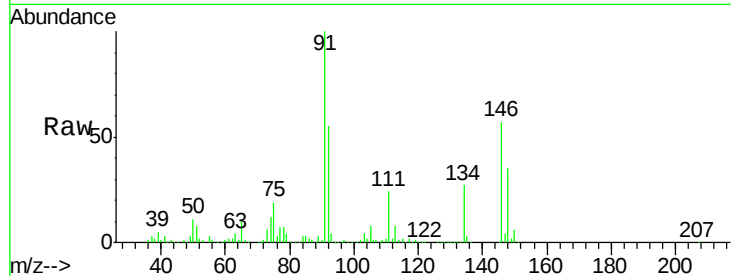
#91
 1,2-Dichlorobenzene
 Concen: 18.832 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.3
148	62.9	32.4	97.0

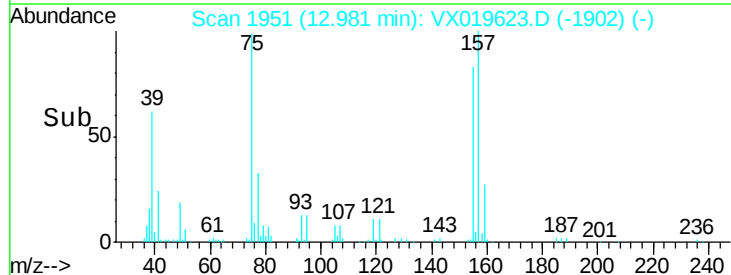
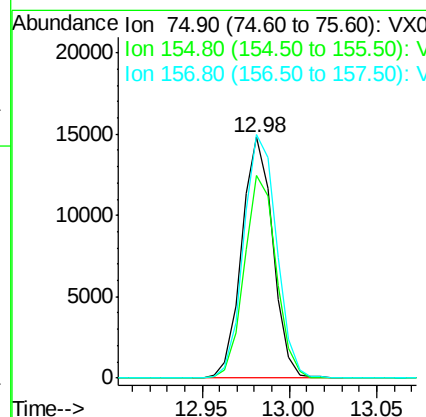
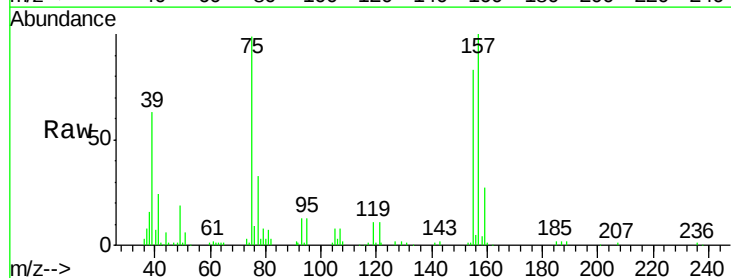
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.483 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019623.D
 Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	43.6	130.9
157	107.3	57.0	170.8





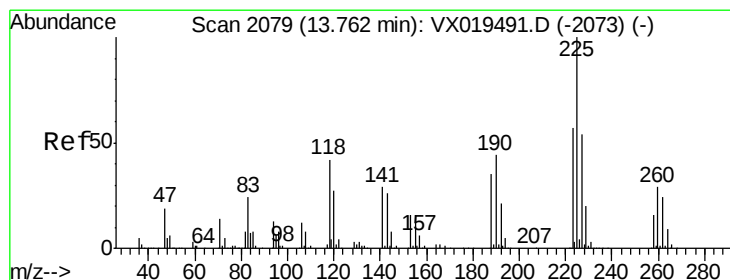
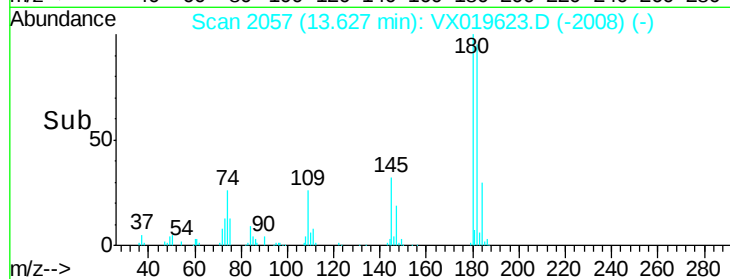
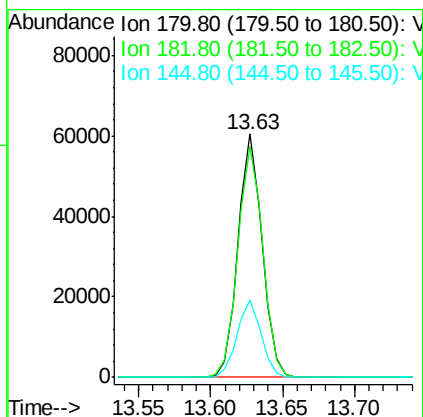
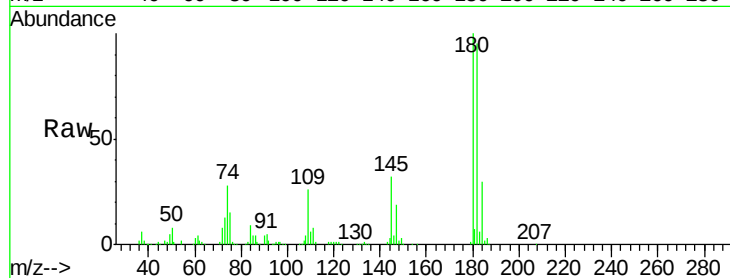
#93
1,2,4-Trichlorobenzene
Concen: 17.236 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	70565		
182	98.0	48.6	145.9	
145	31.8	15.9	47.7	

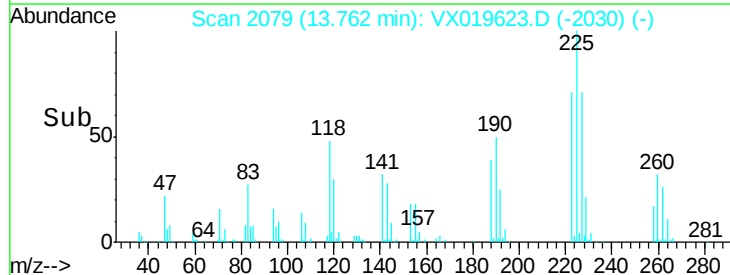
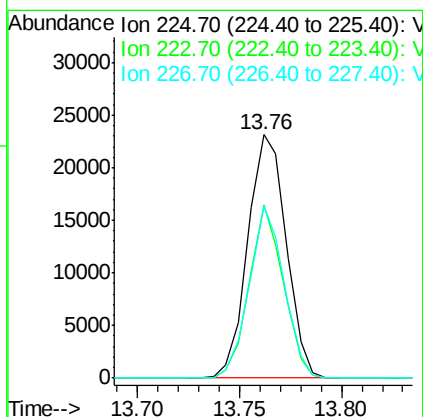
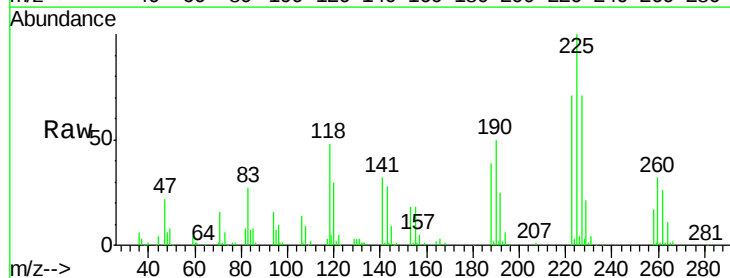
Manual Integrations
APPROVED

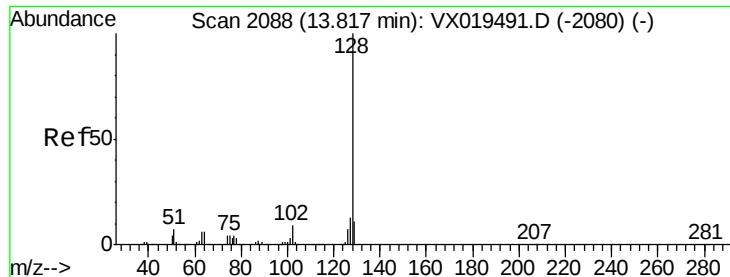
MMDadoda
11/25/2020 9:54:46 AM



#94
Hexachlorobutadiene
Concen: 16.237 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30282		
223	63.5	32.5	97.5	
227	64.5	32.8	98.3	





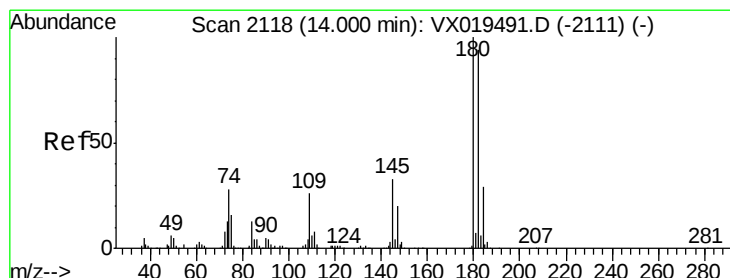
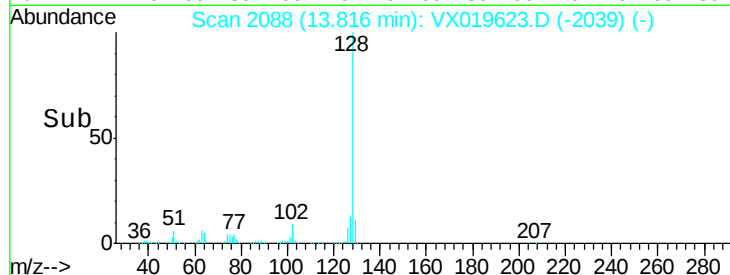
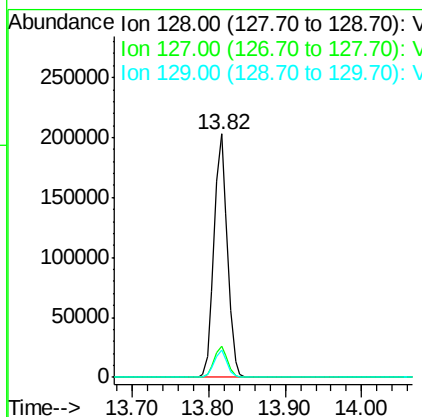
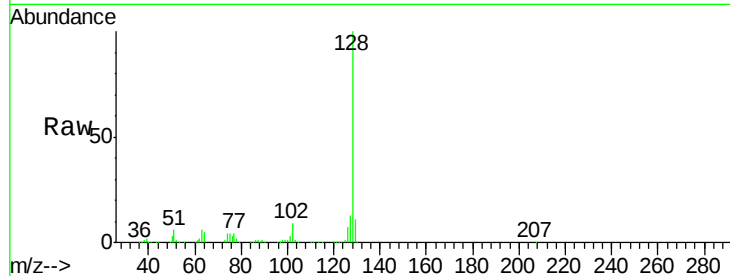
#95
Naphthalene
Concen: 18.441 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/25/2020 9:54:46 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.028 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019623.D
Acq: 24 Nov 2020 22:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.1	144.3
145	31.9	16.6	49.8

