

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019568.D
 Acq On : 23 Nov 2020 22:52
 Operator : JC/MD
 Sample : VX1123WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 1:09:37 PM

Quant Time: Nov 24 05:07:15 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	276109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	472985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193069	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	180792	50.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.00%
35) Dibromofluoromethane	5.46	113	146991	49.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.02%
50) Toluene-d8	8.70	98	540366	46.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.68%
62) 4-Bromofluorobenzene	11.12	95	195508	47.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	50131	18.671	ug/l 98
3) Chloromethane	1.31	50	52289	16.971	ug/l 98
4) Vinyl Chloride	1.39	62	60742	18.314	ug/l 99
5) Bromomethane	1.62	94	22465	17.882	ug/l 96
6) Chloroethane	1.70	64	22721	26.096	ug/l 95
7) Trichlorofluoromethane	1.90	101	91776	19.171	ug/l 95
8) Diethyl Ether	2.17	74	38146	19.897	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50446	18.889	ug/l 98
10) Methyl Iodide	2.48	142	62831	17.908	ug/l 100
11) Tert butyl alcohol	3.04	59	70116	103.490	ug/l 99
12) 1,1-Dichloroethene	2.35	96	52614	19.194	ug/l 96
13) Acrolein	2.28	56	33483	73.521	ug/l 99
14) Allyl chloride	2.70	41	75803	17.652	ug/l 97
15) Acrylonitrile	3.12	53	150616	94.264	ug/l 99
16) Acetone	2.42	43	124355	89.823	ug/l 100
17) Carbon Disulfide	2.54	76	123626	16.787	ug/l 99
18) Methyl Acetate	2.75	43	66397	19.946	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	192743	20.370	ug/l 95
20) Methylene Chloride	2.83	84	61431	17.753	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	58120	18.714	ug/l 94
22) Diisopropyl ether	3.82	45	174155	19.604	ug/l 98
23) Vinyl Acetate	3.78	43	729888	97.953	ug/l 100
24) 1,1-Dichloroethane	3.67	63	104725	19.273	ug/l 99
25) 2-Butanone	4.64	43	193191	92.894	ug/l 98
26) 2,2-Dichloropropane	4.54	77	77663	16.375	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	70103	19.650	ug/l 97
28) Bromochloromethane	4.98	49	46049	17.726	ug/l 95
29) Tetrahydrofuran	5.09	42	123847	93.332	ug/l 97
30) Chloroform	5.18	83	110698	19.483	ug/l 98
31) Cyclohexane	5.54	56	86932	18.670	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	96458	19.764	ug/l 99
36) 1,1-Dichloropropene	5.76	75	80349	18.120	ug/l 99
37) Ethyl Acetate	4.79	43	78054	18.750	ug/l 98
38) Carbon Tetrachloride	5.75	117	79421	18.504	ug/l 95

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Manual Integrations
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 11/24/2020 1:09:37 PM

Quant Time: Nov 24 05:07:15 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	7.43	83	88992	17.236	ug/l	98
40) Benzene	6.11	78	251597	18.467	ug/l	100
41) Methacrylonitrile	5.01	41	41860	18.235	ug/l	99
42) 1,2-Dichloroethane	6.16	62	87847	18.812	ug/l	99
43) Isopropyl Acetate	6.42	43	125677	17.960	ug/l	100
44) Trichloroethene	7.18	130	76573	21.457	ug/l	97
45) 1,2-Dichloropropane	7.49	63	61701	18.396	ug/l	97
46) Dibromomethane	7.63	93	42909	18.692	ug/l	99
47) Bromodichloromethane	7.87	83	80451	18.061	ug/l	95
48) Methyl methacrylate	7.74	41	61319	18.711	ug/l	99
49) 1,4-Dioxane	7.72	88	28825	387.378	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	378691	92.803	ug/l	99
52) Toluene	8.76	92	153916	18.467	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	85212	17.713	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	96266	18.031	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	61863	18.225	ug/l	97
56) Ethyl methacrylate	9.16	69	90816	18.908	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105096	18.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	243376	86.476	ug/l	98
59) 2-Hexanone	9.48	43	285659	92.303	ug/l	99
60) Dibromochloromethane	9.56	129	60137	18.088	ug/l	100
61) 1,2-Dibromoethane	9.65	107	64298	18.377	ug/l	98
64) Tetrachloroethene	9.32	164	56263	17.495	ug/l	97
65) Chlorobenzene	10.12	112	157907	18.772	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	58444	19.101	ug/l	99
67) Ethyl Benzene	10.23	91	281035	19.071	ug/l	98
68) m/p-Xylenes	10.34	106	208756	38.023	ug/l	100
69) o-Xylene	10.68	106	102184	19.470	ug/l	99
70) Styrene	10.70	104	170469	18.615	ug/l	99
71) Bromoform	10.84	173	40951	18.264	ug/l #	99
73) Isopropylbenzene	11.00	105	272907	20.433	ug/l	100
74) N-amyl acetate	10.88	43	102894	20.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	94829	19.854	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	85136m	20.206	ug/l	
77) Bromobenzene	11.24	156	67862	19.903	ug/l	98
78) n-propylbenzene	11.34	91	298799	19.501	ug/l	100
79) 2-Chlorotoluene	11.40	91	187496	20.178	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	228150	20.363	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	25570	19.237	ug/l	97
82) 4-Chlorotoluene	11.49	91	213590	19.526	ug/l	99
83) tert-Butylbenzene	11.76	119	223499	20.619	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	227224	20.044	ug/l	99
85) sec-Butylbenzene	11.93	105	249153	19.321	ug/l	99
86) p-Isopropyltoluene	12.05	119	228608	19.526	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	118394	18.908	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	119463	18.522	ug/l	99
89) n-Butylbenzene	12.37	91	184851	17.464	ug/l	99
90) Hexachloroethane	12.58	117	36598	18.681	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	118817	18.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18772	19.265	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

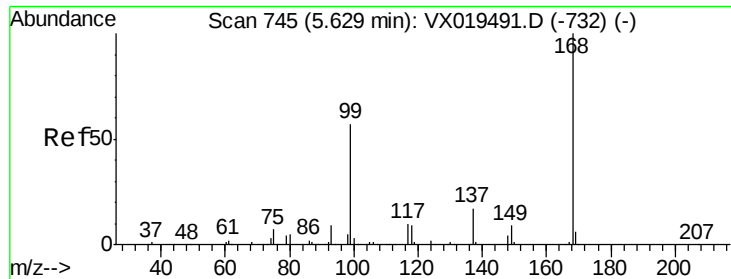
Manual Integrations
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Quant Time: Nov 24 05:07:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73225	18.136	ug/l	98
94) Hexachlorobutadiene	13.76	225	31041	16.876	ug/l	96
95) Naphthalene	13.82	128	249977	18.967	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	74218	18.377	ug/l	99

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



#1

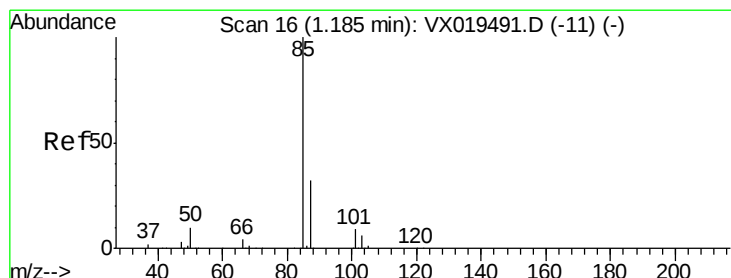
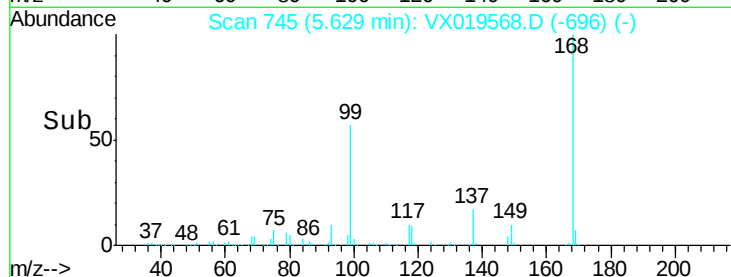
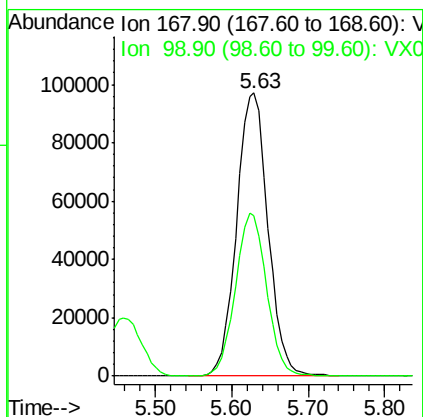
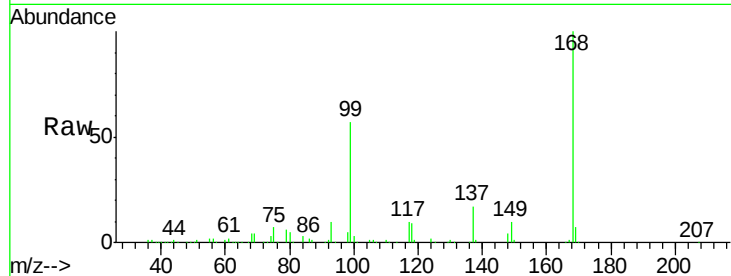
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.7	45.8	68.6

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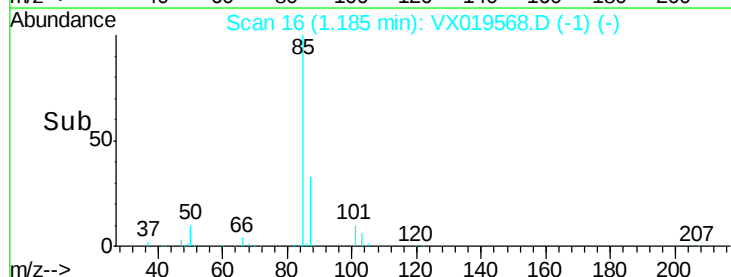
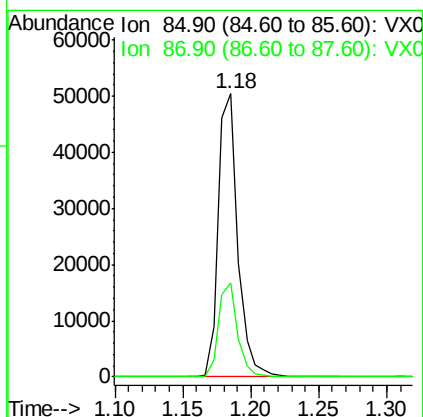
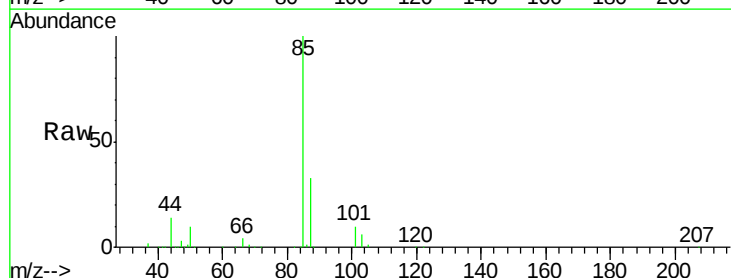
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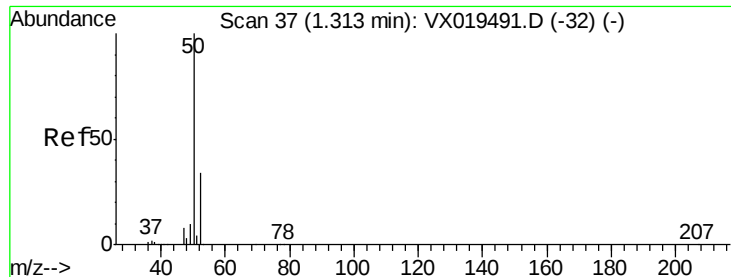


#2

Dichlorodifluoromethane
 Concen: 18.671 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.0	47.9





#3

Chloromethane

Concen: 16.971 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion: 50 Resp: 52289

Ion Ratio Lower Upper

50 100

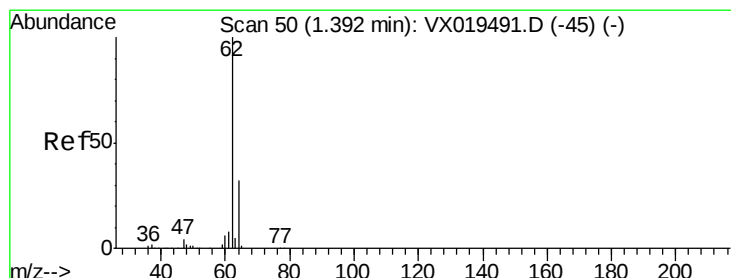
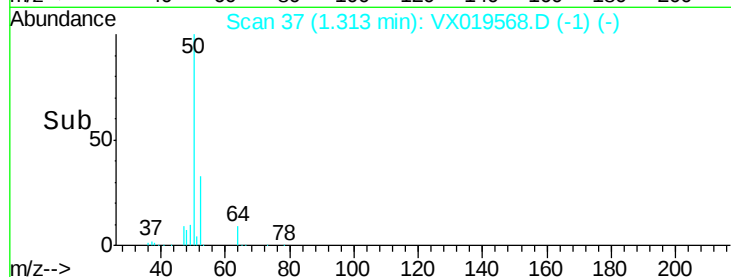
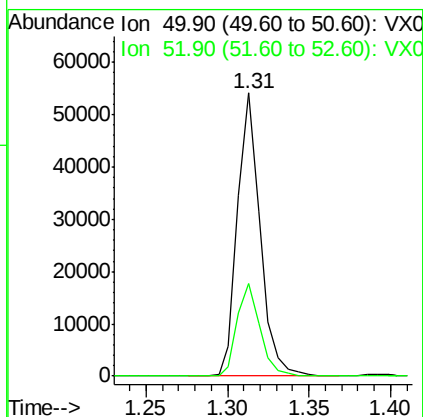
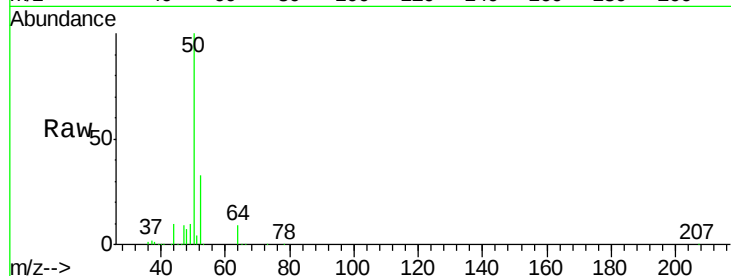
52 32.6 27.0 40.6

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#4

Vinyl Chloride

Concen: 18.314 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019568.D

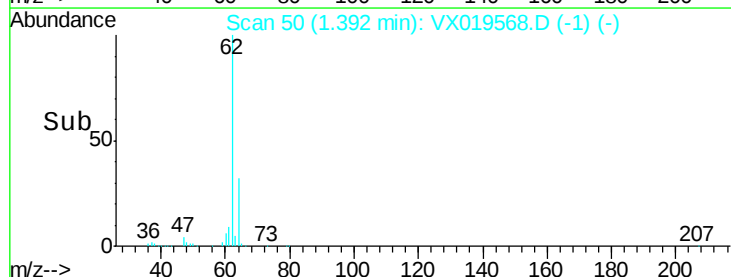
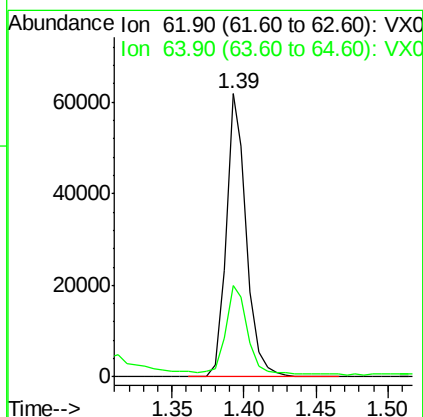
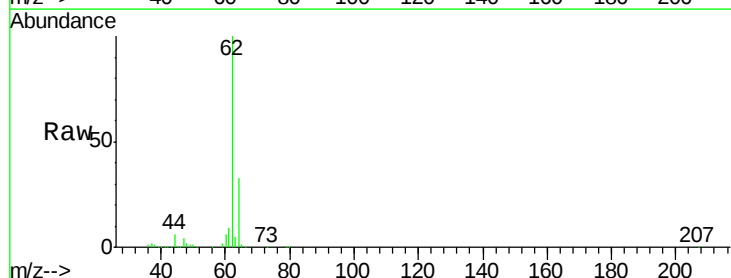
Acq: 23 Nov 2020 22:52

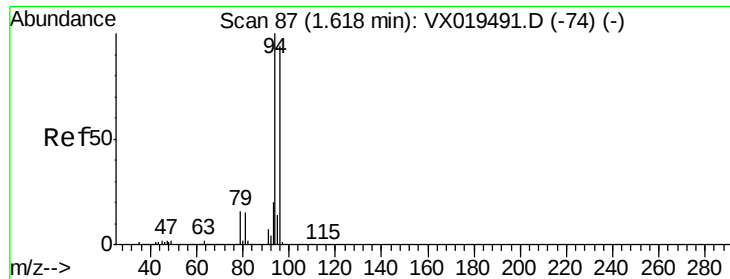
Tgt Ion: 62 Resp: 60742

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 17.882 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion: 94 Resp: 22465

Ion Ratio Lower Upper

94 100

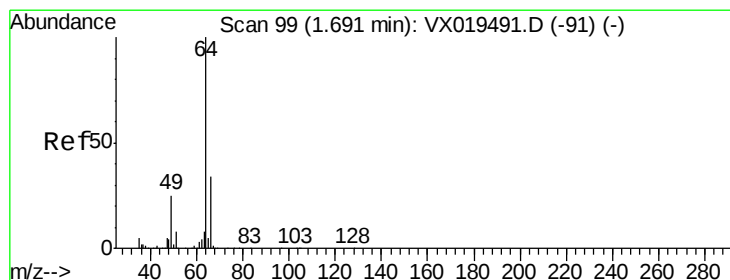
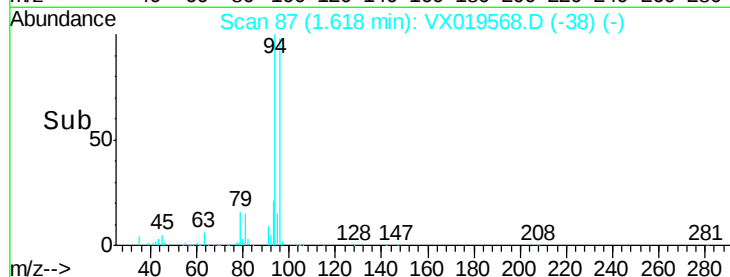
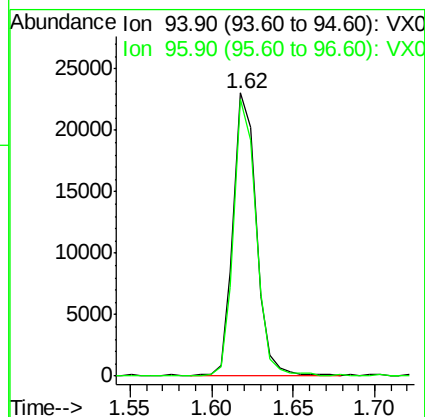
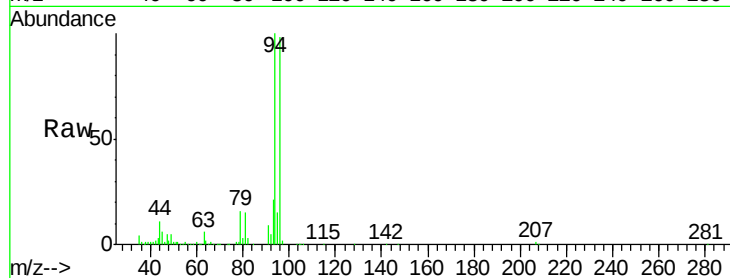
96 98.0 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 26.096 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019568.D

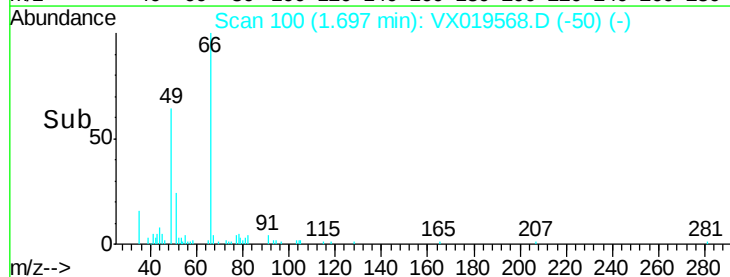
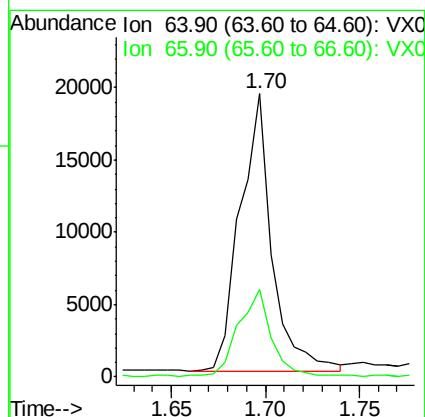
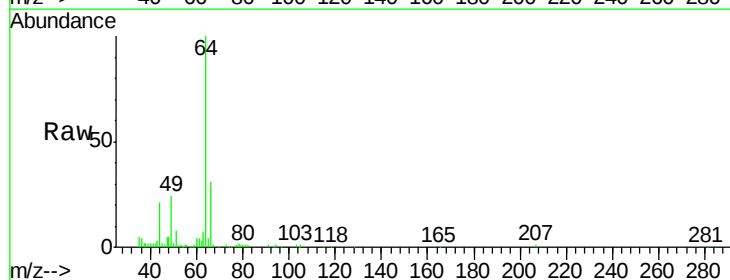
Acq: 23 Nov 2020 22:52

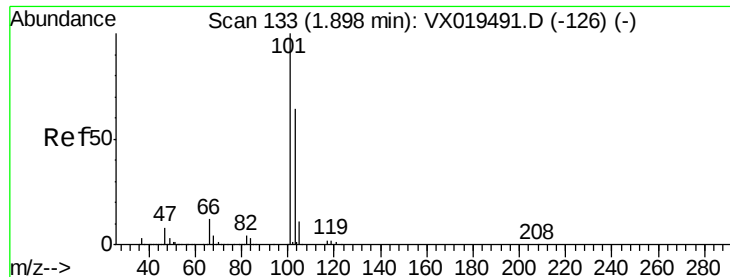
Tgt Ion: 64 Resp: 22721

Ion Ratio Lower Upper

64 100

66 31.2 27.1 40.7





#7

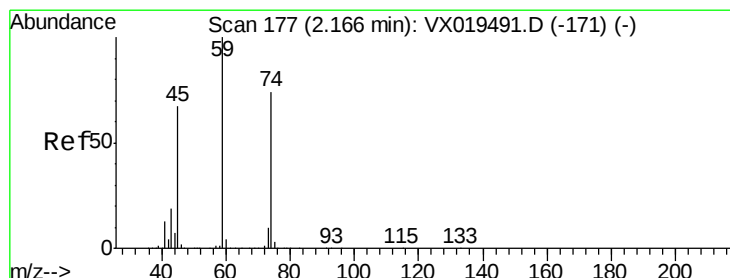
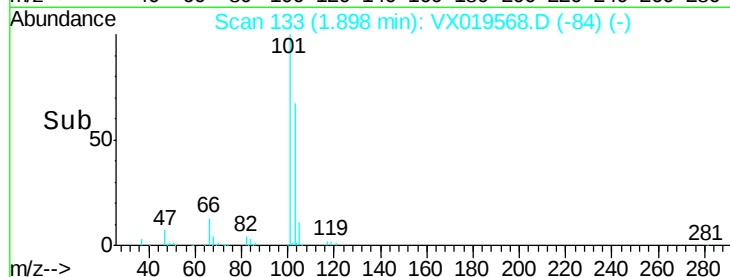
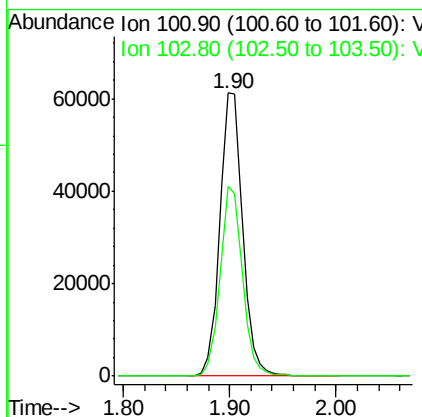
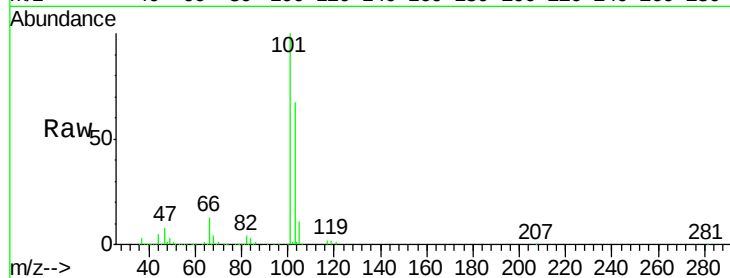
Trichlorofluoromethane
Concen: 19.171 ug/l
RT: 1.90 min Scan# 133
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion:101 Resp: 91776
Ion Ratio Lower Upper
101 100
103 67.2 50.9 76.3

Manual Integrations
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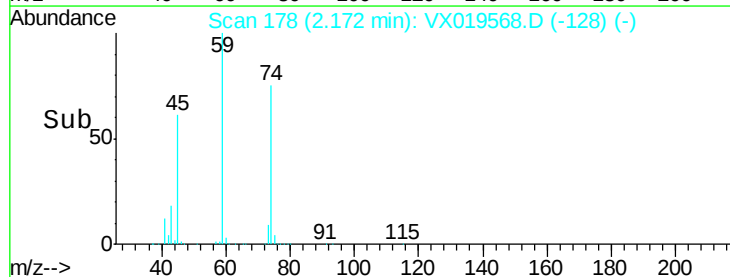
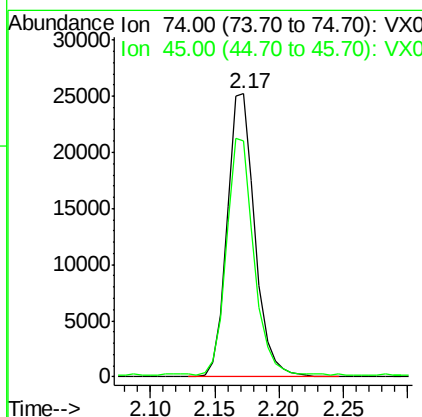
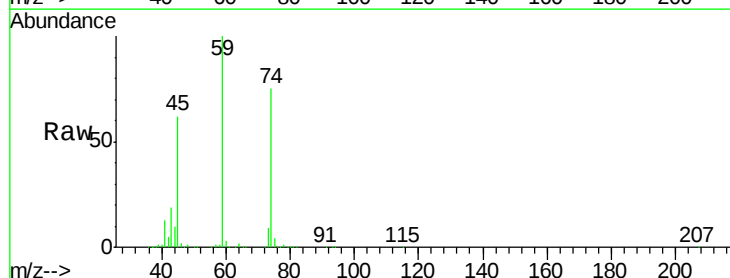
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11/24/2020 1:09:37 PM

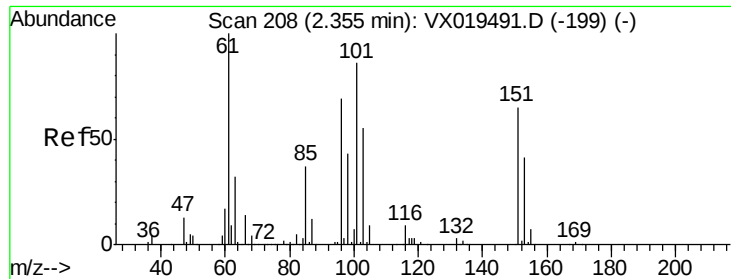


#8

Diethyl Ether
Concen: 19.897 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 74 Resp: 38146
Ion Ratio Lower Upper
74 100
45 82.8 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.889 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

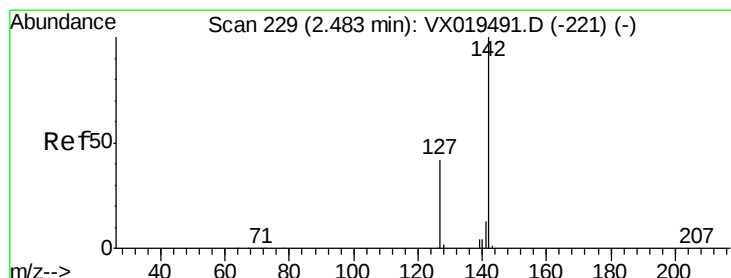
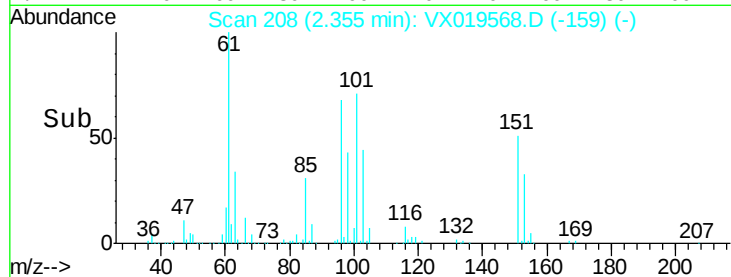
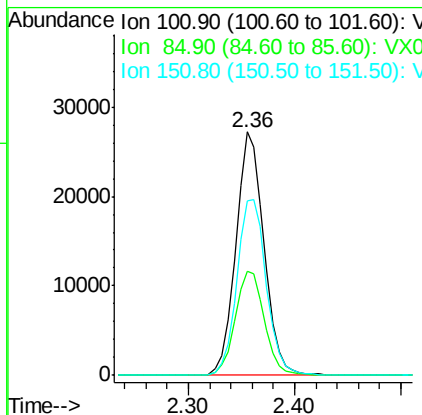
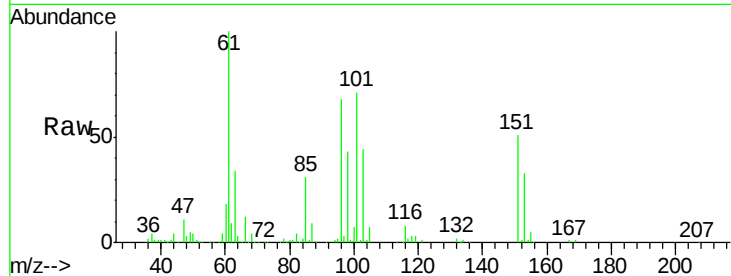
ClientSampleId :

VX1123WBS02

Tot Ion:	101	Resp:	50446
Ion Ratio	Lower	Upper	
101	100		
85	44.4	33.9	50.9
151	75.6	60.9	91.3

Manual Integrations
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#10

Methyl Iodide

Concen: 17.908 ug/l

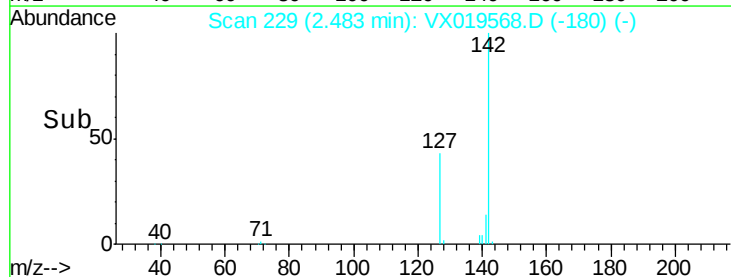
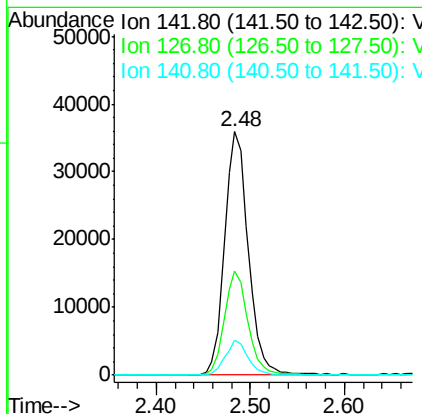
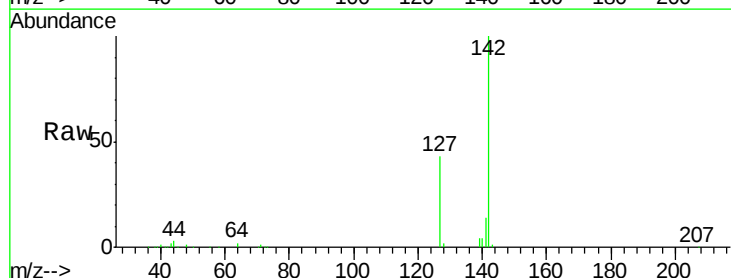
RT: 2.48 min Scan# 229

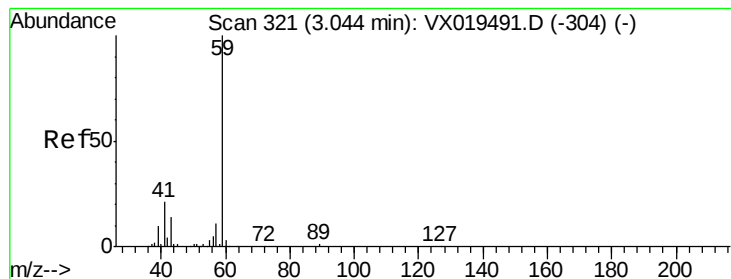
Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Tgt Ion:	142	Resp:	62831
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.8	50.6
141	13.8	11.0	16.6





#11

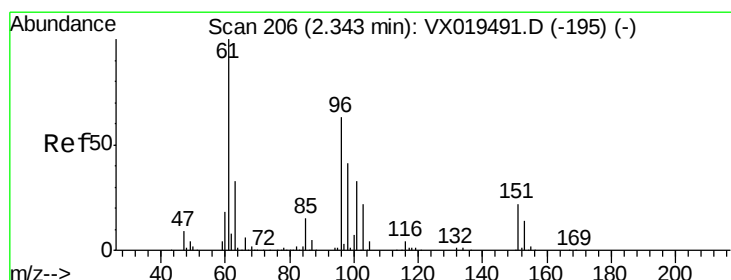
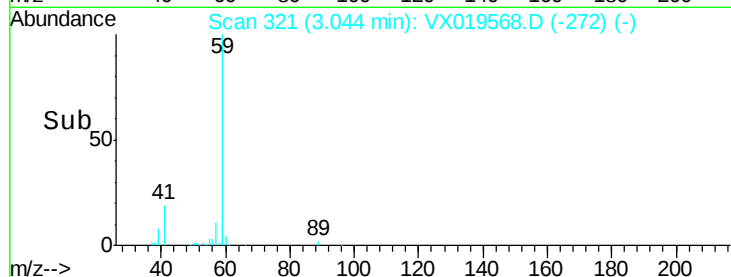
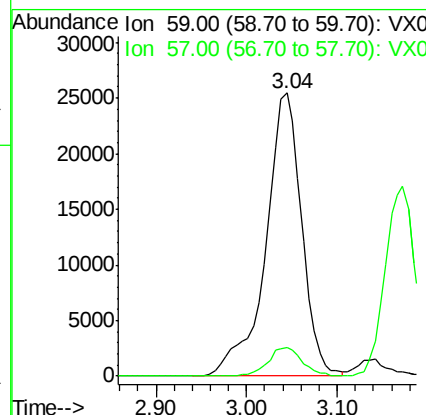
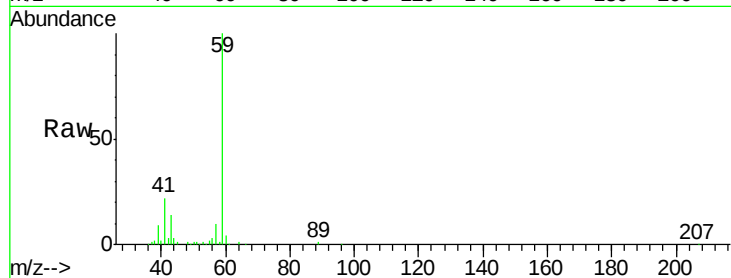
Tert butyl alcohol
Concen: 103.490 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	59	Resp	70116
Ion Ratio	100	Lower	Upper
57	9.5	7.9	11.9

Manual Integrations
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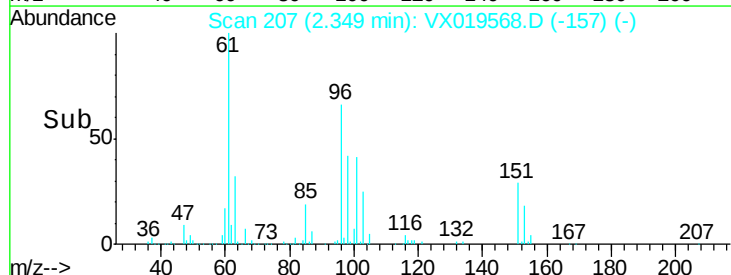
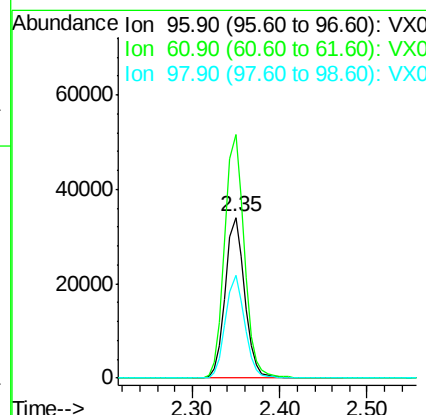
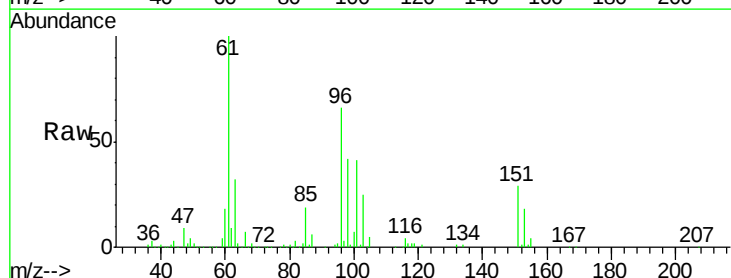
MMDadoda
11/24/2020 1:09:37 PM

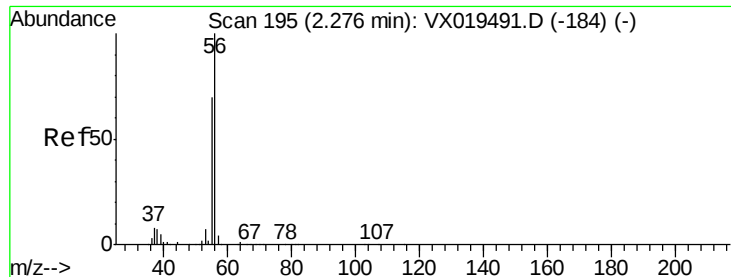


#12

1,1-Dichloroethene
Concen: 19.194 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	96	Resp	52614
Ion Ratio	100	Lower	Upper
61	151.3	126.0	189.0
98	63.7	52.0	78.0





#13

Acrolein

Concen: 73.521 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion: 56 Resp: 33483

Ion Ratio Lower Upper

56 100

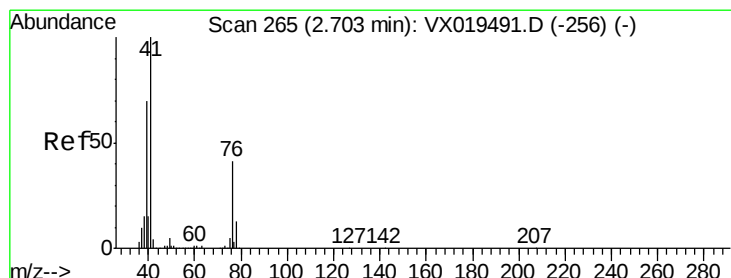
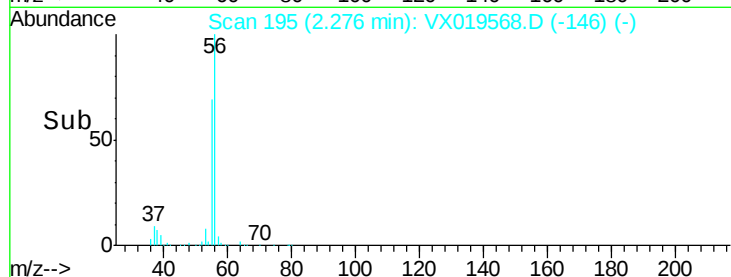
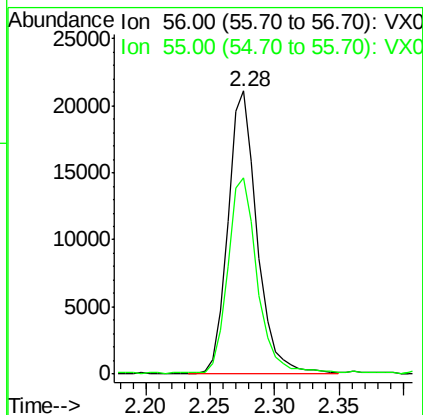
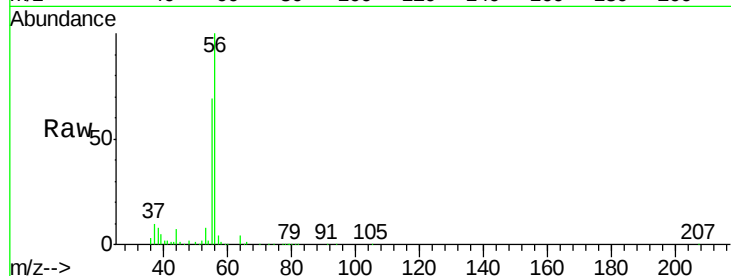
55 70.0 55.5 83.3

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 17.652 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

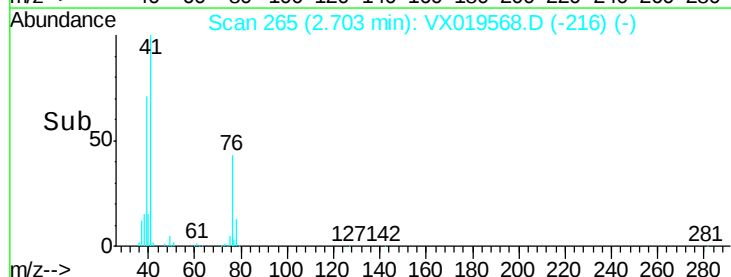
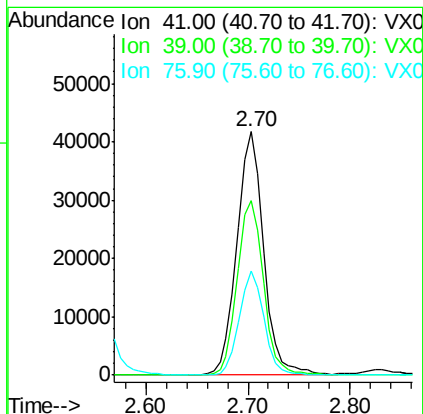
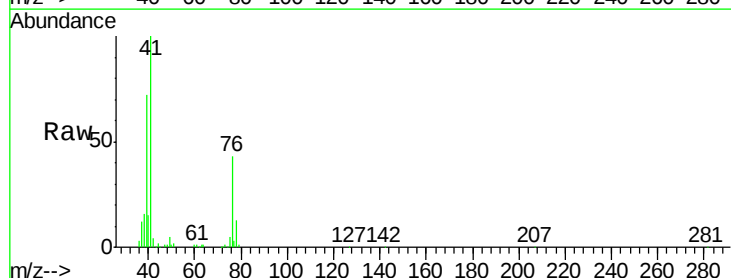
Tgt Ion: 41 Resp: 75803

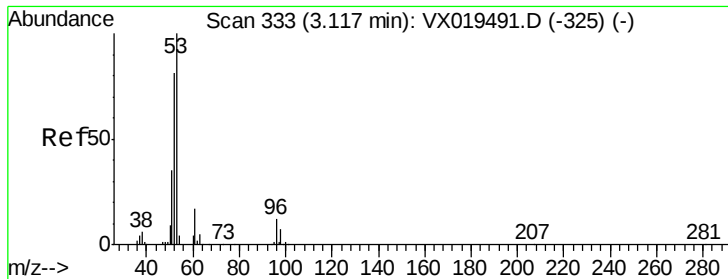
Ion Ratio Lower Upper

41 100

39 69.8 53.0 79.4

76 39.6 31.0 46.6





#15

Acrylonitrile

Concen: 94.264 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

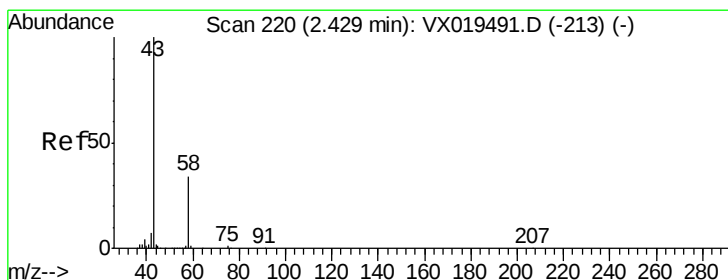
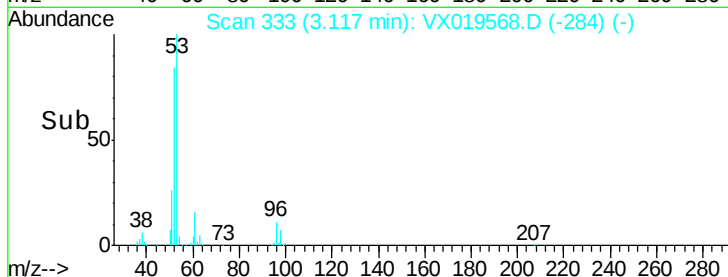
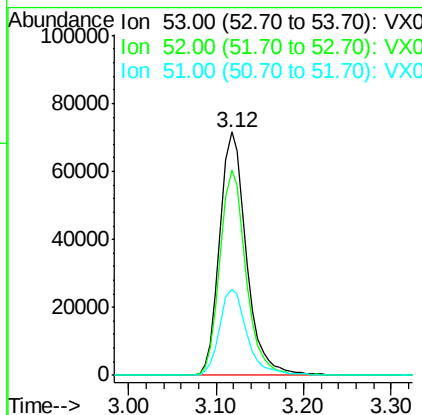
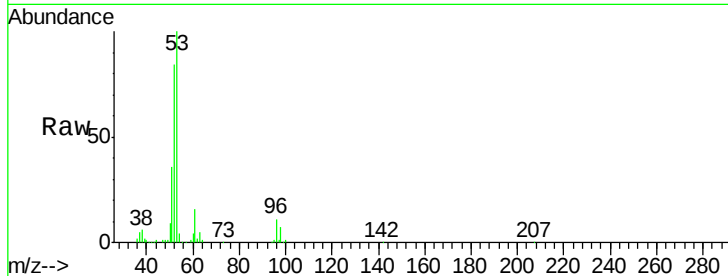
ClientSampleId :

VX1123WBS02

Tot Ion:	53	Resp:	150616
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.2	99.2
51	35.8	28.5	42.7

Manual Integrations
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11/24/2020 1:09:37 PM



#16

Acetone

Concen: 89.823 ug/l

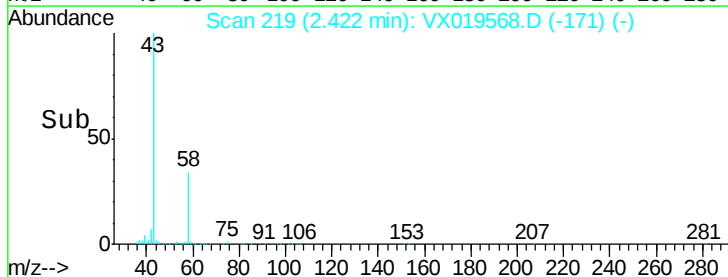
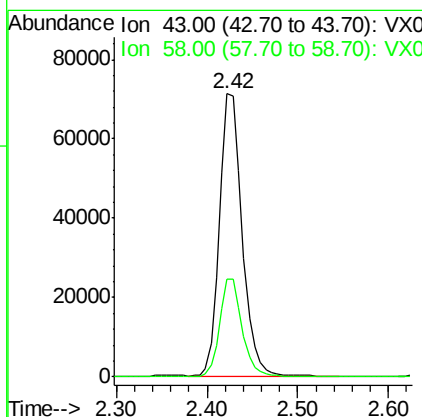
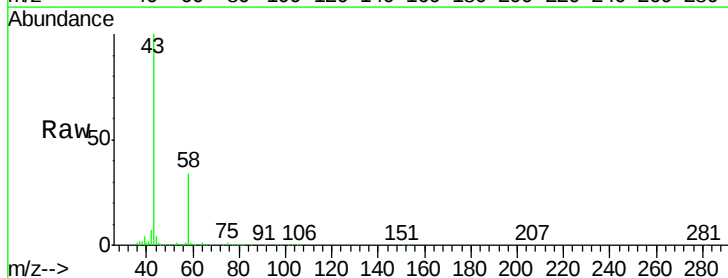
RT: 2.42 min Scan# 219

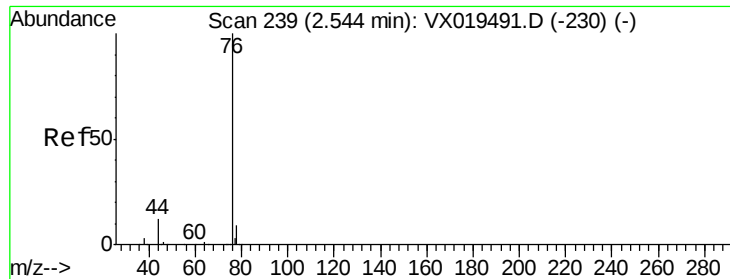
Delta R.T. -0.01 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Tgt Ion:	43	Resp:	124355
Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.4	41.2





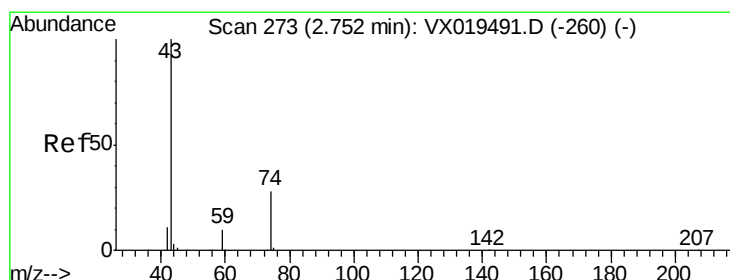
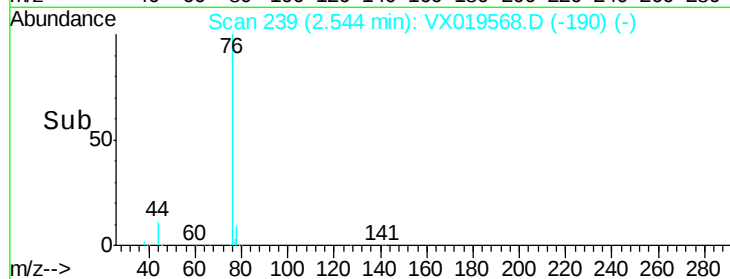
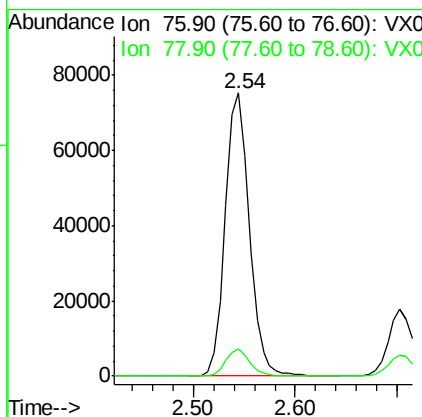
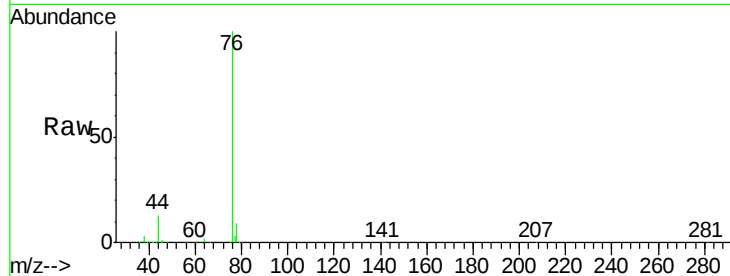
#17
Carbon Disulfide
Concen: 16.787 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

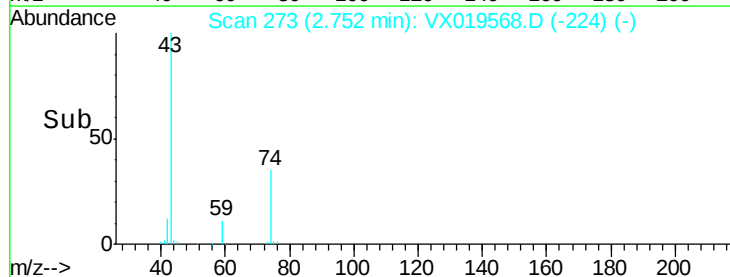
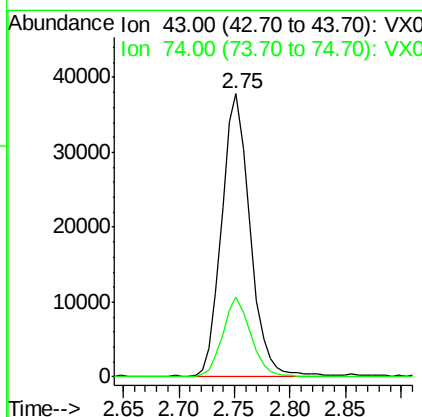
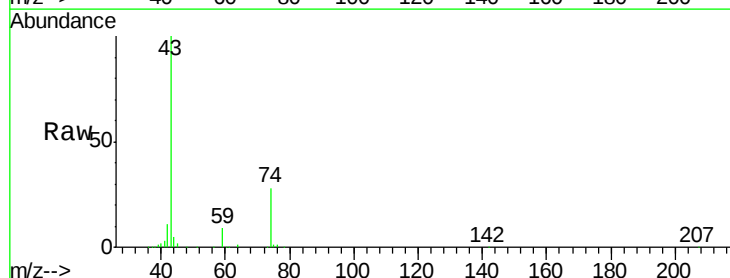
Manual Integrations
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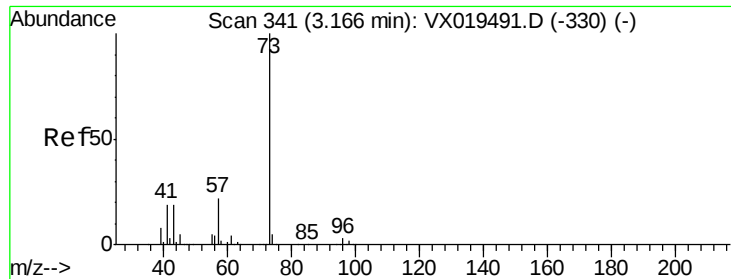
MMDadoda
11/24/2020 1:09:37 PM



#18
Methyl Acetate
Concen: 19.946 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.4	22.2	33.4





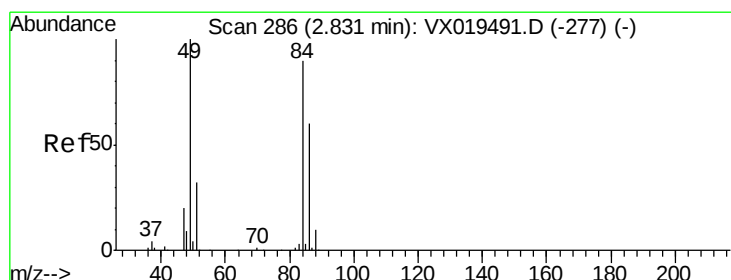
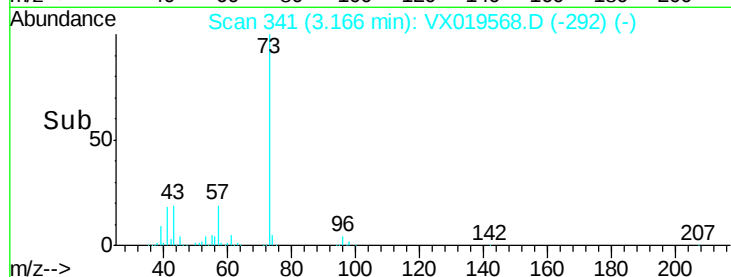
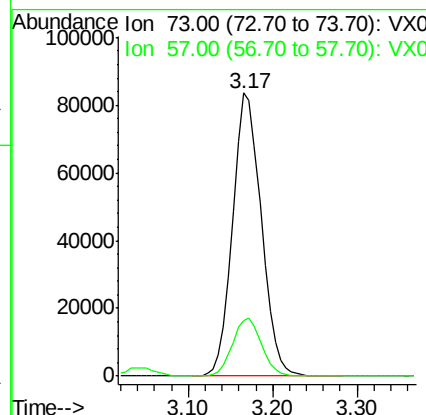
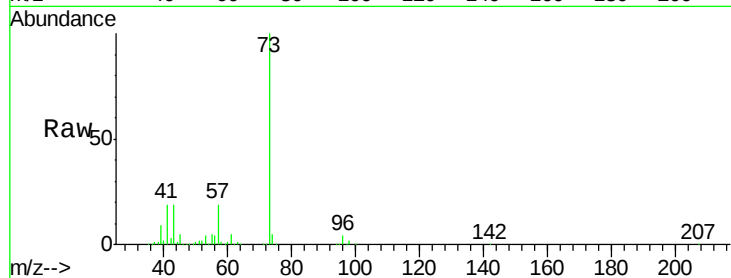
#19
Methvl tert-butvl Ether
Concen: 20.370 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.5	17.3	25.9

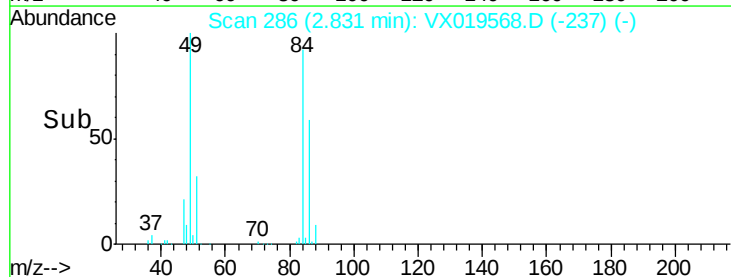
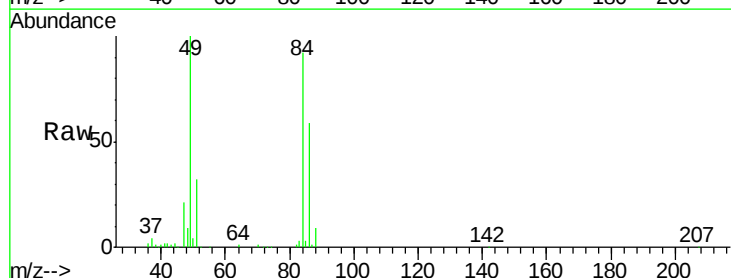
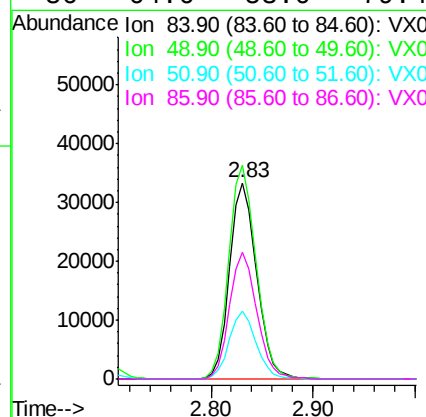
Manual Integrations
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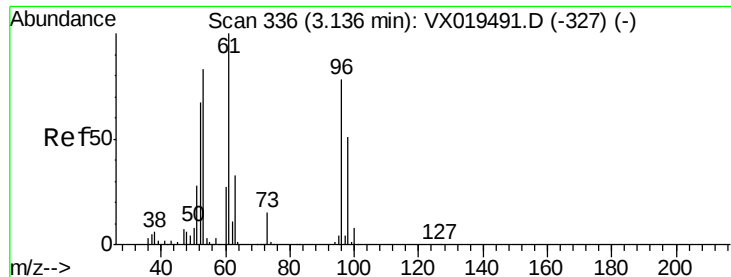
MMDadoda
11/24/2020 1:09:37 PM



#20
Methylene Chloride
Concen: 17.753 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.8	88.5	132.7
51	34.7	28.0	42.0
86	64.6	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 18.714 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

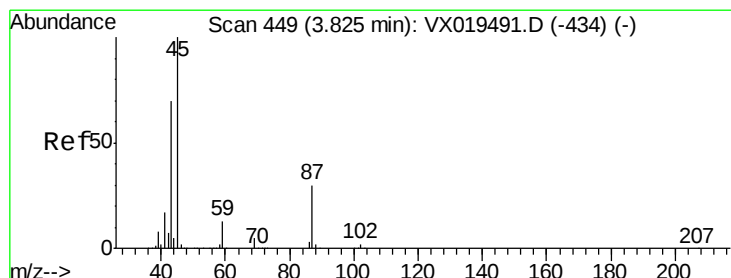
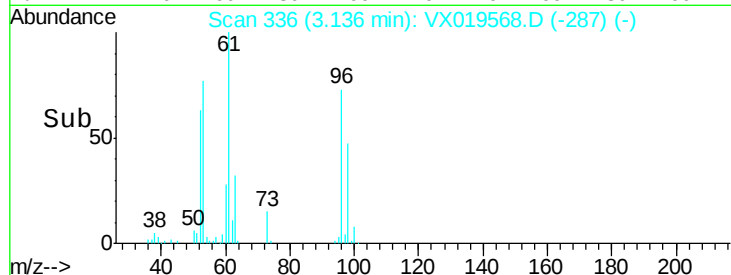
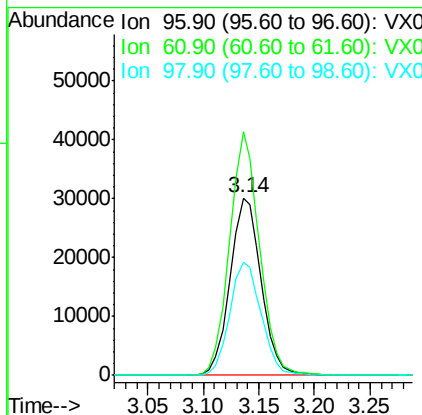
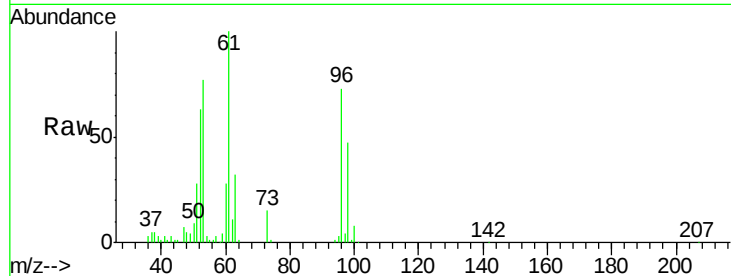
ClientSampleId :

VX1123WBS02

Tot Ion:	96	Resp:	58120
Ion	Ratio	Lower	Upper
96	100		
61	137.5	102.9	154.3
98	64.1	52.1	78.1

Manual Integrations
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11/24/2020 1:09:37 PM



#22

Diisopropyl ether

Concen: 19.604 ug/l

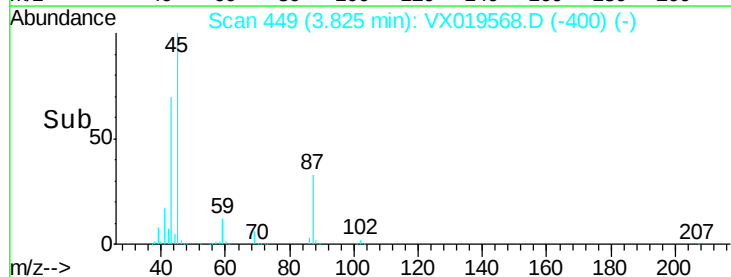
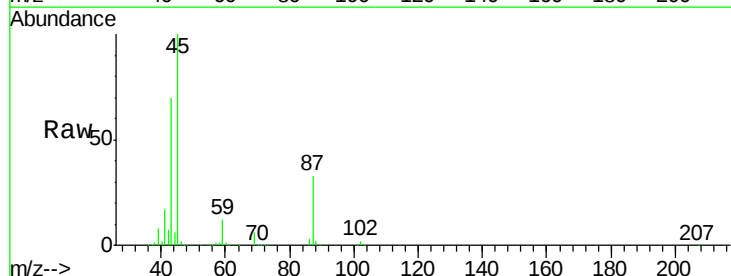
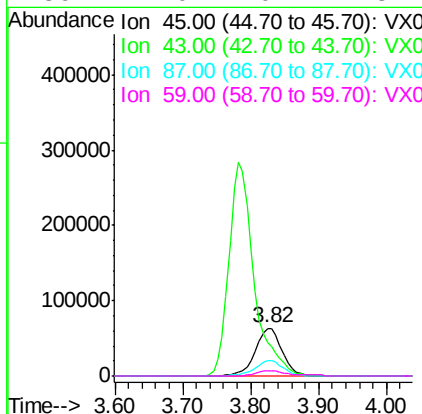
RT: 3.82 min Scan# 449

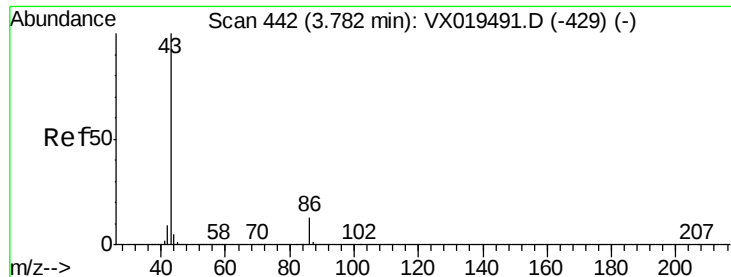
Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Tgt Ion:	45	Resp:	174155
Ion	Ratio	Lower	Upper
45	100		
43	70.3	56.1	84.1
87	32.6	24.2	36.2
59	12.0	10.2	15.2





#23

Vinyl Acetate

Concen: 97.953 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion: 43 Resp: 729888

Ion Ratio Lower Upper

43 100

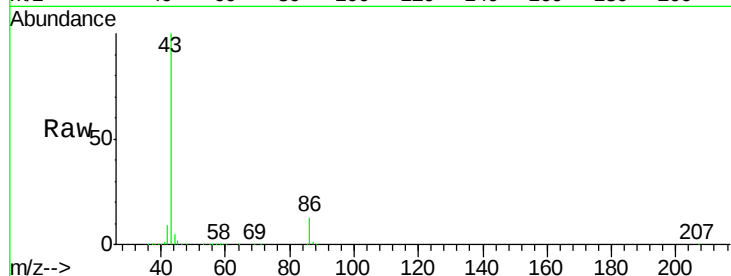
86 12.8 10.2 15.2

Manual Integrations

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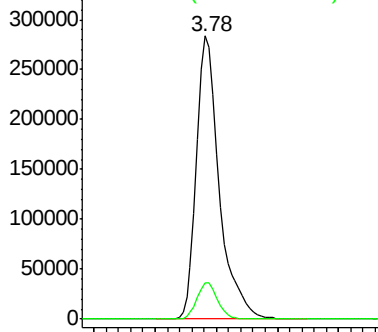
MMDadoda

11/24/2020 1:09:37 PM

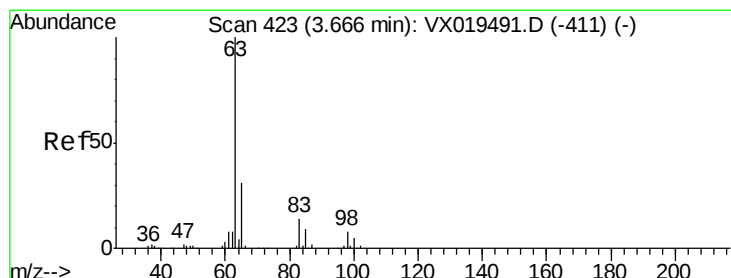
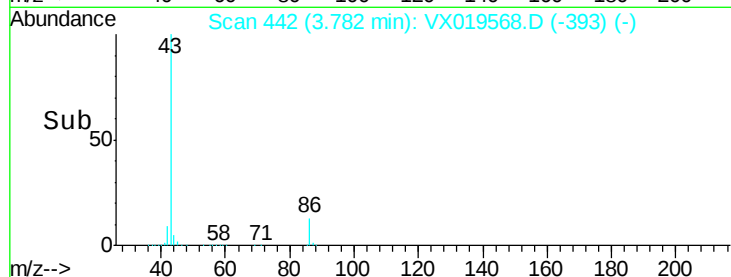


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.273 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

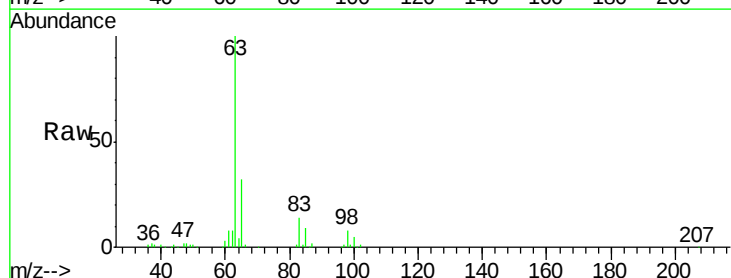
Tgt Ion: 63 Resp: 104725

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

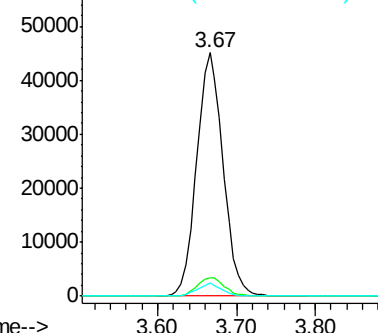
100 5.2 2.4 7.1



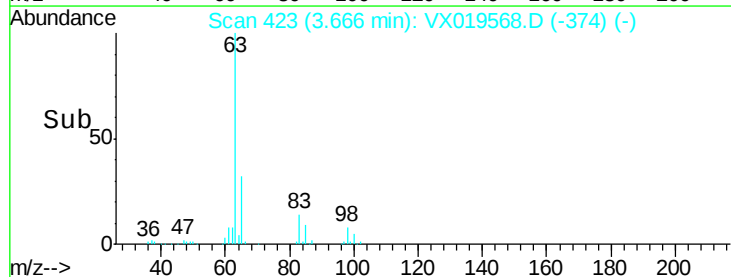
Abundance Ion 62.90 (62.60 to 63.60): VX0

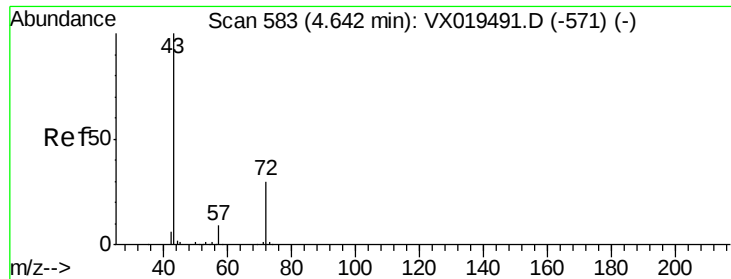
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 92.894 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion: 43 Resp: 193191

Ion Ratio Lower Upper

43 100

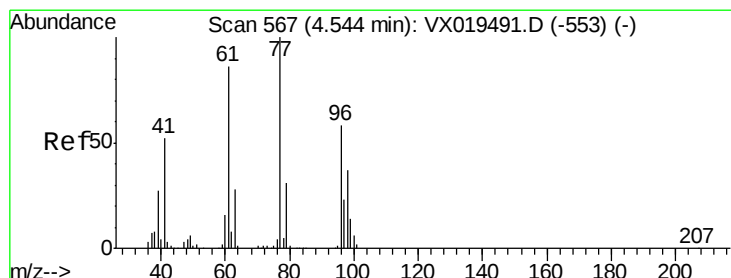
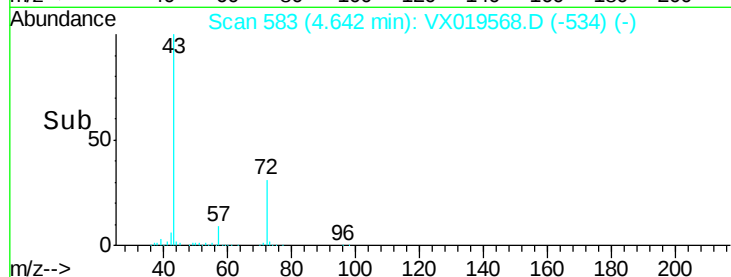
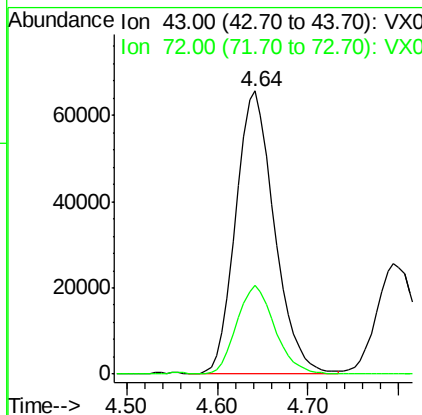
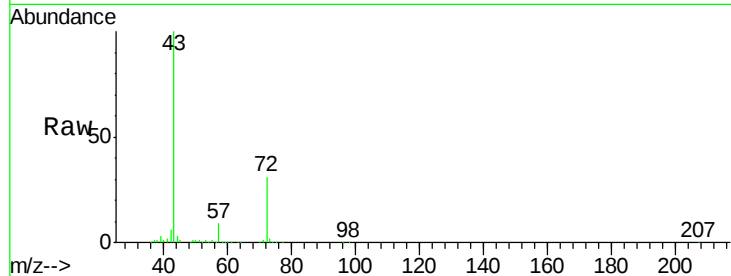
72 31.0 24.0 36.0

Manual Integrations

APPROVED

MMDadoda

11/24/2020 1:09:37 PM



#26

2,2-Dichloropropane

Concen: 16.375 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019568.D

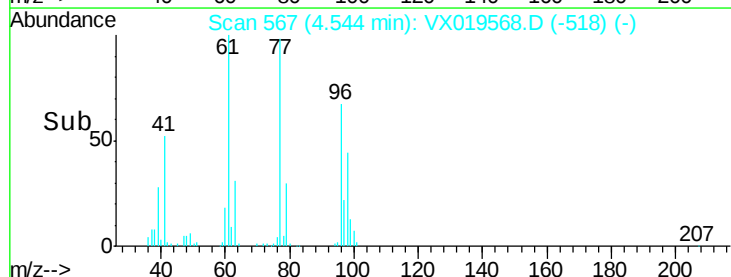
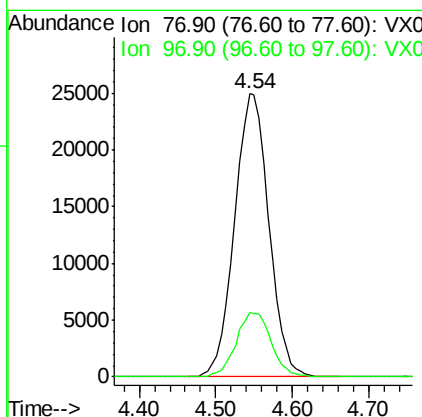
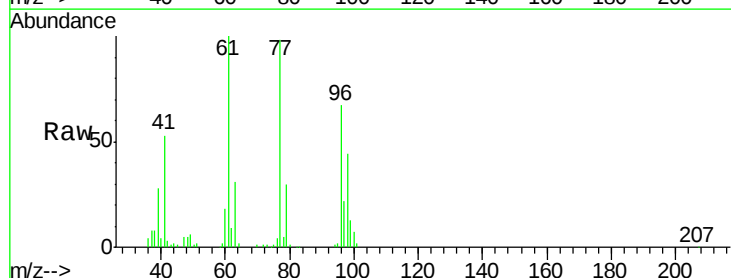
Acq: 23 Nov 2020 22:52

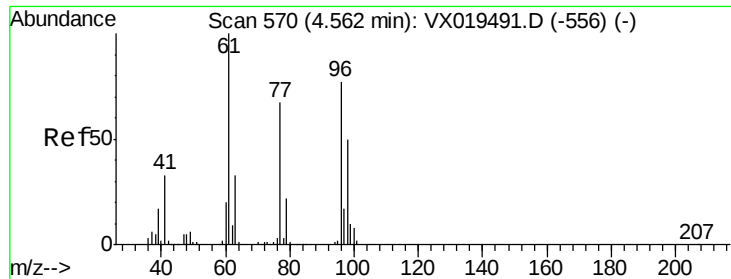
Tgt Ion: 77 Resp: 77663

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8





#27

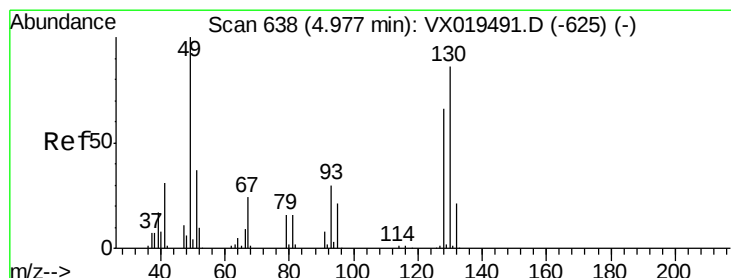
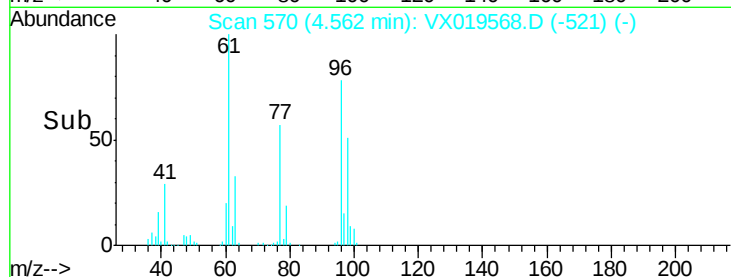
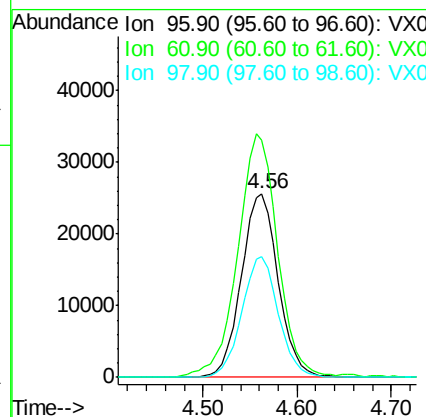
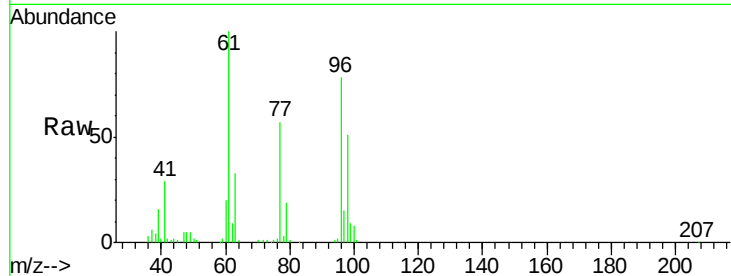
cis-1,2-Dichloroethene
Concen: 19.650 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	70103		
61	143.8		0.0	279.2
98	65.2		0.0	129.8

Manual Integrations
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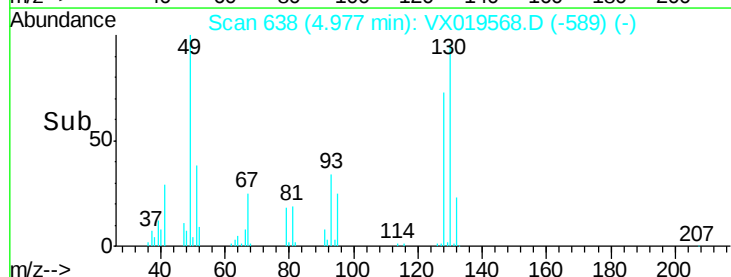
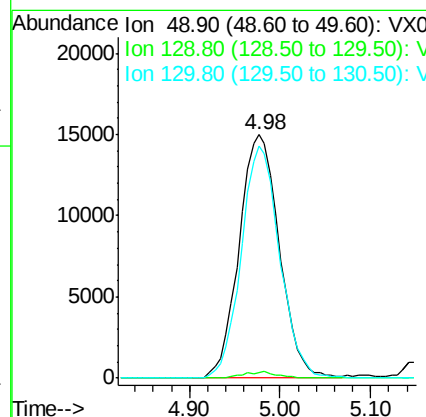
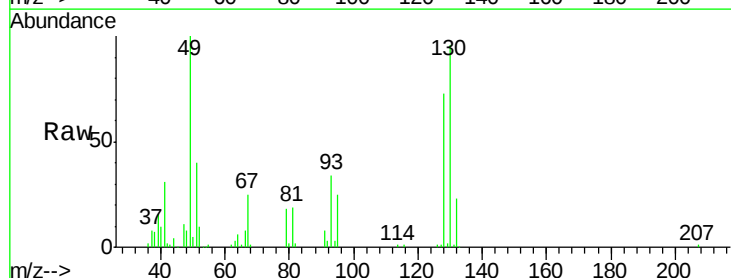
MMDadoda
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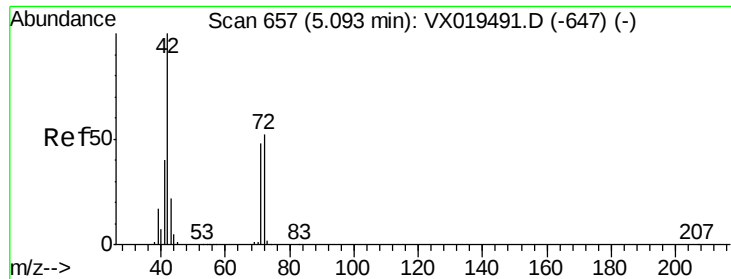


#28

Bromochloromethane
Concen: 17.726 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	46049		
129	2.2		0.0	4.2
130	91.0		69.0	103.6





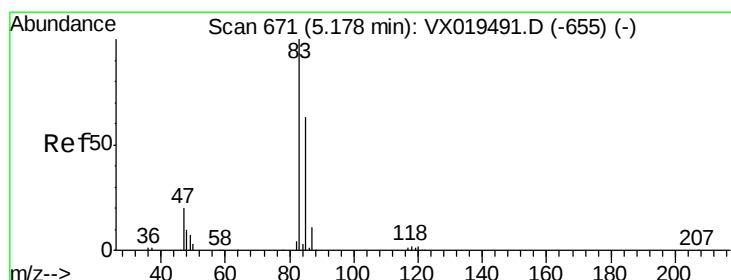
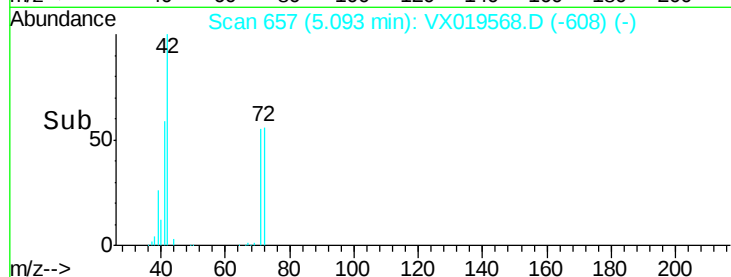
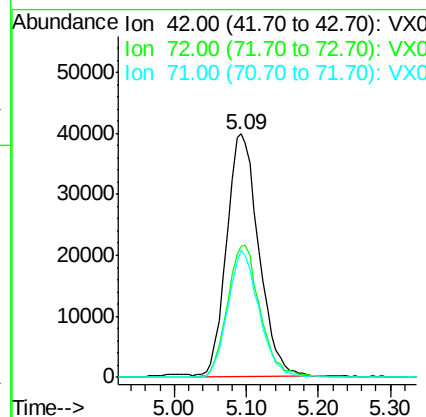
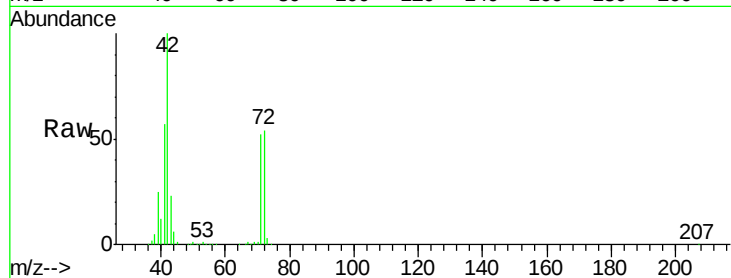
#29
Tetrahydrofuran
Concen: 93.332 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.5	42.6	63.8
71	50.7	39.0	58.6

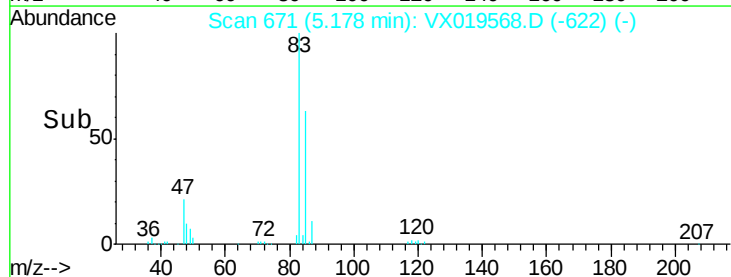
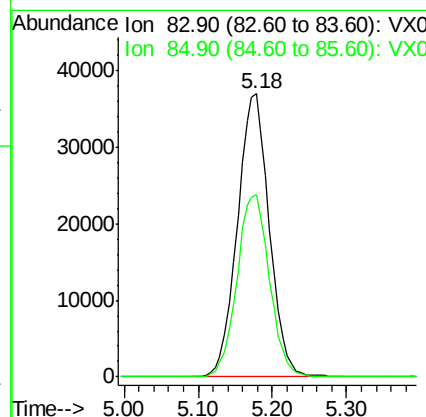
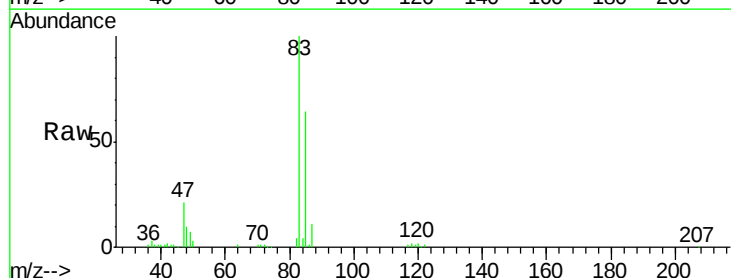
Manual Integrations
APPROVED

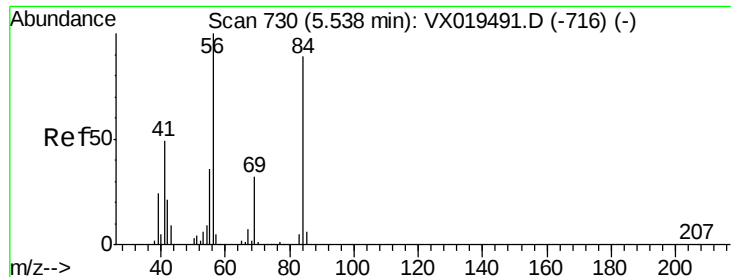
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#30
Chloroform
Concen: 19.483 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.5	75.7





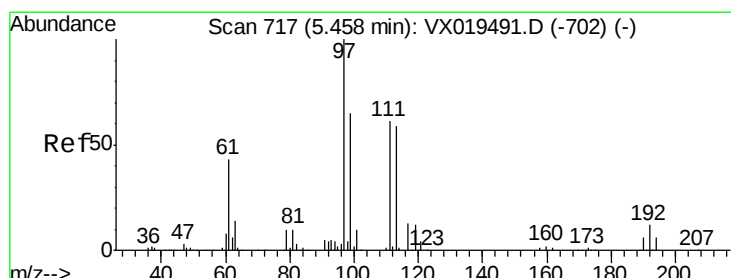
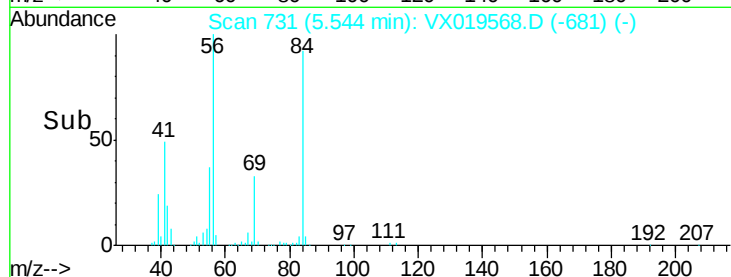
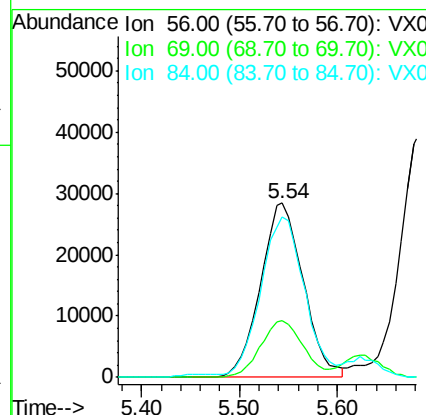
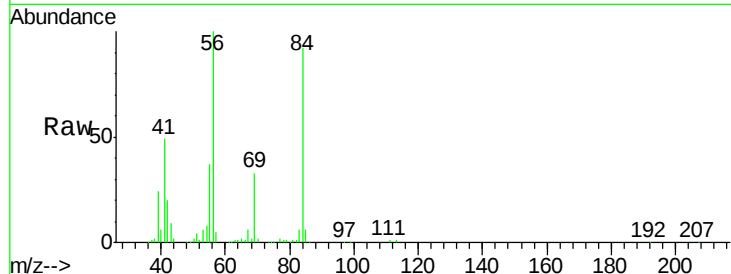
#31
Cvclohexane
Concen: 18.670 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.5	38.3
84	90.6	71.1	106.7

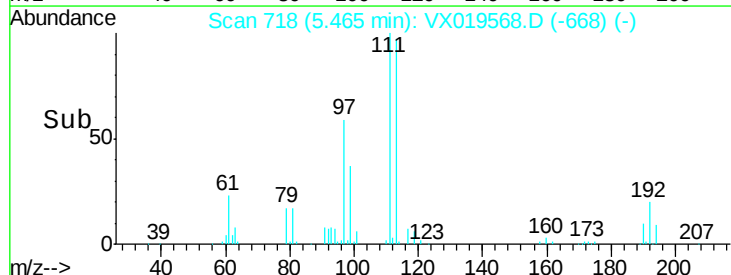
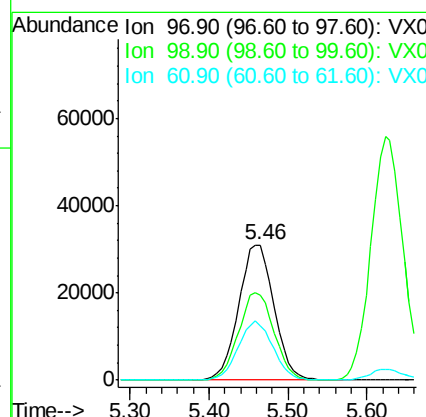
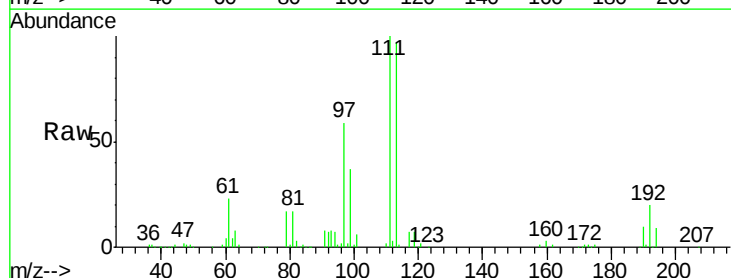
Manual Integrations
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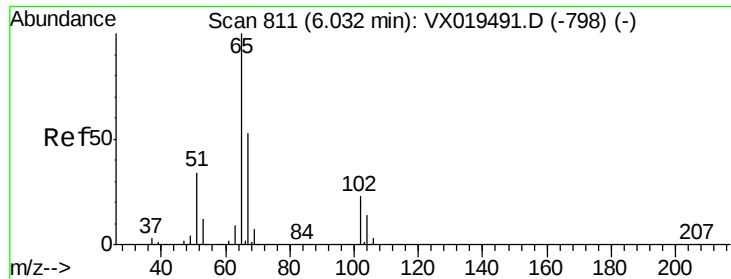
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#32
1,1,1-Trichloroethane
Concen: 19.764 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	42.8	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 50.501 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion: 65 Resp: 180792

Ion Ratio Lower Upper

65 100

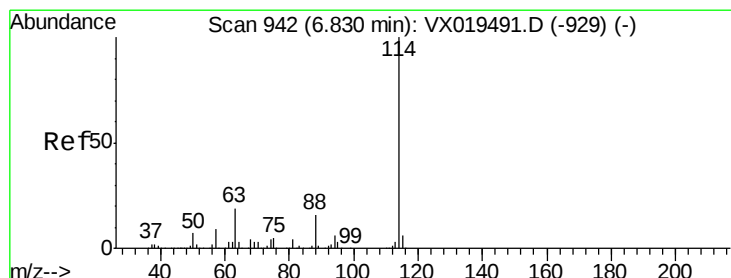
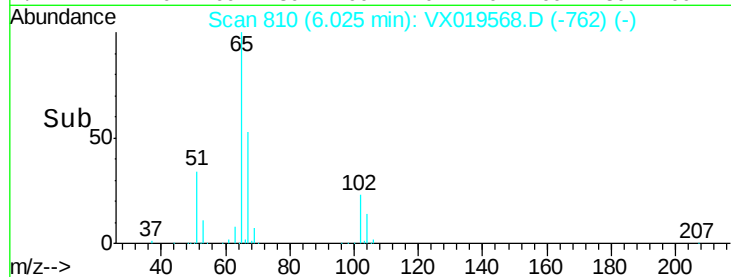
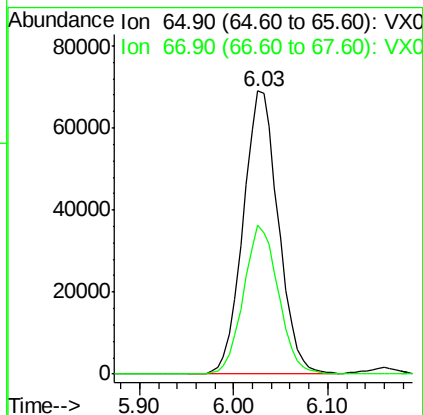
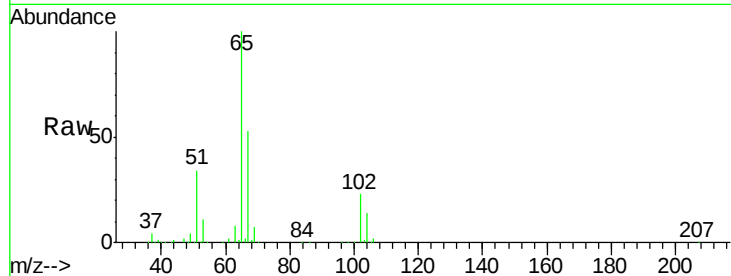
67 52.3 0.0 105.0

Manual Integrations

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11/24/2020 1:09:37 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

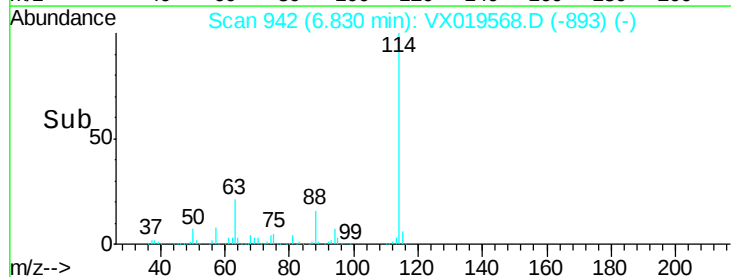
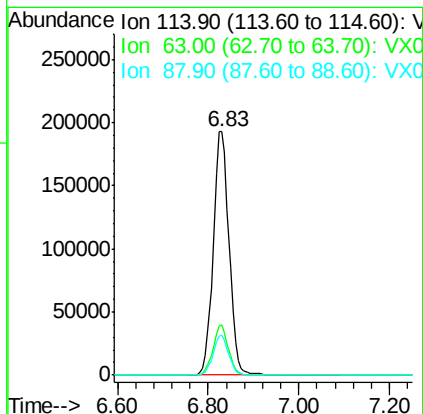
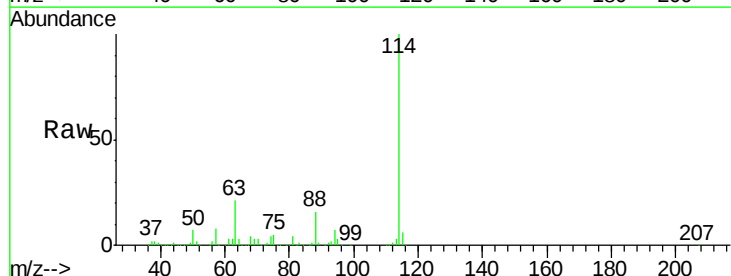
Tgt Ion: 114 Resp: 472985

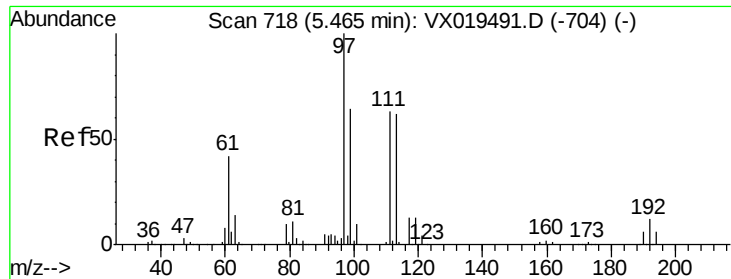
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

88 16.4 0.0 31.6





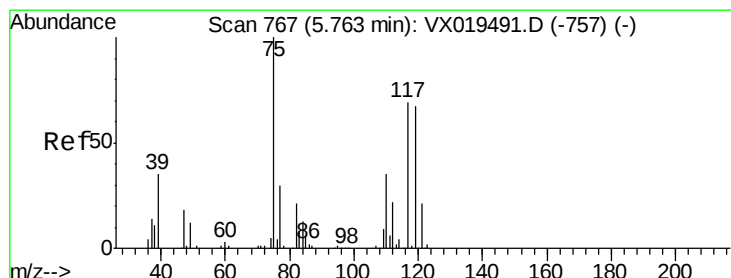
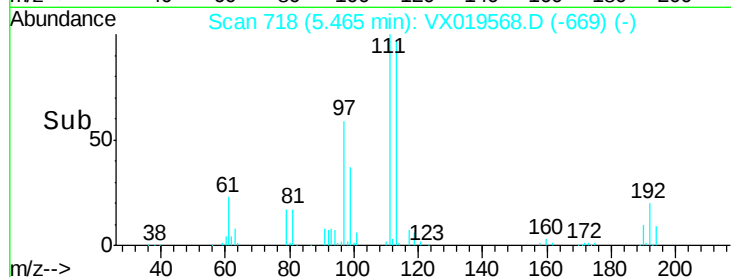
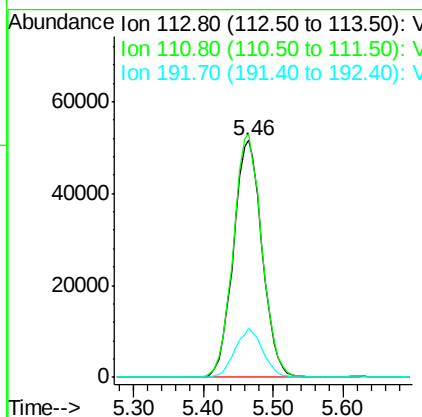
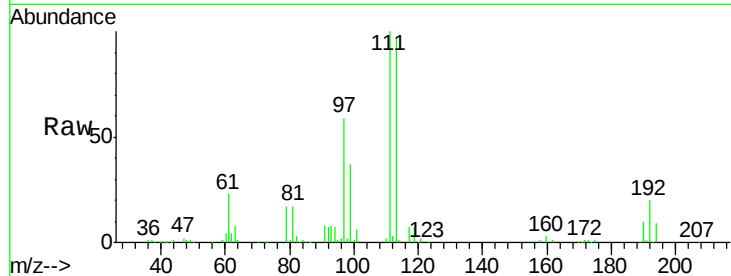
#35
Dibromofluoromethane
Concen: 49.510 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	146991		
111	102.3	81.5	122.3	
192	19.9	16.2	24.2	

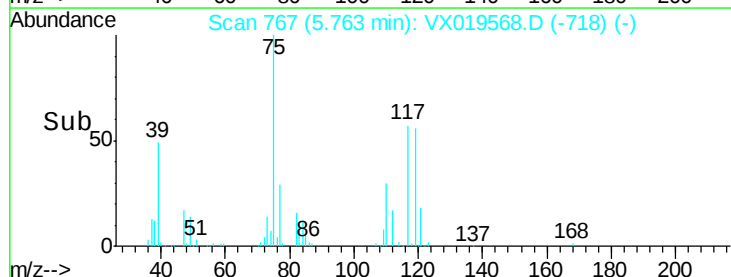
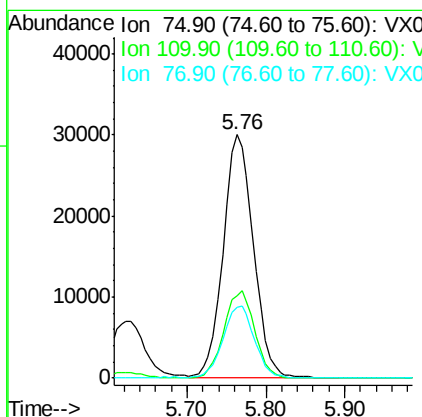
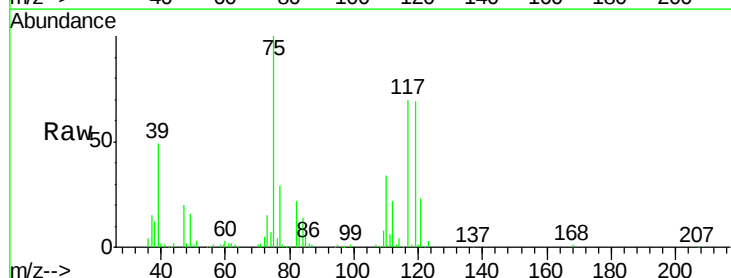
Manual Integrations
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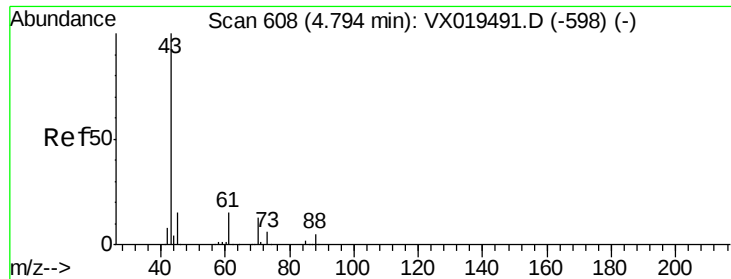
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#36
1,1-Dichloropropene
Concen: 18.120 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80349		
110	36.4	18.1	54.3	
77	30.7	24.2	36.4	





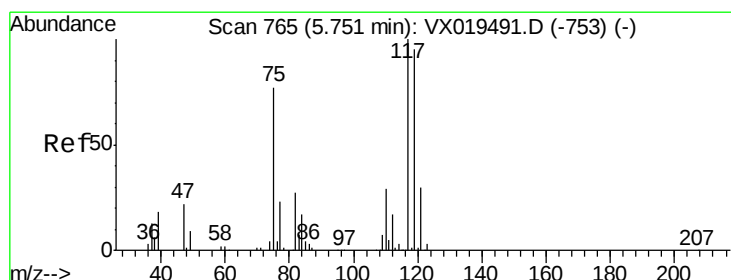
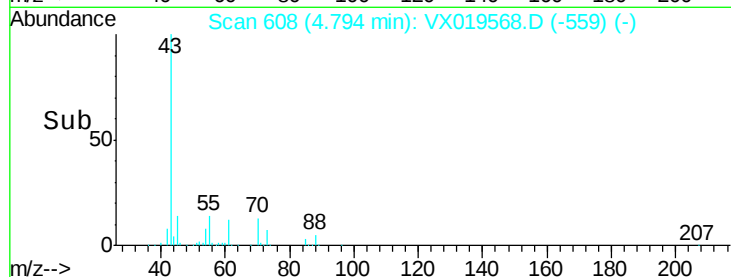
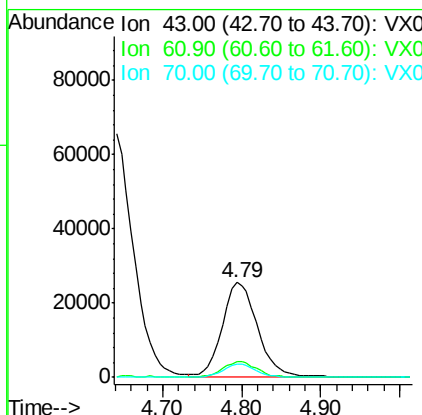
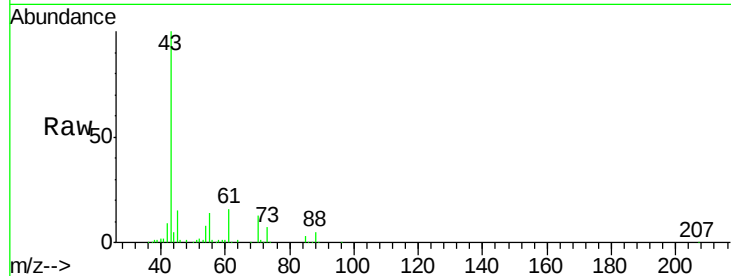
#37
Ethyl Acetate
Concen: 18.750 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.8	12.7	19.1
70	13.1	10.2	15.2

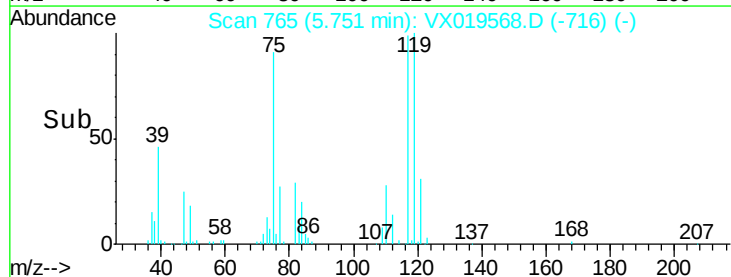
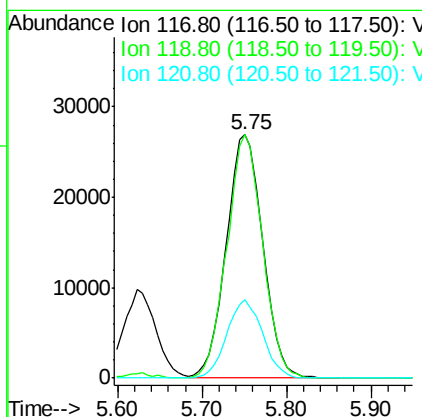
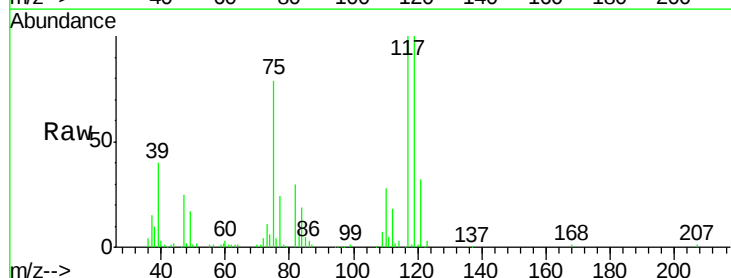
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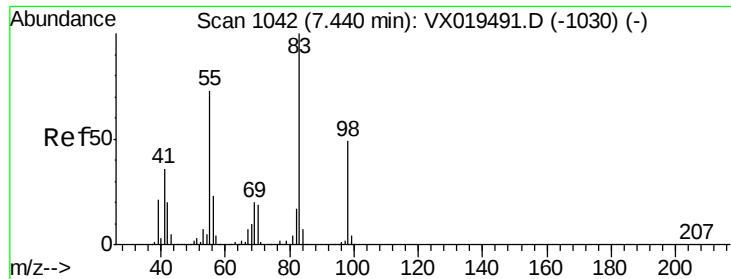
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#38
Carbon Tetrachloride
Concen: 18.504 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	75.9	113.9
121	32.1	24.0	36.0





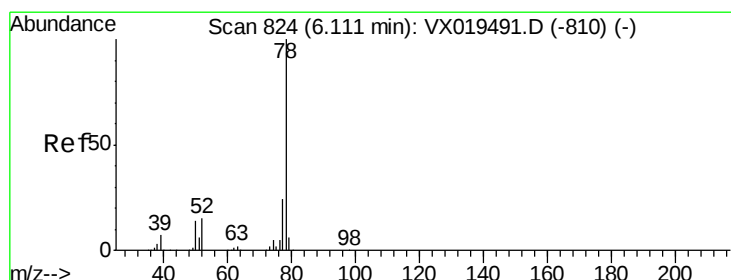
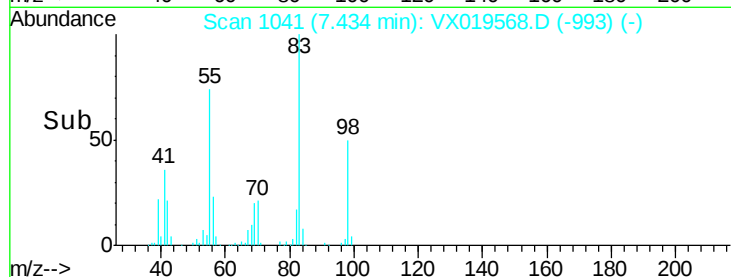
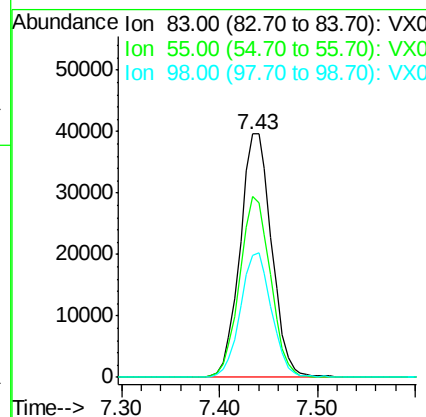
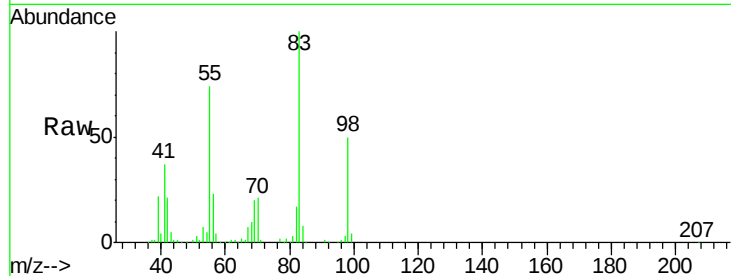
#39
Methvlcvclohexane
Concen: 17.236 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	58.3	87.5
98	50.1	38.9	58.3

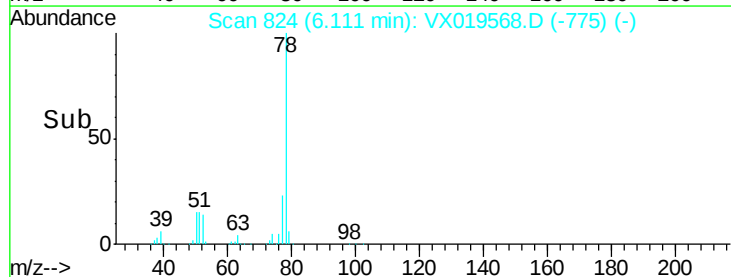
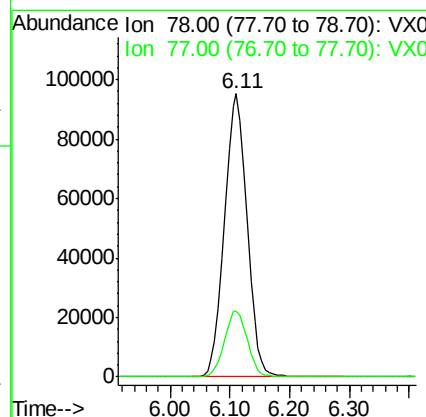
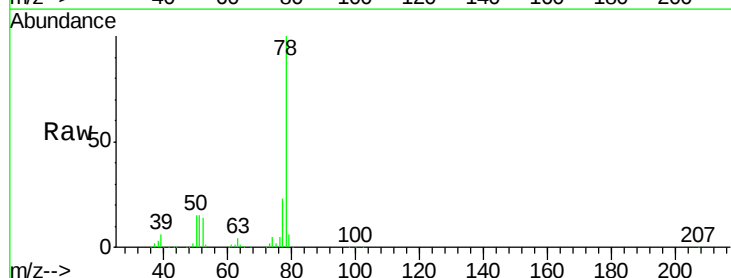
Manual Integrations
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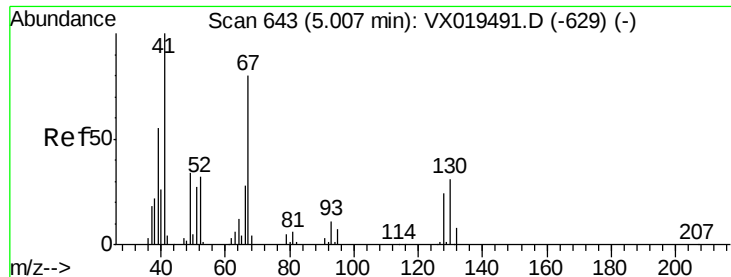
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#40
Benzene
Concen: 18.467 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





#41

Methacrylonitrile

Concen: 18.235 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

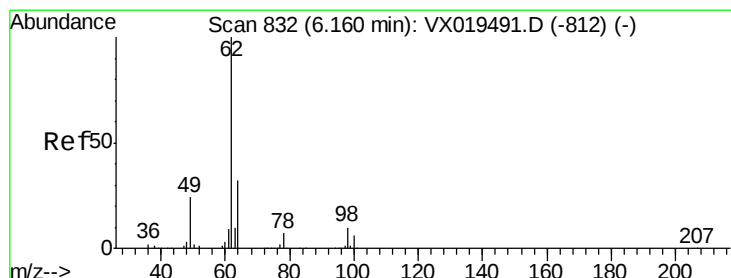
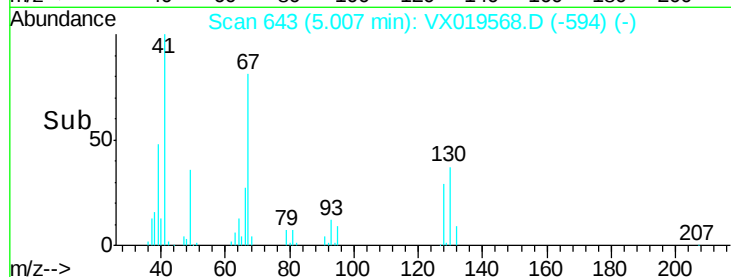
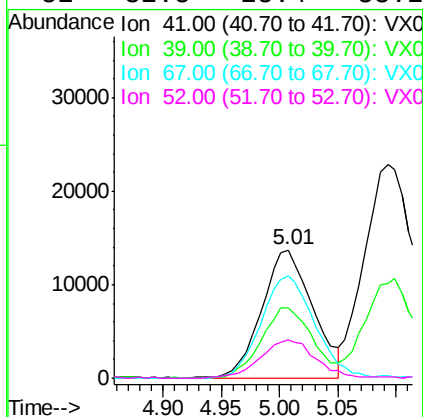
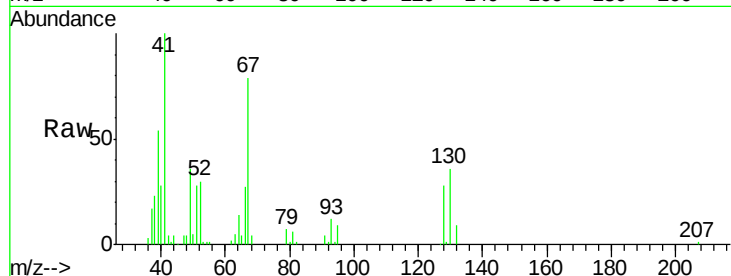
ClientSampleId :

VX1123WBS02

Tot Ion:	41	Resp:	41860
Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.3	64.9
67	83.4	66.0	99.0
52	32.5	25.4	38.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.812 ug/l

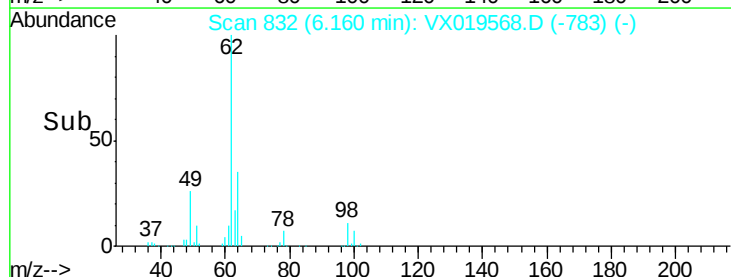
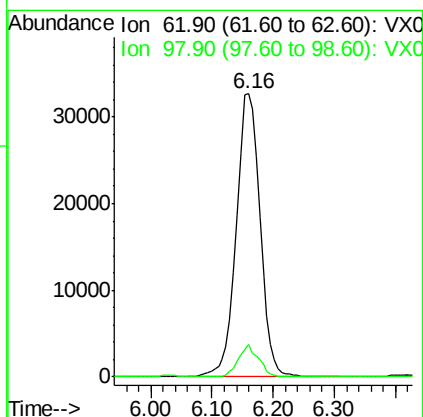
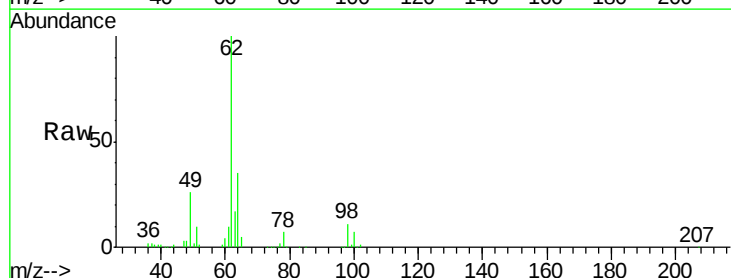
RT: 6.16 min Scan# 832

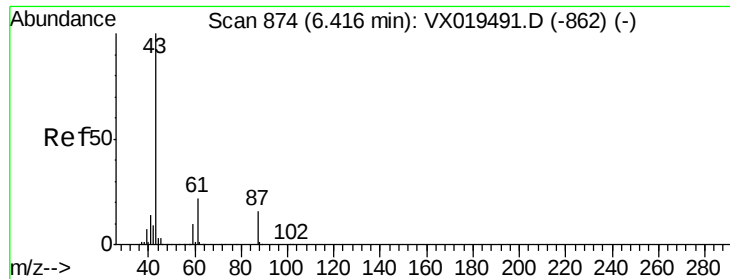
Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Tgt Ion:	62	Resp:	87847
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.0





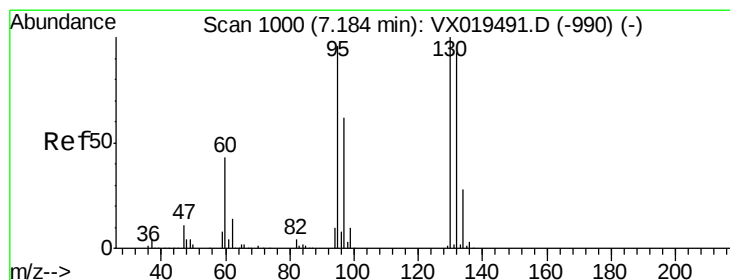
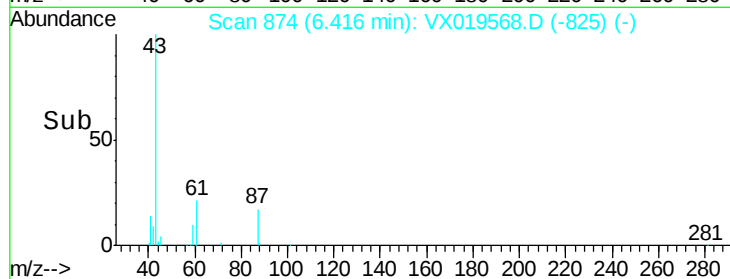
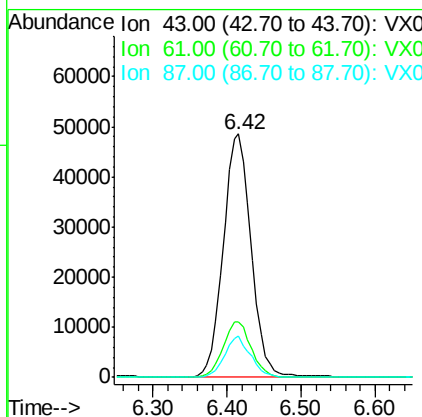
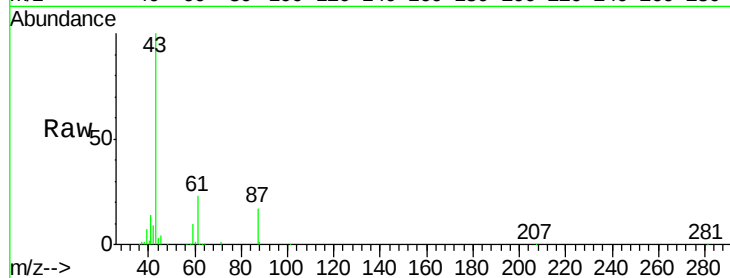
#43
Isopropyl Acetate
Concen: 17.960 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	15.9	12.6	18.8

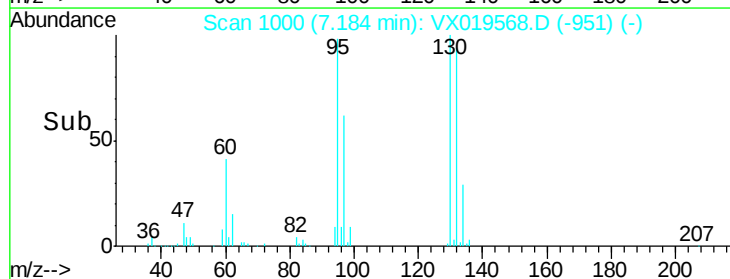
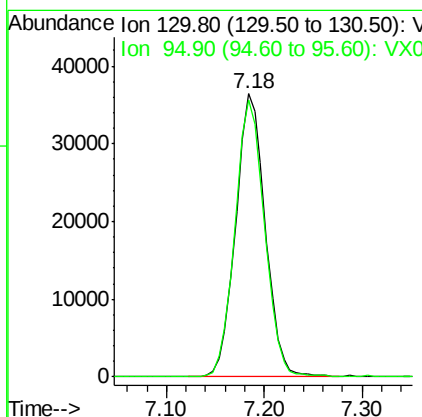
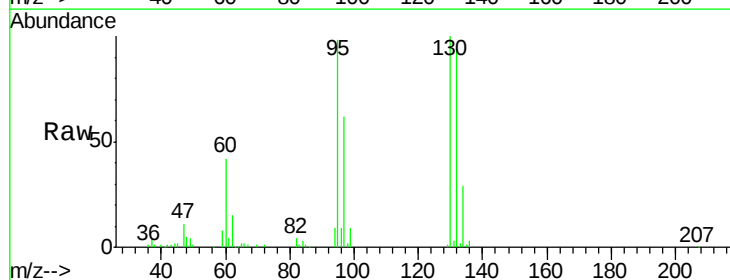
Manual Integrations
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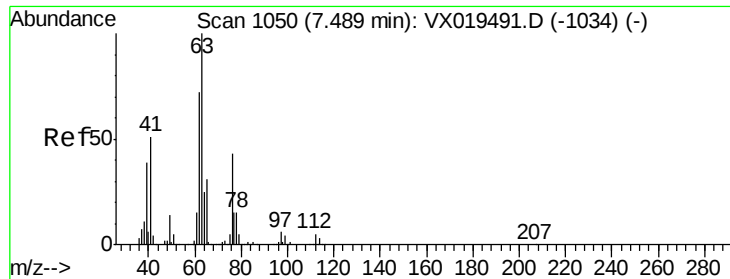
MMDadoda
11/24/2020 1:09:37 PM



#44
Trichloroethene
Concen: 21.457 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	191.2





#45

1,2-Dichloropropane

Concen: 18.396 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion: 63 Resp: 61701

Ion Ratio Lower Upper

63 100

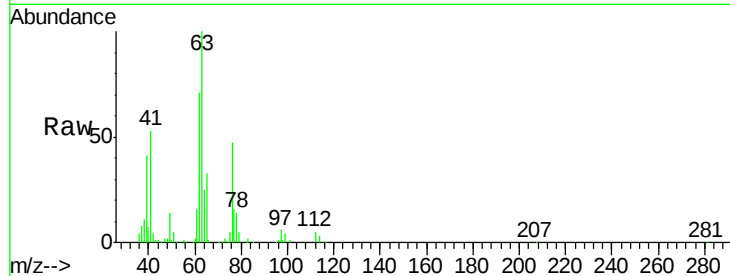
65 32.7 25.0 37.4

Manual Integrations

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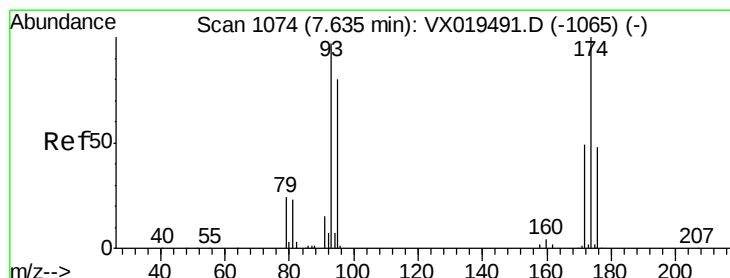
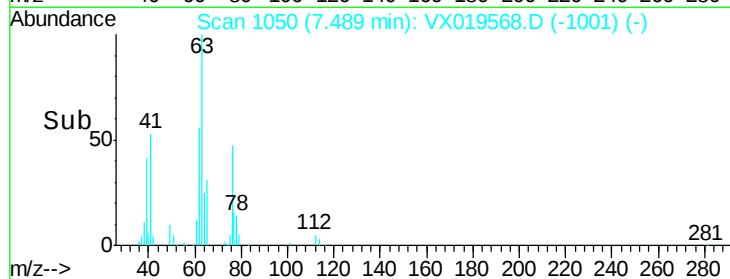
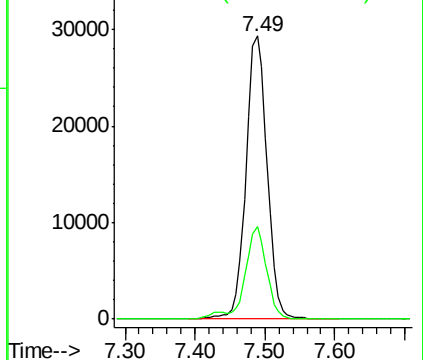
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.692 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

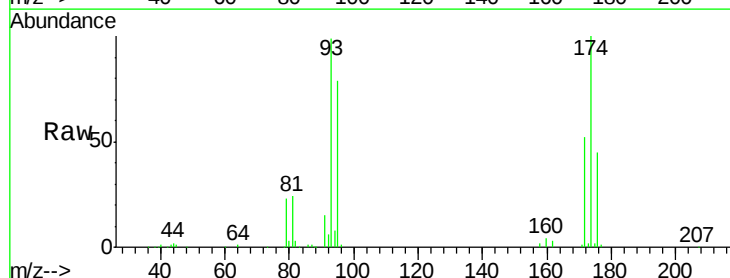
Tgt Ion: 93 Resp: 42909

Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

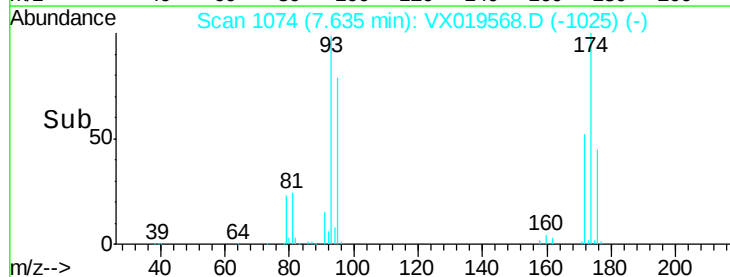
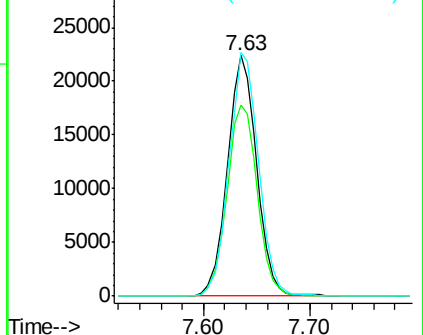
174 102.9 83.0 124.4

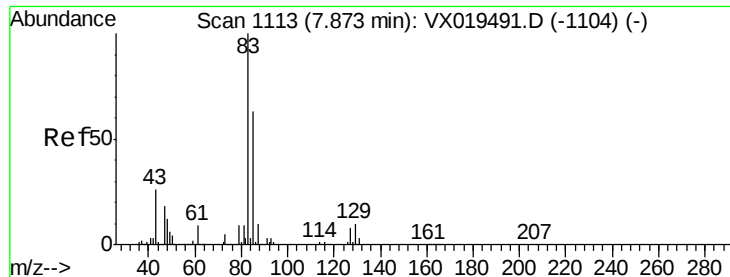


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.061 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

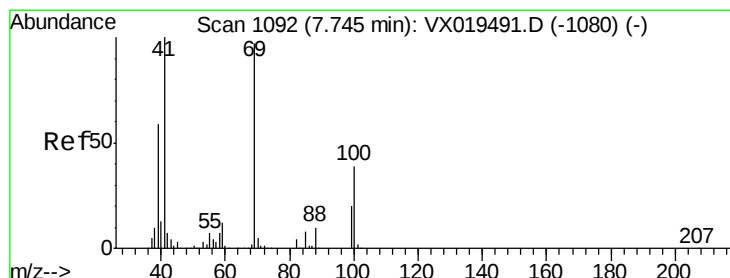
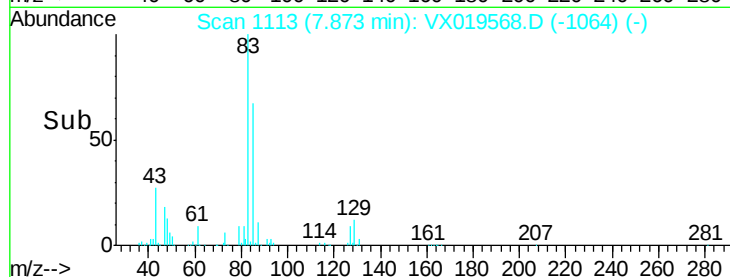
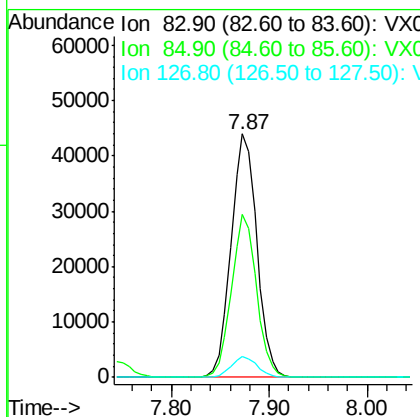
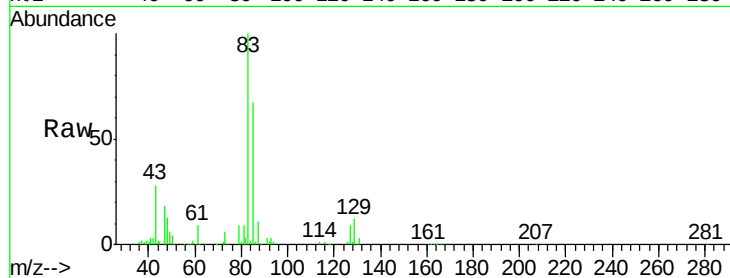
ClientSampleId :

VX1123WBS02

Tot Ion:	83	Resp:	80451
Ion Ratio	Lower	Upper	
83	100		
85	66.9	50.2	75.2
127	8.8	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.711 ug/l

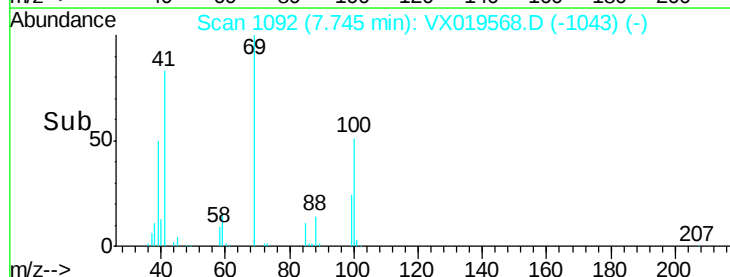
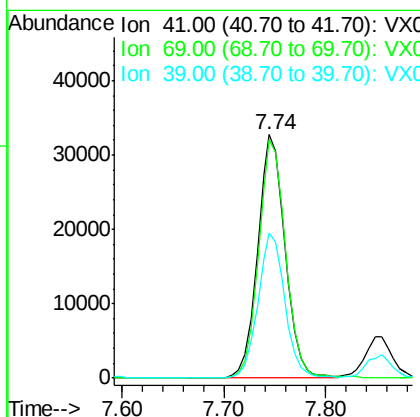
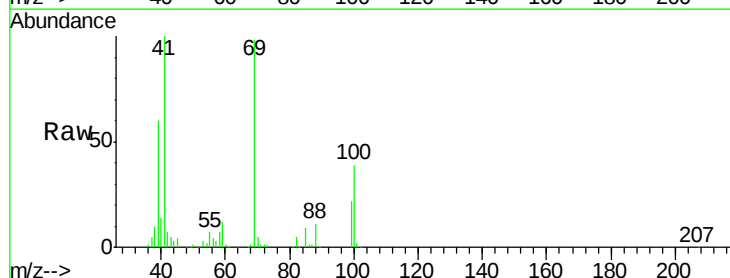
RT: 7.74 min Scan# 1092

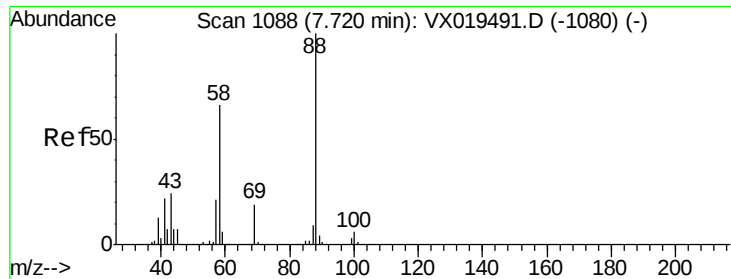
Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Tgt Ion:	41	Resp:	61319
Ion Ratio	Lower	Upper	
41	100		
69	96.7	77.0	115.6
39	58.7	45.6	68.4





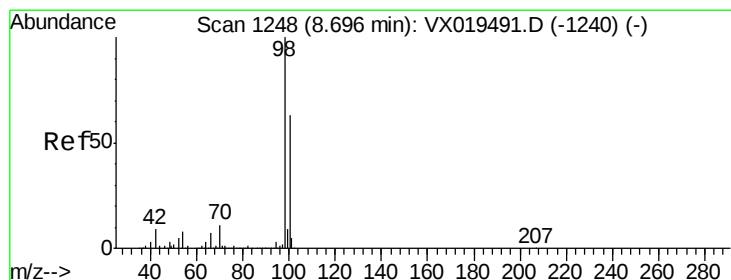
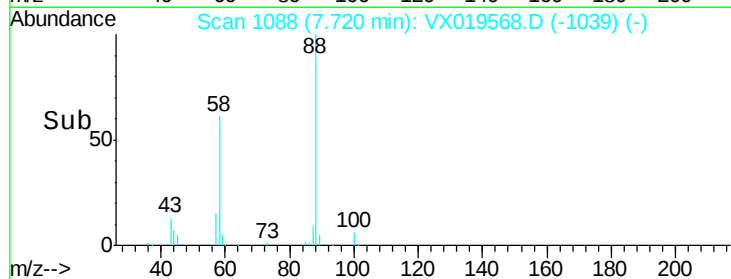
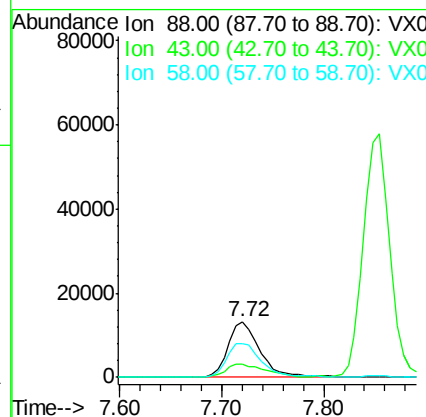
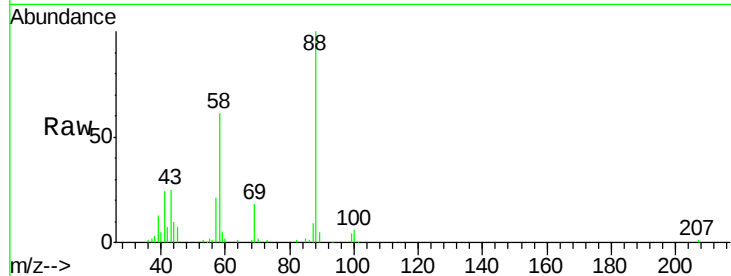
#49
 1,4-Dioxane
 Concen: 387.378 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.8	35.6
58	66.5	54.2	81.2

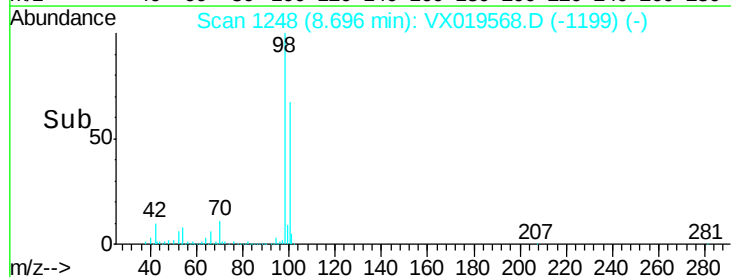
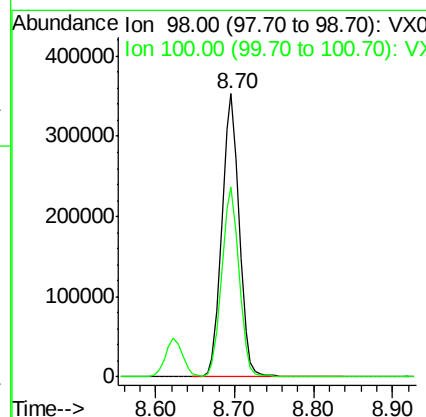
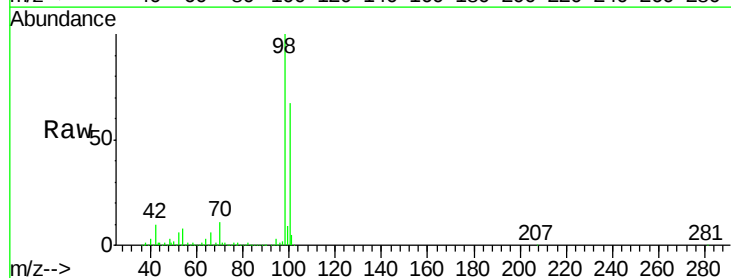
Manual Integrations
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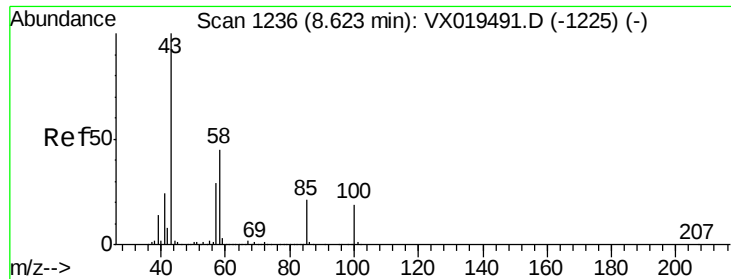
MMDadoda
 11/24/2020 1:09:37 PM



#50
 Toluene-d8
 Concen: 46.838 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 92.803 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampled :

VX1123WBS02

Tot Ion: 43 Resp: 378691

Ion Ratio Lower Upper

43 100

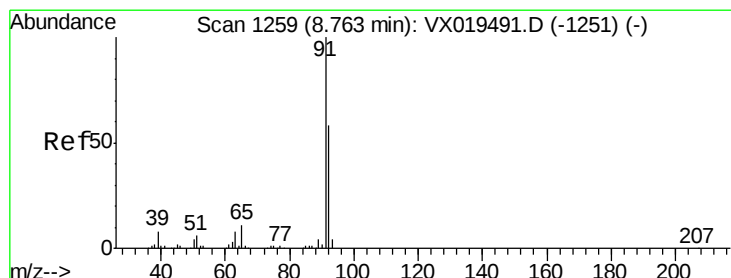
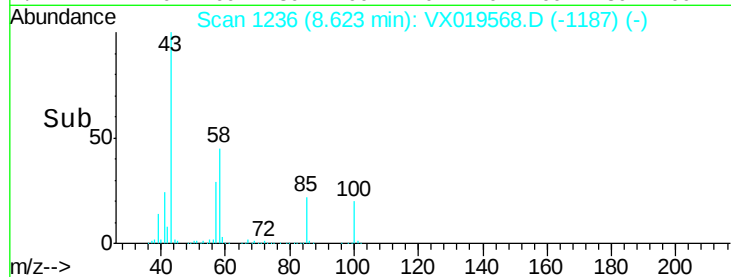
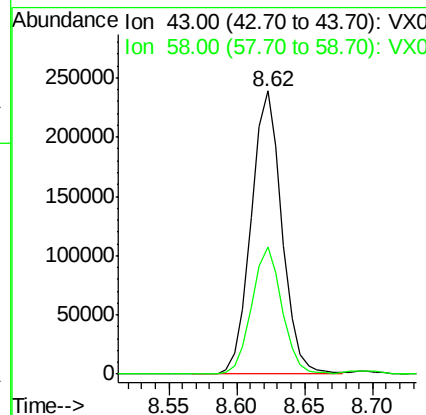
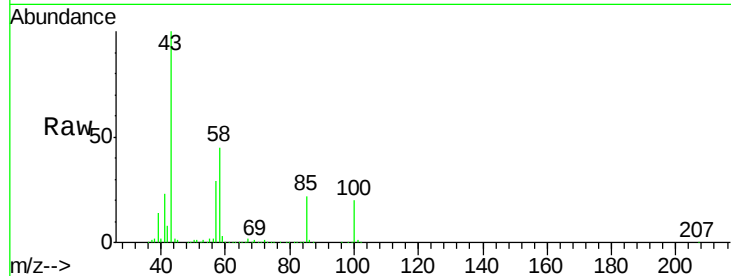
58 44.4 35.1 52.7

Manual Integrations

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#52

Toluene

Concen: 18.467 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019568.D

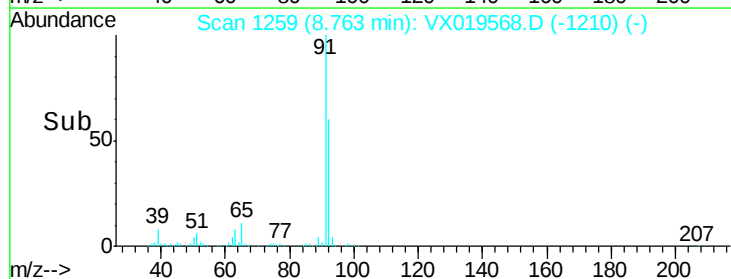
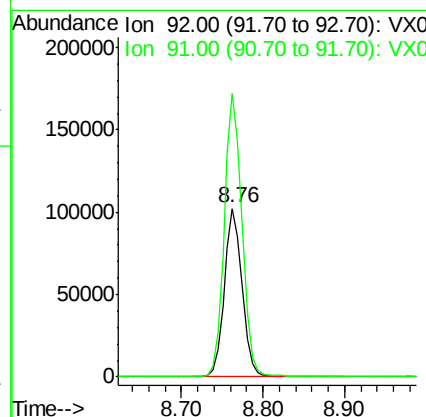
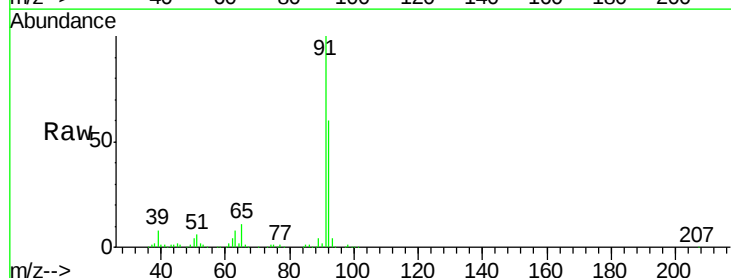
Acq: 23 Nov 2020 22:52

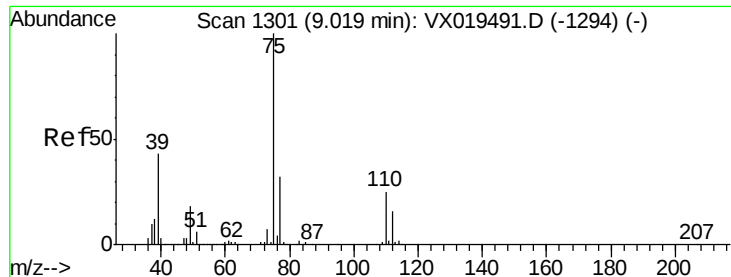
Tgt Ion: 92 Resp: 153916

Ion Ratio Lower Upper

92 100

91 169.7 138.1 207.1





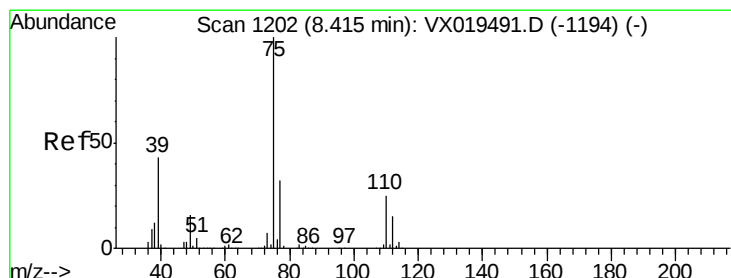
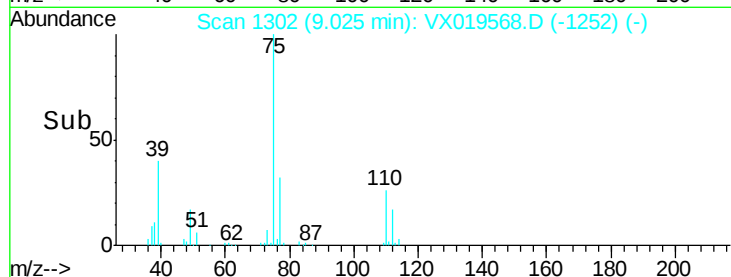
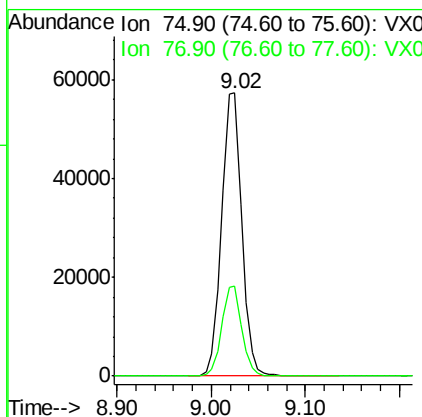
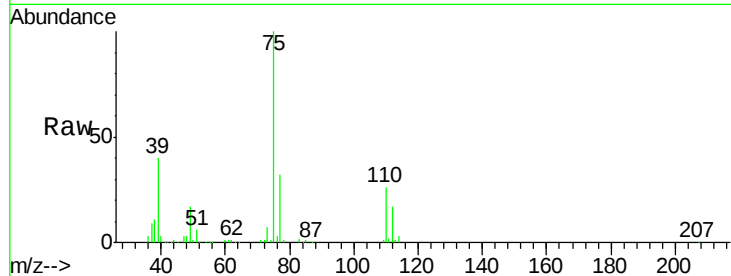
#53
 t-1,3-Dichloropropene
 Concen: 17.713 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Tot Ion: 75 Resp: 85212
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9

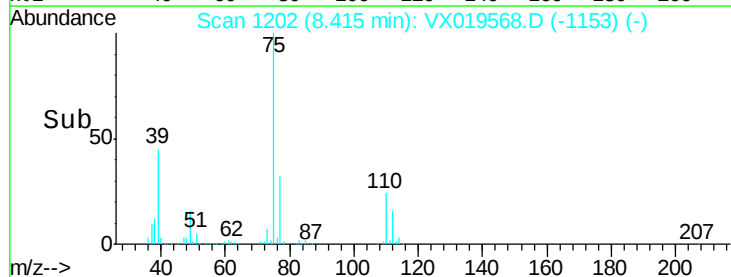
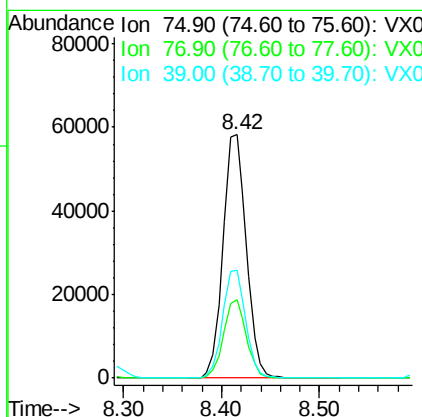
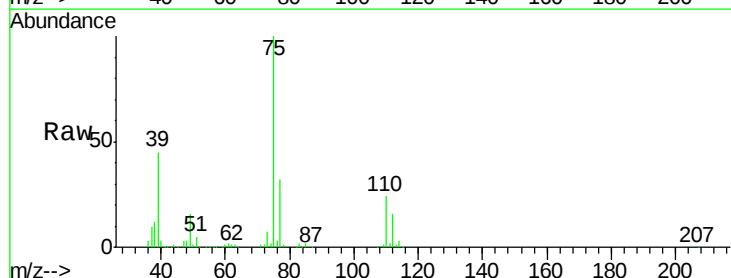
Manual Integrations
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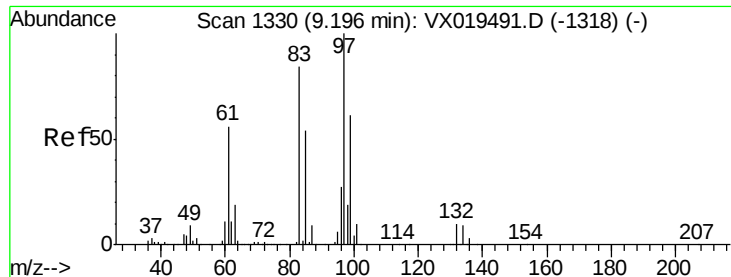
MMDadoda
 11/24/2020 1:09:37 PM



#54
 cis-1,3-Dichloropropene
 Concen: 18.031 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion: 75 Resp: 96266
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6
 39 44.5 34.6 51.8





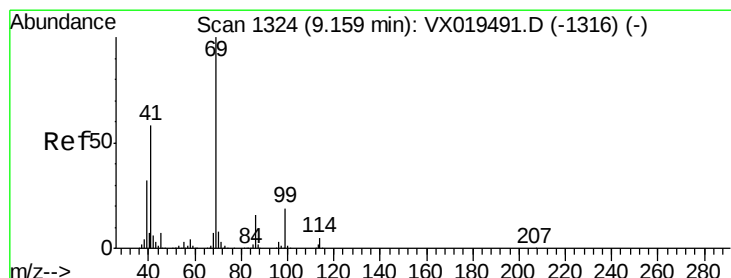
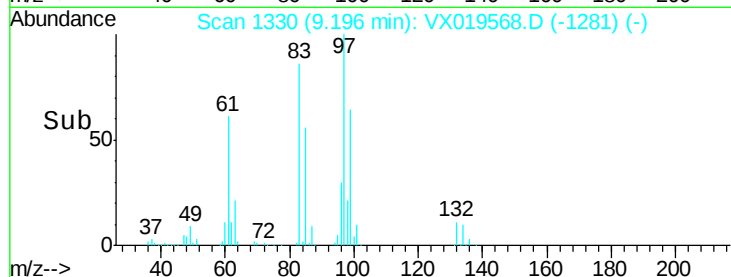
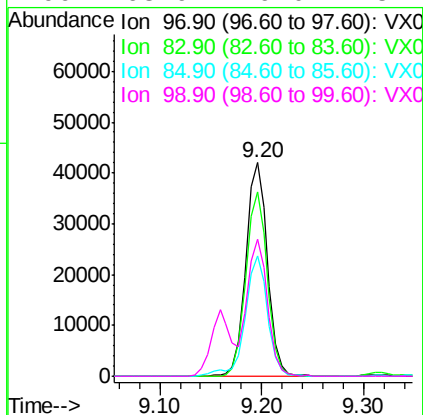
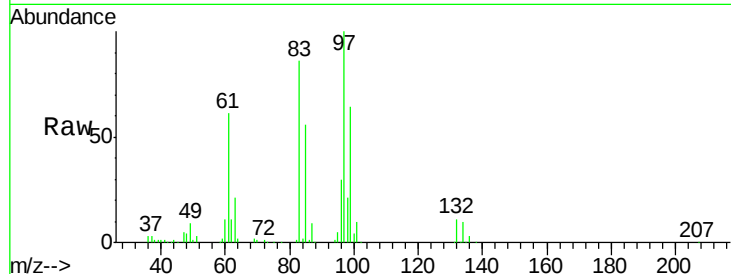
#55
 1,1,2-Trichloroethane
 Concen: 18.225 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Tot Ion:	97	Resp:	61863
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.0	100.6
85	56.3	43.4	65.0
99	63.9	49.0	73.4

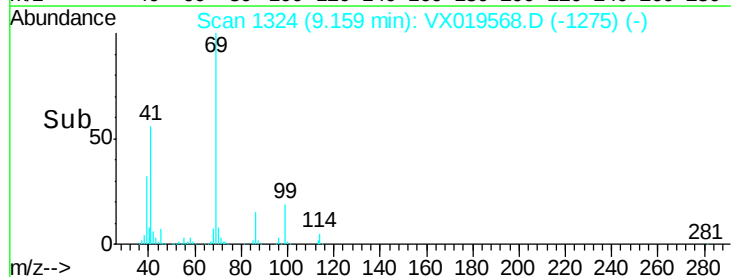
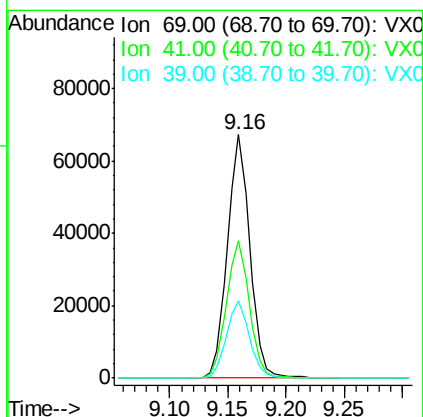
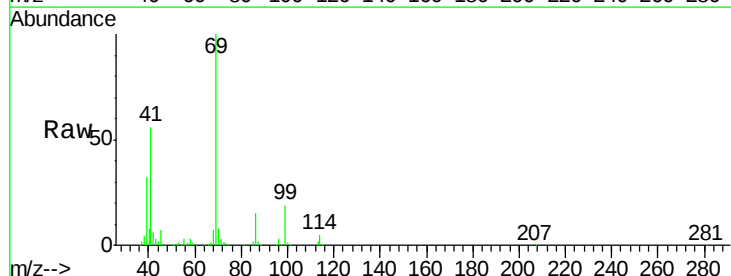
Manual Integrations
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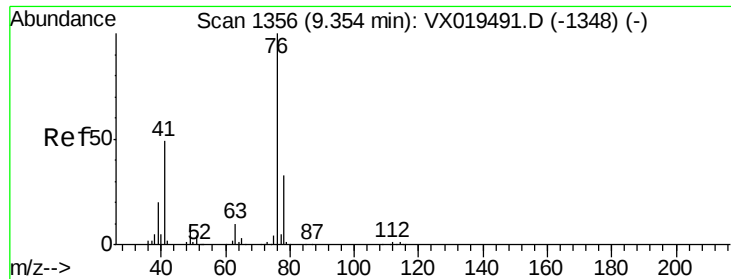
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#56
 Ethyl methacrylate
 Concen: 18.908 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion:	69	Resp:	90816
Ion	Ratio	Lower	Upper
69	100		
41	57.3	46.2	69.2
39	32.4	25.5	38.3





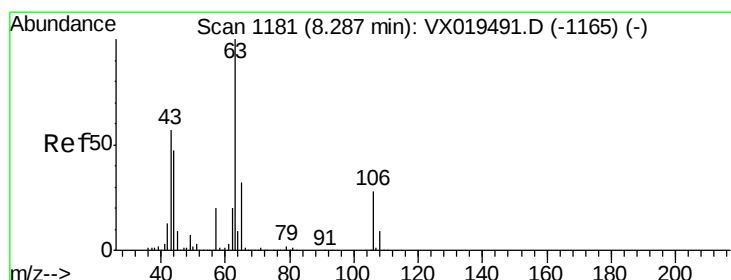
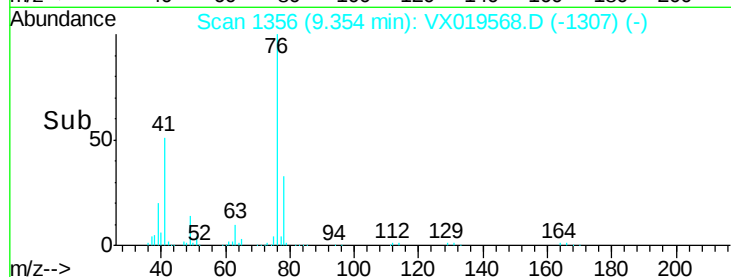
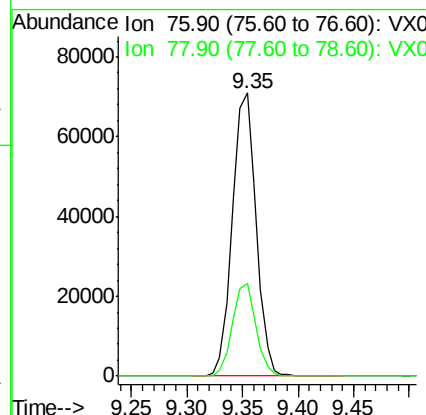
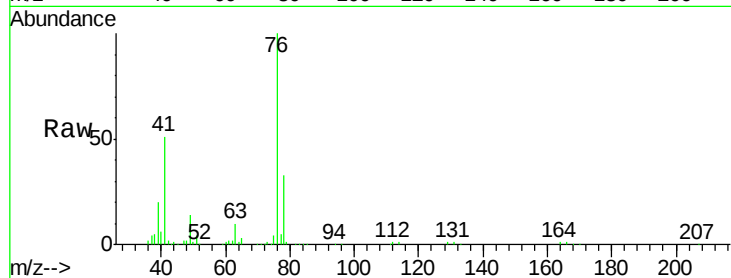
#57
 1,3-Dichloropropane
 Concen: 18.493 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.7	38.5

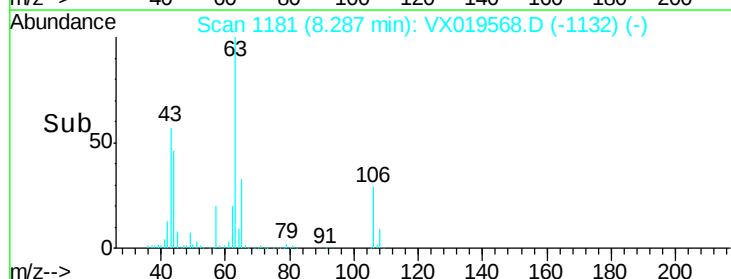
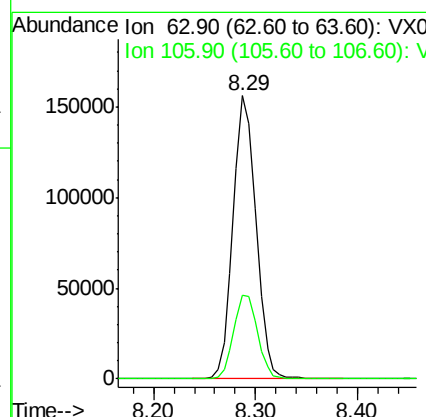
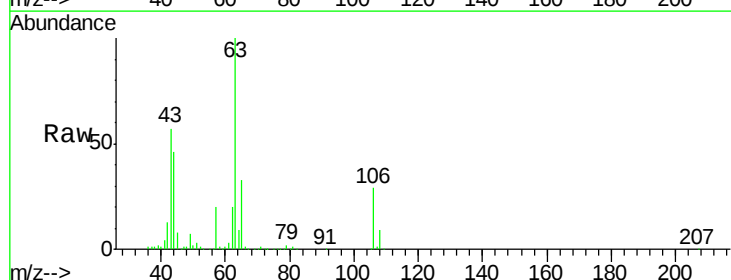
Manual Integrations
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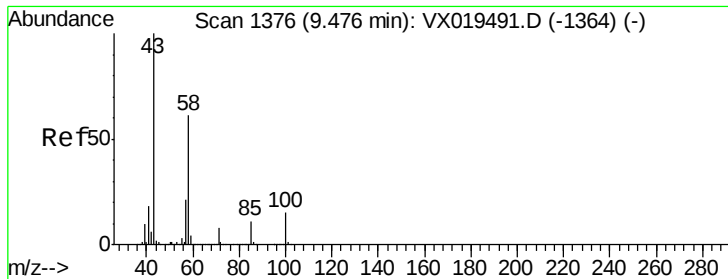
MMDadoda
 11/24/2020 1:09:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.476 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.6	23.7	35.5





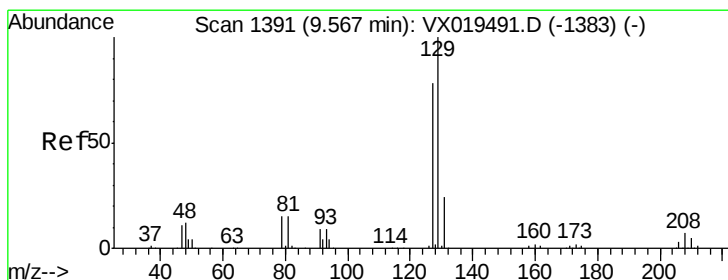
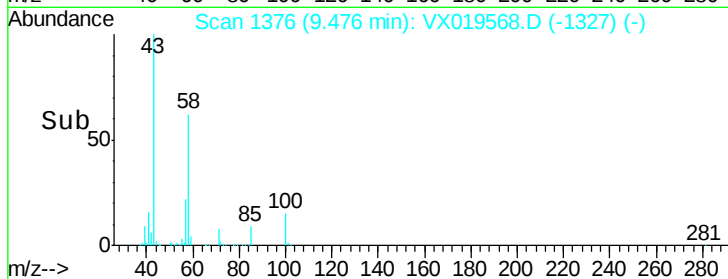
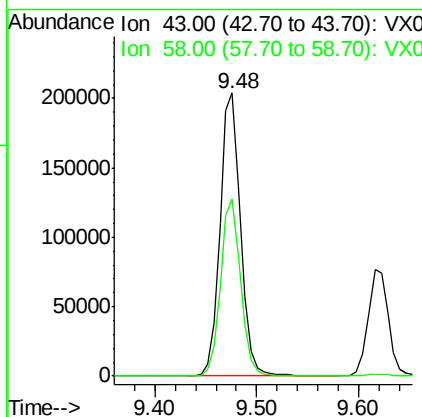
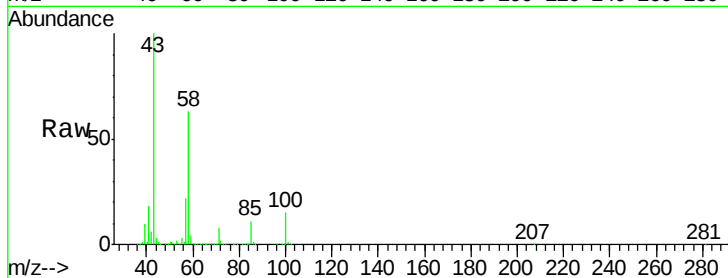
#59
2-Hexanone
Concen: 92.303 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.9	30.6	91.6

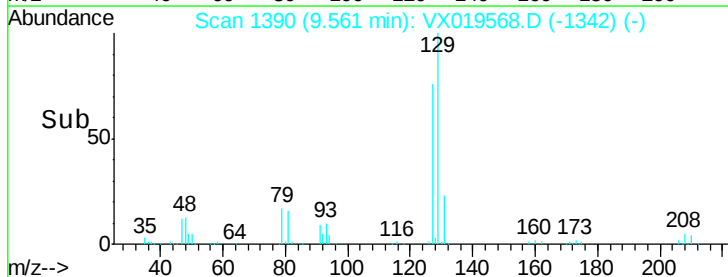
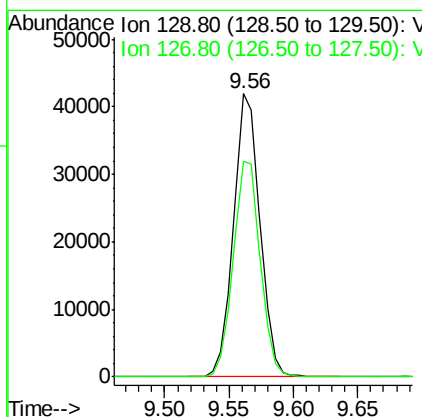
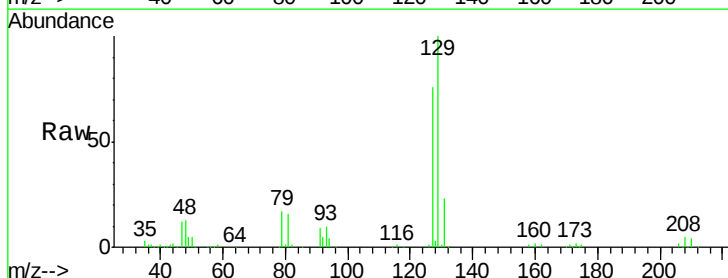
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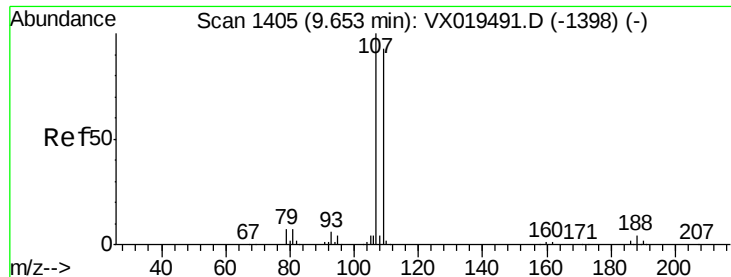
MMDadoda
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#60
Dibromochloromethane
Concen: 18.088 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.0	116.9





#61

1,2-Dibromoethane

Concen: 18.377 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion:107 Resp: 64298

Ion Ratio Lower Upper

107 100

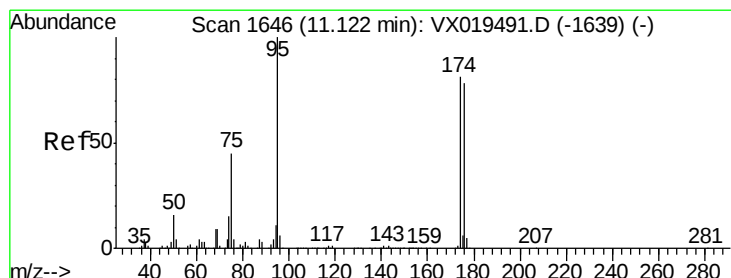
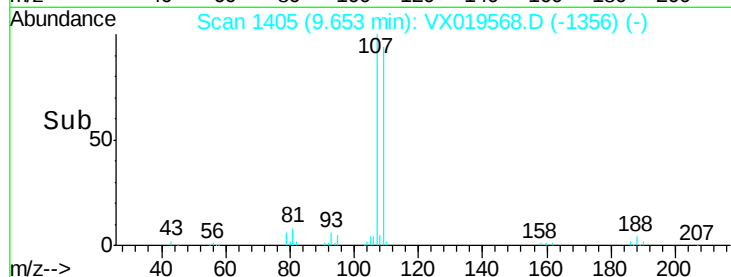
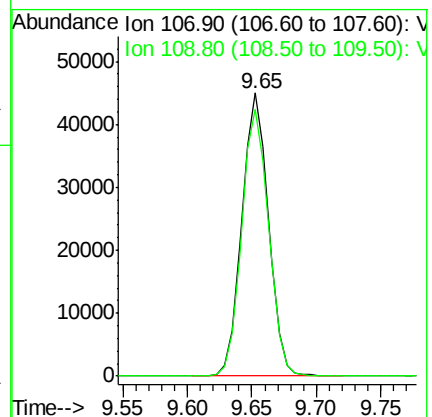
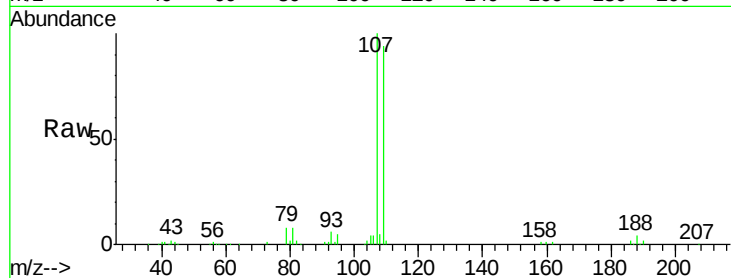
109 95.6 74.8 112.2

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11/24/2020 1:09:37 PM



#62

4-Bromofluorobenzene

Concen: 47.101 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

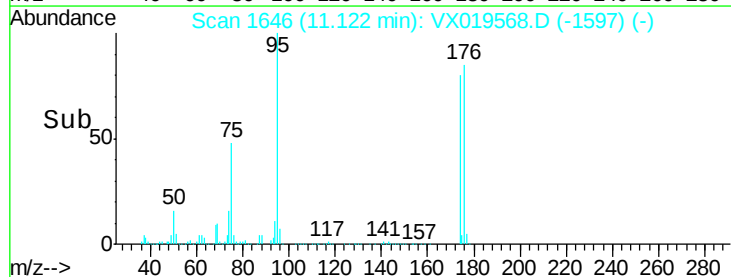
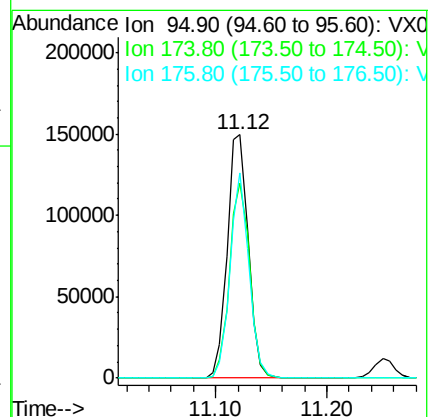
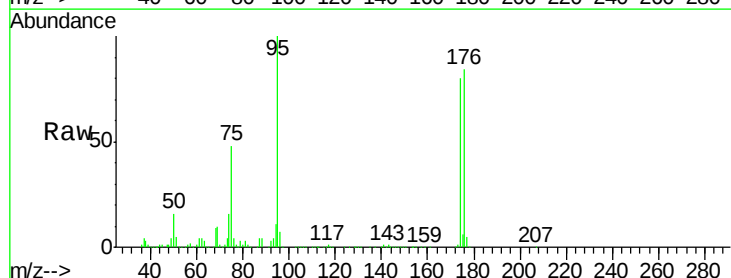
Tgt Ion: 95 Resp: 195508

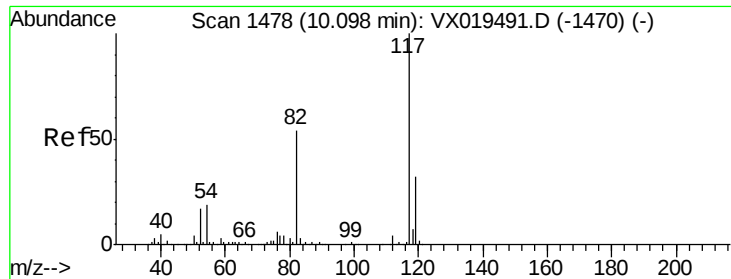
Ion Ratio Lower Upper

95 100

174 77.2 0.0 156.2

176 75.5 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: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

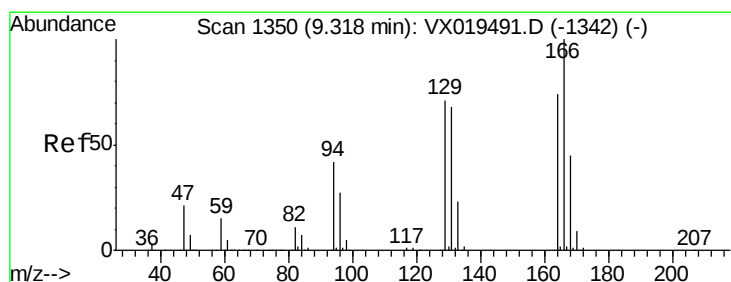
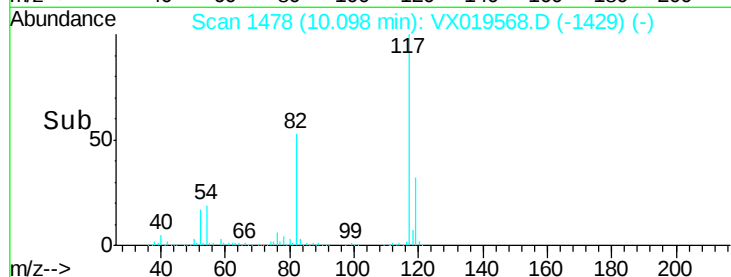
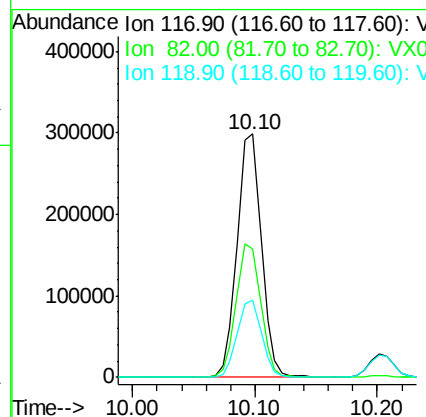
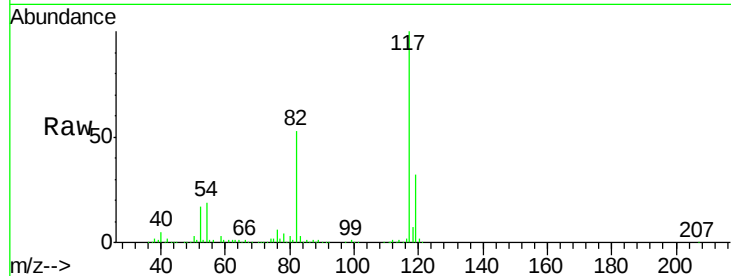
ClientSampleId :

VX1123WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	409137		
82	52.6	43.0	64.4	
119	31.9	25.6	38.4	

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#64

Tetrachloroethene

Concen: 17.495 ug/l

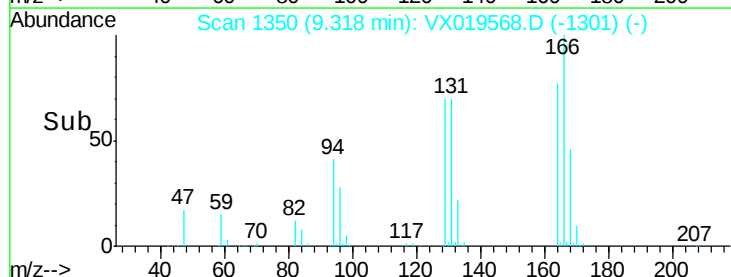
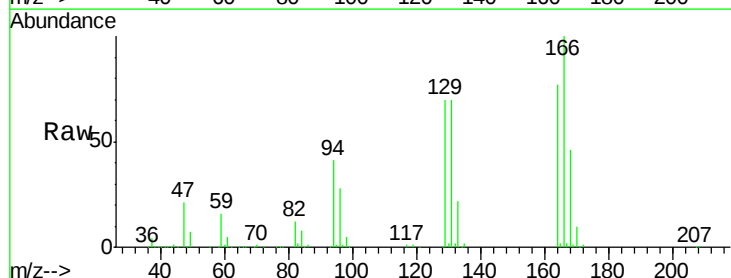
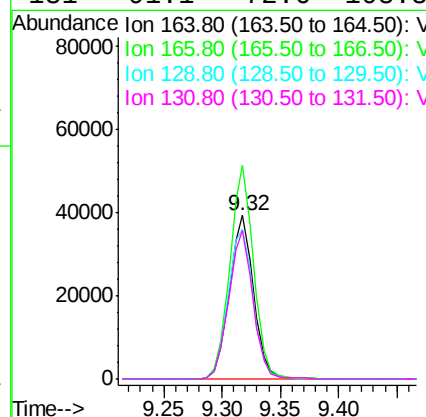
RT: 9.32 min Scan# 1350

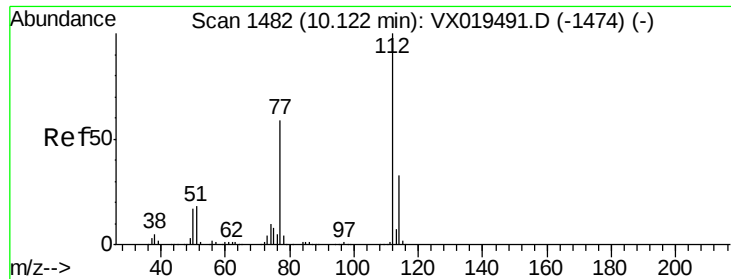
Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56263		
166	130.7	107.4	161.0	
129	91.5	76.6	114.8	
131	91.1	72.6	108.8	





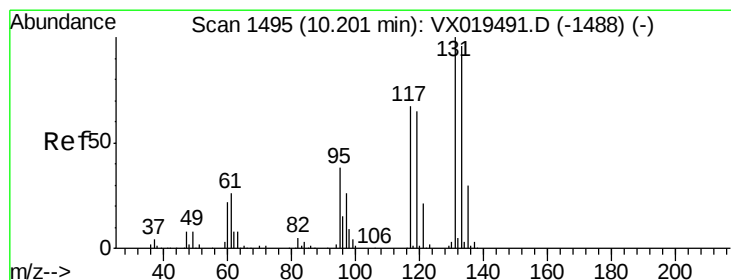
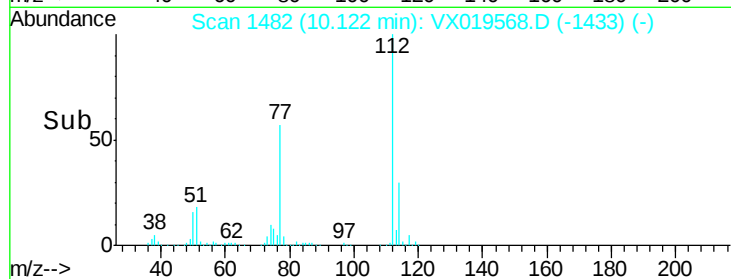
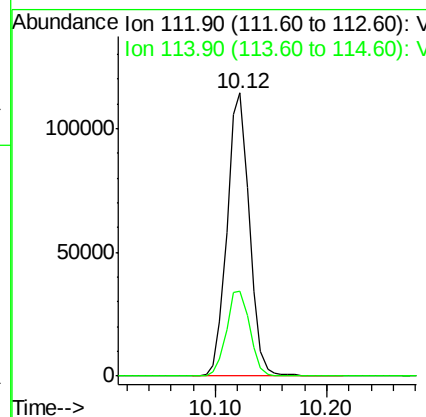
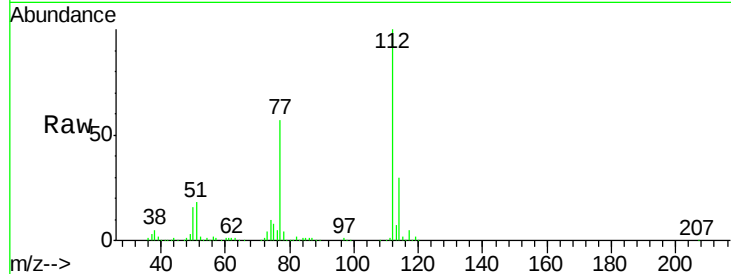
#65
Chlorobenzene
Concen: 18.772 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion:112 Resp: 157907
Ion Ratio Lower Upper
112 100
114 30.2 26.0 39.0

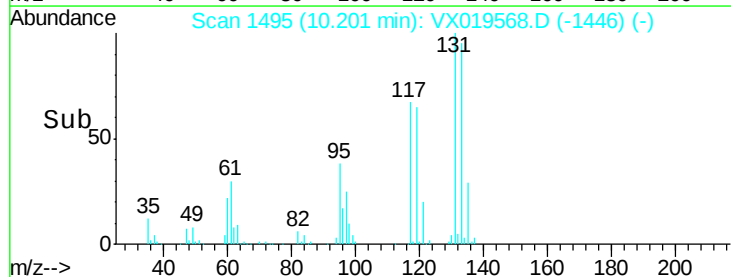
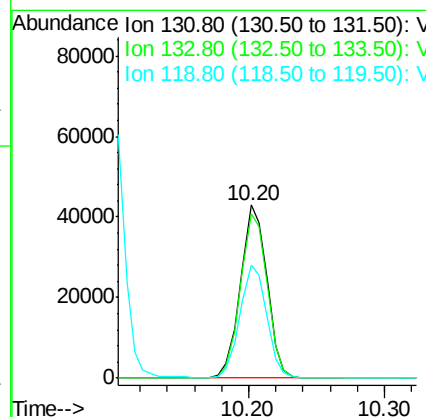
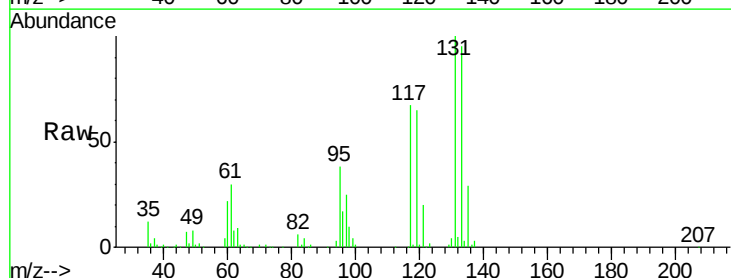
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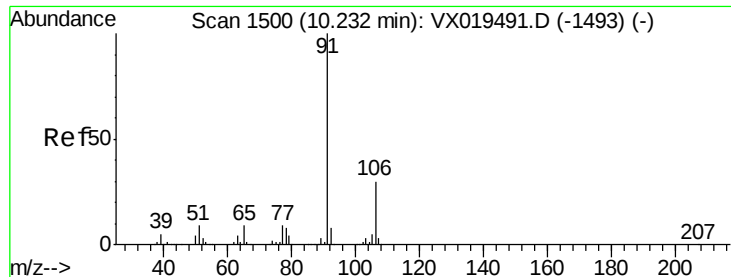
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.101 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion:131 Resp: 58444
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.5
119 65.9 33.0 99.0





#67

Ethyl Benzene

Concen: 19.071 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion: 91 Resp: 281035

Ion Ratio Lower Upper

91 100

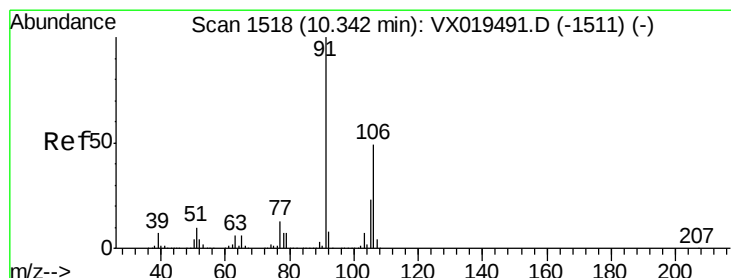
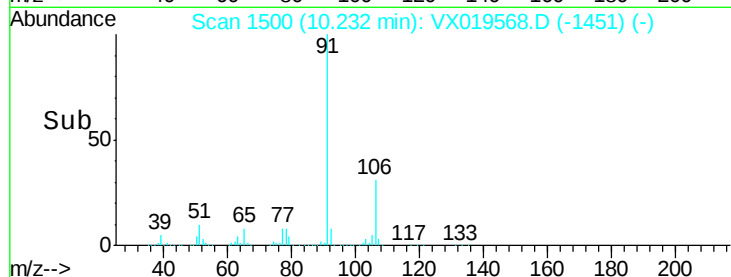
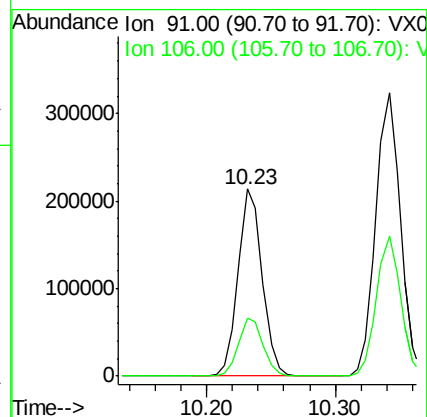
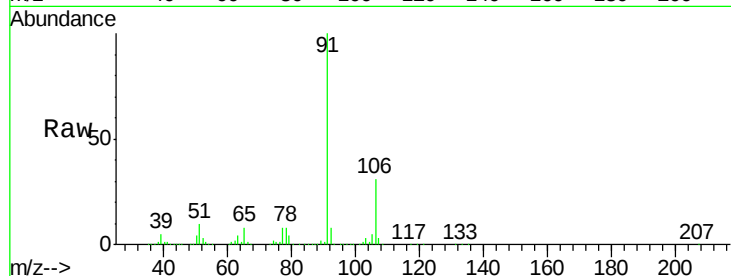
106 30.9 24.0 36.0

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11/24/2020 1:09:37 PM



#68

m/p-Xylenes

Concen: 38.023 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019568.D

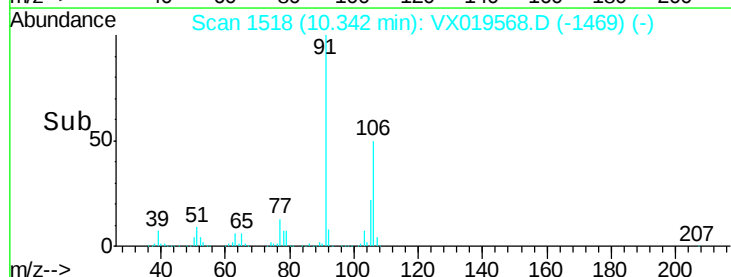
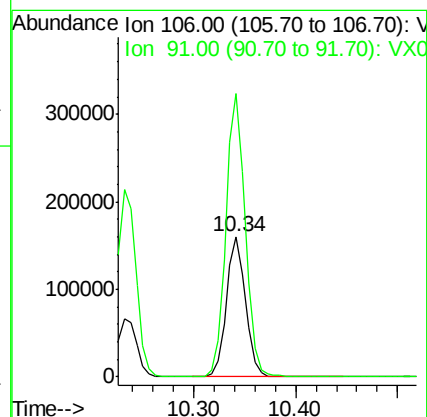
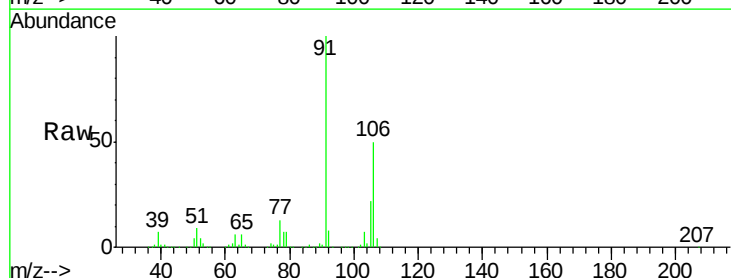
Acq: 23 Nov 2020 22:52

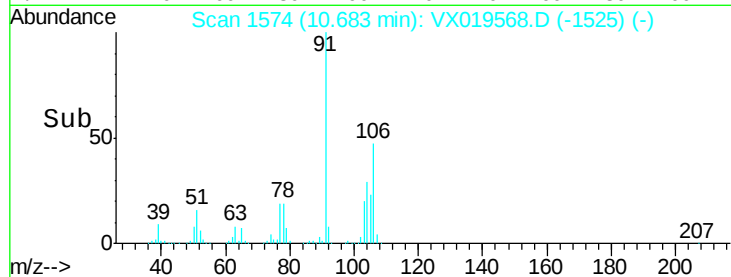
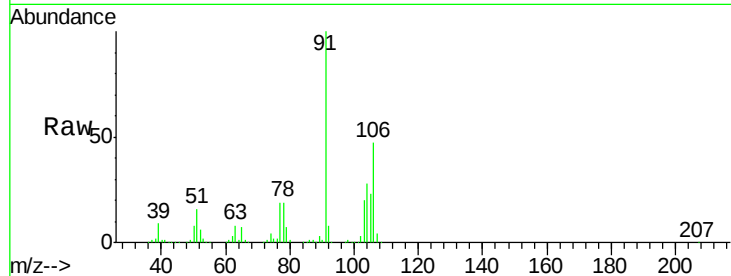
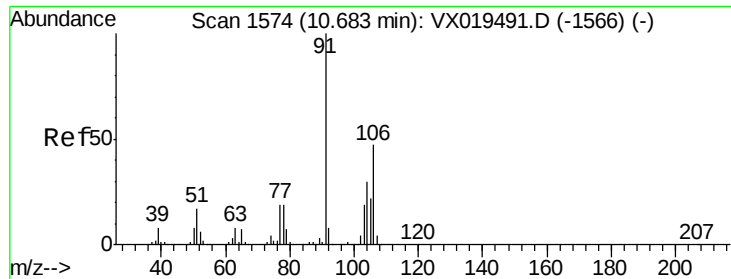
Tgt Ion: 106 Resp: 208756

Ion Ratio Lower Upper

106 100

91 204.3 163.3 244.9





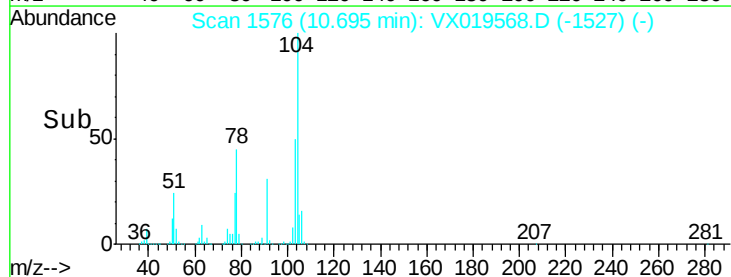
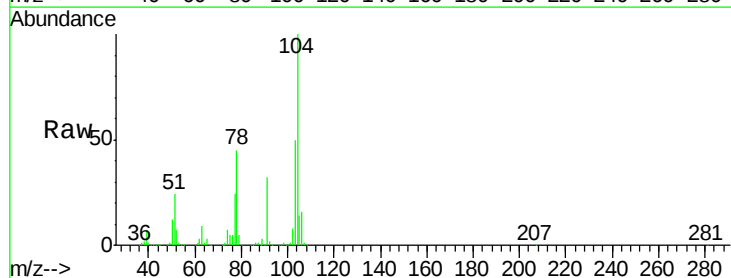
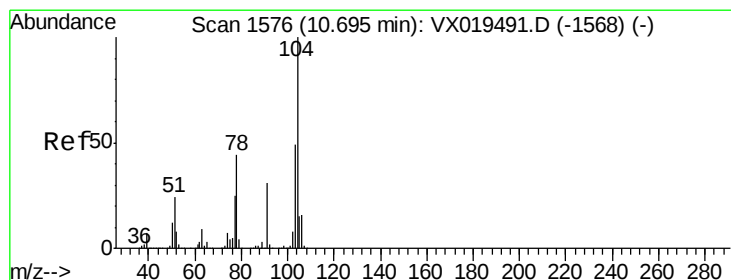
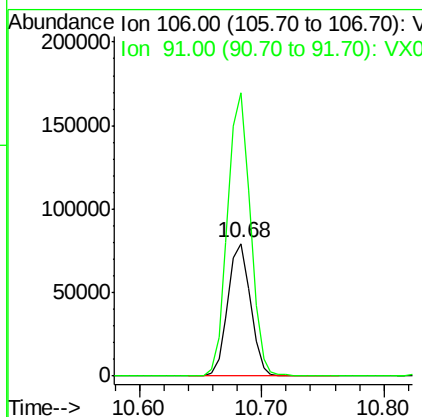
#69
o-Xylene
Concen: 19.470 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tot Ion:106 Resp: 102184
Ion Ratio Lower Upper
106 100
91 214.0 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

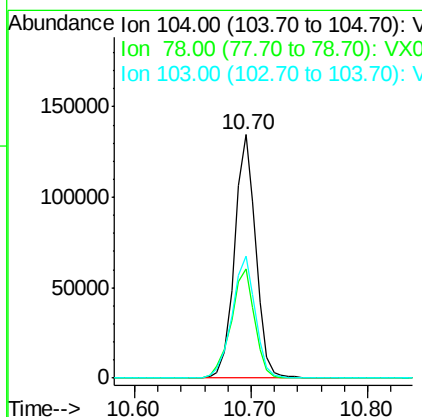
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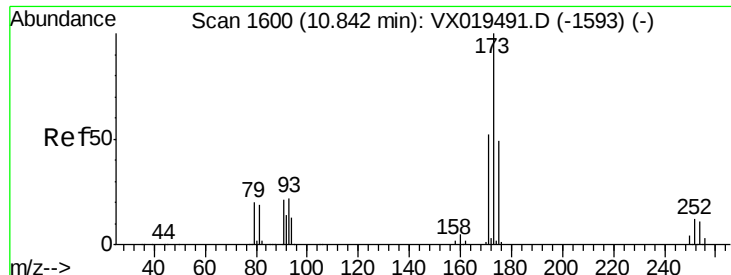
MMDadoda
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#70
Styrene
Concen: 18.615 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion:104 Resp: 170469
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 55.1 43.6 65.4





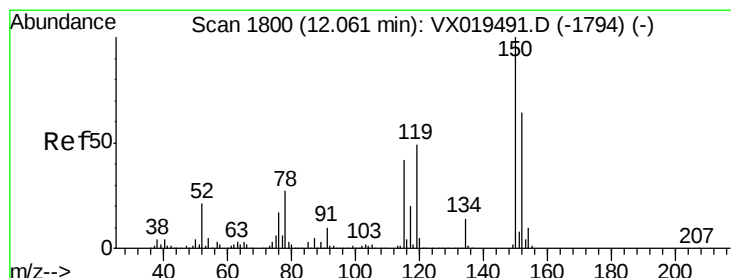
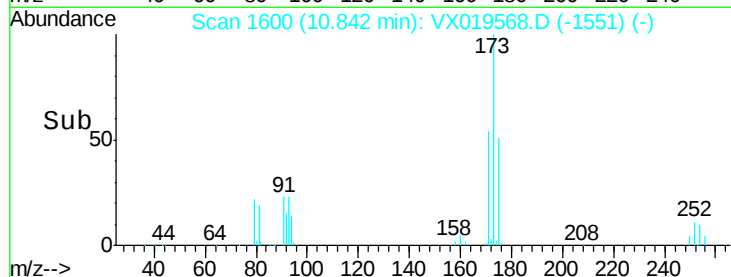
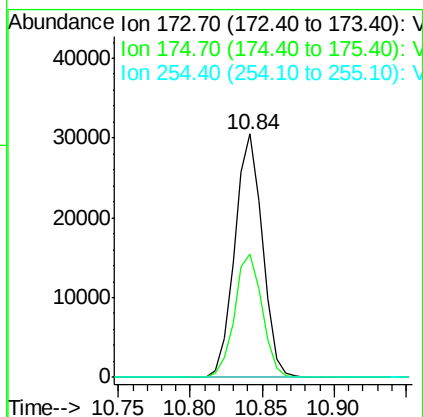
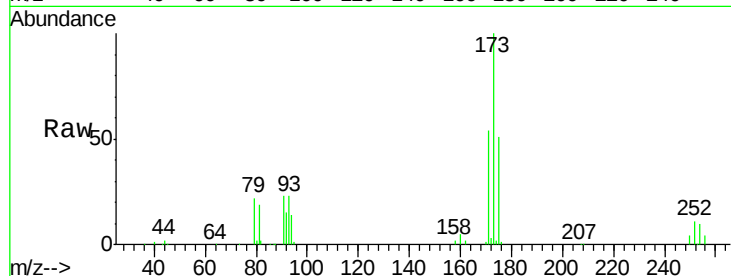
#71
Bromoform
Concen: 18.264 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.9	74.8
254	0.0	0.1	0.1#

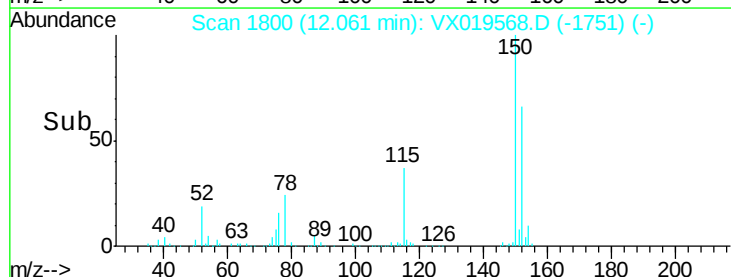
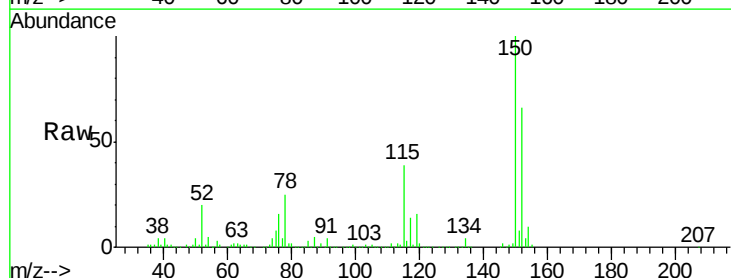
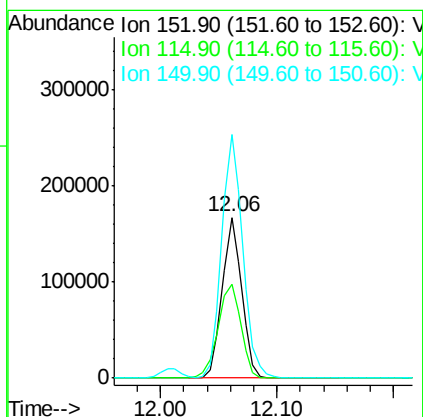
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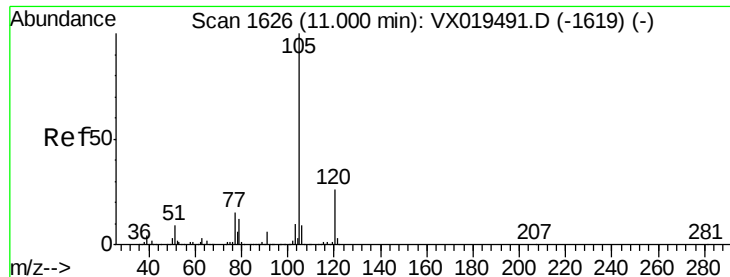
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.5	41.8	125.4
150	163.5	0.0	348.2





#73

Isopropylbenzene

Concen: 20.433 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion:105 Resp: 272907

Ion Ratio Lower Upper

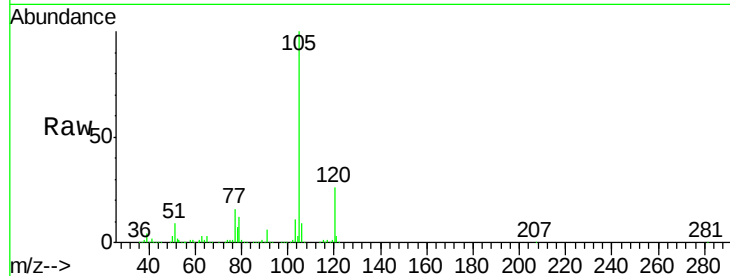
105 100

120 26.1 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

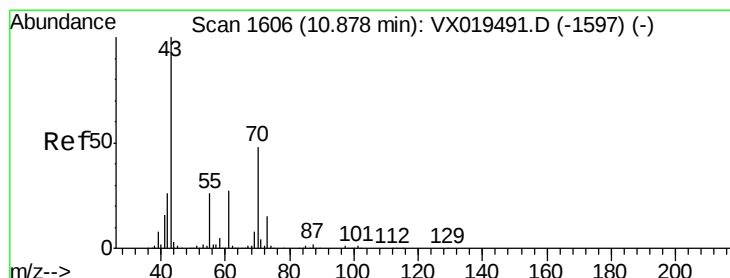
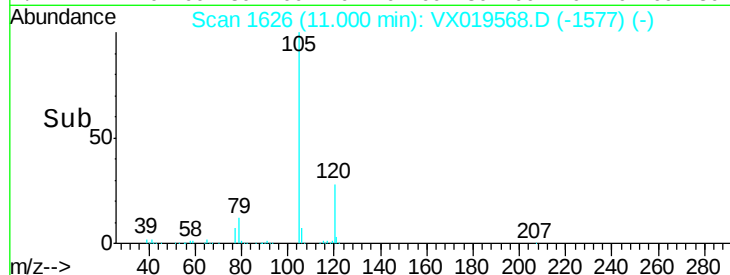
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 20.559 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Tgt Ion: 43 Resp: 102894

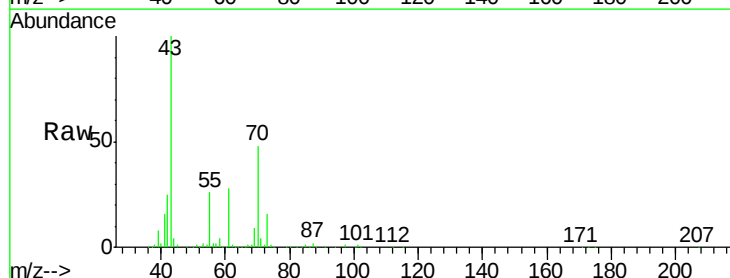
Ion Ratio Lower Upper

43 100

70 50.4 39.7 59.5

55 26.9 21.8 32.6

61 27.6 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

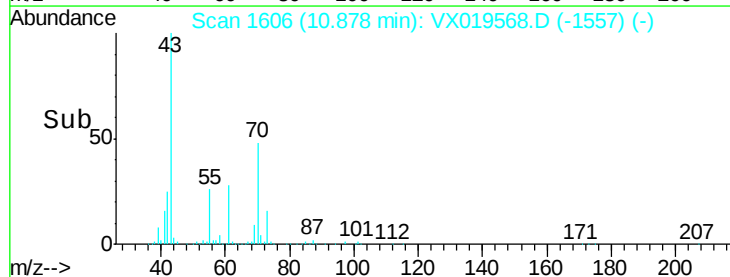
Ion 61.00 (60.70 to 61.70): VX0

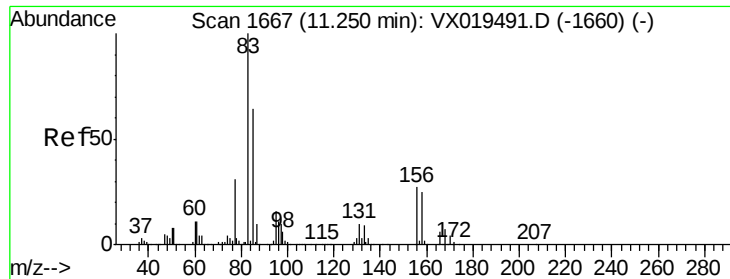
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.854 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

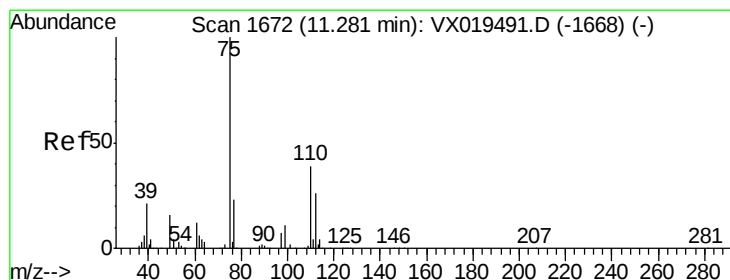
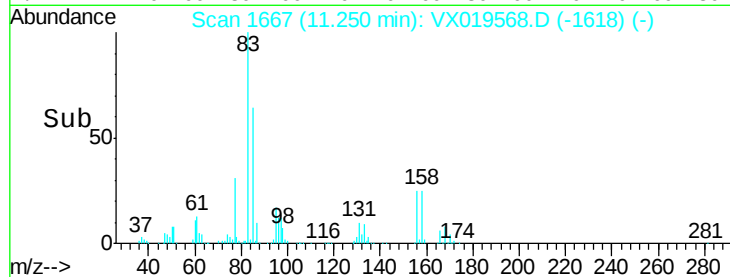
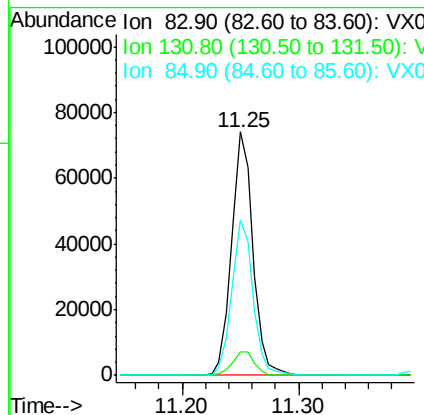
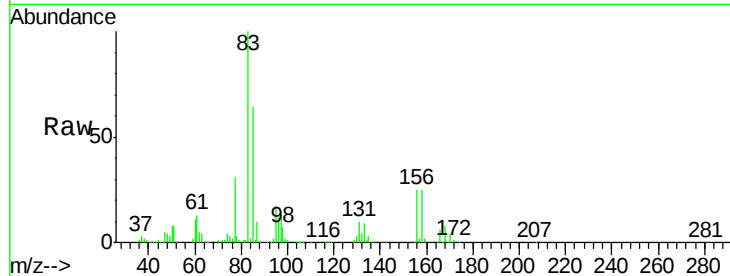
ClientSampleId :

VX1123WBS02

Tot Ion:	83	Resp:	94829
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	63.7	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 20.206 ug/l m

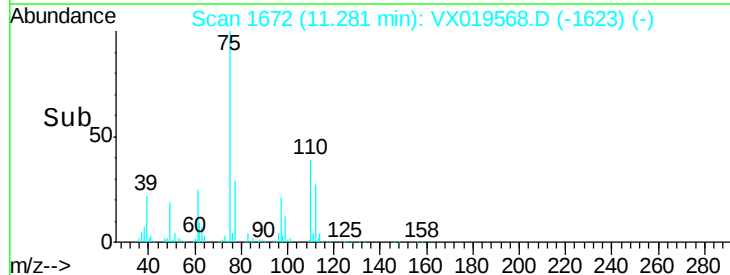
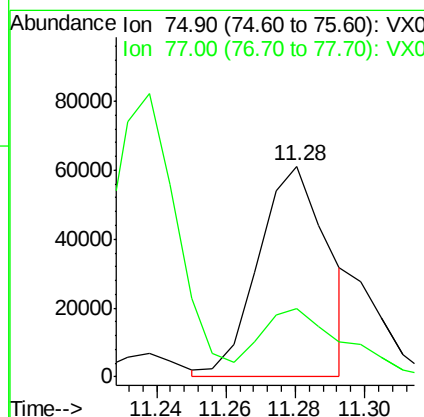
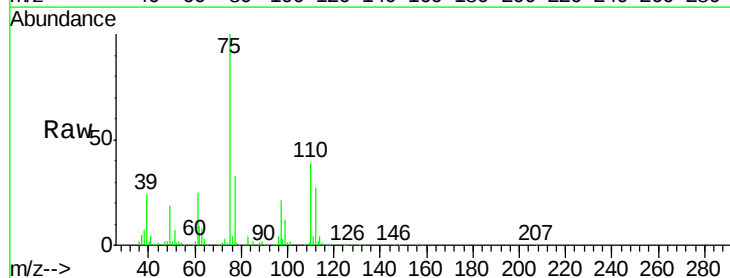
RT: 11.28 min Scan# 1672

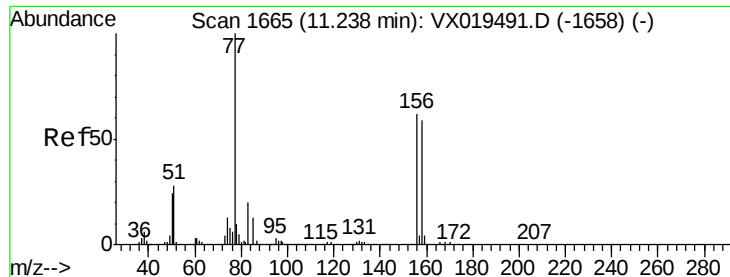
Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Tgt Ion:	75	Resp:	85136
Ion Ratio	Lower	Upper	
75	100		
77	38.9	20.0	60.0





#77

Bromobenzene

Concen: 19.903 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion:156 Resp: 67862

Ion Ratio Lower Upper

156 100

77 160.7 82.5 247.3

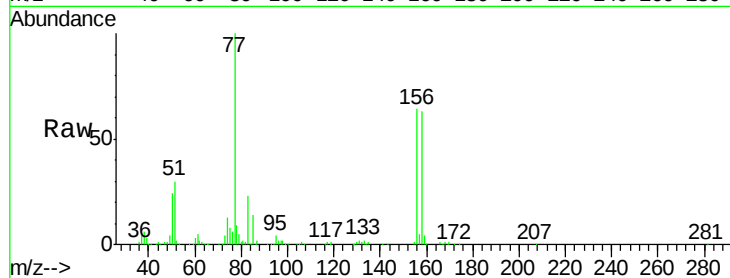
158 97.4 48.9 146.7

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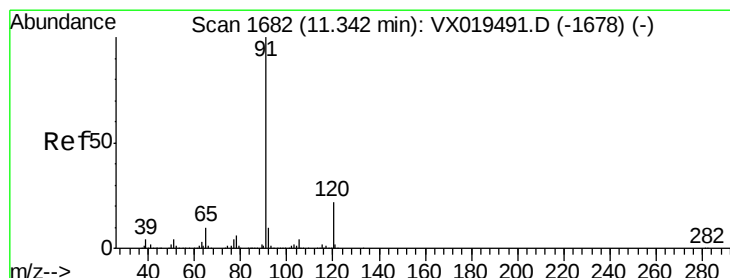
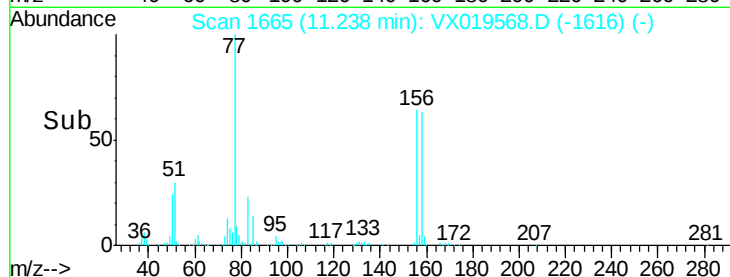
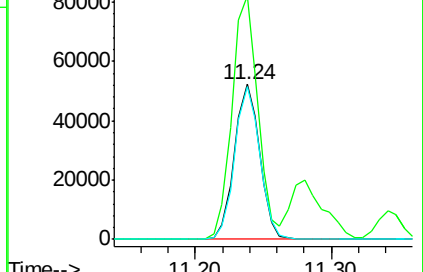
11/24/2020 1:09:37 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.501 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019568.D

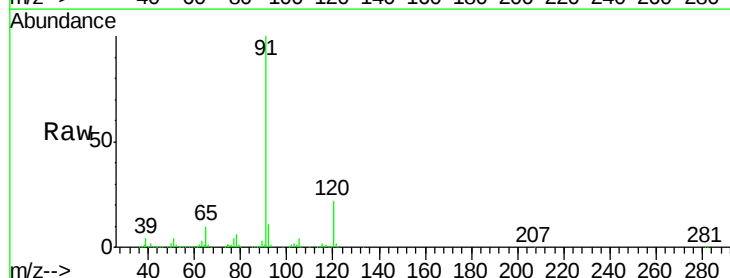
Acq: 23 Nov 2020 22:52

Tgt Ion: 91 Resp: 298799

Ion Ratio Lower Upper

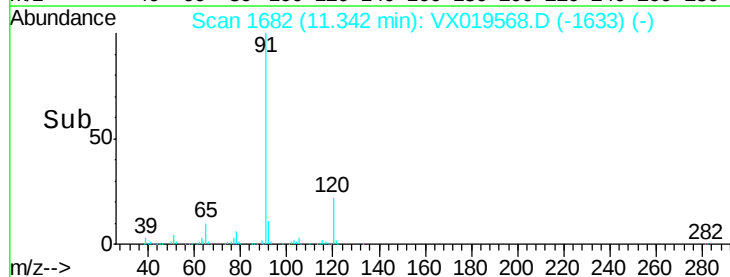
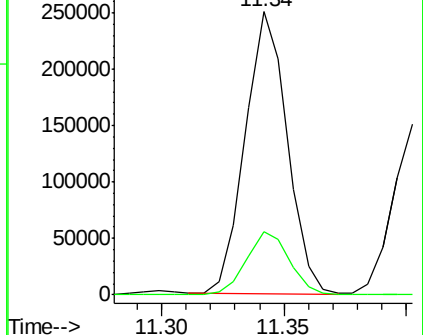
91 100

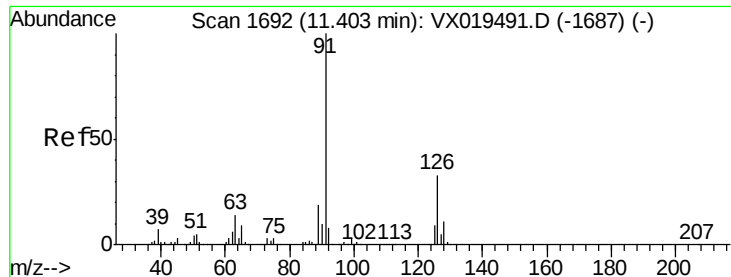
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





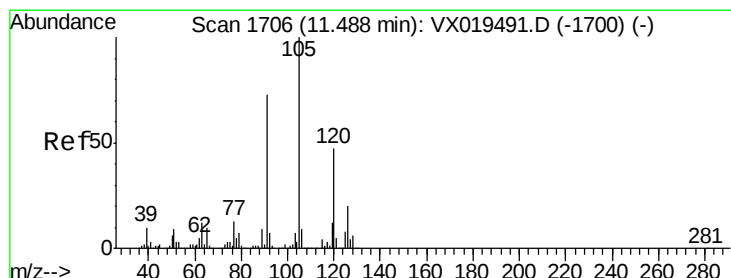
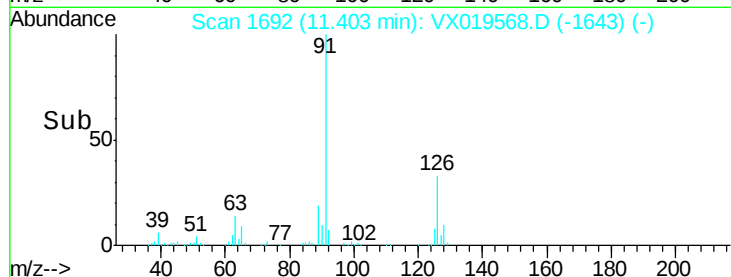
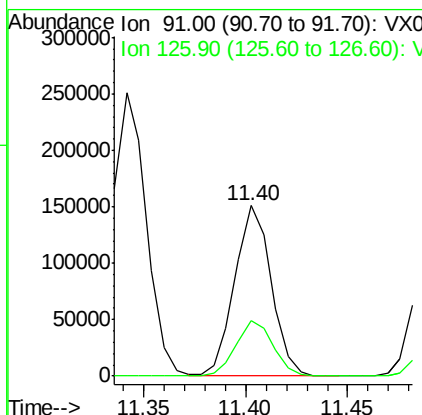
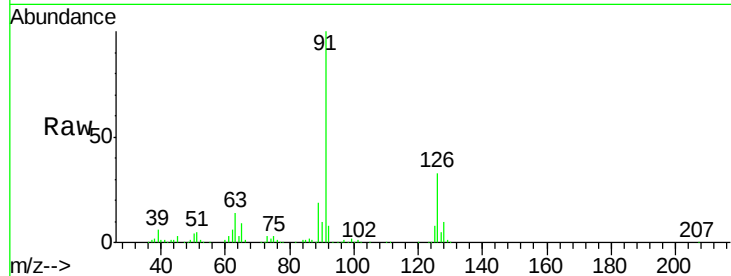
#79
2-Chlorotoluene
Concen: 20.178 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion: 91 Resp: 187496
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0

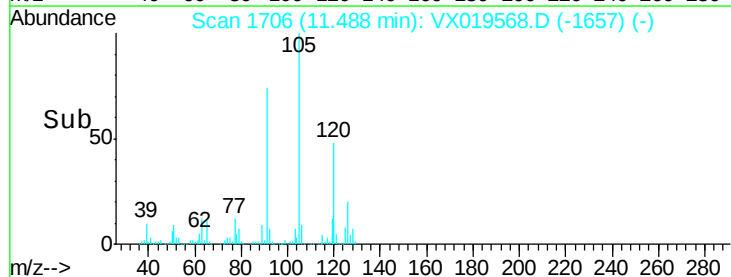
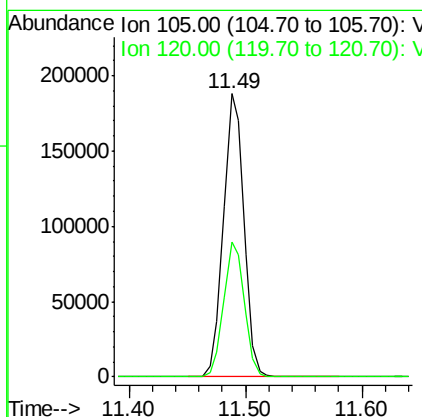
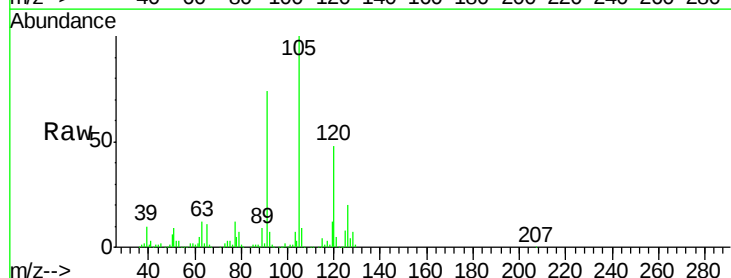
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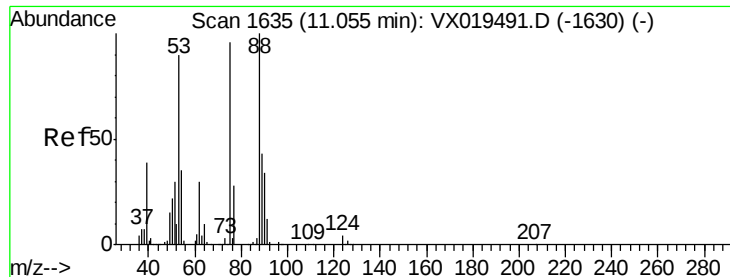
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.363 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 105 Resp: 228150
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





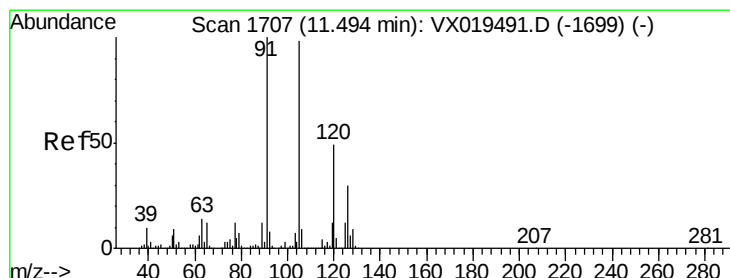
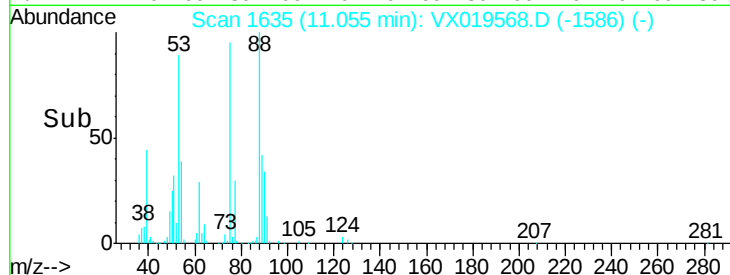
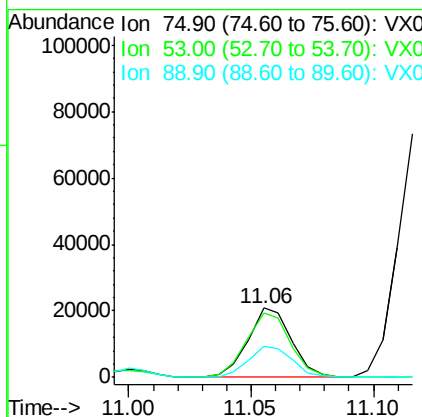
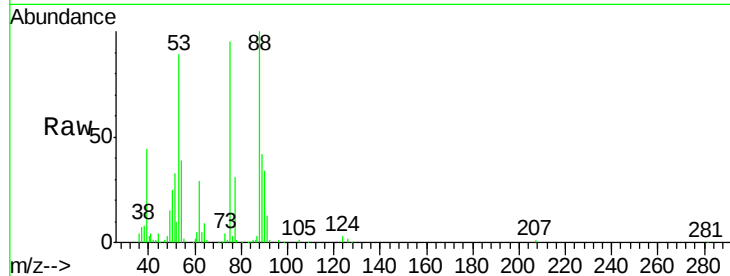
#81
trans-1,4-Dichloro-2-butene
Concen: 19.237 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.0	73.9	110.9
89	46.3	37.3	55.9

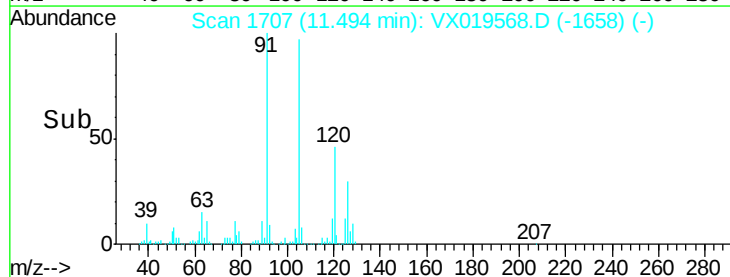
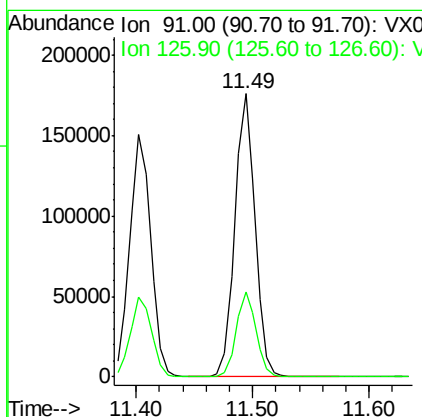
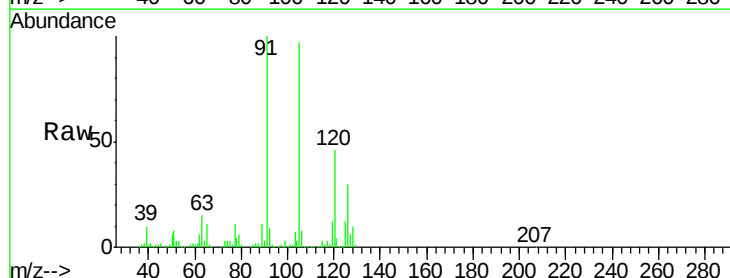
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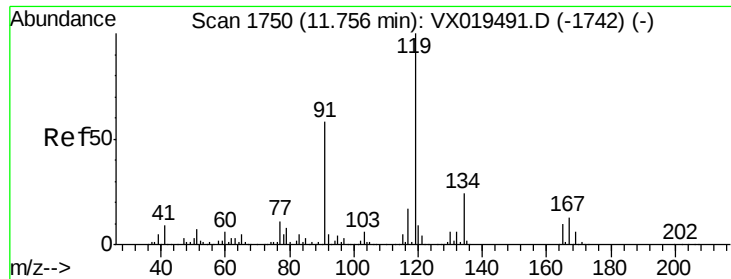
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#82
4-Chlorotoluene
Concen: 19.526 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.7





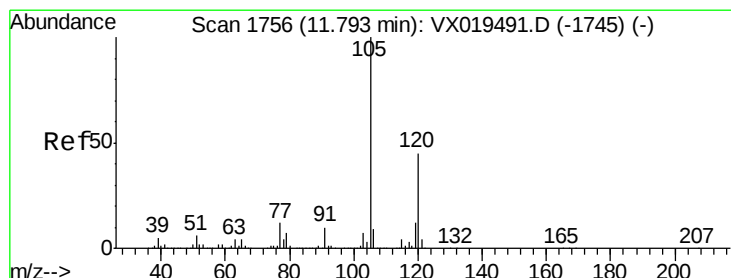
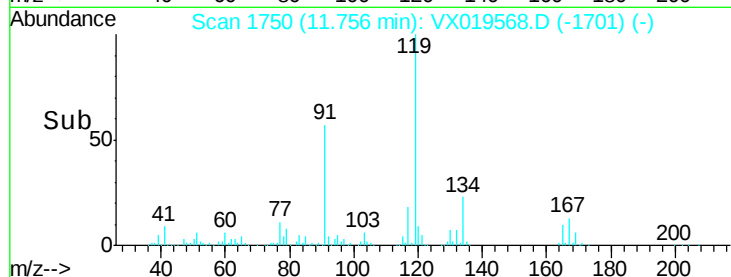
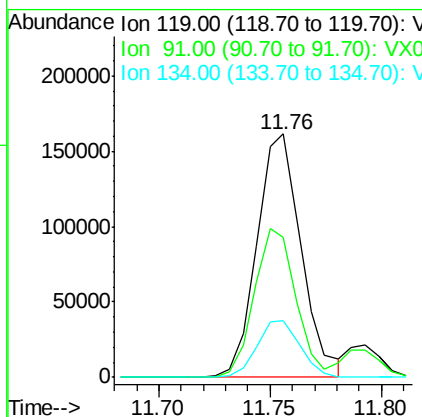
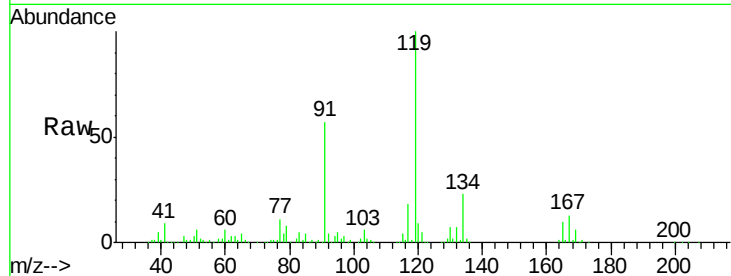
#83
tert-Butylbenzene
Concen: 20.619 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	223499		
91	57.5	28.9	86.8	
134	22.9	11.7	35.0	

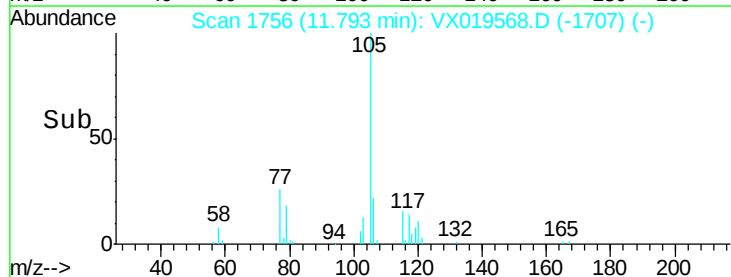
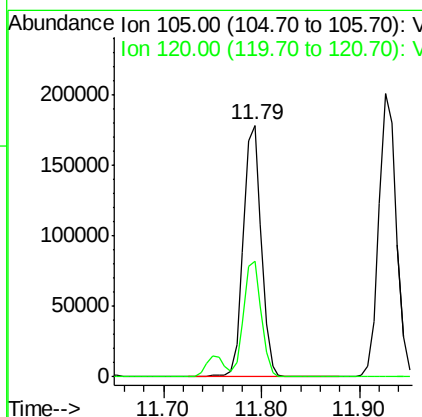
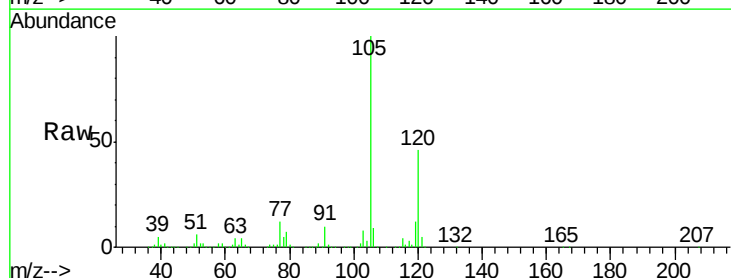
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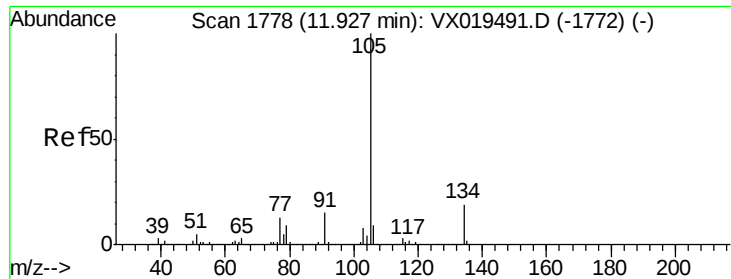
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.044 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	227224		
120	45.2	22.2	66.6	





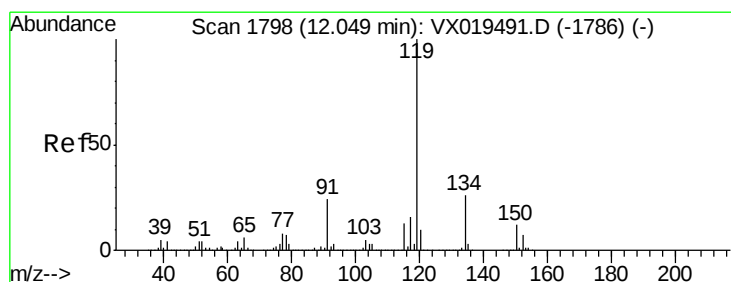
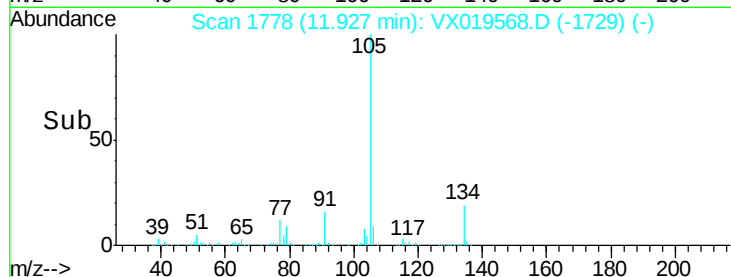
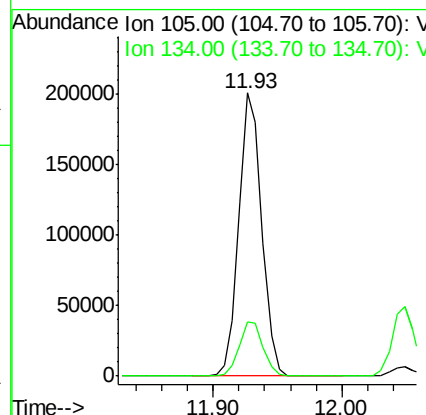
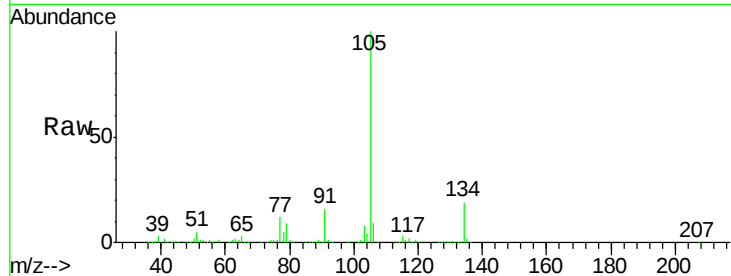
#85
 sec-Butylbenzene
 Concen: 19.321 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	249153		
134	19.8	10.1	30.3	

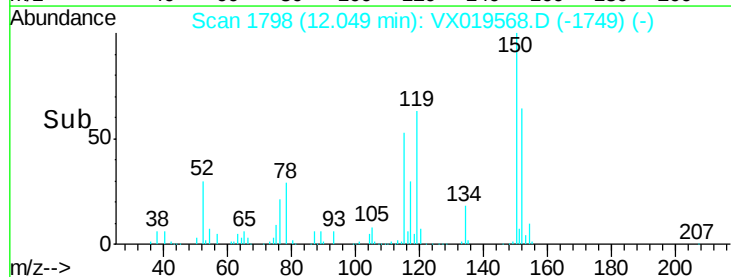
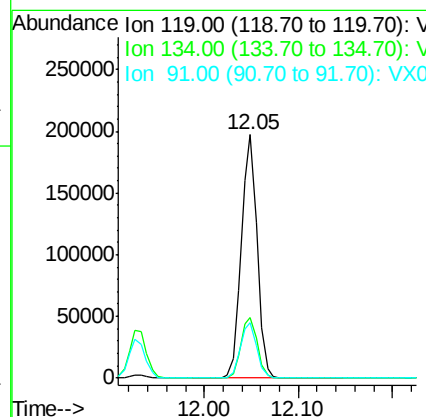
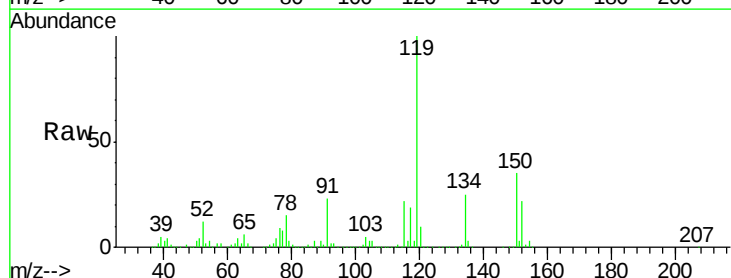
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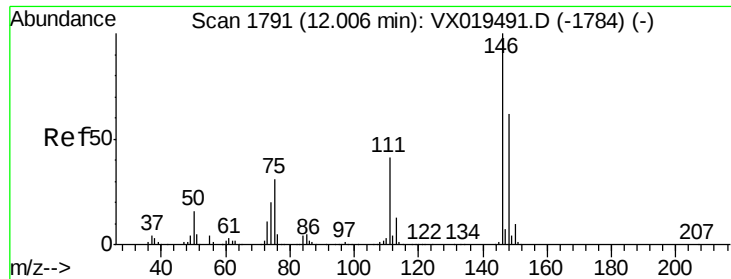
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 11/24/2020 1:09:37 PM



#86
 p-Isopropyltoluene
 Concen: 19.526 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	228608		
134	26.0	13.1	39.3	
91	23.3	11.8	35.4	





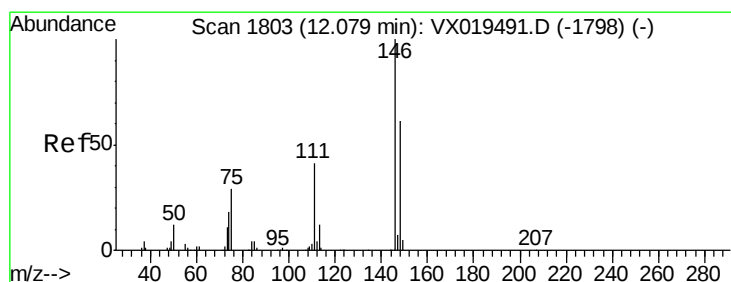
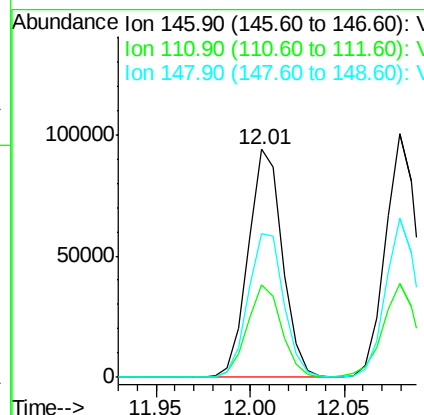
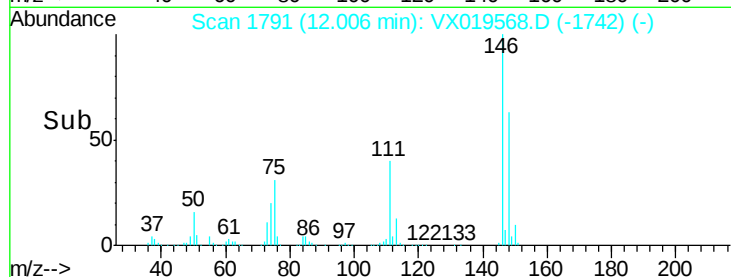
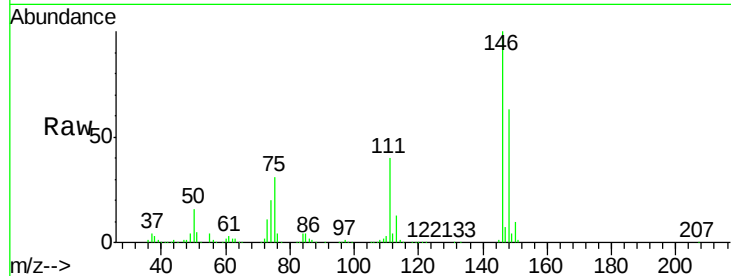
#87
 1,3-Dichlorobenzene
 Concen: 18.908 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.6
148	65.4	31.4	94.2

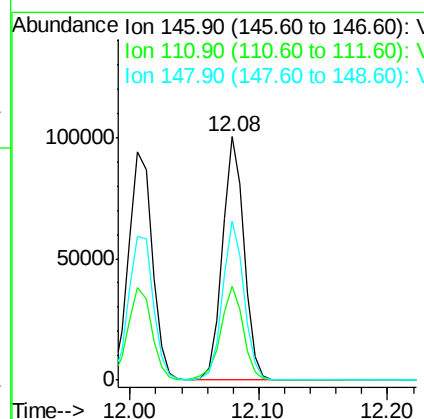
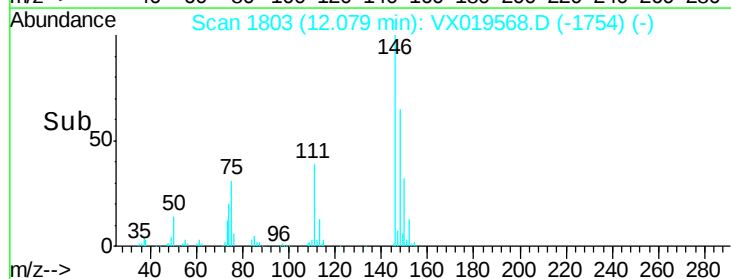
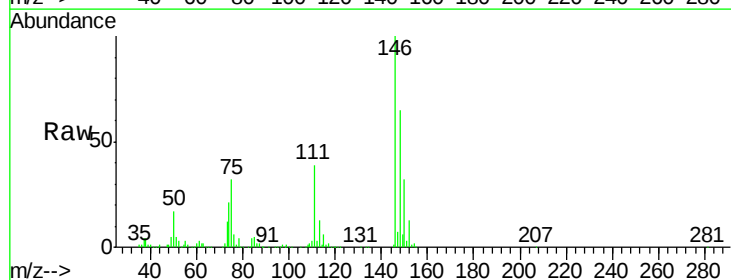
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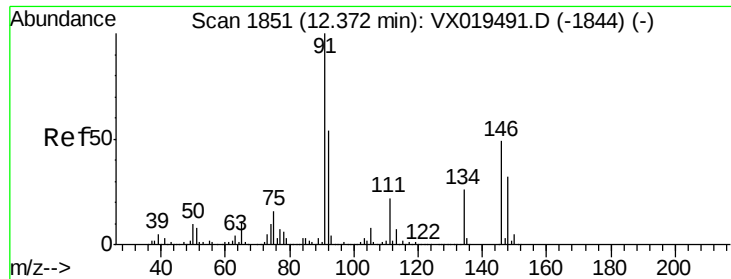
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 11/24/2020 1:09:37 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.522 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.6
148	64.7	31.7	95.1





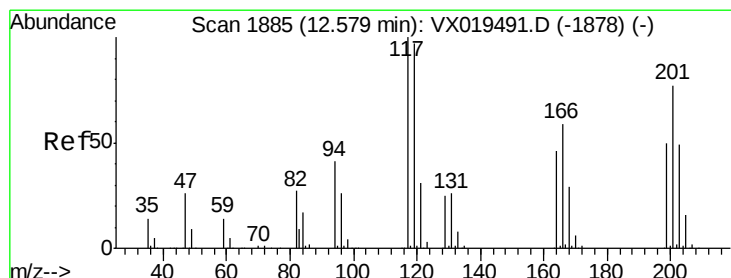
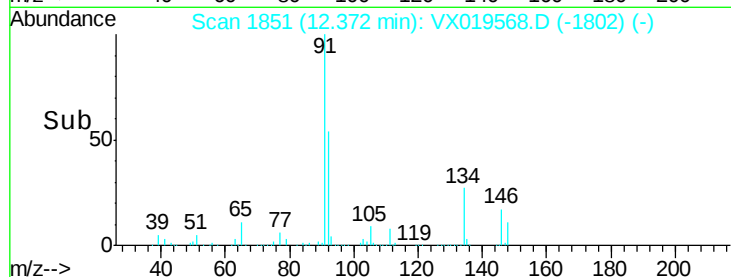
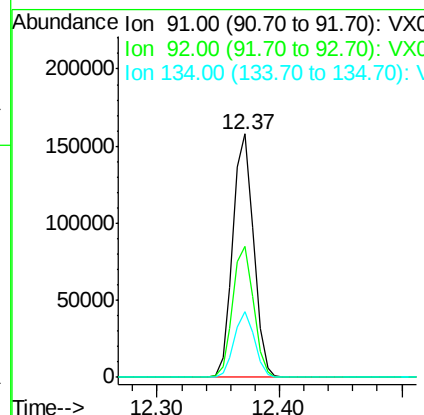
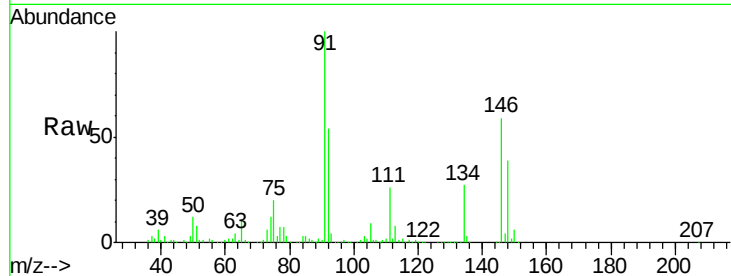
#89
n-Butylbenzene
Concen: 17.464 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	184851		
92	54.2	26.9	80.6	
134	26.4	12.9	38.6	

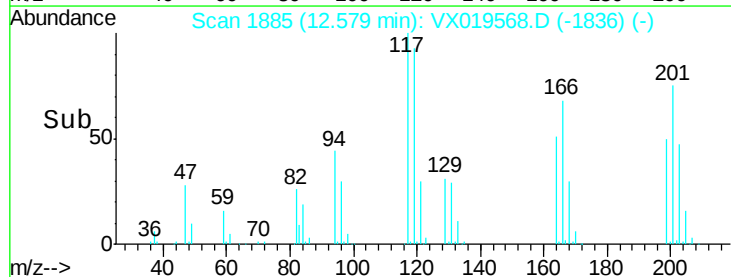
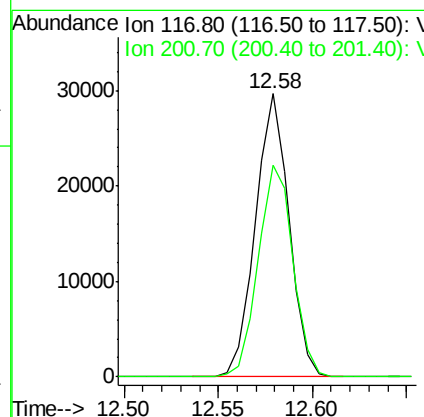
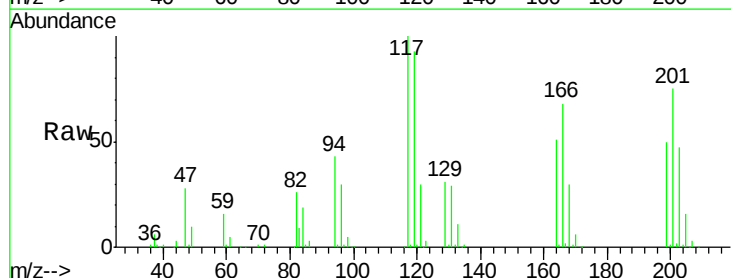
Manual Integrations
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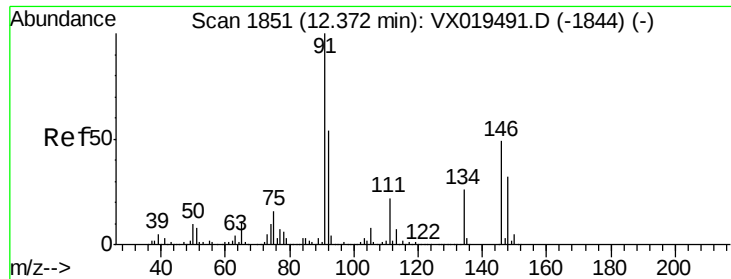
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11/24/2020 1:09:37 PM



#90
Hexachloroethane
Concen: 18.681 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	36598		
201	77.2	39.4	118.2	





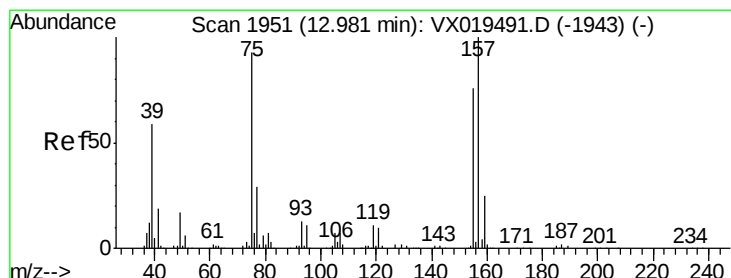
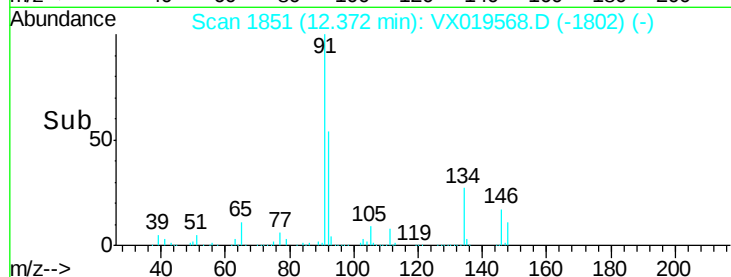
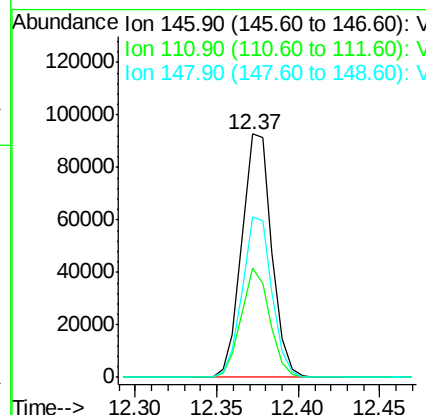
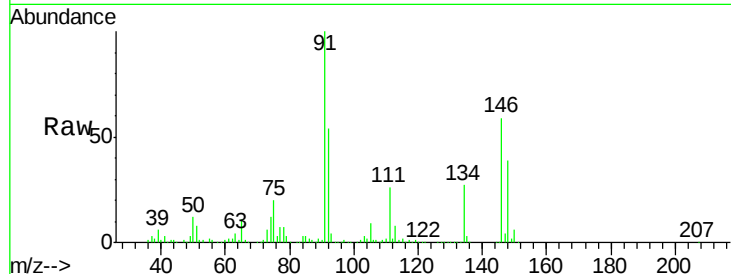
#91
 1,2-Dichlorobenzene
 Concen: 18.893 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118817		
111	43.0	21.1	63.3	
148	65.1	32.4	97.0	

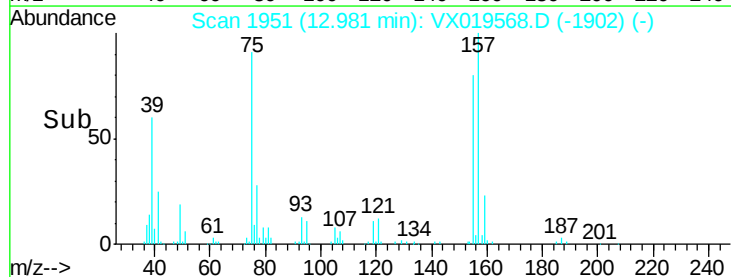
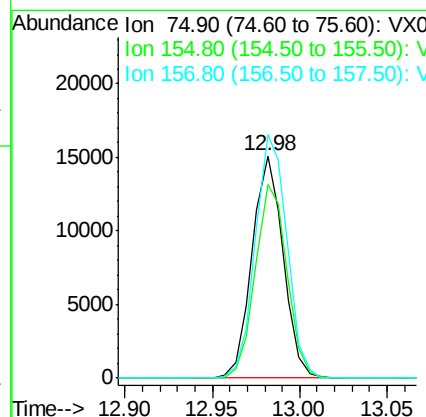
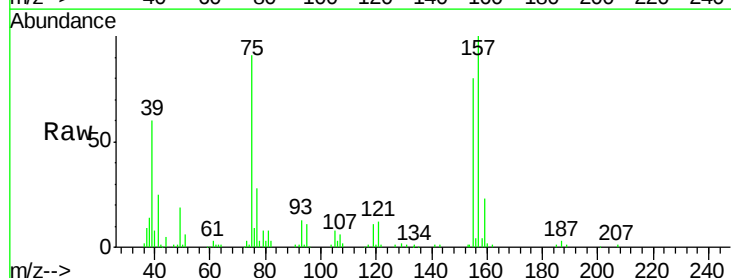
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 11/24/2020 1:09:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.265 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18772		
155	88.9	43.6	130.9	
157	111.7	57.0	170.8	





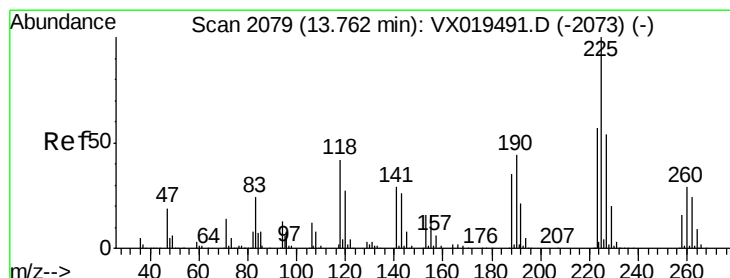
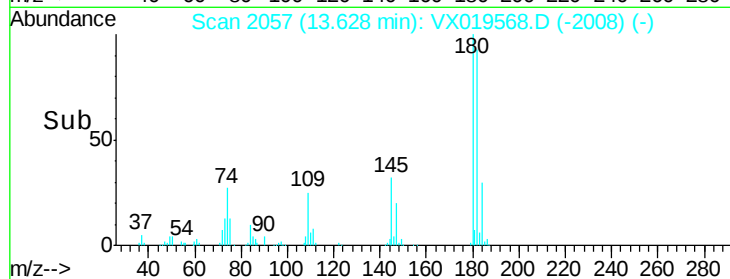
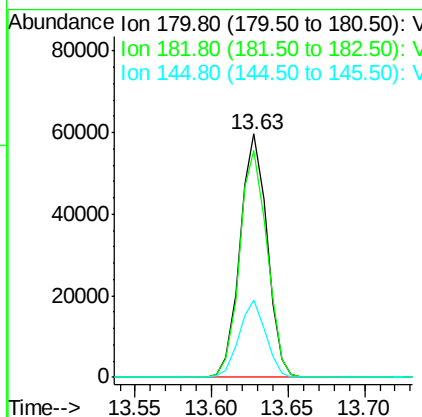
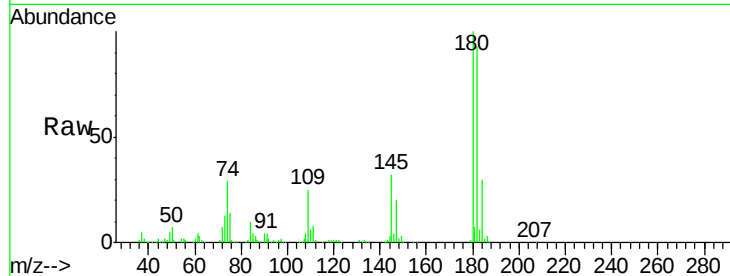
#93
 1,2,4-Trichlorobenzene
 Concen: 18.136 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	73225		
182	95.0	48.6	145.9	
145	31.0	15.9	47.7	

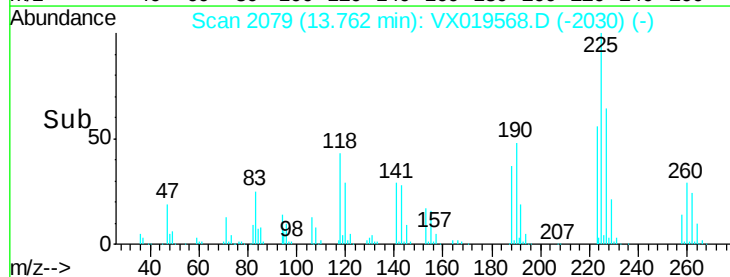
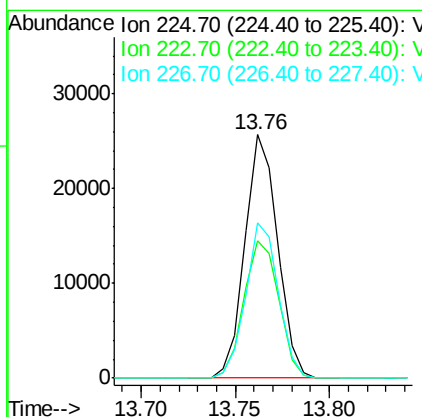
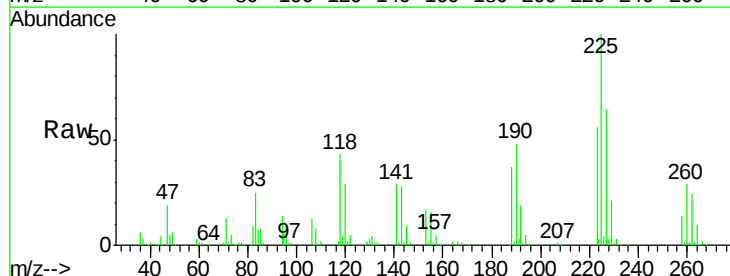
Manual Integrations
 APPROVED

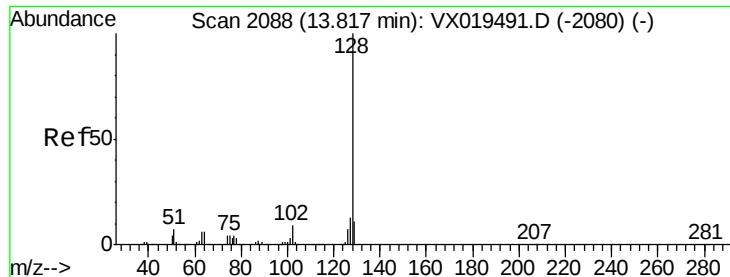
MMDadoda
 11/24/2020 1:09:37 PM



#94
 Hexachlorobutadiene
 Concen: 16.876 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31041		
223	59.7	32.5	97.5	
227	63.7	32.8	98.3	





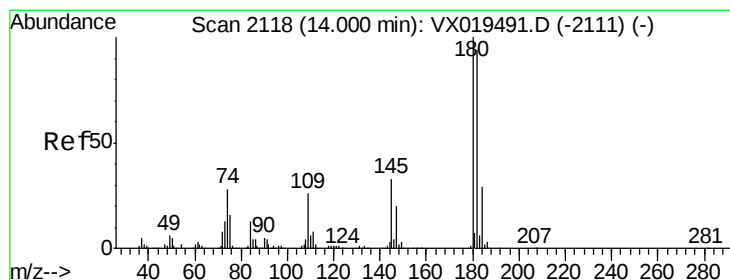
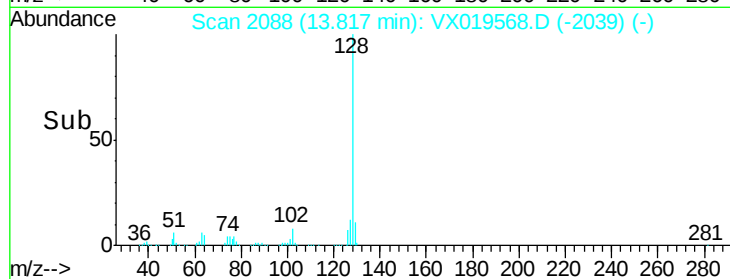
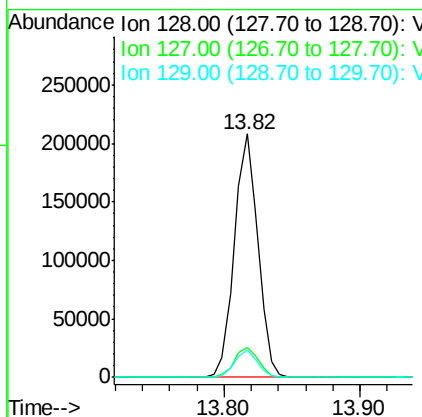
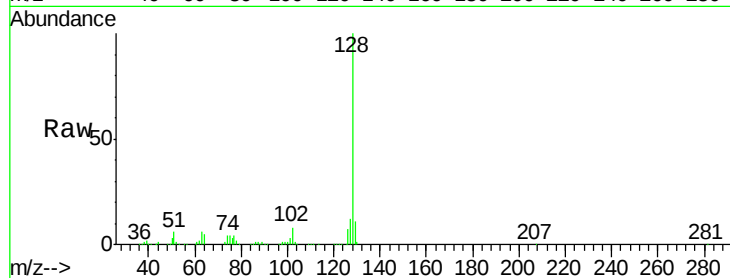
#95
Naphthalene
Concen: 18.967 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/24/2020 1:09:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.377 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.1	144.3
145	33.1	16.6	49.8

