

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019022.D
 Acq On : 22 Oct 2020 13:23
 Operator : JC/SP
 Sample : VX1022WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 11:45:02 AM

Quant Time: Oct 23 08:54:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	239020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	391985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	361711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	135535	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
35) Dibromofluoromethane	5.46	113	117477	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	8.70	98	452313	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	11.12	95	158267	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45304	19.029	ug/l	100
3) Chloromethane	1.31	50	43836	18.518	ug/l	99
4) Vinyl Chloride	1.39	62	52548	18.813	ug/l	98
5) Bromomethane	1.64	94	54870	17.974	ug/l	98
6) Chloroethane	1.71	64	35209	16.492	ug/l	100
7) Trichlorofluoromethane	1.92	101	85101	18.029	ug/l	97
8) Diethyl Ether	2.17	74	33552	18.153	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	40953	18.314	ug/l	100
10) Methyl Iodide	2.49	142	49371	18.933	ug/l	100
11) Tert butyl alcohol	3.03	59	54798	94.501	ug/l	99
12) 1,1-Dichloroethene	2.35	96	42049	18.074	ug/l	98
13) Acrolein	2.28	56	18473	93.504	ug/l	98
14) Allyl chloride	2.71	41	53362	17.730	ug/l	99
15) Acrylonitrile	3.12	53	102092	91.047	ug/l	99
16) Acetone	2.43	43	86969	89.181	ug/l	98
17) Carbon Disulfide	2.55	76	115925	17.278	ug/l	99
18) Methyl Acetate	2.75	43	44459	18.372	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	132632	17.998	ug/l	99
20) Methylene Chloride	2.84	84	49083	18.079	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	48024	17.691	ug/l	96
22) Diisopropyl ether	3.82	45	108080	18.212	ug/l	97
23) Vinyl Acetate	3.78	43	514589	91.316	ug/l	98
24) 1,1-Dichloroethane	3.67	63	78156	18.083	ug/l	99
25) 2-Butanone	4.64	43	141331	91.720	ug/l	99
26) 2,2-Dichloropropane	4.55	77	71219	17.847	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	54674	17.746	ug/l	99
28) Bromochloromethane	4.98	49	32992	17.977	ug/l	99
29) Tetrahydrofuran	5.09	42	81716	88.726	ug/l	99
30) Chloroform	5.18	83	86156	18.361	ug/l	97
31) Cyclohexane	5.55	56	60579	18.068	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	77172	18.134	ug/l	99
36) 1,1-Dichloropropene	5.77	75	64354	18.297	ug/l	99
37) Ethyl Acetate	4.79	43	57191	19.051	ug/l	99
38) Carbon Tetrachloride	5.75	117	65817	17.828	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 11:45:02 AM

Quant Time: Oct 23 08:54:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	71829	18.228	ug/l	99
40) Benzene	6.11	78	189858	18.328	ug/l	97
41) Methacrylonitrile	5.00	41	29500	18.293	ug/l	99
42) 1,2-Dichloroethane	6.16	62	66914	18.928	ug/l	99
43) Isopropyl Acetate	6.41	43	93967	18.482	ug/l	99
44) Trichloroethene	7.19	130	54984	18.201	ug/l	97
45) 1,2-Dichloropropane	7.49	63	45411	18.276	ug/l	100
46) Dibromomethane	7.64	93	34108	18.023	ug/l	100
47) Bromodichloromethane	7.88	83	67458	18.180	ug/l	99
48) Methyl methacrylate	7.74	41	44143	17.621	ug/l	99
49) 1,4-Dioxane	7.74	88	21328	376.803	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	283427	94.604	ug/l	100
52) Toluene	8.77	92	124785	18.238	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	73076	17.439	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	80297	18.147	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	51029	18.296	ug/l	98
56) Ethyl methacrylate	9.16	69	72099	17.968	ug/l	98
57) 1,3-Dichloropropane	9.35	76	82429	18.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	201313	95.502	ug/l	98
59) 2-Hexanone	9.48	43	215500	96.523	ug/l	99
60) Dibromochloromethane	9.57	129	53656	17.650	ug/l	99
61) 1,2-Dibromoethane	9.65	107	53820	18.035	ug/l	100
64) Tetrachloroethene	9.32	164	50577	18.365	ug/l	91
65) Chlorobenzene	10.12	112	137548	18.129	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	49252	18.258	ug/l	100
67) Ethyl Benzene	10.24	91	238003	18.198	ug/l	99
68) m/p-Xylenes	10.34	106	183436	36.615	ug/l	99
69) o-Xylene	10.68	106	87582	18.266	ug/l	99
70) Styrene	10.69	104	146357	17.979	ug/l	99
71) Bromoform	10.84	173	38763	17.801	ug/l	# 97
73) Isopropylbenzene	11.00	105	239238	18.151	ug/l	99
74) N-amyl acetate	10.88	43	76708	18.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	73688	18.557	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	67901m	18.541	ug/l	
77) Bromobenzene	11.24	156	57790	17.360	ug/l	99
78) n-propylbenzene	11.34	91	268057	17.948	ug/l	99
79) 2-Chlorotoluene	11.40	91	154564	17.739	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	195002	17.915	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	24167	16.813	ug/l	98
82) 4-Chlorotoluene	11.49	91	184370	17.783	ug/l	99
83) tert-Butylbenzene	11.76	119	193805	18.075	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	198512	18.214	ug/l	100
85) sec-Butylbenzene	11.93	105	233204	17.973	ug/l	99
86) p-Isopropyltoluene	12.05	119	213066	17.972	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	106854	17.499	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	107925	17.222	ug/l	98
89) n-Butylbenzene	12.37	91	194591	17.931	ug/l	99
90) Hexachloroethane	12.58	117	31847	17.547	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	103045	18.099	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16076	17.780	ug/l	96

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MSVOA_X
ClientSampleId :
VX1022WBS01

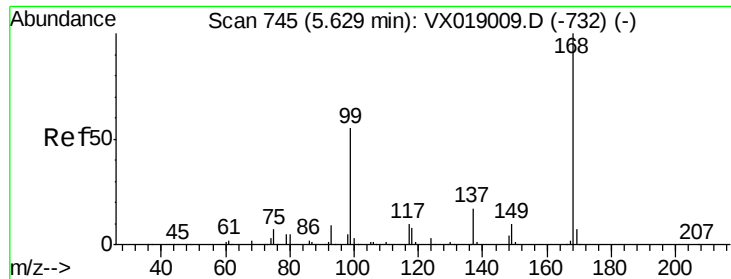
Manual Integrations
APPROVED

MMDadoda
10/23/2020 11:45:02 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71565	17.181	ug/l	99
94) Hexachlorobutadiene	13.77	225	32952	17.064	ug/l	99
95) Naphthalene	13.82	128	231035	17.629	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	68304	16.847	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion:168 Resp: 239020

Ion Ratio Lower Upper

168 100

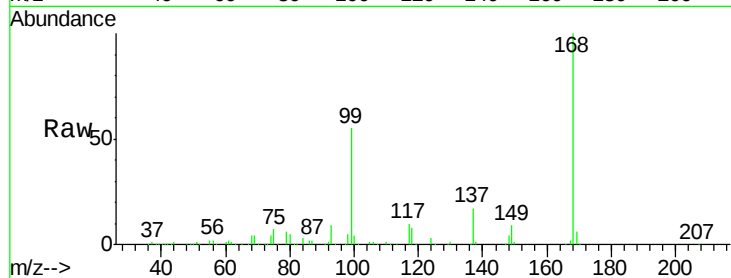
99 55.0 44.2 66.2

Manual Integrations

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10/23/2020 11:45:02 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

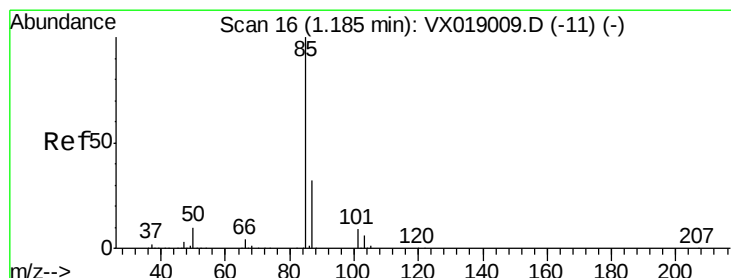
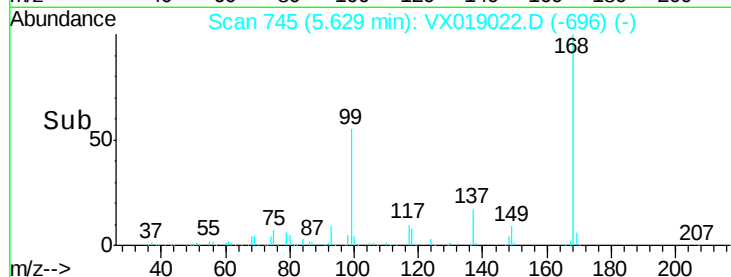
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.029 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019022.D

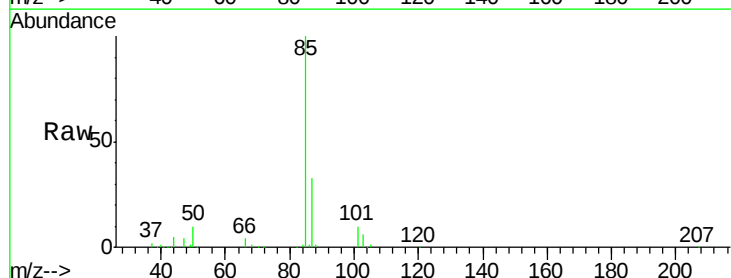
Acq: 22 Oct 2020 13:23

Tgt Ion: 85 Resp: 45304

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

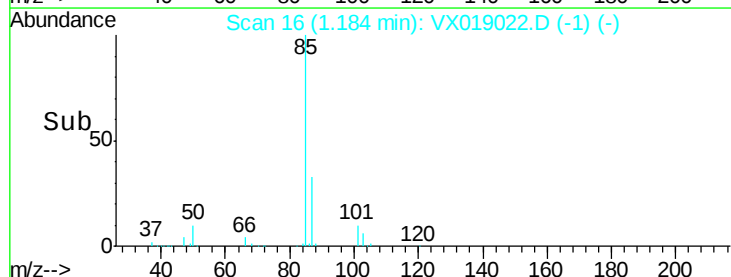
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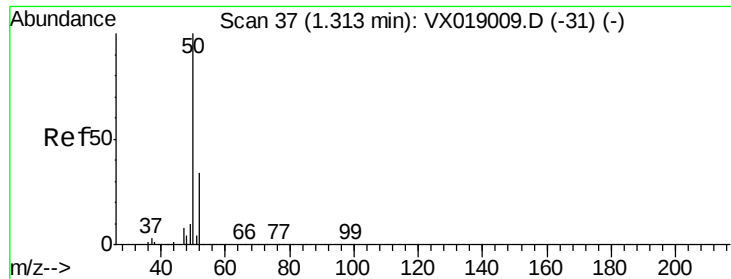
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.518 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion: 50 Resp: 43836

Ion Ratio Lower Upper

50 100

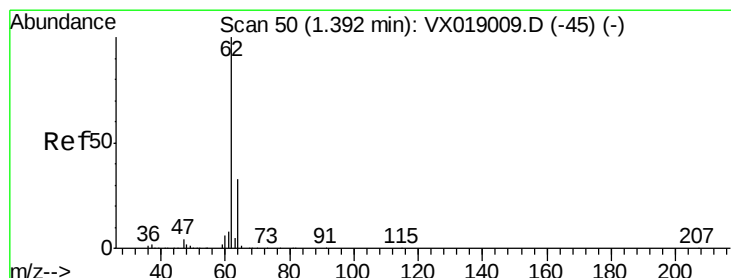
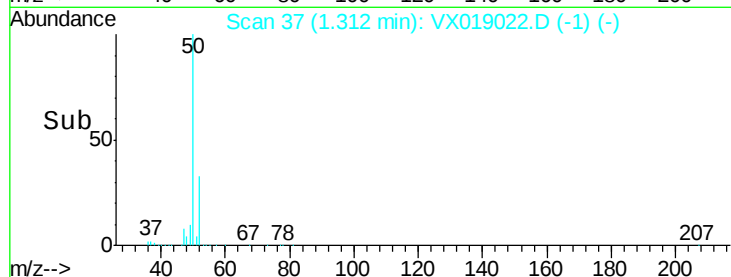
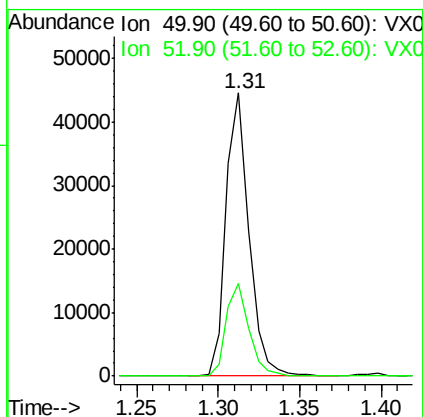
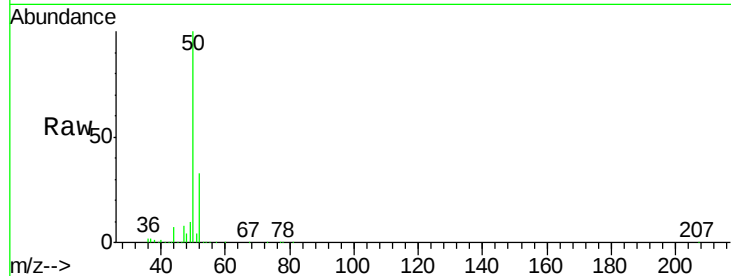
52 33.0 27.0 40.6

Manual Integrations

APPROVED

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10/23/2020 11:45:02 AM



#4

Vinyl Chloride

Concen: 18.813 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019022.D

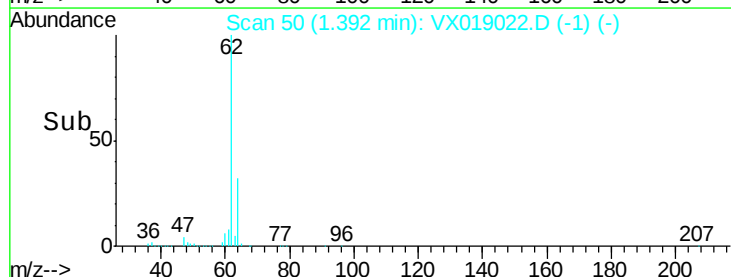
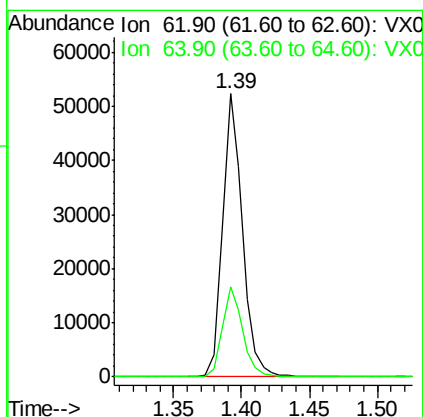
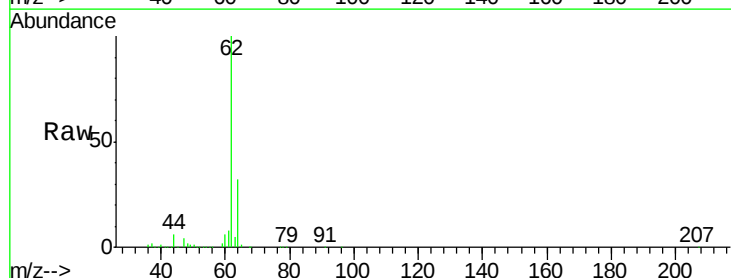
Acq: 22 Oct 2020 13:23

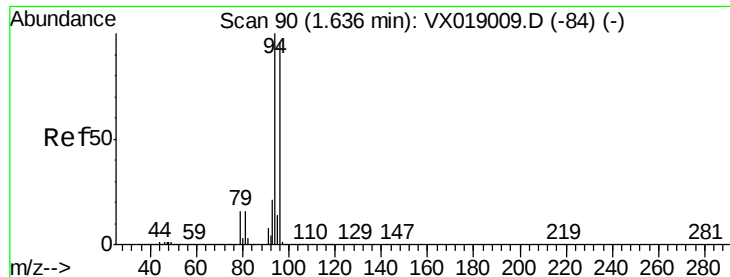
Tgt Ion: 62 Resp: 52548

Ion Ratio Lower Upper

62 100

64 32.0 26.5 39.7





#5

Bromomethane

Concen: 17.974 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion: 94 Resp: 54870

Ion Ratio Lower Upper

94 100

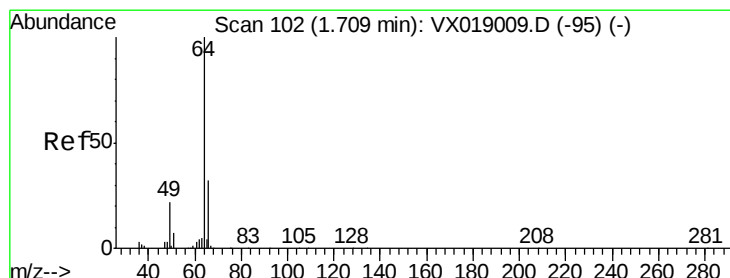
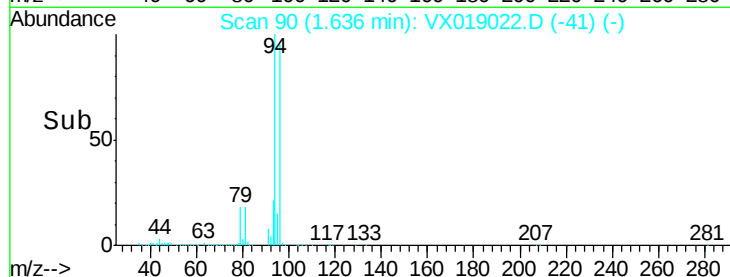
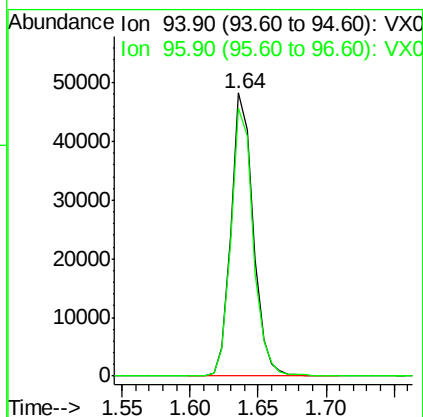
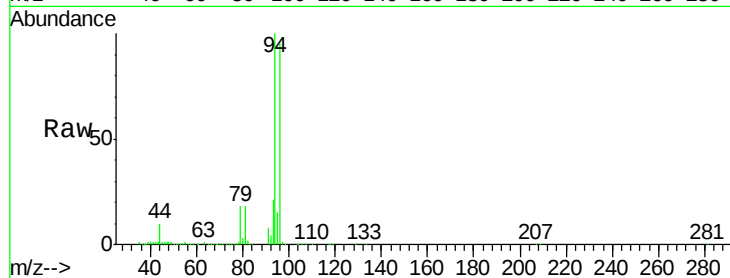
96 94.8 77.1 115.7

Manual Integrations

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#6

Chloroethane

Concen: 16.492 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019022.D

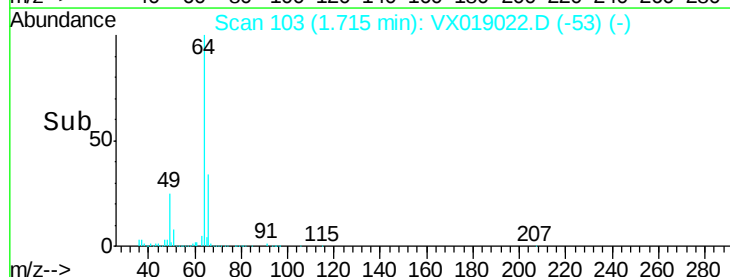
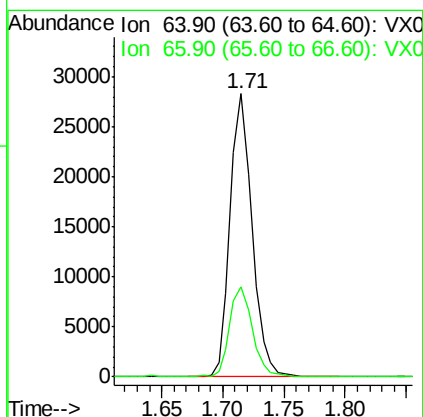
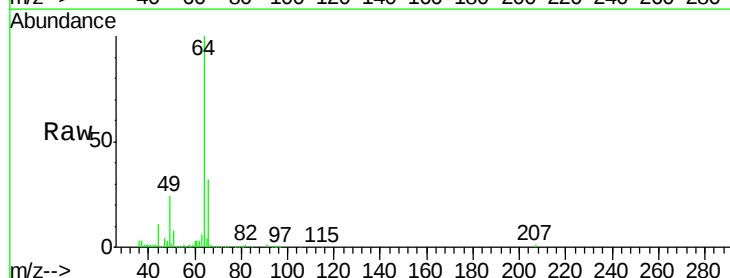
Acq: 22 Oct 2020 13:23

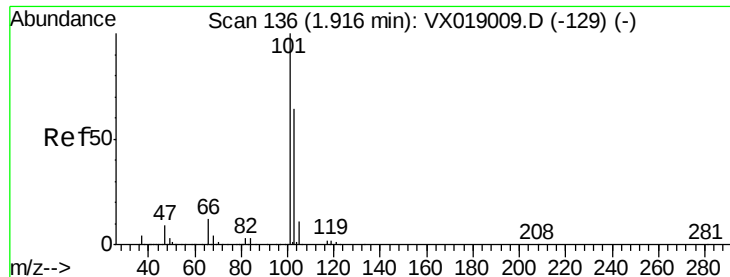
Tgt Ion: 64 Resp: 35209

Ion Ratio Lower Upper

64 100

66 31.9 25.7 38.5





#7

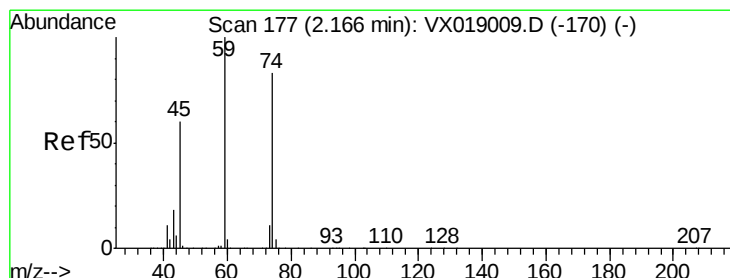
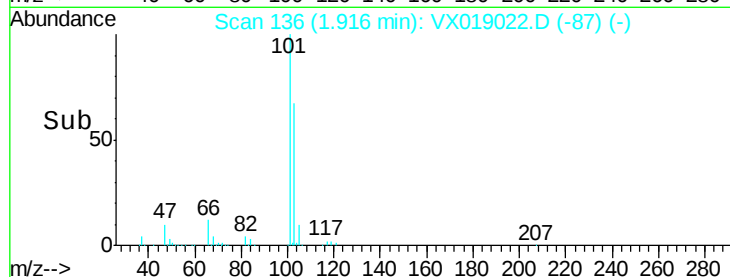
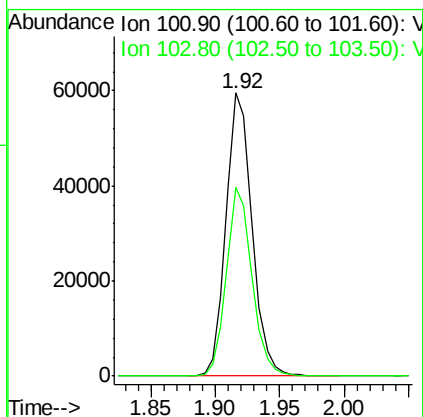
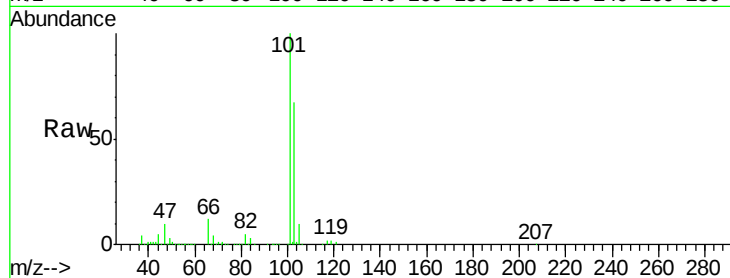
Trichlorofluoromethane
Concen: 18.029 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

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MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	51.2	76.8

Manual Integrations
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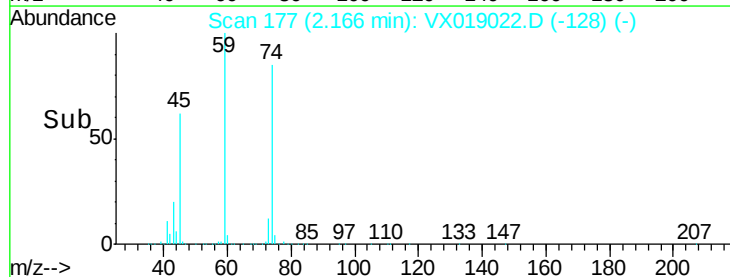
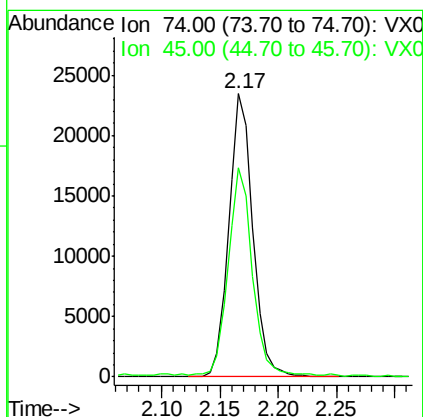
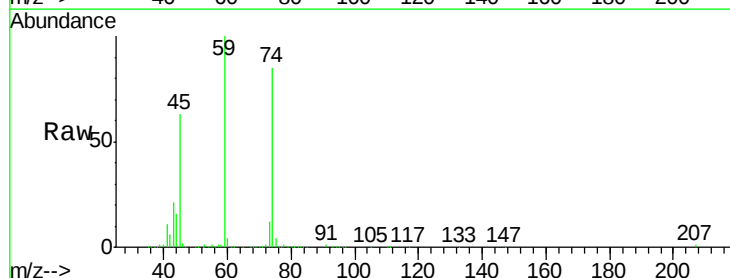
MMDadoda
10/23/2020 11:45:02 AM

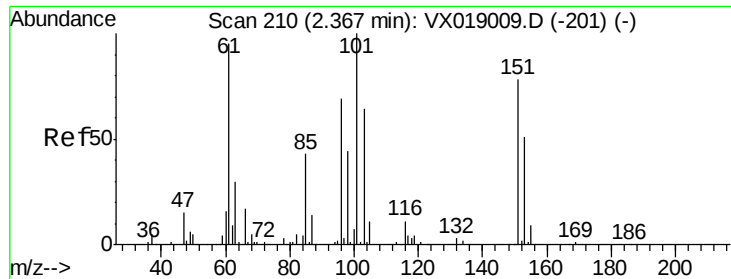


#8

Diethyl Ether
Concen: 18.153 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.3	36.8	110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.314 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

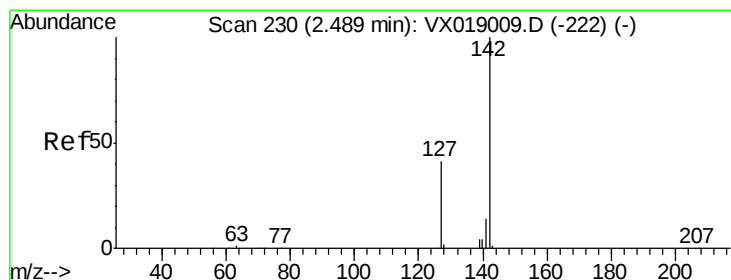
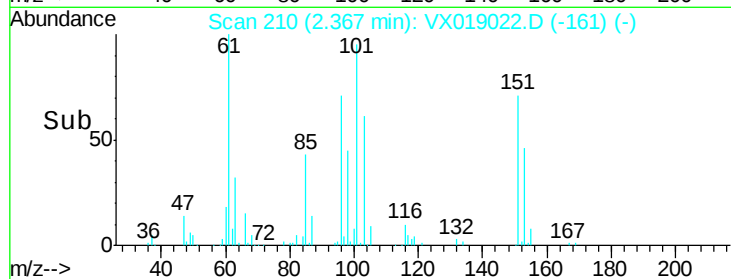
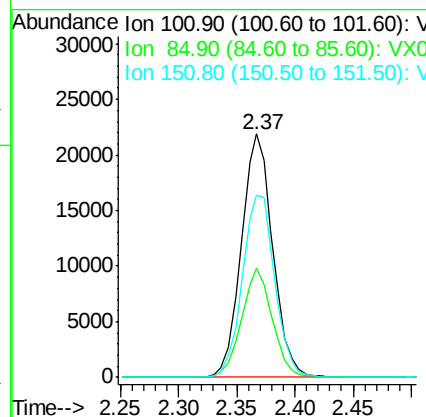
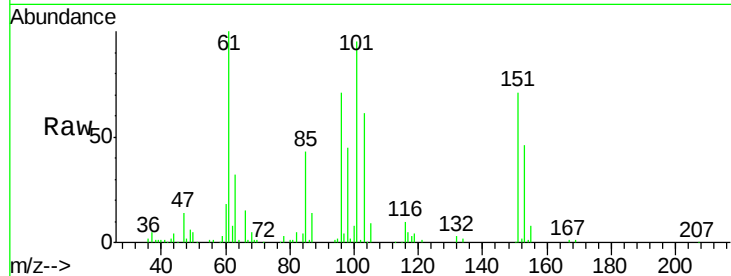
ClientSampleId :

VX1022WBS01

Tot Ion:	101	Resp:	40953
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.2	52.8
151	77.7	62.4	93.6

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#10

Methyl Iodide

Concen: 18.933 ug/l

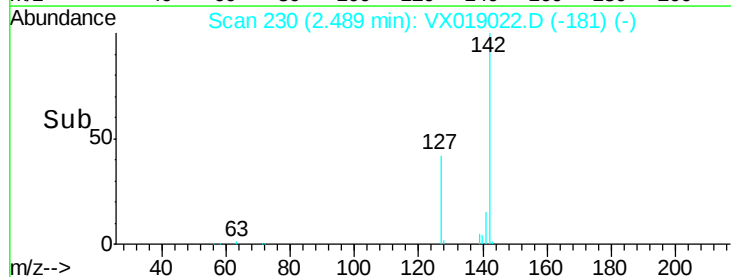
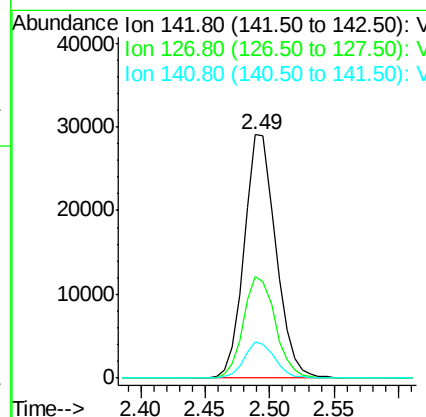
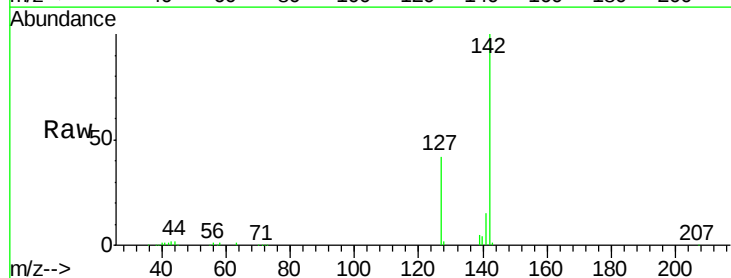
RT: 2.49 min Scan# 230

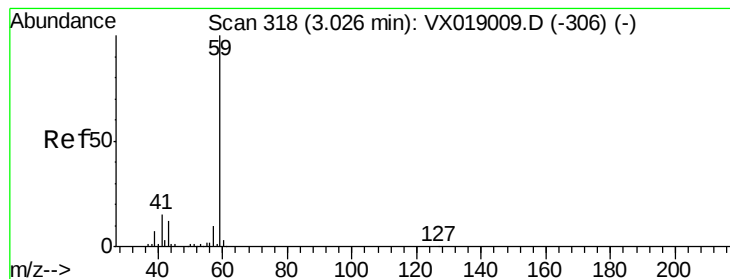
Delta R.T. 0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Tgt Ion:	142	Resp:	49371
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.6	50.4
141	14.3	11.2	16.8





#11

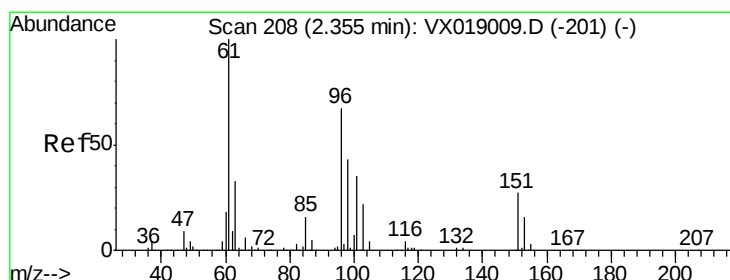
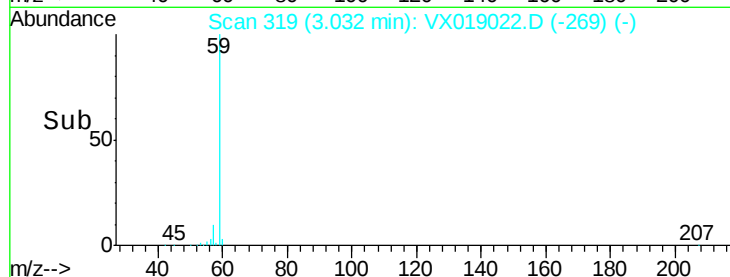
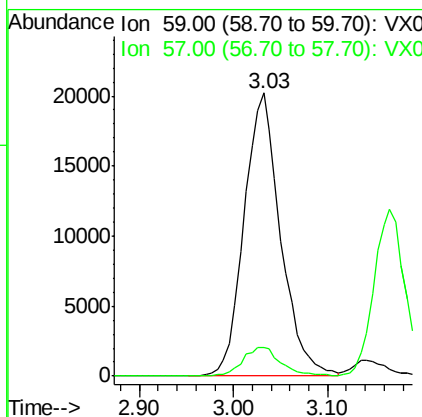
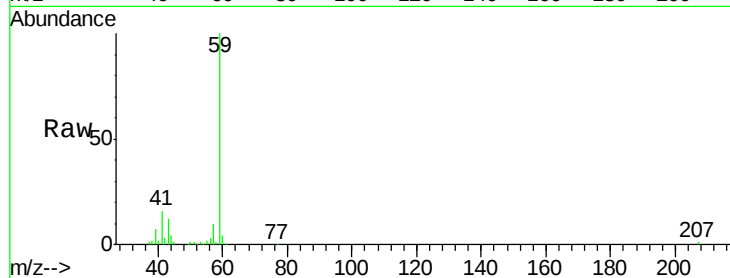
Tert butyl alcohol
Concen: 94.501 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	59	57	Ratio	100	10.7	Resp	54798	Lower	8.2	Upper	12.2
Ion											

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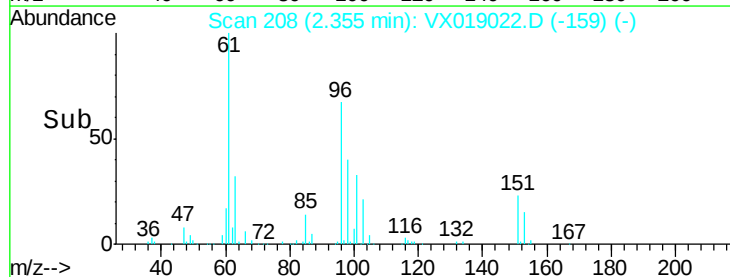
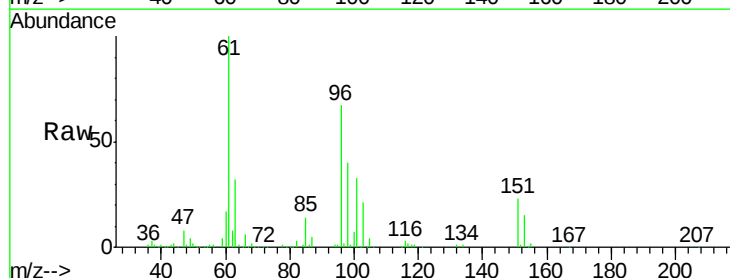
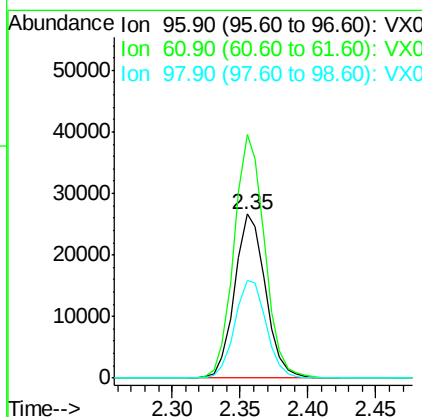
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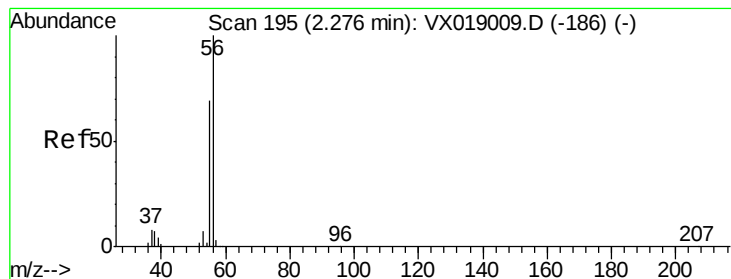


#12

1,1-Dichloroethene
Concen: 18.074 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	96	61	98	Ratio	100	148.6	59.7	Resp	42049	Lower	119.0	Upper	178.6	76.4
Ion														





#13

Acrolein

Concen: 93.504 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion: 56 Resp: 18473

Ion Ratio Lower Upper

56 100

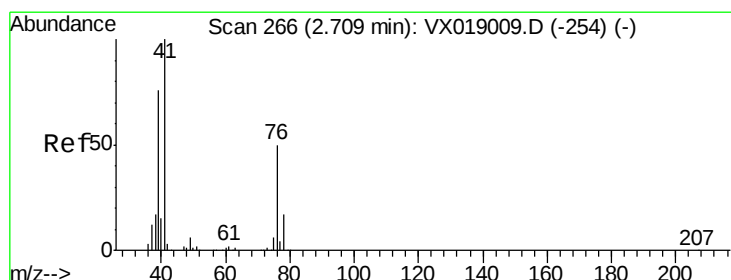
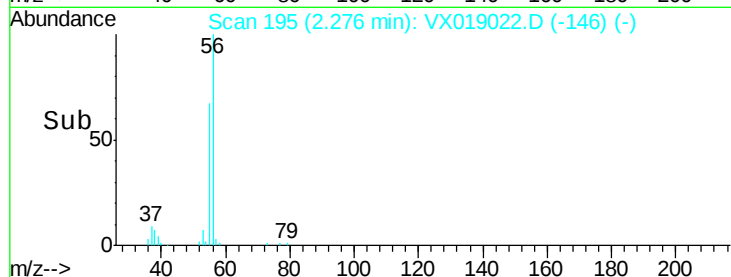
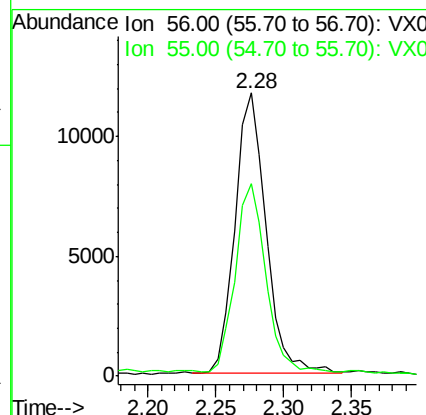
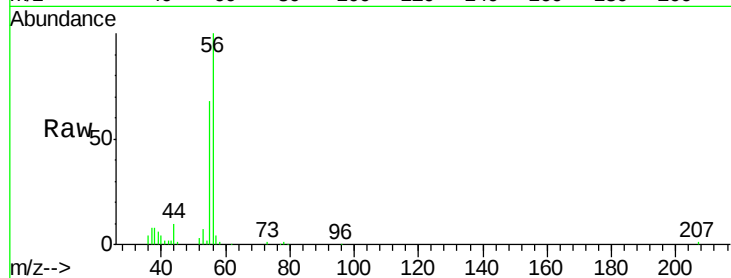
55 66.4 54.2 81.4

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#14

Allyl chloride

Concen: 17.730 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

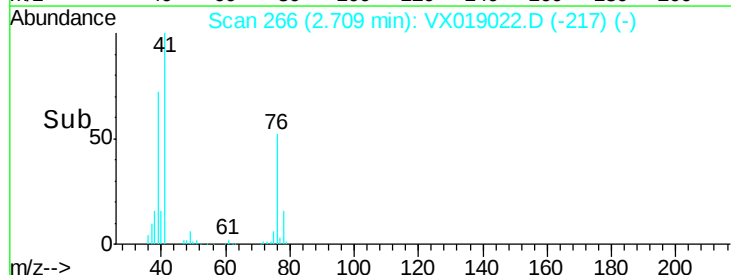
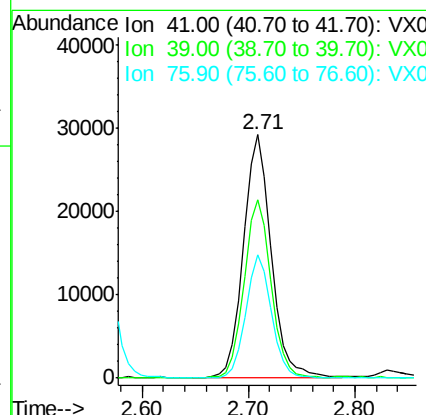
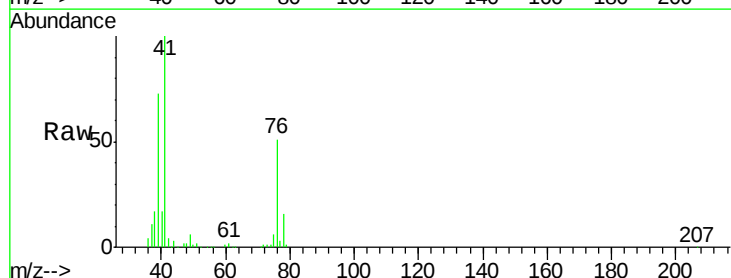
Tgt Ion: 41 Resp: 53362

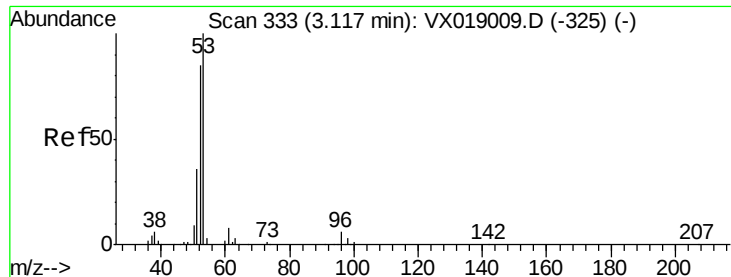
Ion Ratio Lower Upper

41 100

39 70.8 57.4 86.0

76 47.0 37.7 56.5





#15

Acrylonitrile

Concen: 91.047 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

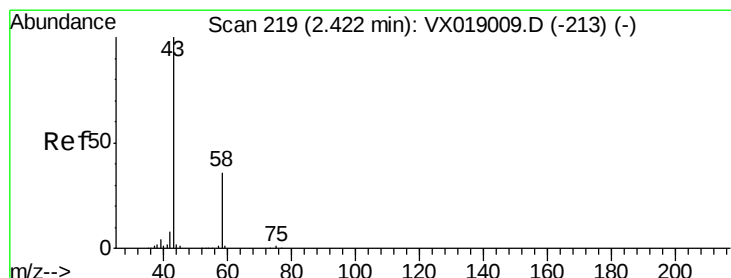
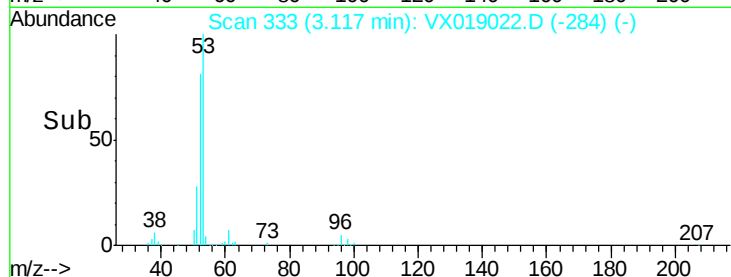
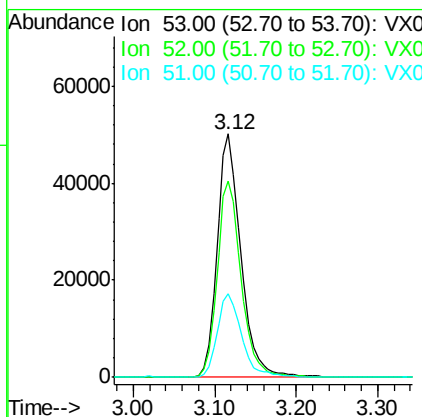
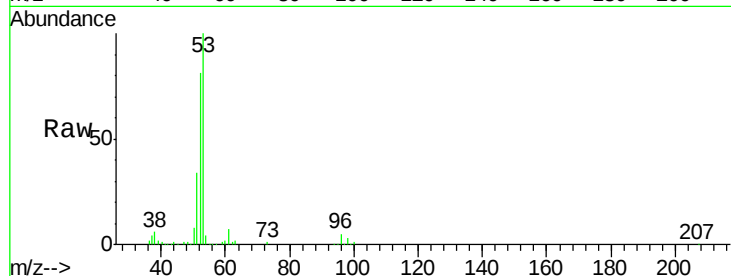
ClientSampleId :

VX1022WBS01

Tot Ion:	53	Resp:	102092
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.9	98.9
51	35.6	28.3	42.5

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#16

Acetone

Concen: 89.181 ug/l

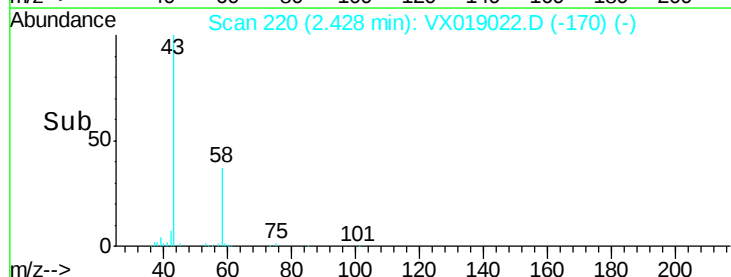
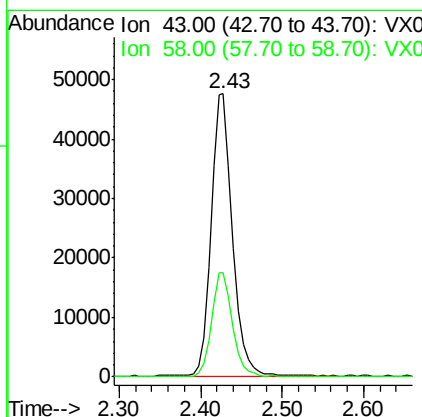
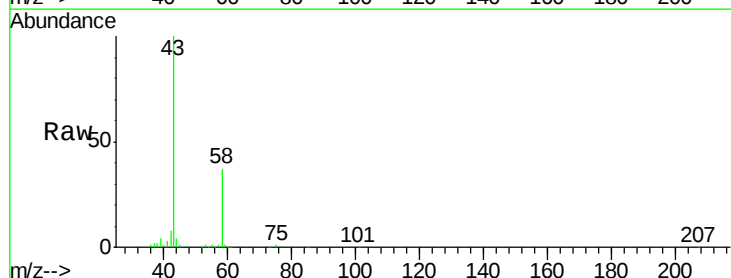
RT: 2.43 min Scan# 220

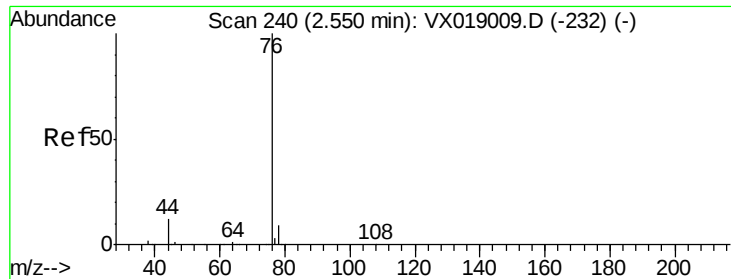
Delta R.T. 0.01 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Tgt Ion:	43	Resp:	86969
Ion Ratio	Lower	Upper	
43	100		
58	37.0	28.6	42.8





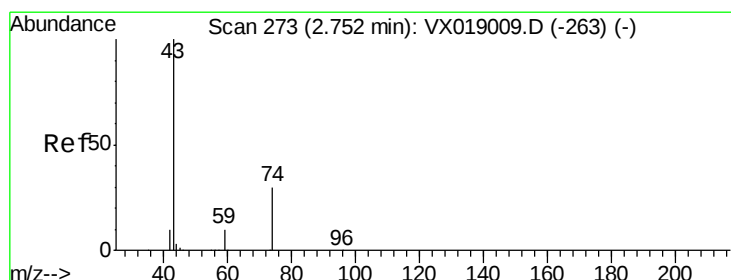
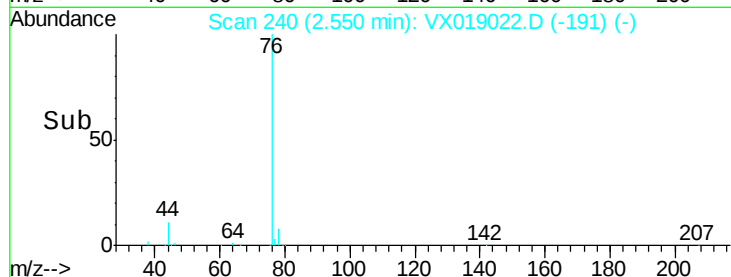
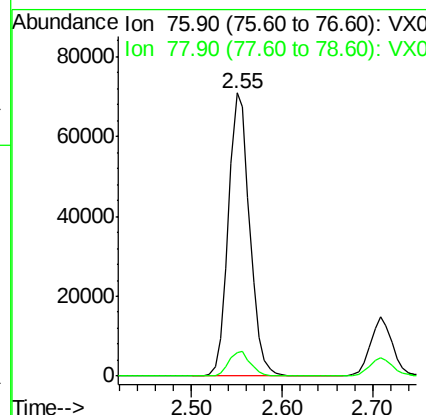
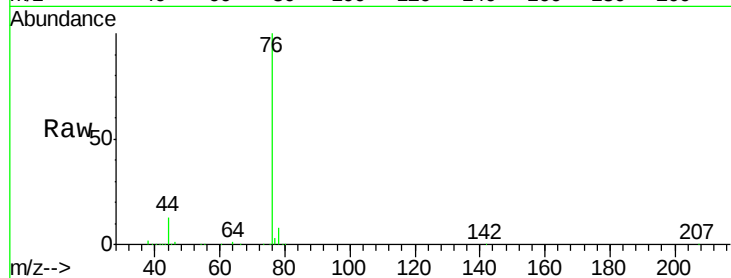
#17
Carbon Disulfide
Concen: 17.278 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.1	10.7

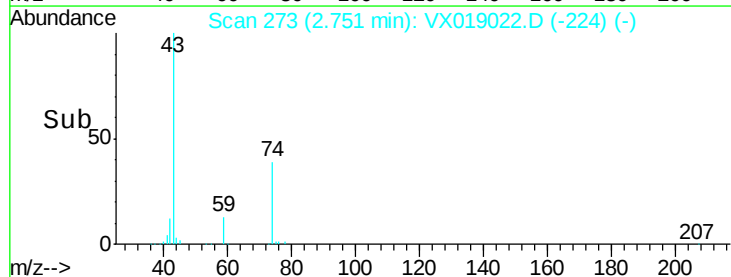
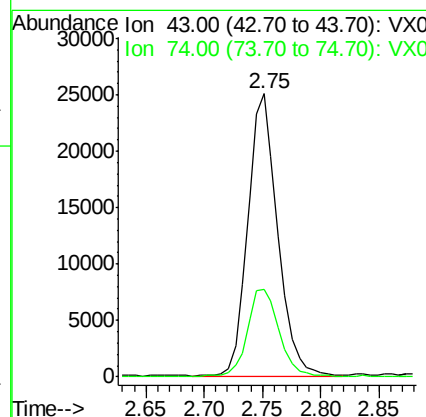
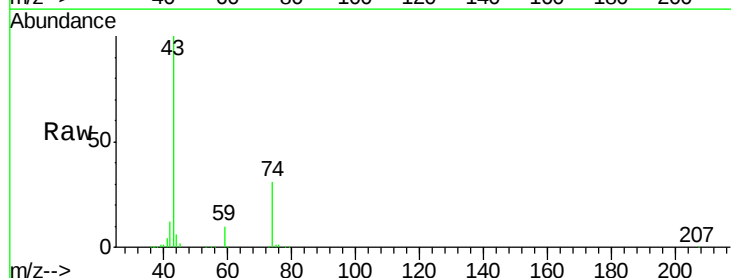
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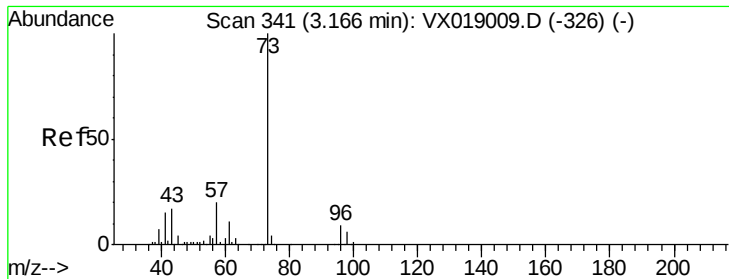
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#18
Methyl Acetate
Concen: 18.372 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	33.4	24.9	37.3





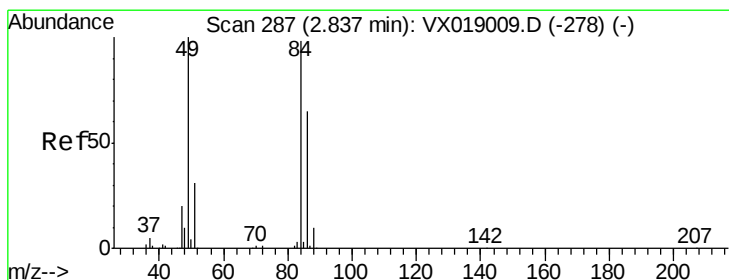
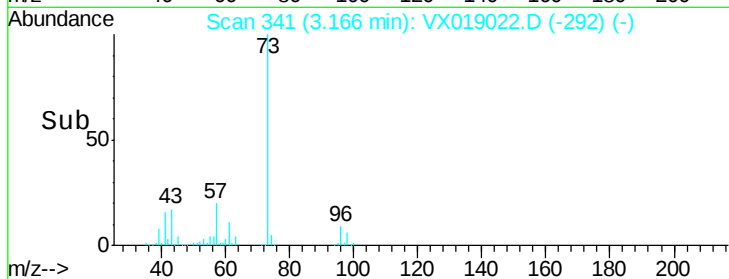
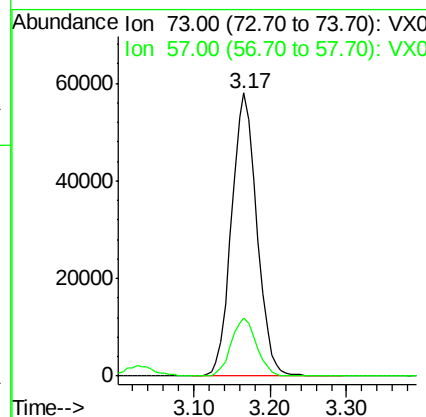
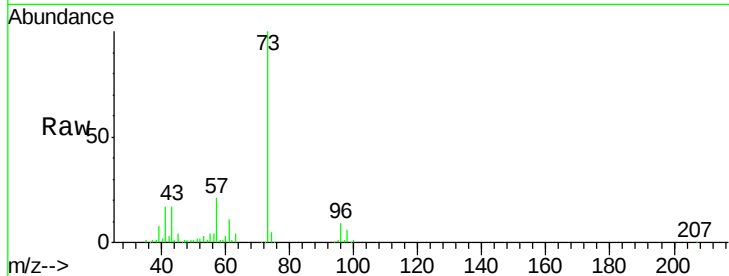
#19
Methvl tert-butvl Ether
Concen: 17.998 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion: 73 Resp: 132632
Ion Ratio Lower Upper
73 100
57 20.5 16.2 24.2

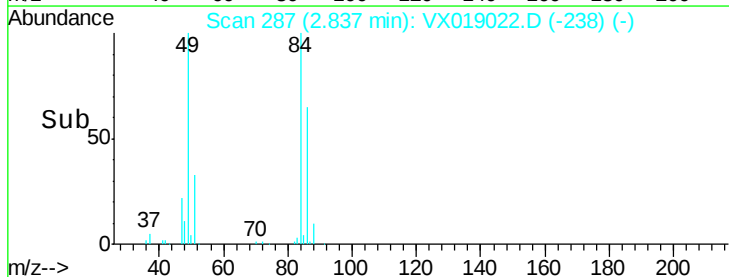
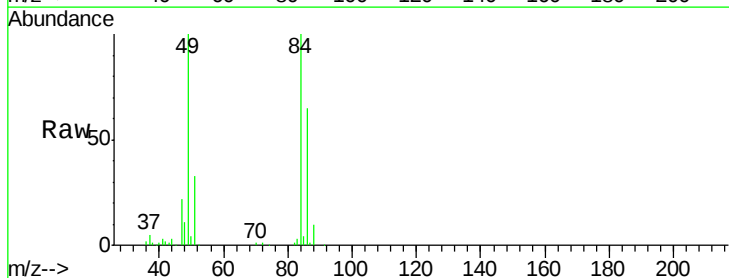
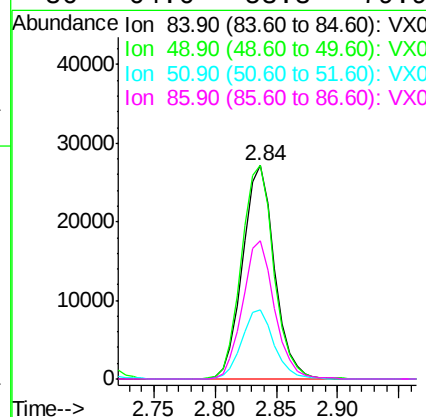
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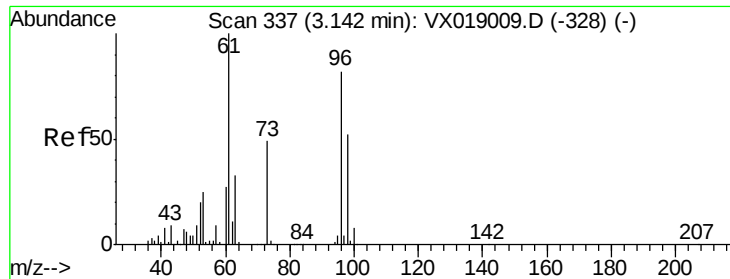
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#20
Methylene Chloride
Concen: 18.079 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion: 84 Resp: 49083
Ion Ratio Lower Upper
84 100
49 99.9 81.6 122.4
51 32.5 25.6 38.4
86 64.6 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 17.691 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

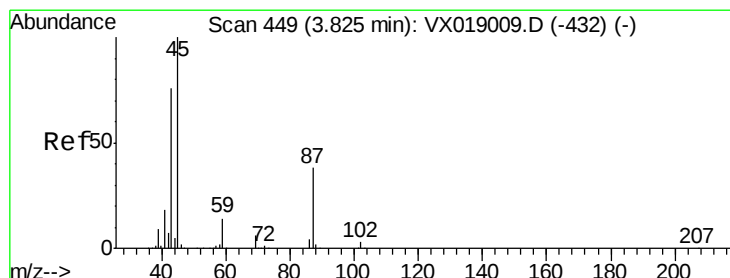
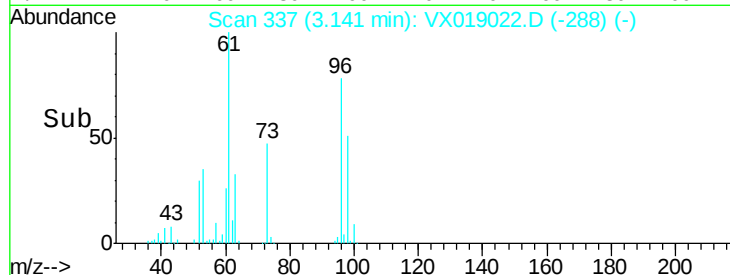
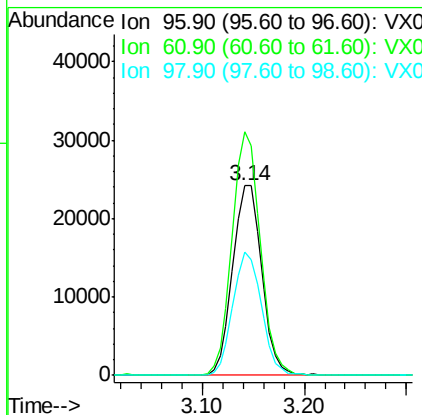
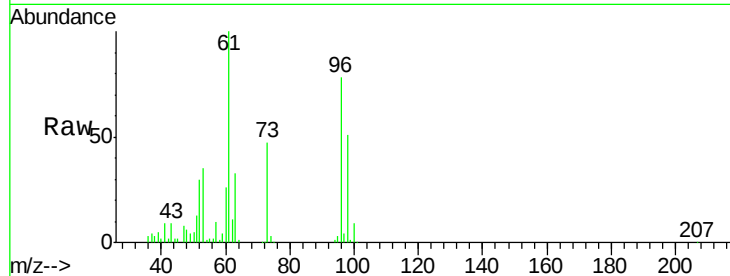
ClientSampleId :

VX1022WBS01

Tot Ion:	96	Resp:	48024
Ion	Ratio	Lower	Upper
96	100		
61	128.3	97.8	146.6
98	64.9	50.7	76.1

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#22

Diisopropyl ether

Concen: 18.212 ug/l

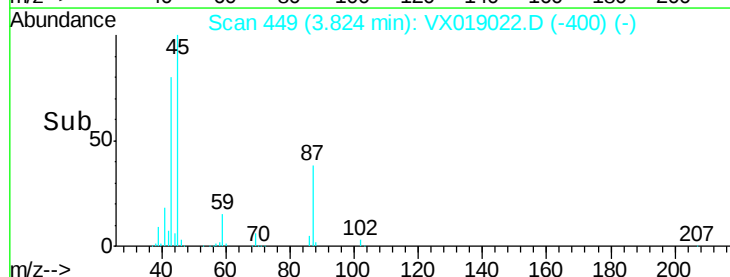
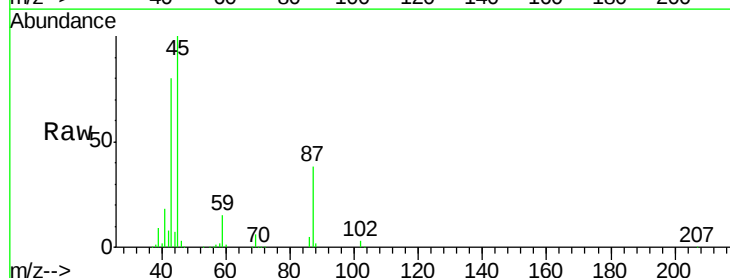
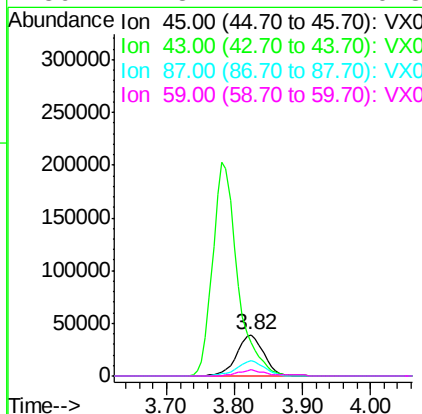
RT: 3.82 min Scan# 449

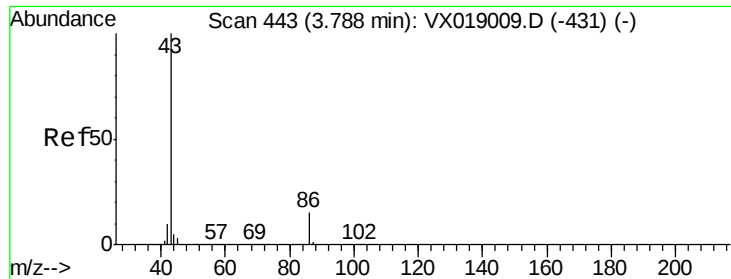
Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Tgt Ion:	45	Resp:	108080
Ion	Ratio	Lower	Upper
45	100		
43	79.3	60.4	90.6
87	38.0	30.4	45.6
59	14.8	11.2	16.8





#23

Vinyl Acetate

Concen: 91.316 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion: 43 Resp: 514589

Ion Ratio Lower Upper

43 100

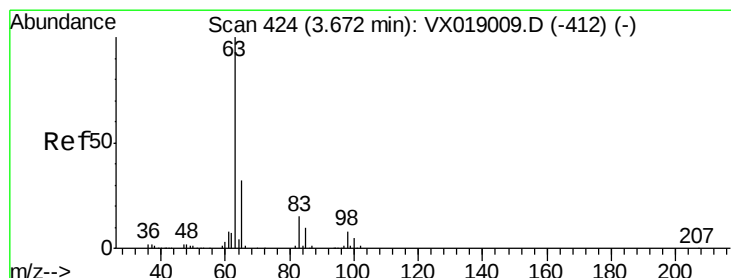
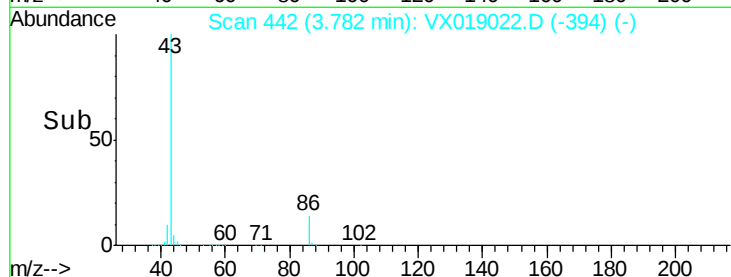
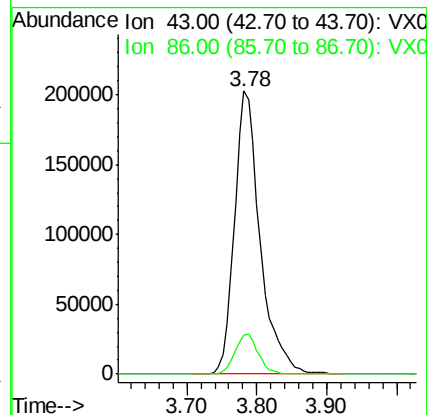
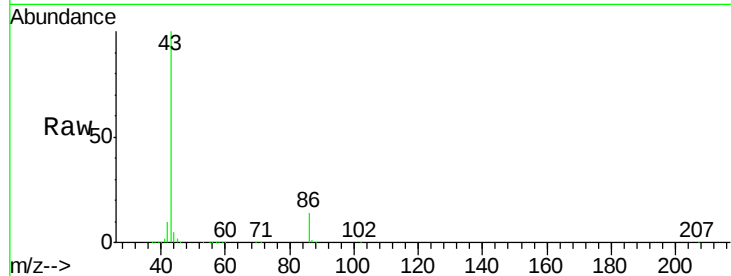
86 13.9 11.7 17.5

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#24

1,1-Dichloroethane

Concen: 18.083 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

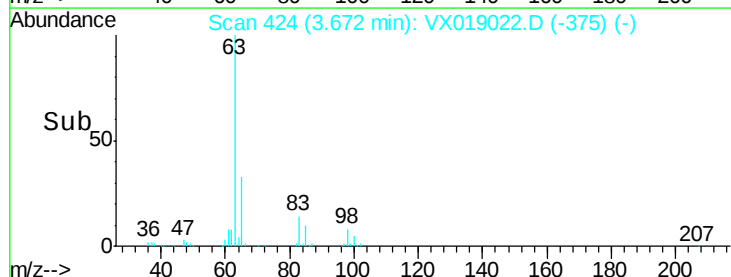
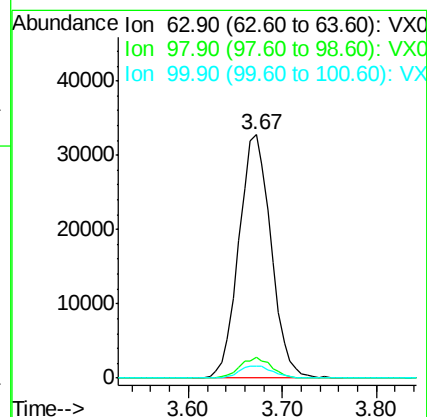
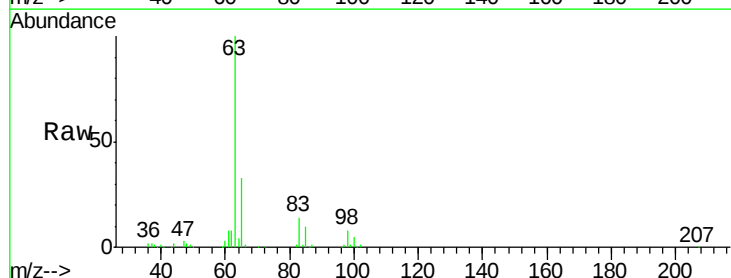
Tgt Ion: 63 Resp: 78156

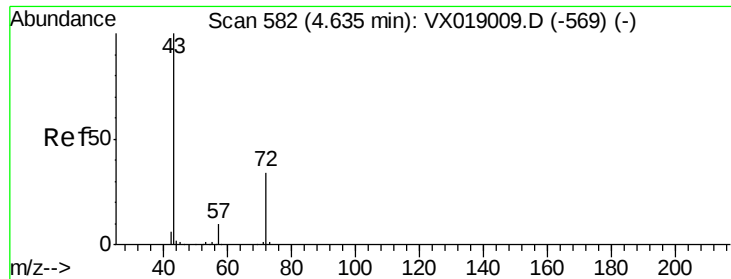
Ion Ratio Lower Upper

63 100

98 8.5 4.0 12.0

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 91.720 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampled :

VX1022WBS01

Tot Ion: 43 Resp: 141331

Ion Ratio Lower Upper

43 100

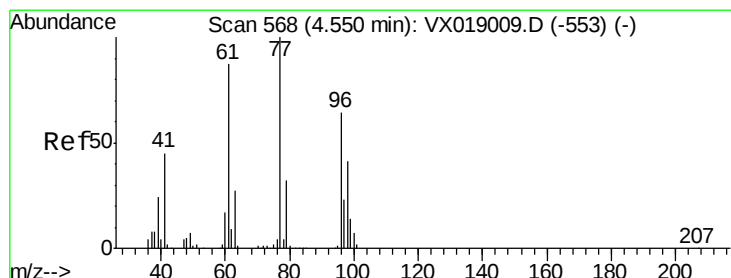
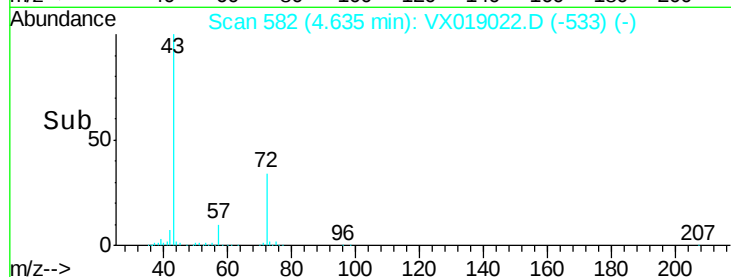
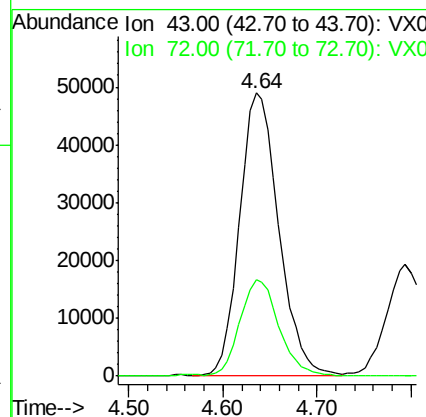
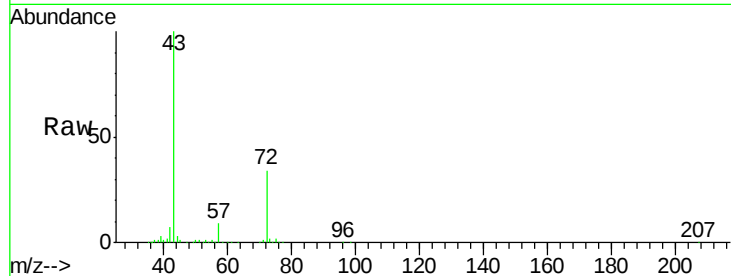
72 33.9 27.8 41.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.847 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019022.D

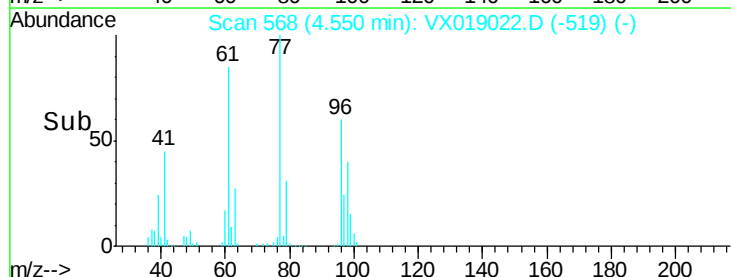
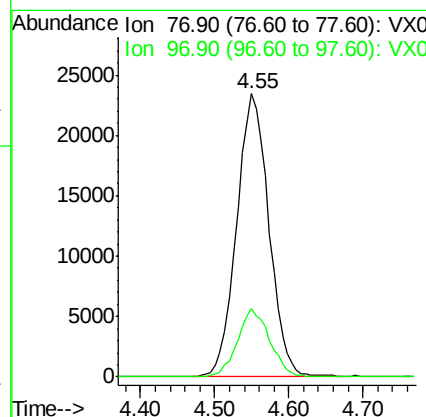
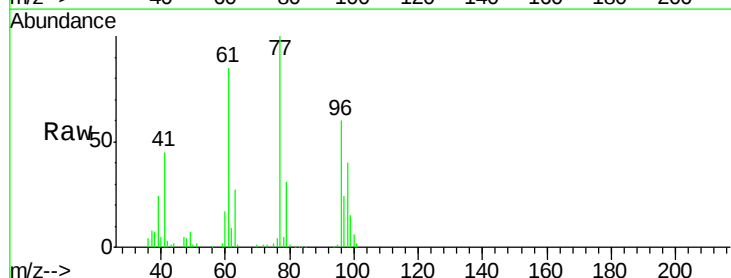
Acq: 22 Oct 2020 13:23

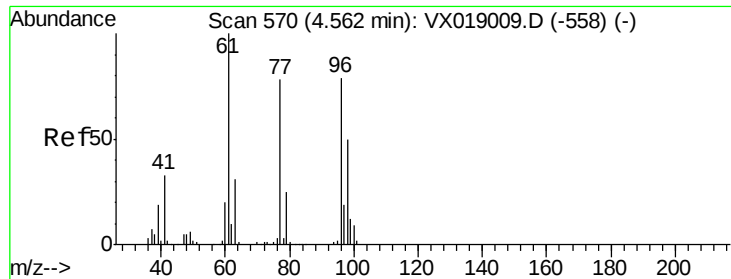
Tgt Ion: 77 Resp: 71219

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7





#27

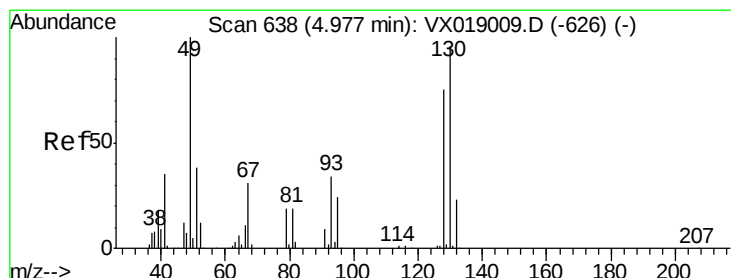
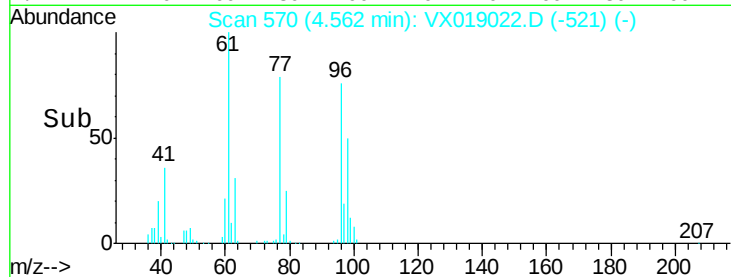
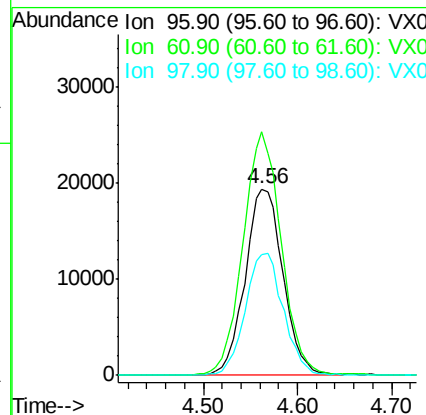
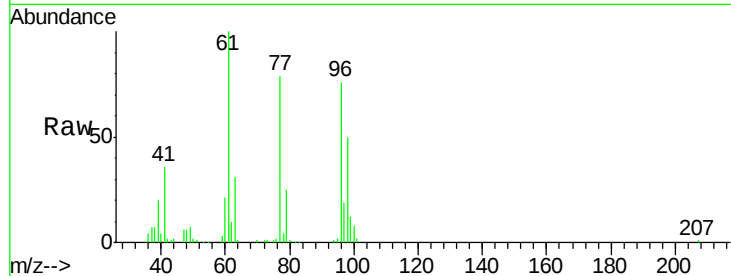
cis-1,2-Dichloroethene
Concen: 17.746 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	132.0	0.0	260.0	
98	65.7	0.0	131.4	

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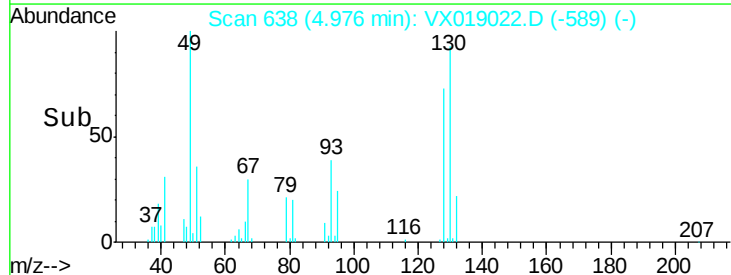
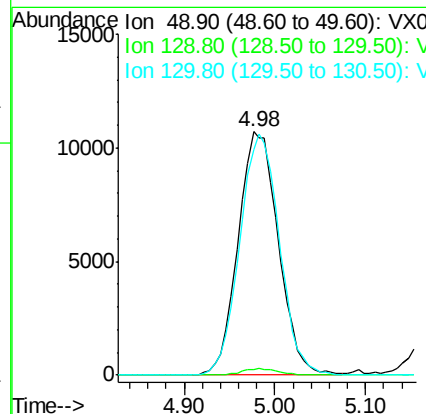
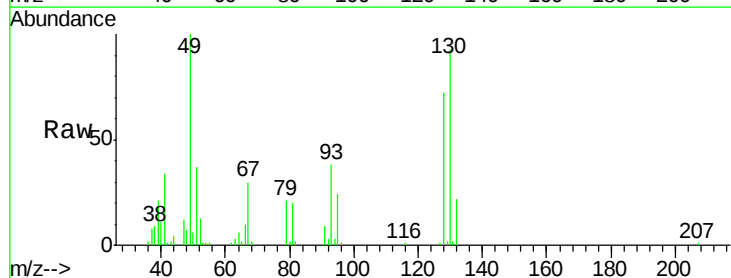
MMDadoda
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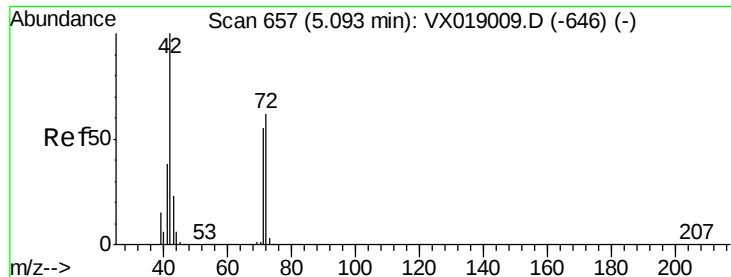


#28

Bromochloromethane
Concen: 17.977 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	5.2	
130	97.4	79.0	118.6	





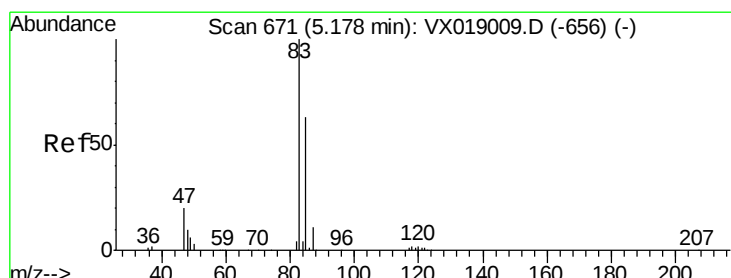
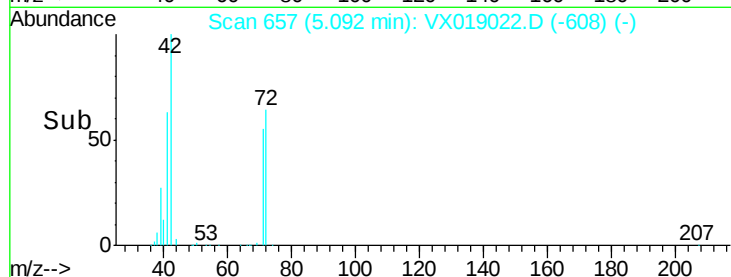
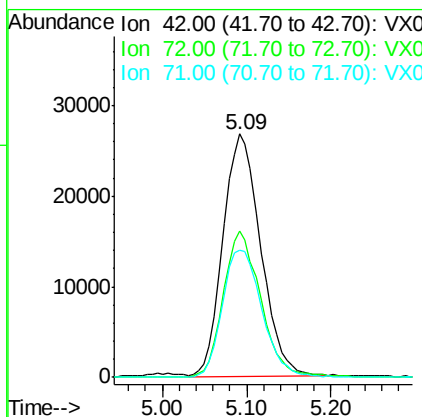
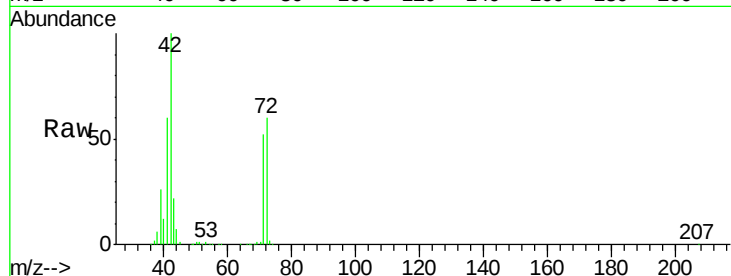
#29
Tetrahydrofuran
Concen: 88.726 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.3	49.1	73.7
71	55.0	44.2	66.4

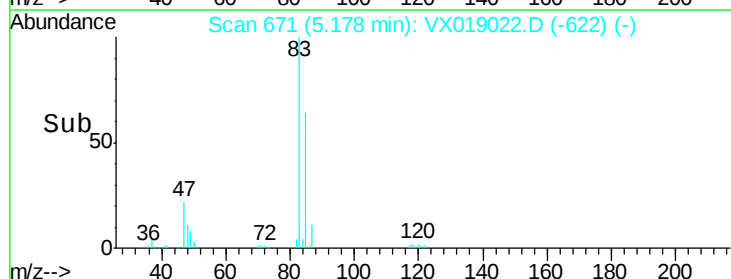
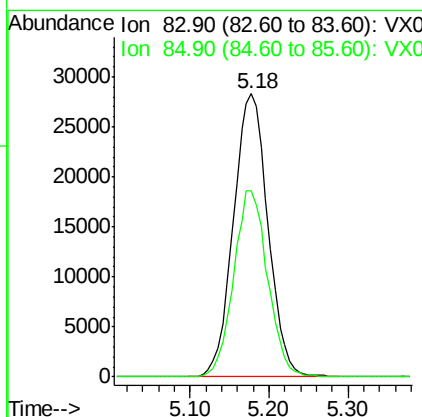
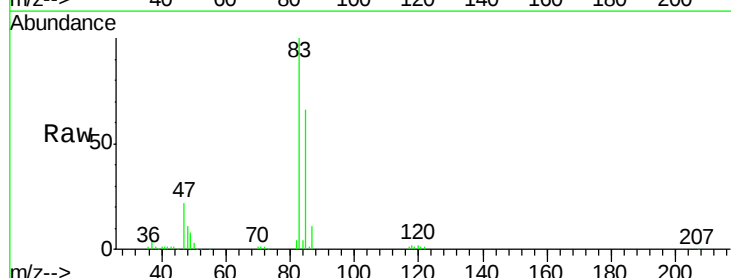
Manual Integrations
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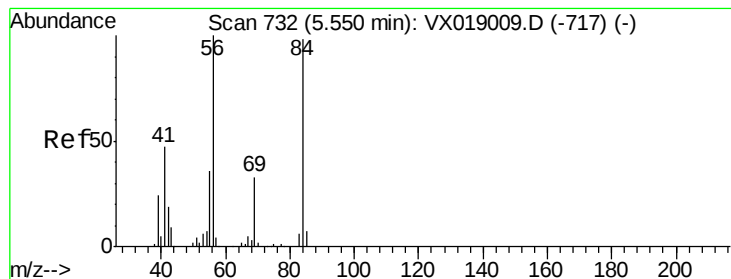
MMDadoda
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#30
Chloroform
Concen: 18.361 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.5	75.7





#31

Cvclohexane

Concen: 18.068 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

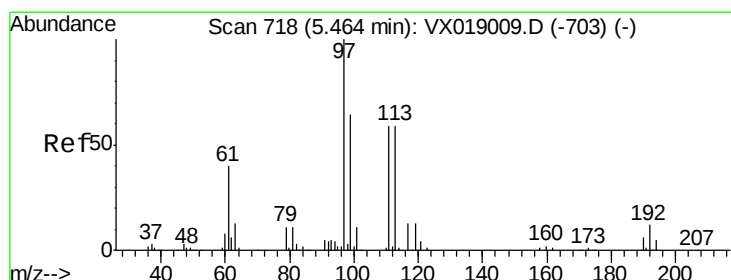
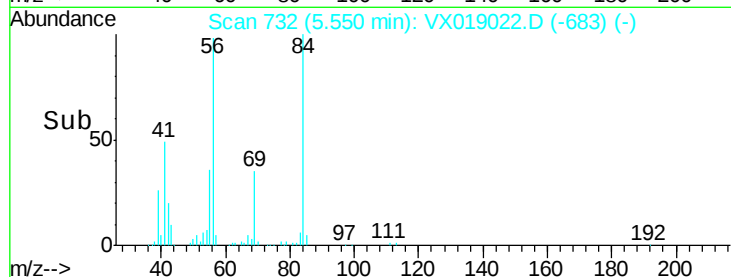
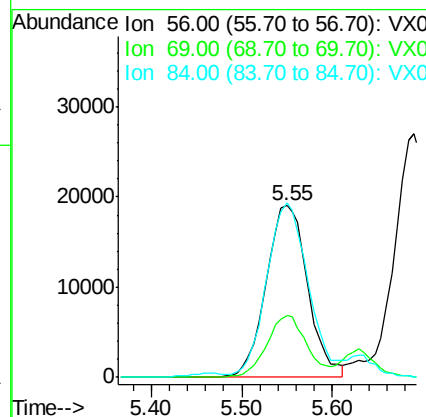
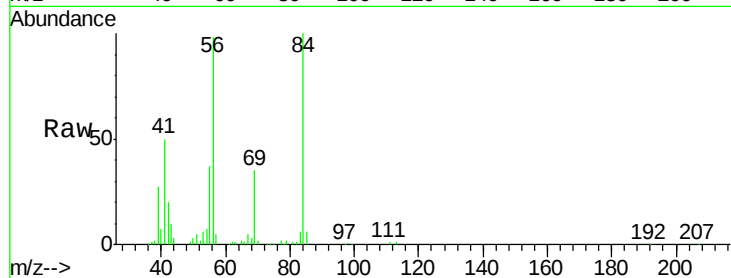
ClientSampleId :

VX1022WBS01

Tot Ion:	56	Resp:	60579
Ion	Ratio	Lower	Upper
56	100		
69	35.9	26.2	39.2
84	100.2	78.3	117.5

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#32

1,1,1-Trichloroethane

Concen: 18.134 ug/l

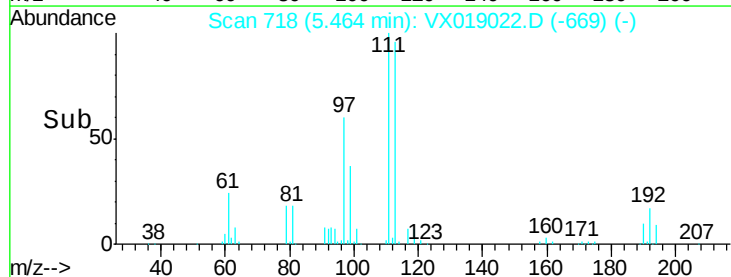
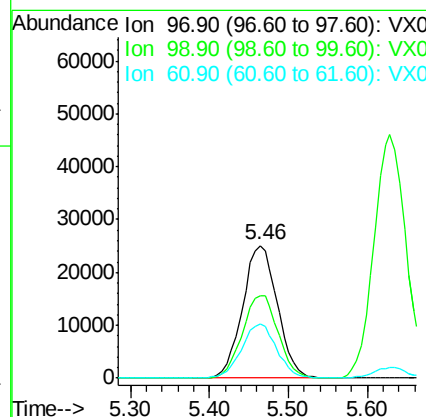
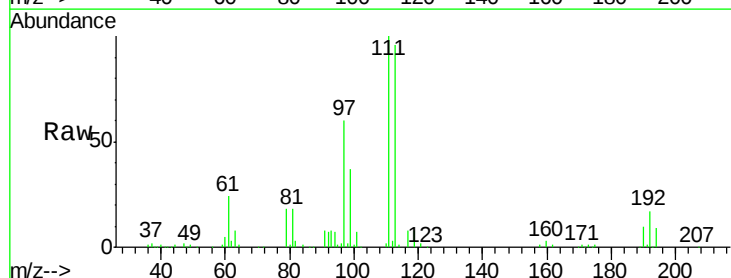
RT: 5.46 min Scan# 718

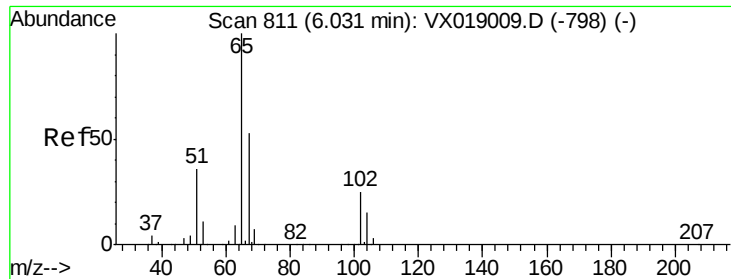
Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Tgt Ion:	97	Resp:	77172
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	40.9	31.9	47.9





#33

1,2-Dichloroethane-d4

Concen: 47.339 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion: 65 Resp: 135535

Ion Ratio Lower Upper

65 100

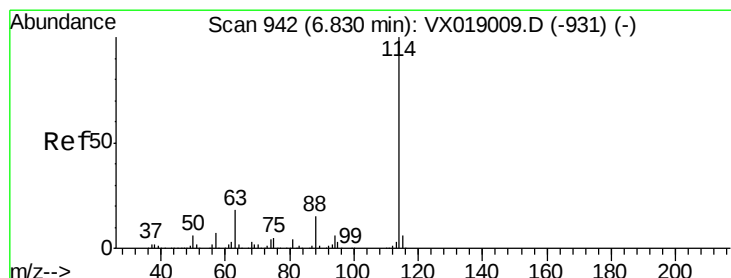
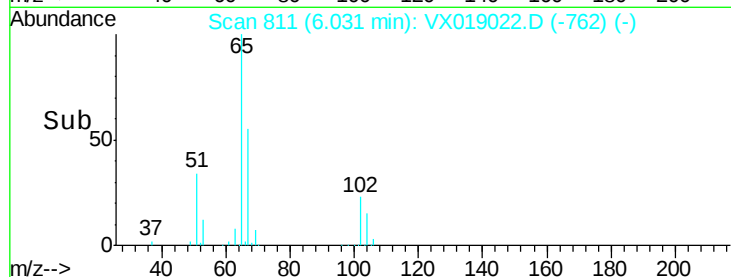
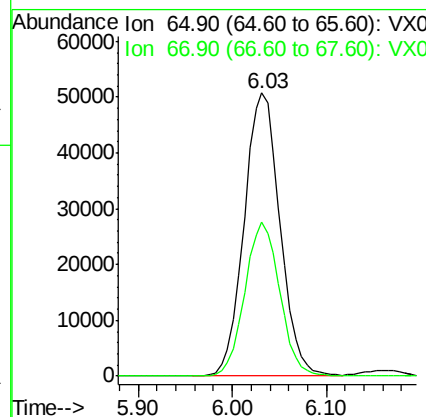
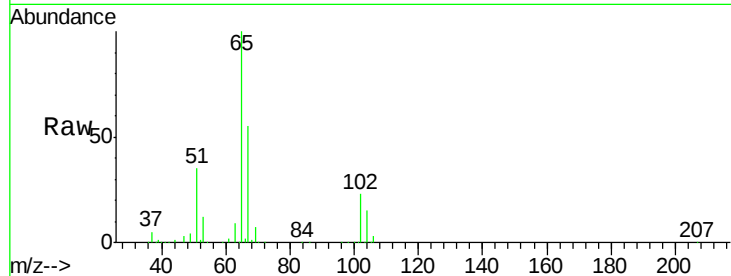
67 52.9 0.0 107.0

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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: VX019022.D

Acq: 22 Oct 2020 13:23

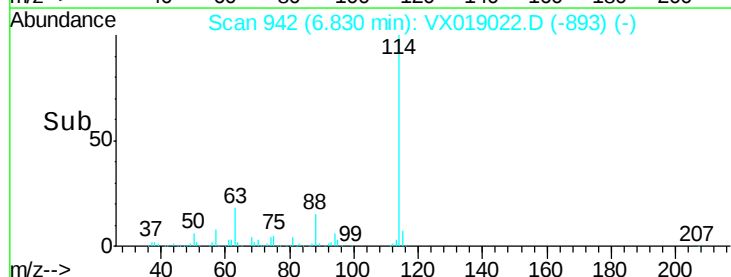
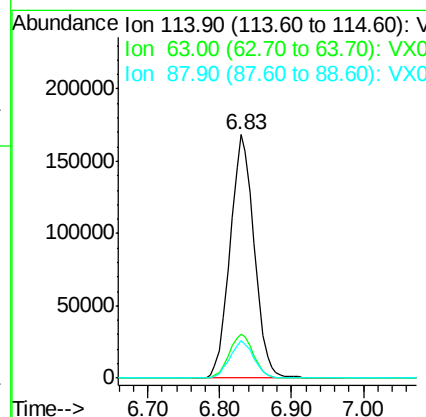
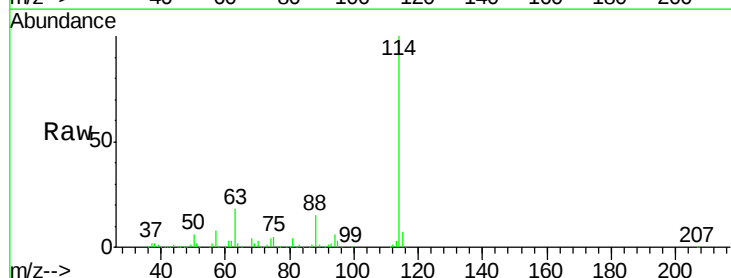
Tgt Ion: 114 Resp: 391985

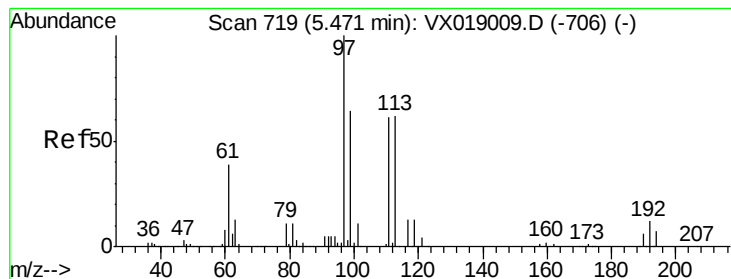
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.336 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

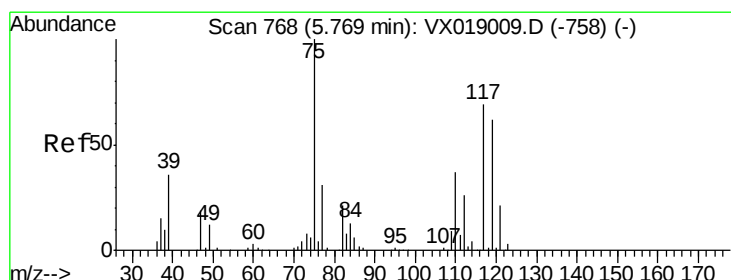
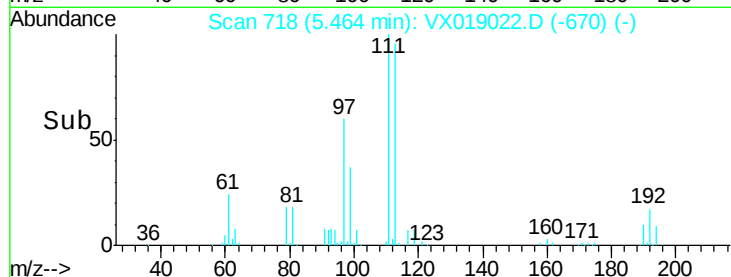
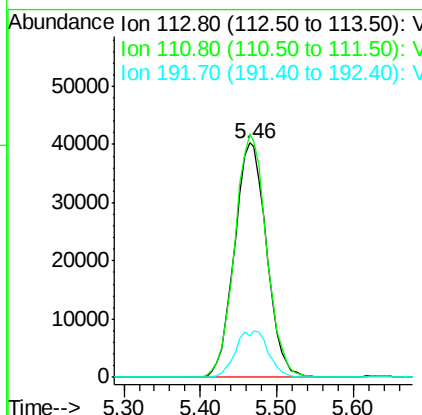
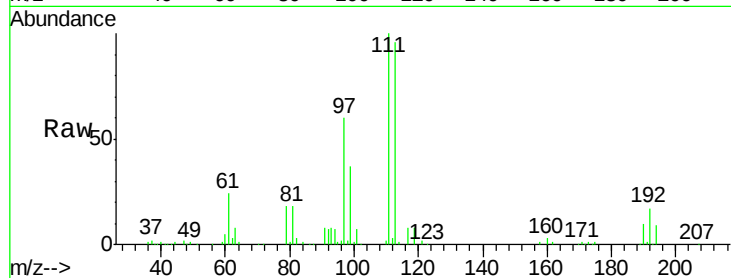
ClientSampleId :

VX1022WBS01

Tot Ion:	113	Resp:	117477
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.5	122.3
192	20.4	16.3	24.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.297 ug/l

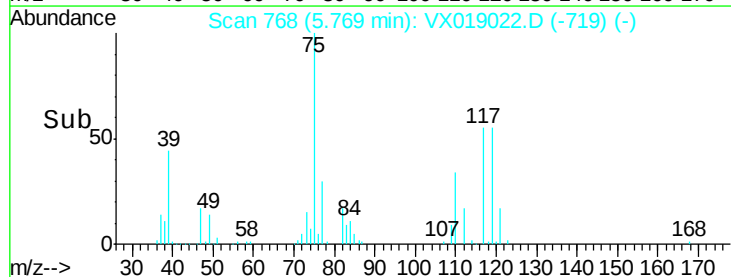
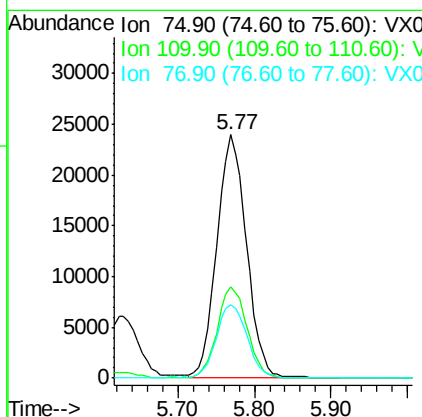
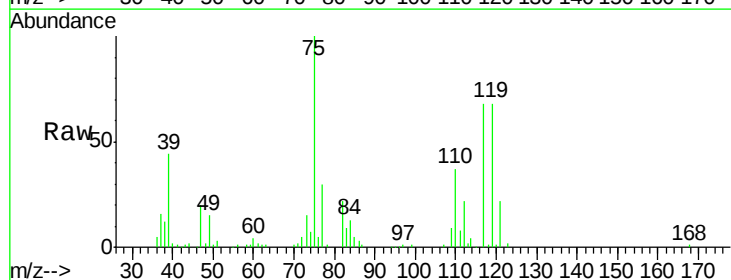
RT: 5.77 min Scan# 768

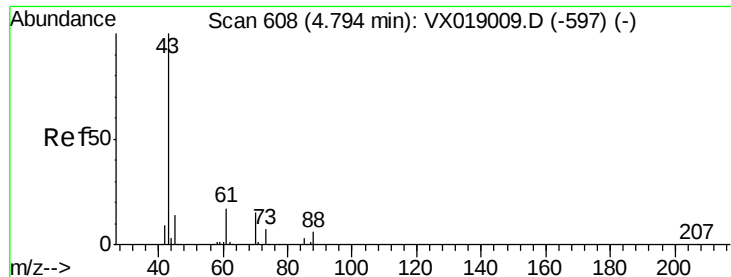
Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Tgt Ion:	75	Resp:	64354
Ion Ratio	Lower	Upper	
75	100		
110	37.8	19.4	58.2
77	31.4	25.2	37.8





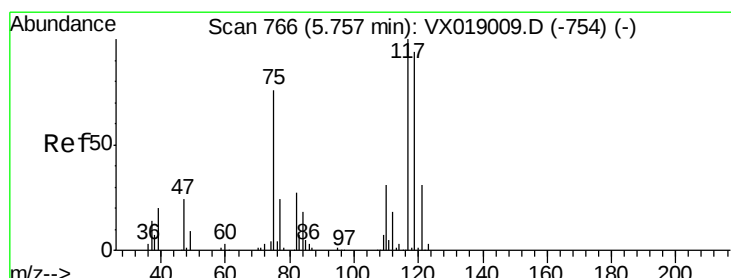
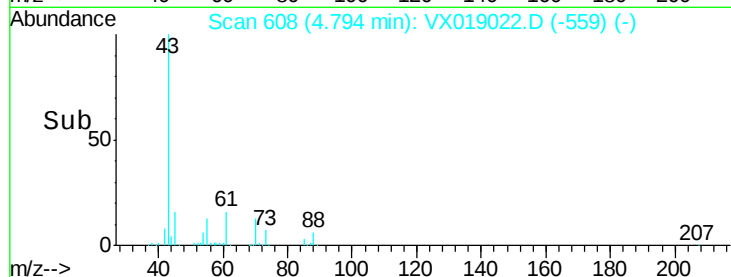
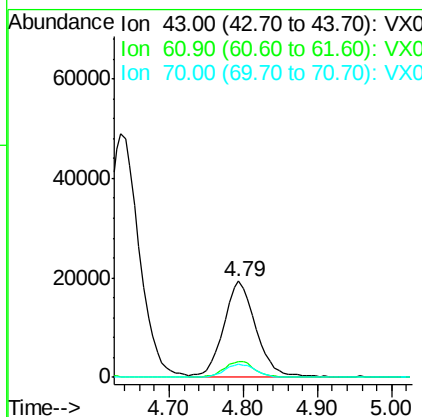
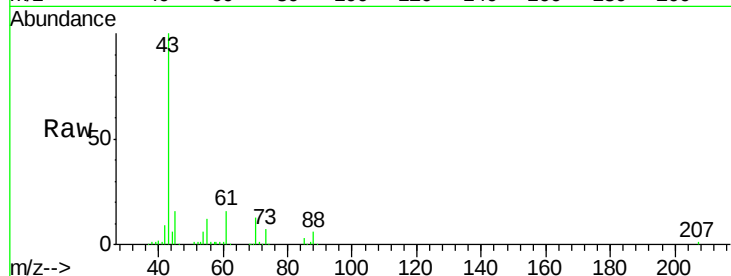
#37
Ethyl Acetate
Concen: 19.051 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	13.8	20.8
70	13.8	11.4	17.2

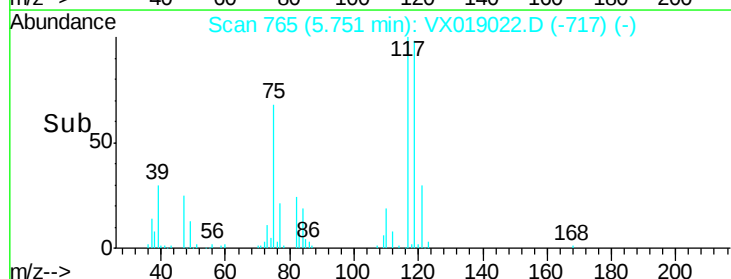
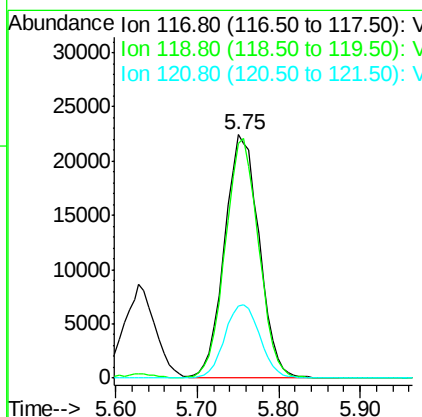
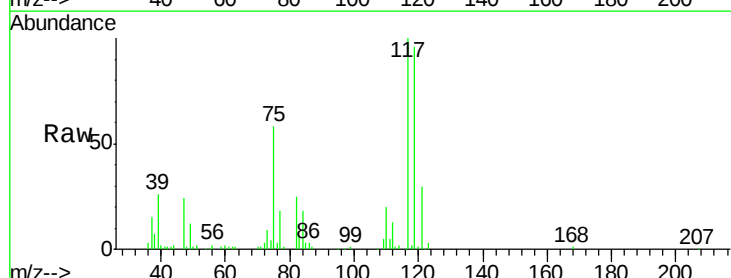
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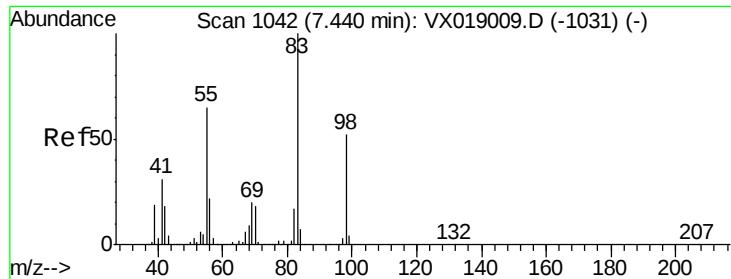
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#38
Carbon Tetrachloride
Concen: 17.828 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.0
121	29.7	25.0	37.6





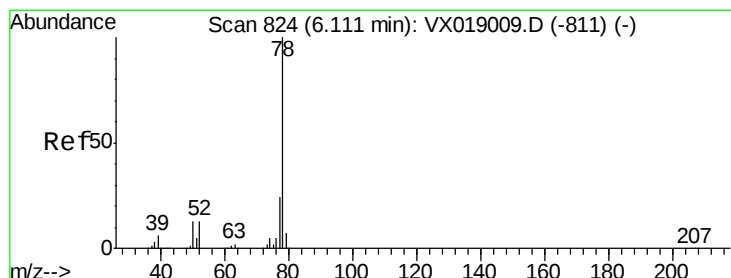
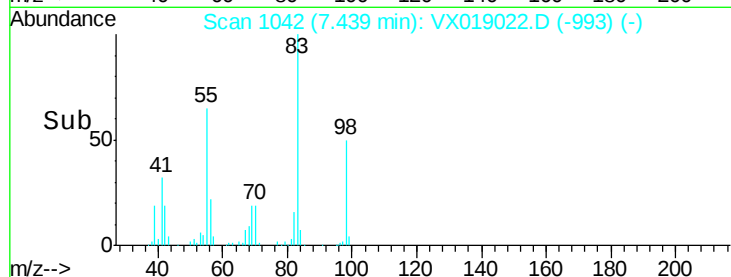
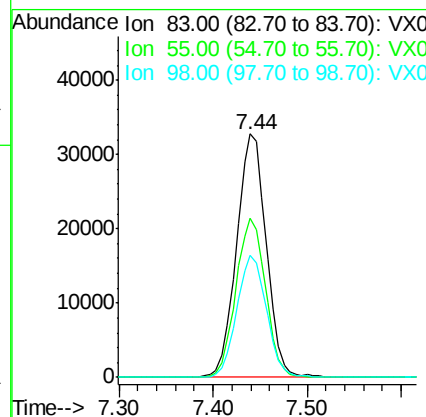
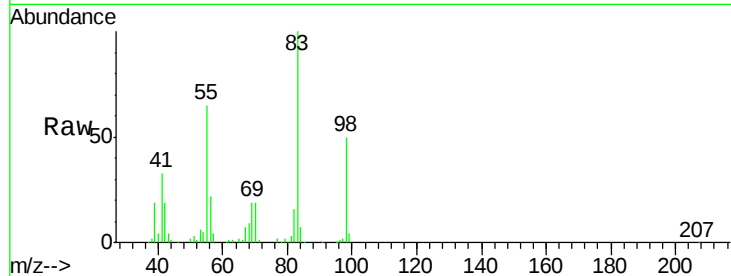
#39
Methvlcvclohexane
Concen: 18.228 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.0	51.8	77.6
98	50.3	41.4	62.2

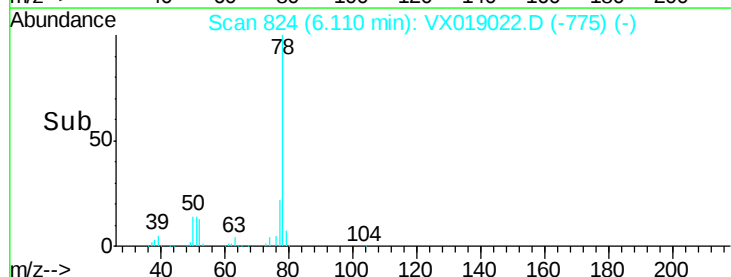
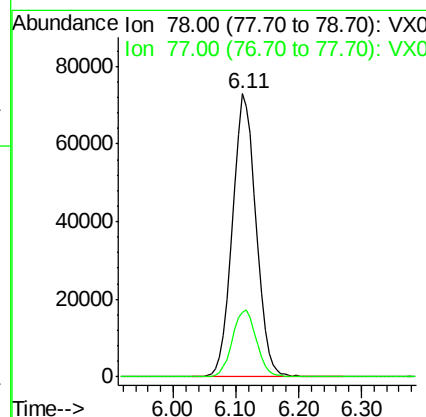
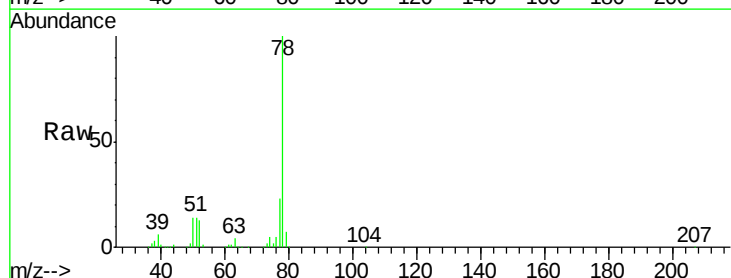
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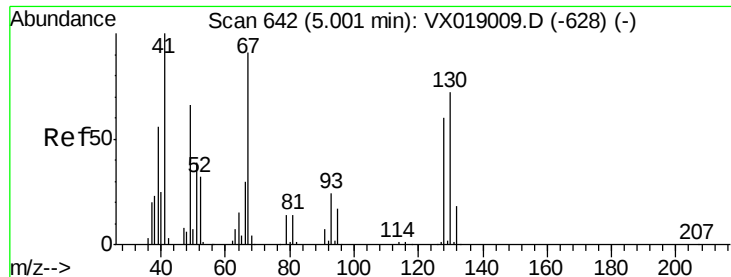
MMDadoda
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#40
Benzene
Concen: 18.328 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.3	28.9





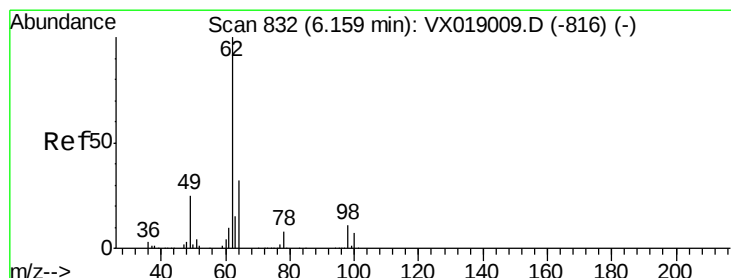
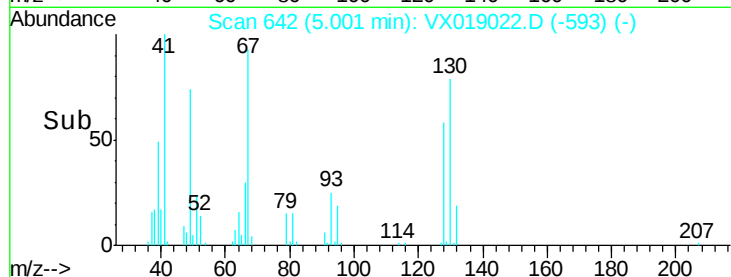
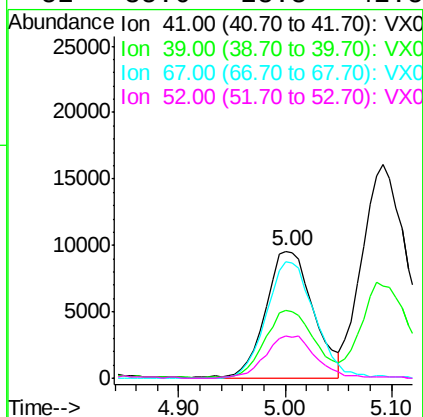
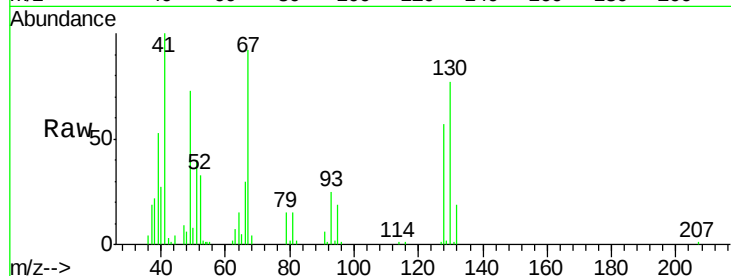
#41
Methacrylonitrile
Concen: 18.293 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	44.6	67.0	
67	94.6	76.1	114.1	
52	35.6	28.3	42.5	

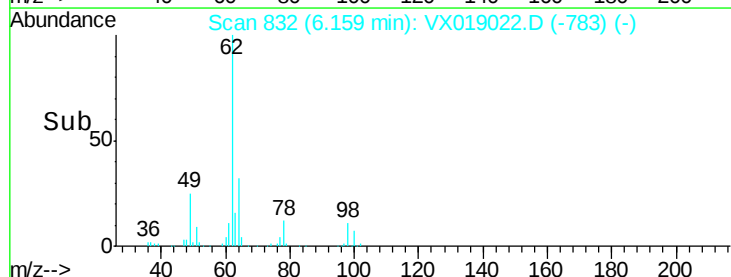
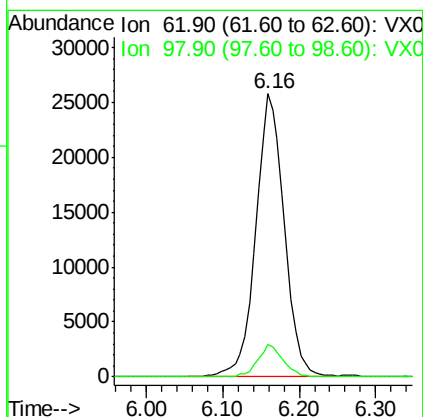
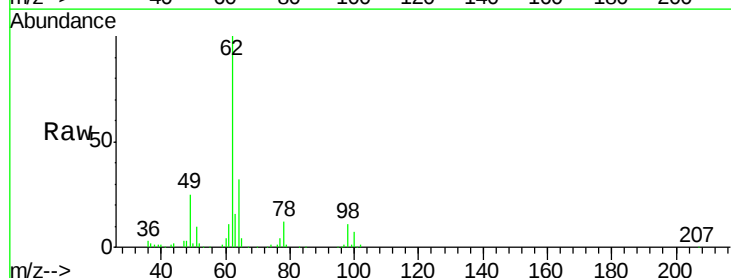
Manual Integrations
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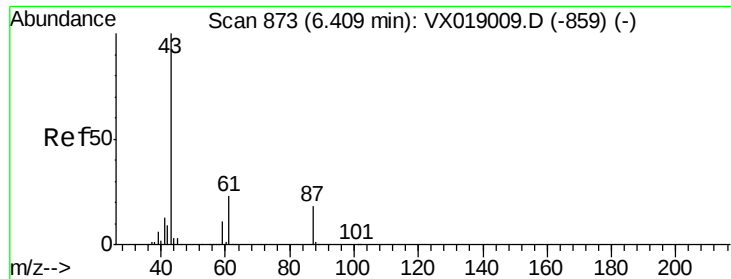
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#42
1,2-Dichloroethane
Concen: 18.928 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.8	





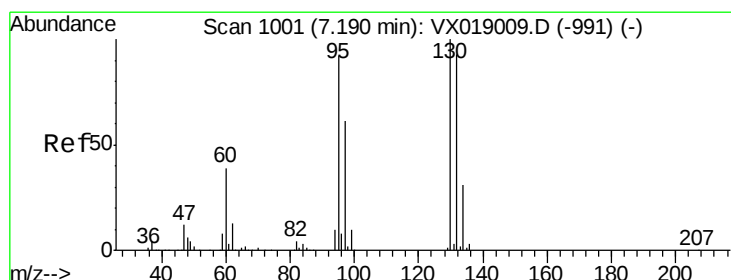
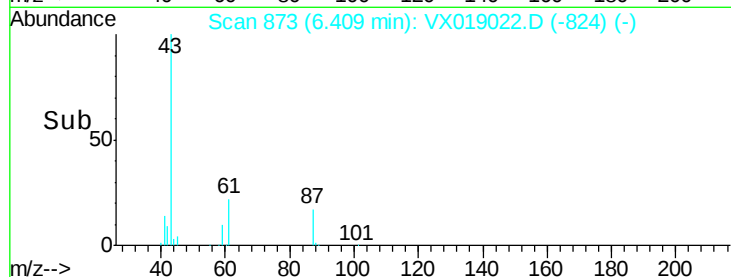
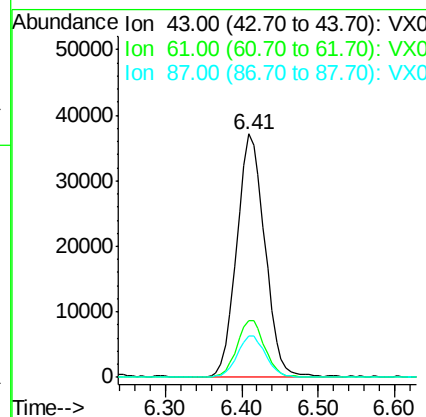
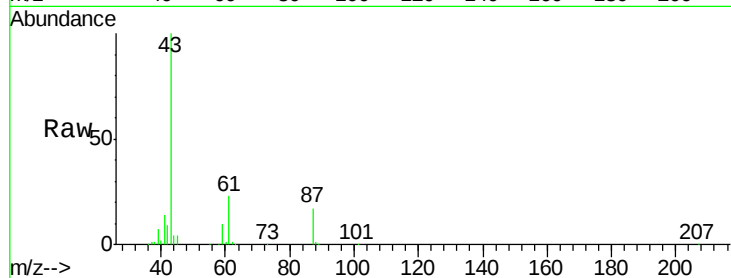
#43
Isopropyl Acetate
Concen: 18.482 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.3	18.7	28.1
87	17.3	14.2	21.4

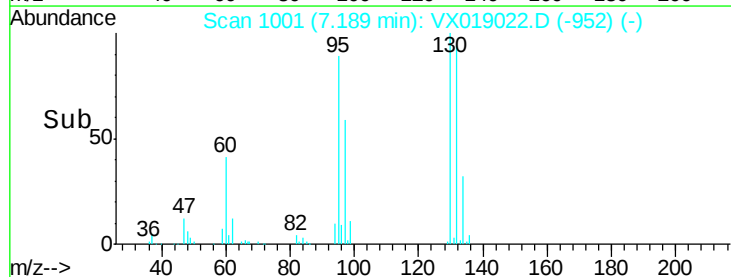
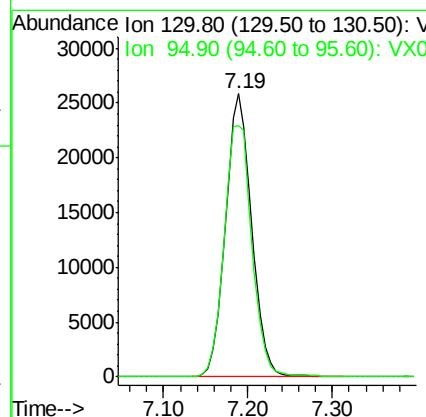
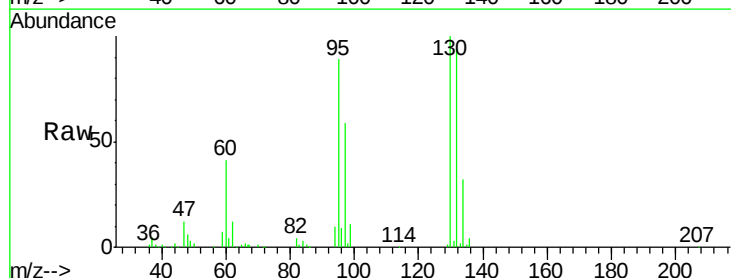
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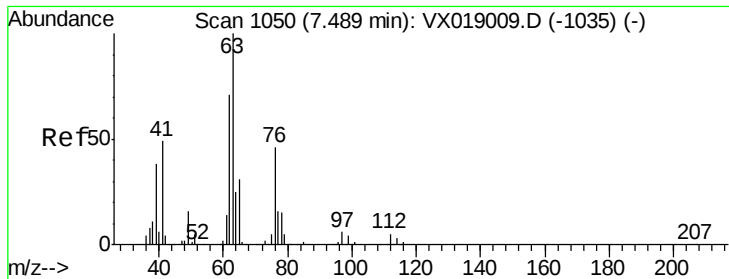
MMDadoda
10/23/2020 11:45:02 AM



#44
Trichloroethene
Concen: 18.201 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	184.2





#45

1,2-Dichloropropane

Concen: 18.276 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion: 63 Resp: 45411

Ion Ratio Lower Upper

63 100

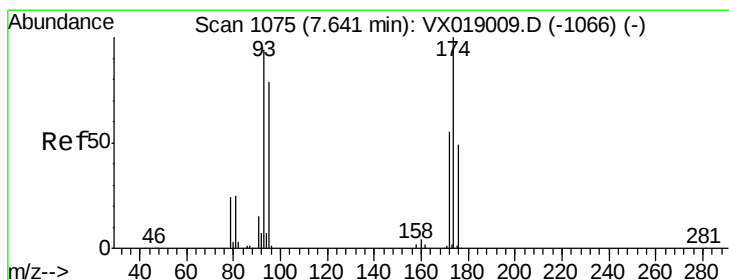
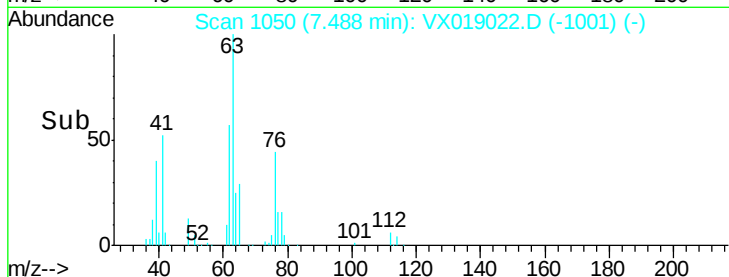
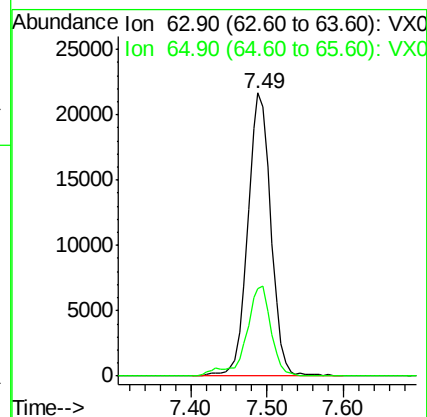
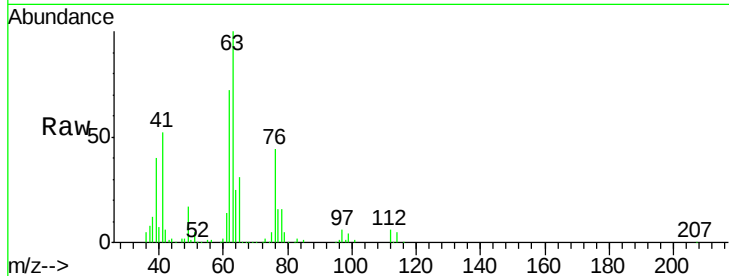
65 31.1 24.9 37.3

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#46

Dibromomethane

Concen: 18.023 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

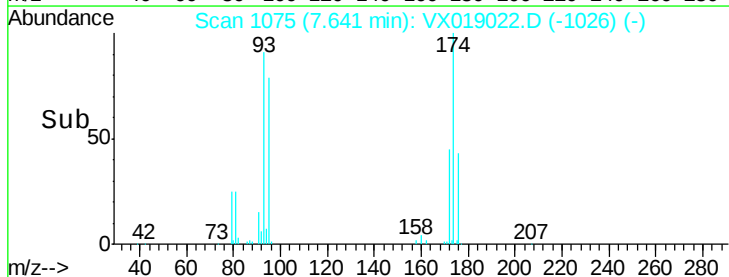
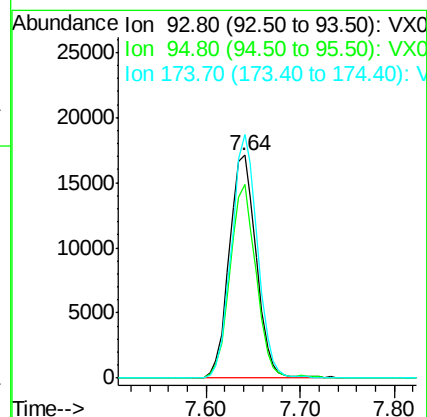
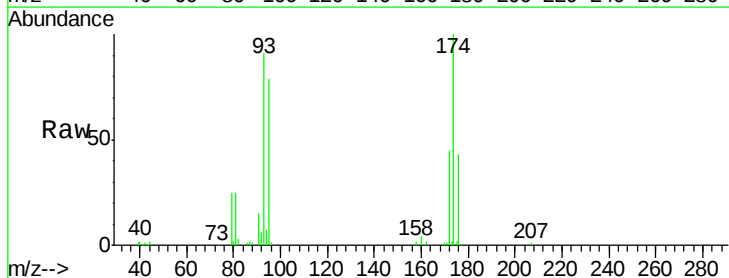
Tgt Ion: 93 Resp: 34108

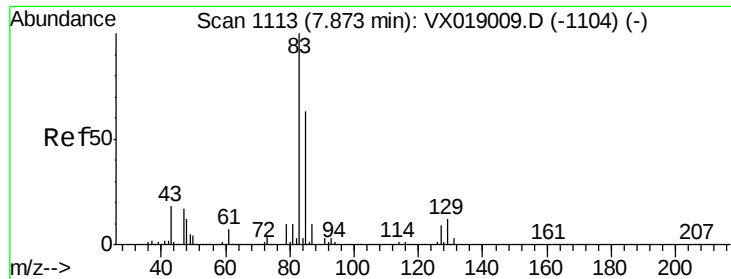
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 104.8 83.8 125.8





#47

Bromodichloromethane

Concen: 18.180 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

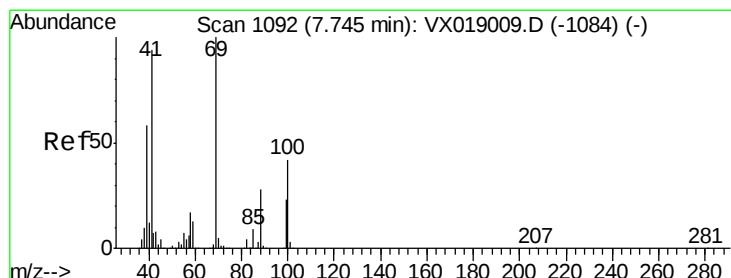
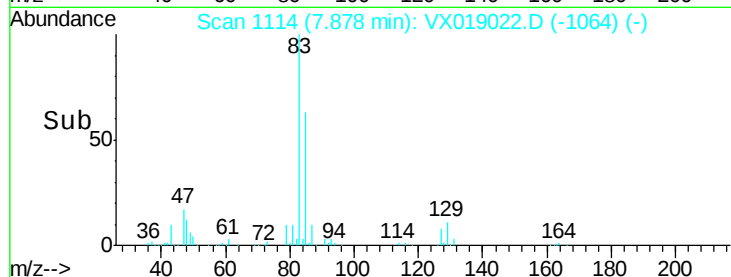
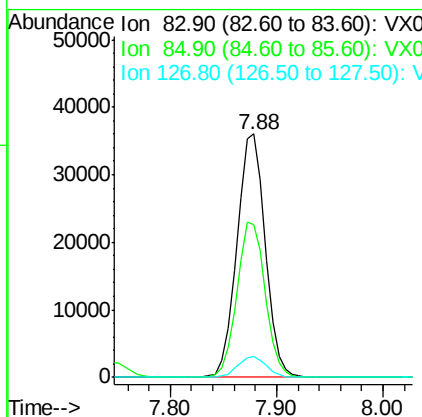
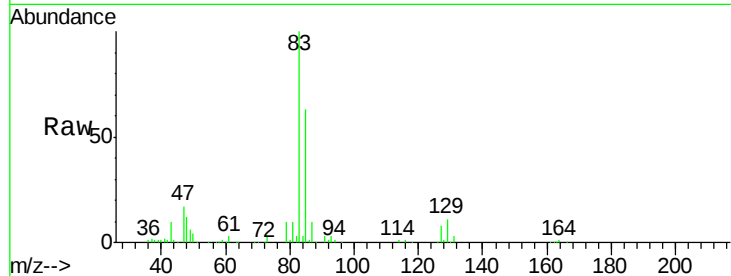
ClientSampleId :

VX1022WBS01

Tot Ion:	83	Resp:	67458
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.7	76.1
127	8.4	6.8	10.2

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#48

Methyl methacrylate

Concen: 17.621 ug/l

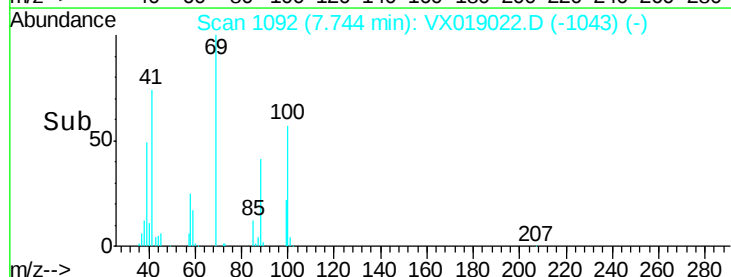
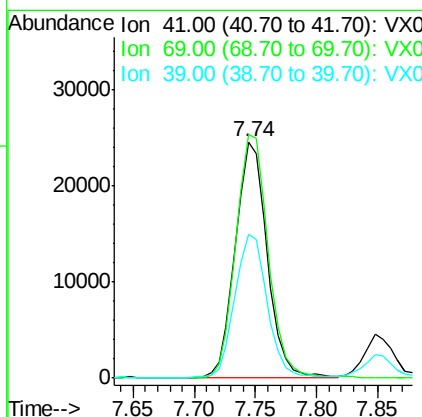
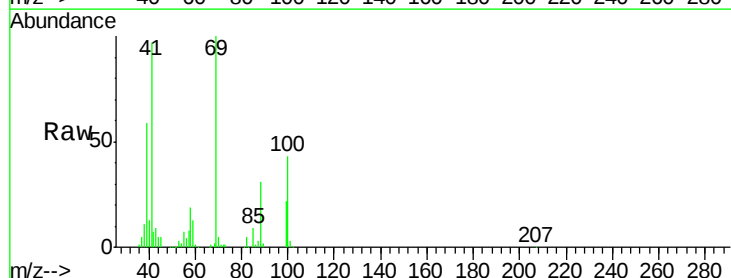
RT: 7.74 min Scan# 1092

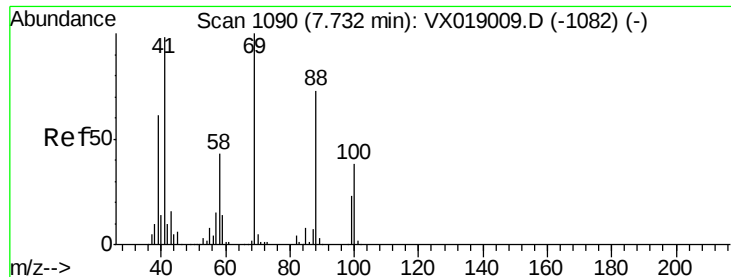
Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Tgt Ion:	41	Resp:	44143
Ion	Ratio	Lower	Upper
41	100		
69	105.9	85.5	128.3
39	61.4	49.3	73.9





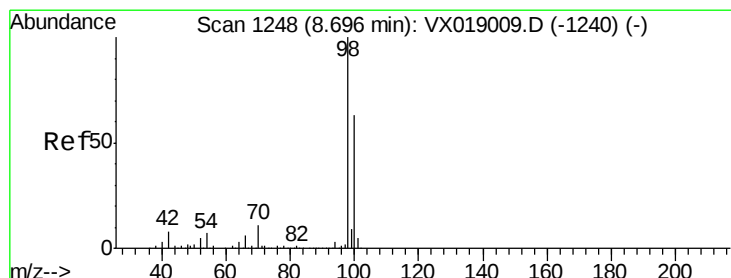
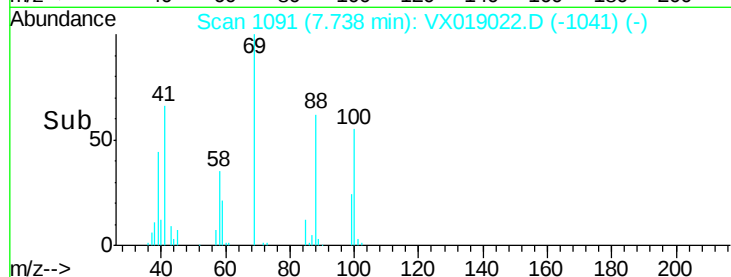
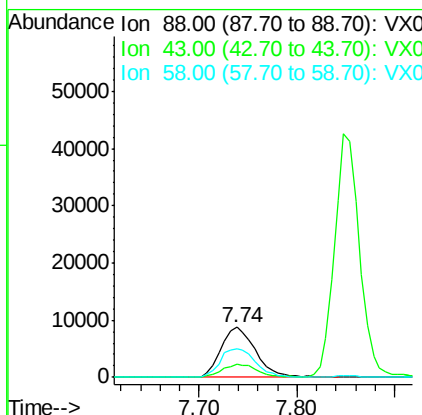
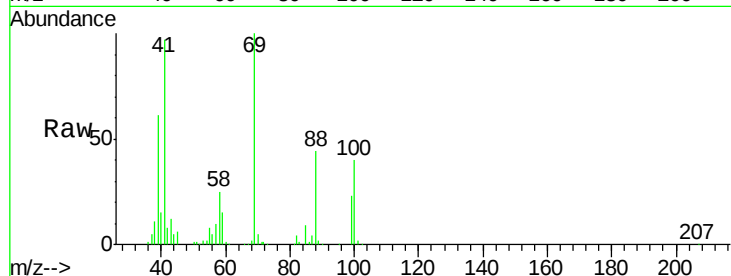
#49
1,4-Dioxane
Concen: 376.803 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.3	20.3	30.5
58	59.3	48.4	72.6

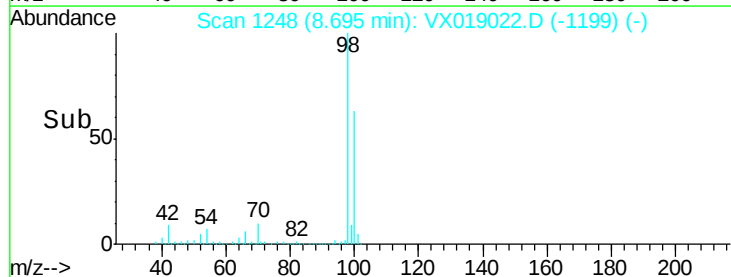
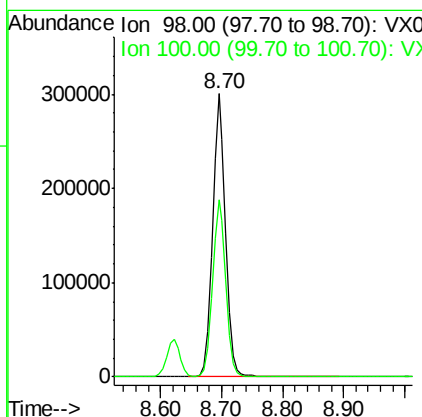
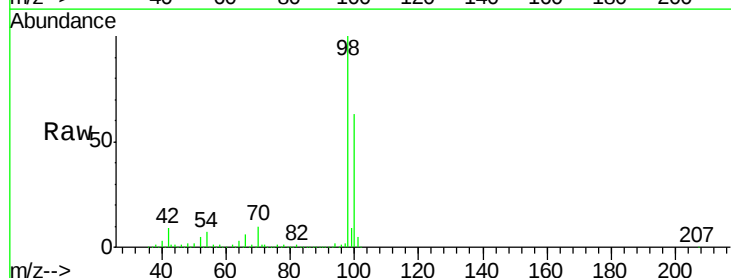
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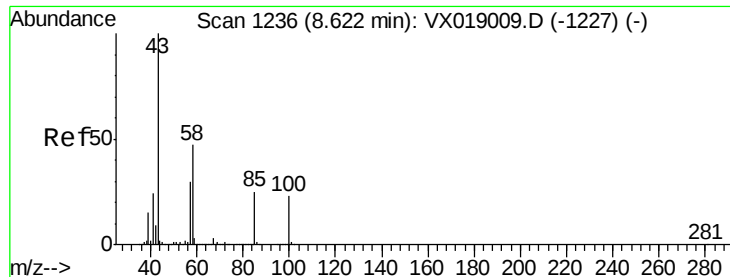
MMDadoda
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#50
Toluene-d8
Concen: 47.760 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 94.604 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampled :

VX1022WBS01

Tot Ion: 43 Resp: 283427

Ion Ratio Lower Upper

43 100

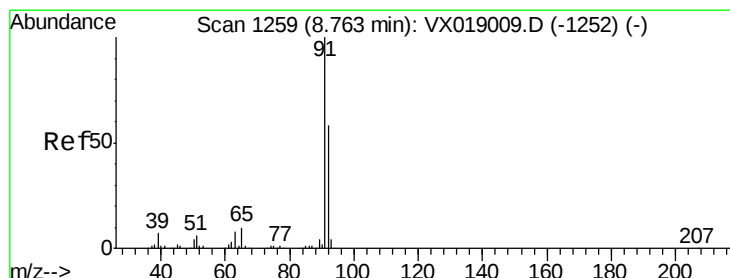
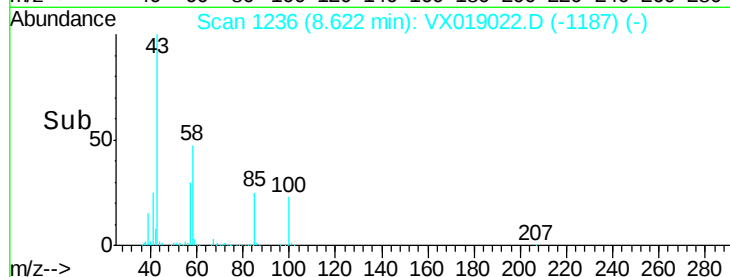
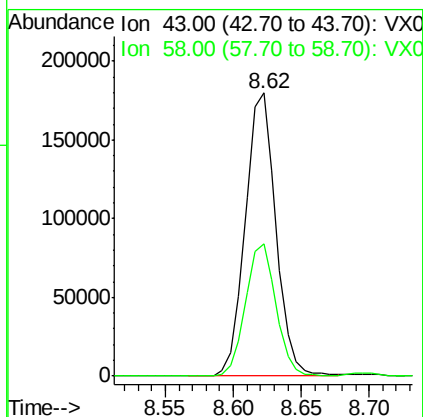
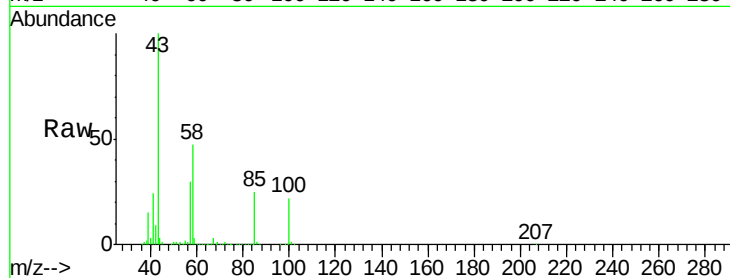
58 46.4 37.4 56.0

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#52

Toluene

Concen: 18.238 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019022.D

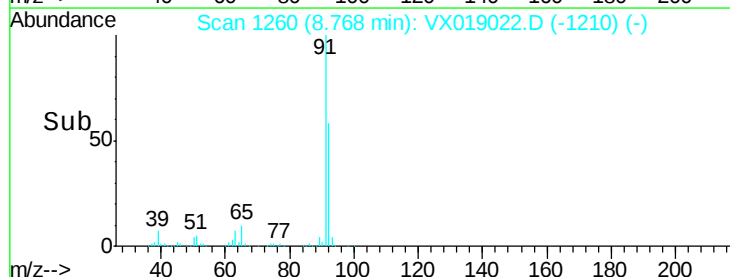
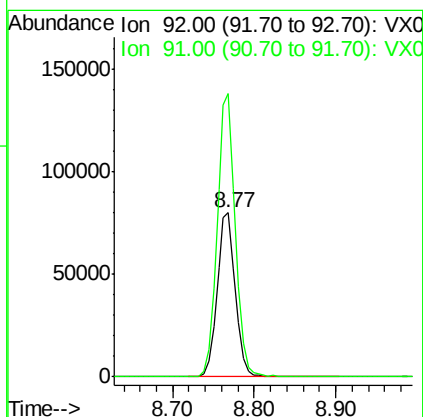
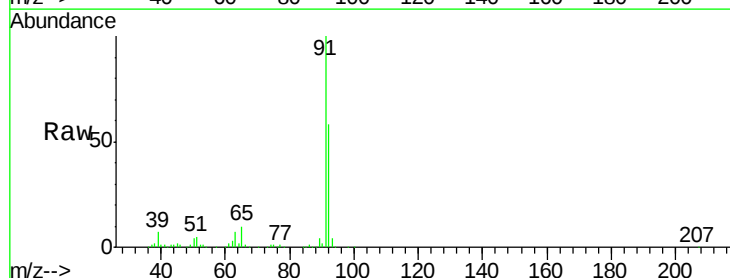
Acq: 22 Oct 2020 13:23

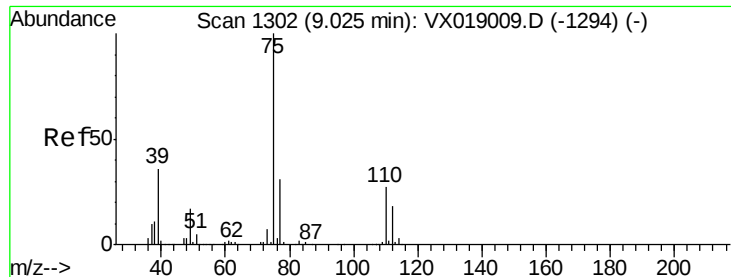
Tgt Ion: 92 Resp: 124785

Ion Ratio Lower Upper

92 100

91 172.4 138.6 208.0





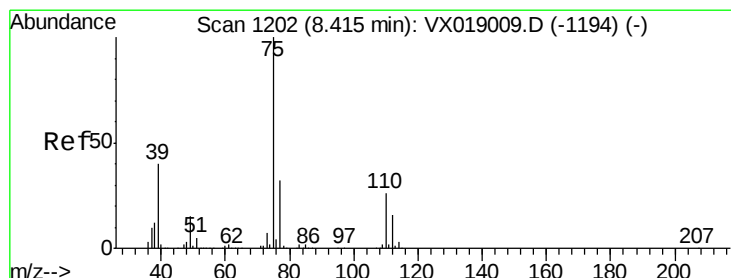
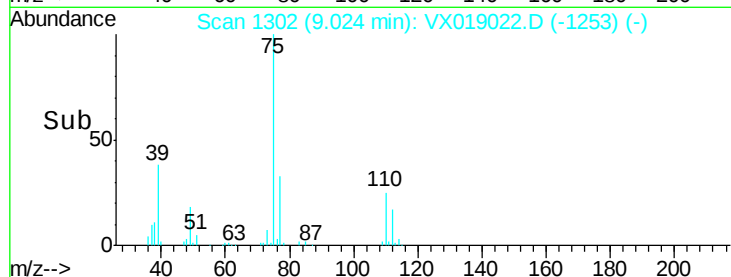
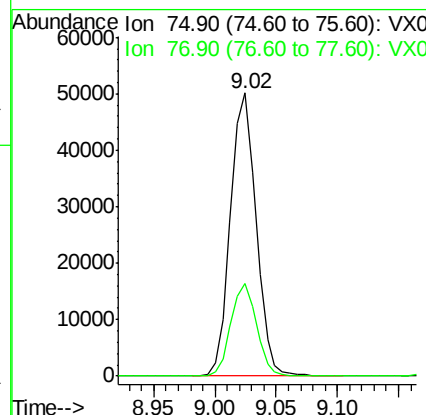
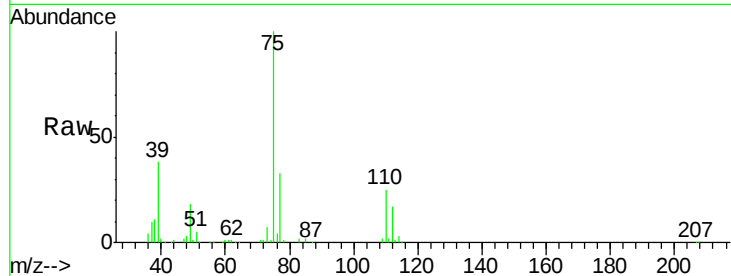
#53
t-1,3-Dichloropropene
Concen: 17.439 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion: 75 Resp: 73076
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7

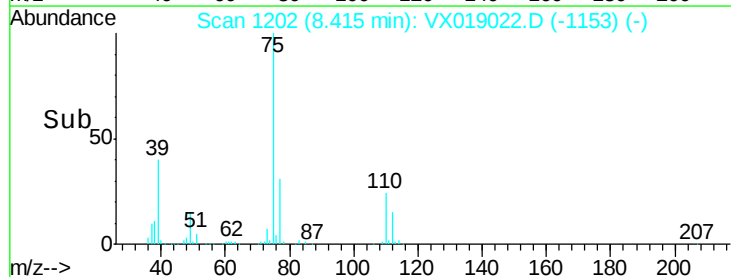
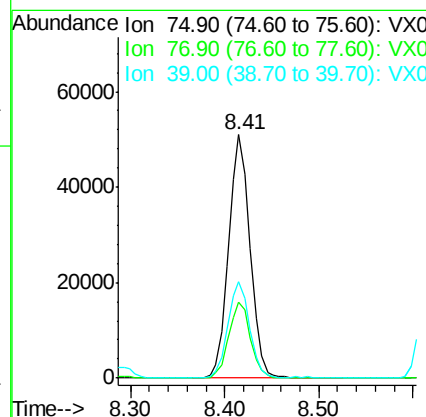
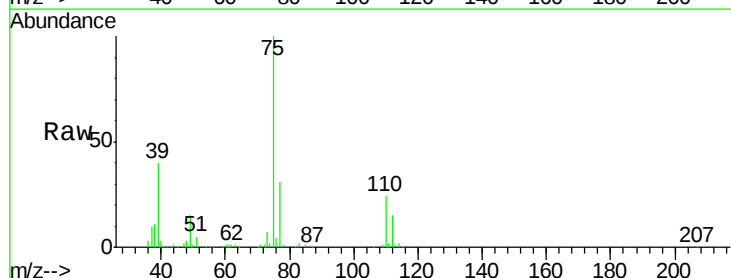
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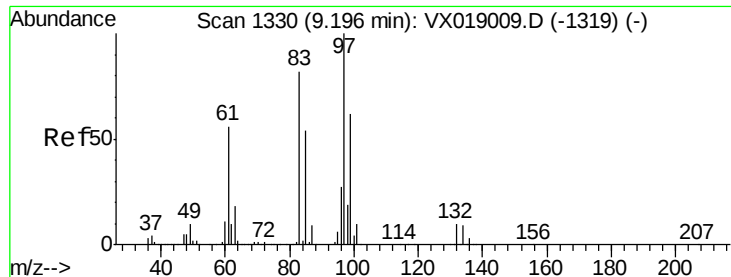
MMDadoda
10/23/2020 11:45:02 AM



#54
cis-1,3-Dichloropropene
Concen: 18.147 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion: 75 Resp: 80297
Ion Ratio Lower Upper
75 100
77 31.4 25.9 38.9
39 39.5 31.7 47.5





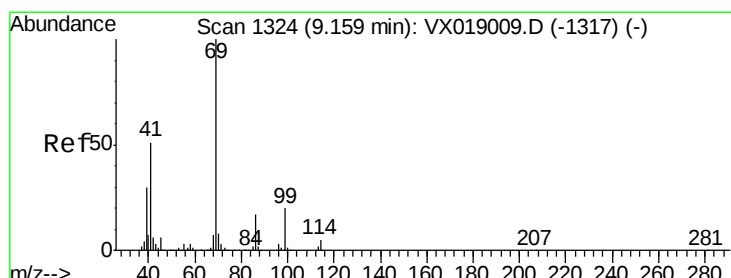
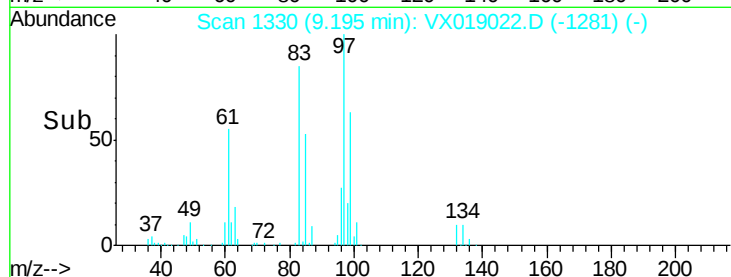
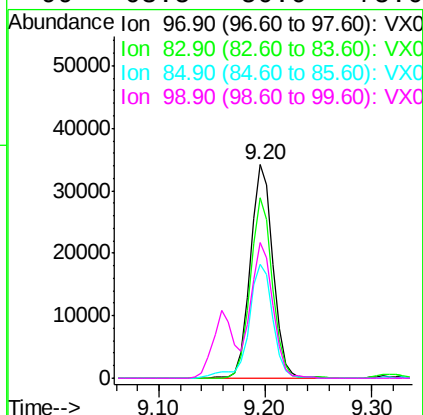
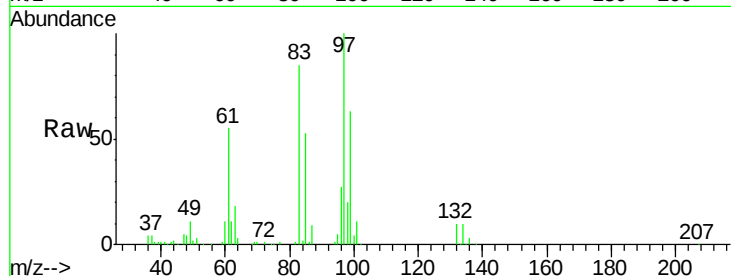
#55
 1,1,2-Trichloroethane
 Concen: 18.296 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019022.D
 Acq: 22 Oct 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		51029		
83	84.7	65.4	98.2		
85	53.3	43.3	64.9		
99	63.5	50.0	75.0		

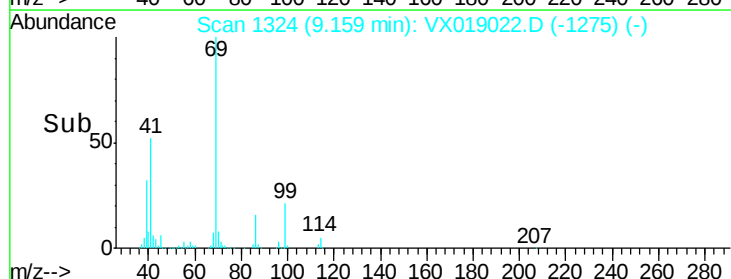
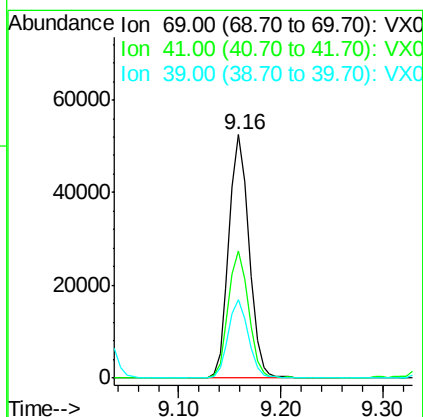
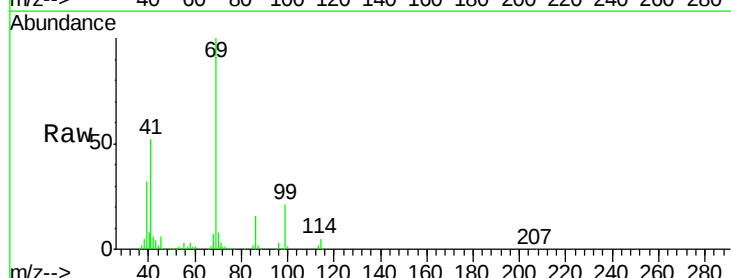
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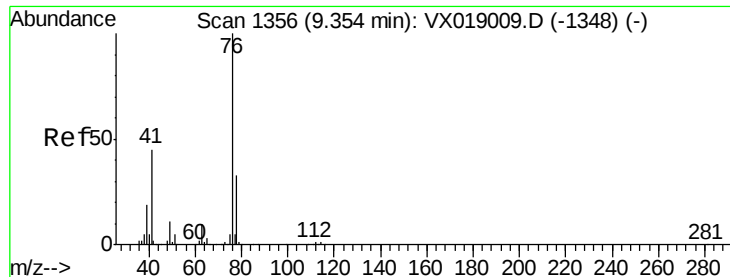
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 10/23/2020 11:45:02 AM



#56
 Ethyl methacrylate
 Concen: 17.968 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019022.D
 Acq: 22 Oct 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		72099		
41	53.1	41.1	61.7		
39	32.2	24.6	37.0		





#57

1,3-Dichloropropane

Concen: 18.619 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion: 76 Resp: 82429

Ion Ratio Lower Upper

76 100

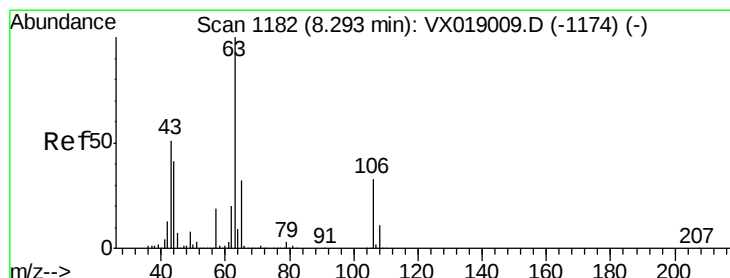
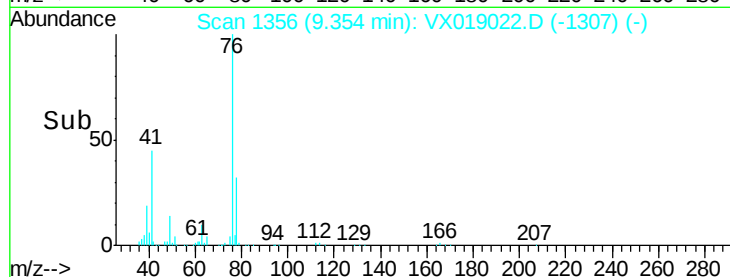
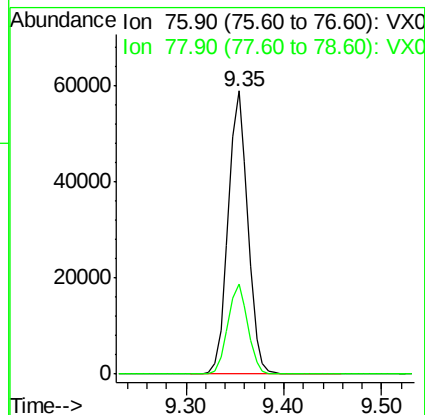
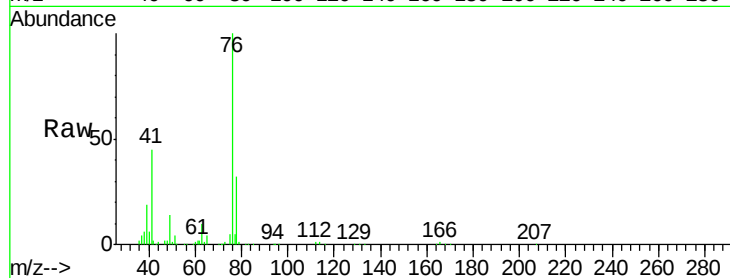
78 32.4 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 95.502 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019022.D

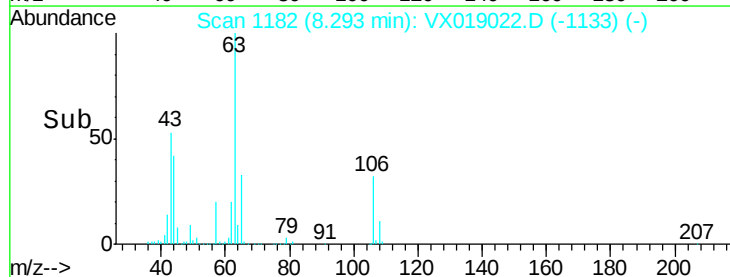
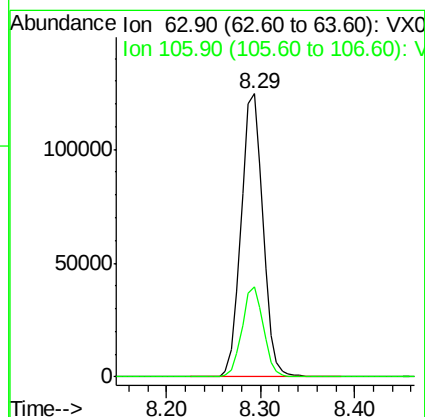
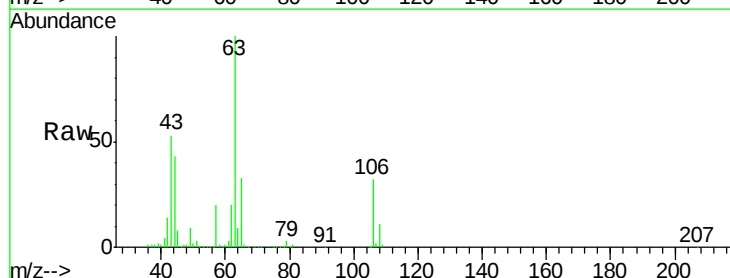
Acq: 22 Oct 2020 13:23

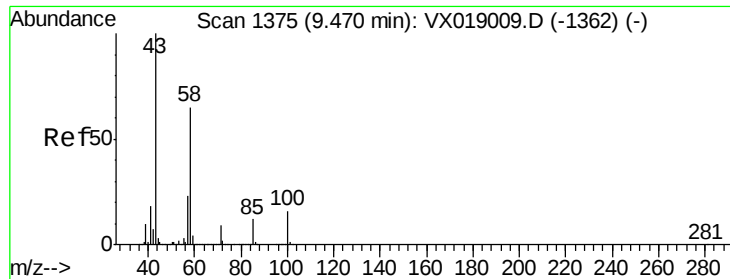
Tgt Ion: 63 Resp: 201313

Ion Ratio Lower Upper

63 100

106 31.2 26.0 39.0





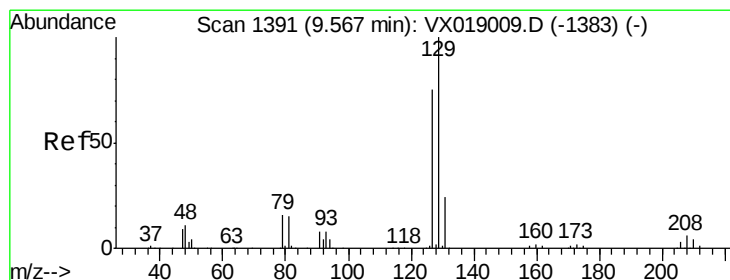
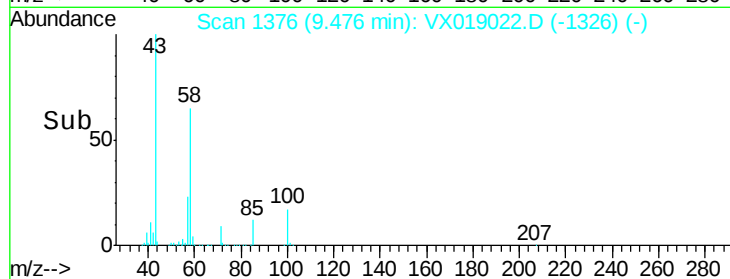
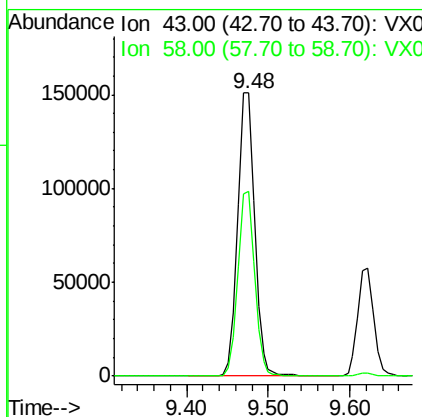
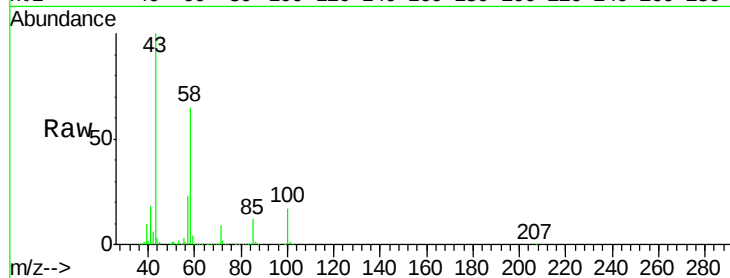
#59
2-Hexanone
Concen: 96.523 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion: 43 Resp: 215500
Ion Ratio Lower Upper
43 100
58 64.6 32.8 98.4

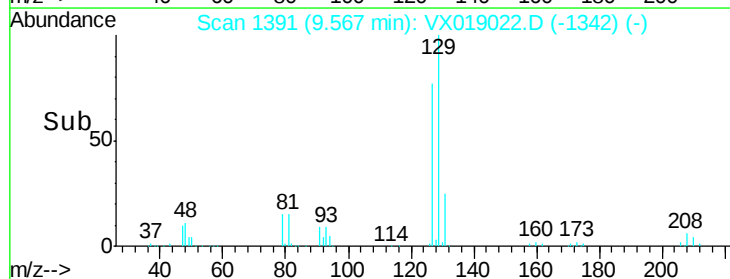
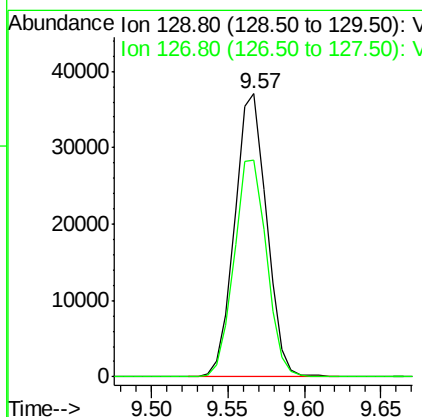
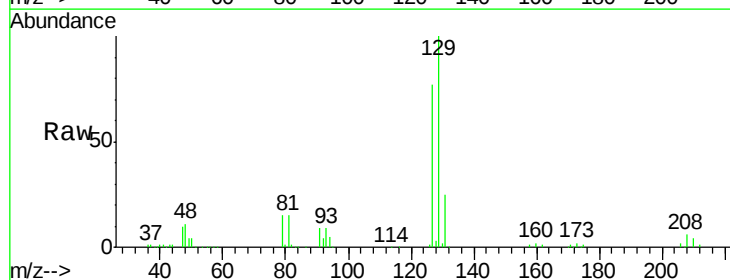
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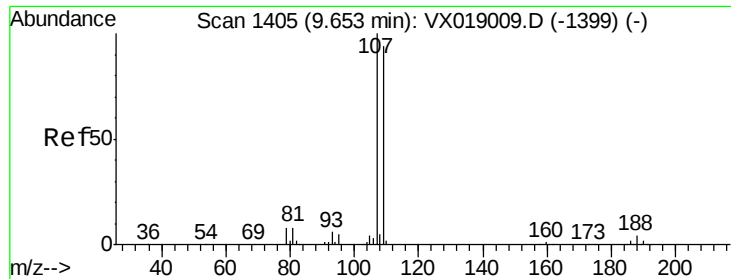
MMDadoda
10/23/2020 11:45:02 AM



#60
Dibromochloromethane
Concen: 17.650 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion: 129 Resp: 53656
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.7





#61

1,2-Dibromoethane

Concen: 18.035 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion:107 Resp: 53820

Ion Ratio Lower Upper

107 100

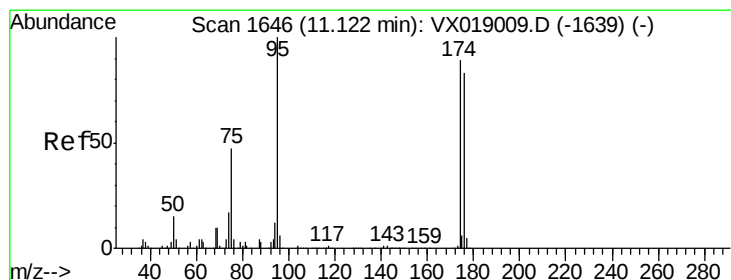
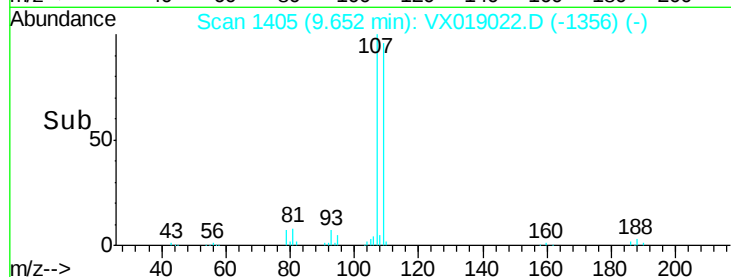
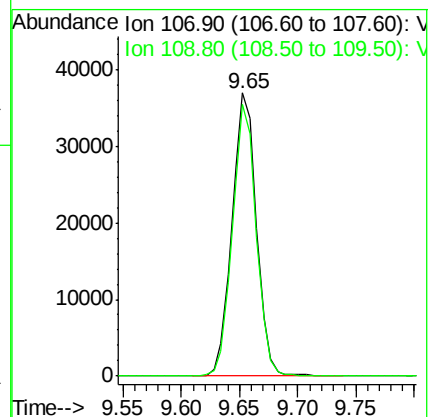
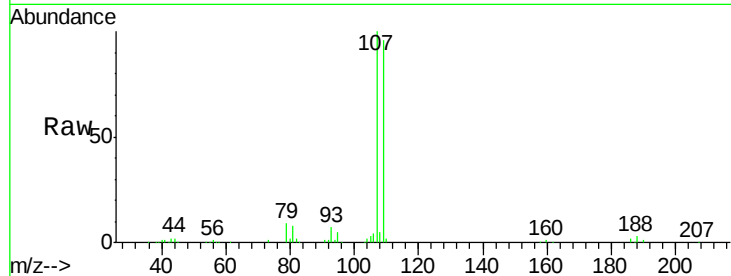
109 93.7 75.0 112.6

Manual Integrations

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MMDadoda

10/23/2020 11:45:02 AM



#62

4-Bromofluorobenzene

Concen: 46.981 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

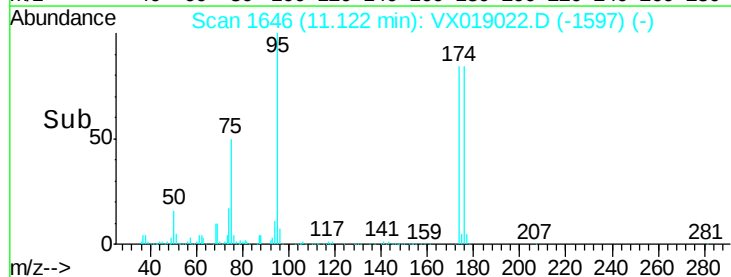
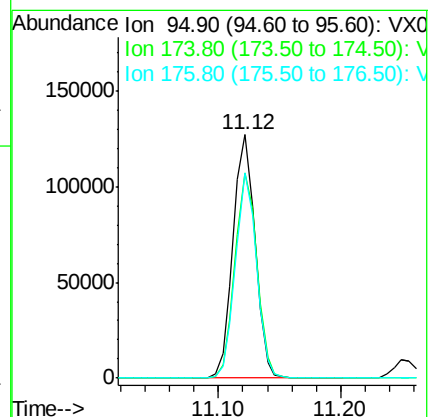
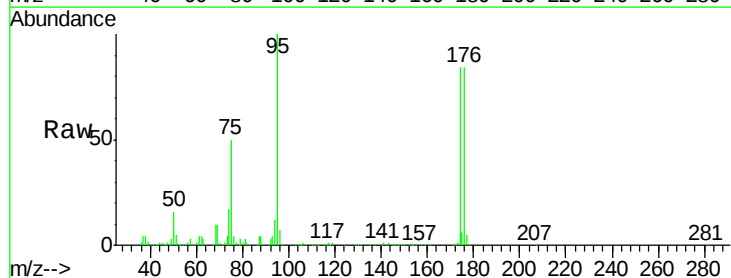
Tgt Ion: 95 Resp: 158267

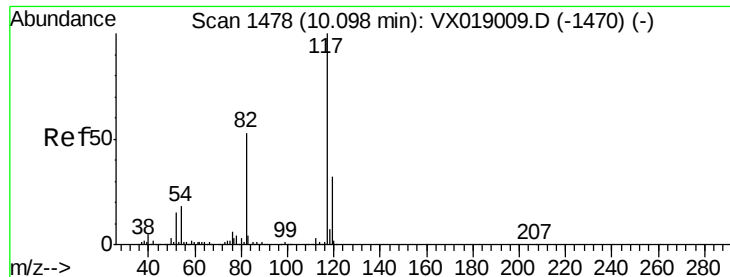
Ion Ratio Lower Upper

95 100

174 83.7 0.0 167.6

176 80.5 0.0 165.2





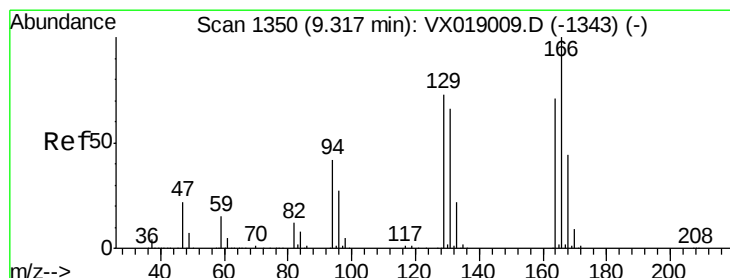
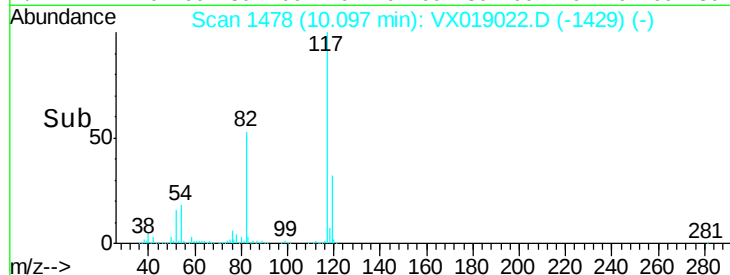
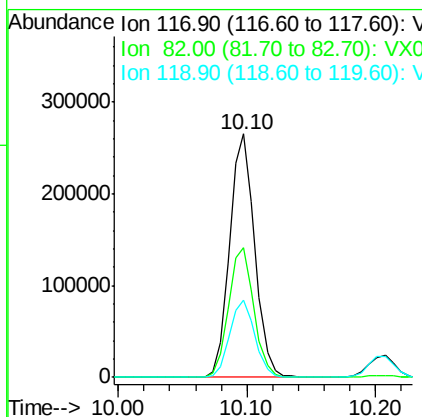
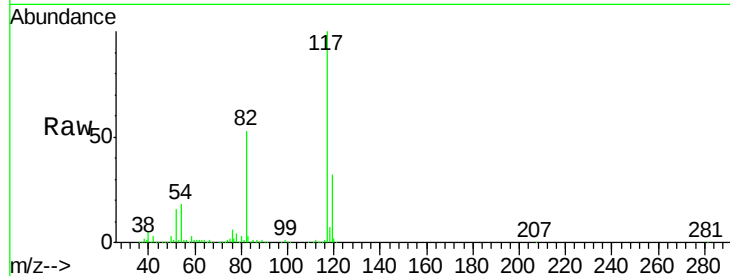
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.4	63.6
119	32.0	25.6	38.4

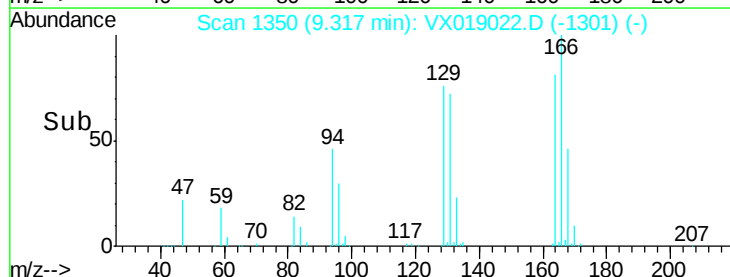
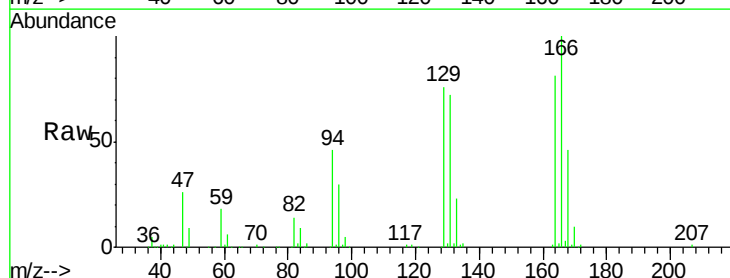
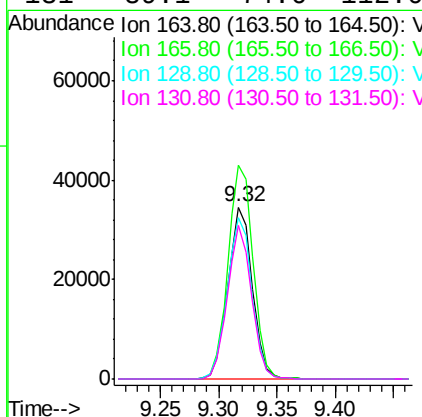
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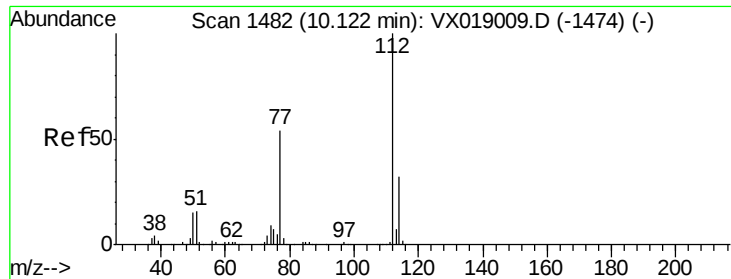
MMDadoda
10/23/2020 11:45:02 AM



#64
Tetrachloroethene
Concen: 18.365 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	112.2	168.4
129	93.9	81.8	122.8
131	89.1	74.6	112.0





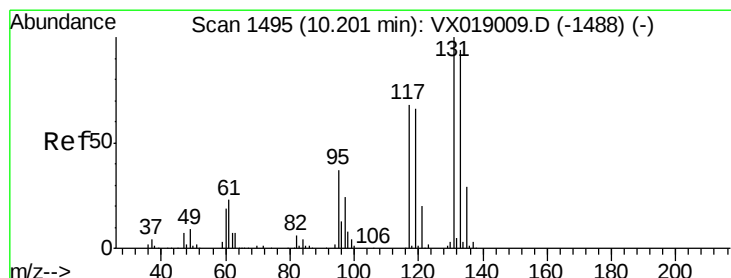
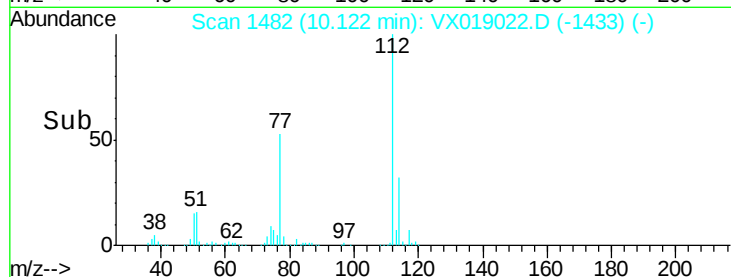
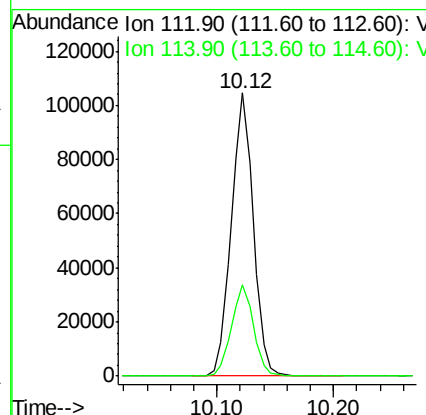
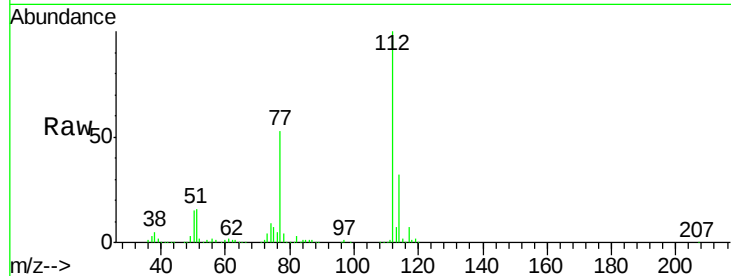
#65
Chlorobenzene
Concen: 18.129 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	137548		
114	32.1	25.5	38.3	

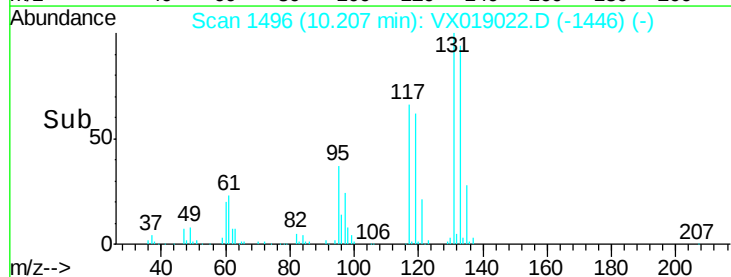
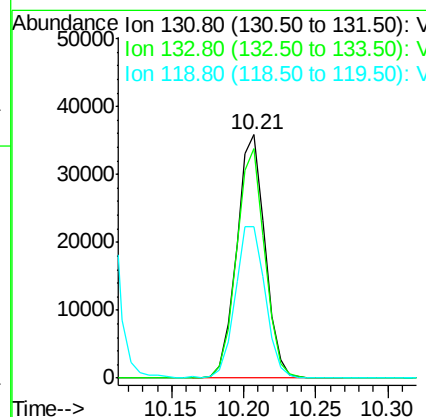
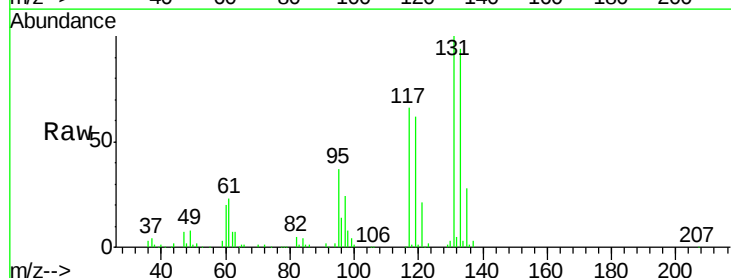
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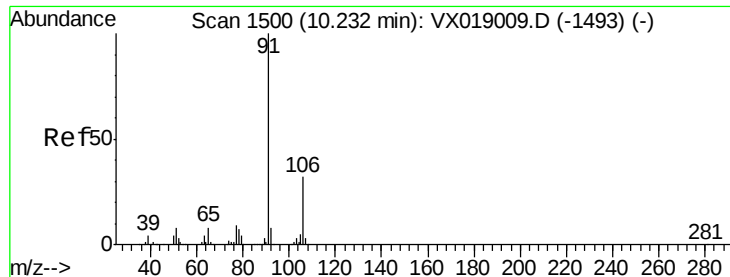
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.258 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	49252		
133	94.0	47.0	141.2	
119	66.0	32.9	98.7	





#67

Ethyl Benzene

Concen: 18.198 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion: 91 Resp: 238003

Ion Ratio Lower Upper

91 100

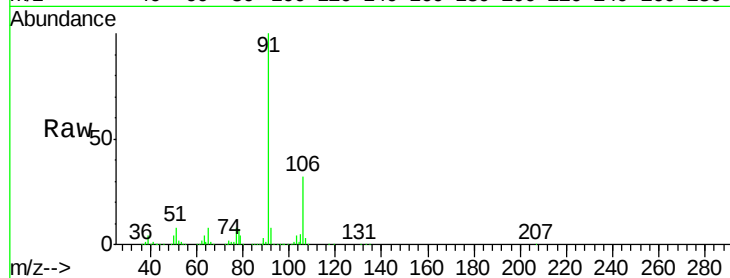
106 32.1 25.3 37.9

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Abundance Ion 91.00 (90.70 to 91.70): VX019009.D

Ion 106.00 (105.70 to 106.70): VX019009.D

300000

250000

200000

150000

100000

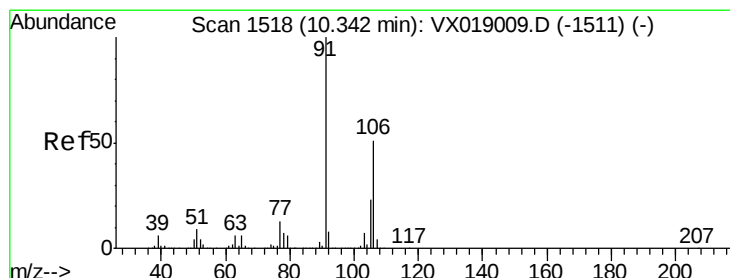
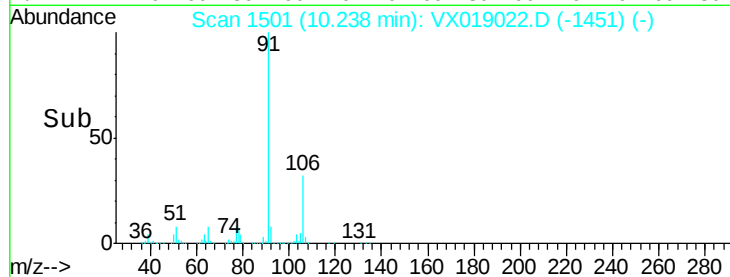
50000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 36.615 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019022.D

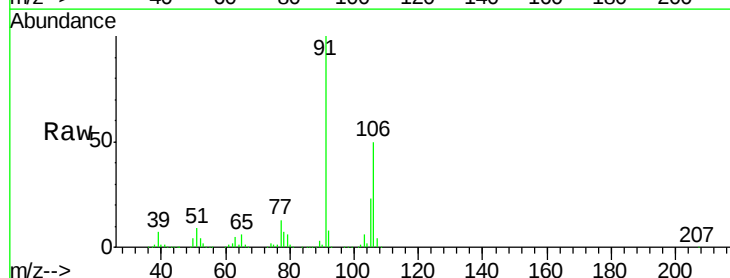
Acq: 22 Oct 2020 13:23

Tgt Ion: 106 Resp: 183436

Ion Ratio Lower Upper

106 100

91 198.1 156.9 235.3



Abundance Ion 106.00 (105.70 to 106.70): VX019009.D

Ion 91.00 (90.70 to 91.70): VX019009.D

300000

250000

200000

150000

100000

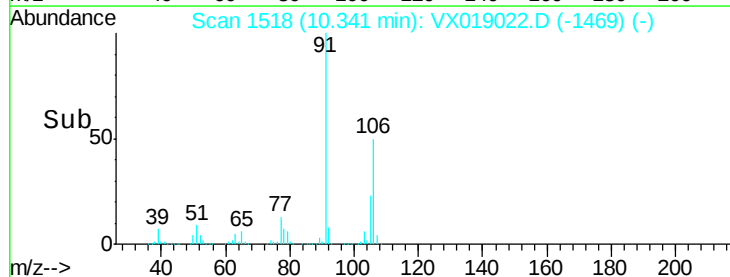
50000

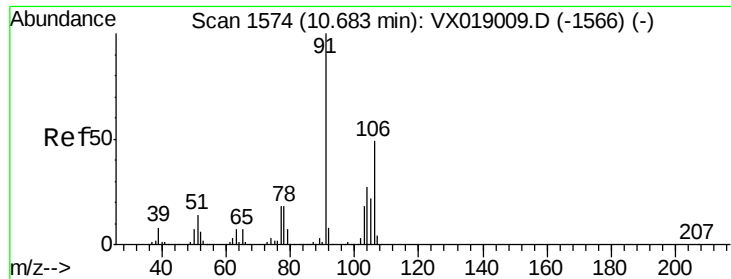
0

10.30

10.40

Time-->





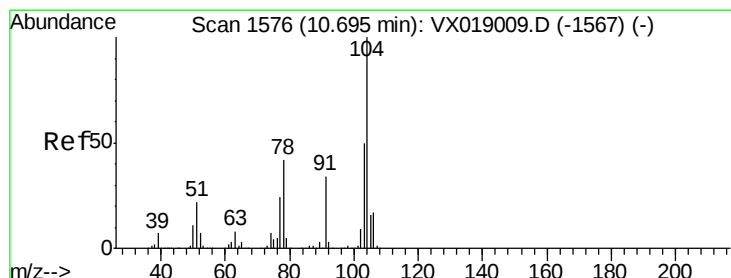
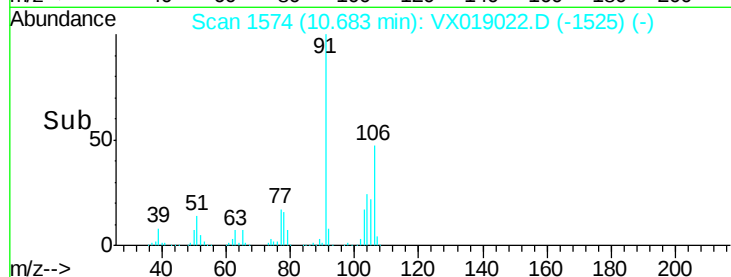
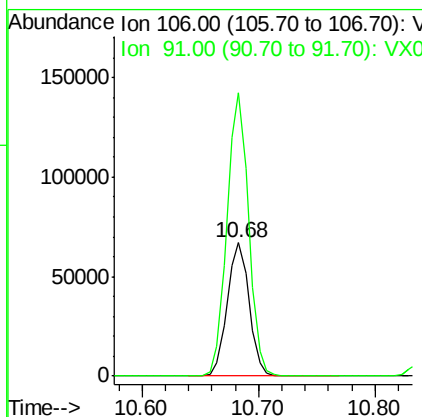
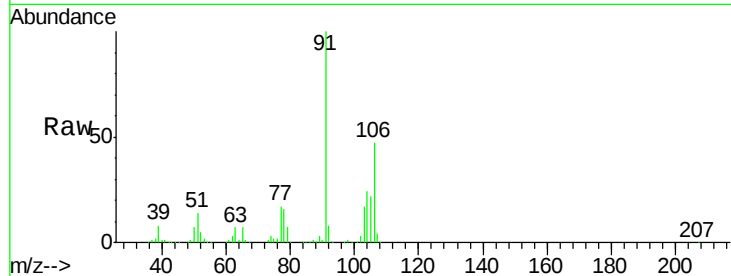
#69
o-Xylene
Concen: 18.266 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		87582		
91	209.6	104.0	312.0		

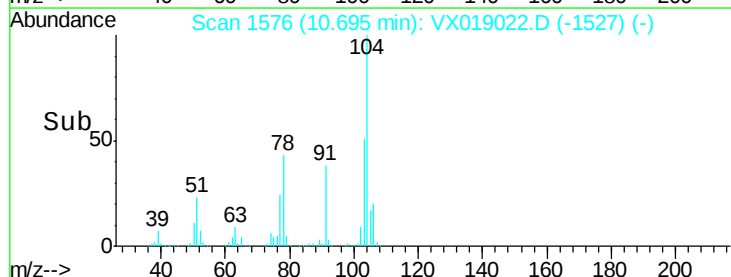
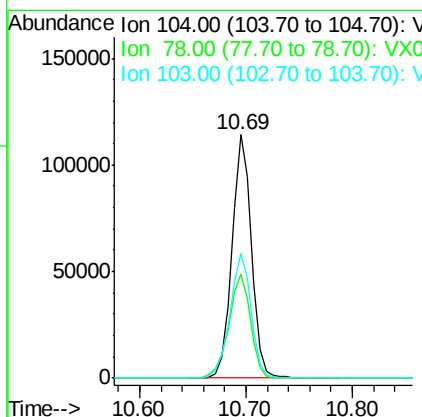
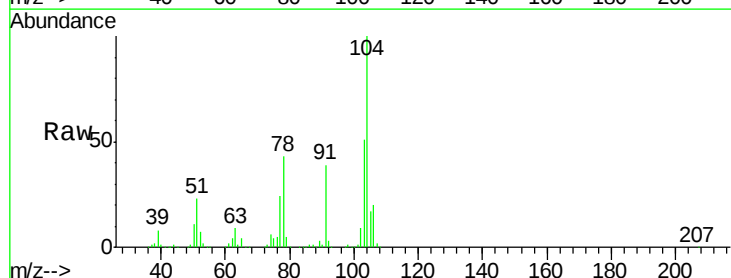
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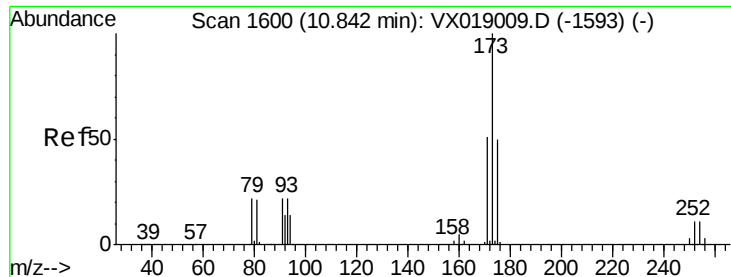
MMDadoda
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#70
Styrene
Concen: 17.979 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		146357		
78	47.7	37.7	56.5		
103	55.6	43.5	65.3		





#71

Bromoform

Concen: 17.801 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion:173 Resp: 38763

Ion Ratio Lower Upper

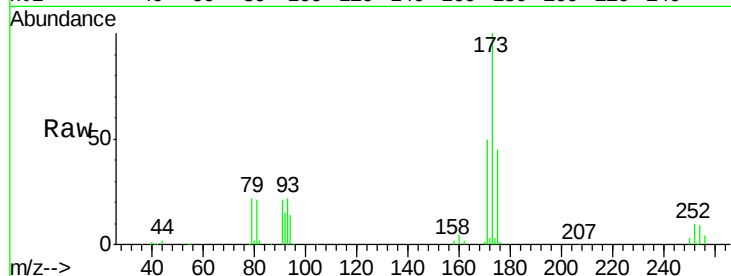
173 100

175 46.5 24.1 72.4

254 0.0 0.1 0.1#

Manual Integrations
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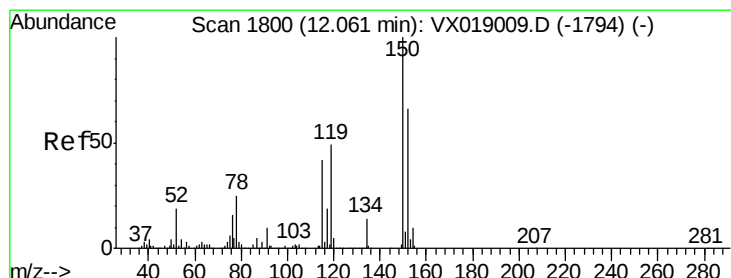
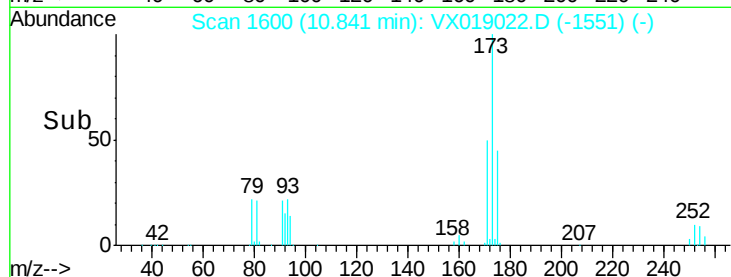
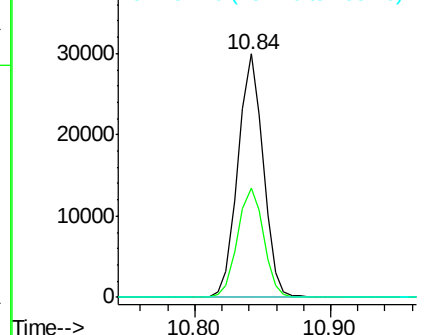
MMDadoda
10/23/2020 11:45:02 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

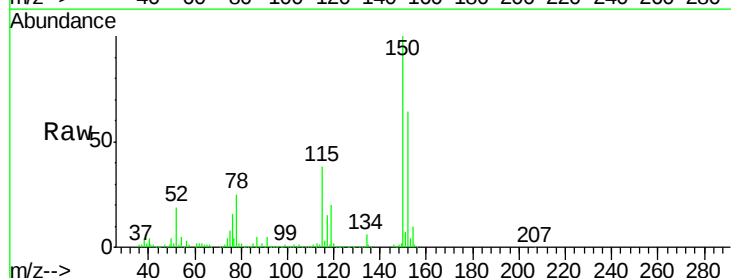
Tgt Ion:152 Resp: 183225

Ion Ratio Lower Upper

152 100

115 66.7 40.8 122.5

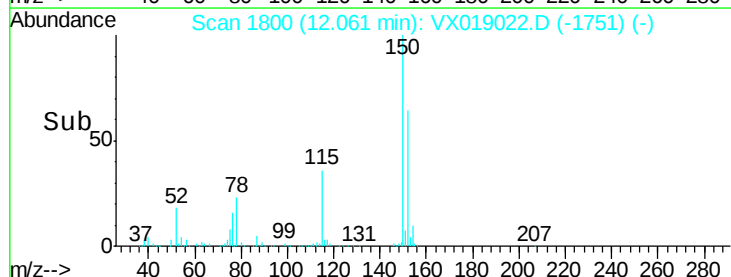
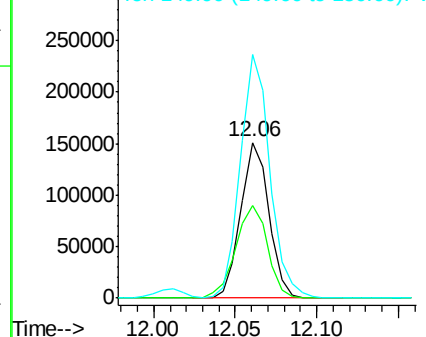
150 162.5 0.0 345.6

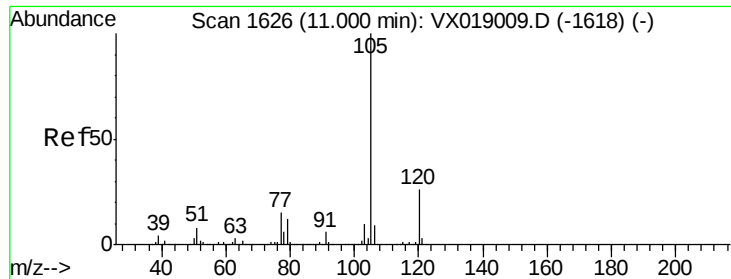


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.151 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion: 105 Resp: 239238

Ion Ratio Lower Upper

105 100

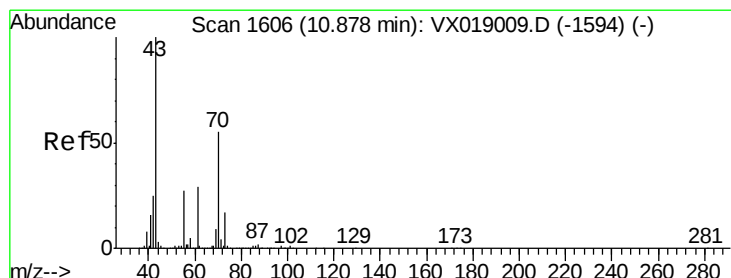
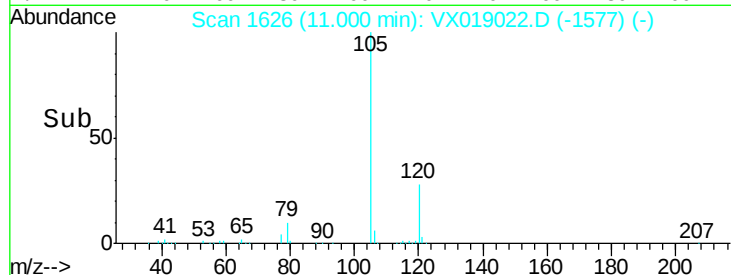
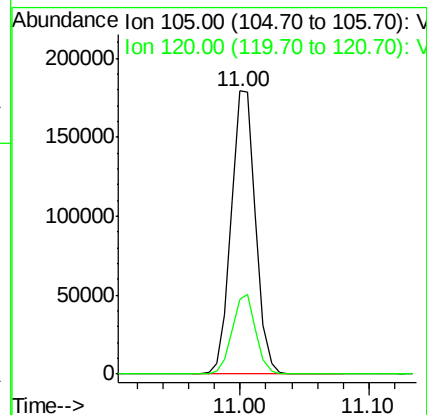
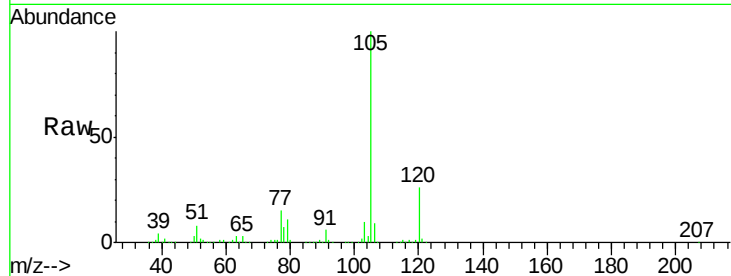
120 27.1 13.4 40.1

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#74

N-ethyl acetate

Concen: 18.164 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Tgt Ion: 43 Resp: 76708

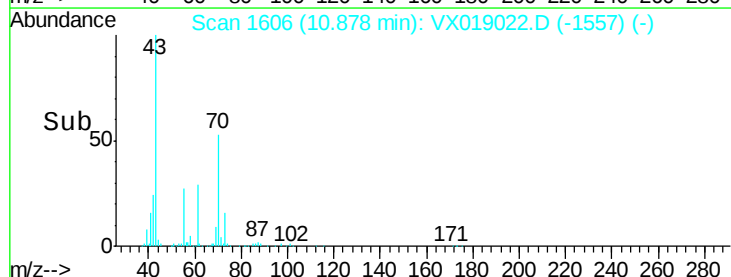
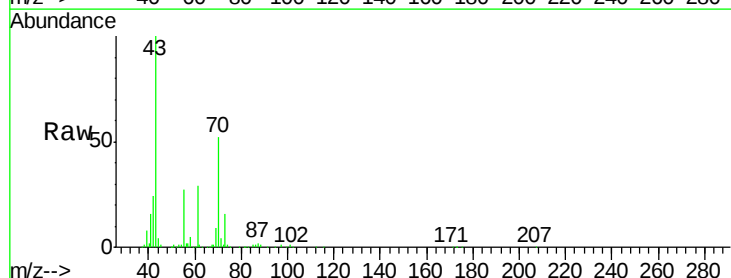
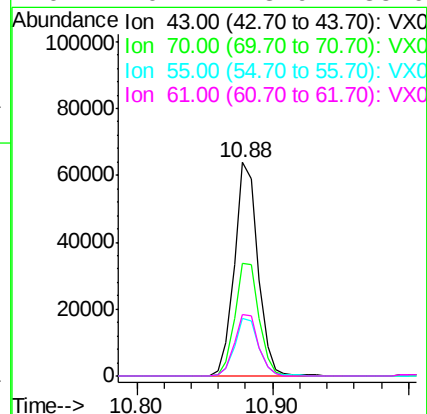
Ion Ratio Lower Upper

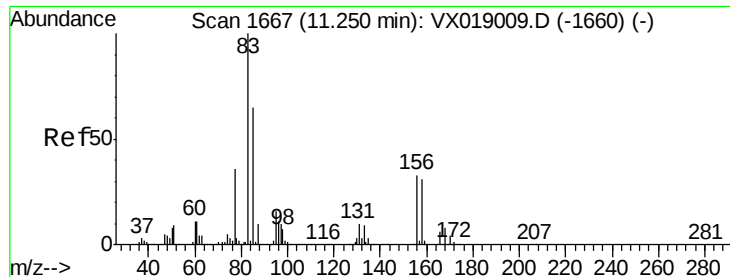
43 100

70 54.2 44.5 66.7

55 27.7 21.9 32.9

61 29.2 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.557 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

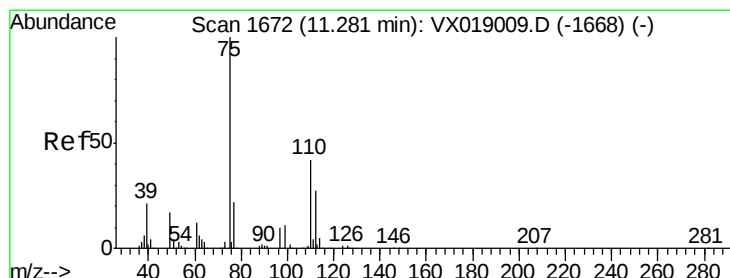
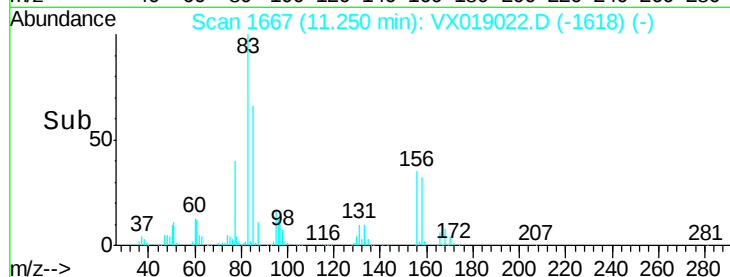
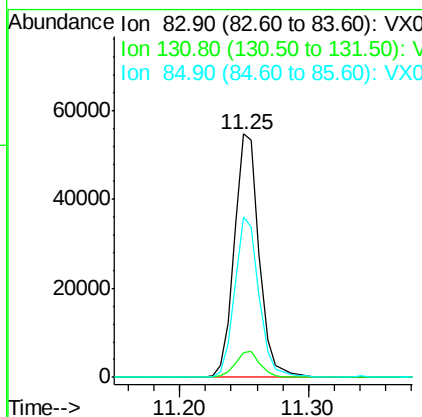
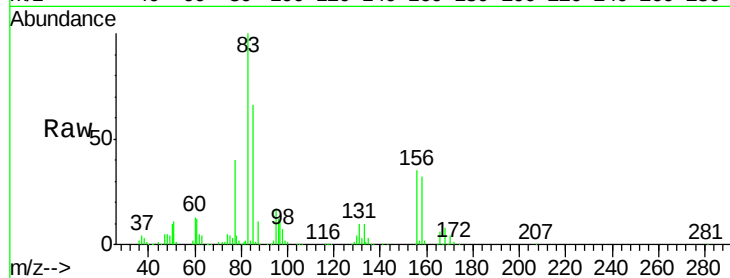
ClientSampleId :

VX1022WBS01

Tot Ion:	83	Resp:	73688
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	65.0	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 18.541 ug/l m

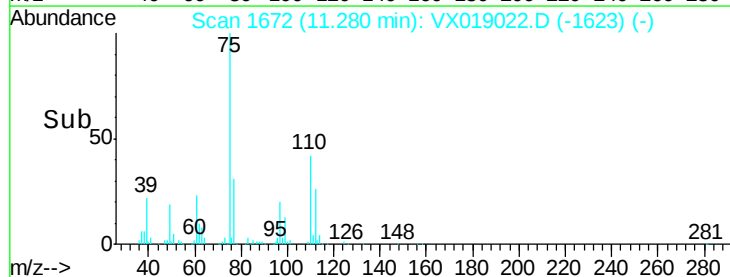
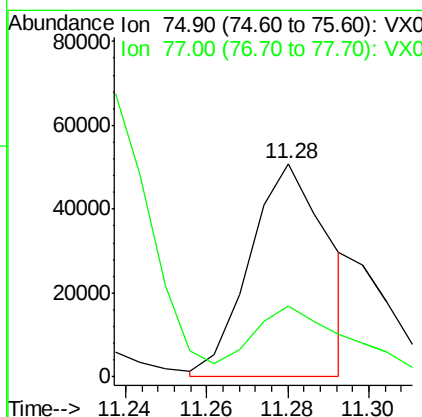
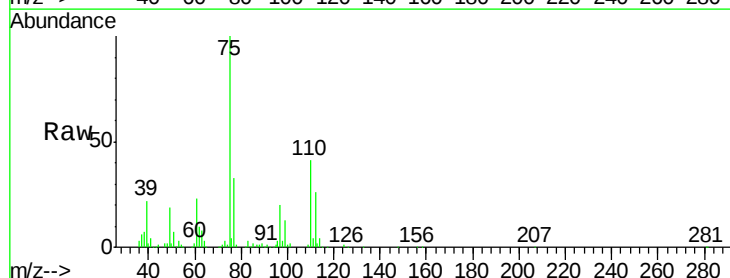
RT: 11.28 min Scan# 1672

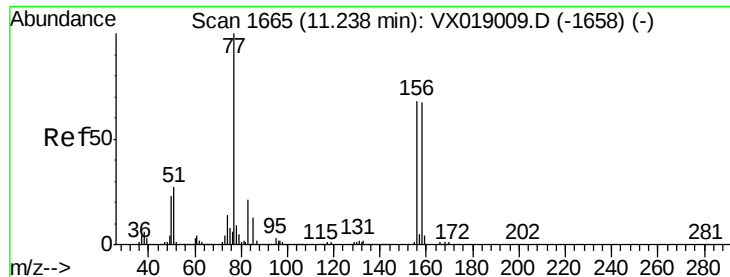
Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Tgt Ion:	75	Resp:	67901
Ion Ratio	Lower	Upper	
75	100		
77	41.6	20.7	62.1





#77

Bromobenzene

Concen: 17.360 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

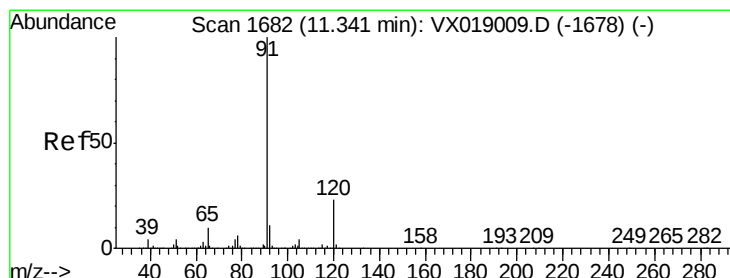
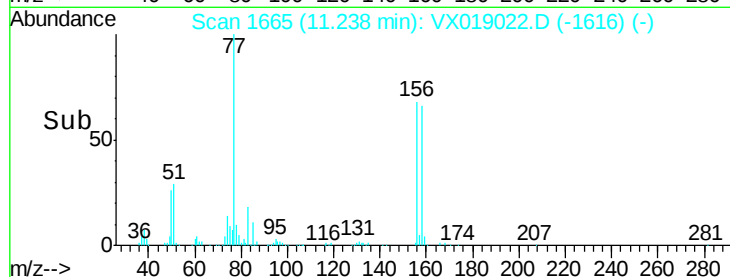
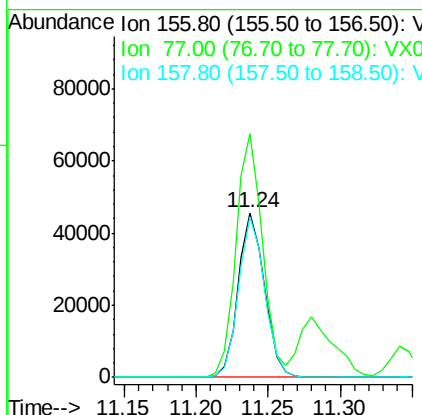
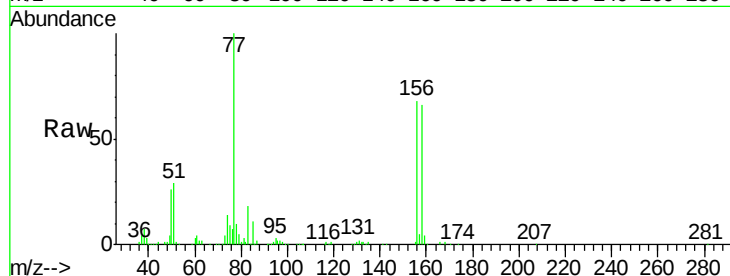
ClientSampleId :

VX1022WBS01

Tot Ion:	156	Resp:	57790
Ion Ratio	Lower	Upper	
156	100		
77	150.5	74.4	223.1
158	97.0	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 17.948 ug/l

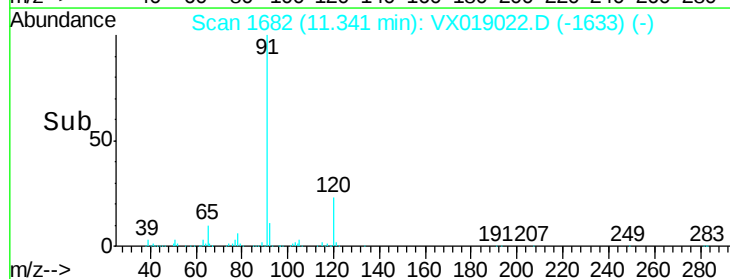
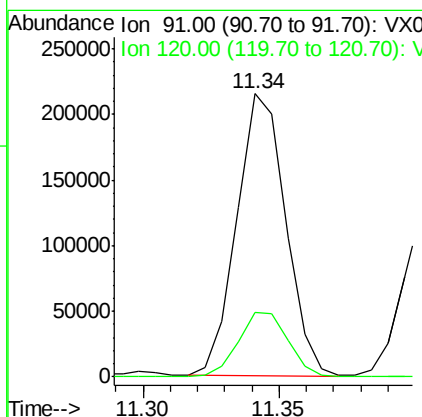
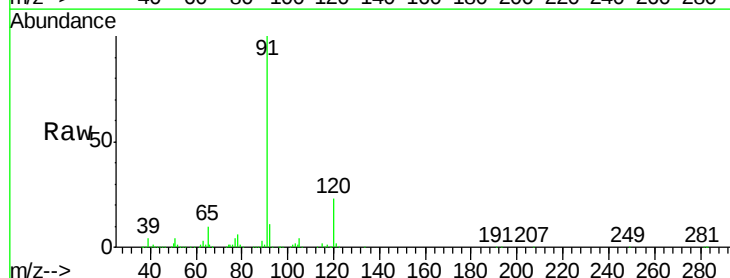
RT: 11.34 min Scan# 1682

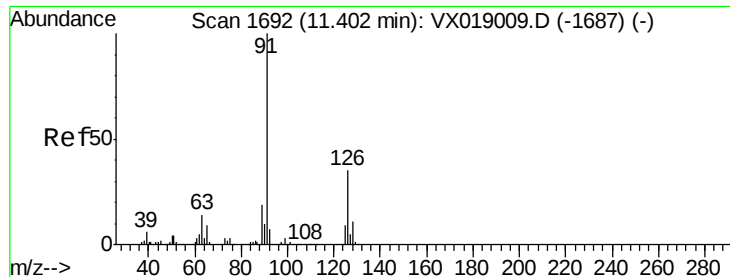
Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Tgt Ion:	91	Resp:	268057
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.1	36.3





#79

2-Chlorotoluene

Concen: 17.739 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tot Ion: 91 Resp: 154564

Ion Ratio Lower Upper

91 100

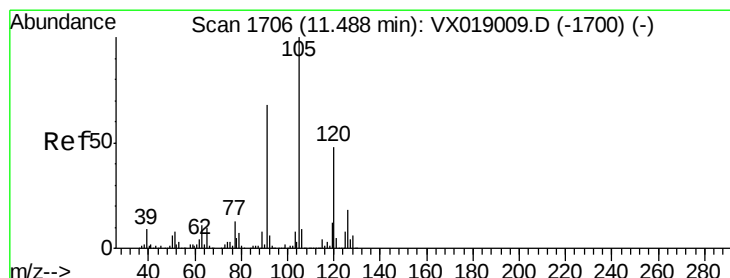
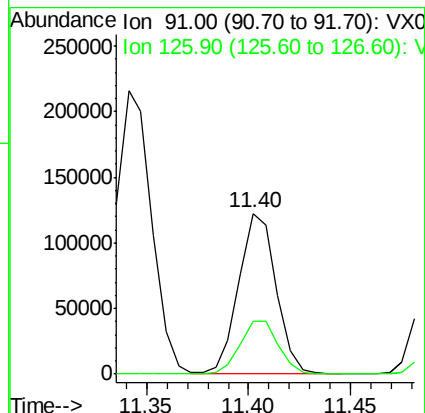
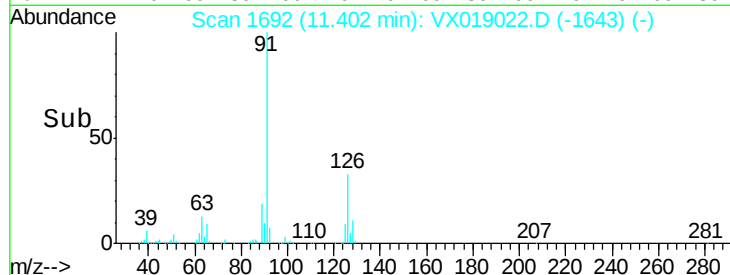
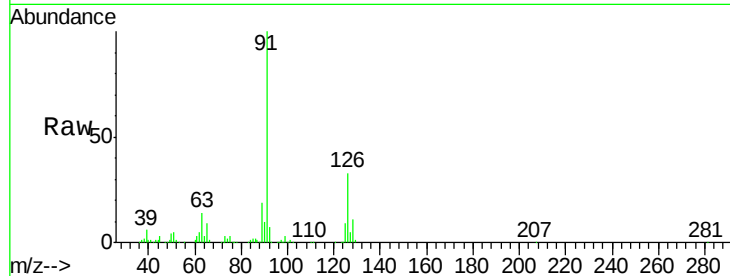
126 34.5 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 17.915 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019022.D

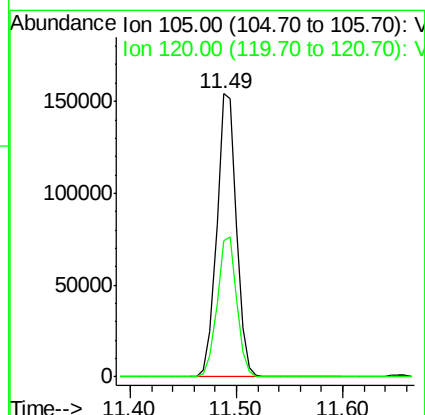
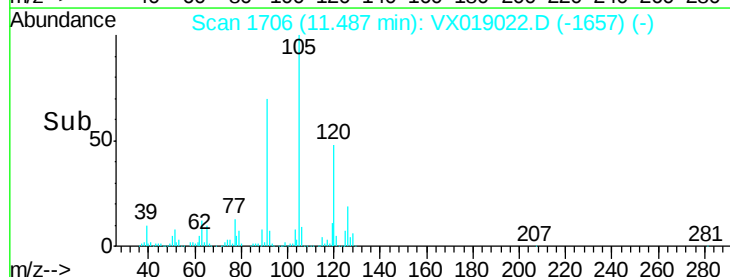
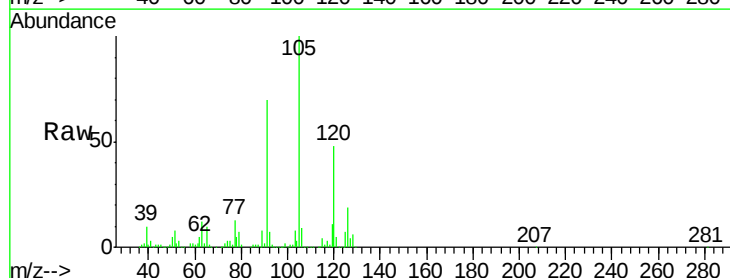
Acq: 22 Oct 2020 13:23

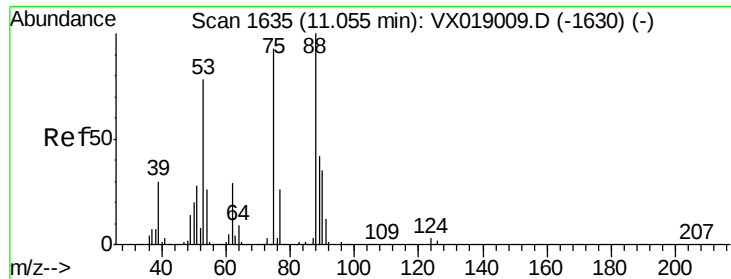
Tgt Ion: 105 Resp: 195002

Ion Ratio Lower Upper

105 100

120 49.3 25.2 75.6





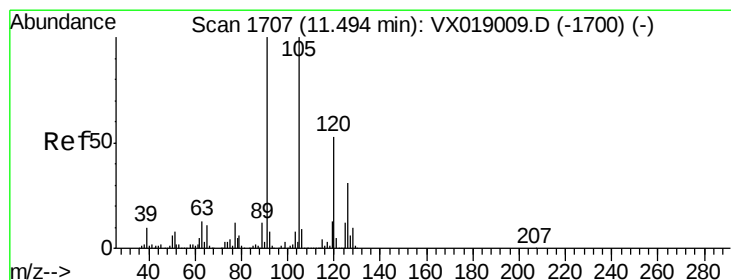
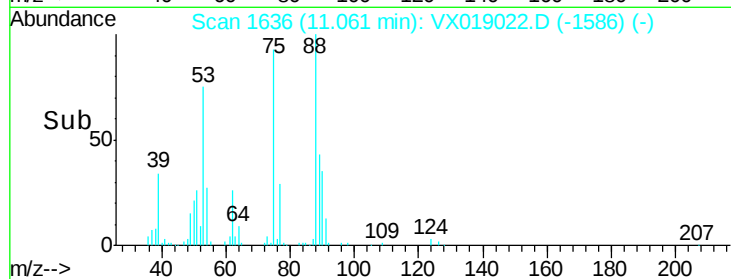
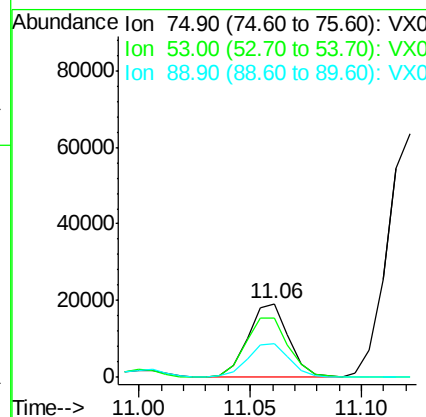
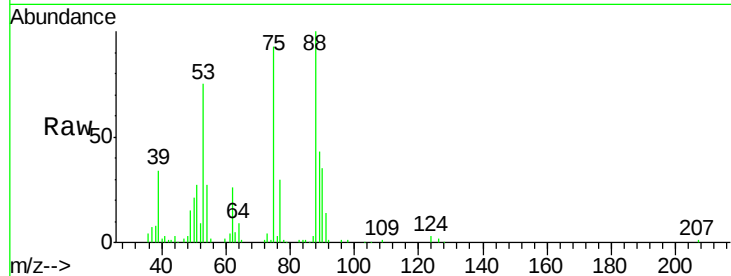
#81
trans-1,4-Dichloro-2-butene
Concen: 16.813 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.2	67.4	101.2
89	48.2	37.2	55.8

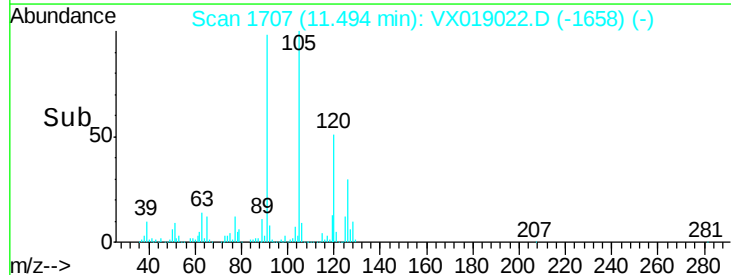
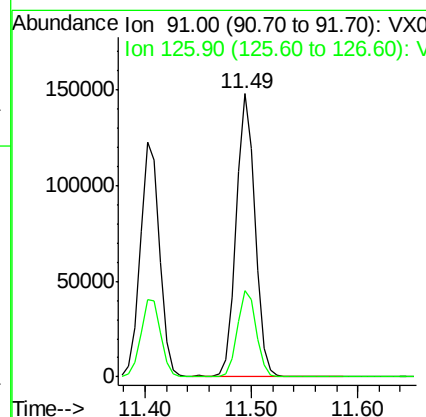
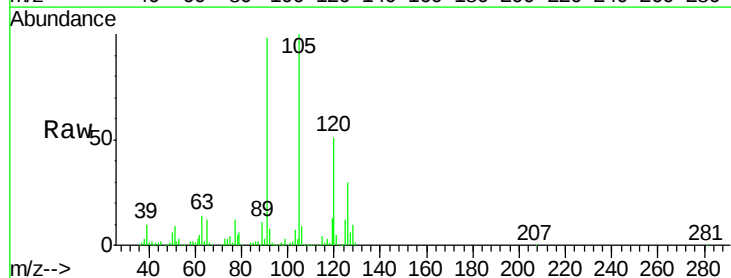
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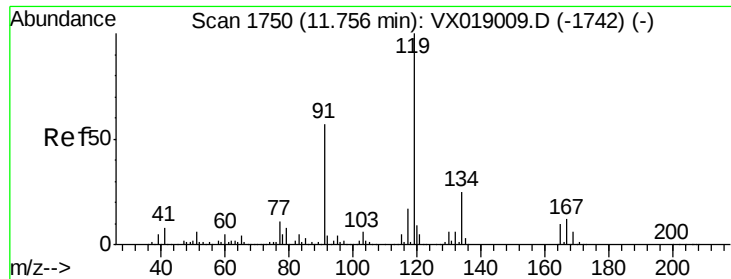
MMDadoda
10/23/2020 11:45:02 AM



#82
4-Chlorotoluene
Concen: 17.783 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.7





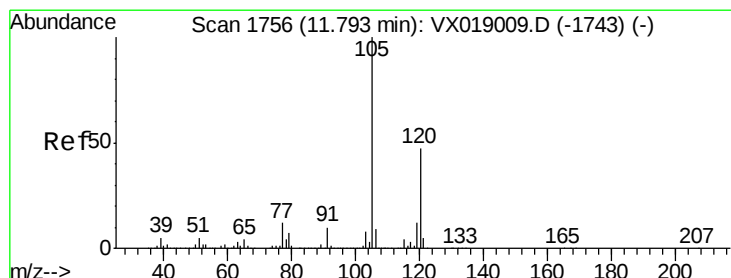
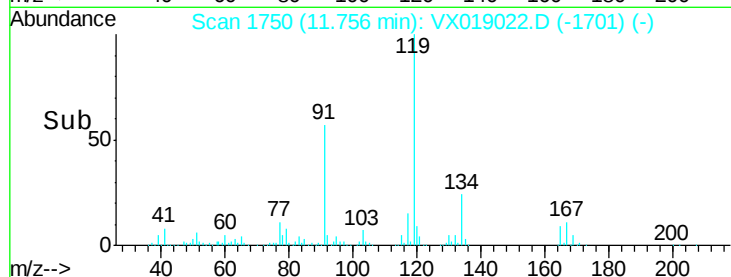
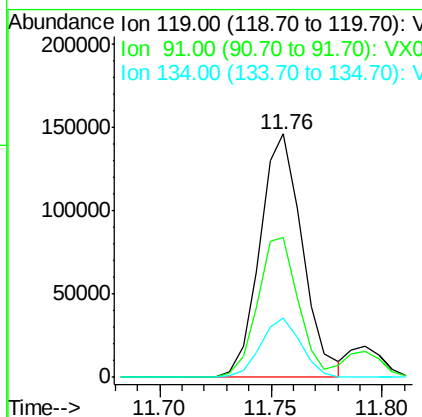
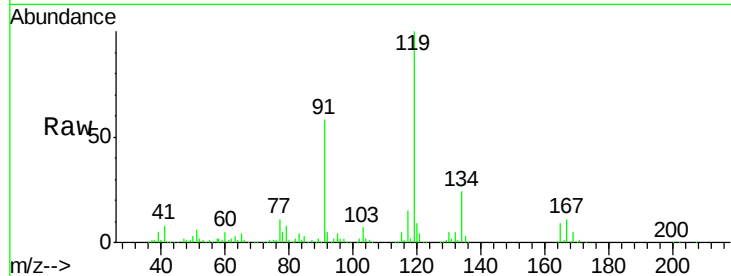
#83
tert-Butylbenzene
Concen: 18.075 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	193805		
91	55.3	28.1	84.4	
134	23.2	11.8	35.3	

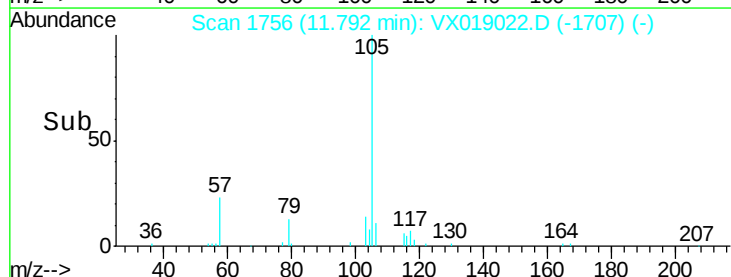
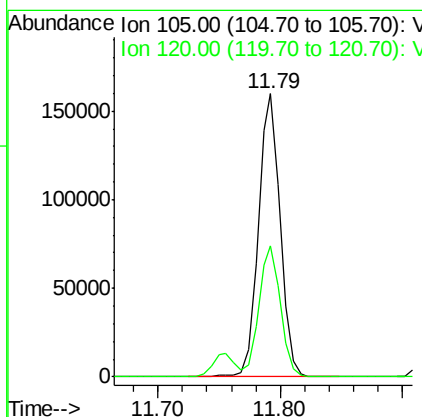
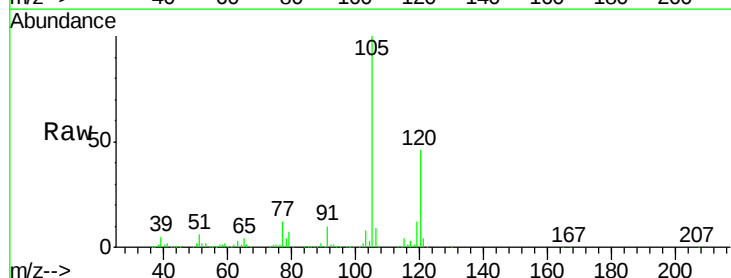
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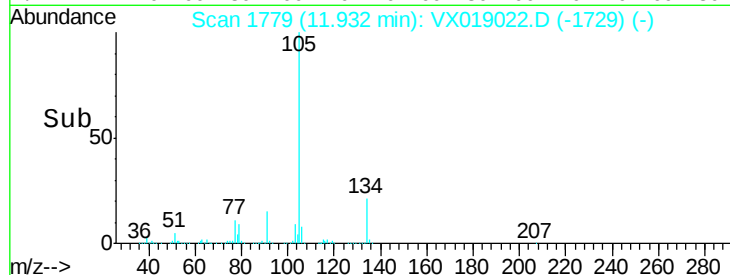
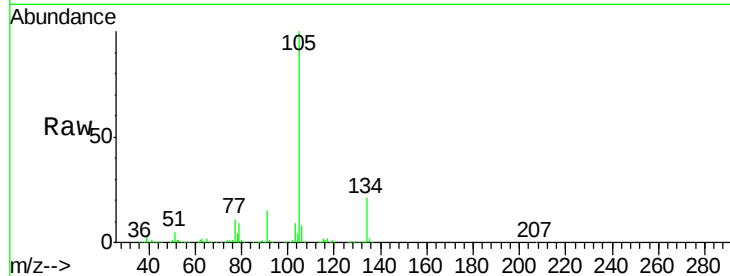
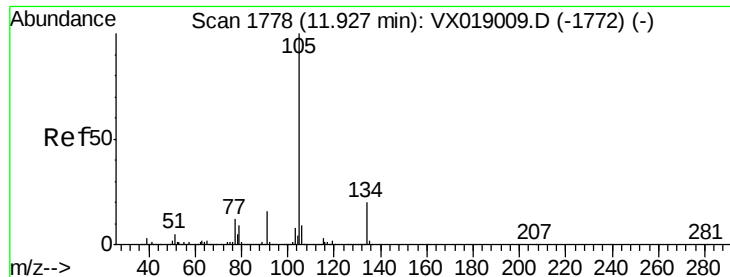
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 18.214 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	198512		
120	45.8	22.9	68.8	





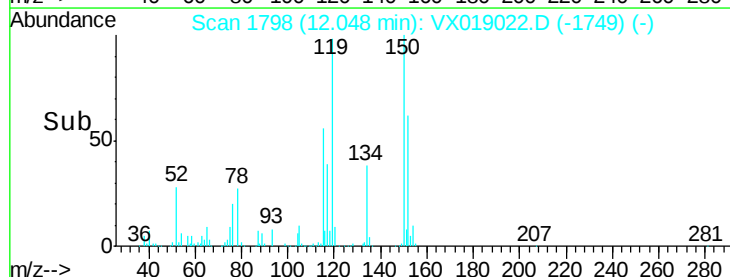
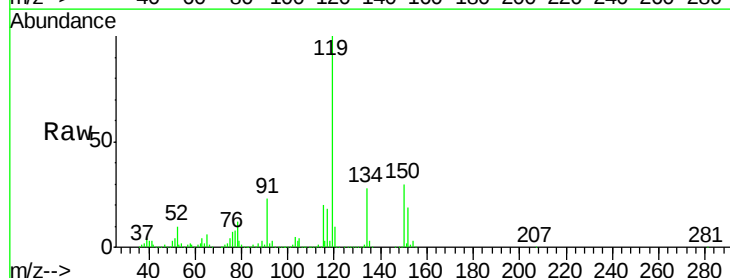
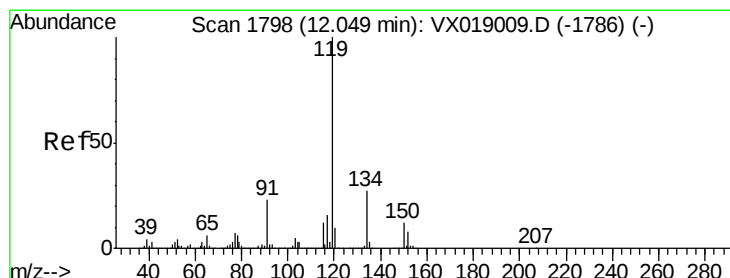
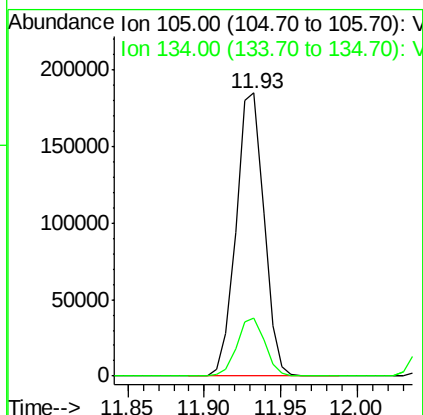
#85
 sec-Butylbenzene
 Concen: 17.973 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019022.D
 Acq: 22 Oct 2020 13:23

Tot Ion	Ratio	Resp	Lower	Upper
105	100	233204		
134	20.4	10.4	31.1	

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

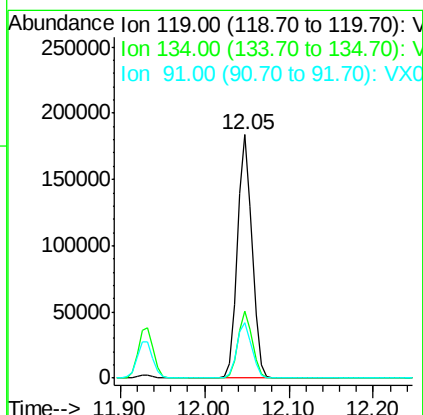
Manual Integrations
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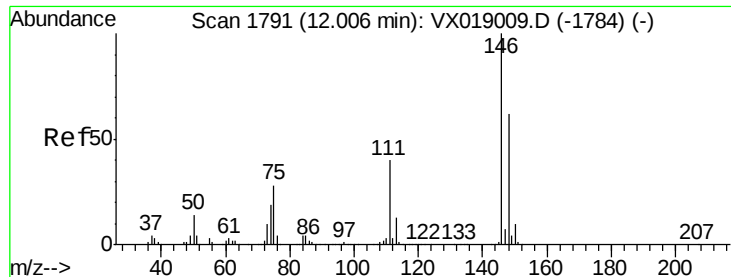
MMDadoda
 10/23/2020 11:45:02 AM



#86
 p-Isopropyltoluene
 Concen: 17.972 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019022.D
 Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	213066		
134	27.1	13.3	39.8	
91	23.5	11.4	34.2	





#87

1,3-Dichlorobenzene

Concen: 17.499 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Instrument :

MSVOA_X

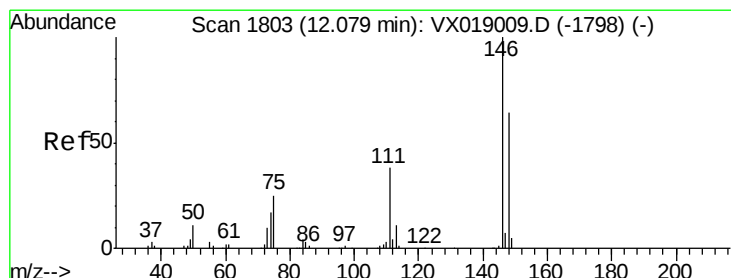
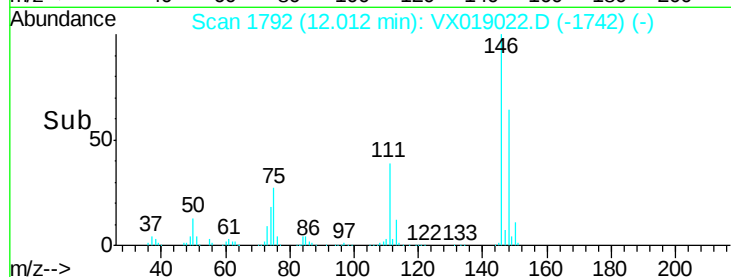
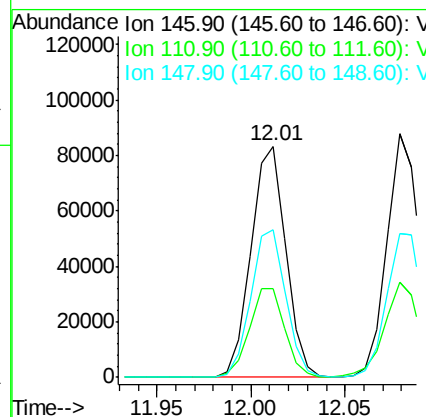
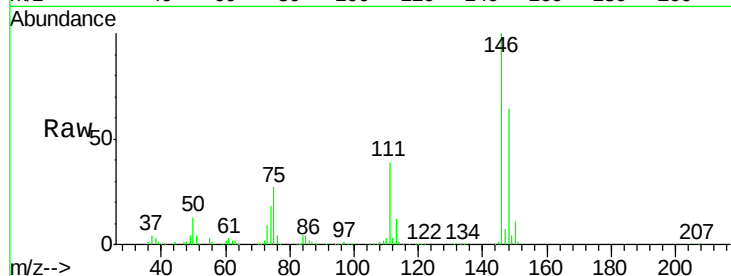
ClientSampleId :

VX1022WBS01

Tot Ion:	146	Resp:	106854
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.7	59.1
148	64.1	32.0	96.0

Manual Integrations
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10/23/2020 11:45:02 AM



#88

1,4-Dichlorobenzene

Concen: 17.222 ug/l

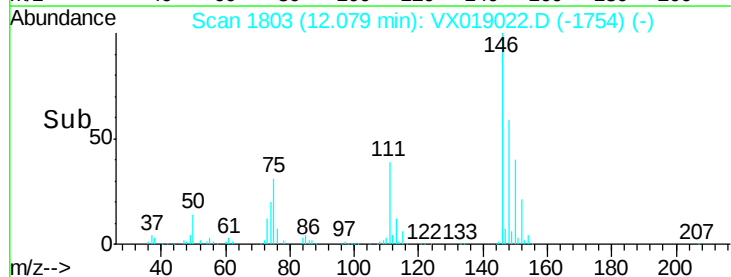
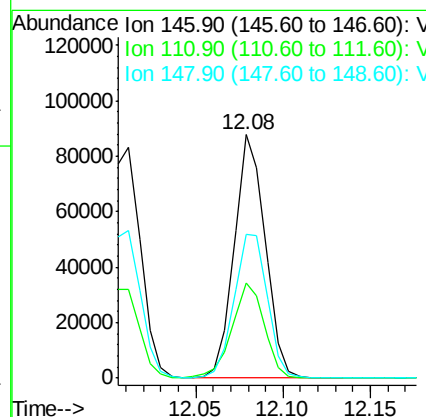
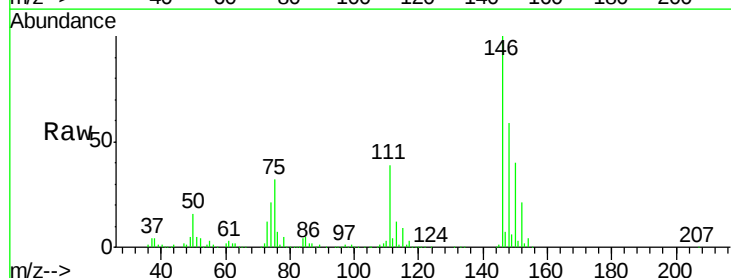
RT: 12.08 min Scan# 1803

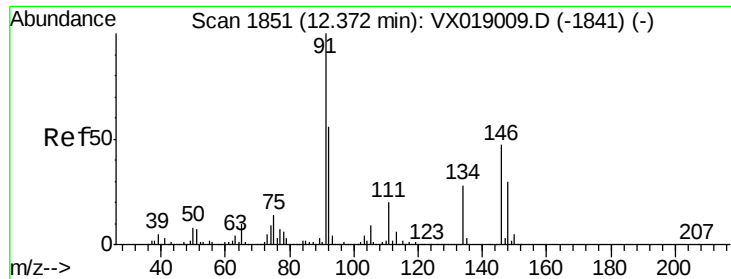
Delta R.T. -0.00 min

Lab File: VX019022.D

Acq: 22 Oct 2020 13:23

Tgt Ion:	146	Resp:	107925
Ion Ratio	Lower	Upper	
146	100		
111	41.2	19.4	58.2
148	63.9	32.2	96.6





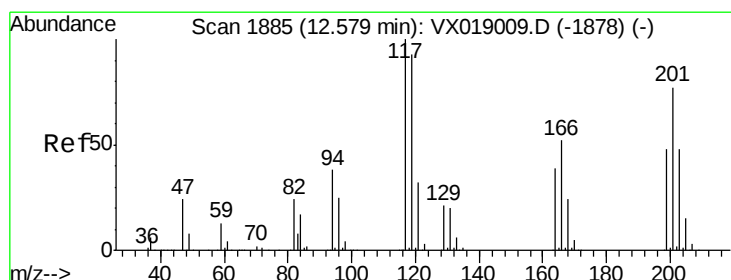
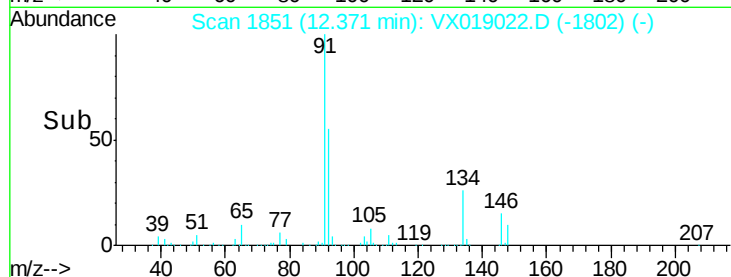
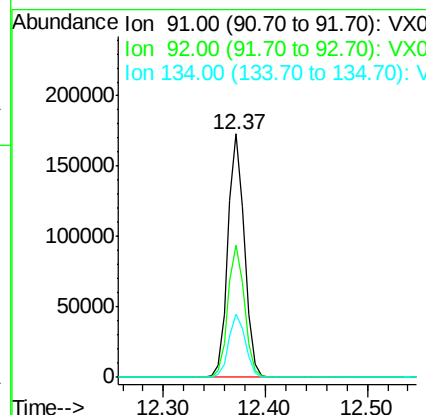
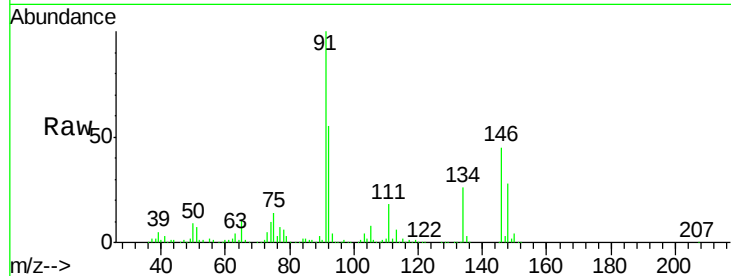
#89
n-Butylbenzene
Concen: 17.931 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	194591		
92	54.5	27.3	81.9	
134	26.2	13.6	40.7	

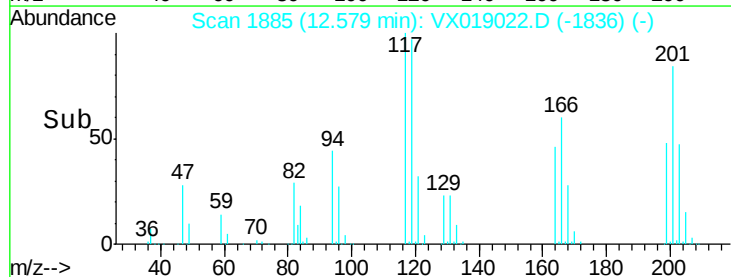
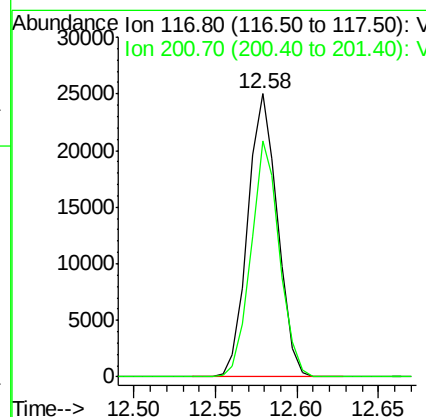
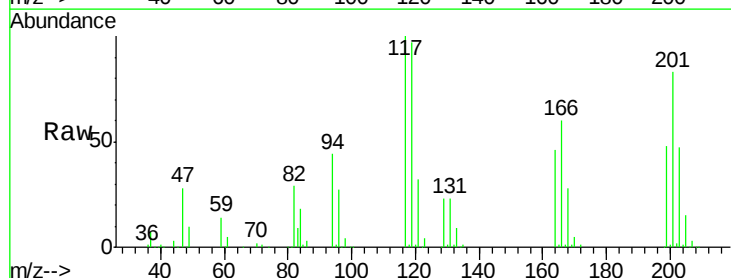
Manual Integrations
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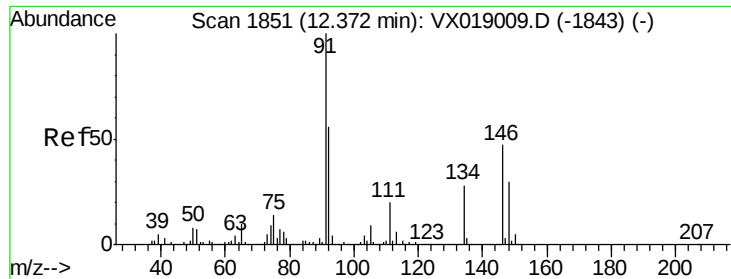
MMDadoda
10/23/2020 11:45:02 AM



#90
Hexachloroethane
Concen: 17.547 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31847		
201	79.7	37.1	111.3	





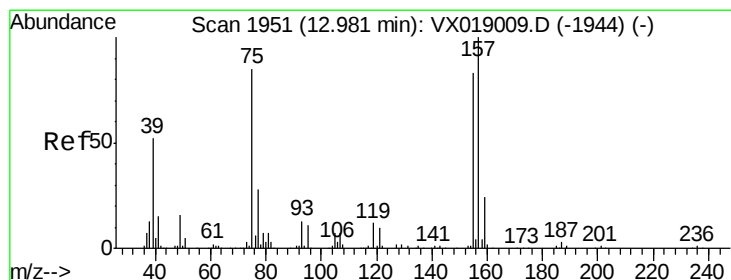
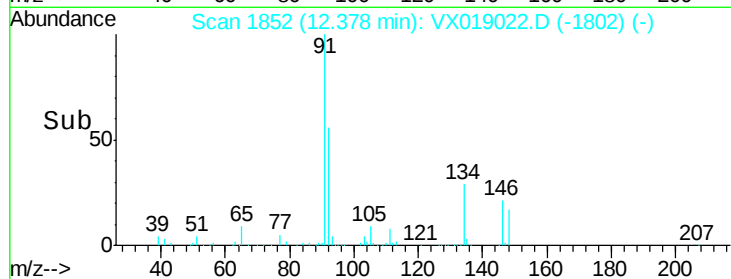
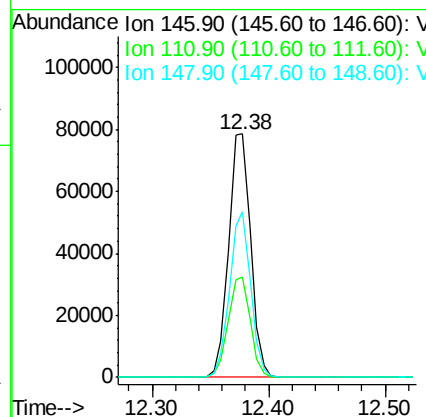
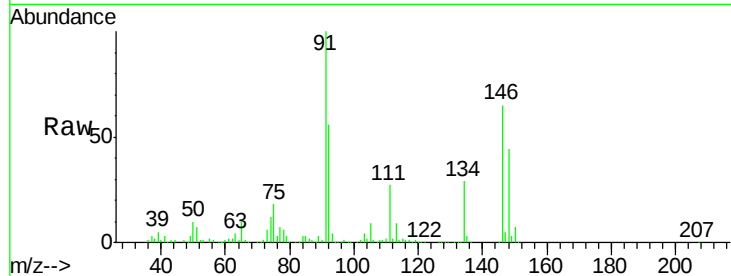
#91
 1,2-Dichlorobenzene
 Concen: 18.099 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019022.D
 Acq: 22 Oct 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.9	59.7
148	64.8	31.4	94.3

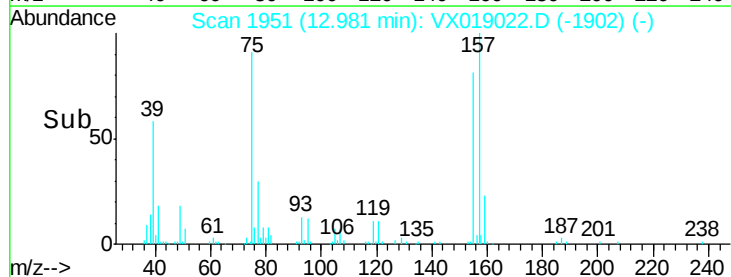
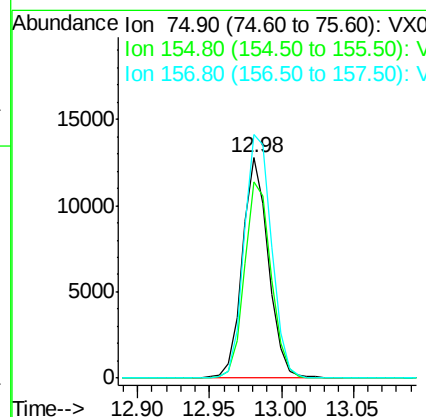
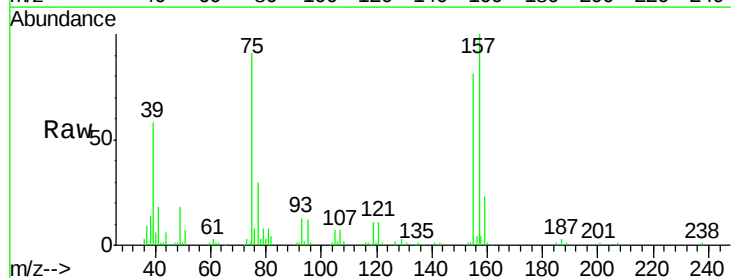
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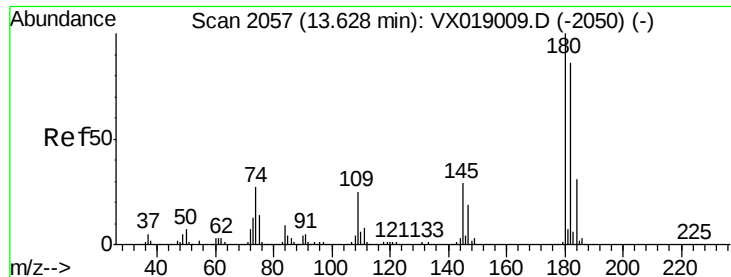
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.780 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019022.D
 Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	47.3	142.0
157	115.1	59.7	179.0





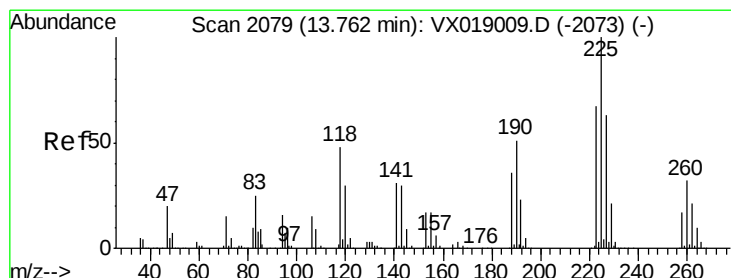
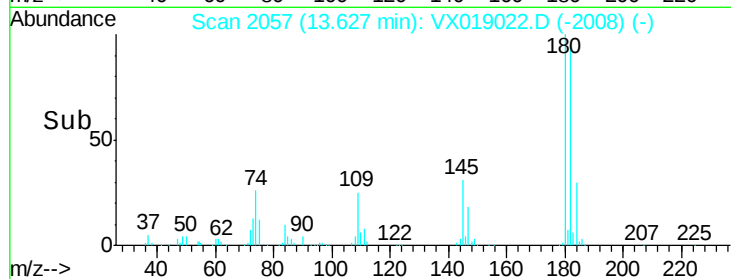
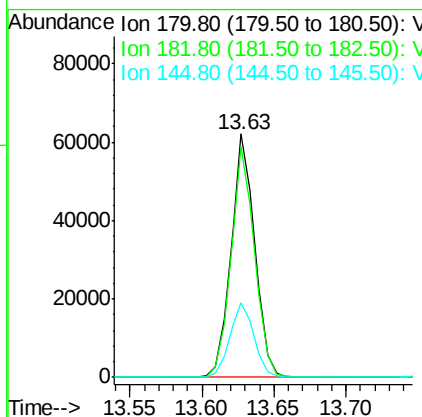
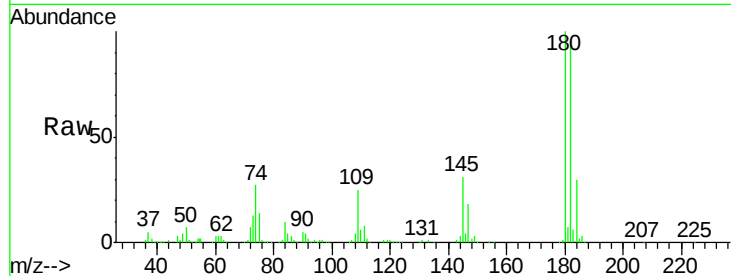
#93
 1,2,4-Trichlorobenzene
 Concen: 17.181 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019022.D
 Acq: 22 Oct 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	71565		
182	94.1	46.4	139.2	
145	31.4	15.2	45.6	

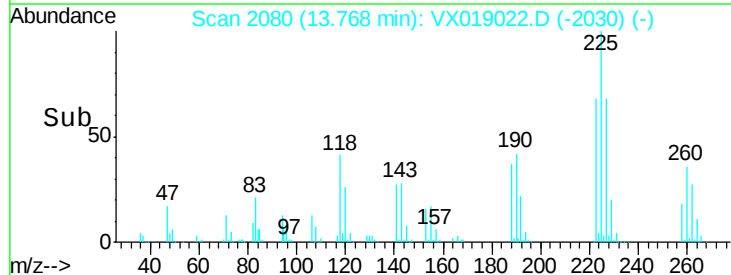
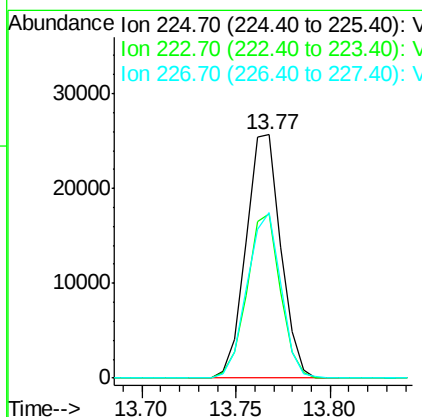
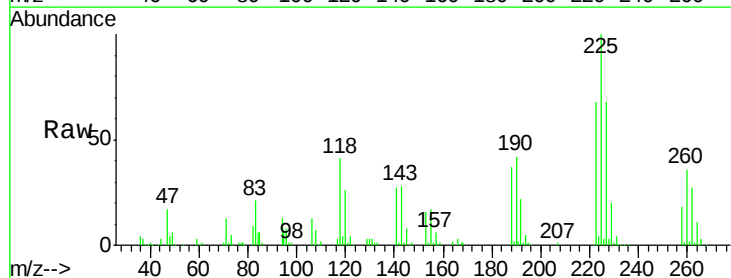
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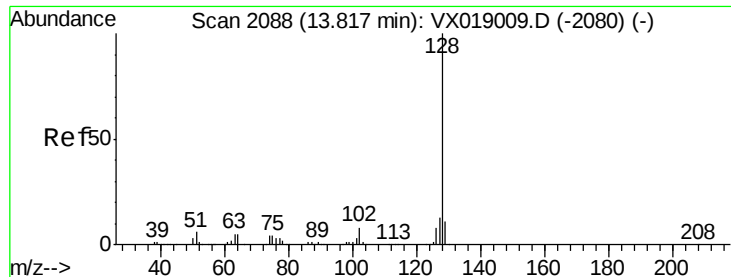
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#94
 Hexachlorobutadiene
 Concen: 17.064 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019022.D
 Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32952		
223	64.9	32.5	97.4	
227	65.7	31.9	95.7	





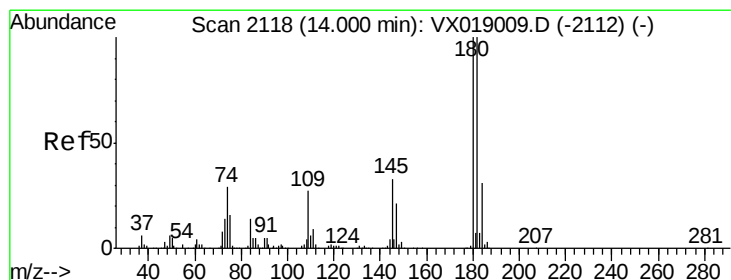
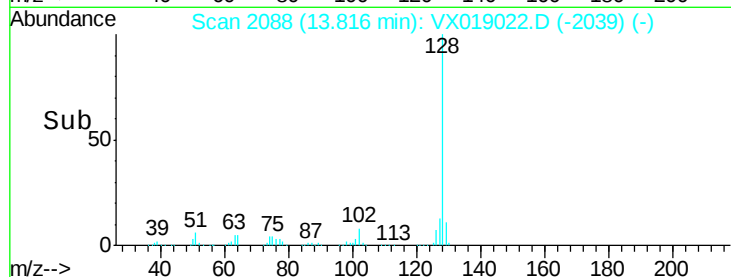
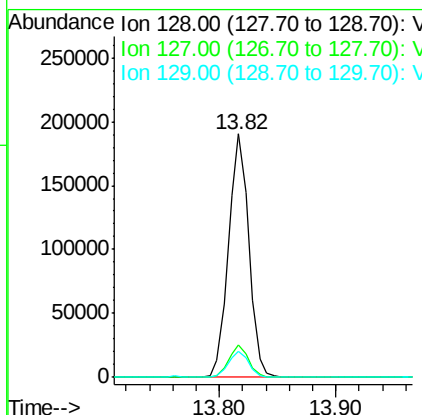
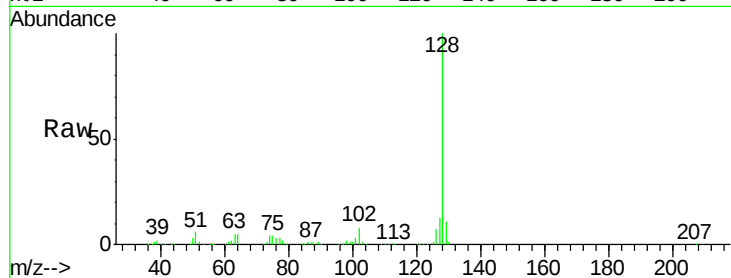
#95
Naphthalene
Concen: 17.629 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 16.847 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019022.D
Acq: 22 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	142.0
145	32.6	15.9	47.6

