

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019569.D
 Acq On : 23 Nov 2020 23:15
 Operator : JC/MD
 Sample : VX1123WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 1:09:41 PM

Quant Time: Nov 24 05:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	477892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	414334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176598	48.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.68%
35) Dibromofluoromethane	5.46	113	142320	47.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.88%
50) Toluene-d8	8.70	98	539524	46.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.56%
62) 4-Bromofluorobenzene	11.12	95	195012	46.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	49786	18.169	ug/l 96
3) Chloromethane	1.31	50	53156	16.905	ug/l 100
4) Vinyl Chloride	1.39	62	60604	17.904	ug/l 99
5) Bromomethane	1.62	94	23665	18.458	ug/l 98
6) Chloroethane	1.69	64	17732	18.868	ug/l 99
7) Trichlorofluoromethane	1.90	101	91008	18.628	ug/l 100
8) Diethyl Ether	2.17	74	37855	19.347	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50450	18.510	ug/l 99
10) Methyl Iodide	2.48	142	65128	18.189	ug/l 100
11) Tert butyl alcohol	3.05	59	70819	102.422	ug/l 99
12) 1,1-Dichloroethene	2.35	96	52188	18.655	ug/l 94
13) Acrolein	2.28	56	32228	69.340	ug/l 97
14) Allyl chloride	2.70	41	76145	17.375	ug/l 98
15) Acrylonitrile	3.12	53	153133	93.908	ug/l 99
16) Acetone	2.43	43	123269	87.245	ug/l 98
17) Carbon Disulfide	2.54	76	125105	16.646	ug/l 99
18) Methyl Acetate	2.75	43	66063	19.462	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	193395	20.027	ug/l 97
20) Methylene Chloride	2.83	84	62886	17.808	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	59140	18.658	ug/l 99
22) Diisopropyl ether	3.82	45	174782	19.278	ug/l 97
23) Vinyl Acetate	3.78	43	736353	96.830	ug/l 99
24) 1,1-Dichloroethane	3.67	63	103979	18.751	ug/l 99
25) 2-Butanone	4.64	43	194818	91.789	ug/l 100
26) 2,2-Dichloropropane	4.54	77	76443	15.793	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	71766	19.711	ug/l 99
28) Bromochloromethane	4.98	49	48712	18.373	ug/l 98
29) Tetrahydrofuran	5.09	42	126178	93.174	ug/l 99
30) Chloroform	5.17	83	111436	19.218	ug/l 97
31) Cyclohexane	5.54	56	87179	18.346	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	95013	19.075	ug/l 99
36) 1,1-Dichloropropene	5.76	75	80434	17.953	ug/l 99
37) Ethyl Acetate	4.80	43	79293	18.852	ug/l 100
38) Carbon Tetrachloride	5.74	117	79411	18.312	ug/l 96

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Manual Integrations
 APPROVED

MMDadoda
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Quant Time: Nov 24 05:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	89146	17.089	ug/l	98
40) Benzene	6.11	78	250527	18.200	ug/l	99
41) Methacrylonitrile	5.00	41	42031	18.122	ug/l	97
42) 1,2-Dichloroethane	6.16	62	88775	18.815	ug/l	100
43) Isopropyl Acetate	6.41	43	127385	18.017	ug/l	99
44) Trichloroethene	7.18	130	74852	20.759	ug/l	98
45) 1,2-Dichloropropane	7.49	63	62106	18.327	ug/l	99
46) Dibromomethane	7.63	93	43867	18.913	ug/l	98
47) Bromodichloromethane	7.87	83	83351	18.520	ug/l	99
48) Methyl methacrylate	7.74	41	61039	18.434	ug/l	97
49) 1,4-Dioxane	7.72	88	29538	392.884	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	384490	93.257	ug/l	100
52) Toluene	8.76	92	156700	18.608	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	87442	17.990	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	98282	18.220	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	64251	18.734	ug/l	99
56) Ethyl methacrylate	9.16	69	91261	18.805	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107658	18.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	246100	86.546	ug/l	98
59) 2-Hexanone	9.48	43	289593	92.613	ug/l	99
60) Dibromochloromethane	9.56	129	62010	18.459	ug/l	100
61) 1,2-Dibromoethane	9.65	107	65993	18.668	ug/l	98
64) Tetrachloroethene	9.32	164	56719	17.415	ug/l	92
65) Chlorobenzene	10.12	112	160541	18.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	59791	19.296	ug/l	99
67) Ethyl Benzene	10.23	91	288120	19.306	ug/l	100
68) m/p-Xylenes	10.34	106	212878	38.288	ug/l	99
69) o-Xylene	10.68	106	103705	19.512	ug/l	99
70) Styrene	10.70	104	171352	18.489	ug/l	99
71) Bromoform	10.84	173	43268	18.899	ug/l #	96
73) Isopropylbenzene	11.00	105	276107	20.198	ug/l	99
74) N-amyl acetate	10.88	43	103311	20.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96142	19.667	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86050m	19.954	ug/l	
77) Bromobenzene	11.24	156	69524	19.922	ug/l	98
78) n-propylbenzene	11.34	91	302432	19.285	ug/l	100
79) 2-Chlorotoluene	11.40	91	188594	19.829	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	229258	19.992	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	25930	19.098	ug/l	94
82) 4-Chlorotoluene	11.49	91	217633	19.438	ug/l	100
83) tert-Butylbenzene	11.76	119	226789	20.442	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	232613	20.048	ug/l	99
85) sec-Butylbenzene	11.93	105	247221	18.731	ug/l	99
86) p-Isopropyltoluene	12.05	119	229929	19.187	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	121593	18.972	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	123485	18.705	ug/l	99
89) n-Butylbenzene	12.37	91	188003	17.354	ug/l	98
90) Hexachloroethane	12.58	117	37573	18.738	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	125581	19.509	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19466	19.518	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

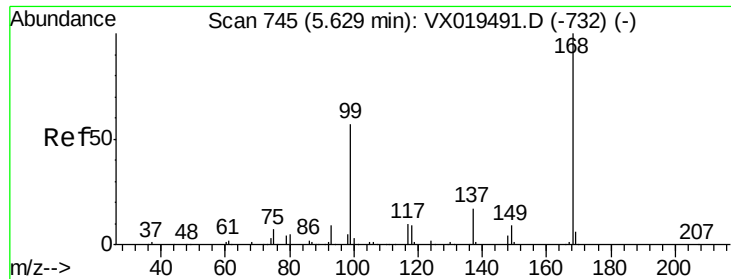
Manual Integrations
APPROVED

MMDadoda
11/24/2020 1:09:41 PM

Quant Time: Nov 24 05:08:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75428	18.252	ug/l	99
94) Hexachlorobutadiene	13.76	225	32676	17.357	ug/l	94
95) Naphthalene	13.82	128	258817	19.161	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76826	18.585	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: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion:168 Resp: 281785

Ion Ratio Lower Upper

168 100

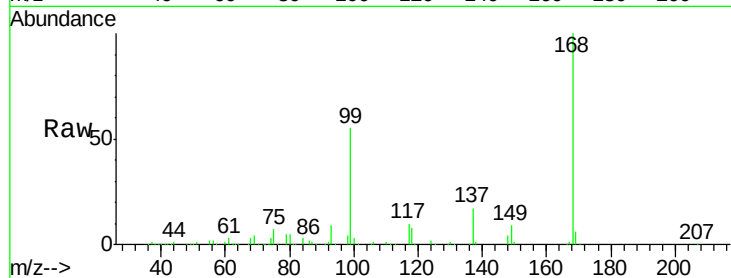
99 54.8 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

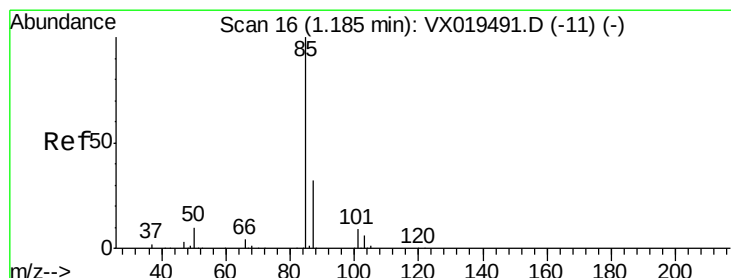
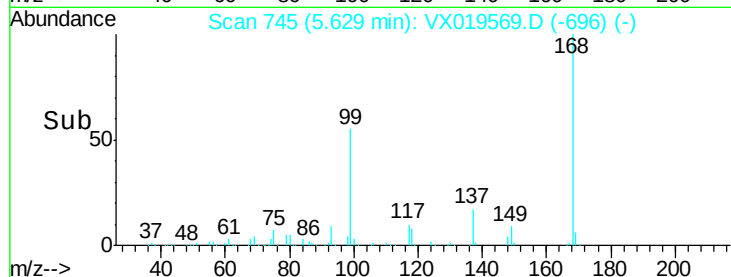
0

5.50

5.63

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.169 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019569.D

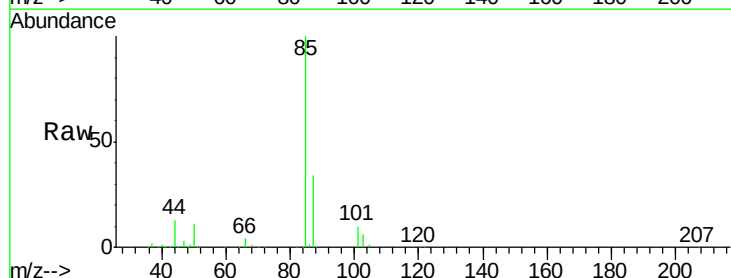
Acq: 23 Nov 2020 23:15

Tgt Ion: 85 Resp: 49786

Ion Ratio Lower Upper

85 100

87 34.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

20000

10000

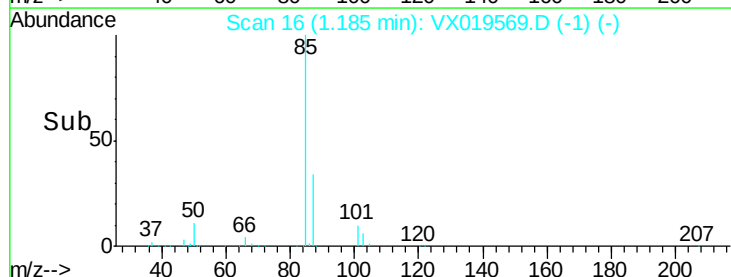
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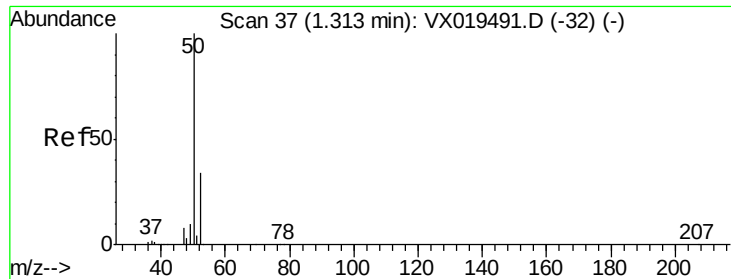
1.15

1.18

1.25

Time-->





#3

Chloromethane

Concen: 16.905 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion: 50 Resp: 53156

Ion Ratio Lower Upper

50 100

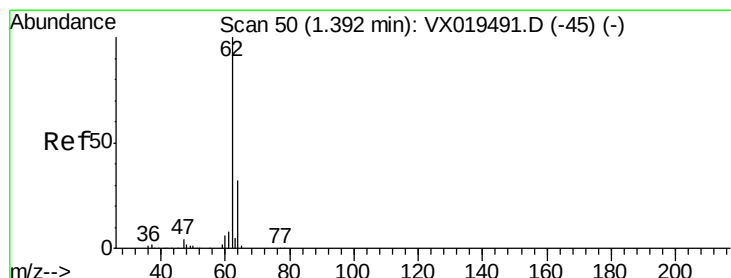
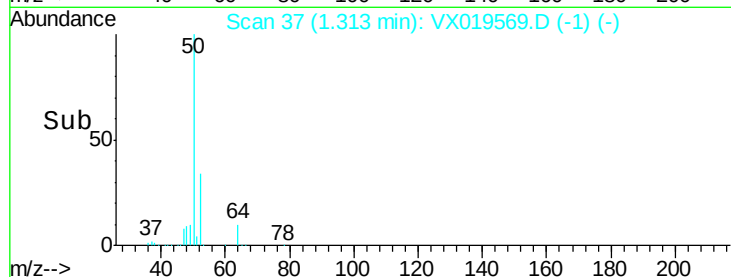
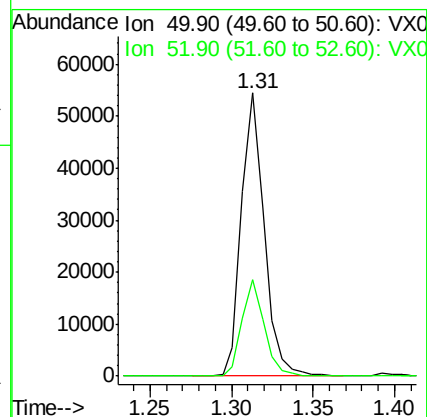
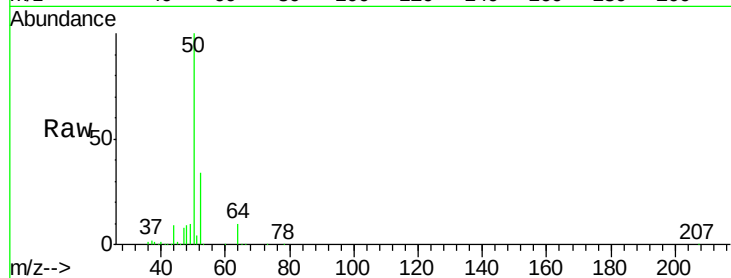
52 34.0 27.0 40.6

Manual Integrations

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11/24/2020 1:09:41 PM



#4

Vinyl Chloride

Concen: 17.904 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019569.D

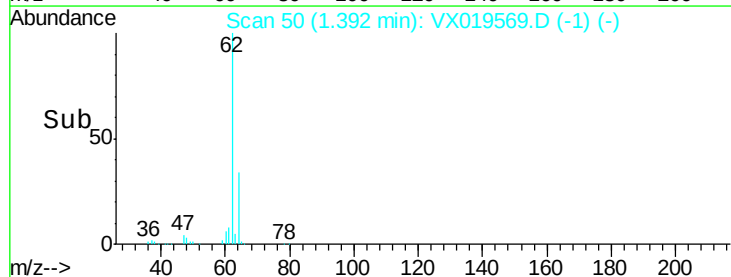
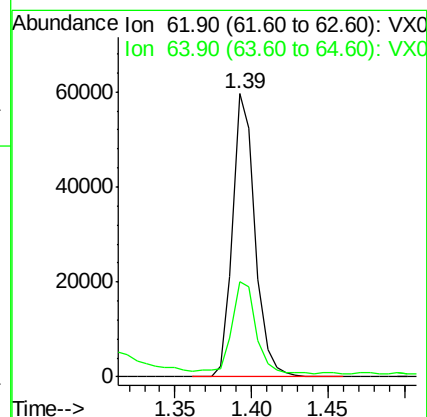
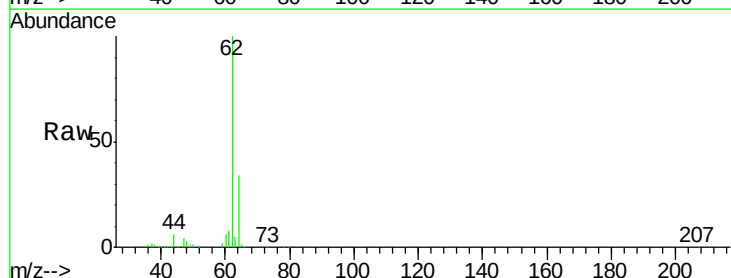
Acq: 23 Nov 2020 23:15

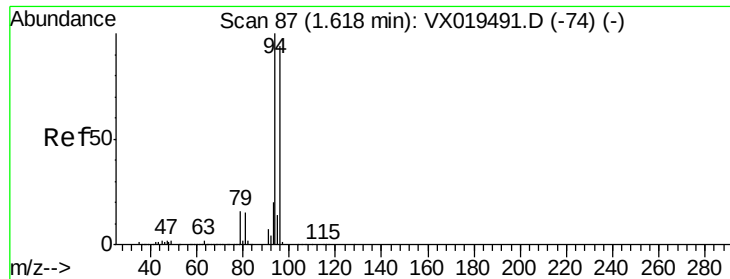
Tgt Ion: 62 Resp: 60604

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.2





#5

Bromomethane

Concen: 18.458 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion: 94 Resp: 23665

Ion Ratio Lower Upper

94 100

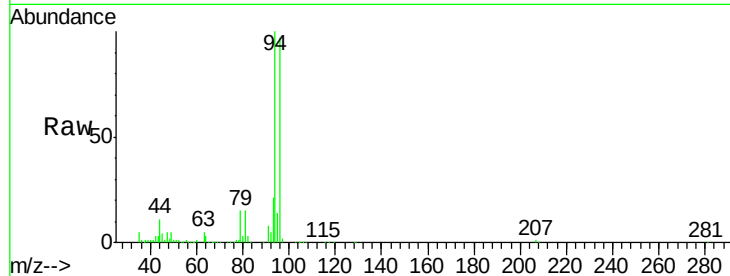
96 96.9 75.6 113.4

Manual Integrations

APPROVED

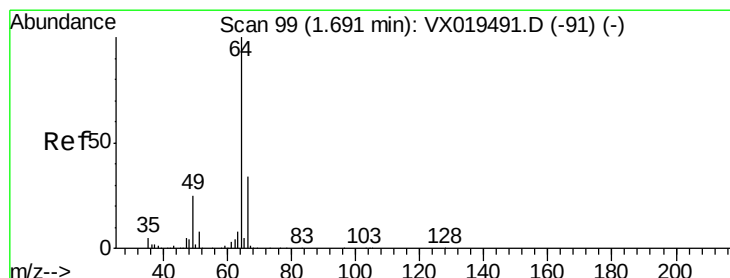
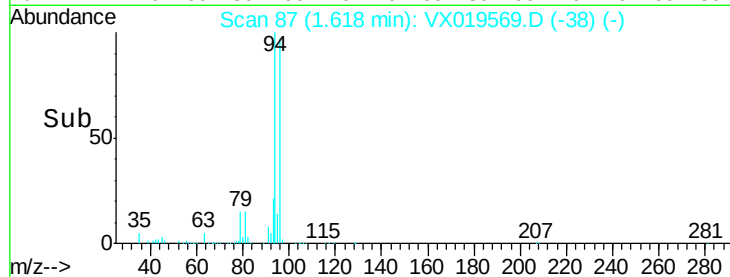
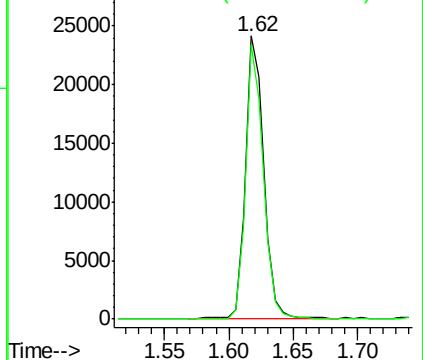
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.868 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019569.D

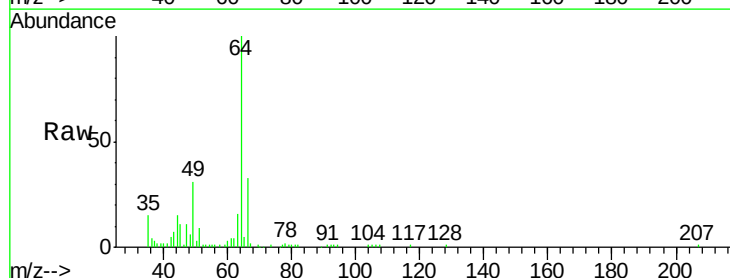
Acq: 23 Nov 2020 23:15

Tgt Ion: 64 Resp: 17732

Ion Ratio Lower Upper

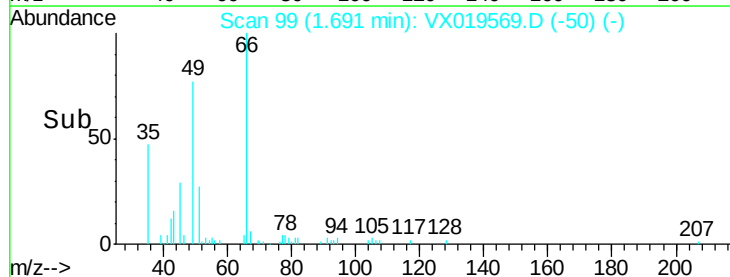
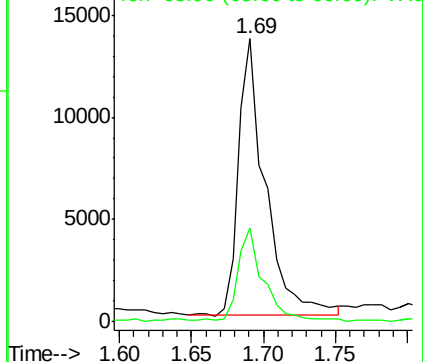
64 100

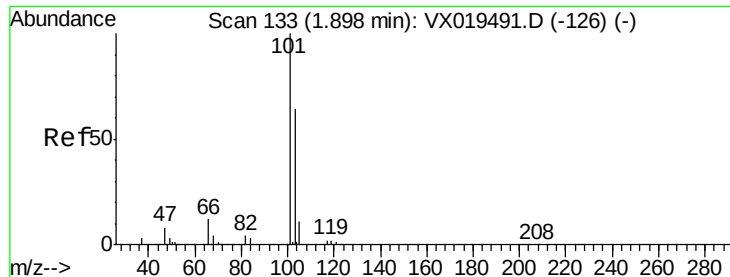
66 33.4 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

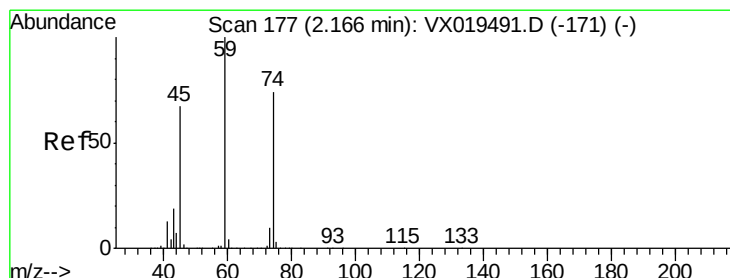
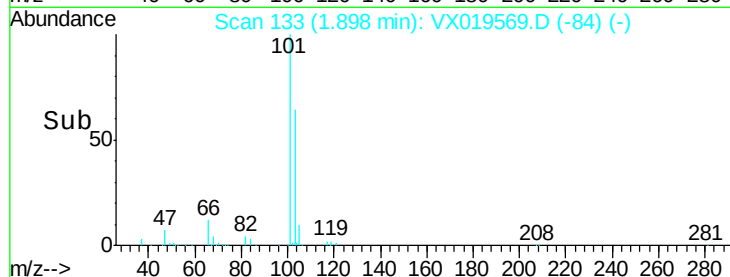
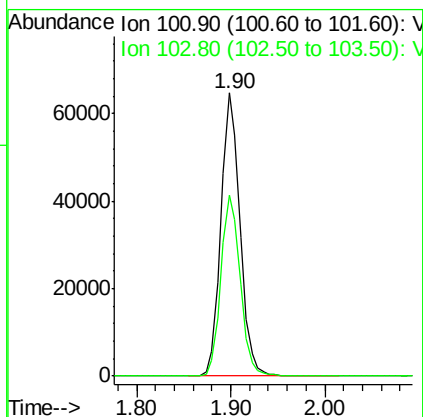
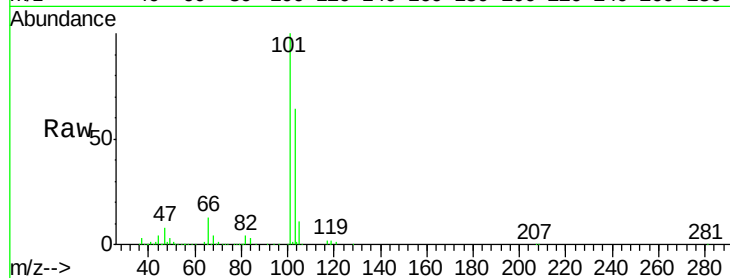
Trichlorofluoromethane
Concen: 18.628 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

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ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.9	76.3

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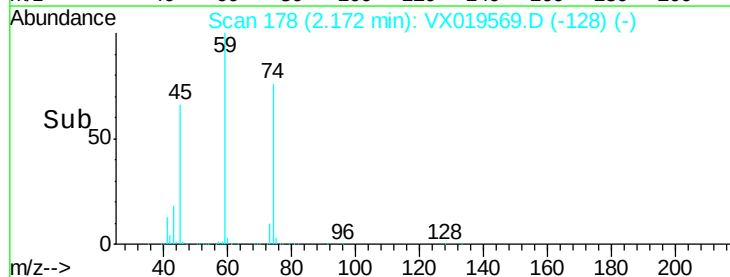
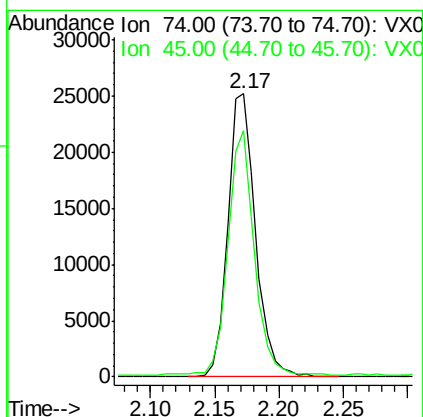
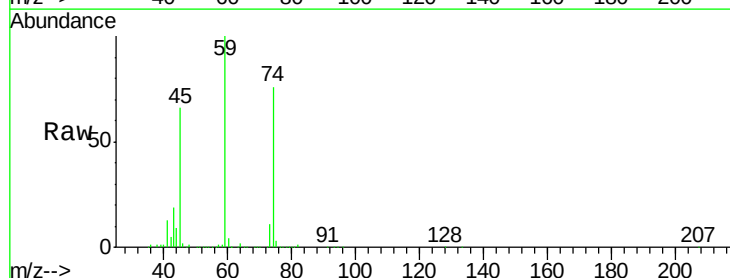
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11/24/2020 1:09:41 PM

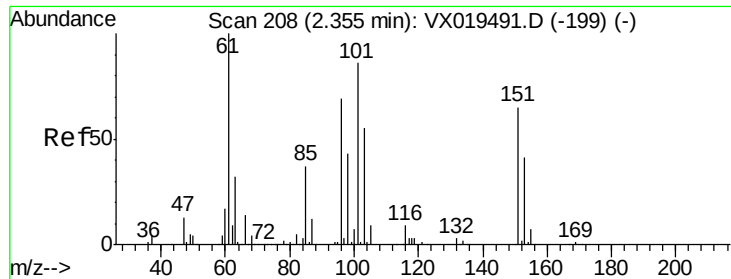


#8

Diethyl Ether
Concen: 19.347 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.5	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.510 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

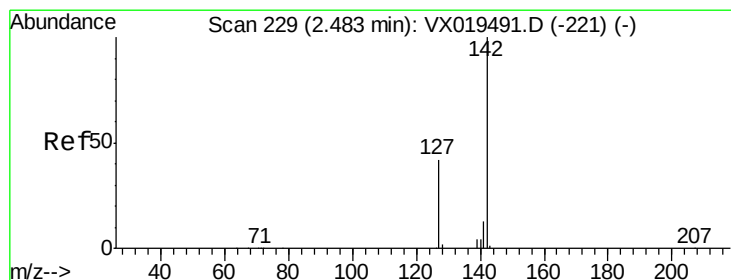
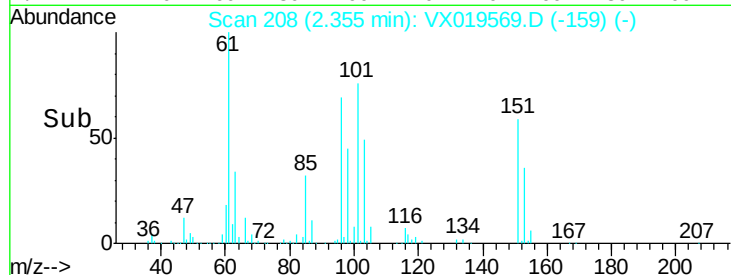
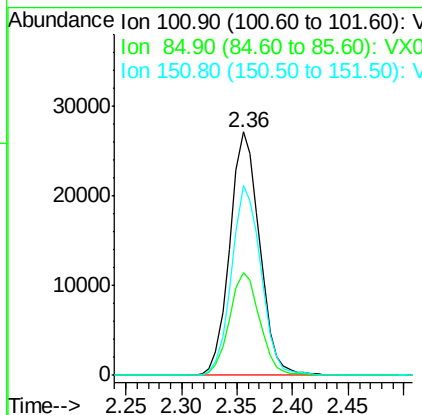
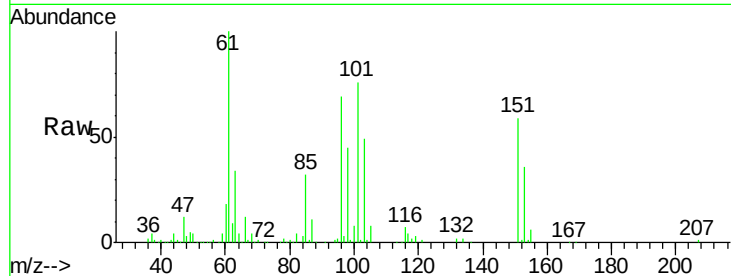
ClientSampleId :

VX1123WBSD02

Tot Ion:	101	Resp:	50450
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.9	50.9
151	77.5	60.9	91.3

Manual Integrations
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#10

Methyl Iodide

Concen: 18.189 ug/l

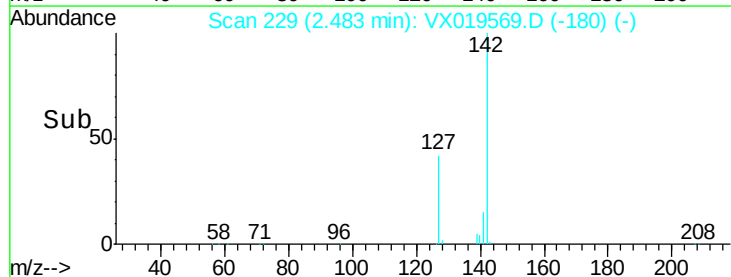
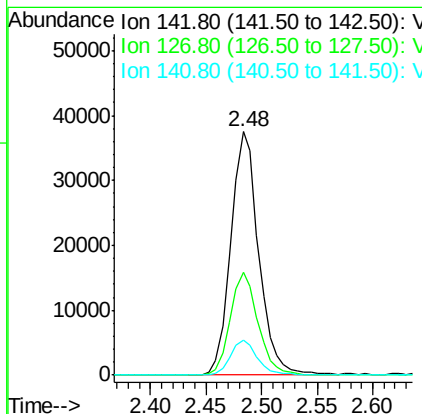
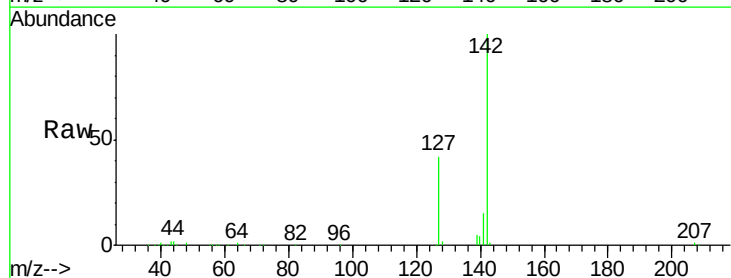
RT: 2.48 min Scan# 229

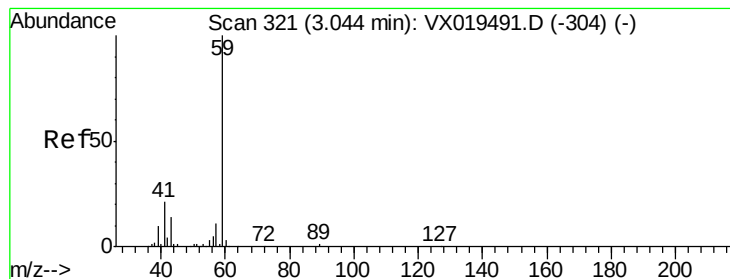
Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion:	142	Resp:	65128
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.8	50.6
141	13.9	11.0	16.6





#11

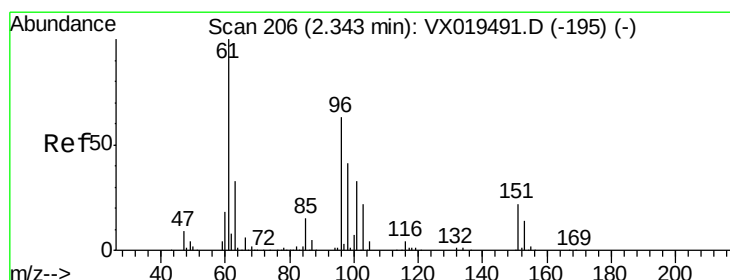
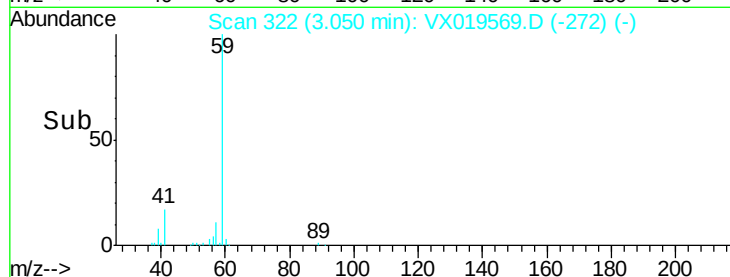
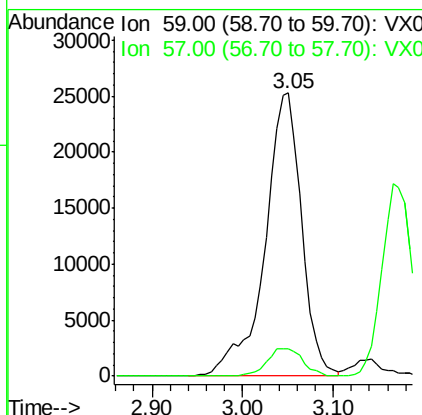
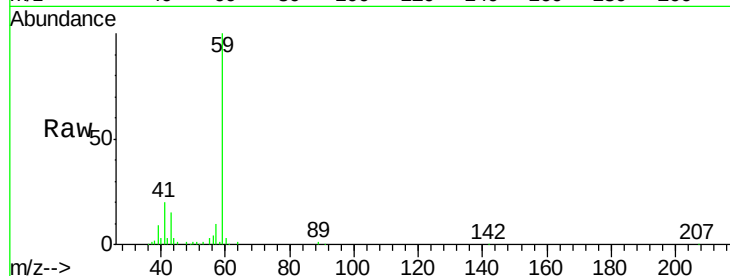
Tert butyl alcohol
 Concen: 102.422 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	70819		
57	57	9.6		7.9	11.9

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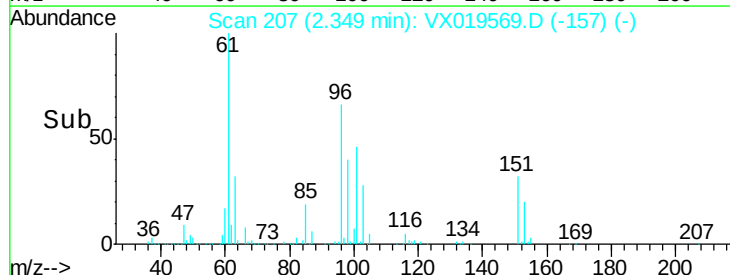
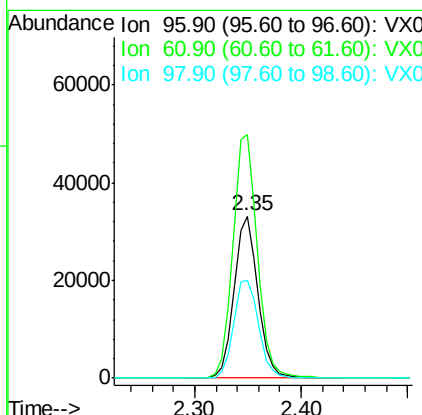
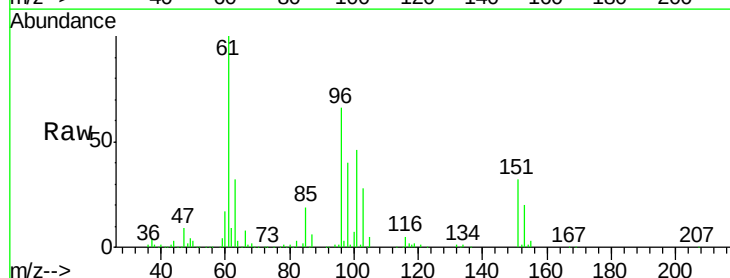
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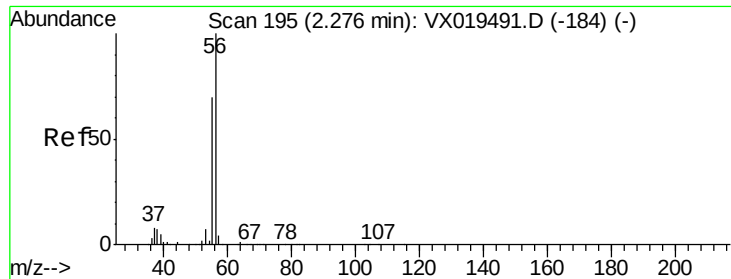


#12

1,1-Dichloroethene
 Concen: 18.655 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	52188		
61	61	150.4		126.0	189.0
98	98	60.2		52.0	78.0





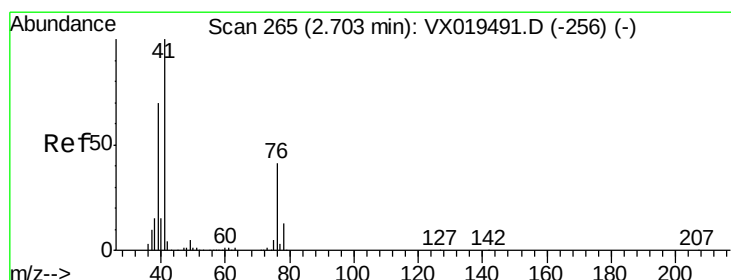
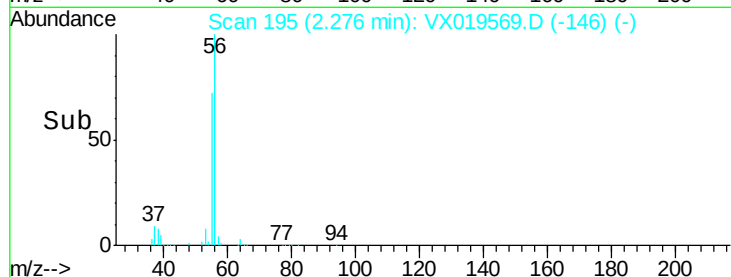
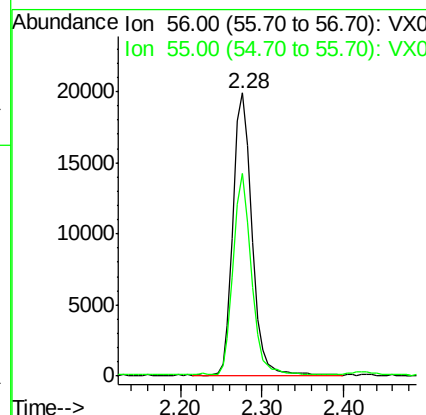
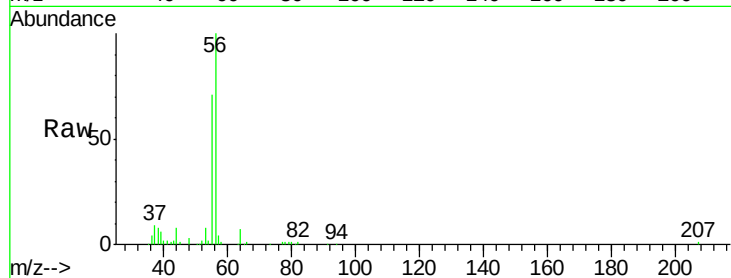
#13
Acrolein
Concen: 69.340 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	56	Resp	32228
Ion Ratio	100	Lower	Upper
55	67.2	55.5	83.3

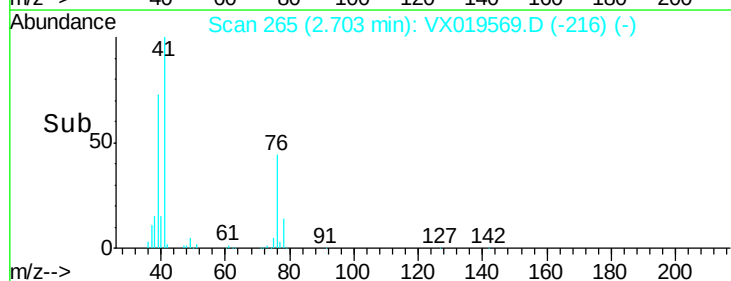
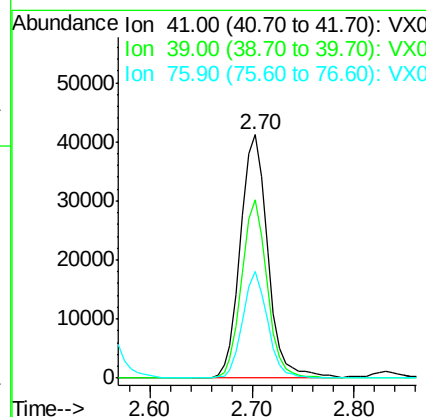
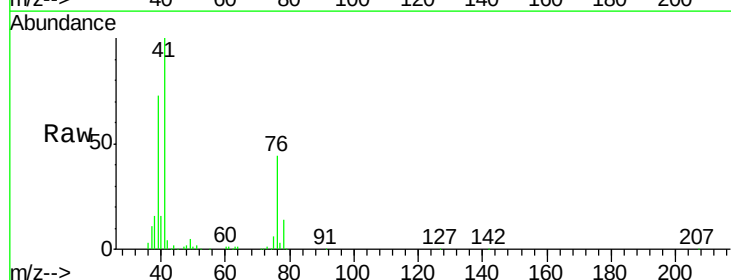
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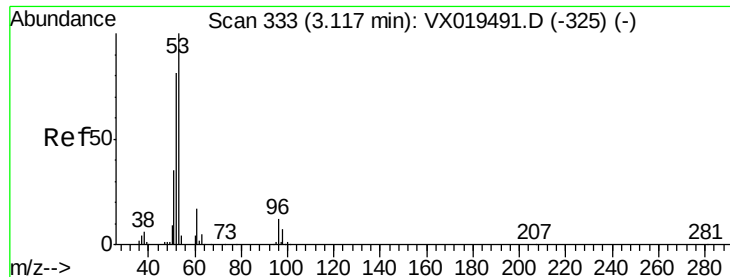
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#14
Allyl chloride
Concen: 17.375 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	41	Resp	76145
Ion Ratio	100	Lower	Upper
39	68.0	53.0	79.4
76	40.2	31.0	46.6





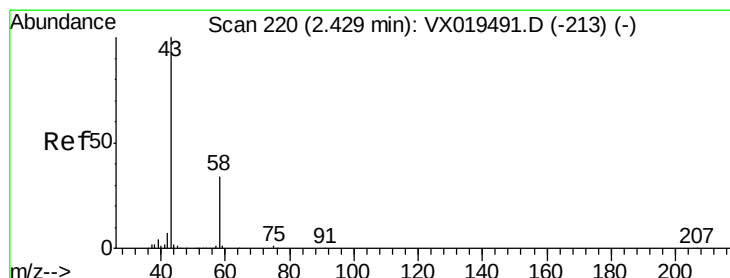
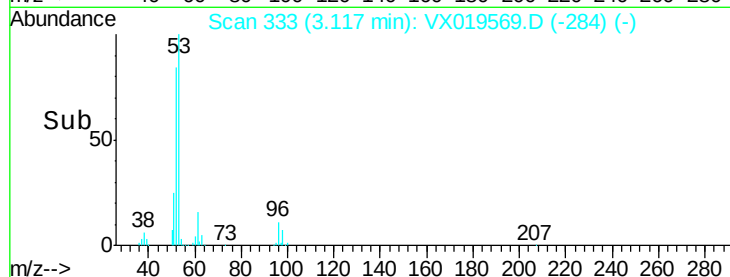
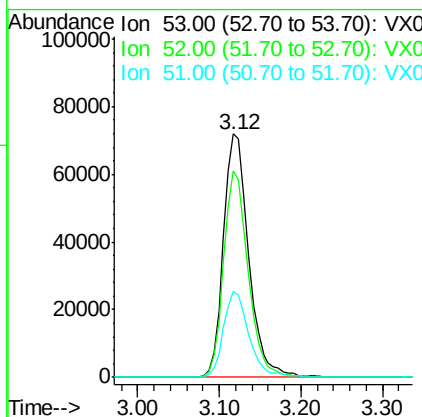
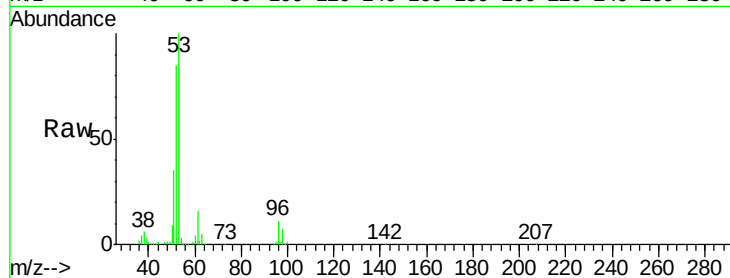
#15
 Acrylonitrile
 Concen: 93.908 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Tot Ion:	53	Resp:	153133
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.2	99.2
51	35.6	28.5	42.7

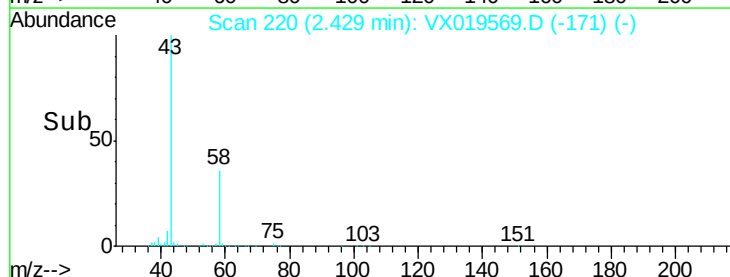
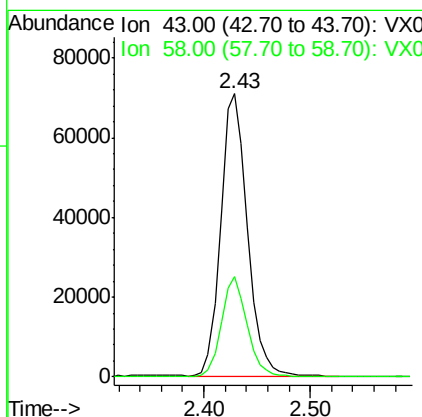
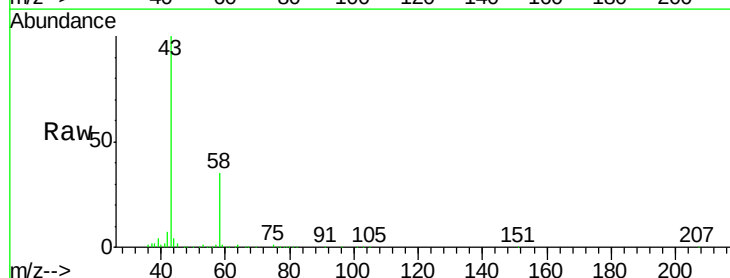
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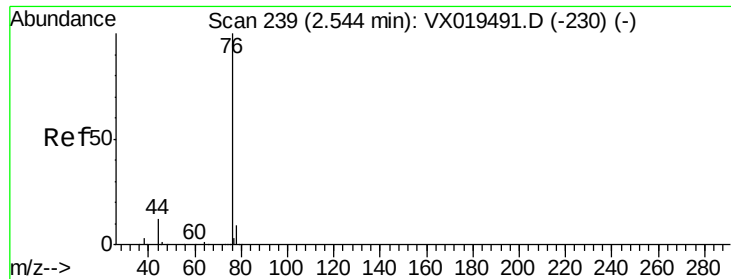
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#16
 Acetone
 Concen: 87.245 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion:	43	Resp:	123269
Ion Ratio	Lower	Upper	
43	100		
58	35.5	27.4	41.2





#17

Carbon Disulfide

Concen: 16.646 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion: 76 Resp: 125105

Ion Ratio Lower Upper

76 100

78 9.2

7.2

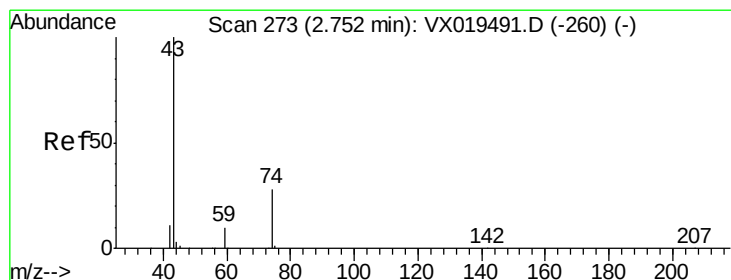
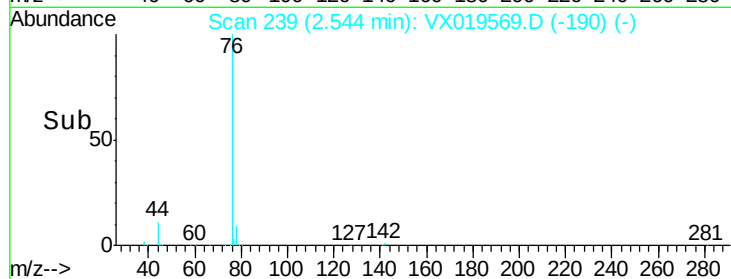
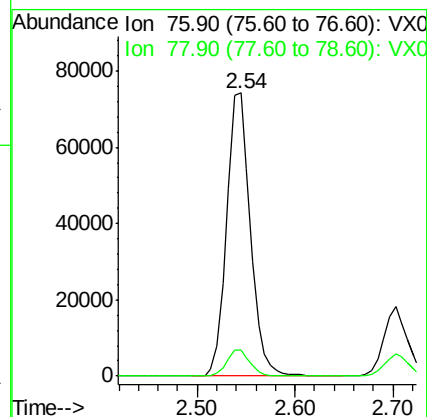
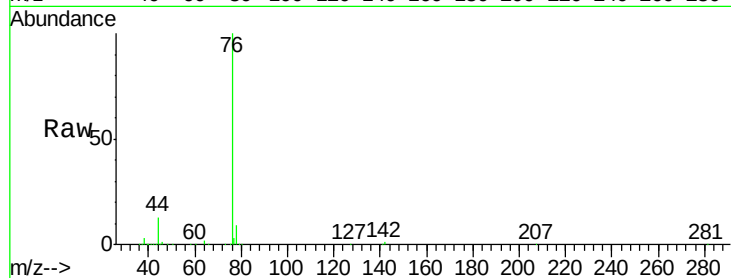
10.8

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#18

Methyl Acetate

Concen: 19.462 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion: 43 Resp: 66063

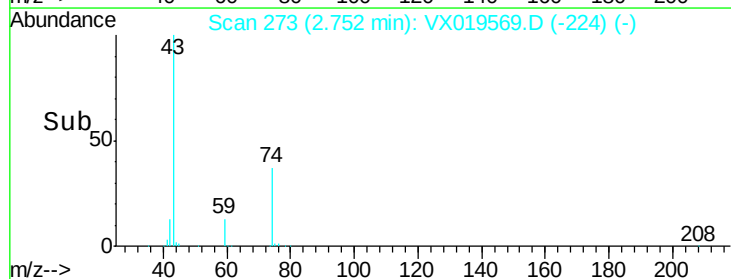
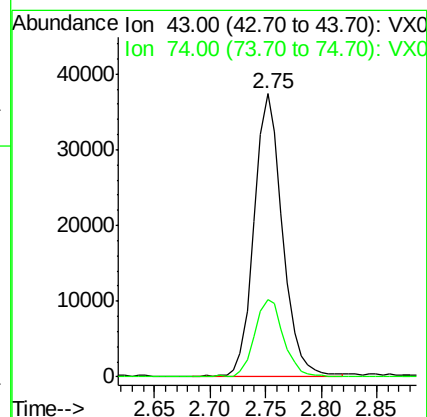
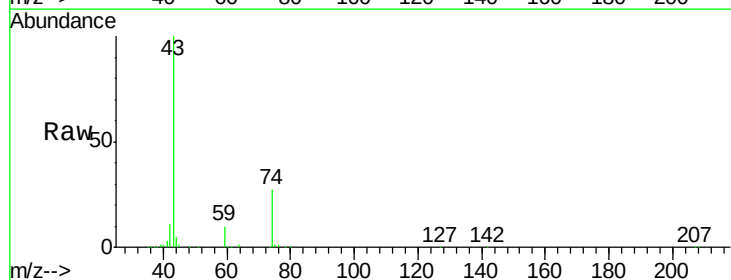
Ion Ratio Lower Upper

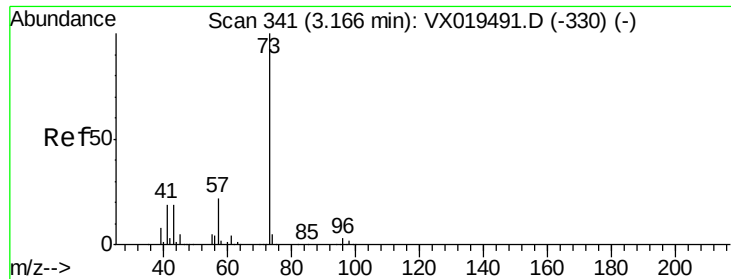
43 100

74 28.7

22.2

33.4





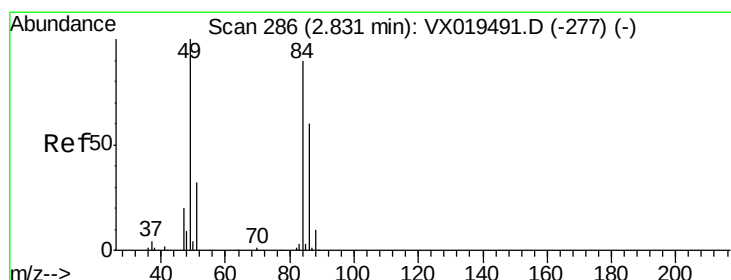
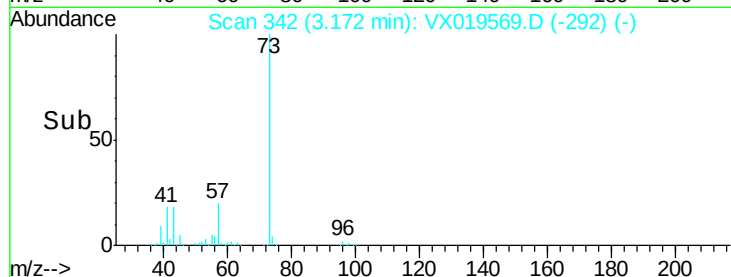
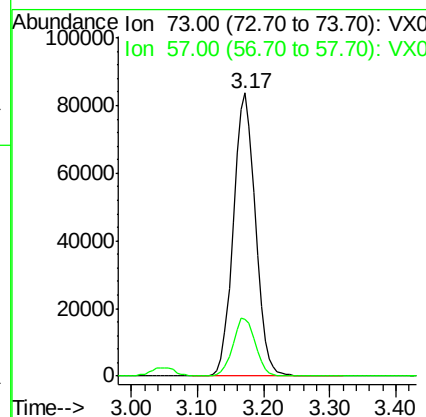
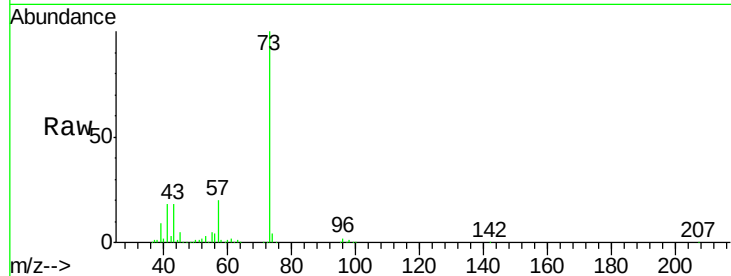
#19
Methyl tert-butyl Ether
Concen: 20.027 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.3	25.9

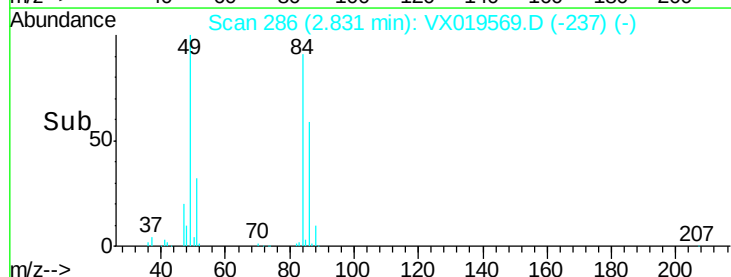
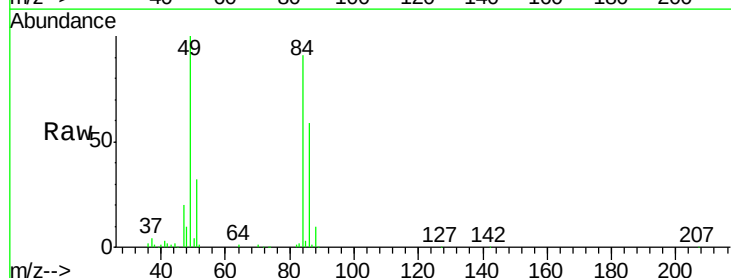
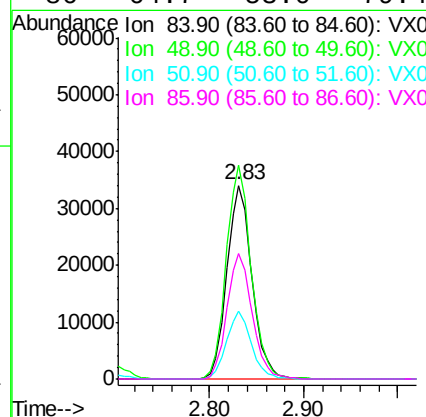
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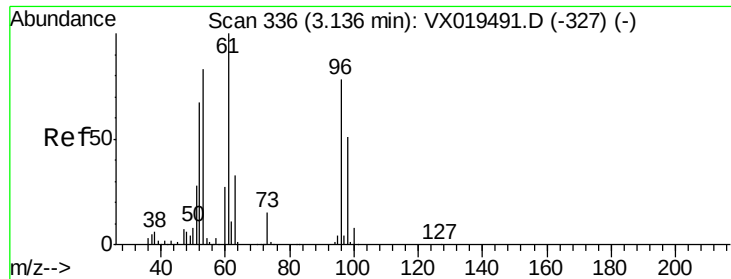
MMDadoda
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#20
Methylene Chloride
Concen: 17.808 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.1	88.5	132.7
51	35.3	28.0	42.0
86	64.7	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 18.658 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

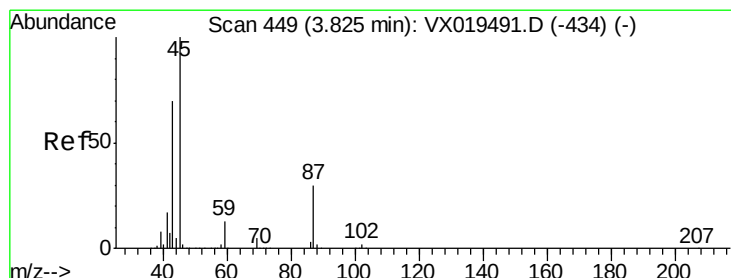
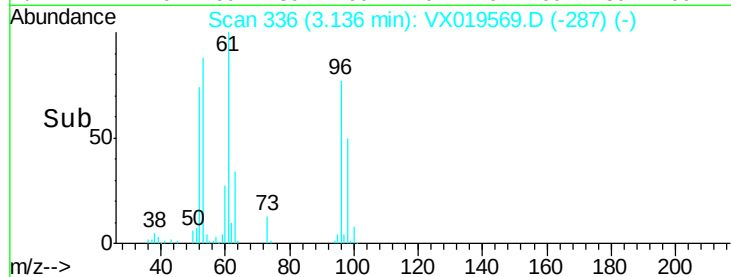
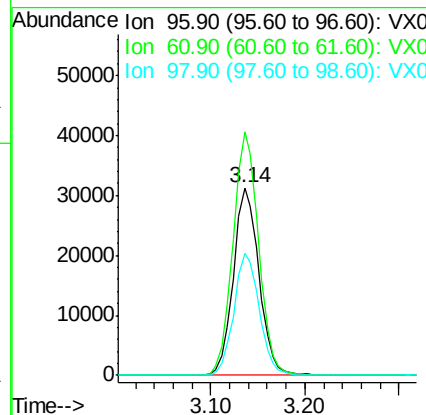
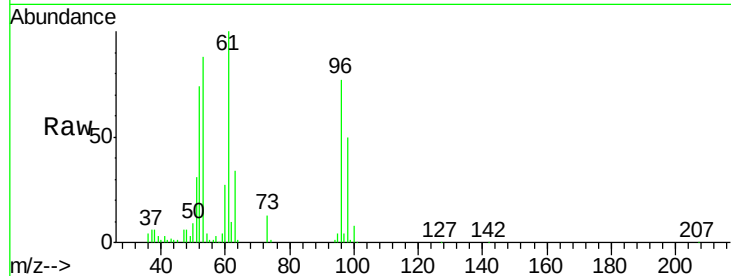
ClientSampleId :

VX1123WBSD02

Tot Ion:	96	Resp:	59140
Ion	Ratio	Lower	Upper
96	100		
61	129.6	102.9	154.3
98	64.8	52.1	78.1

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#22

Diisopropyl ether

Concen: 19.278 ug/l

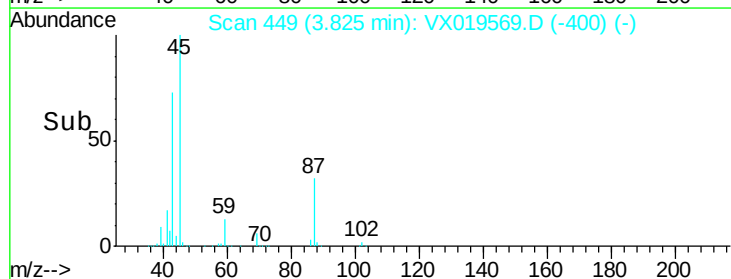
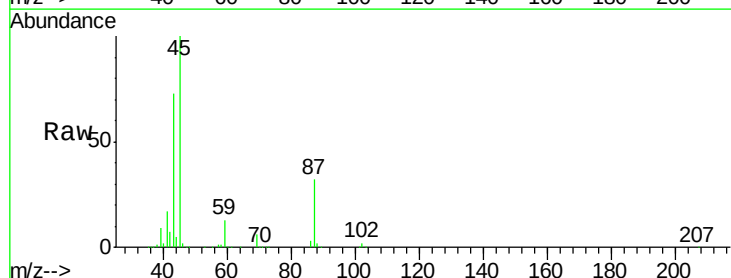
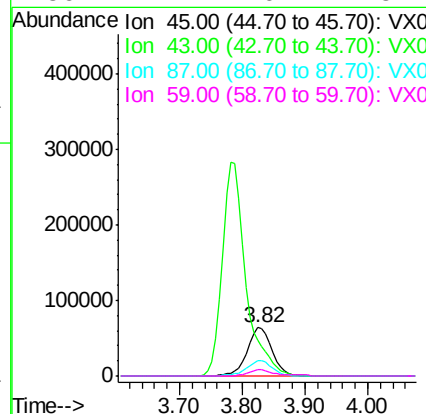
RT: 3.82 min Scan# 449

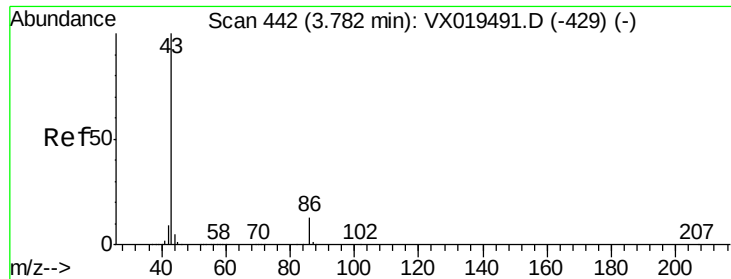
Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion:	45	Resp:	174782
Ion	Ratio	Lower	Upper
45	100		
43	73.1	56.1	84.1
87	32.1	24.2	36.2
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 96.830 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion: 43 Resp: 736353

Ion Ratio Lower Upper

43 100

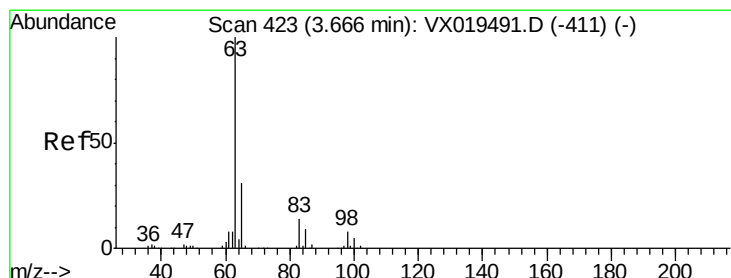
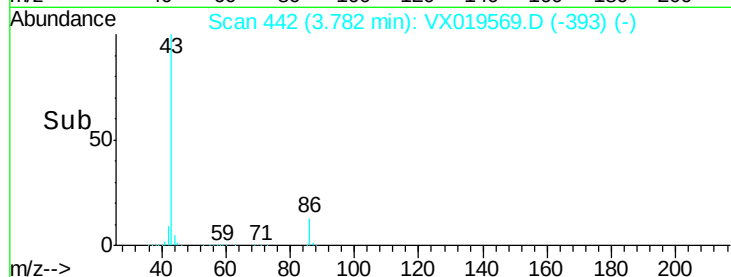
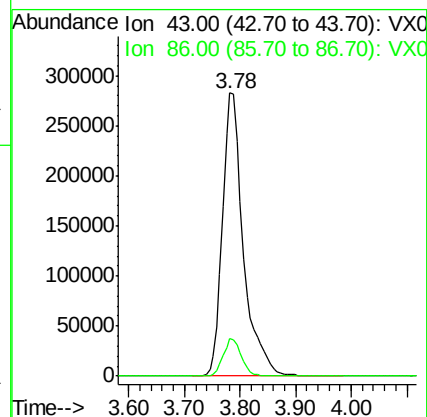
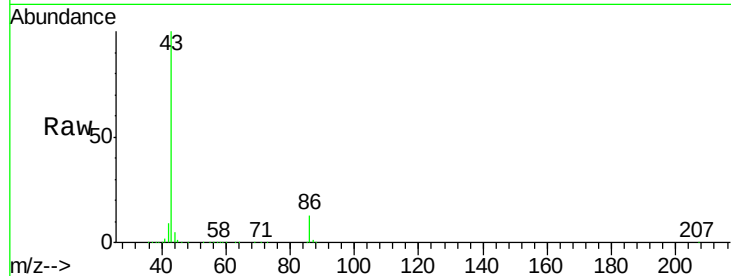
86 13.2 10.2 15.2

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#24

1,1-Dichloroethane

Concen: 18.751 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

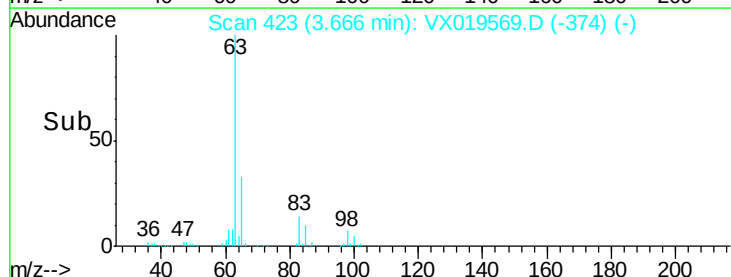
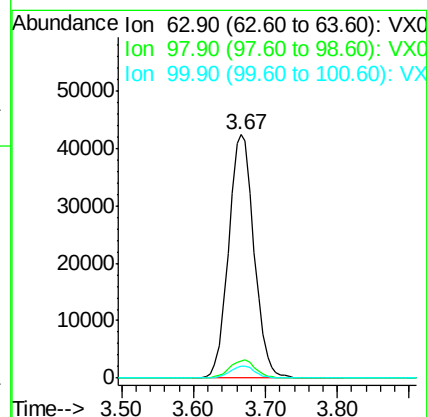
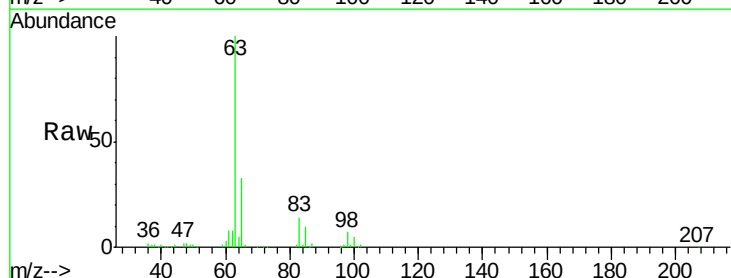
Tgt Ion: 63 Resp: 103979

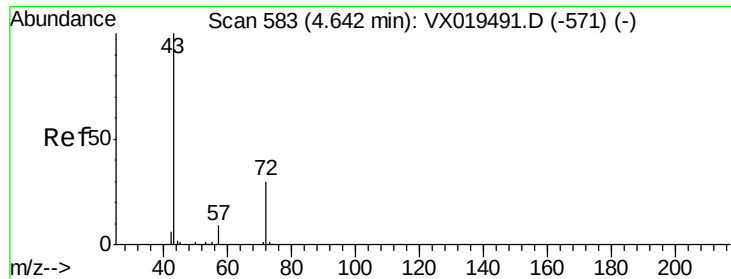
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 91.789 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion: 43 Resp: 194818

Ion Ratio Lower Upper

43 100

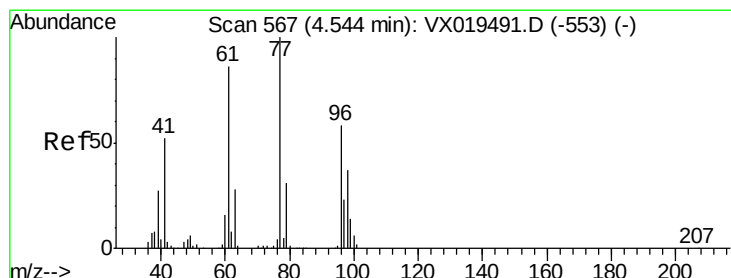
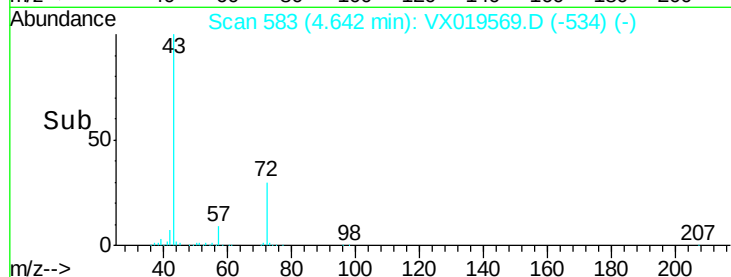
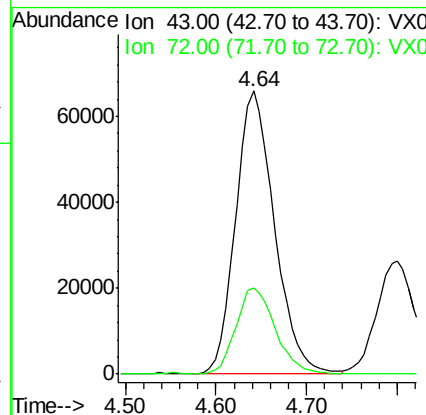
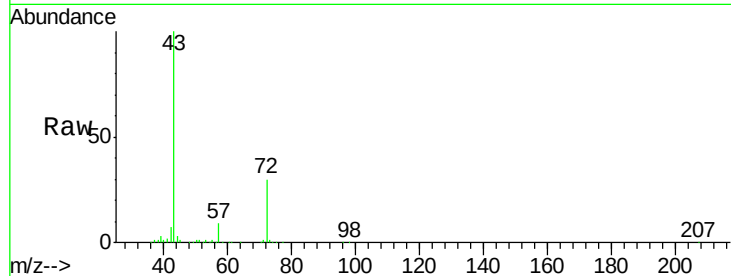
72 30.2 24.0 36.0

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#26

2,2-Dichloropropane

Concen: 15.793 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019569.D

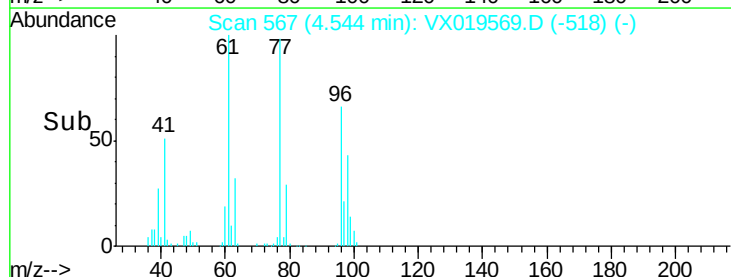
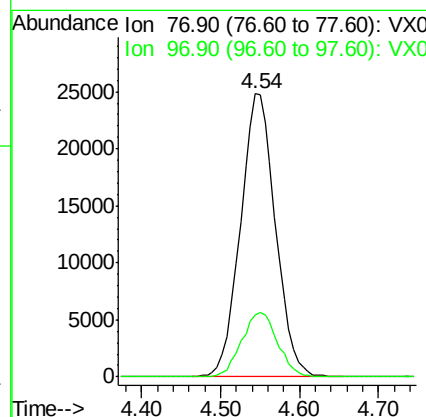
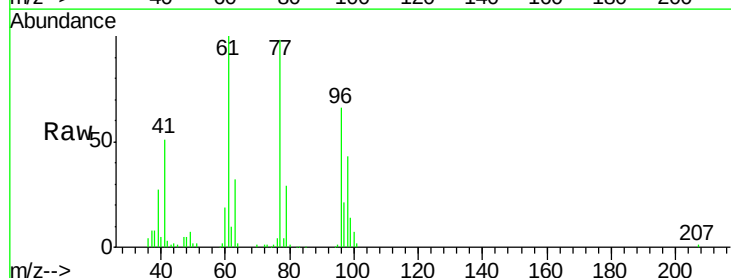
Acq: 23 Nov 2020 23:15

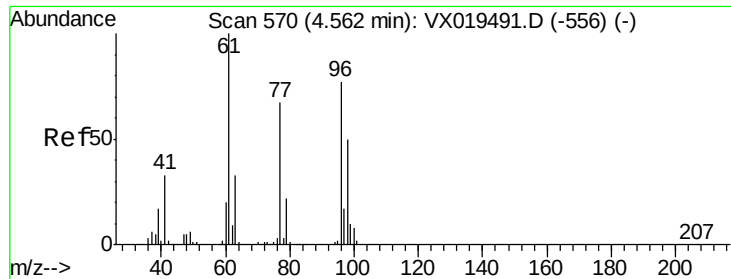
Tgt Ion: 77 Resp: 76443

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





#27

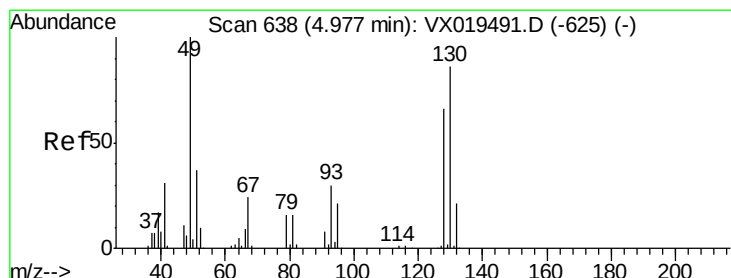
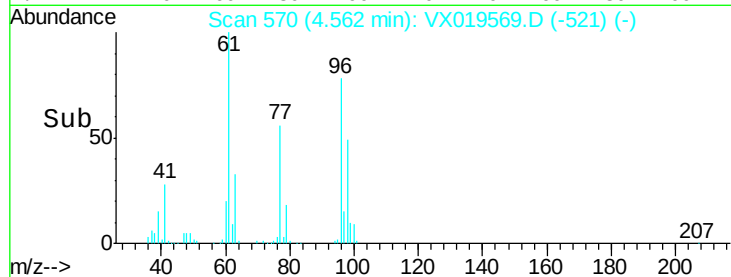
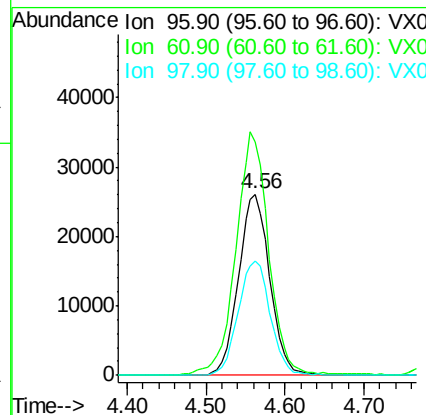
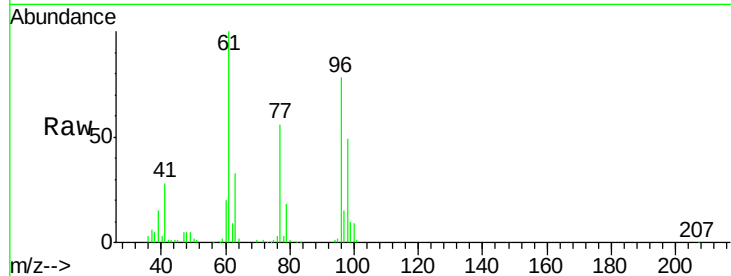
cis-1,2-Dichloroethene
Concen: 19.711 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	279.2
98	65.0	0.0	129.8

Manual Integrations
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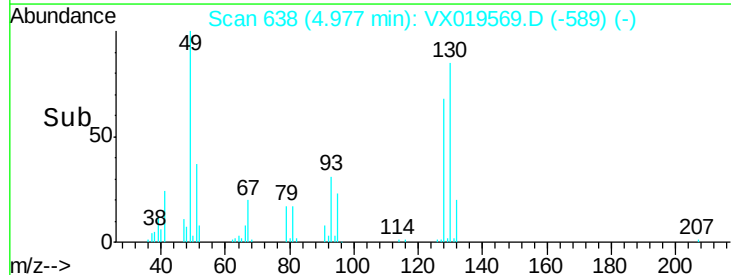
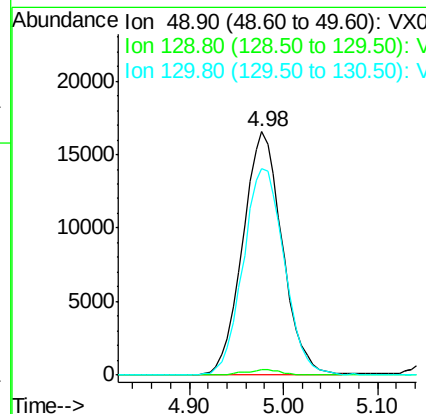
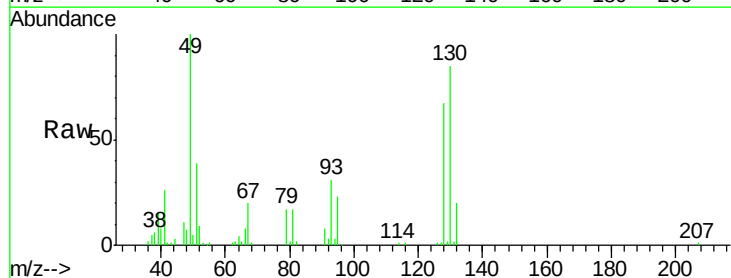
MMDadoda
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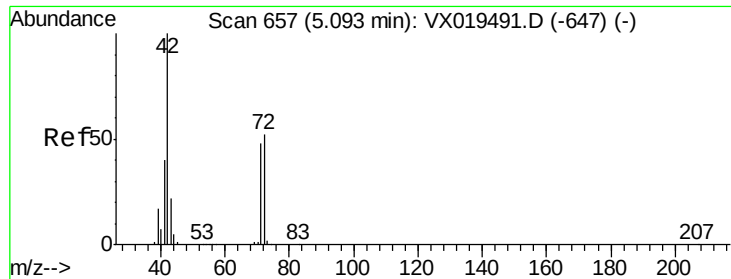


#28

Bromochloromethane
Concen: 18.373 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	88.3	69.0	103.6





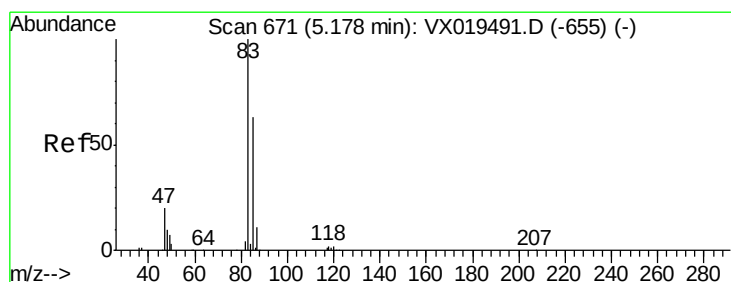
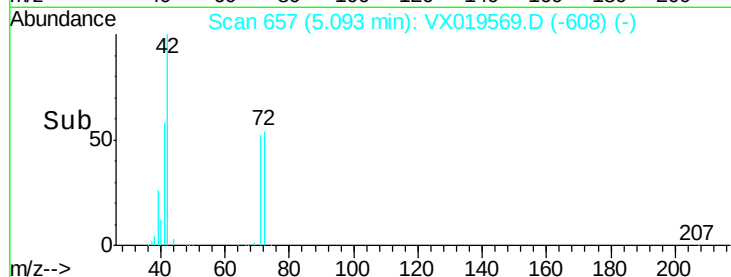
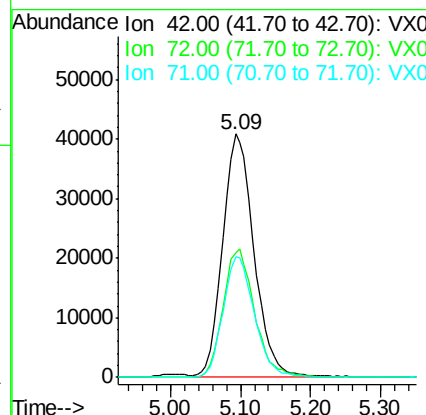
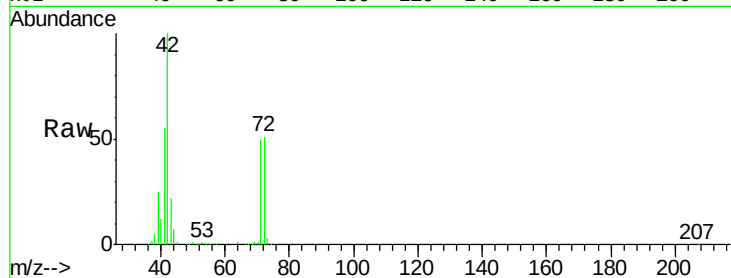
#29
Tetrahydrofuran
Concen: 93.174 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.6	42.6	63.8
71	49.9	39.0	58.6

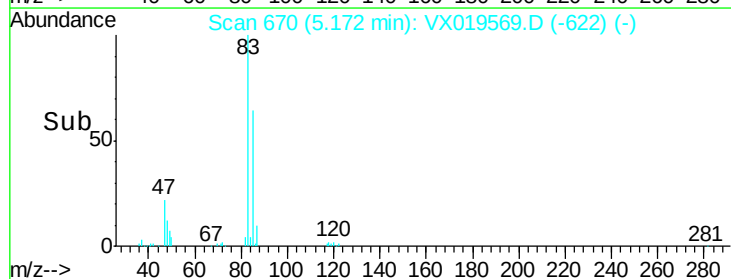
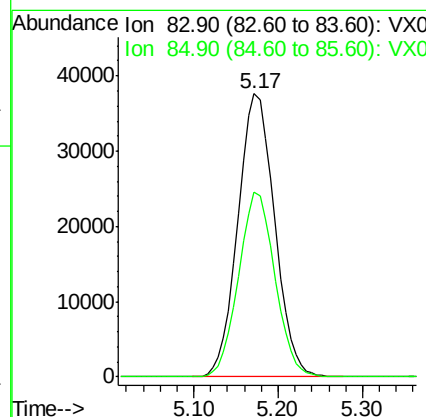
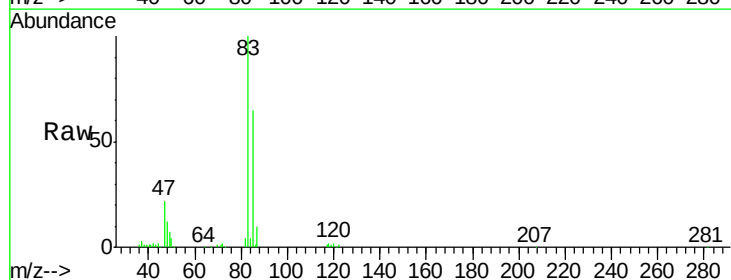
Manual Integrations
APPROVED

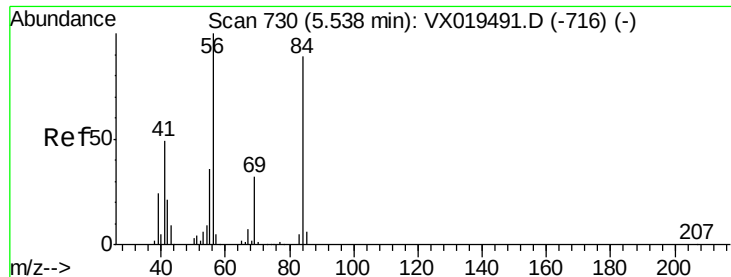
MMDadoda
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#30
Chloroform
Concen: 19.218 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.5	75.7





#31

Cyclohexane

Concen: 18.346 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

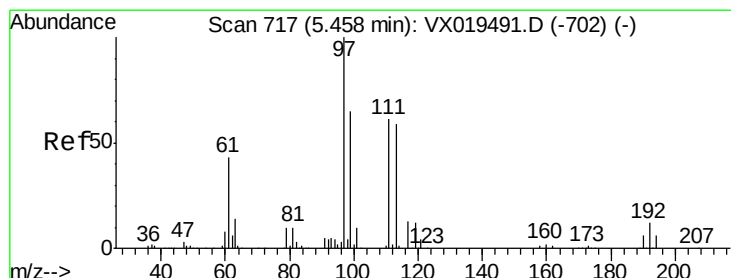
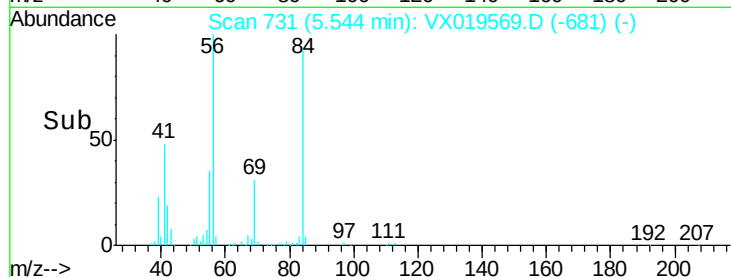
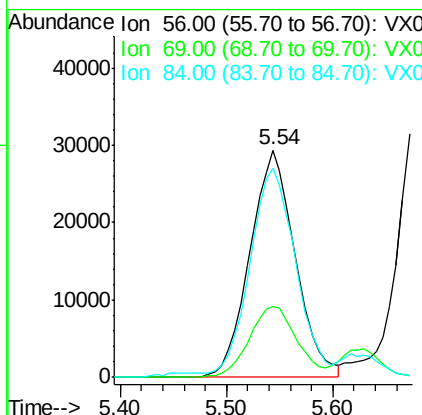
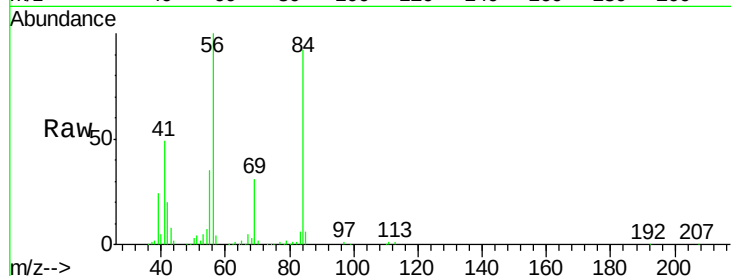
ClientSampleId :

VX1123WBSD02

Tot Ion:	56	Resp:	87179
Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.5	38.3
84	90.2	71.1	106.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.075 ug/l

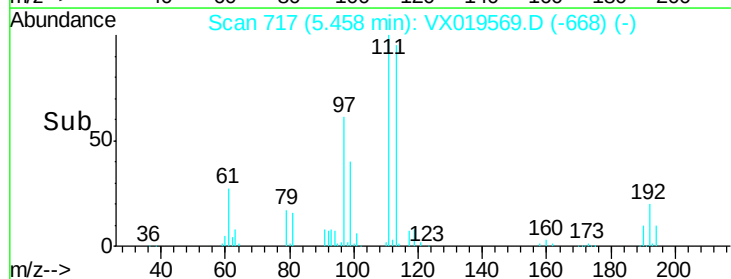
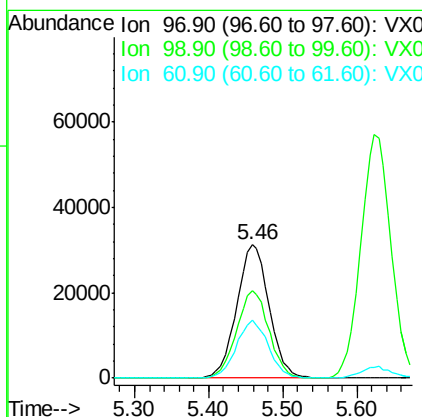
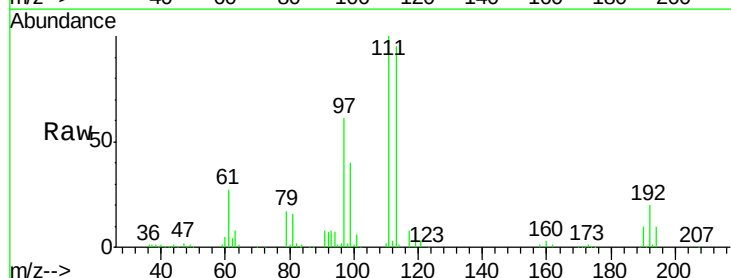
RT: 5.46 min Scan# 717

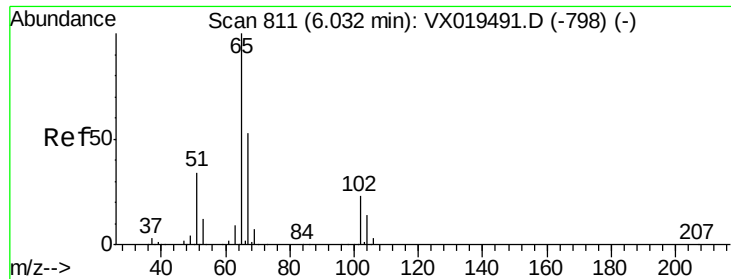
Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion:	97	Resp:	95013
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.0
61	43.1	34.2	51.2





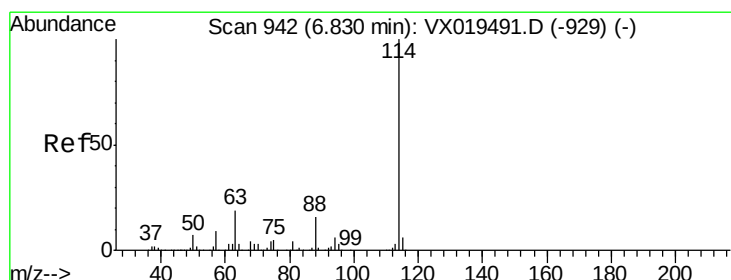
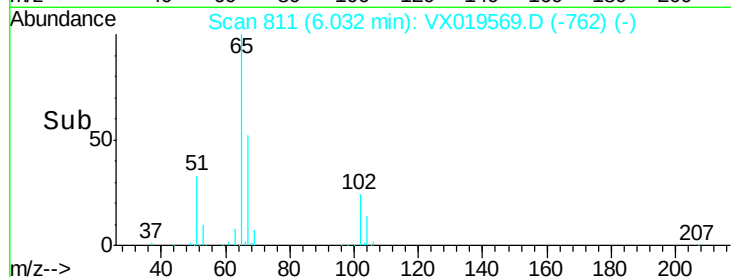
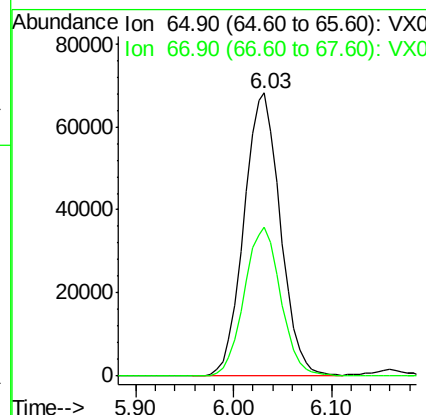
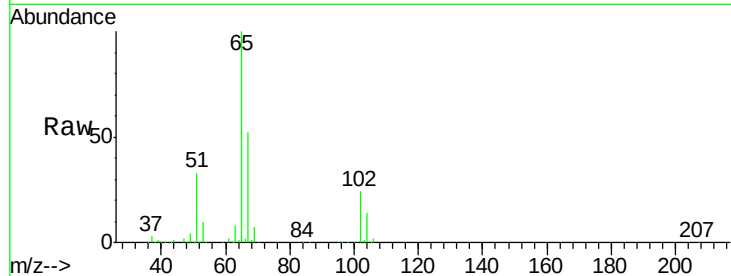
#33
 1,2-Dichloroethane-d4
 Concen: 48.336 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176598		
67	52.5	0.0	105.0	

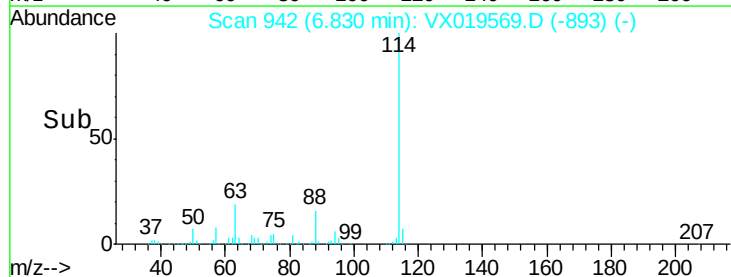
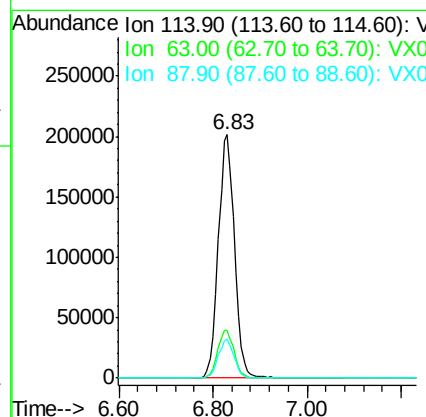
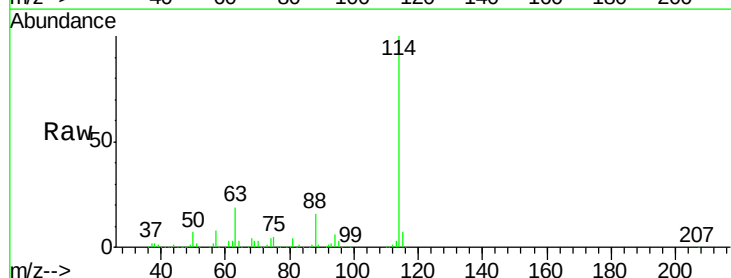
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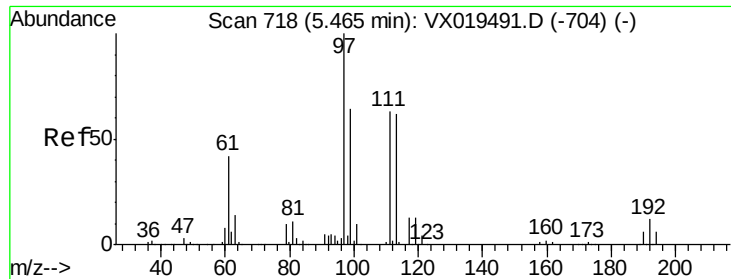
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 11/24/2020 1:09:41 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	477892		
63	19.4	0.0	38.8	
88	16.1	0.0	31.6	





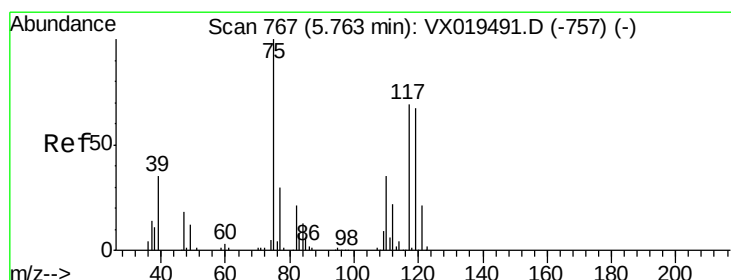
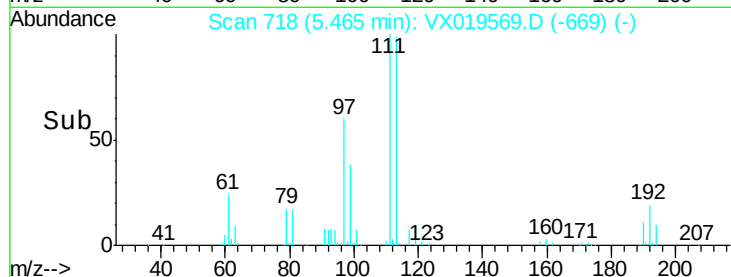
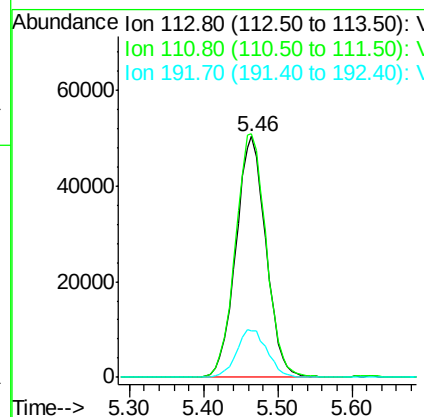
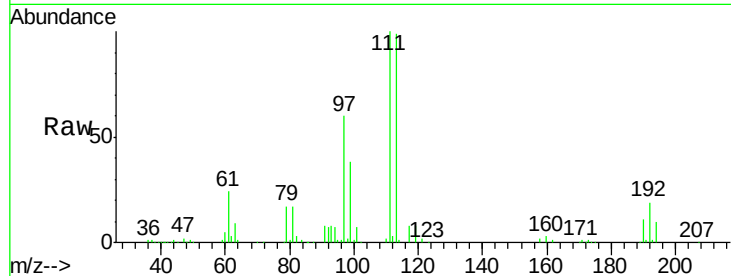
#35
Dibromofluoromethane
Concen: 47.444 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142320		
111	103.4	81.5	122.3	
192	20.2	16.2	24.2	

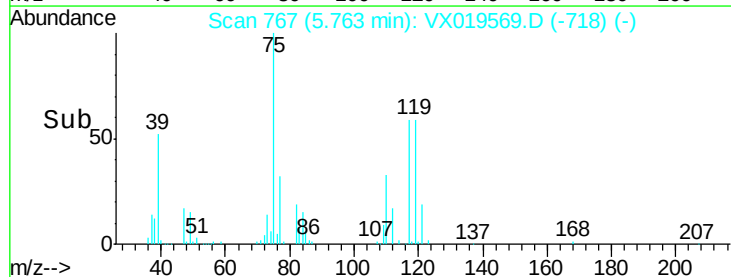
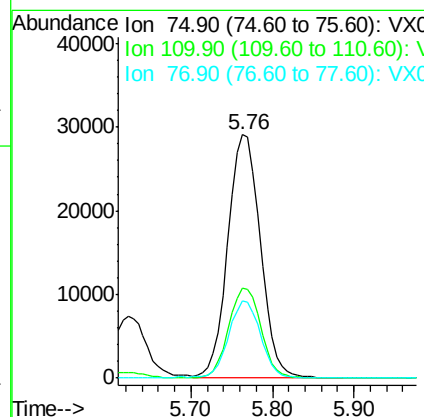
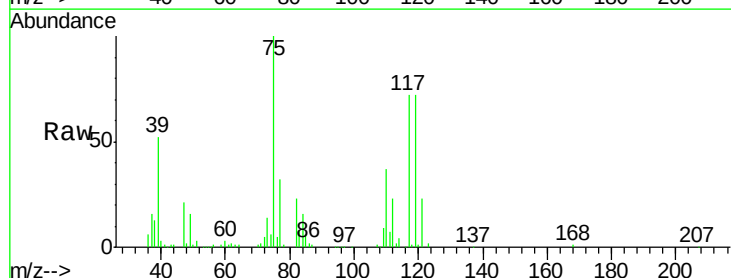
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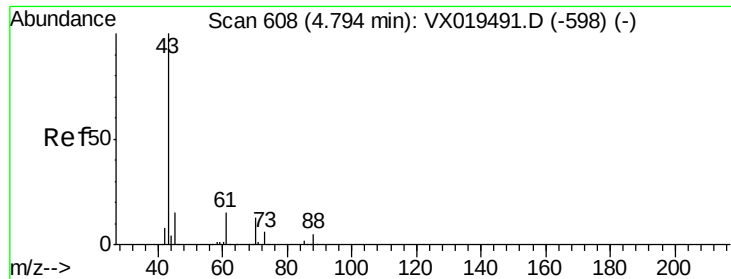
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#36
1,1-Dichloropropene
Concen: 17.953 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80434		
110	36.8	18.1	54.3	
77	31.2	24.2	36.4	





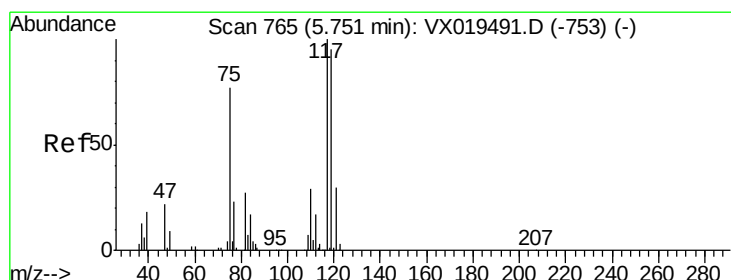
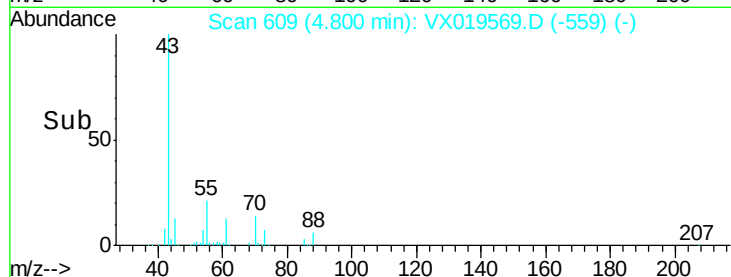
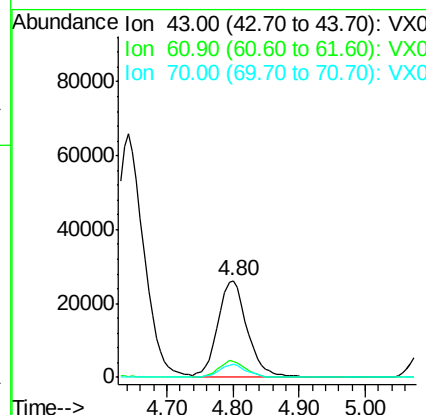
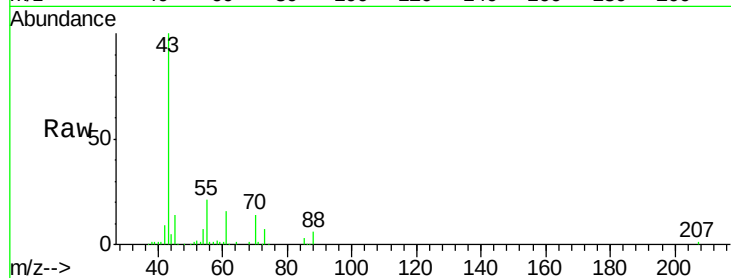
#37
Ethyl Acetate
Concen: 18.852 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.7	19.1
70	12.9	10.2	15.2

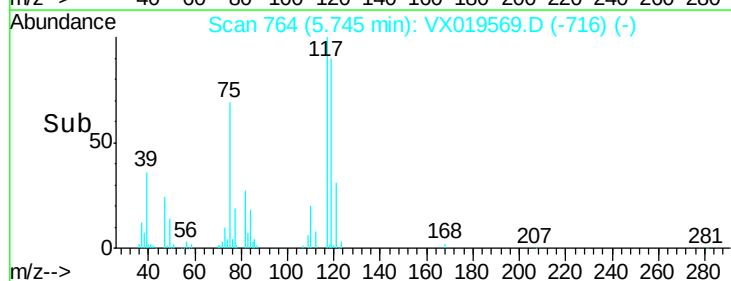
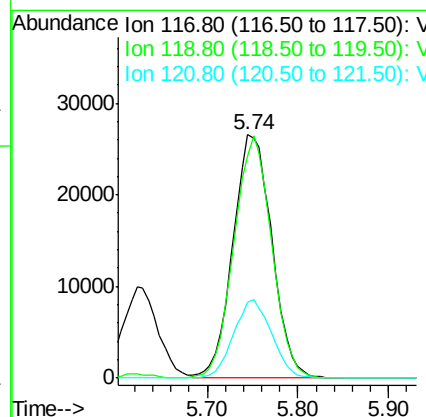
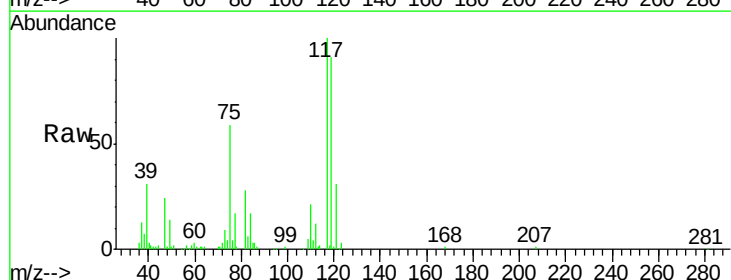
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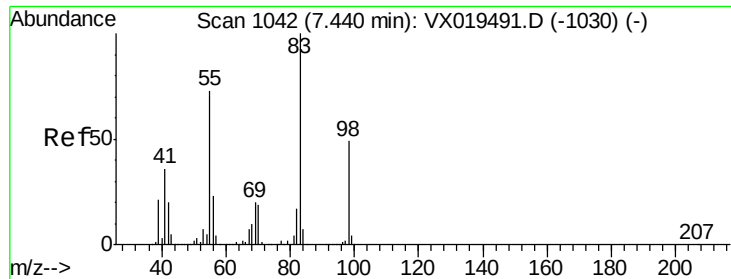
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#38
Carbon Tetrachloride
Concen: 18.312 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	75.9	113.9
121	31.3	24.0	36.0





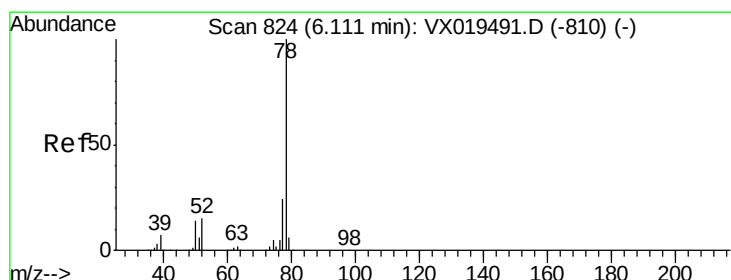
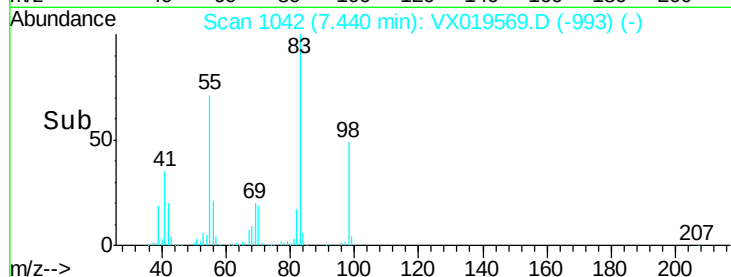
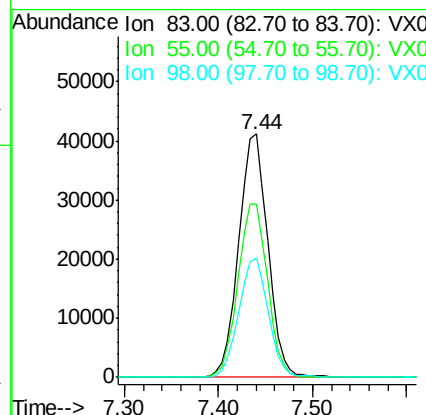
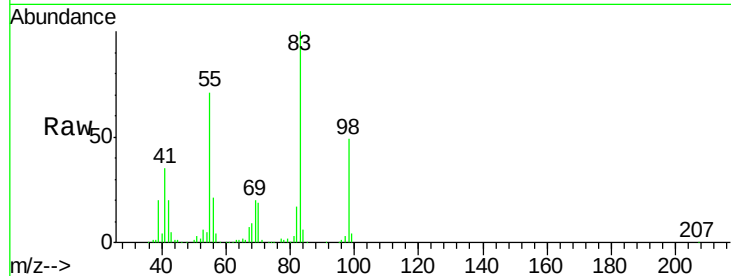
#39
Methylvlcyclohexane
Concen: 17.089 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	71.1	58.3	87.5	
98	49.2	38.9	58.3	

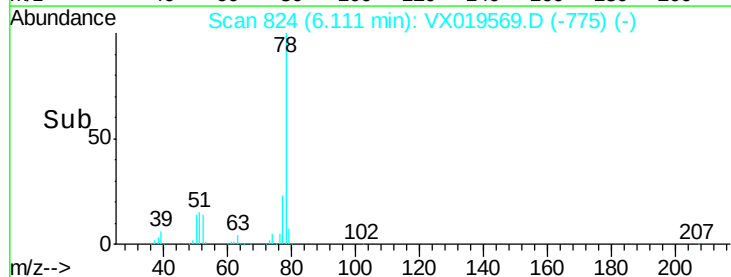
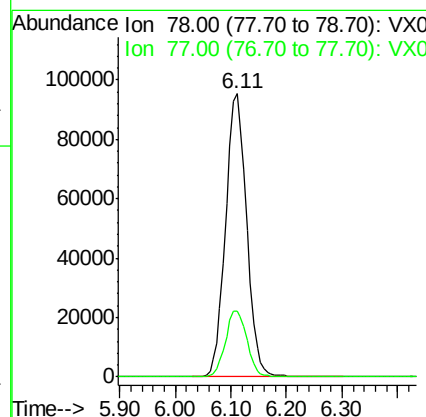
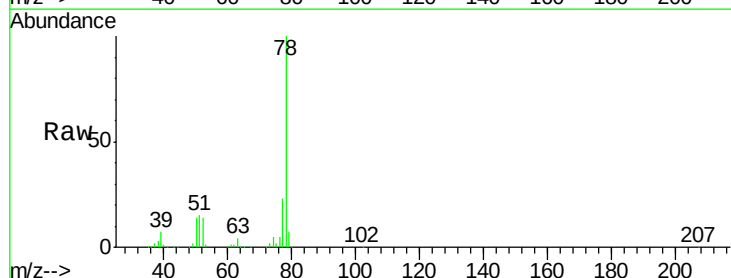
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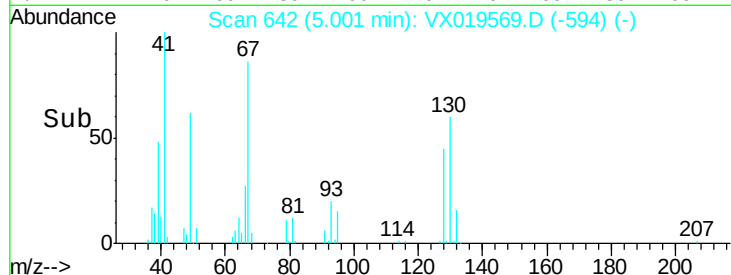
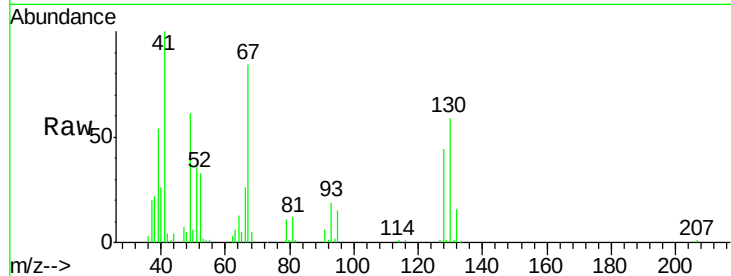
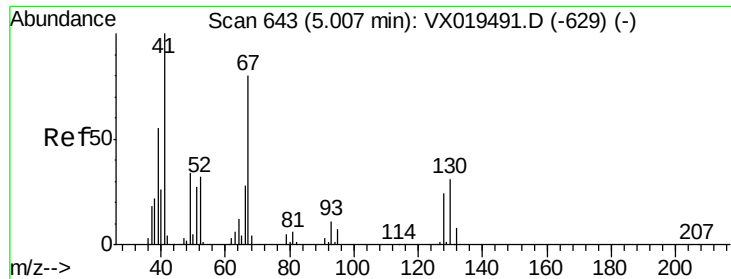
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#40
Benzene
Concen: 18.200 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.1	18.9	28.3	





#41

Methacrylonitrile

Concen: 18.122 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.9	43.3	64.9		
67	84.4	66.0	99.0		
52	34.2	25.4	38.2		

Instrument :

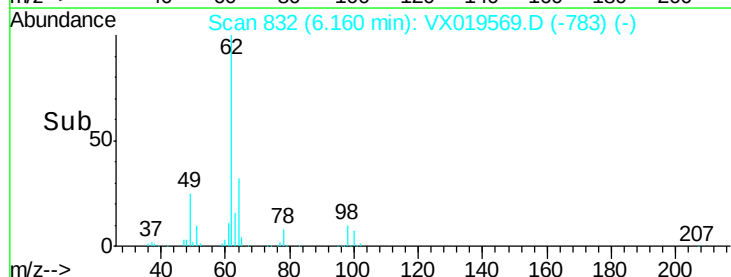
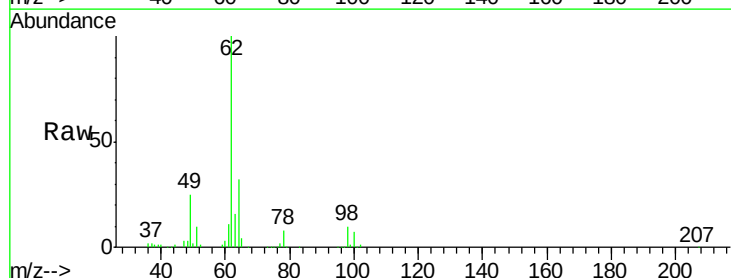
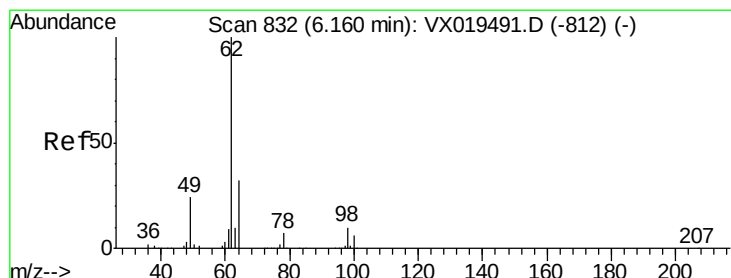
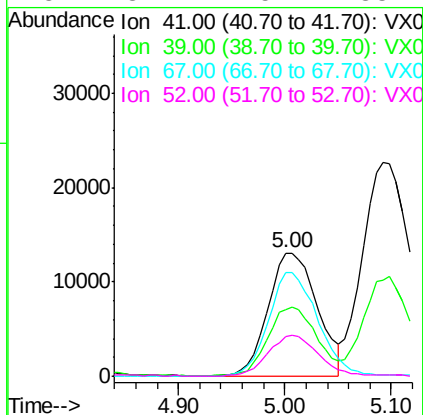
MSVOA_X

ClientSampleId :

VX1123WBSD02

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#42

1,2-Dichloroethane

Concen: 18.815 ug/l

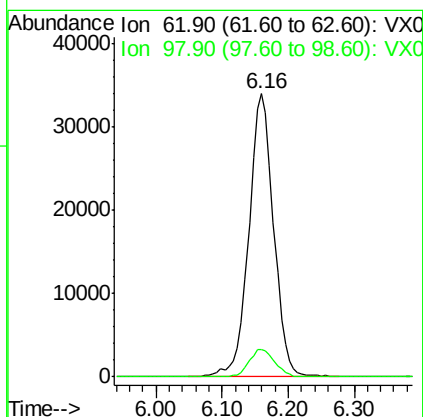
RT: 6.16 min Scan# 832

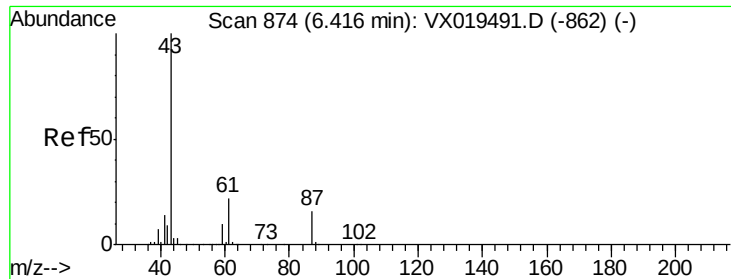
Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.9	0.0	20.0		





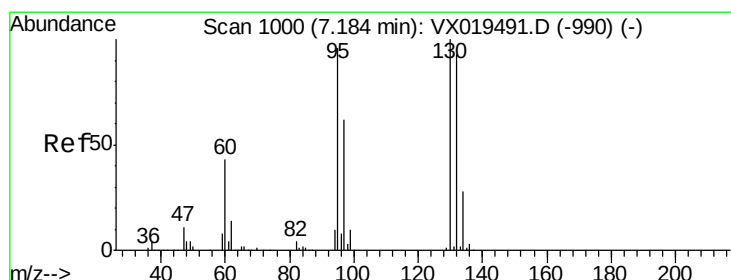
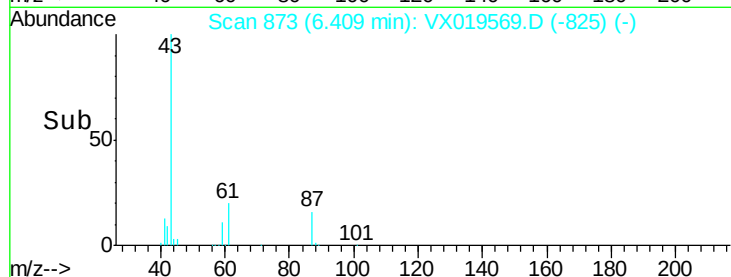
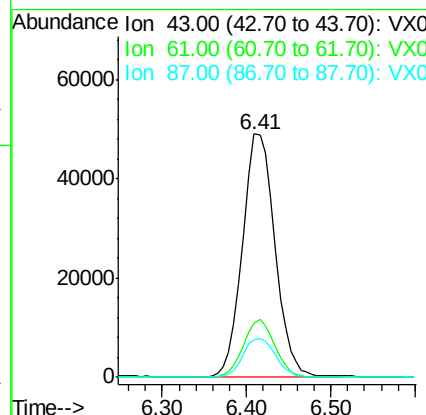
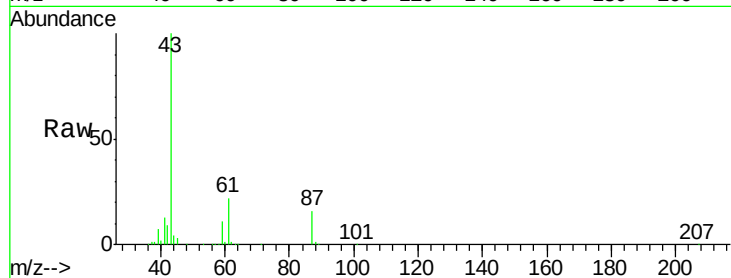
#43
Isopropyl Acetate
Concen: 18.017 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.1	18.2	27.2
87	16.2	12.6	18.8

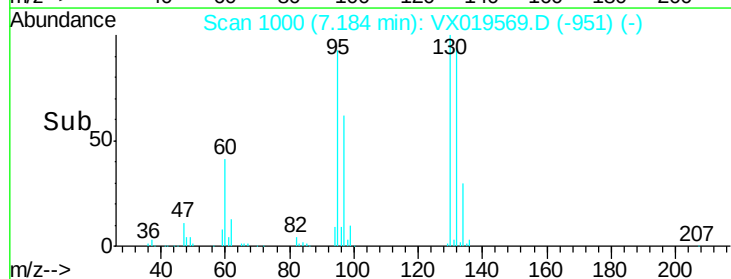
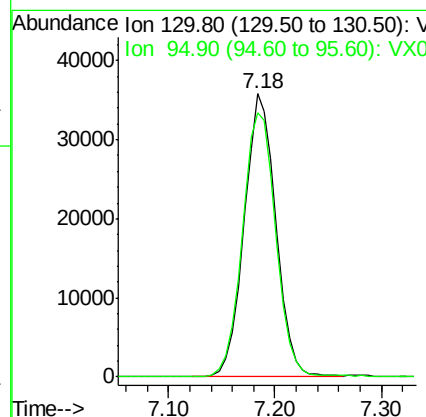
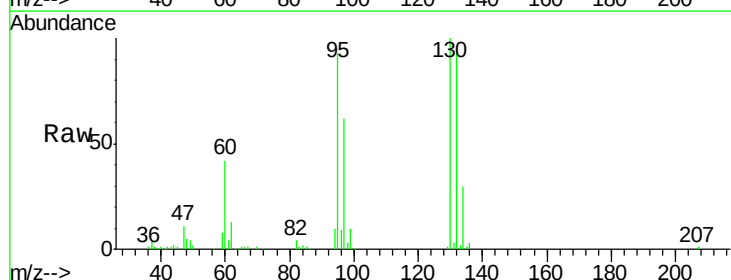
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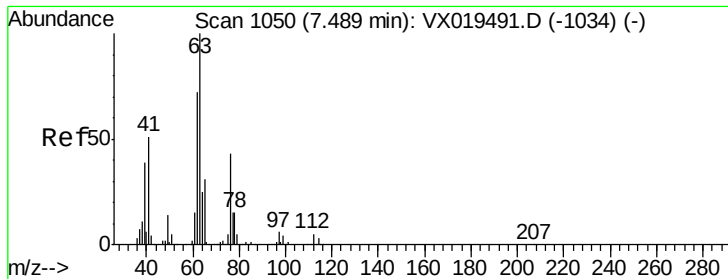
MMDadoda
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#44
Trichloroethene
Concen: 20.759 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	191.2





#45

1,2-Dichloropropane

Concen: 18.327 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion: 63 Resp: 62106

Ion Ratio Lower Upper

63 100

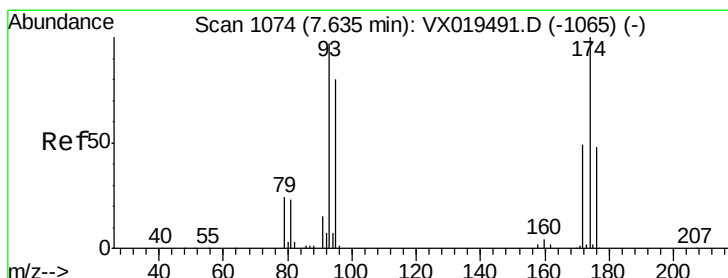
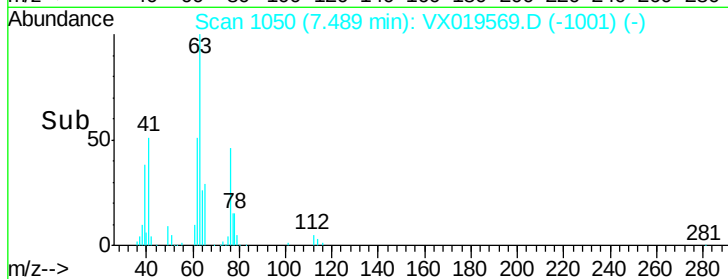
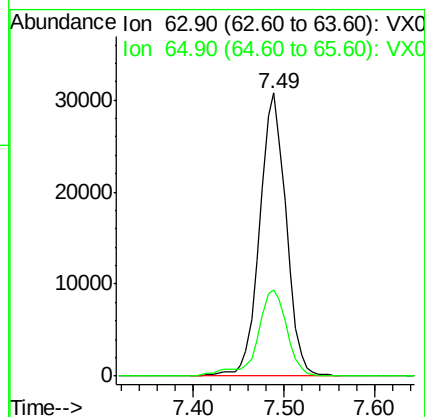
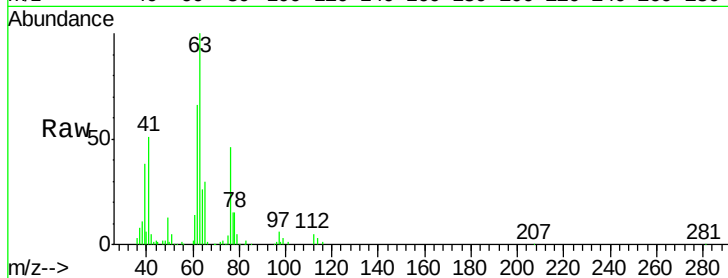
65 30.4 25.0 37.4

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#46

Dibromomethane

Concen: 18.913 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

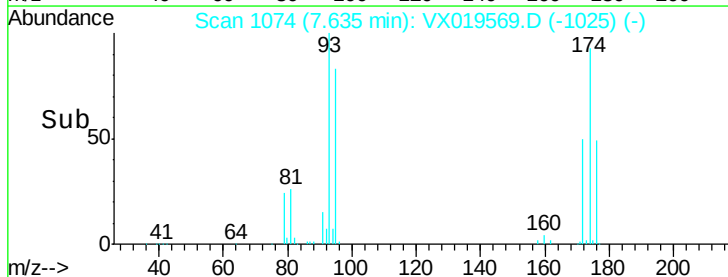
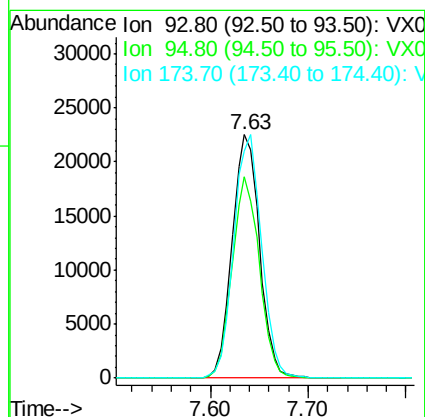
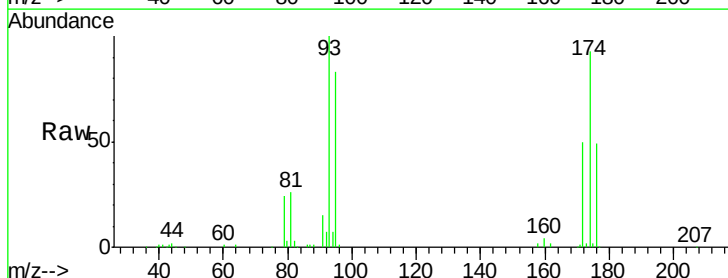
Tgt Ion: 93 Resp: 43867

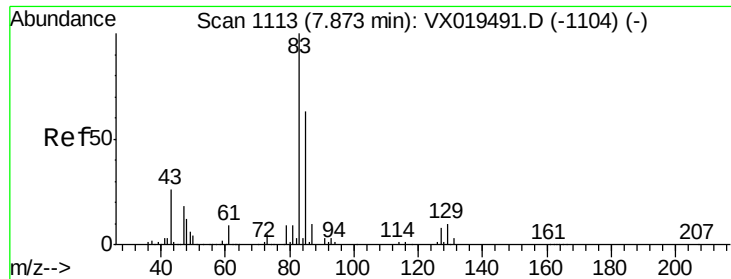
Ion Ratio Lower Upper

93 100

95 82.3 66.8 100.2

174 101.0 83.0 124.4





#47

Bromodichloromethane

Concen: 18.520 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

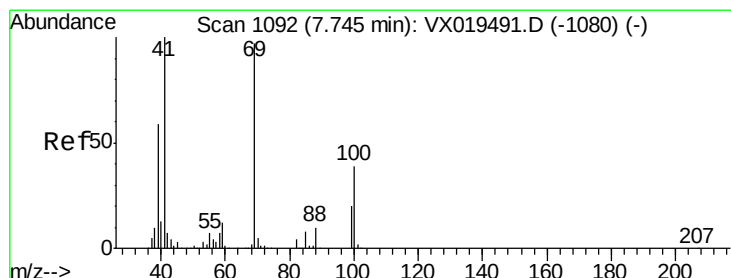
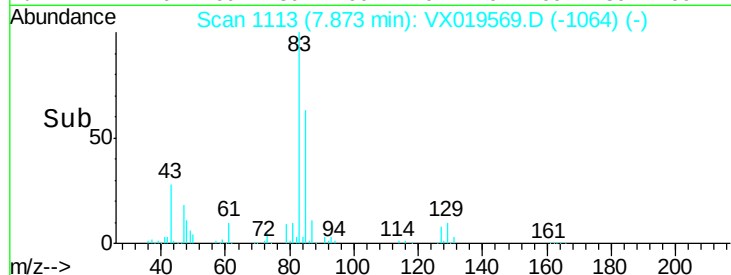
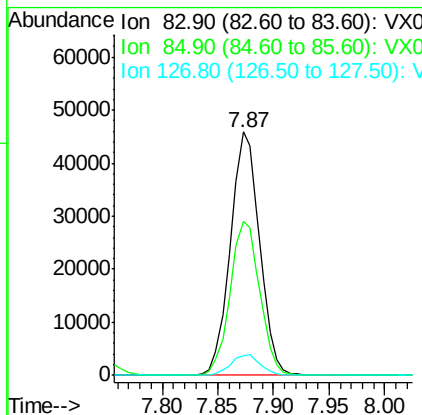
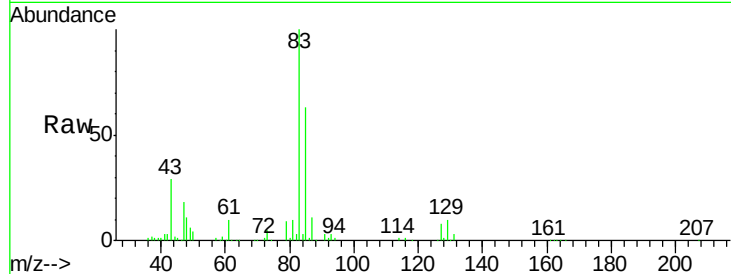
ClientSampleId :

VX1123WBSD02

Tot Ion:	83	Resp:	83351
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.2	75.2
127	8.3	6.4	9.6

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#48

Methyl methacrylate

Concen: 18.434 ug/l

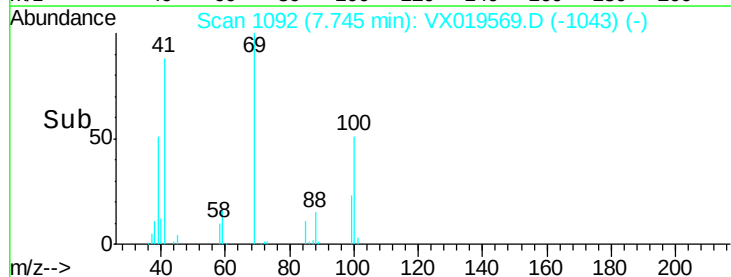
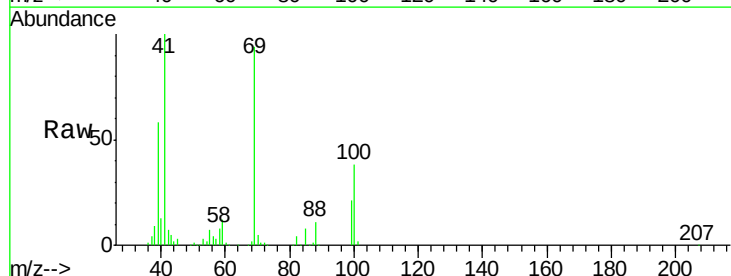
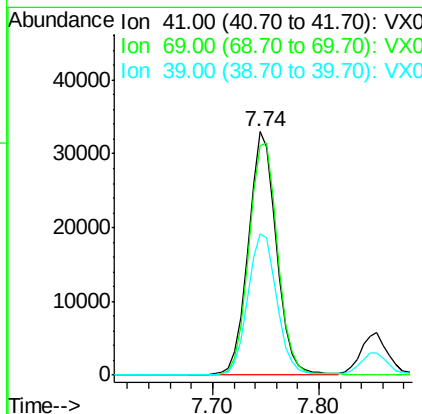
RT: 7.74 min Scan# 1092

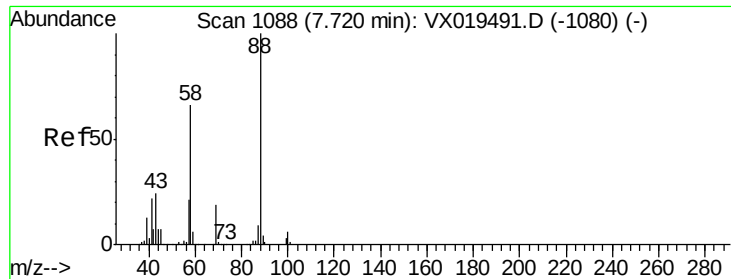
Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion:	41	Resp:	61039
Ion	Ratio	Lower	Upper
41	100		
69	98.8	77.0	115.6
39	60.4	45.6	68.4





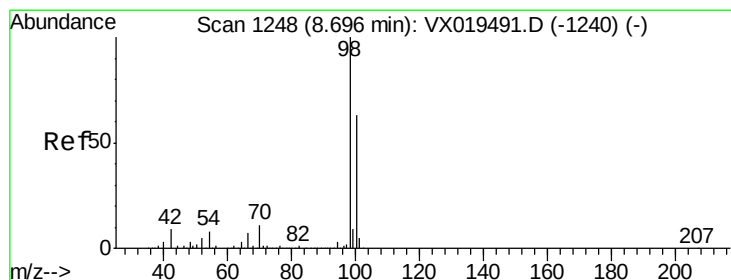
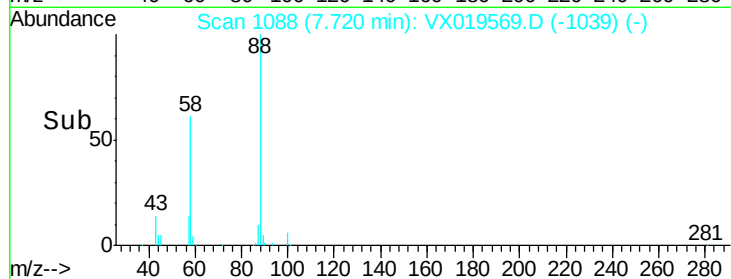
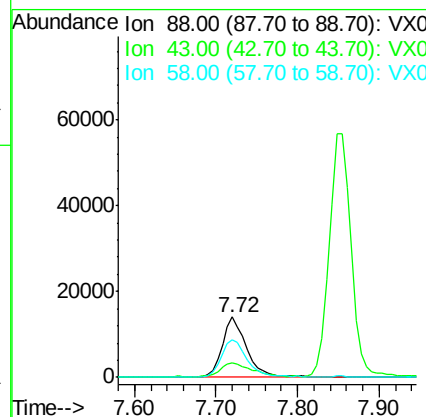
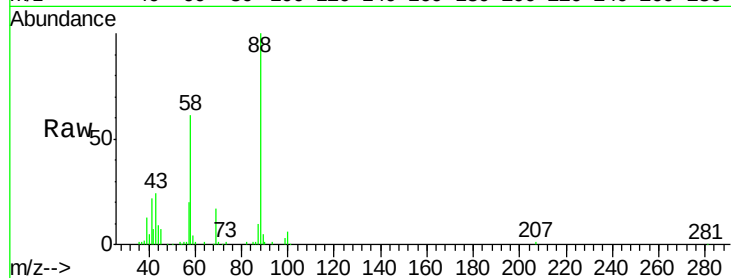
#49
1,4-Dioxane
Concen: 392.884 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	23.8	35.6
58	65.6	54.2	81.2

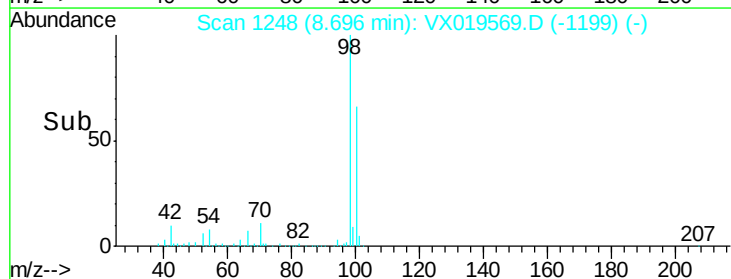
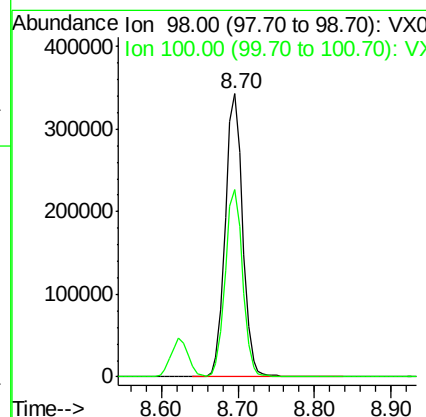
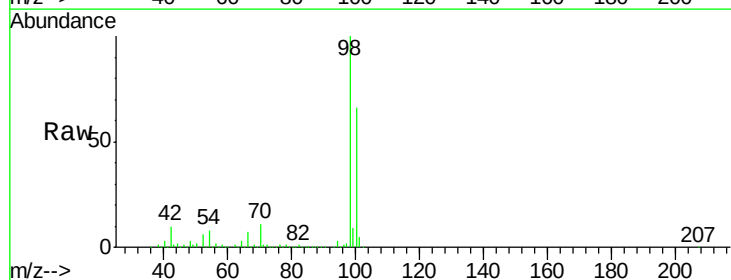
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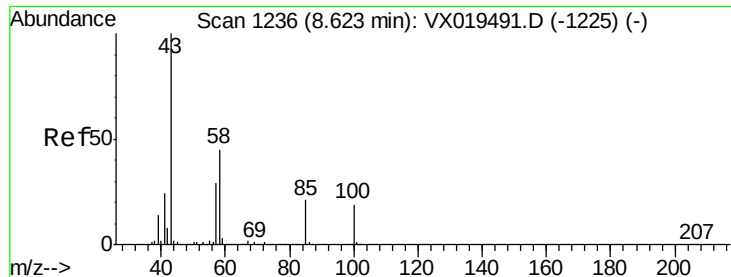
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#50
Toluene-d8
Concen: 46.285 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.4	78.6





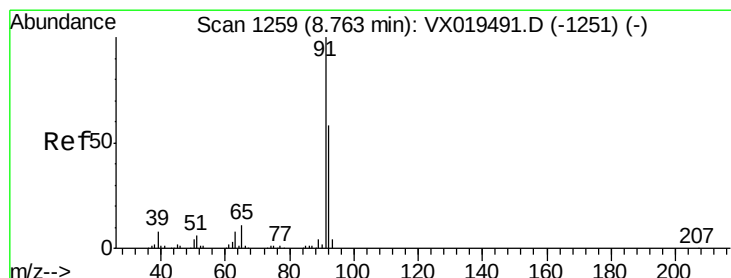
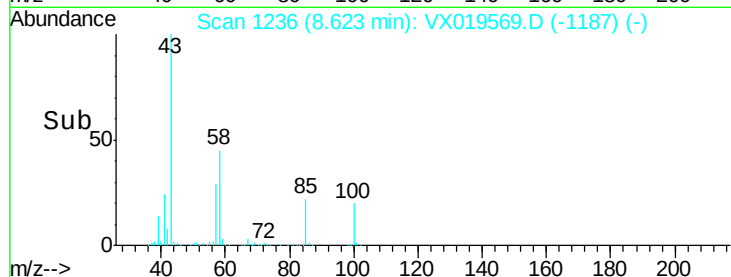
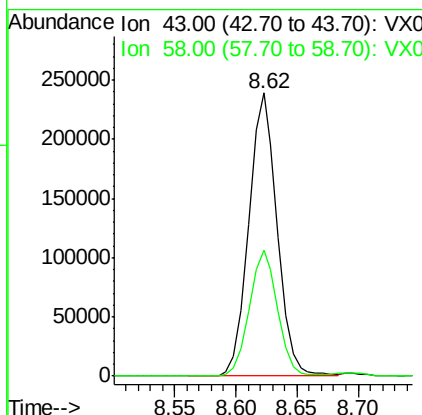
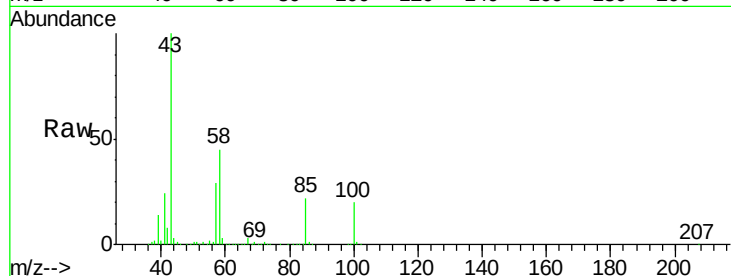
#51
4-Methyl-2-Pentanone
Concen: 93.257 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.2	35.1	52.7

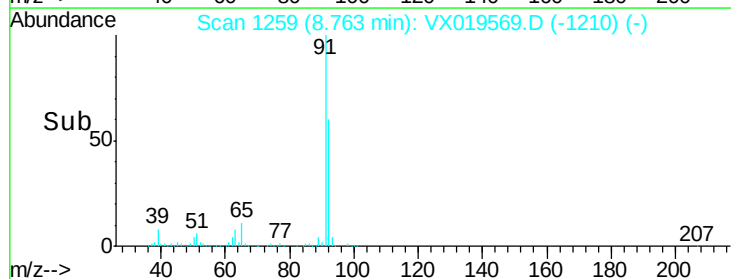
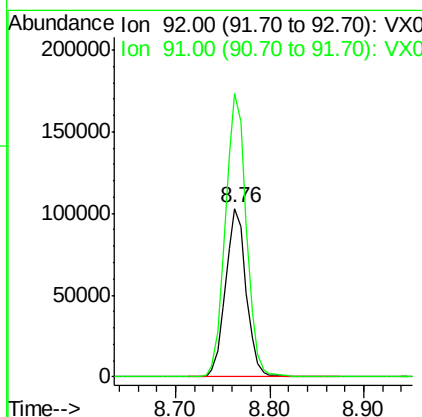
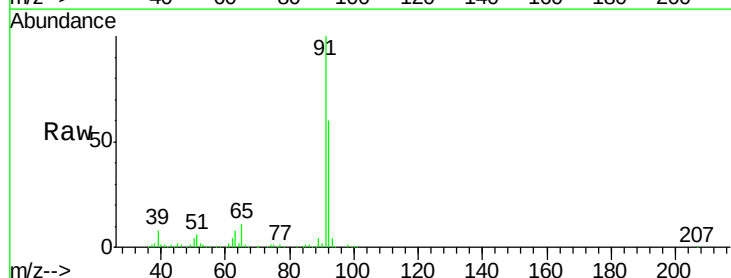
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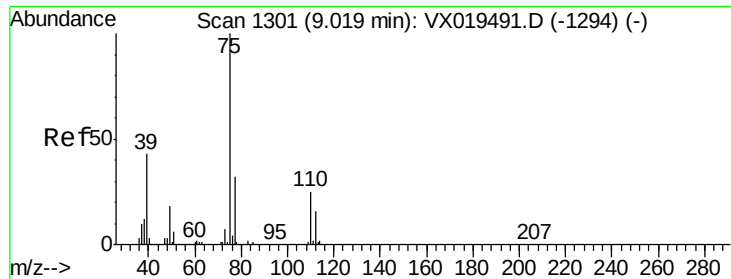
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#52
Toluene
Concen: 18.608 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.7	138.1	207.1





#53

t-1,3-Dichloropropene

Concen: 17.990 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion: 75 Resp: 87442

Ion Ratio Lower Upper

75 100

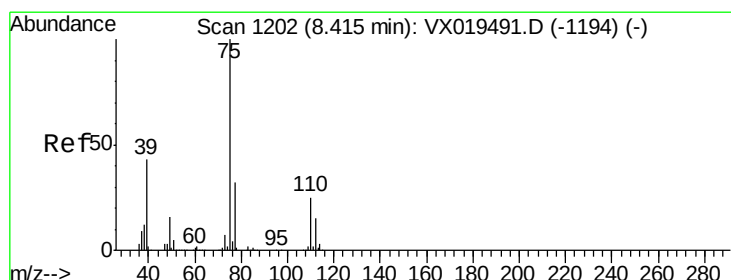
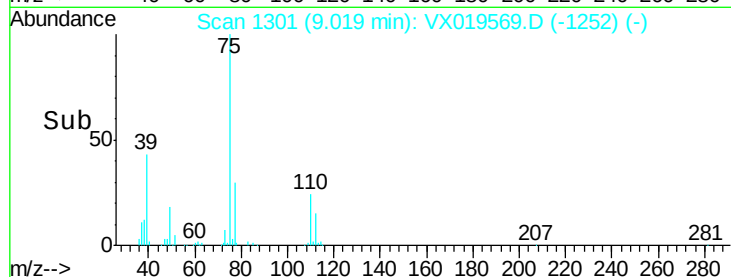
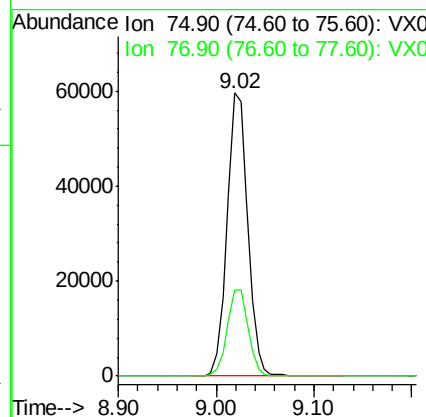
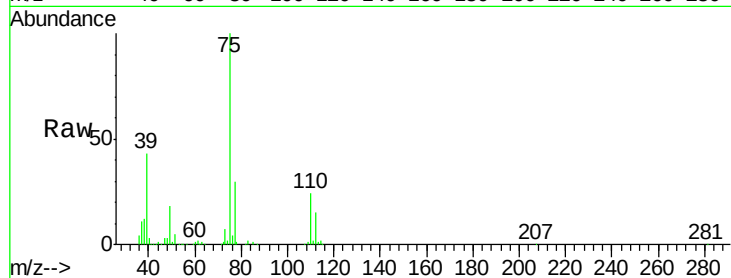
77 30.5 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 18.220 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

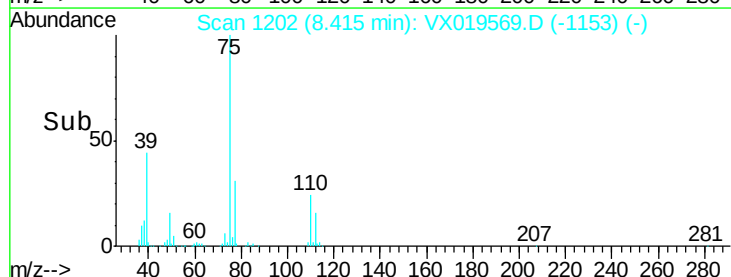
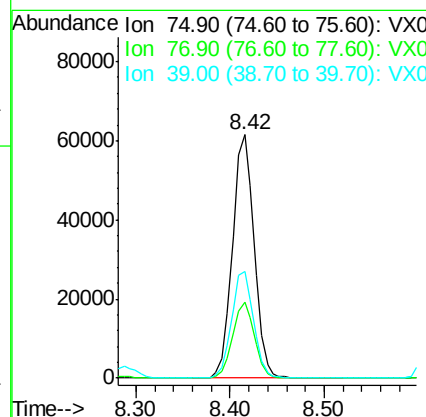
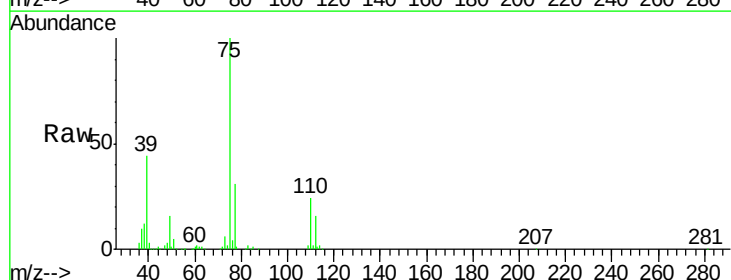
Tgt Ion: 75 Resp: 98282

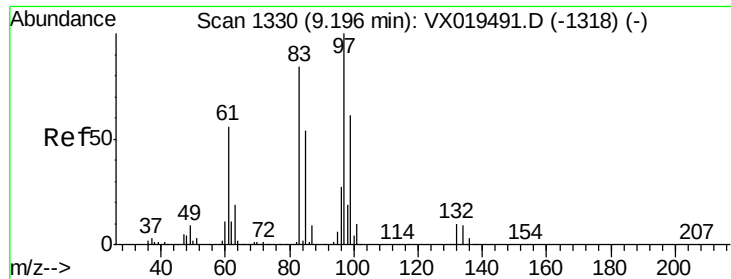
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 43.6 34.6 51.8





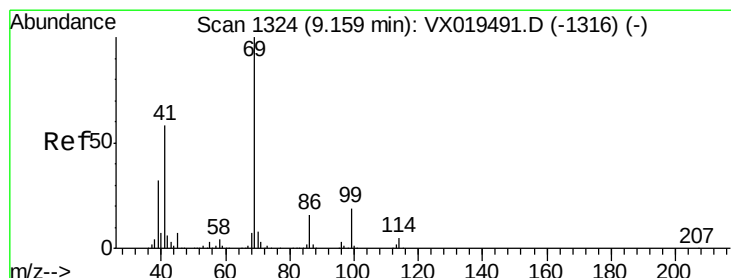
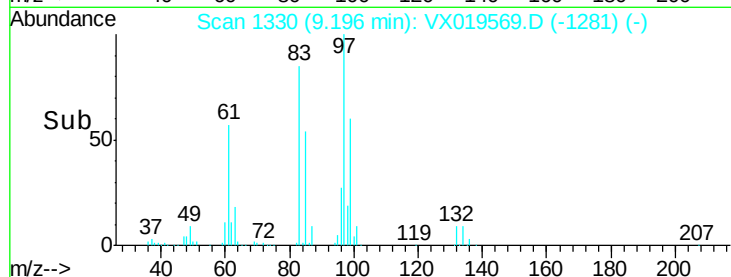
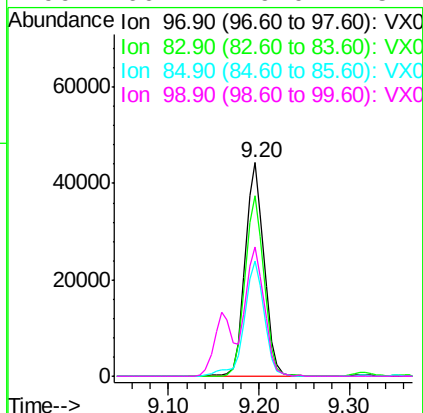
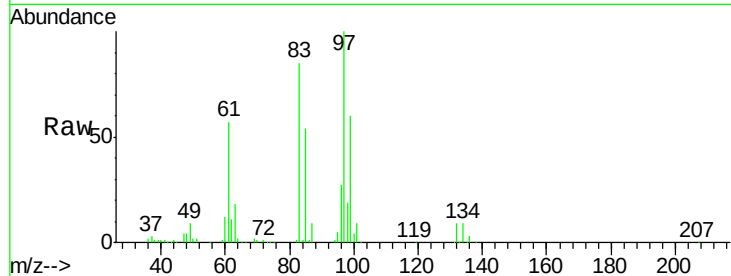
#55
 1,1,2-Trichloroethane
 Concen: 18.734 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Tot Ion:	97	Resp:	64251
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.0	100.6
85	53.9	43.4	65.0
99	60.4	49.0	73.4

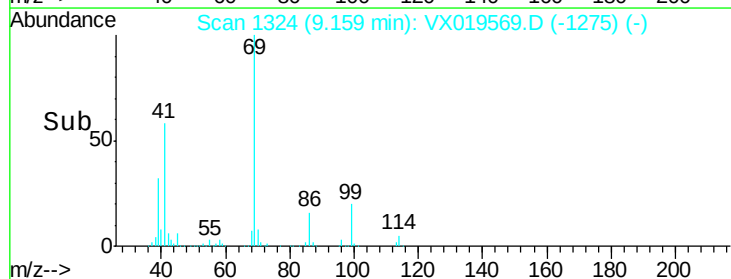
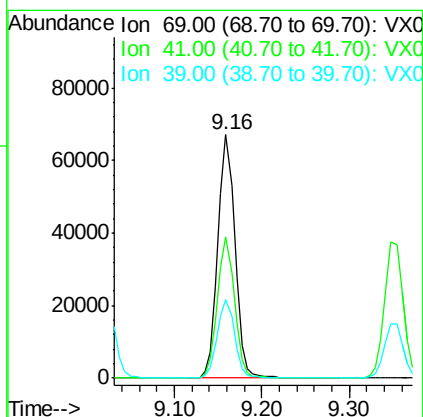
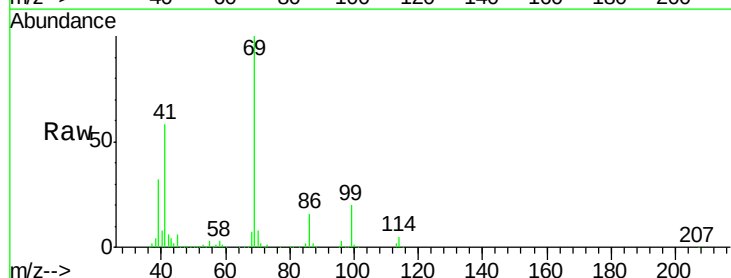
Manual Integrations
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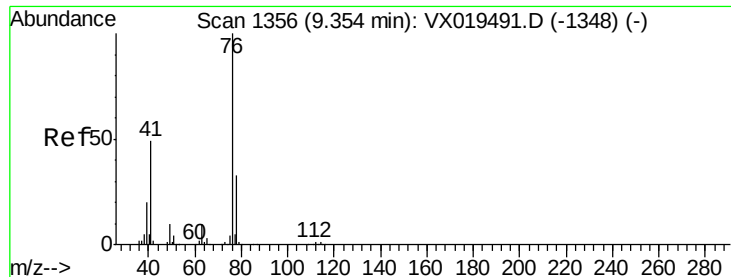
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#56
 Ethyl methacrylate
 Concen: 18.805 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion:	69	Resp:	91261
Ion	Ratio	Lower	Upper
69	100		
41	58.2	46.2	69.2
39	32.7	25.5	38.3





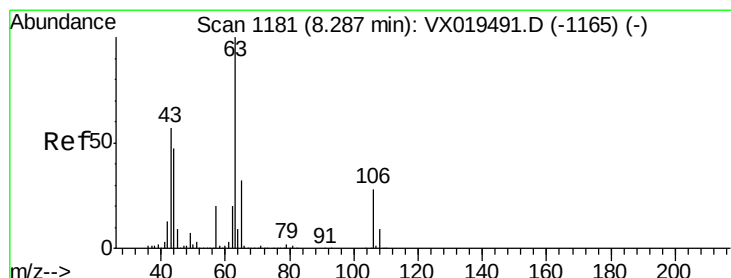
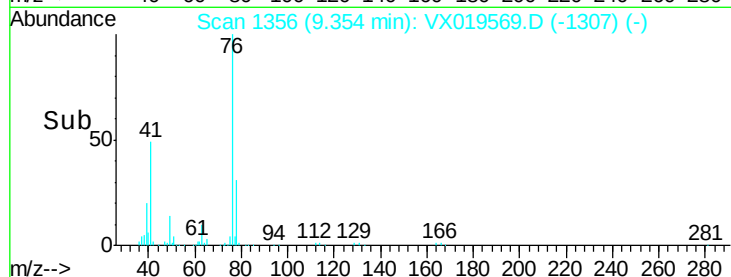
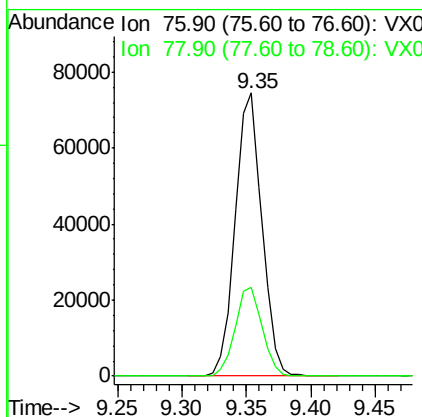
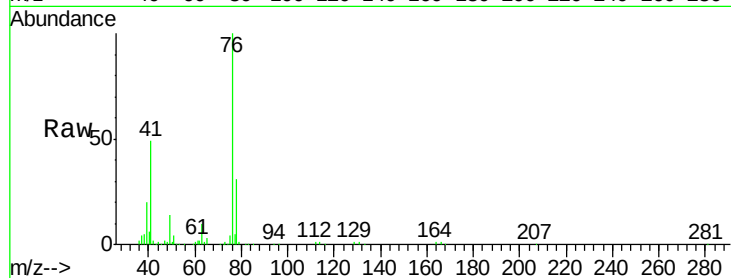
#57
 1,3-Dichloropropane
 Concen: 18.750 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.7	38.5

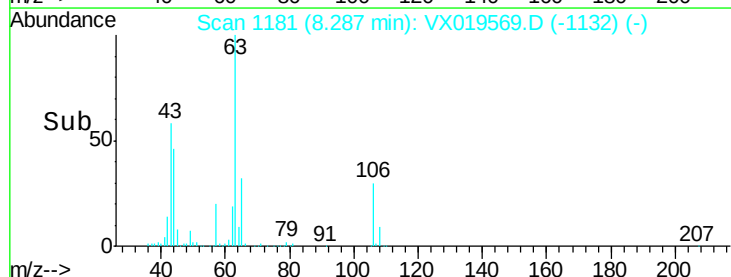
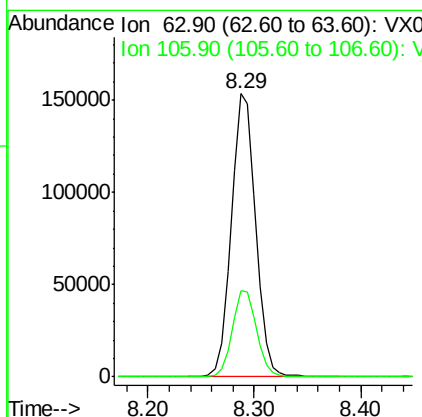
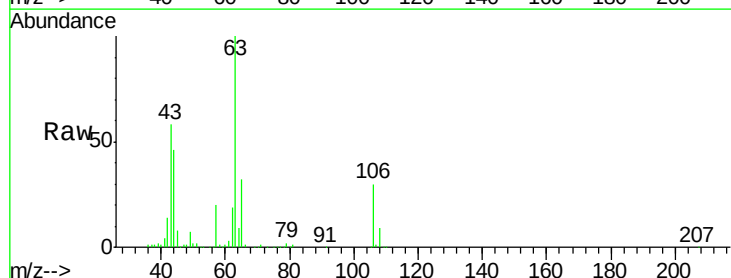
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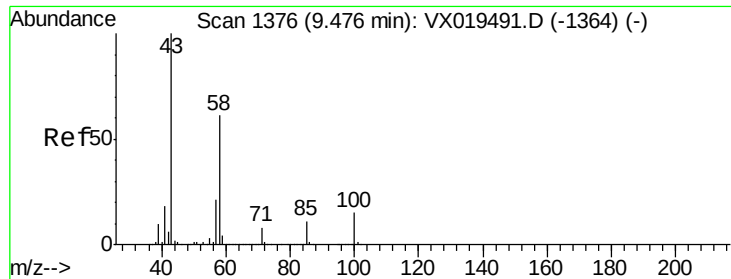
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#58
 2-Chloroethyl Vinyl ether
 Concen: 86.546 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.6	23.7	35.5





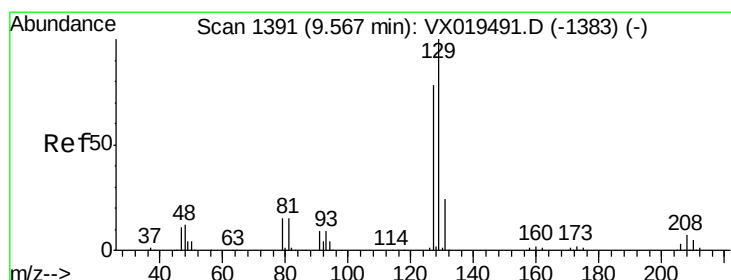
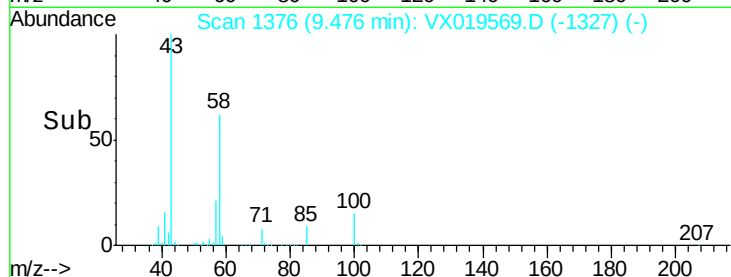
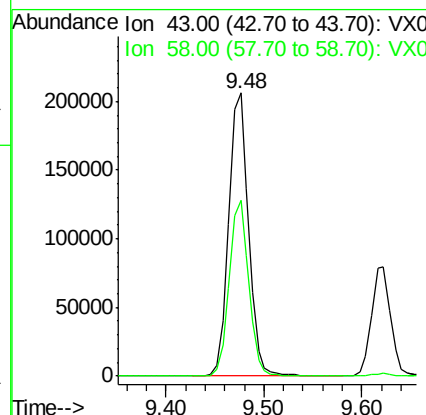
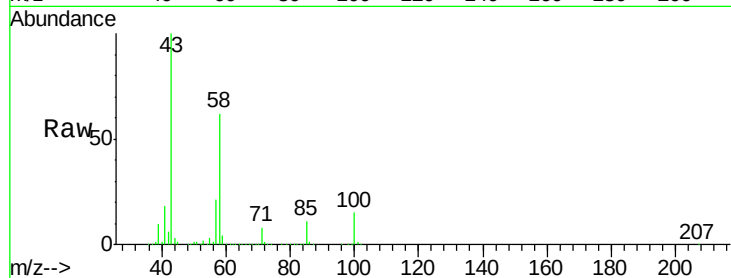
#59
2-Hexanone
Concen: 92.613 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.5	30.6	91.6

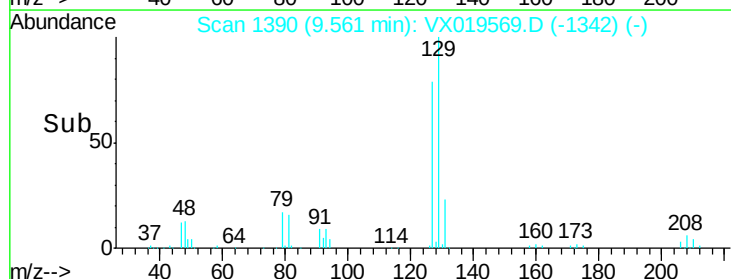
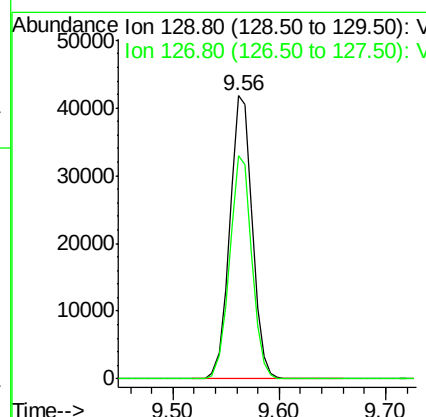
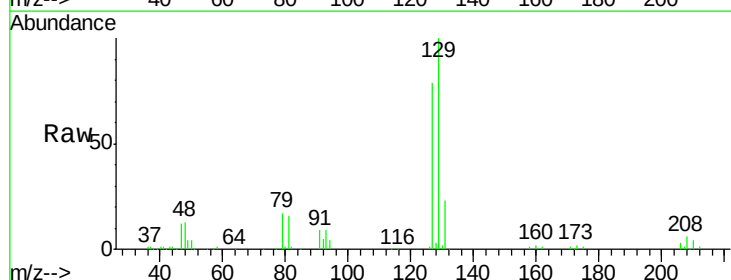
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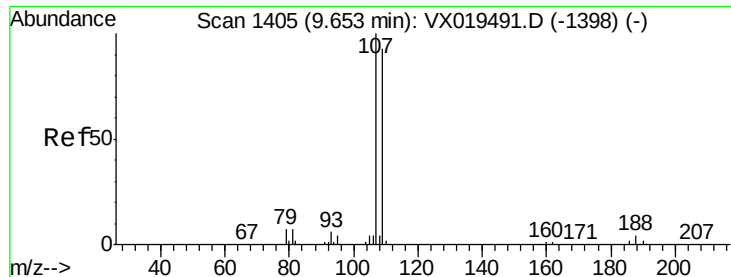
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11/24/2020 1:09:41 PM



#60
Dibromochloromethane
Concen: 18.459 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.0	116.9





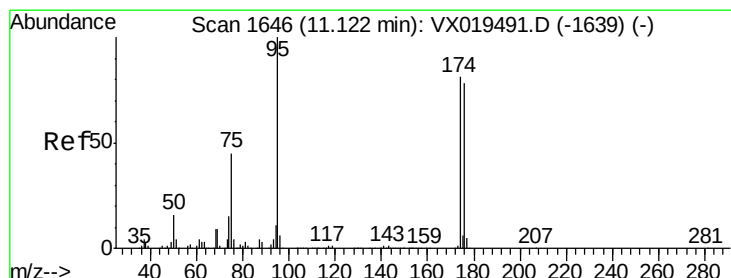
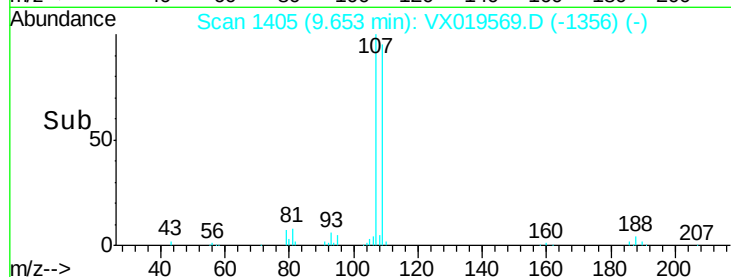
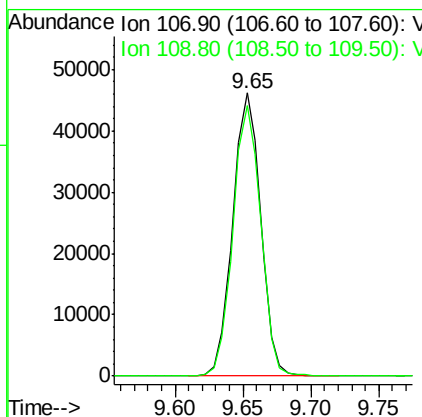
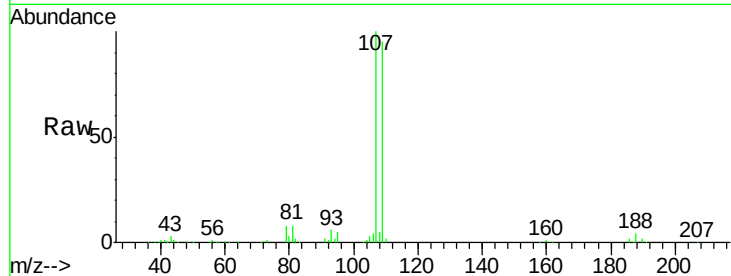
#61
 1,2-Dibromoethane
 Concen: 18.668 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	74.8	112.2

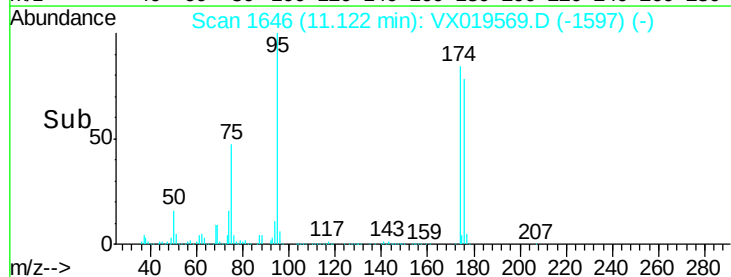
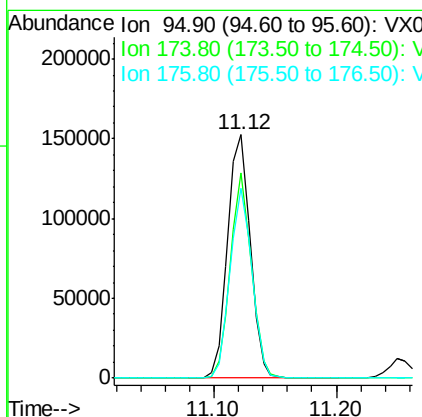
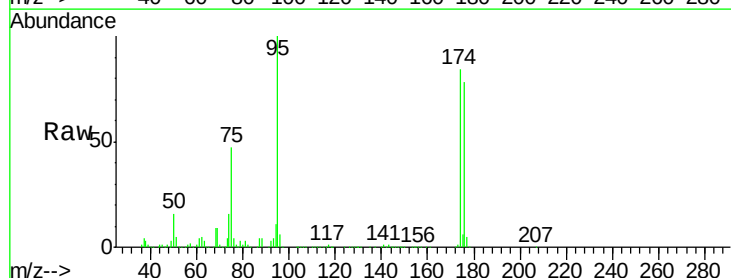
Manual Integrations
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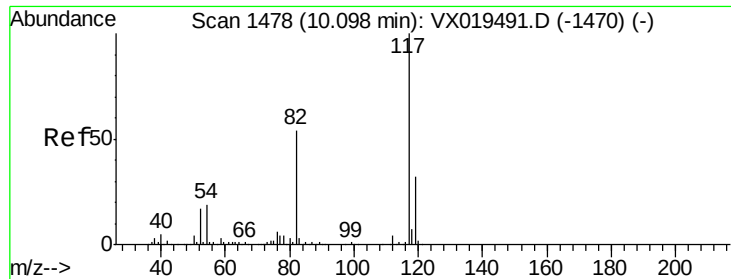
MMDadoda
 11/24/2020 1:09:41 PM



#62
 4-Bromofluorobenzene
 Concen: 46.499 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	156.2
176	75.2	0.0	151.4





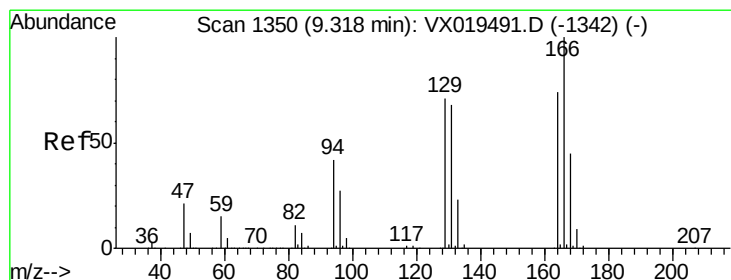
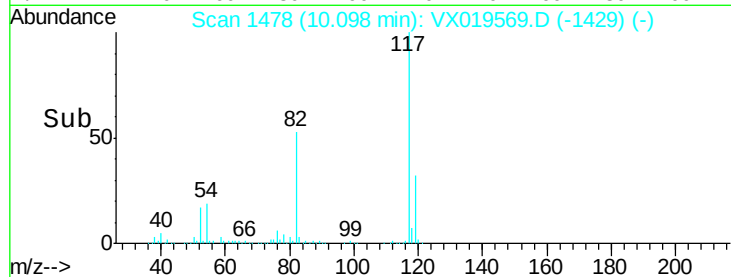
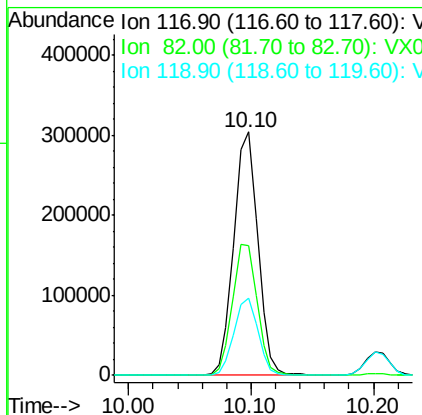
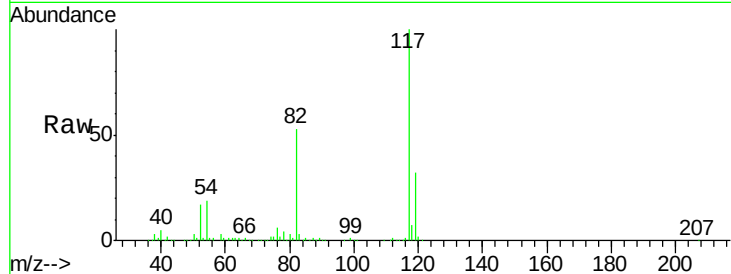
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	31.7	25.6	38.4

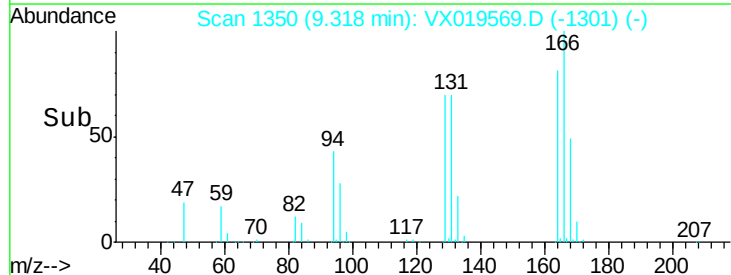
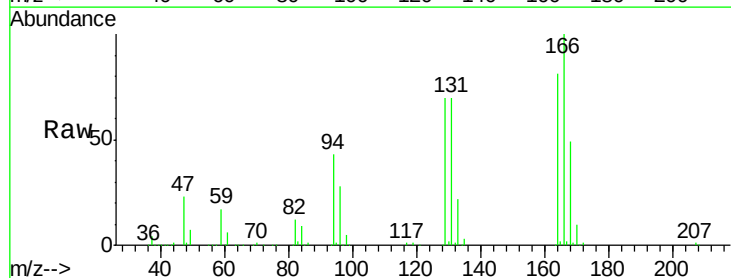
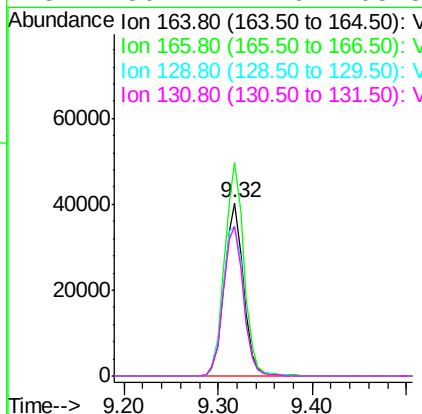
Manual Integrations
APPROVED

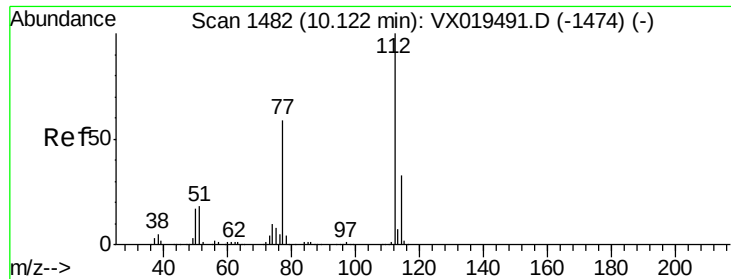
MMDadoda
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#64
Tetrachloroethene
Concen: 17.415 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.2	107.4	161.0
129	86.7	76.6	114.8
131	86.1	72.6	108.8





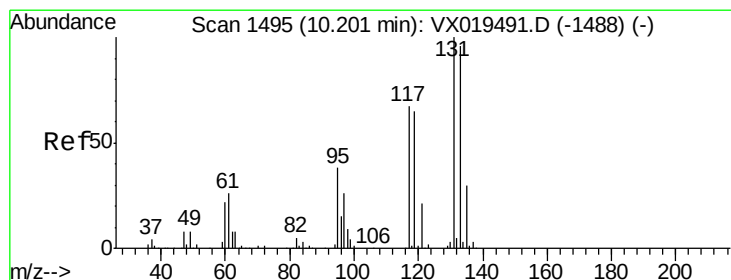
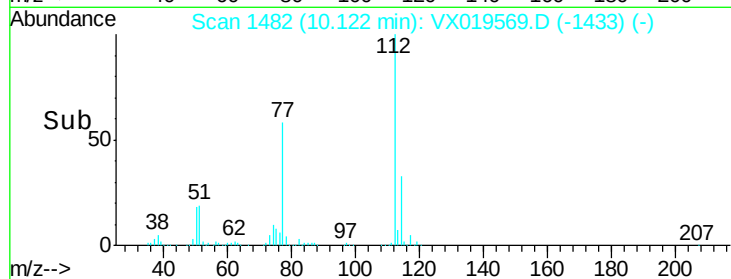
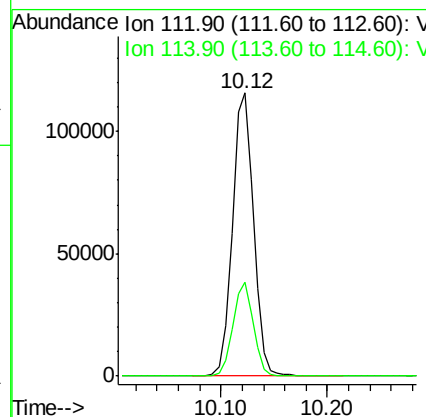
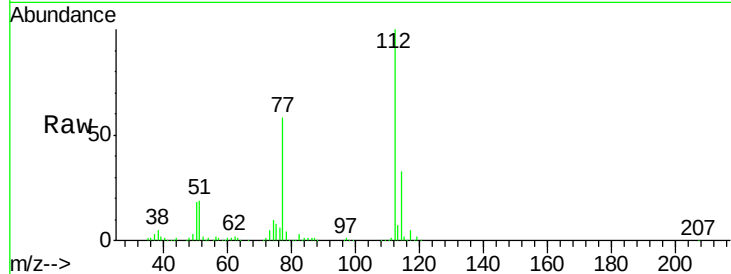
#65
Chlorobenzene
Concen: 18.845 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	160541		
114	33.1	26.0	39.0	

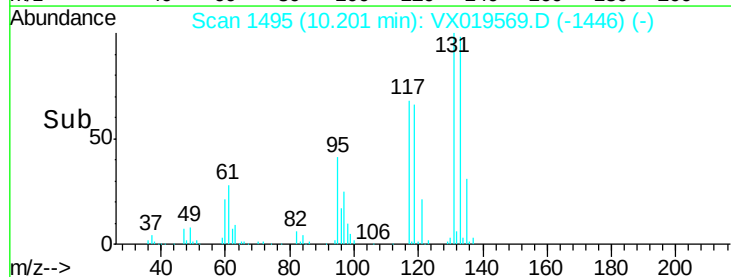
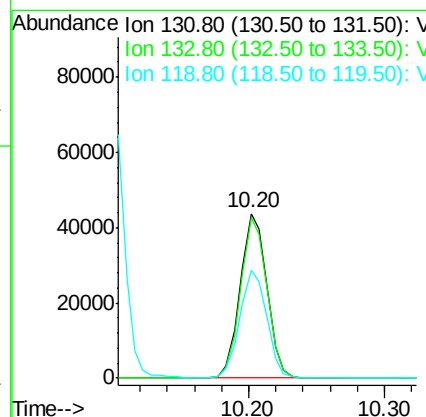
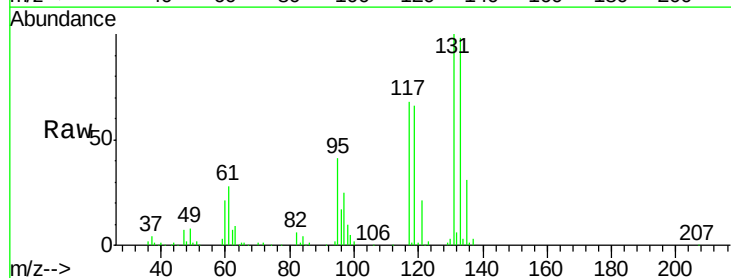
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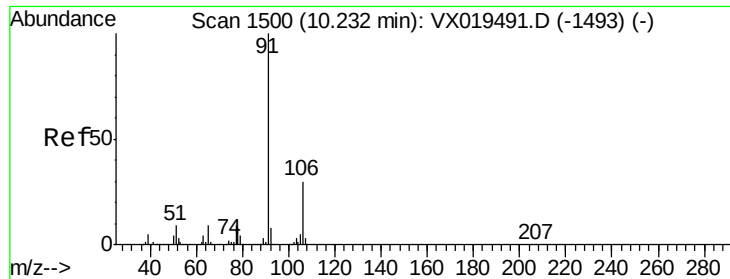
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.296 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	59791		
133	95.9	48.5	145.5	
119	66.1	33.0	99.0	





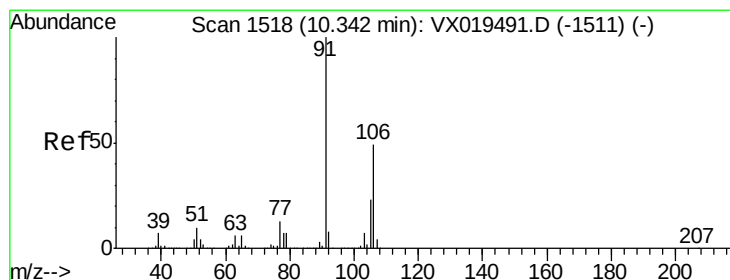
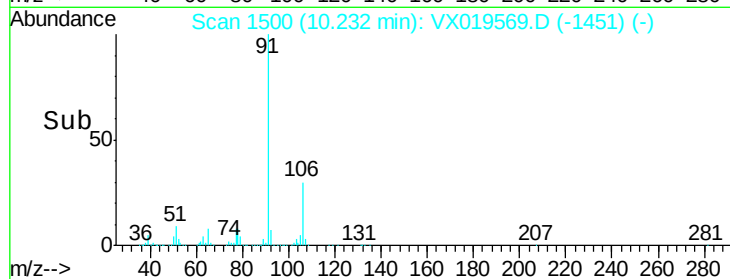
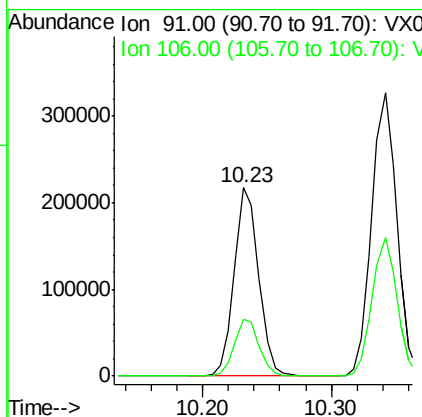
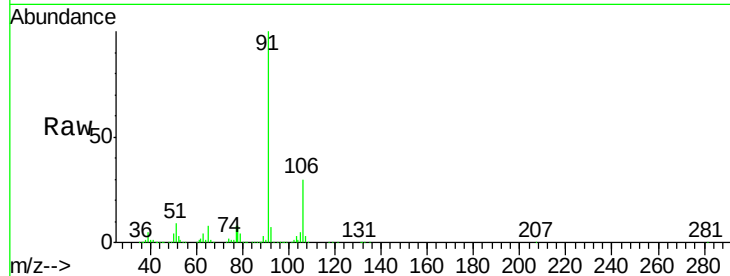
#67
Ethyl Benzene
Concen: 19.306 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion: 91 Resp: 288120
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

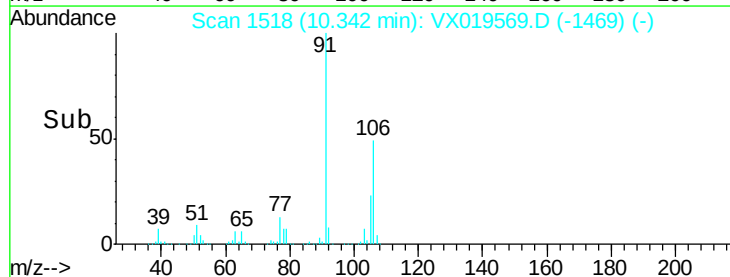
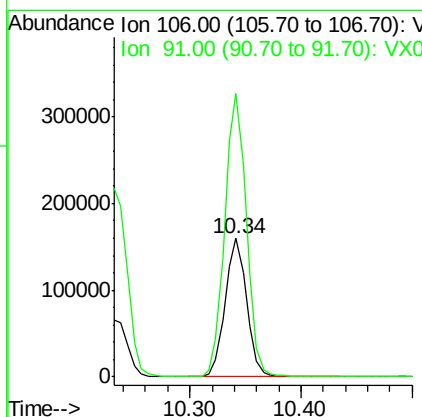
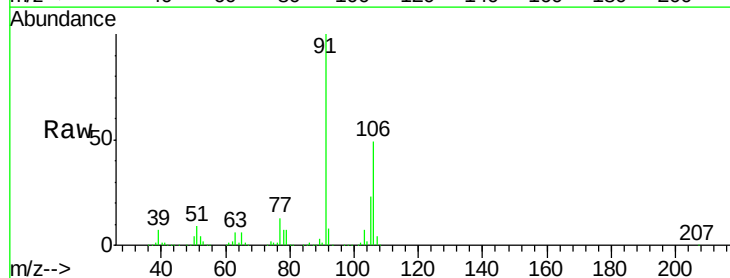
Manual Integrations
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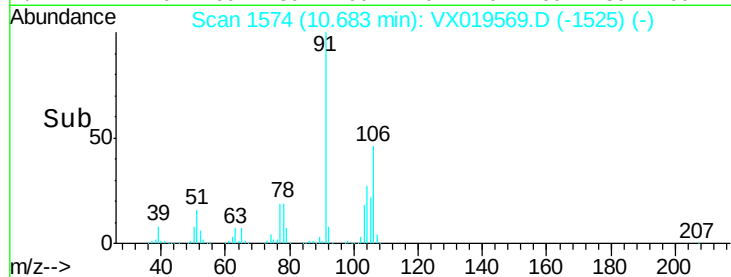
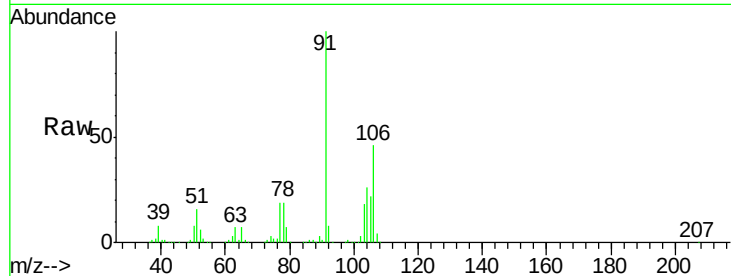
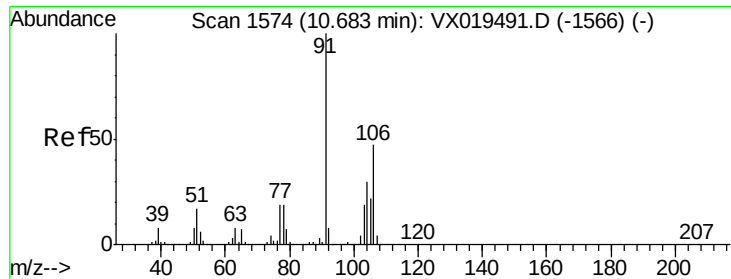
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#68
m/p-Xylenes
Concen: 38.288 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion: 106 Resp: 212878
Ion Ratio Lower Upper
106 100
91 206.0 163.3 244.9





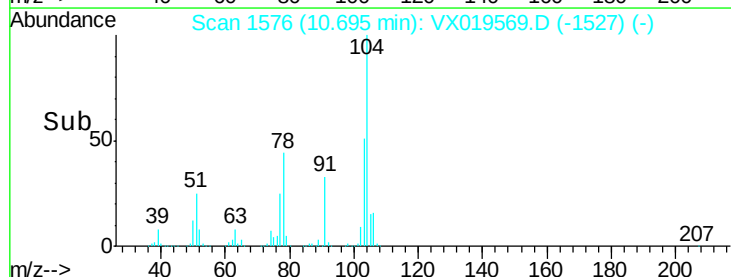
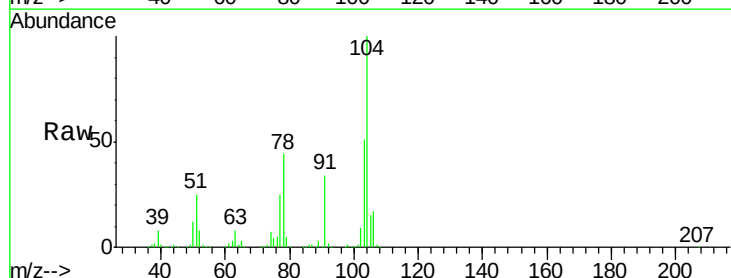
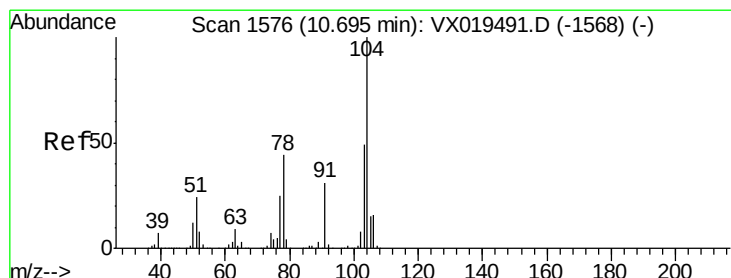
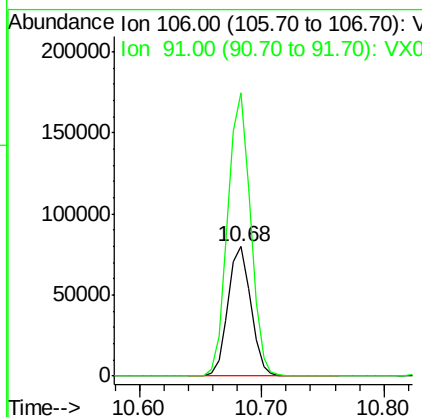
#69
o-Xylene
Concen: 19.512 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.9	108.0	324.0

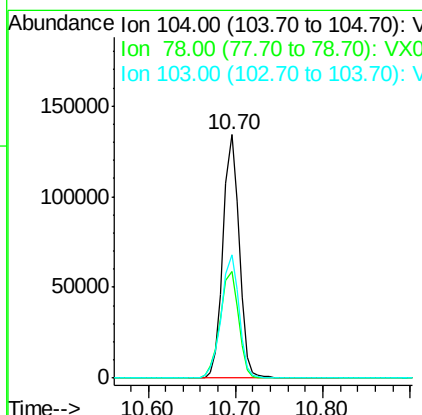
Manual Integrations
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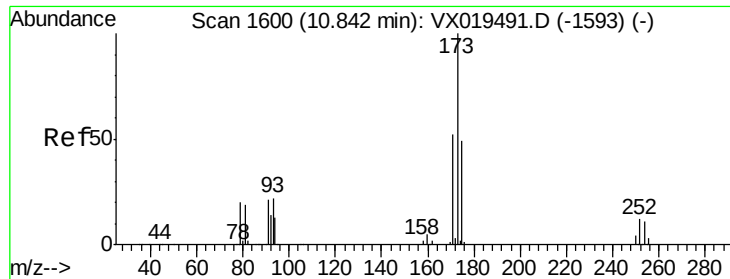
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#70
Styrene
Concen: 18.489 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	39.5	59.3
103	55.3	43.6	65.4





#71

Bromoform

Concen: 18.899 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion:173 Resp: 43268

Ion Ratio Lower Upper

173 100

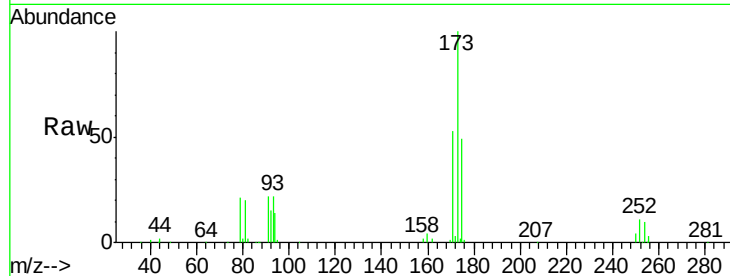
175 47.3 24.9 74.8

254 0.1 0.1 0.1#

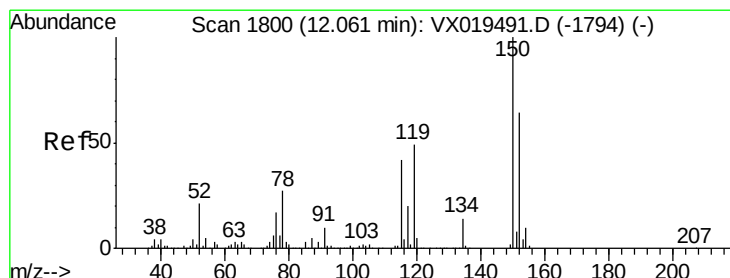
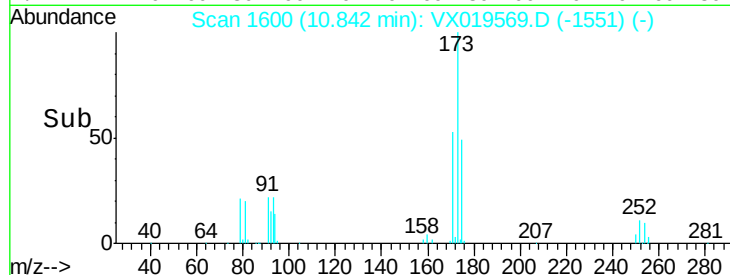
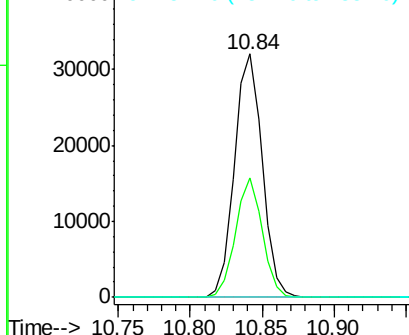
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

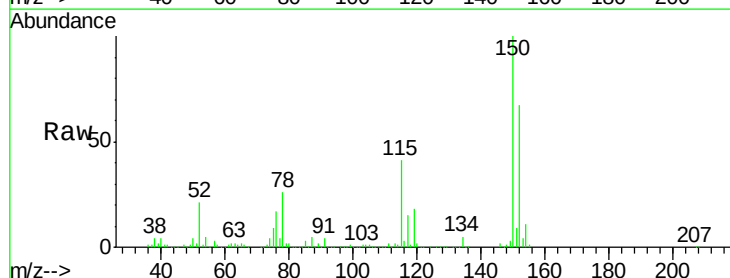
Tgt Ion:152 Resp: 197610

Ion Ratio Lower Upper

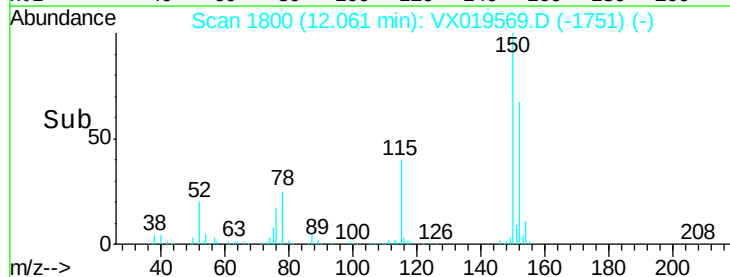
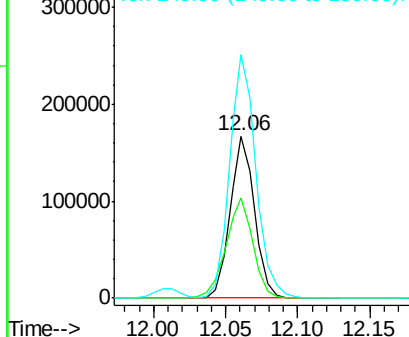
152 100

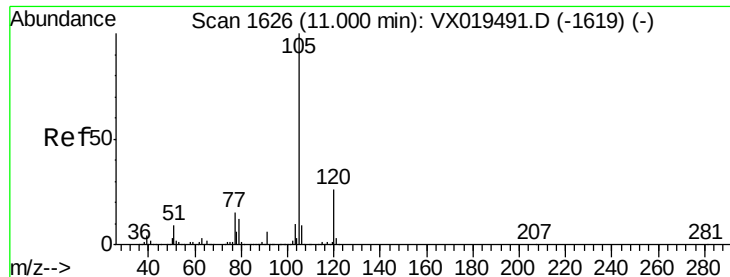
115 68.4 41.8 125.4

150 162.0 0.0 348.2



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: 20.198 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion: 105 Resp: 276107

Ion Ratio Lower Upper

105 100

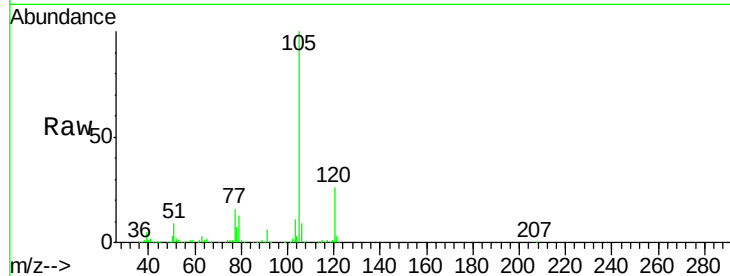
120 26.5 13.0 39.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

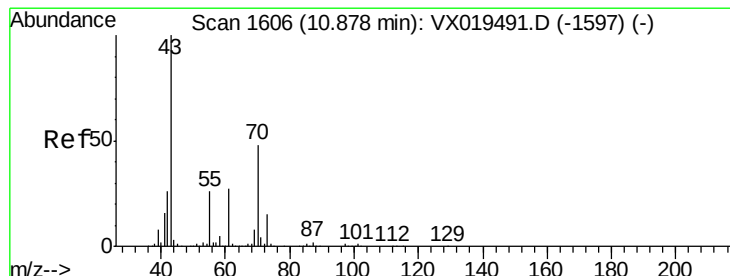
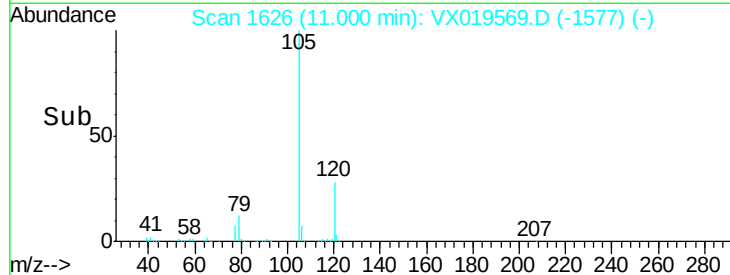
50000

0

Time--> 10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 20.168 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion: 43 Resp: 103311

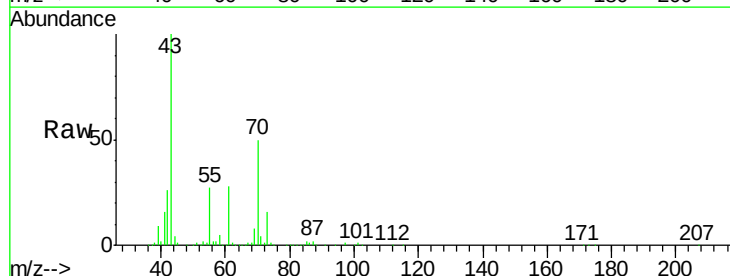
Ion Ratio Lower Upper

43 100

70 50.7 39.7 59.5

55 27.2 21.8 32.6

61 28.1 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

60000

40000

20000

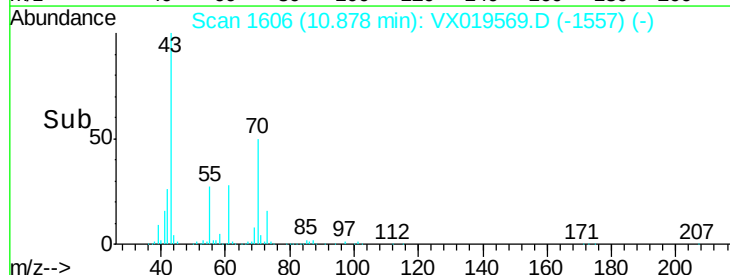
0

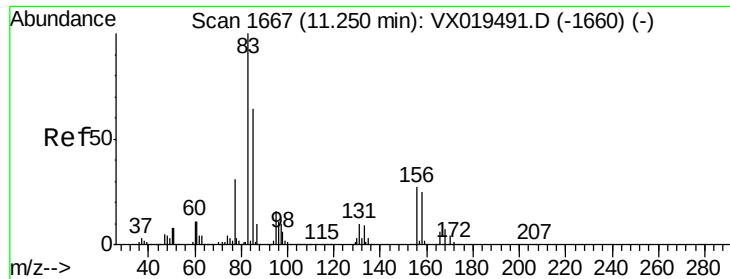
Time--> 10.80

10.85

10.90

10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 19.667 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

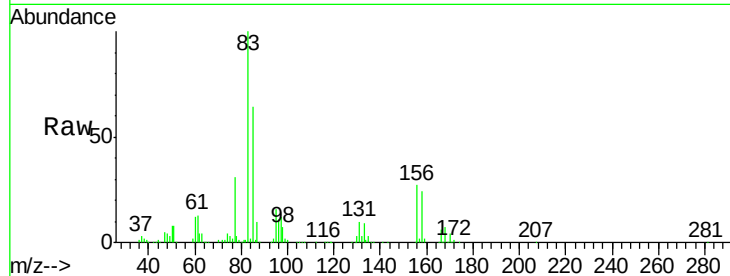
ClientSampleId :

VX1123WBSD02

Tot Ion	83	Resp	96142
Ion Ratio	100	Lower	Upper
83	100		
131	10.3	5.0	15.0
85	64.4	32.4	97.2

Manual Integrations
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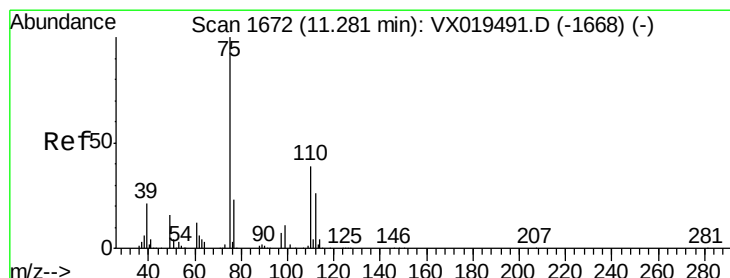
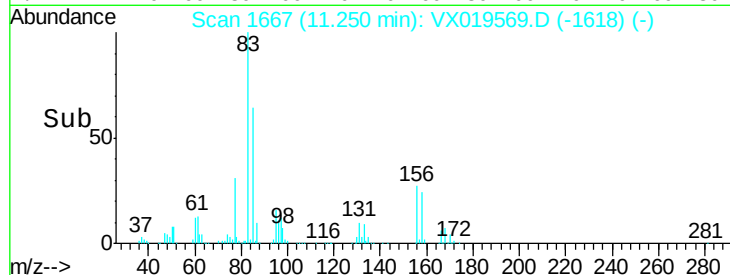
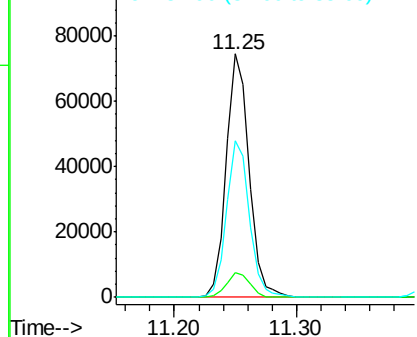
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.954 ug/l m

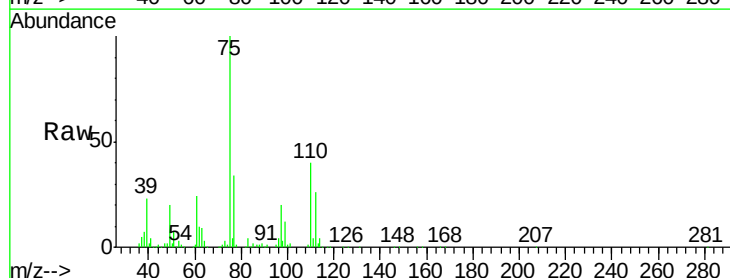
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019569.D

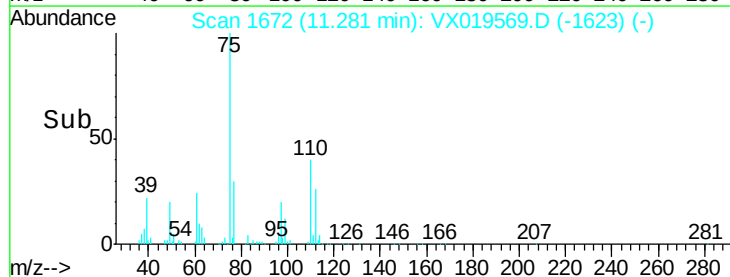
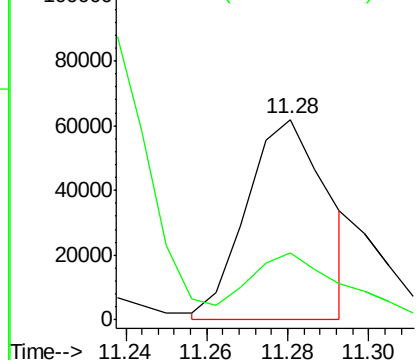
Acq: 23 Nov 2020 23:15

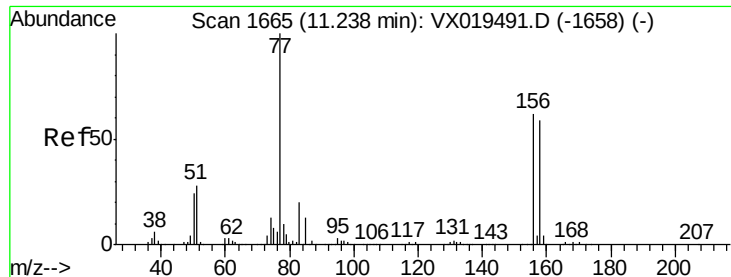
Tgt Ion	75	Resp	86050
Ion Ratio	100	Lower	Upper
75	100		
77	39.3	20.0	60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.922 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

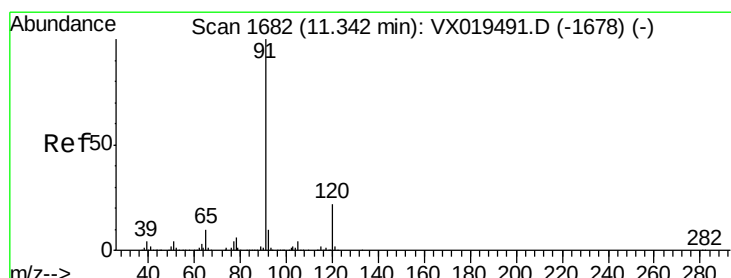
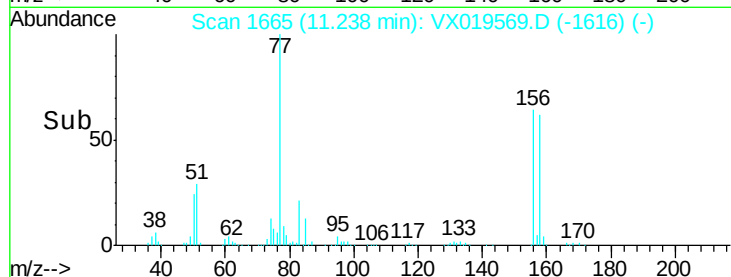
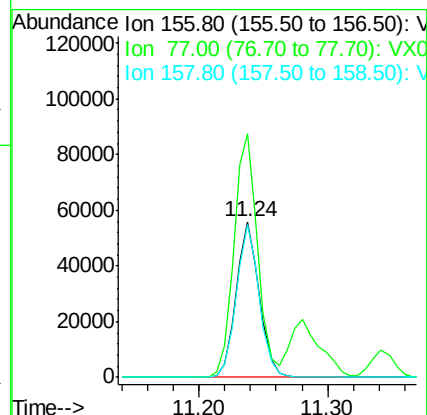
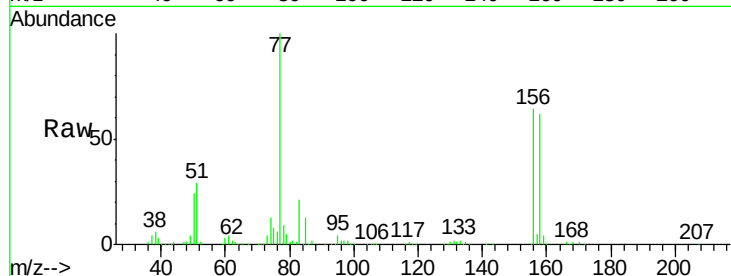
ClientSampleId :

VX1123WBSD02

Tot Ion:	156	Resp:	69524
Ion Ratio	Lower	Upper	
156	100		
77	161.9	82.5	247.3
158	97.5	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 19.285 ug/l

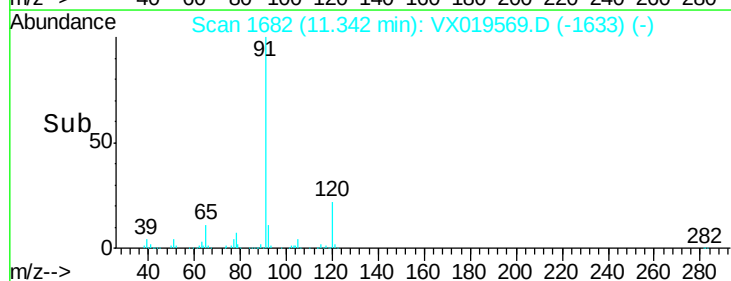
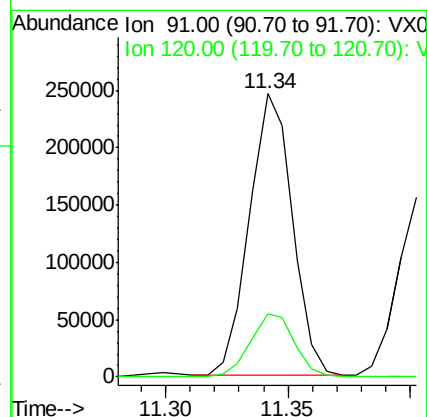
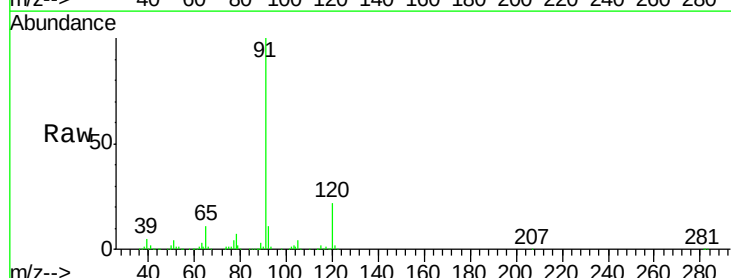
RT: 11.34 min Scan# 1682

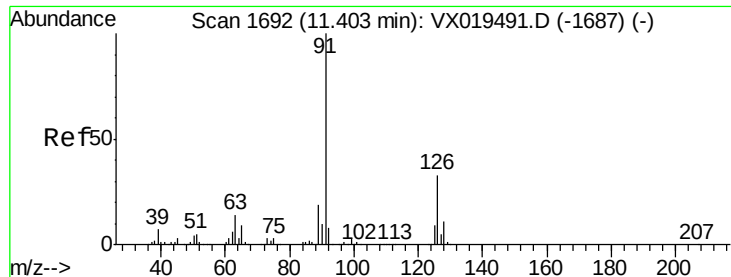
Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion:	91	Resp:	302432
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.829 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion: 91 Resp: 188594

Ion Ratio Lower Upper

91 100

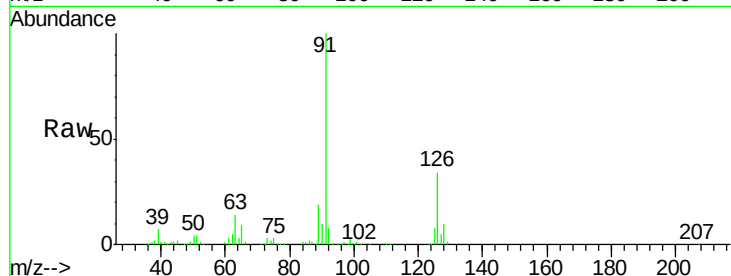
126 34.7 16.7 50.0

Manual Integrations

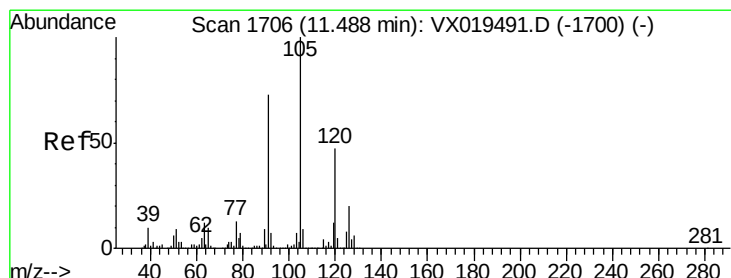
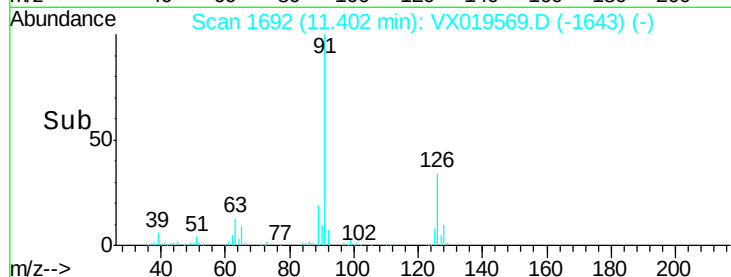
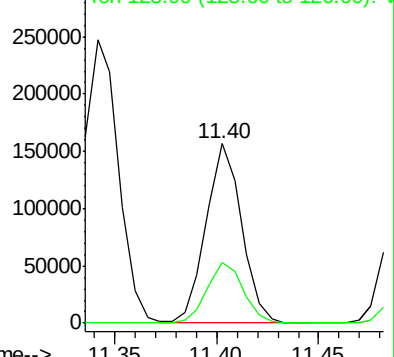
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Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 19.992 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019569.D

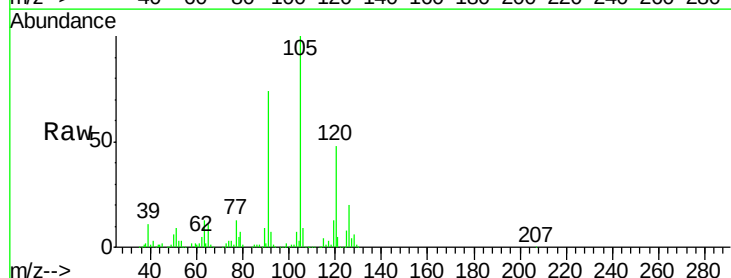
Acq: 23 Nov 2020 23:15

Tgt Ion: 105 Resp: 229258

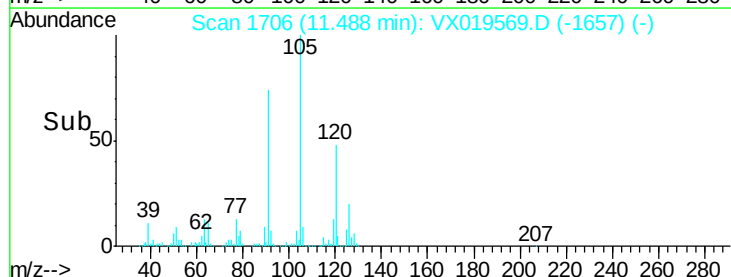
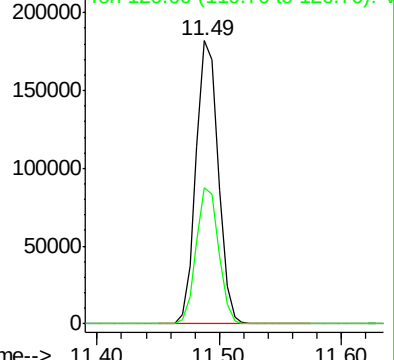
Ion Ratio Lower Upper

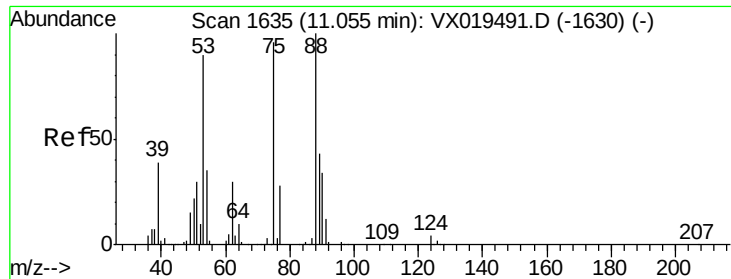
105 100

120 48.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V





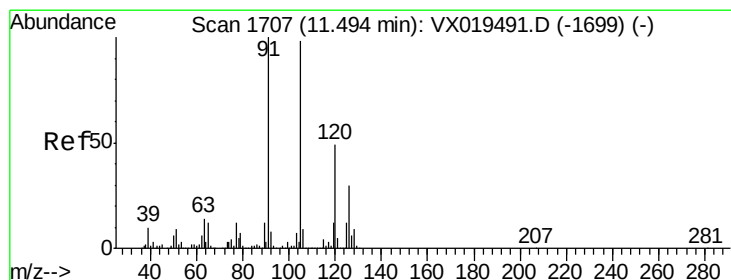
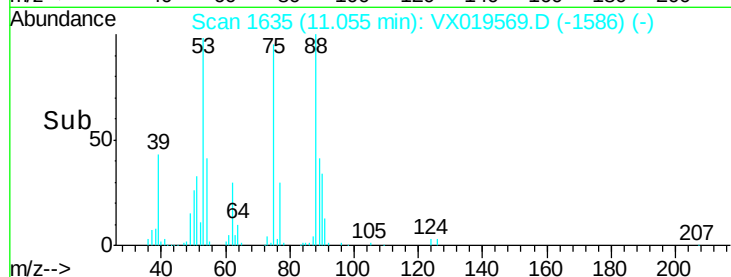
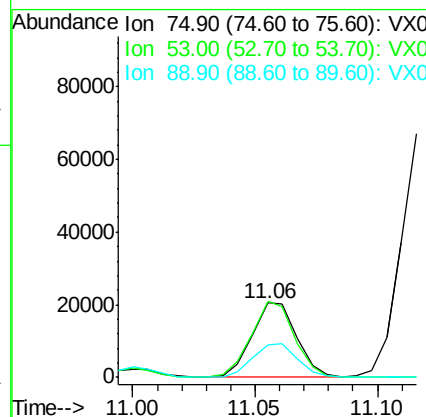
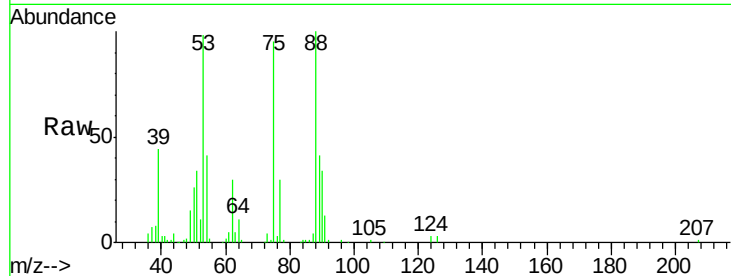
#81
trans-1,4-Dichloro-2-butene
Concen: 19.098 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.1	73.9	110.9
89	46.2	37.3	55.9

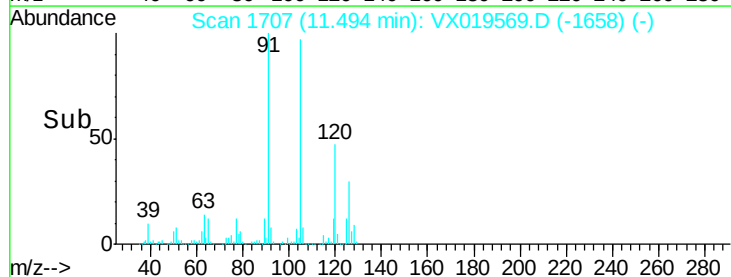
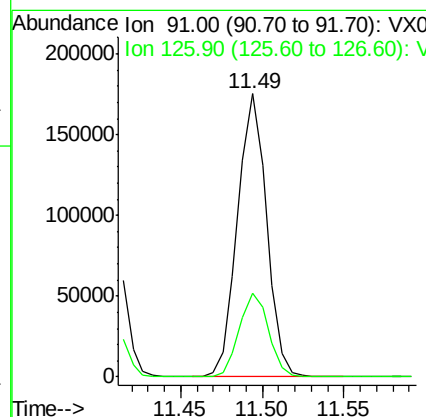
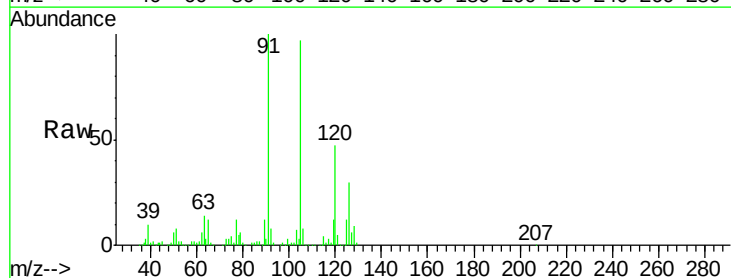
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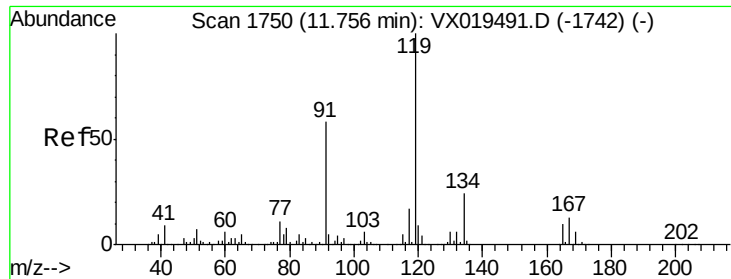
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.438 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.9	44.7





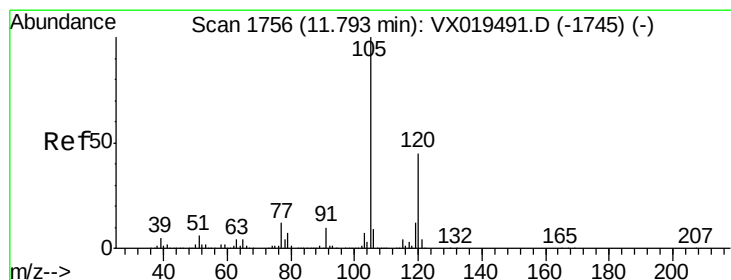
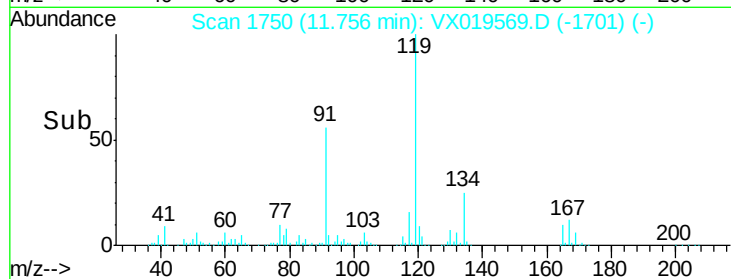
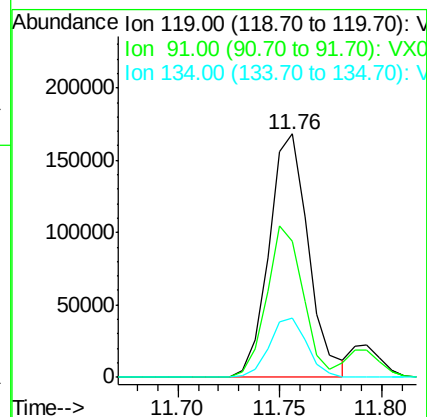
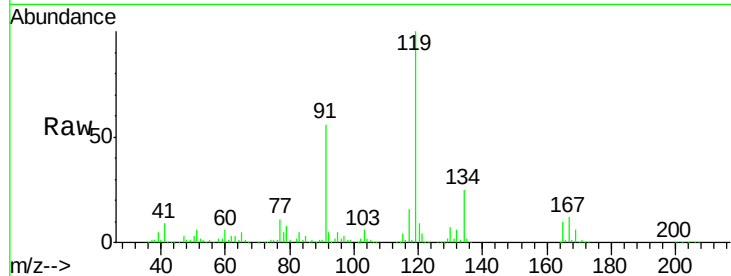
#83
 tert-Butylbenzene
 Concen: 20.442 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	226789		
91	57.2		28.9	86.8
134	23.4		11.7	35.0

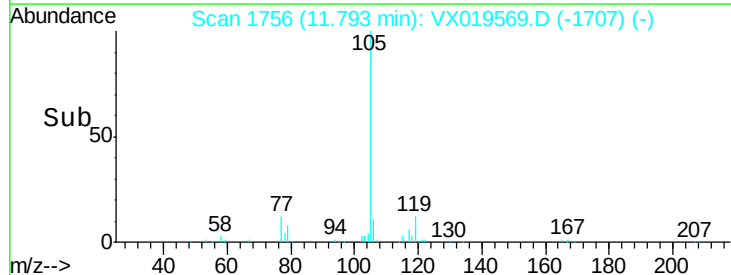
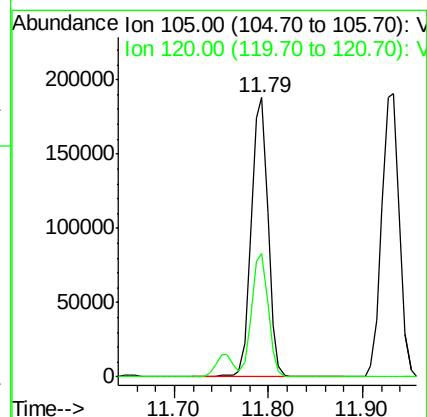
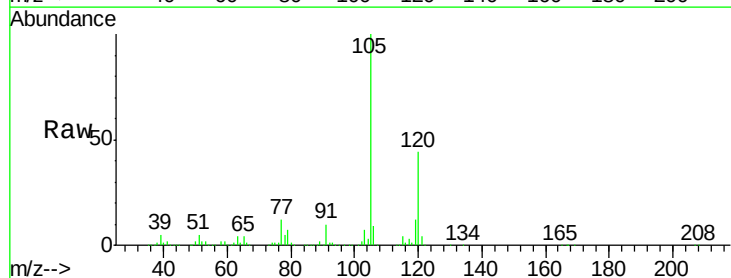
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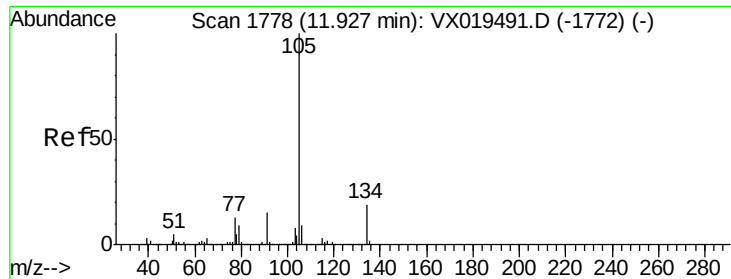
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.048 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232613		
120	43.9		22.2	66.6





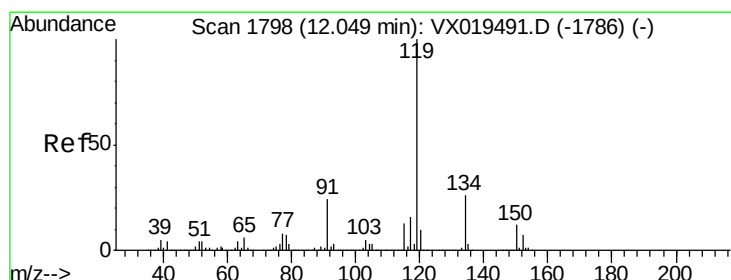
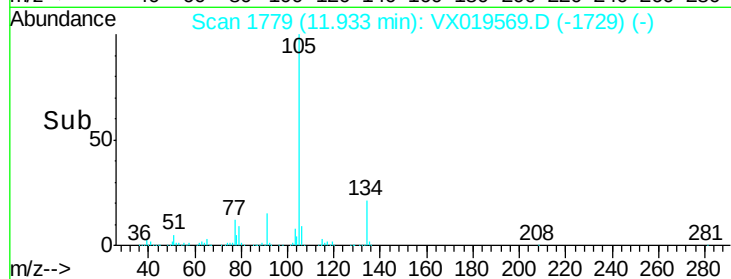
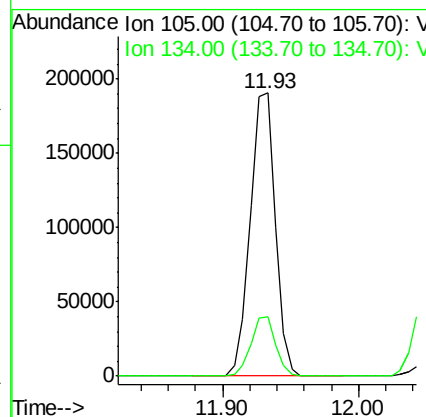
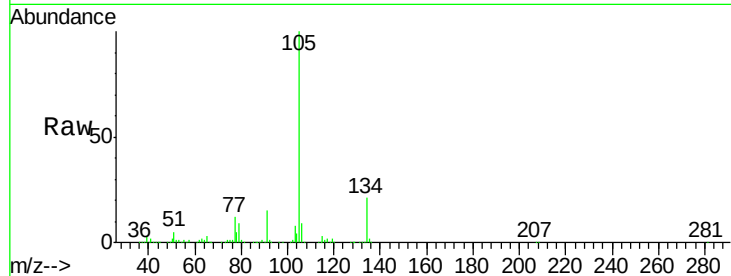
#85
 sec-Butylbenzene
 Concen: 18.731 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.1	30.3

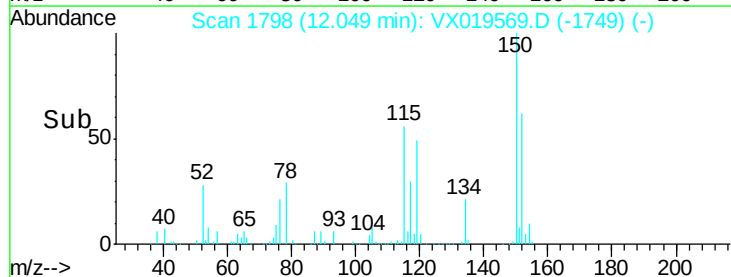
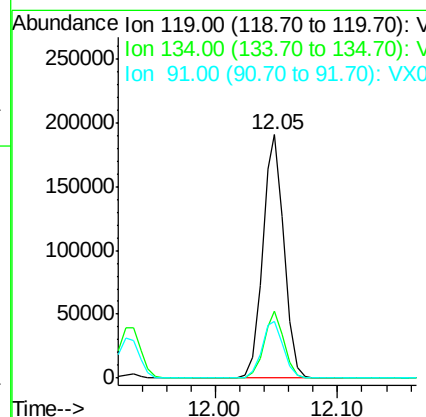
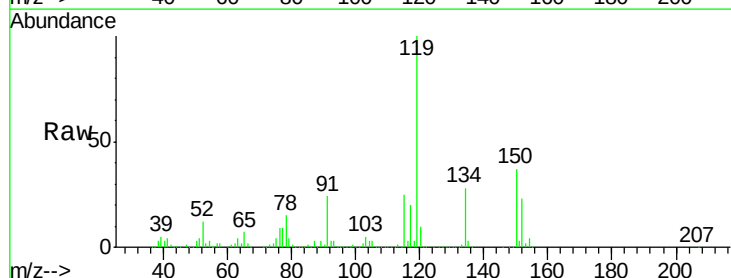
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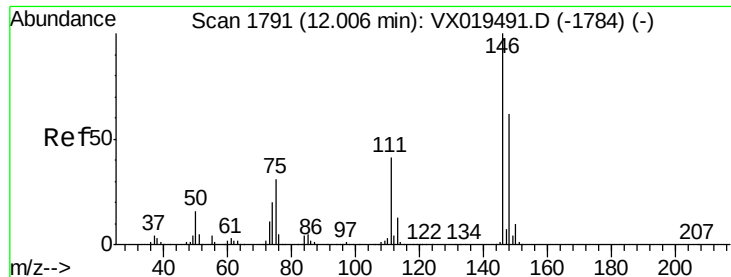
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#86
 p-Isopropyltoluene
 Concen: 19.187 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.3
91	23.9	11.8	35.4





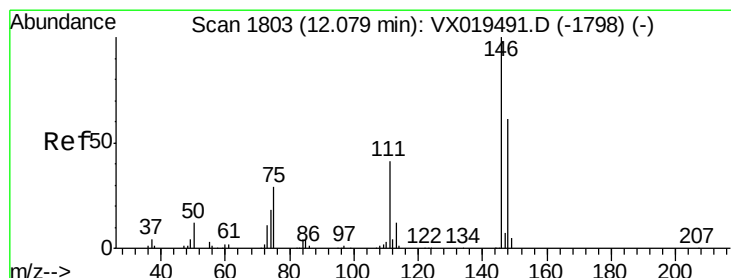
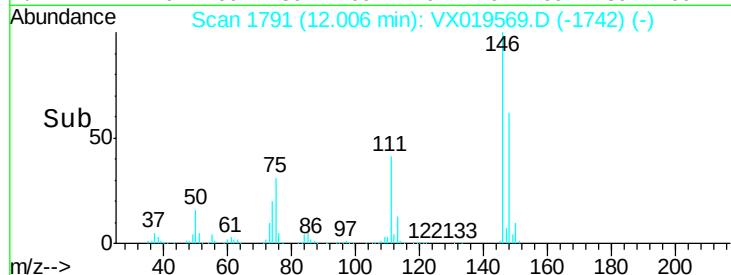
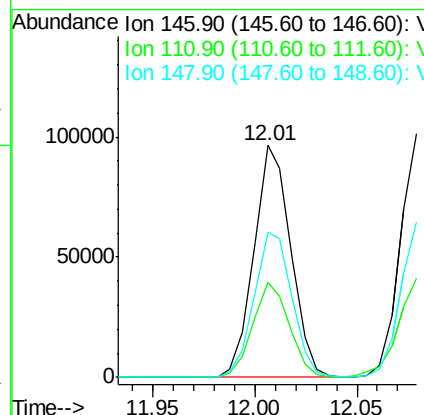
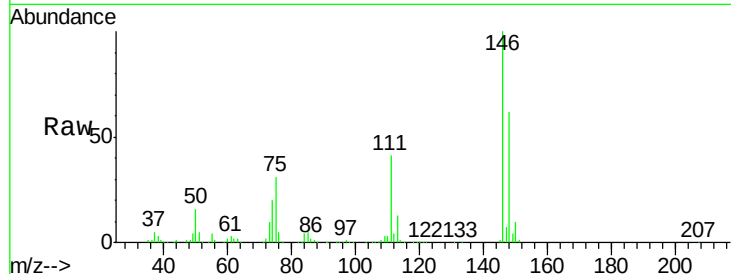
#87
 1,3-Dichlorobenzene
 Concen: 18.972 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	121593		
111	40.6	20.2	60.6	
148	64.5	31.4	94.2	

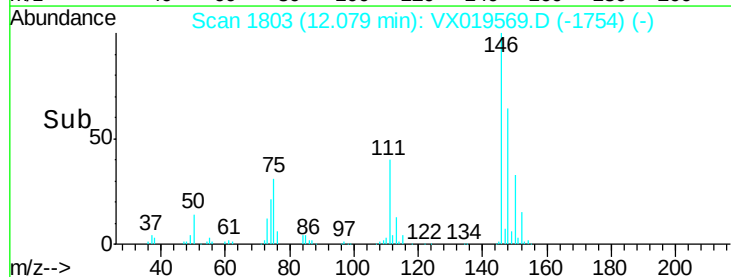
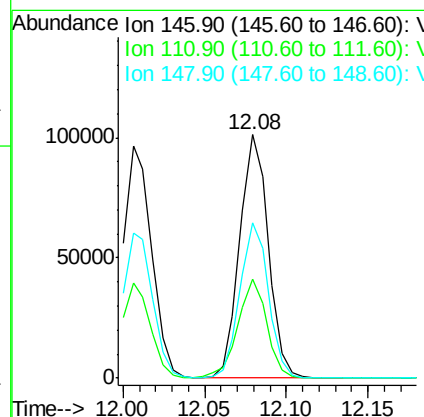
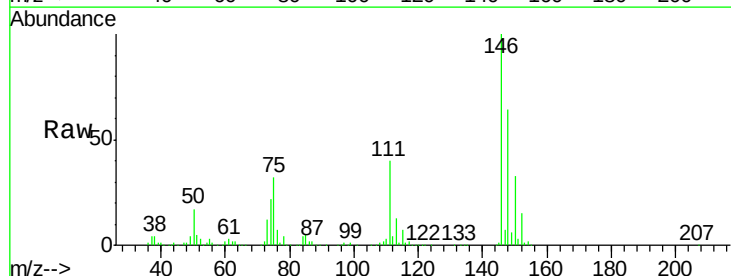
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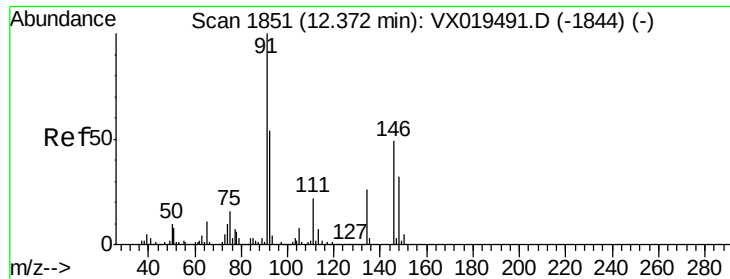
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#88
 1,4-Dichlorobenzene
 Concen: 18.705 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123485		
111	41.2	19.9	59.6	
148	64.0	31.7	95.1	





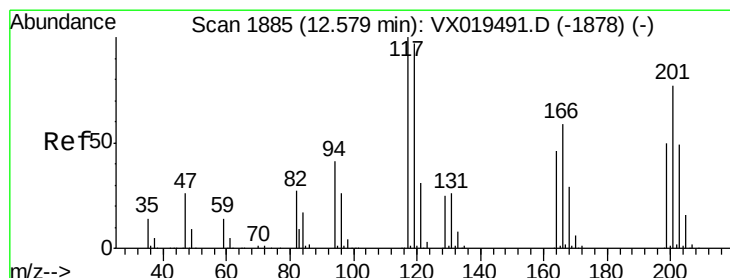
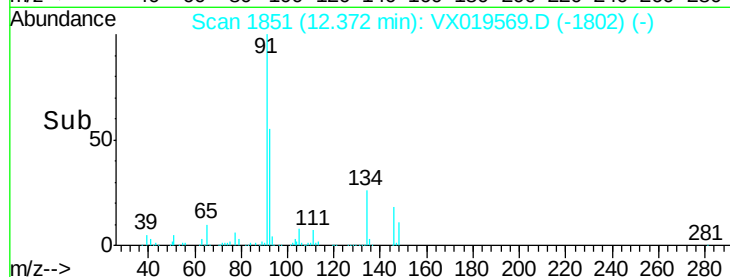
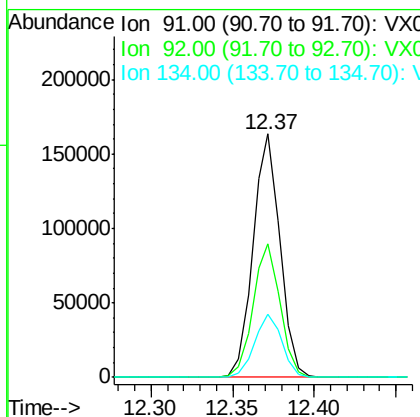
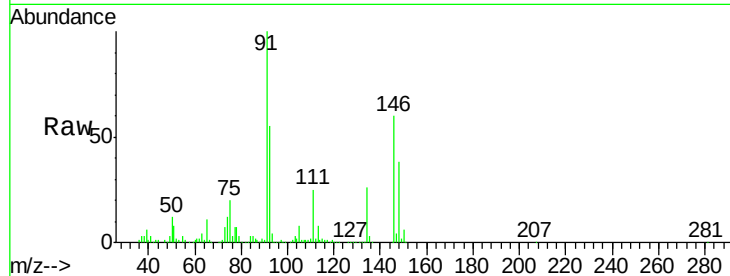
#89
n-Butylbenzene
Concen: 17.354 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	26.9	80.6
134	26.3	12.9	38.6

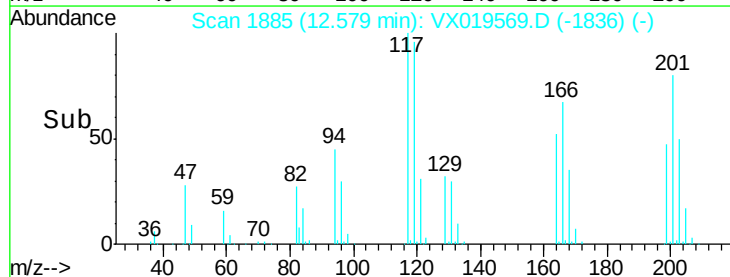
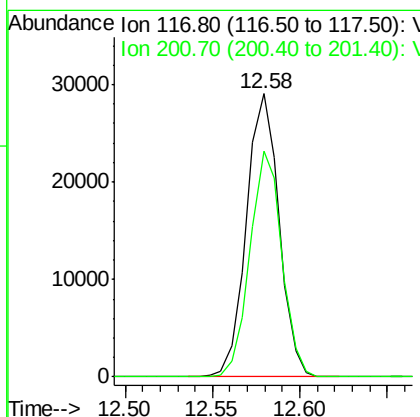
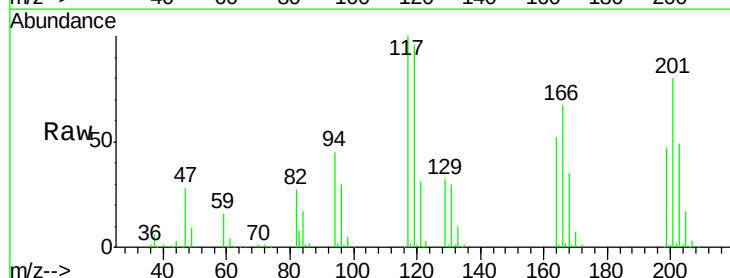
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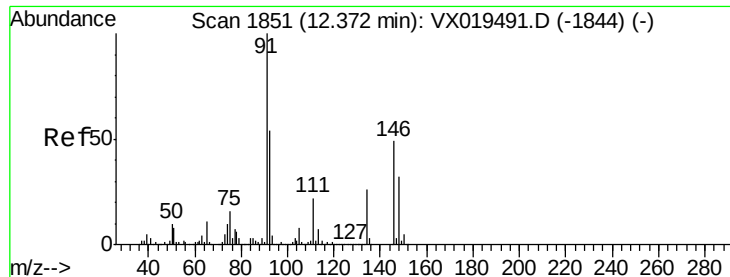
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#90
Hexachloroethane
Concen: 18.738 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	39.4	118.2





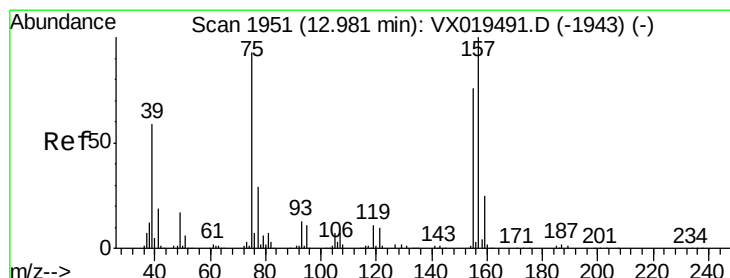
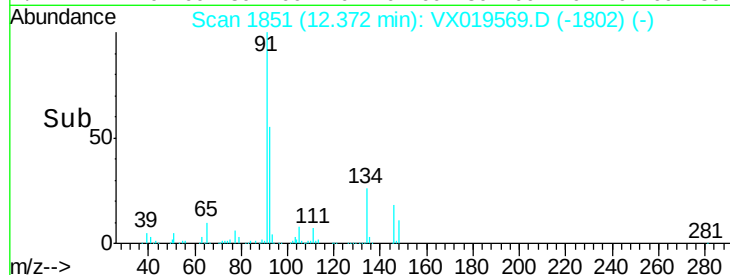
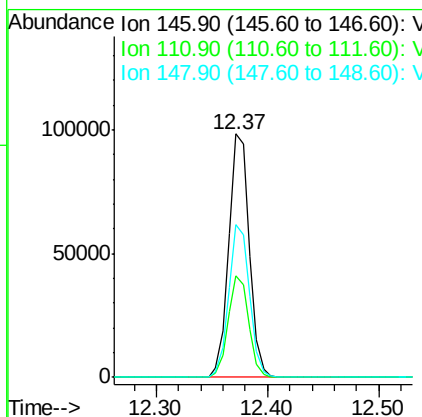
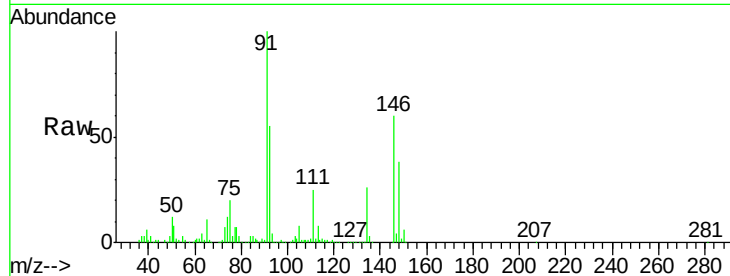
#91
 1,2-Dichlorobenzene
 Concen: 19.509 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.4	21.1	63.3	
148	63.0	32.4	97.0	

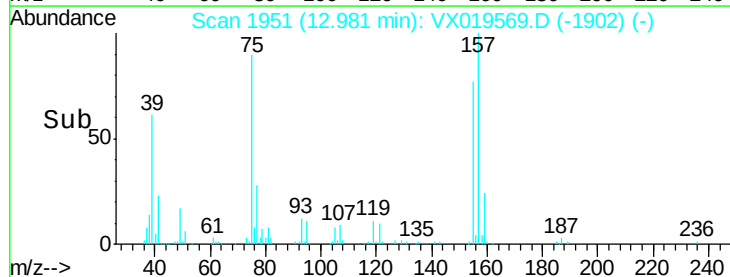
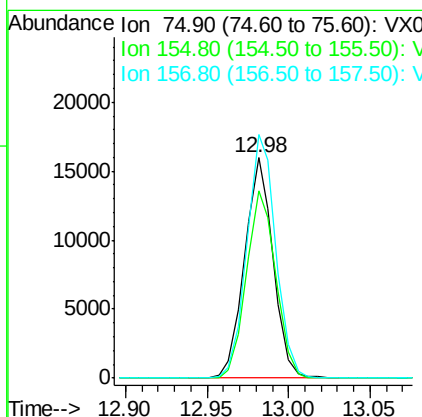
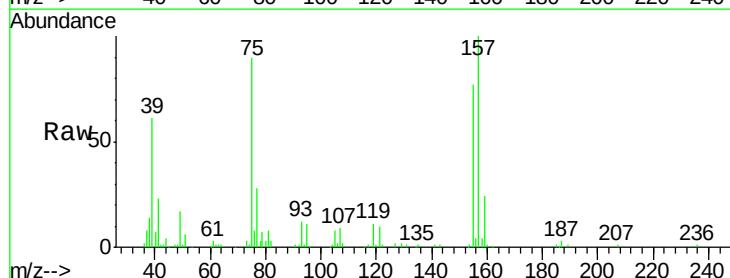
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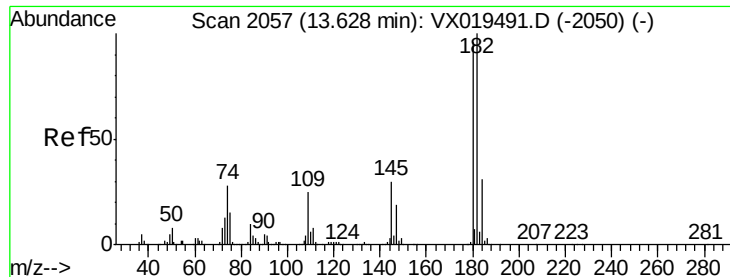
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.518 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	87.2	43.6	130.9	
157	112.0	57.0	170.8	





#93

1,2,4-Trichlorobenzene

Concen: 18.252 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

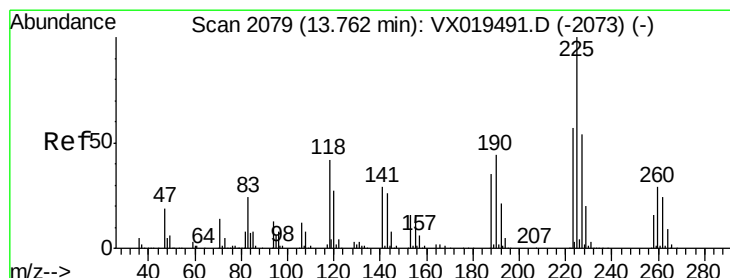
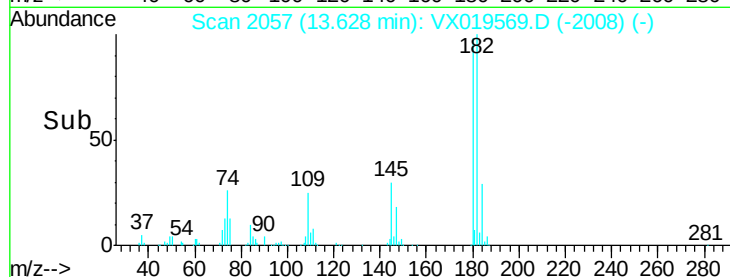
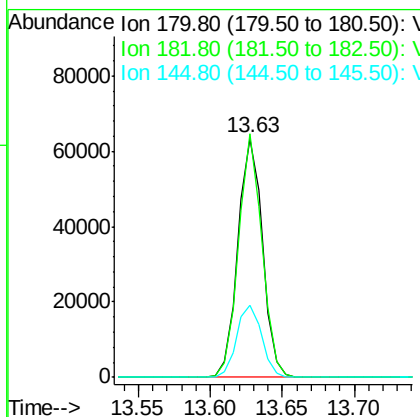
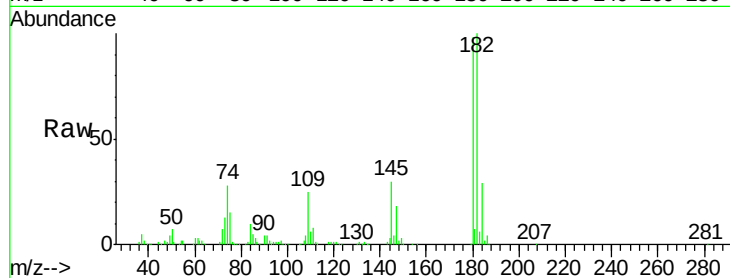
ClientSampleId :

VX1123WBSD02

Tot Ion:	180	Resp:	75428
Ion Ratio	Lower	Upper	
180	100		
182	97.2	48.6	145.9
145	30.9	15.9	47.7

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 17.357 ug/l

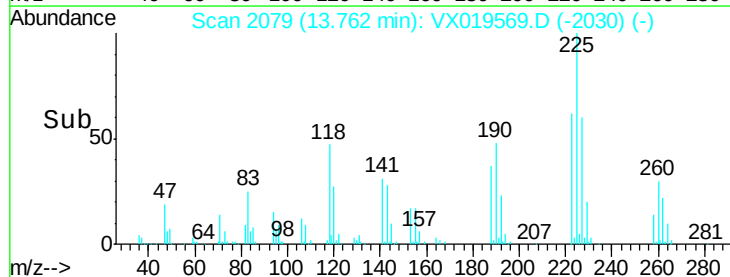
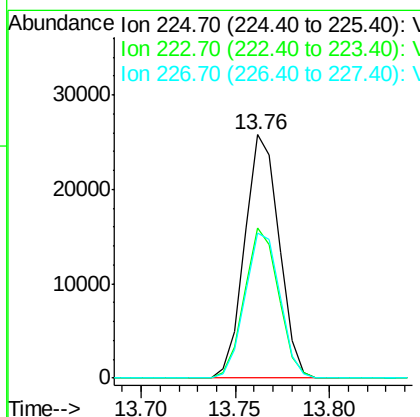
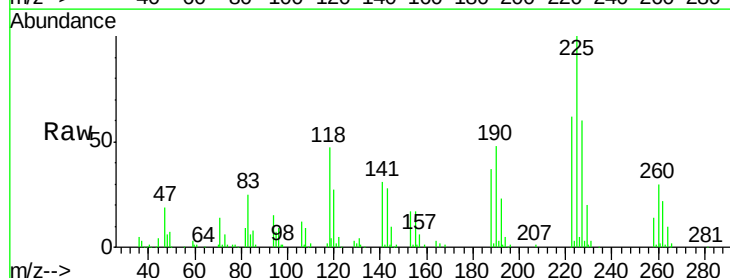
RT: 13.76 min Scan# 2079

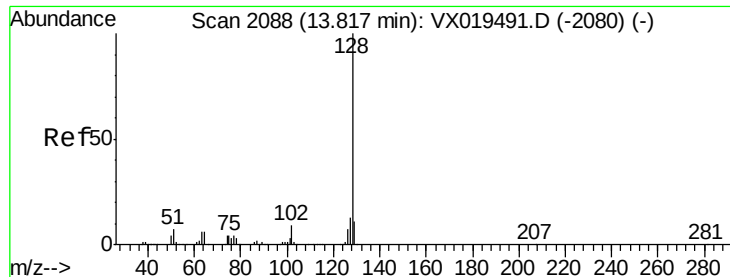
Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion:	225	Resp:	32676
Ion Ratio	Lower	Upper	
225	100		
223	60.8	32.5	97.5
227	60.6	32.8	98.3





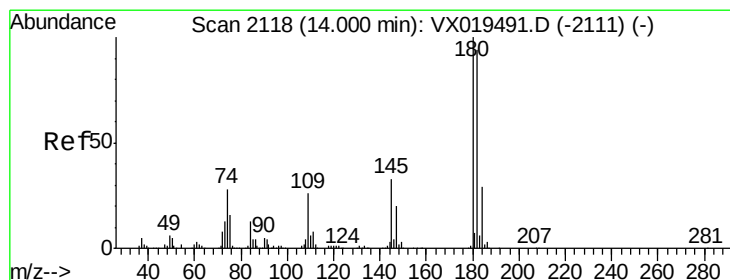
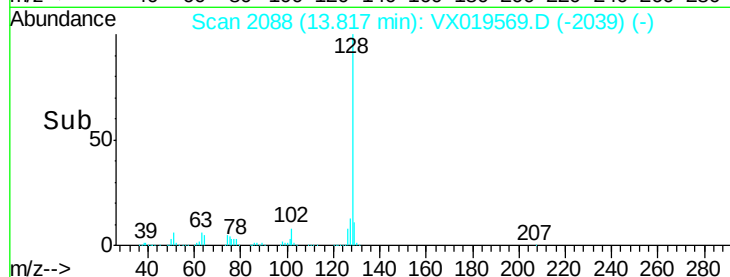
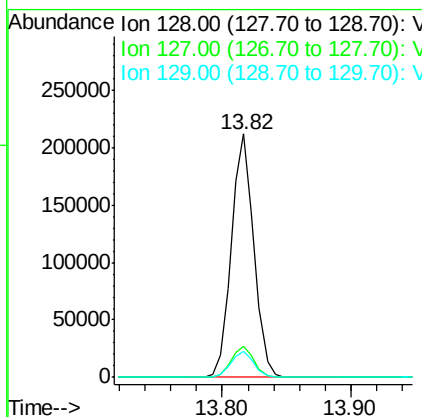
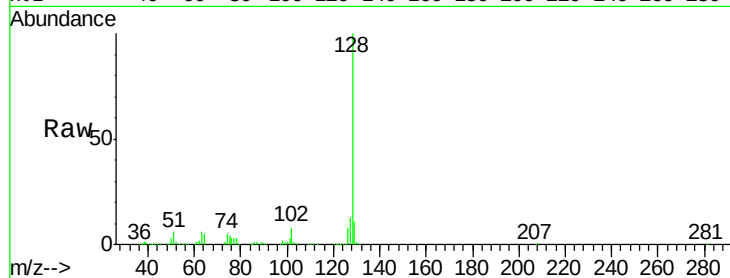
#95
Naphthalene
Concen: 19.161 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/24/2020 1:09:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.585 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.1	144.3
145	32.7	16.6	49.8

