

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019596.D
 Acq On : 24 Nov 2020 11:26
 Operator : JC/MD
 Sample : VX1124WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 10:31:05 AM

Quant Time: Nov 25 04:43:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	288171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	474352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	442124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179961	48.16	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.32%
35) Dibromofluoromethane	5.46	113	144425	48.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.02%
50) Toluene-d8	8.69	98	566078	48.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.86%
62) 4-Bromofluorobenzene	11.12	95	207416	49.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.66%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	50650	18.074	ug/l 96
3) Chloromethane	1.31	50	55640	17.302	ug/l 99
4) Vinyl Chloride	1.39	62	60715	17.539	ug/l 100
5) Bromomethane	1.62	94	23875	18.209	ug/l 96
6) Chloroethane	1.69	64	39828	46.972	ug/l 97
7) Trichlorofluoromethane	1.90	101	88109	17.635	ug/l 100
8) Diethyl Ether	2.17	74	36424	18.203	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50772	18.215	ug/l 98
10) Methyl Iodide	2.48	142	62705	17.124	ug/l 98
11) Tert butyl alcohol	3.03	59	71565	101.207	ug/l 98
12) 1,1-Dichloroethene	2.35	96	50530	17.662	ug/l 99
13) Acrolein	2.27	56	33556	70.597	ug/l 97
14) Allyl chloride	2.70	41	76019	16.961	ug/l 98
15) Acrylonitrile	3.11	53	156062	93.584	ug/l 99
16) Acetone	2.42	43	137594	95.226	ug/l 100
17) Carbon Disulfide	2.54	76	122313	15.914	ug/l 100
18) Methyl Acetate	2.75	43	64502	18.610	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	184576	18.690	ug/l 100
20) Methylene Chloride	2.83	84	62768	17.380	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	57159	17.634	ug/l 96
22) Diisopropyl ether	3.82	45	170248	18.362	ug/l 98
23) Vinyl Acetate	3.78	43	723562	93.040	ug/l 100
24) 1,1-Dichloroethane	3.66	63	101487	17.896	ug/l 99
25) 2-Butanone	4.63	43	205837	94.832	ug/l 98
26) 2,2-Dichloropropane	4.54	77	88334	17.845	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	68373	18.363	ug/l 98
28) Bromochloromethane	4.97	49	47209	17.412	ug/l 99
29) Tetrahydrofuran	5.09	42	127043	91.733	ug/l 100
30) Chloroform	5.17	83	108419	18.283	ug/l 98
31) Cyclohexane	5.54	56	87129	17.929	ug/l 97
32) 1,1,1-Trichloroethane	5.45	97	92681	18.195	ug/l 100
36) 1,1-Dichloropropene	5.76	75	79246	17.820	ug/l 99
37) Ethyl Acetate	4.79	43	77351	18.528	ug/l 98
38) Carbon Tetrachloride	5.74	117	76536	17.781	ug/l 95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	91663	17.703	ug/l	99
40) Benzene	6.10	78	242815	17.771	ug/l	99
41) Methacrylonitrile	5.00	41	42686	18.541	ug/l	98
42) 1,2-Dichloroethane	6.15	62	85955	18.354	ug/l	100
43) Isopropyl Acetate	6.41	43	127216	18.127	ug/l	99
44) Trichloroethene	7.18	130	65308	18.247	ug/l	94
45) 1,2-Dichloropropane	7.48	63	60978	18.128	ug/l	99
46) Dibromomethane	7.63	93	42194	18.328	ug/l	99
47) Bromodichloromethane	7.87	83	81007	18.133	ug/l	98
48) Methyl methacrylate	7.74	41	62147	18.909	ug/l	98
49) 1,4-Dioxane	7.71	88	29478	395.012	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	389766	95.242	ug/l	99
52) Toluene	8.76	92	157017	18.785	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	90701	18.799	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	100201	18.714	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	63658	18.700	ug/l	99
56) Ethyl methacrylate	9.16	69	94627	19.645	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107473	18.857	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	257753	91.320	ug/l	98
59) 2-Hexanone	9.47	43	295225	95.119	ug/l	100
60) Dibromochloromethane	9.56	129	62256	18.671	ug/l	99
61) 1,2-Dibromoethane	9.65	107	65814	18.756	ug/l	99
64) Tetrachloroethene	9.32	164	55941	16.097	ug/l	96
65) Chlorobenzene	10.12	112	168888	18.579	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	59304	17.936	ug/l	99
67) Ethyl Benzene	10.23	91	298891	18.769	ug/l	99
68) m/p-Xylenes	10.34	106	225582	38.022	ug/l	99
69) o-Xylene	10.68	106	106854	18.841	ug/l	99
70) Styrene	10.70	104	176742	17.927	ug/l	99
71) Bromoform	10.84	173	41612	17.389	ug/l #	97
73) Isopropylbenzene	11.00	105	287552	20.172	ug/l	100
74) N-amyl acetate	10.88	43	104827	19.624	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	95502	18.734	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	88011m	19.571	ug/l	
77) Bromobenzene	11.24	156	70323	19.324	ug/l	99
78) n-propylbenzene	11.34	91	324374	19.835	ug/l	100
79) 2-Chlorotoluene	11.40	91	195150	19.677	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	236379	19.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26980	19.065	ug/l	94
82) 4-Chlorotoluene	11.49	91	227213	19.461	ug/l	99
83) tert-Butylbenzene	11.76	119	230839	19.953	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	239692	19.810	ug/l	100
85) sec-Butylbenzene	11.93	105	262382	19.064	ug/l	100
86) p-Isopropyltoluene	12.05	119	241292	19.309	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	123293	18.448	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	123927	18.002	ug/l	98
89) n-Butylbenzene	12.37	91	202391	17.915	ug/l	99
90) Hexachloroethane	12.58	117	37759	18.058	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	122207	18.206	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18684	17.965	ug/l	97

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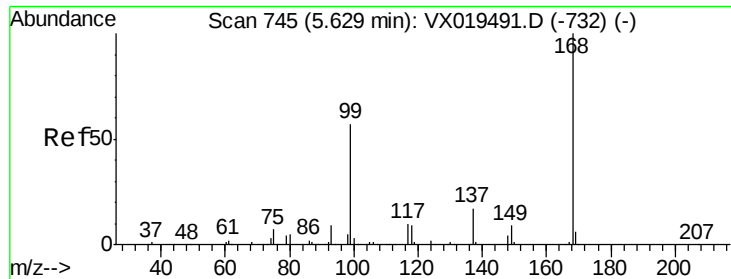
Manual Integrations
APPROVED

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11/25/2020 10:31:05 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78063	18.114	ug/l	98
94) Hexachlorobutadiene	13.77	225	32532	16.571	ug/l	100
95) Naphthalene	13.82	128	251816	18.024	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76633	17.778	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion:168 Resp: 288171

Ion Ratio Lower Upper

168 100

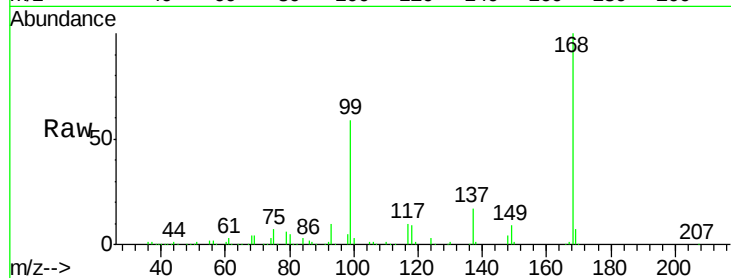
99 59.2 45.8 68.6

Manual Integrations

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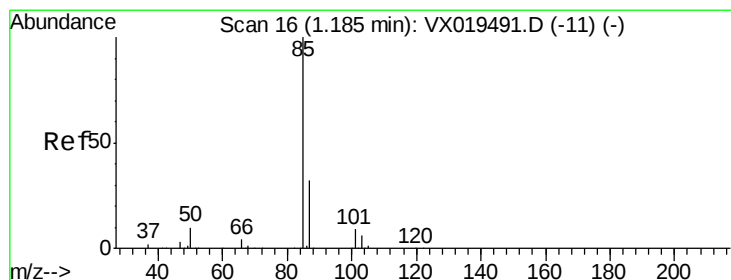
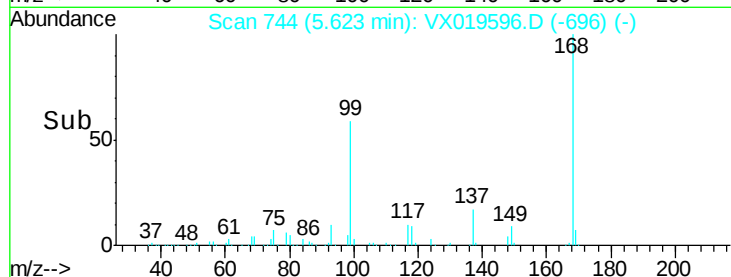
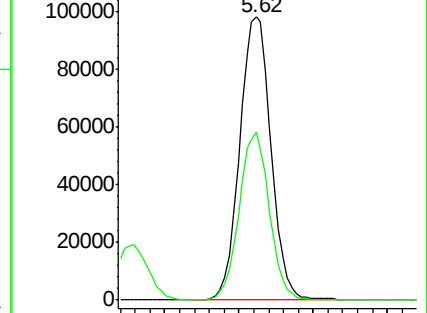
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.074 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019596.D

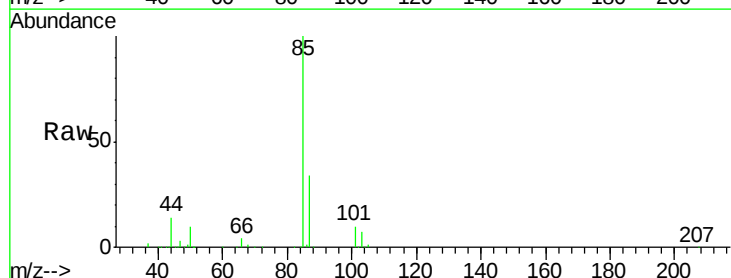
Acq: 24 Nov 2020 11:26

Tgt Ion: 85 Resp: 50650

Ion Ratio Lower Upper

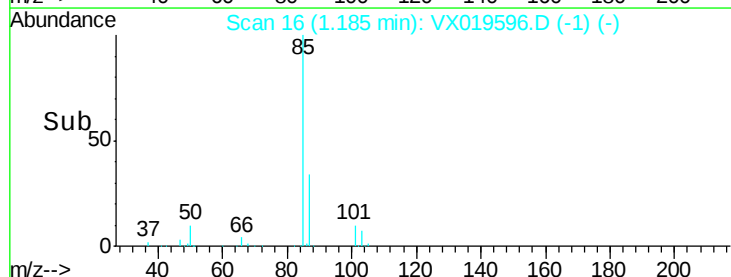
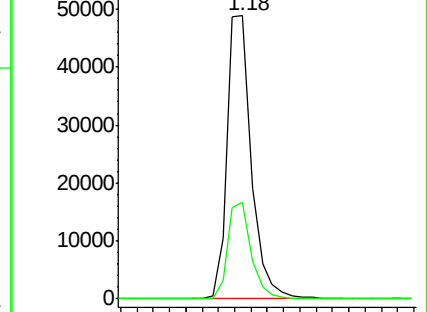
85 100

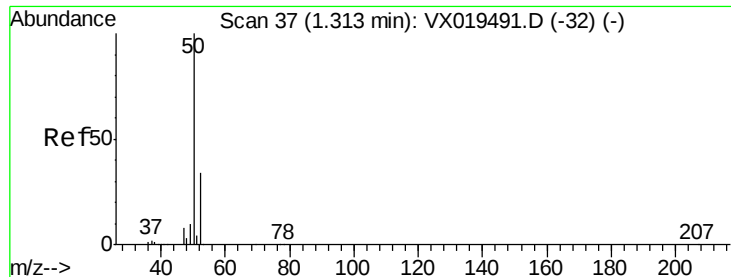
87 33.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.302 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion: 50 Resp: 55640

Ion Ratio Lower Upper

50 100

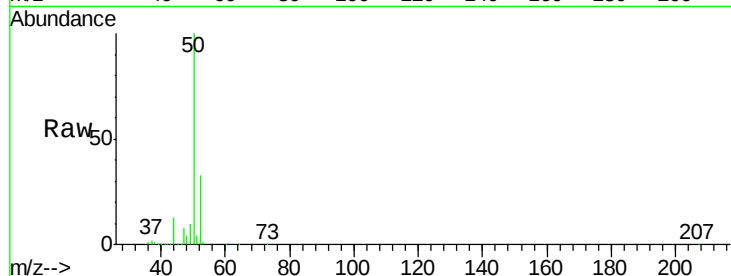
52 33.3 27.0 40.6

Manual Integrations

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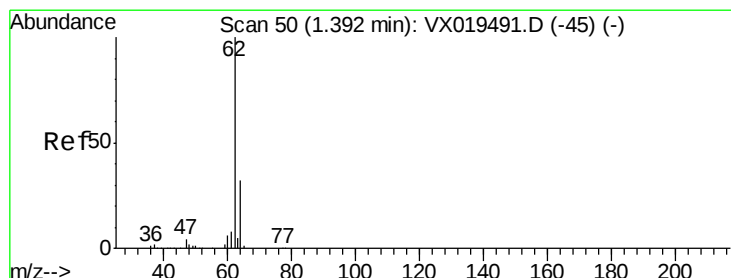
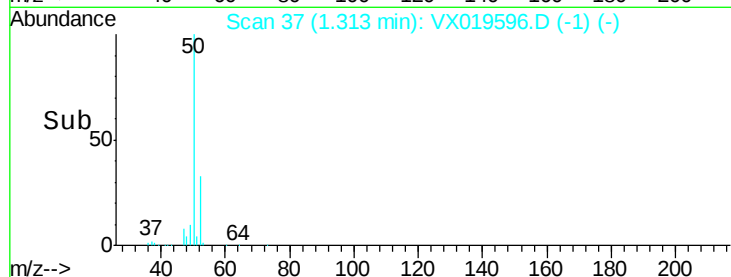
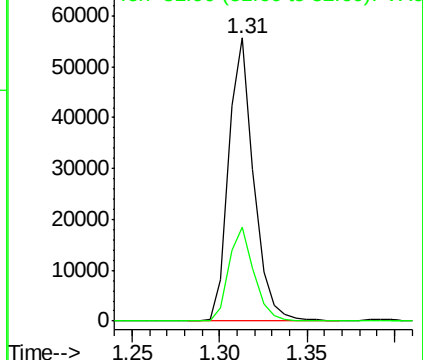
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.539 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019596.D

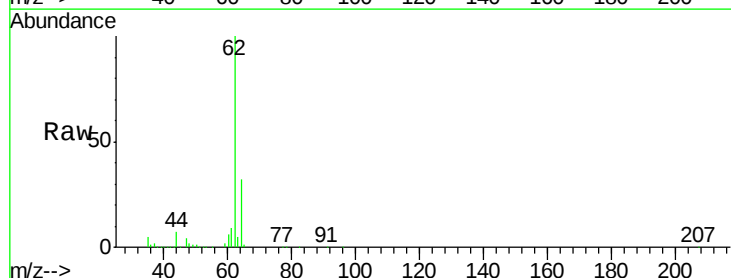
Acq: 24 Nov 2020 11:26

Tgt Ion: 62 Resp: 60715

Ion Ratio Lower Upper

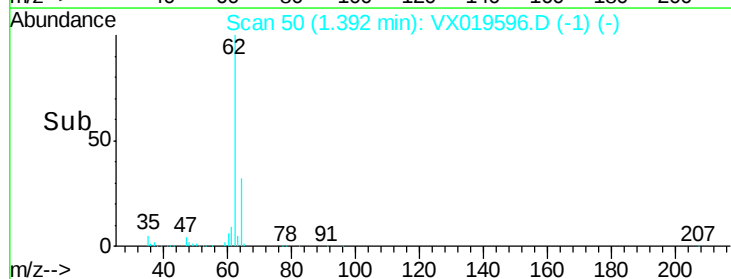
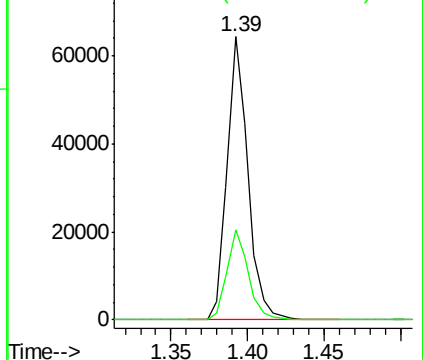
62 100

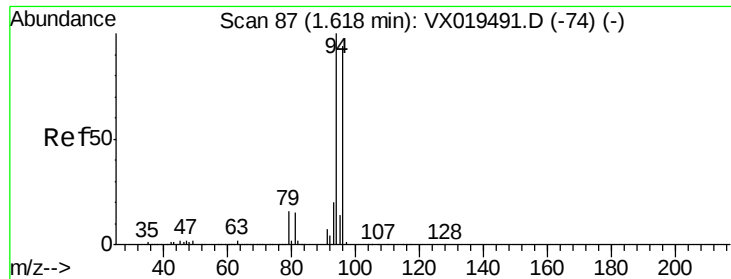
64 31.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.209 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion: 94 Resp: 23875

Ion Ratio Lower Upper

94 100

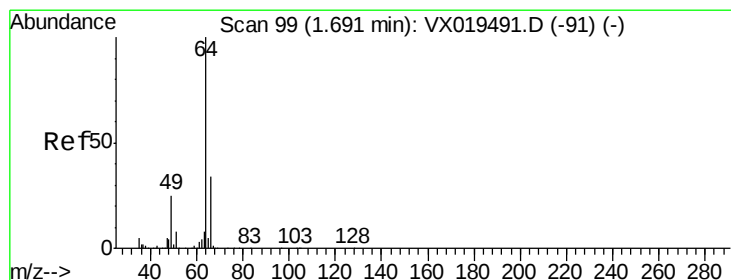
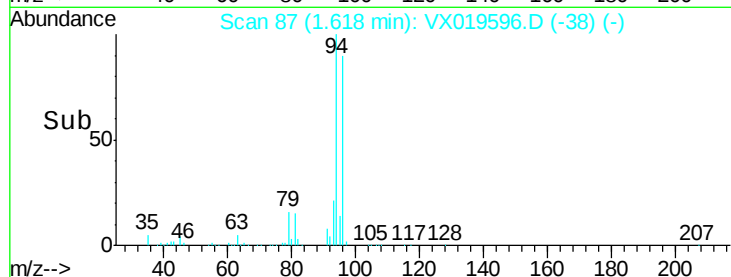
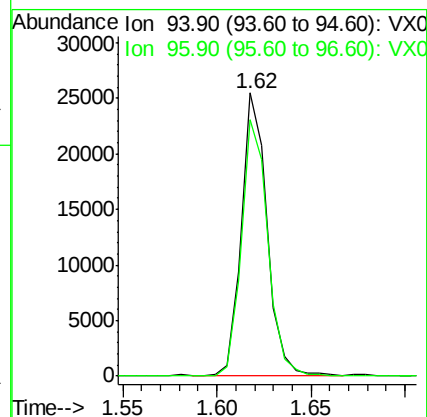
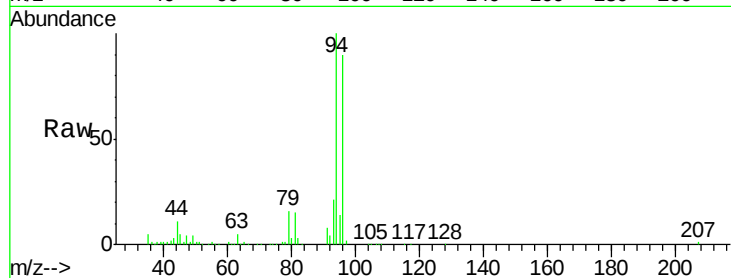
96 90.4 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 46.972 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019596.D

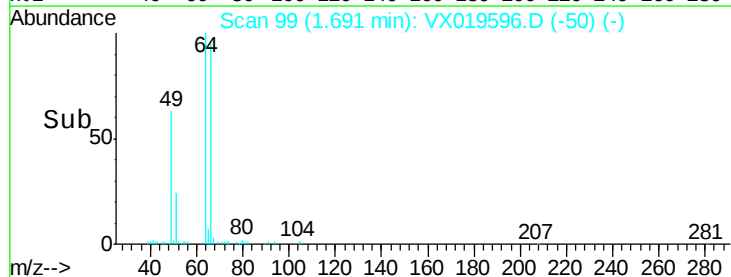
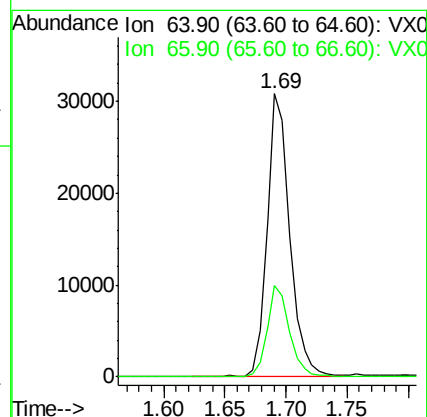
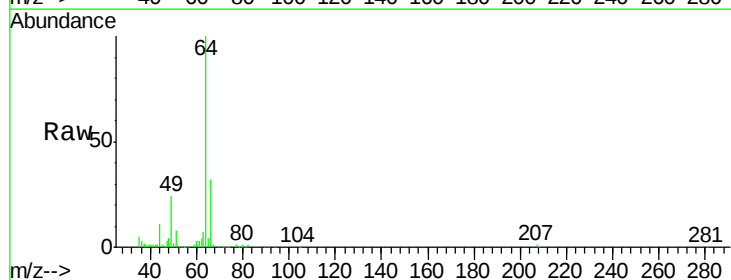
Acq: 24 Nov 2020 11:26

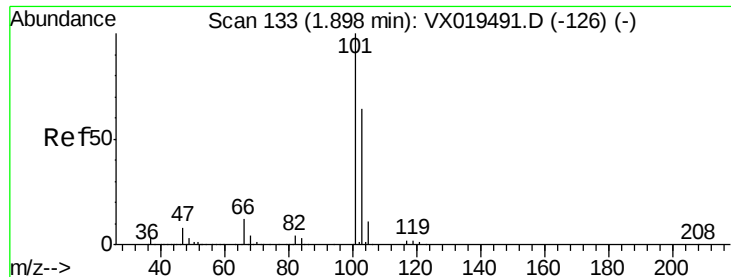
Tgt Ion: 64 Resp: 39828

Ion Ratio Lower Upper

64 100

66 32.0 27.1 40.7





#7

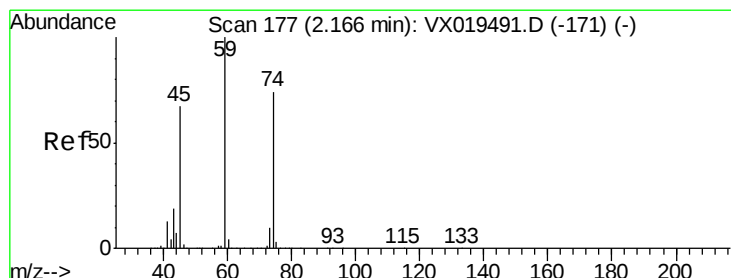
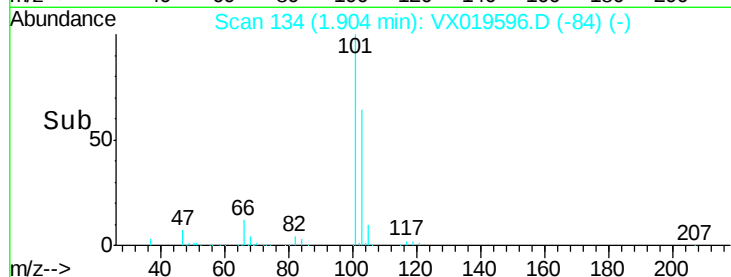
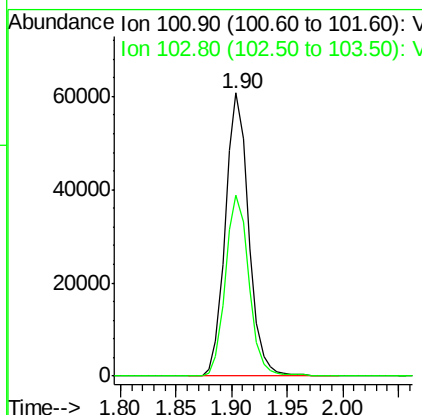
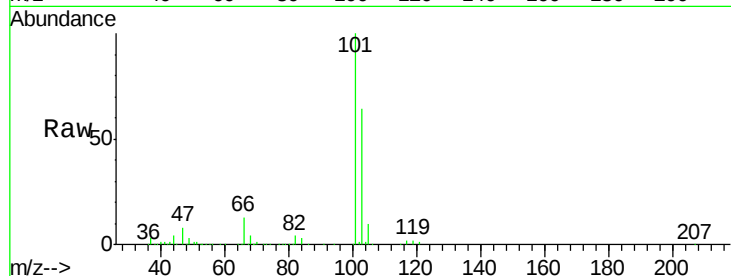
Trichlorofluoromethane
 Concen: 17.635 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. 0.01 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Instrument :
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 ClientSampleId :
 VX1124WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.9	76.3

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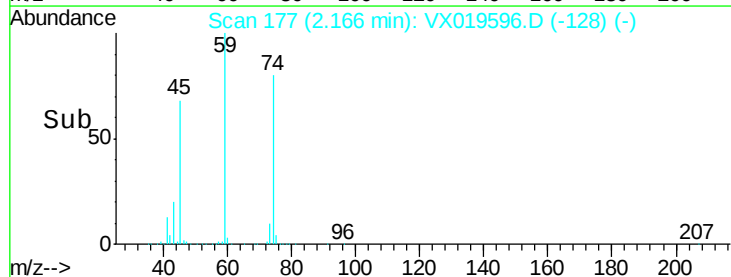
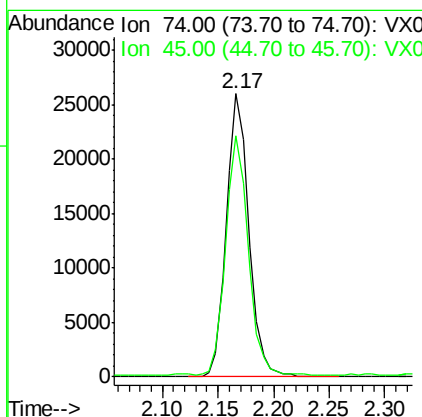
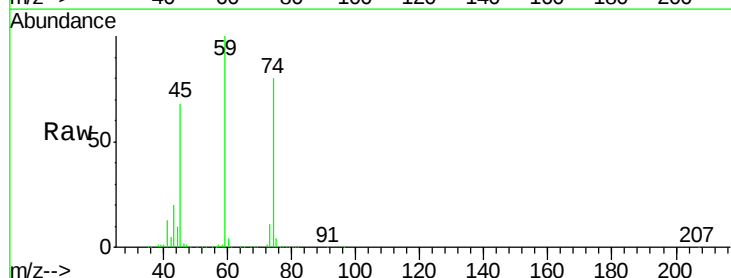
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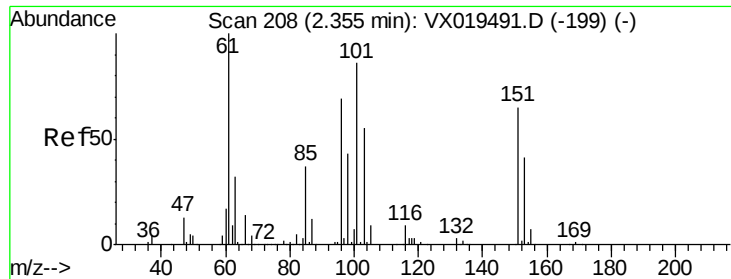


#8

Diethyl Ether
 Concen: 18.203 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019596.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.0	44.4	133.2





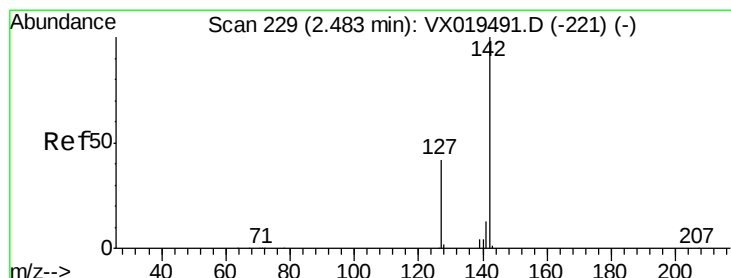
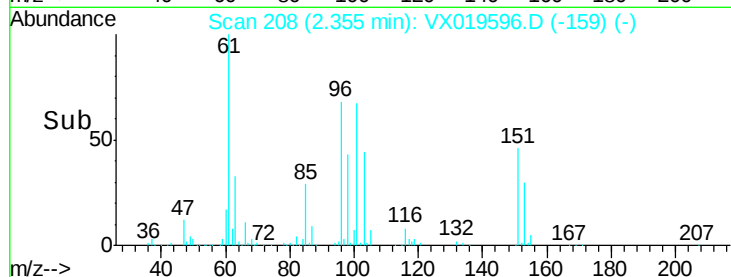
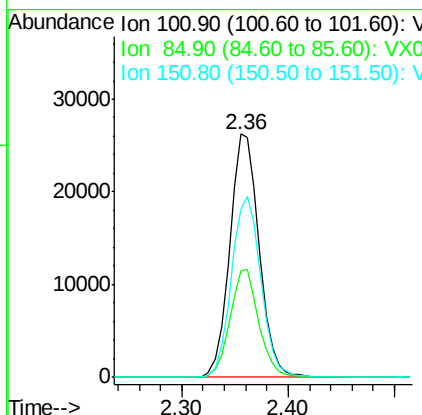
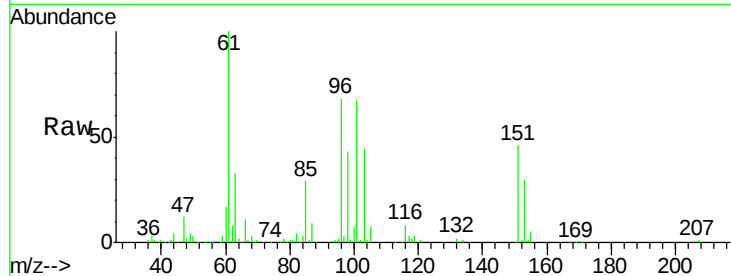
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.215 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	50772		
85	43.6		33.9	50.9
151	74.9		60.9	91.3

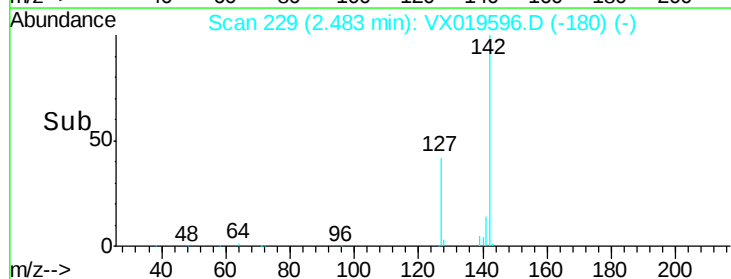
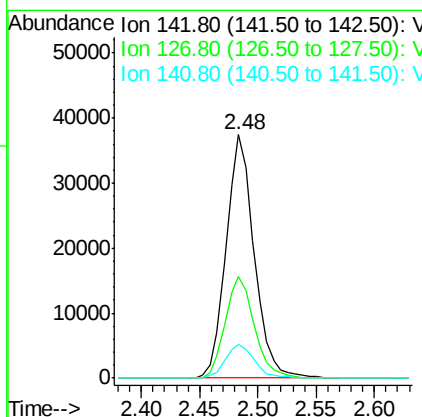
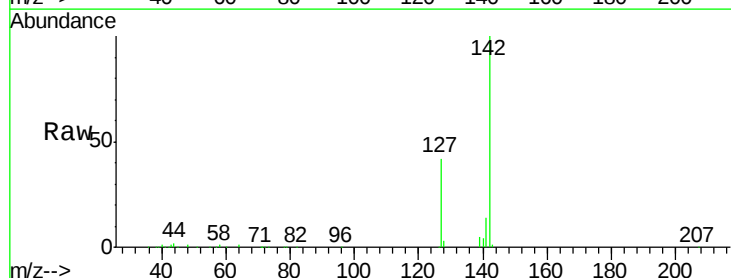
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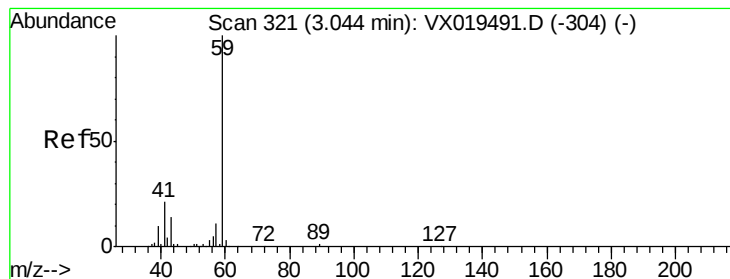
MMDadoda
11/25/2020 10:31:05 AM



#10
Methyl Iodide
Concen: 17.124 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	62705		
127	43.3		33.8	50.6
141	14.2		11.0	16.6





#11

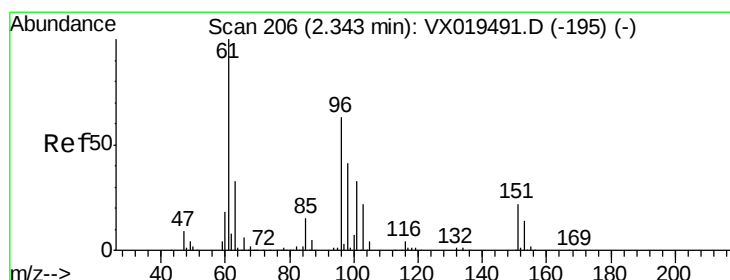
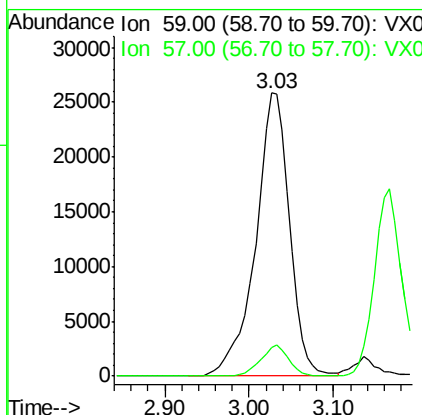
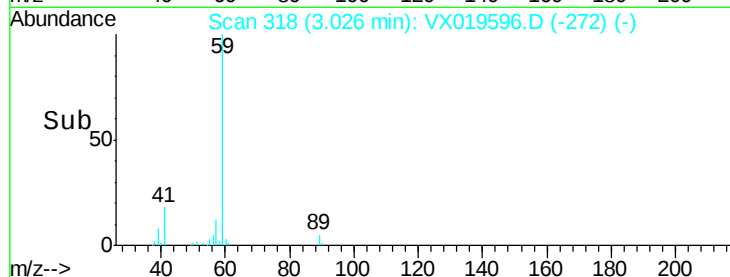
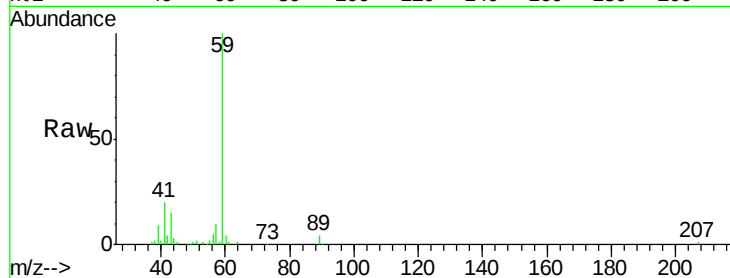
Tert butyl alcohol
Concen: 101.207 ug/l
RT: 3.03 min Scan# 318
Delta R.T. -0.02 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	59	57	Ratio	100	9.3	Resp:	71565	Lower	Upper
59	100								
57		9.3						7.9	11.9

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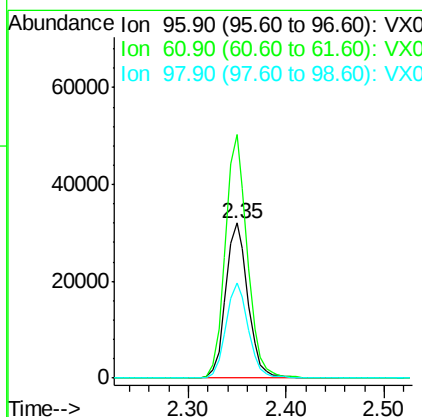
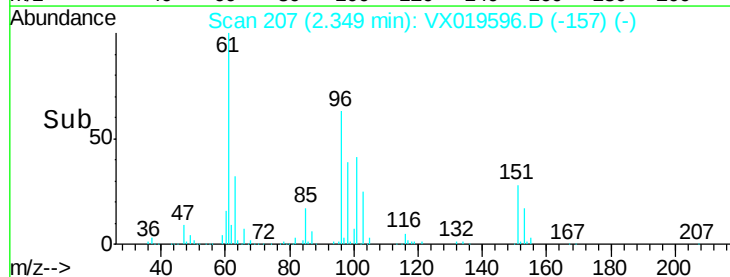
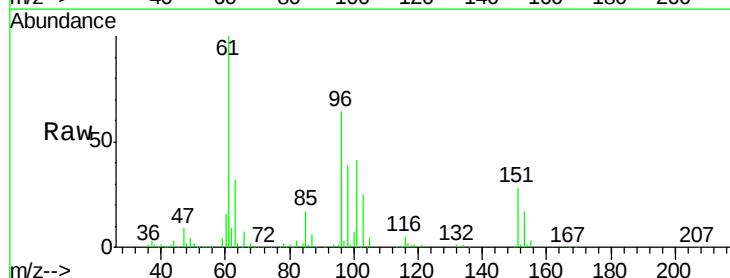
MMDadoda
11/25/2020 10:31:05 AM

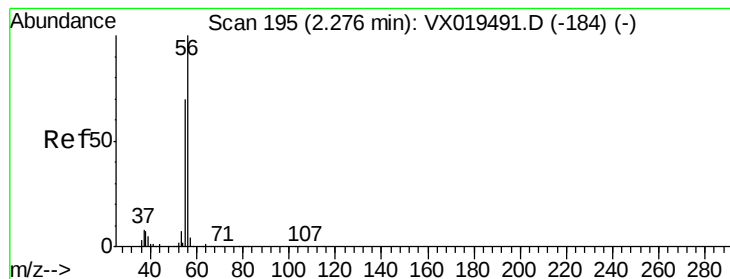


#12

1,1-Dichloroethene
Concen: 17.662 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	96	61	98	Ratio	100	157.1	61.8	Resp:	50530	Lower	Upper
96	100										
61		157.1								126.0	189.0
98		61.8								52.0	78.0





#13

Acrolein

Concen: 70.597 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion: 56 Resp: 33556

Ion Ratio Lower Upper

56 100

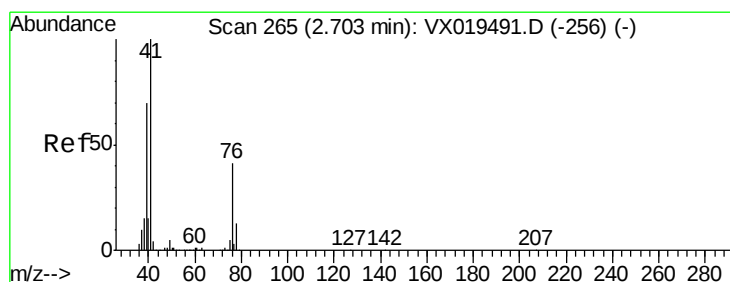
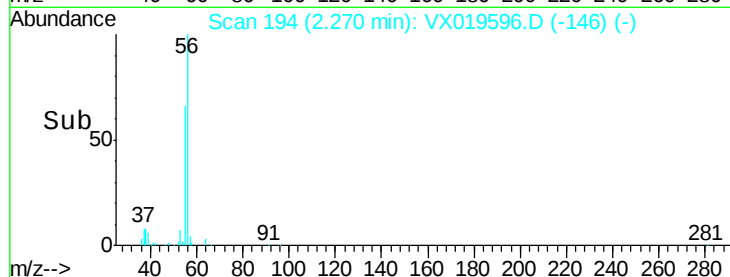
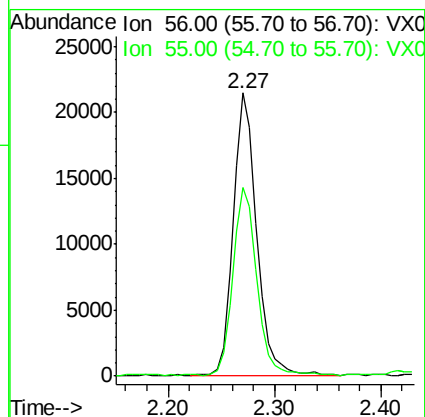
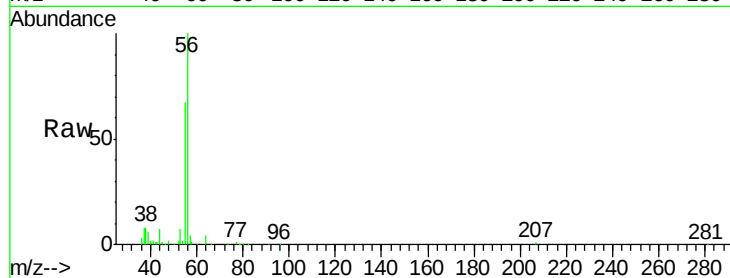
55 66.6 55.5 83.3

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#14

Allyl chloride

Concen: 16.961 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

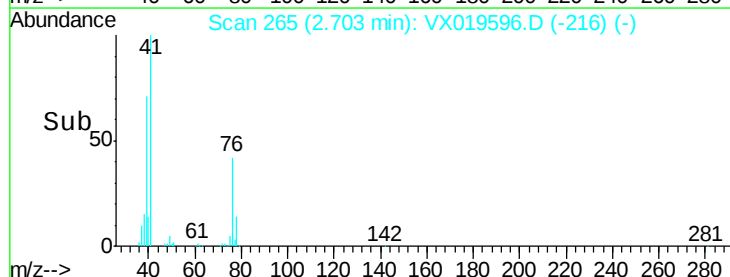
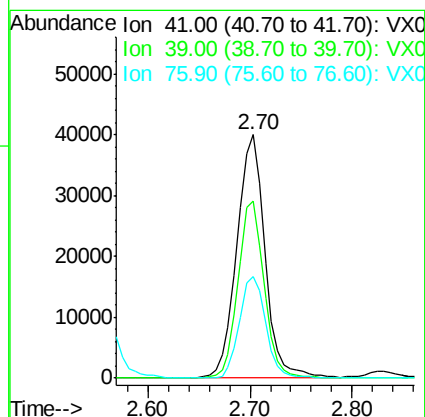
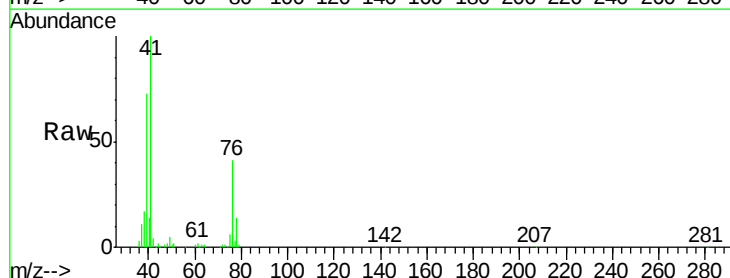
Tgt Ion: 41 Resp: 76019

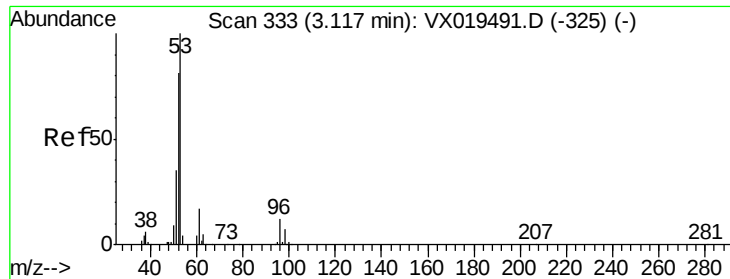
Ion Ratio Lower Upper

41 100

39 68.0 53.0 79.4

76 39.3 31.0 46.6





#15

Acrylonitrile

Concen: 93.584 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

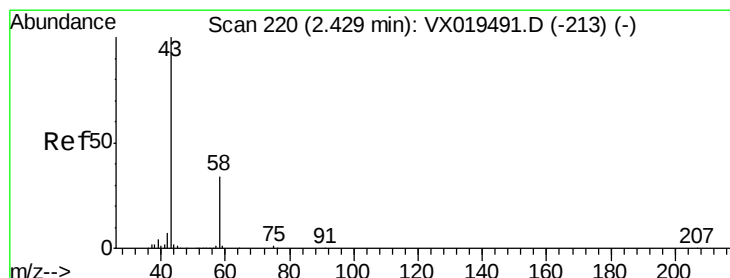
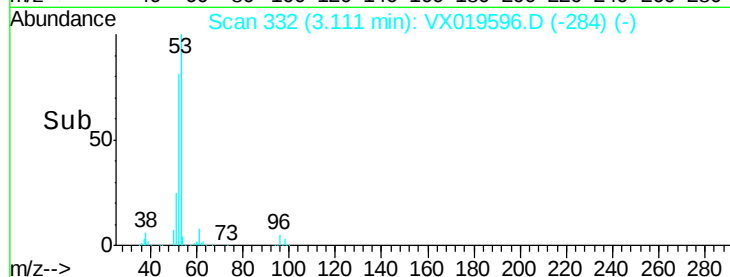
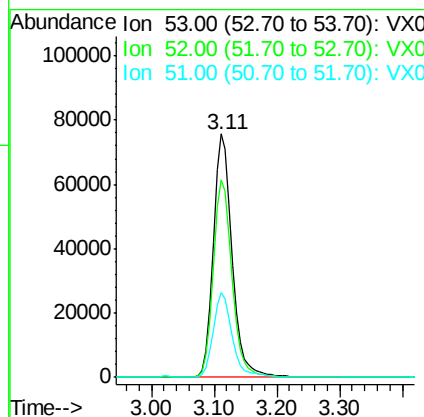
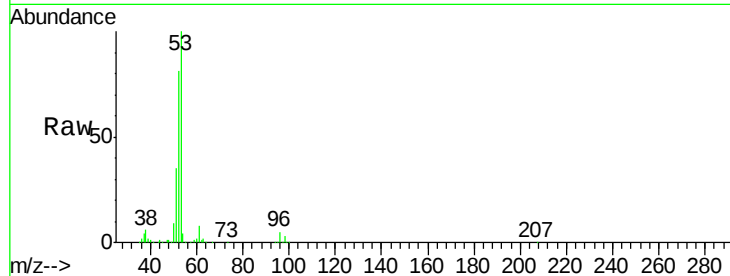
ClientSampleId :

VX1124WBS01

Tot Ion:	53	Resp:	156062
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.2	99.2
51	35.3	28.5	42.7

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#16

Acetone

Concen: 95.226 ug/l

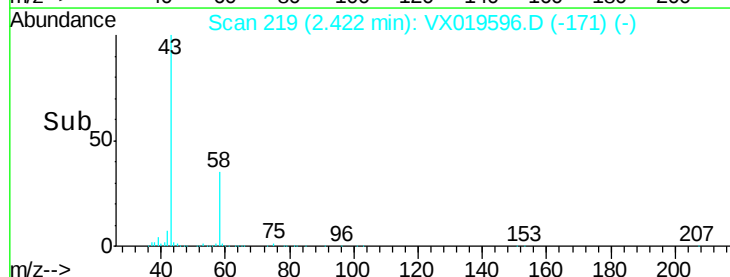
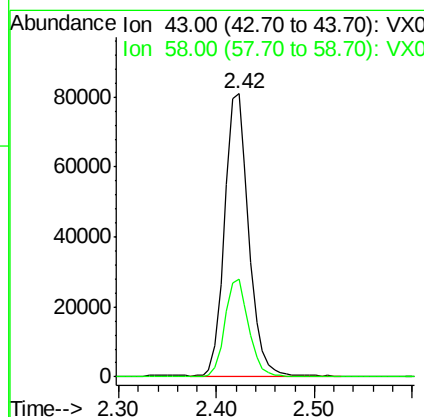
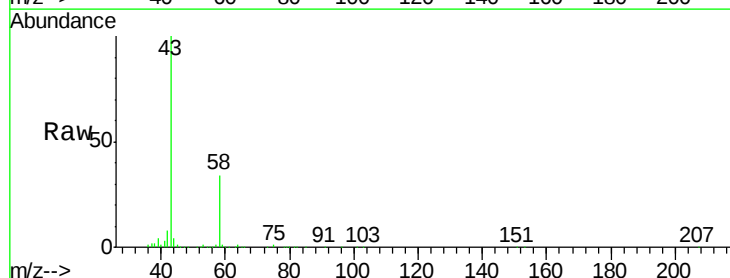
RT: 2.42 min Scan# 219

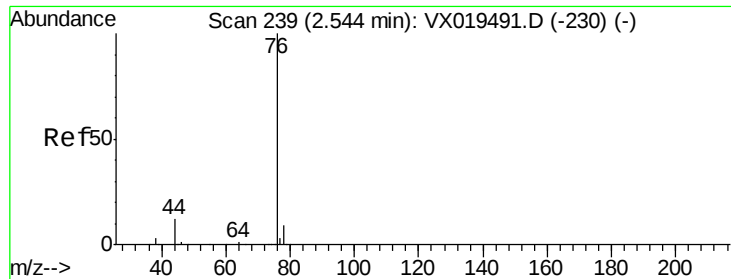
Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Tgt Ion:	43	Resp:	137594
Ion Ratio	Lower	Upper	
43	100		
58	34.6	27.4	41.2





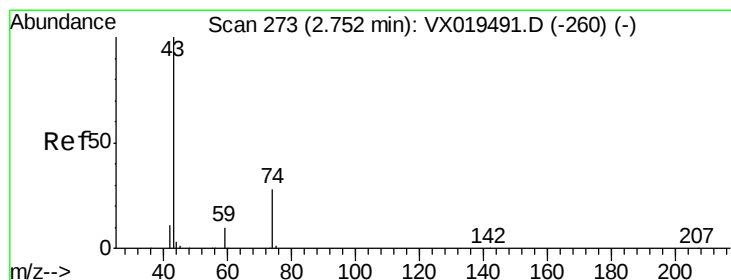
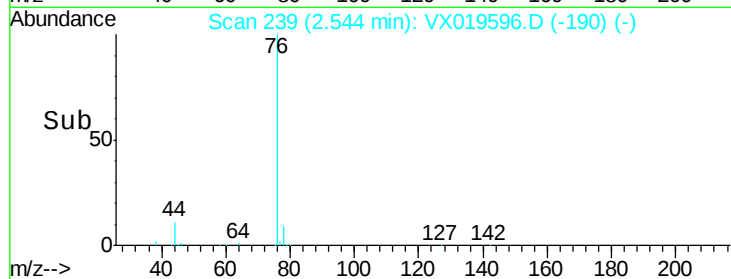
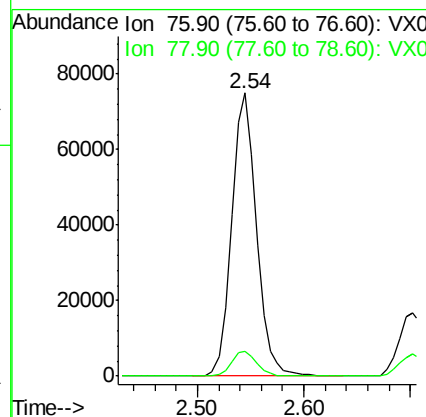
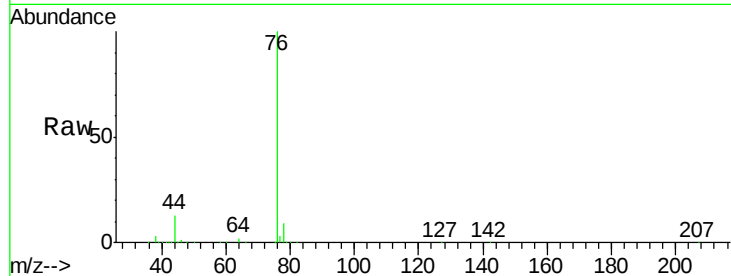
#17
Carbon Disulfide
Concen: 15.914 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

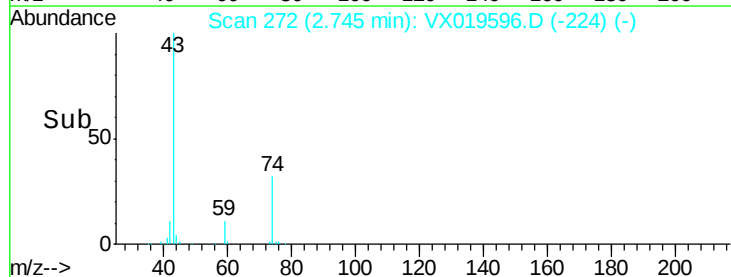
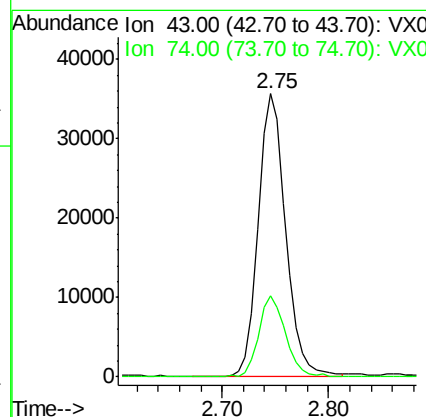
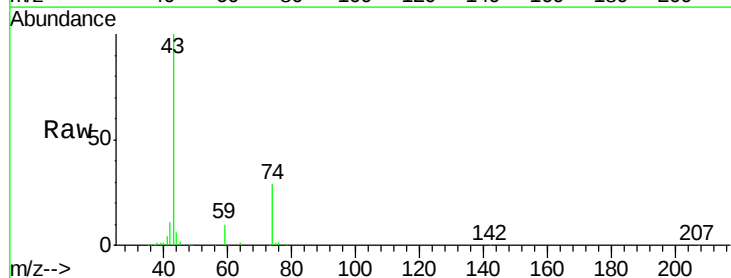
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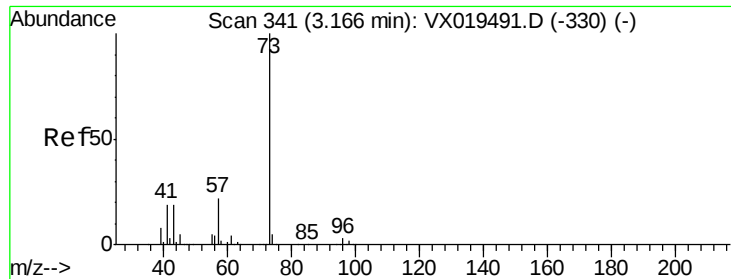
MMDadoda
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#18
Methyl Acetate
Concen: 18.610 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.4	22.2	33.4





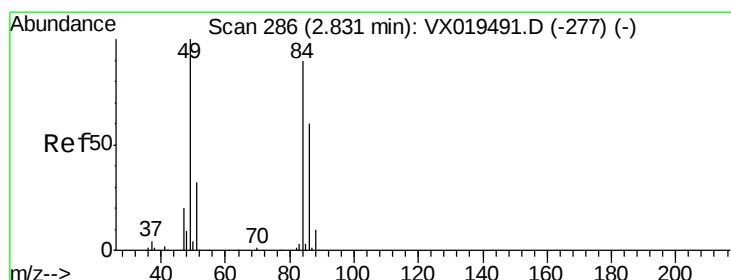
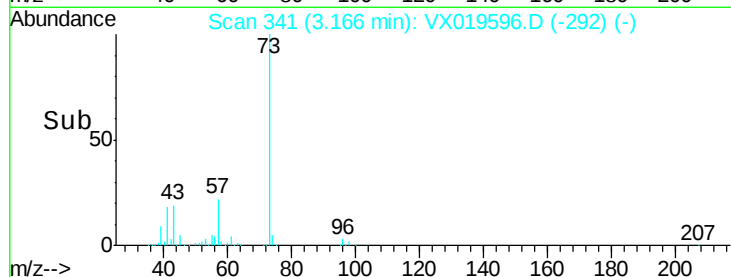
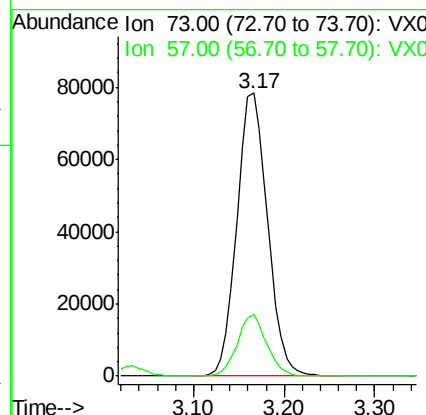
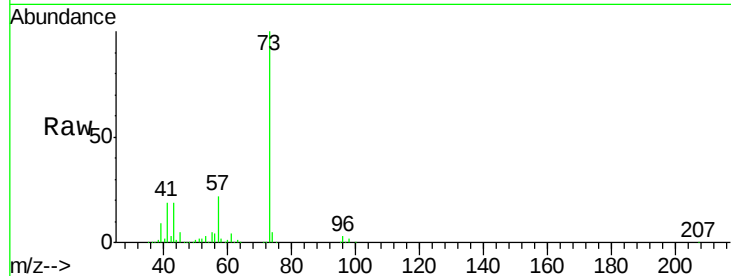
#19
Methvl tert-butvl Ether
Concen: 18.690 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.3	25.9

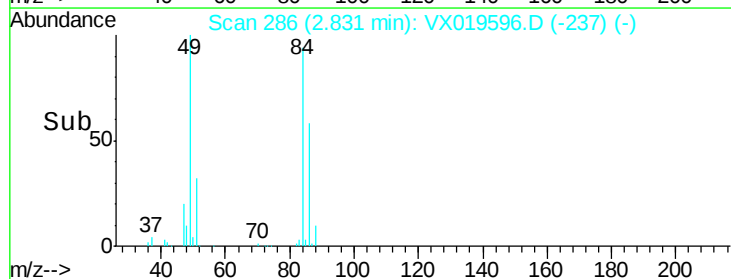
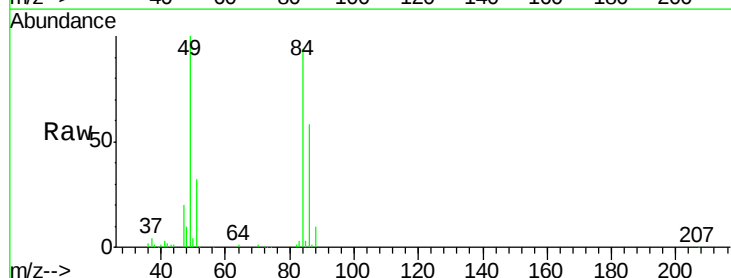
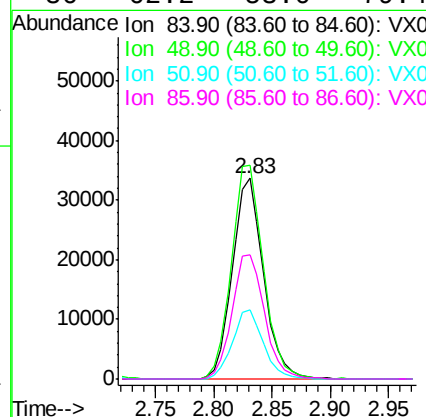
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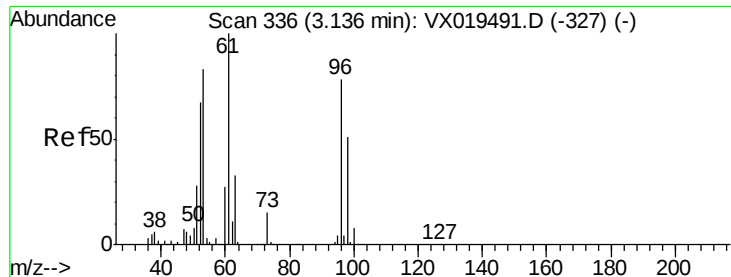
MMDadoda
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#20
Methylene Chloride
Concen: 17.380 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.4	88.5	132.7
51	34.2	28.0	42.0
86	62.2	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 17.634 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

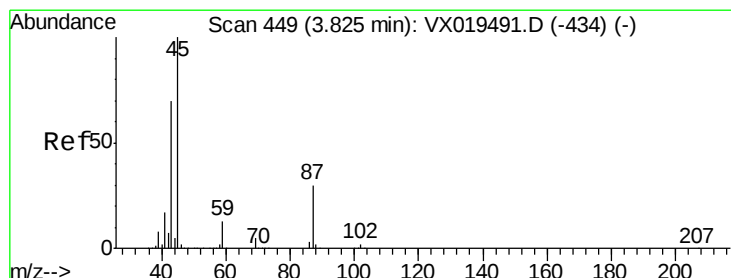
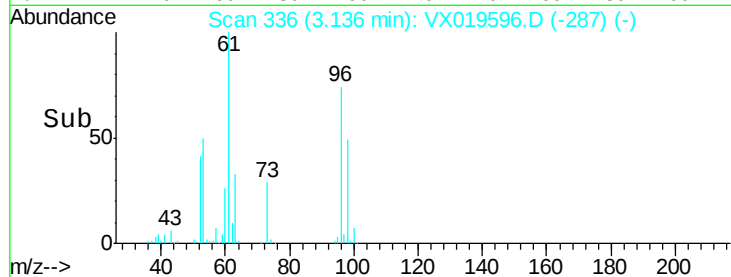
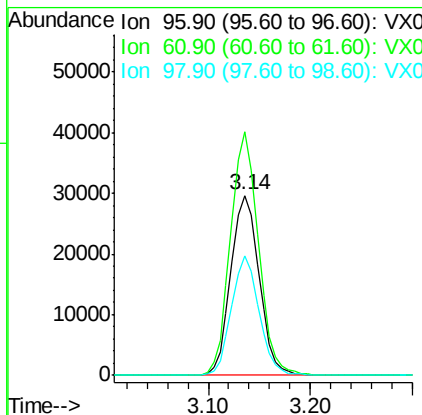
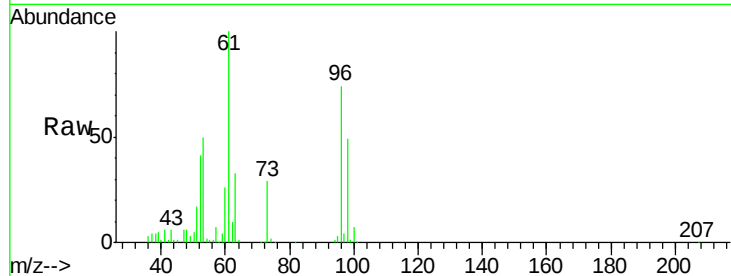
ClientSampleId :

VX1124WBS01

Tot Ion:	96	Resp:	57159
Ion	Ratio	Lower	Upper
96	100		
61	135.4	102.9	154.3
98	66.5	52.1	78.1

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#22

Diisopropyl ether

Concen: 18.362 ug/l

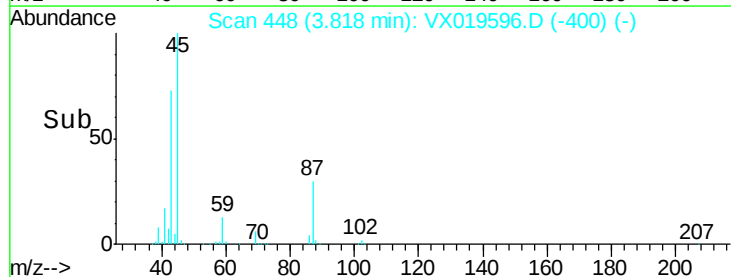
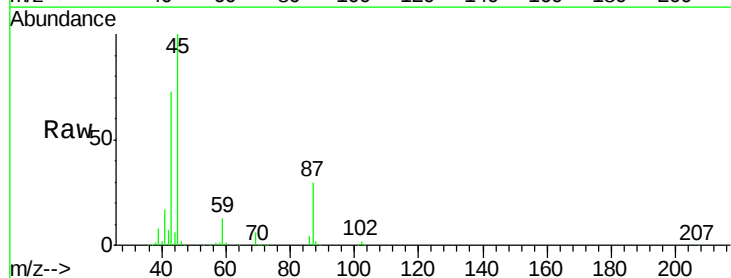
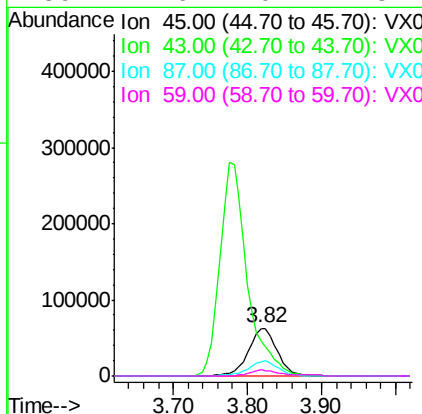
RT: 3.82 min Scan# 448

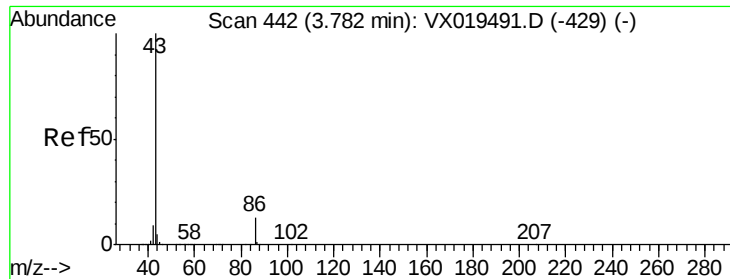
Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Tgt Ion:	45	Resp:	170248
Ion	Ratio	Lower	Upper
45	100		
43	72.6	56.1	84.1
87	30.4	24.2	36.2
59	12.6	10.2	15.2





#23

Vinyl Acetate

Concen: 93.040 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion: 43 Resp: 723562

Ion Ratio Lower Upper

43 100

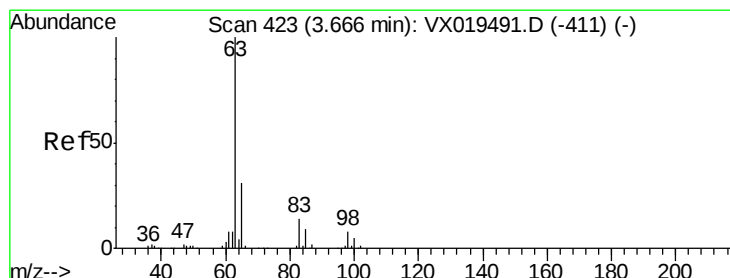
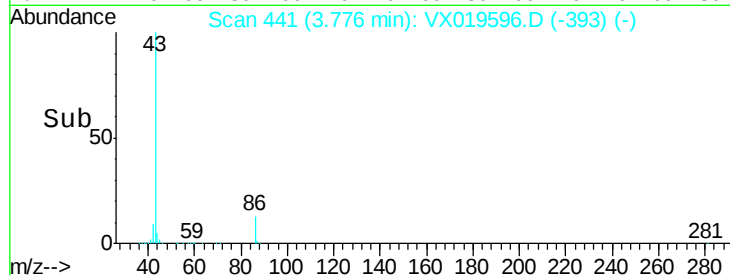
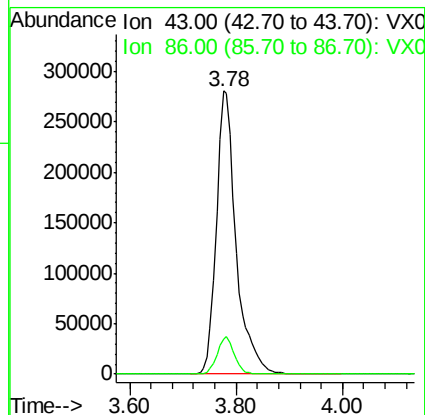
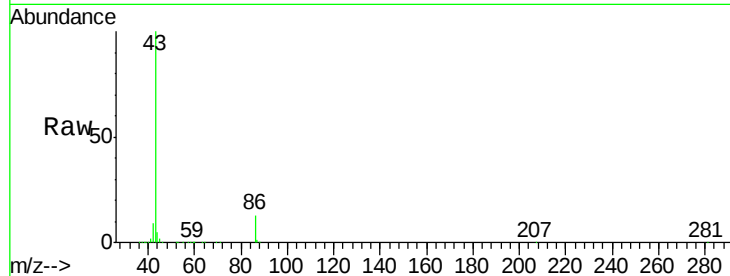
86 12.5 10.2 15.2

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#24

1,1-Dichloroethane

Concen: 17.896 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

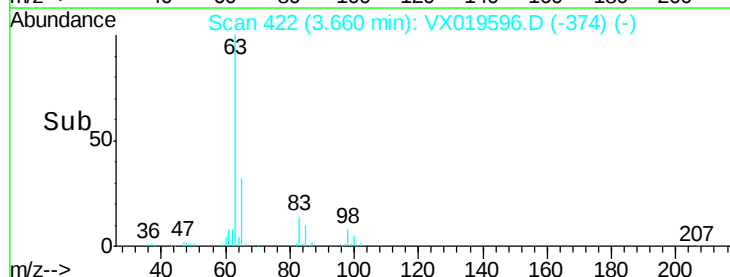
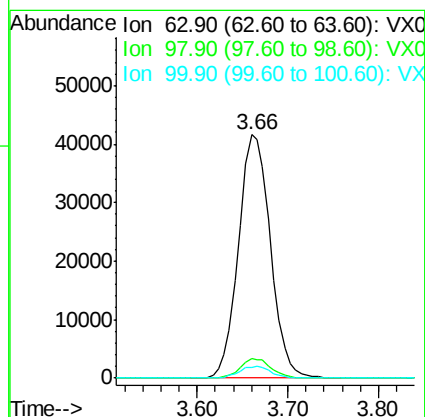
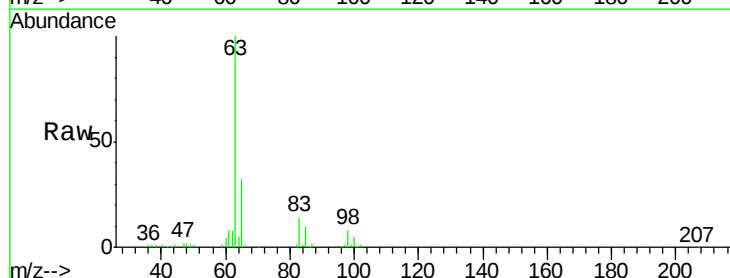
Tgt Ion: 63 Resp: 101487

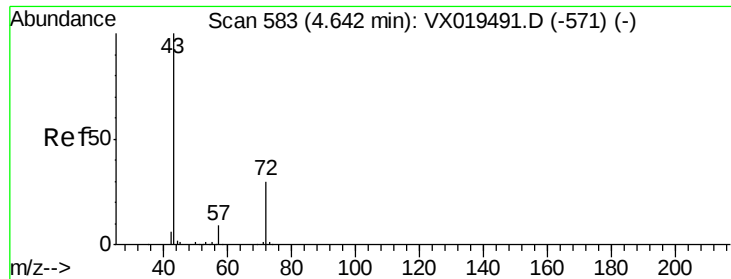
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 94.832 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion: 43 Resp: 205837

Ion Ratio Lower Upper

43 100

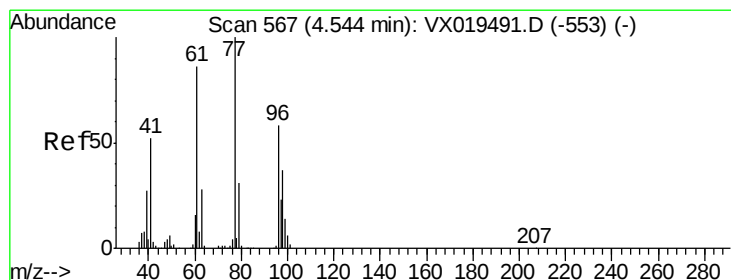
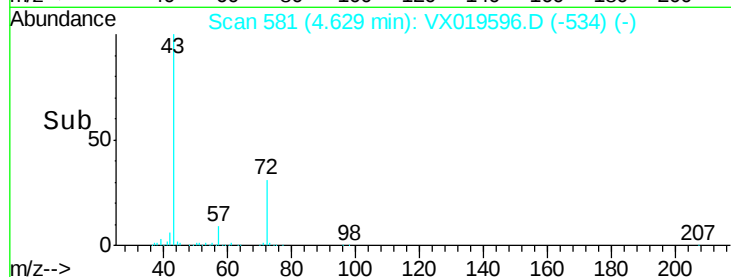
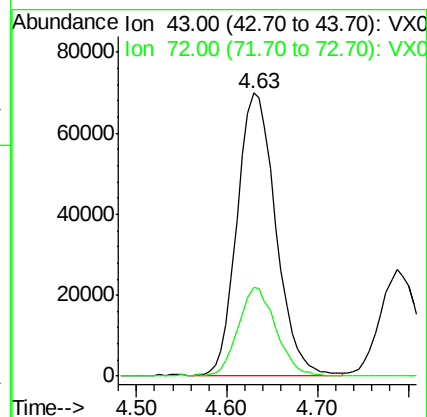
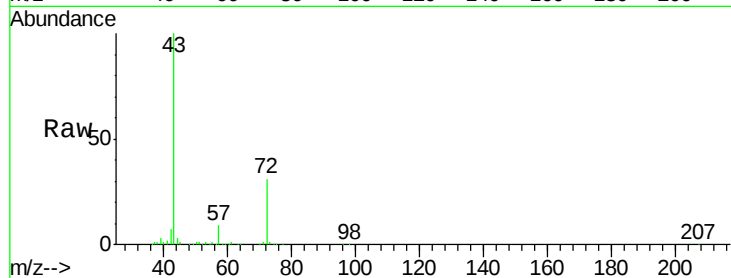
72 31.0 24.0 36.0

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#26

2,2-Dichloropropane

Concen: 17.845 ug/l

RT: 4.54 min Scan# 566

Delta R.T. -0.01 min

Lab File: VX019596.D

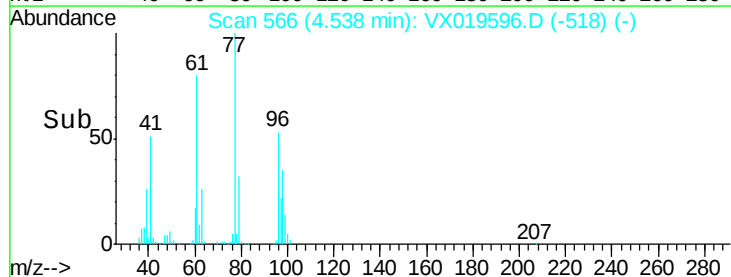
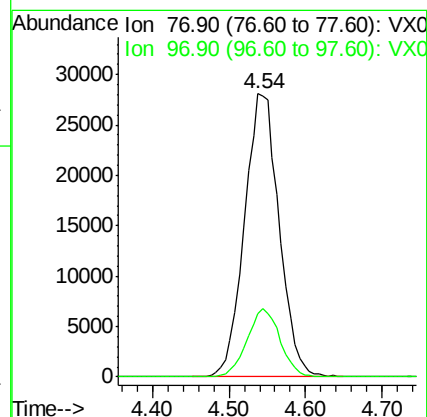
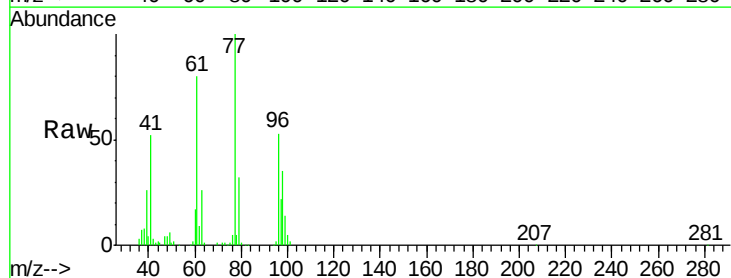
Acq: 24 Nov 2020 11:26

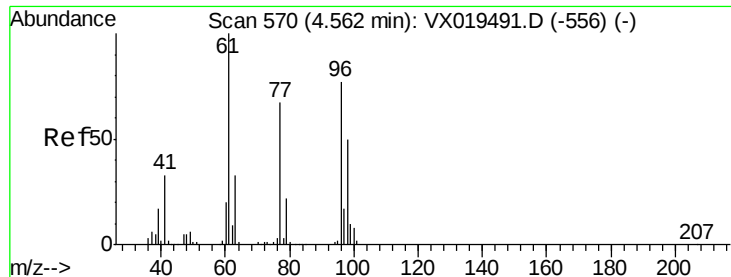
Tgt Ion: 77 Resp: 88334

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.8





#27

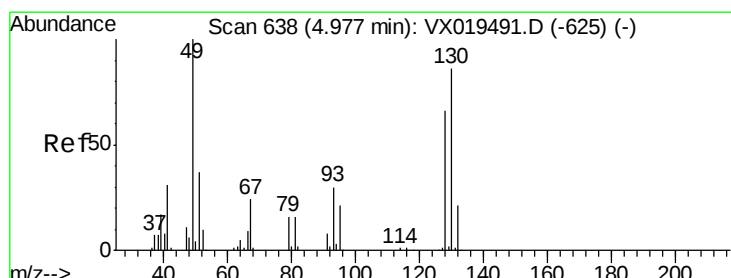
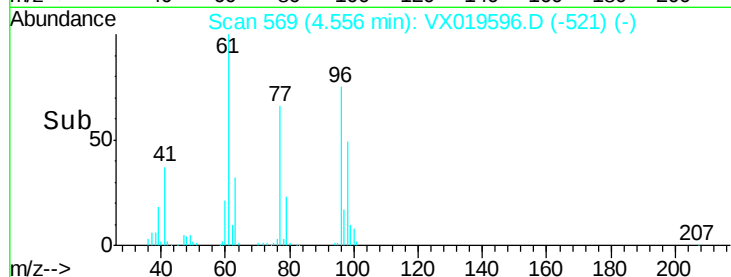
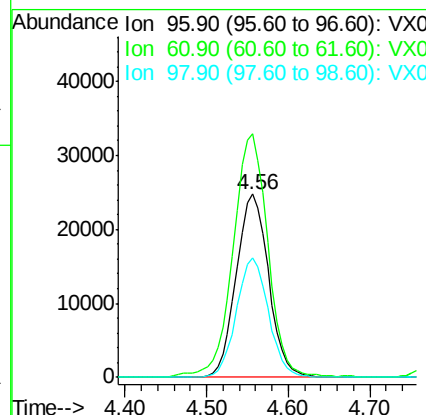
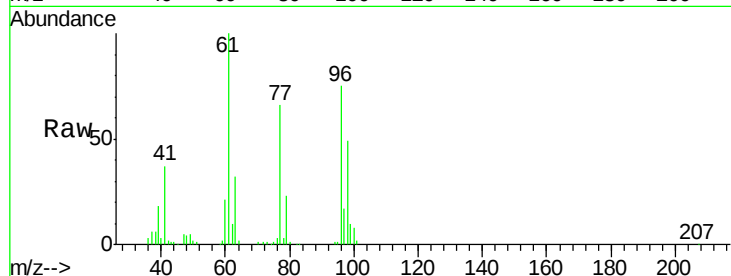
cis-1,2-Dichloroethene
Concen: 18.363 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	279.2
98	64.0	0.0	129.8

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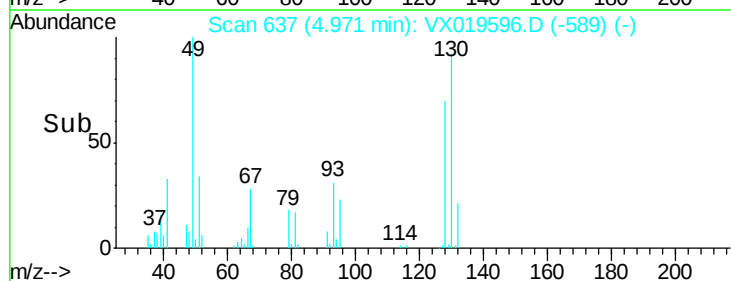
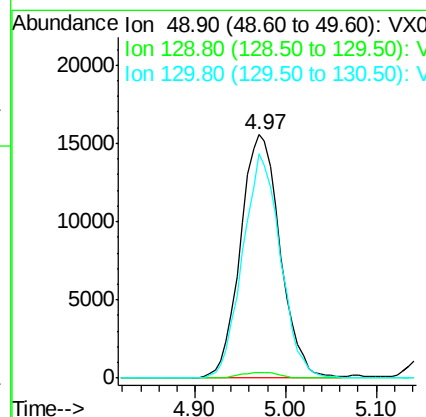
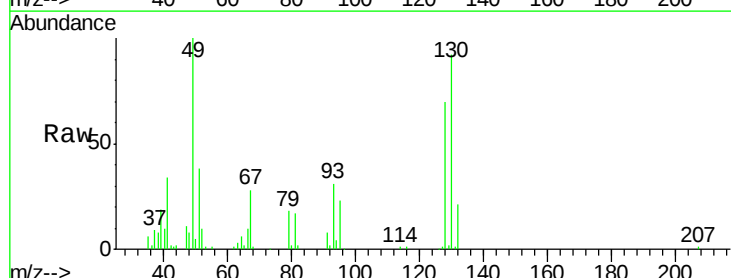
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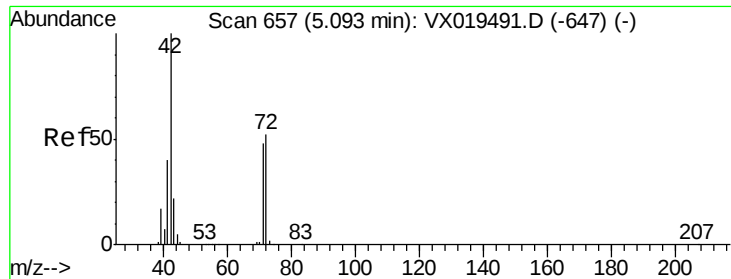


#28

Bromochloromethane
Concen: 17.412 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	87.6	69.0	103.6





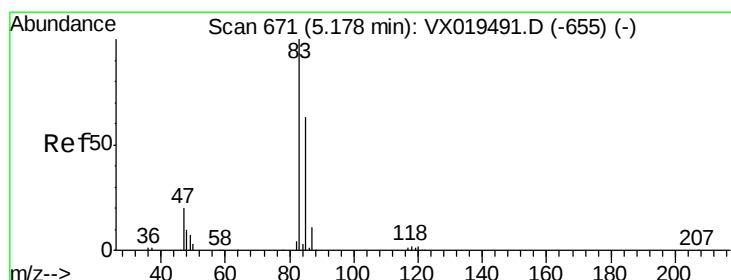
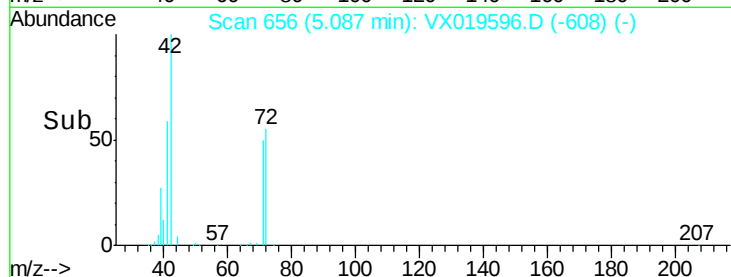
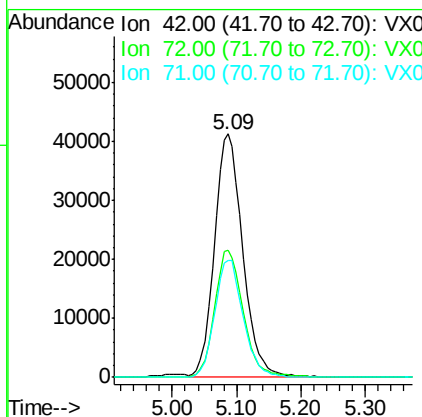
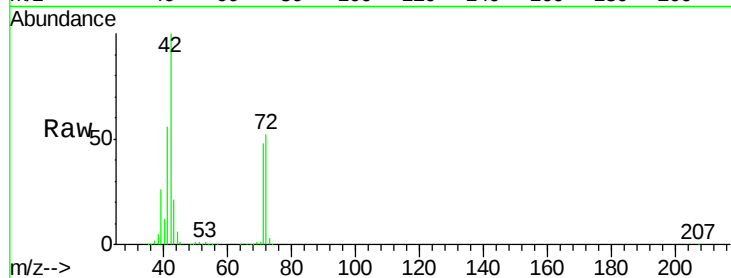
#29
Tetrahydrofuran
Concen: 91.733 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.2	42.6	63.8
71	48.9	39.0	58.6

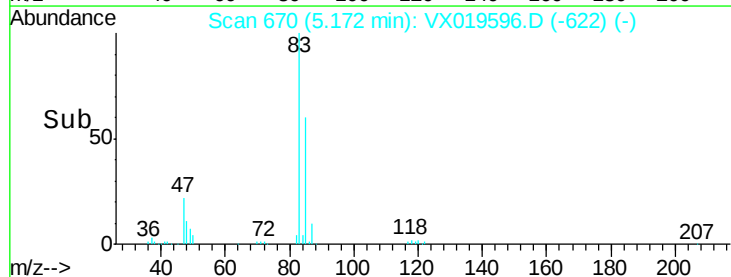
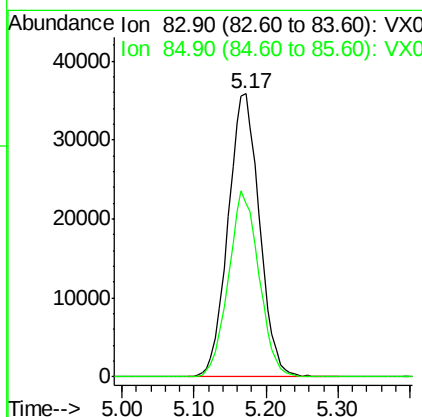
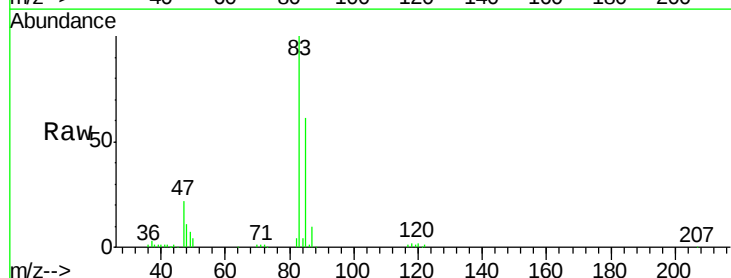
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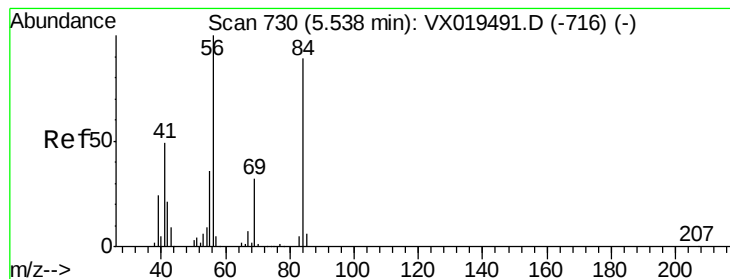
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#30
Chloroform
Concen: 18.283 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	50.5	75.7





#31

Cyclohexane

Concen: 17.929 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

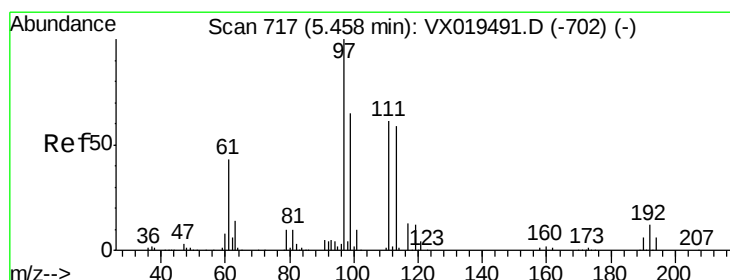
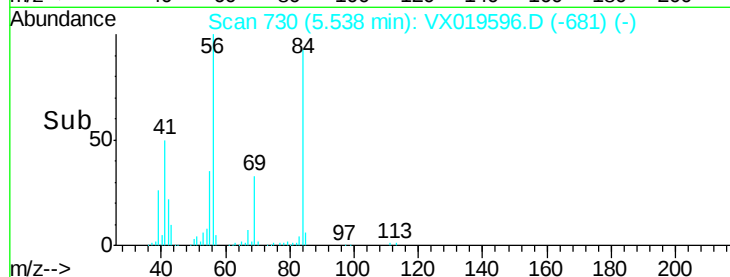
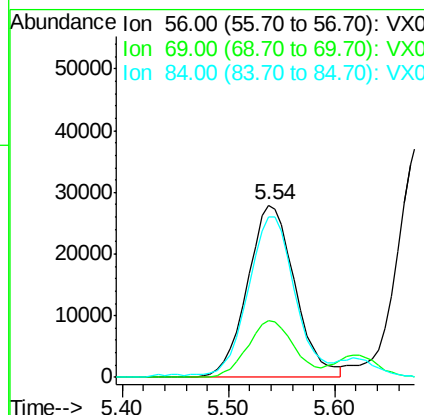
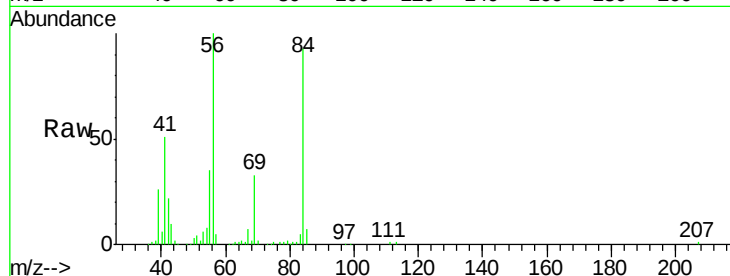
ClientSampleId :

VX1124WBS01

Tot Ion:	56	Resp:	87129
Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.5	38.3
84	91.4	71.1	106.7

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#32

1,1,1-Trichloroethane

Concen: 18.195 ug/l

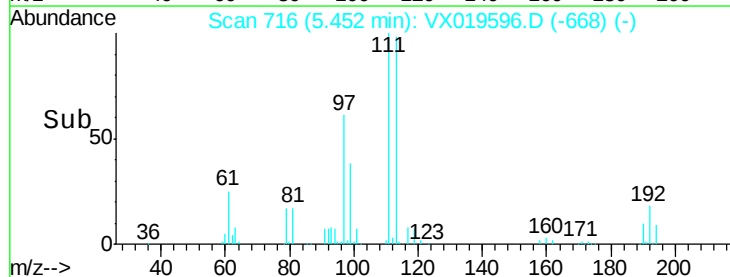
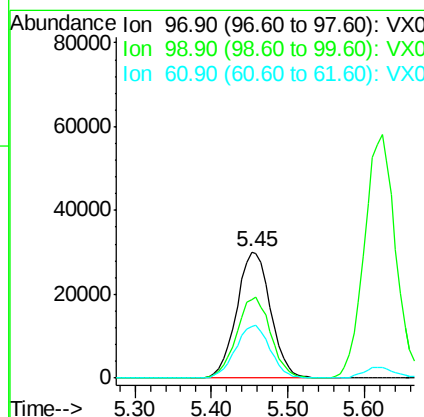
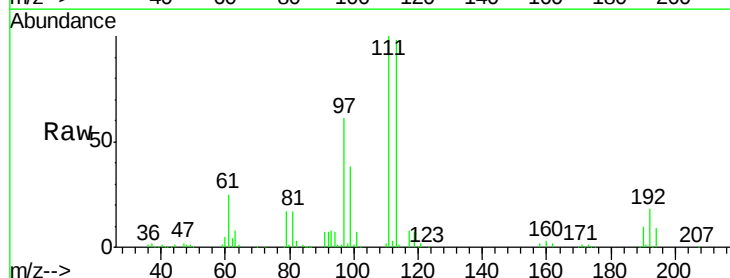
RT: 5.45 min Scan# 716

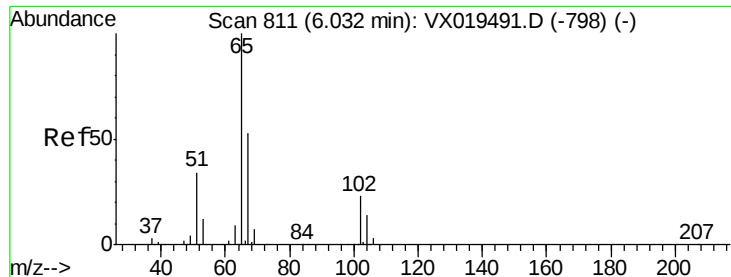
Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Tgt Ion:	97	Resp:	92681
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	42.5	34.2	51.2





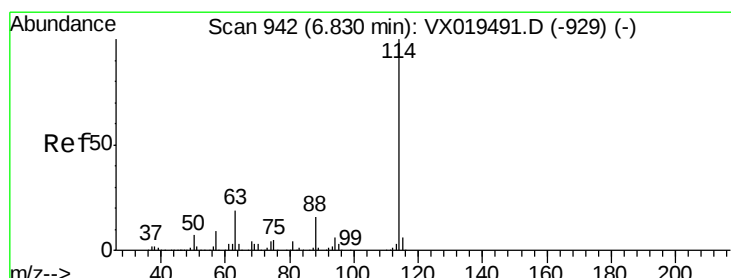
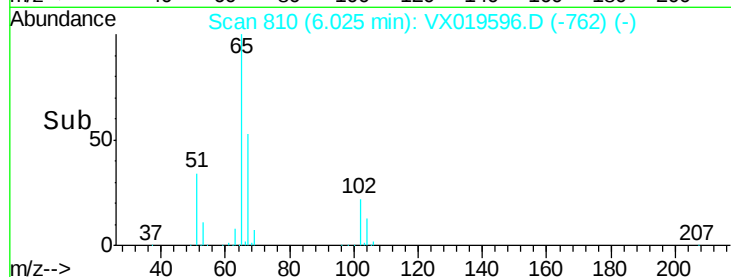
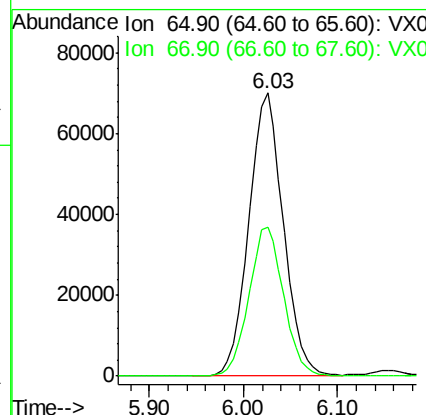
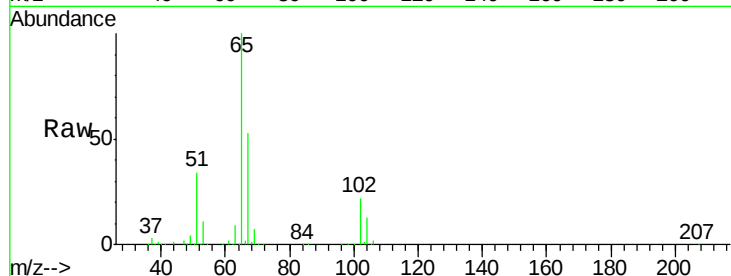
#33
 1,2-Dichloroethane-d4
 Concen: 48.165 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179961		
67	52.9	0.0	105.0	

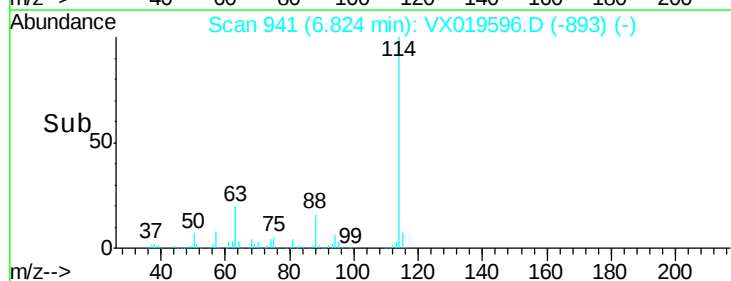
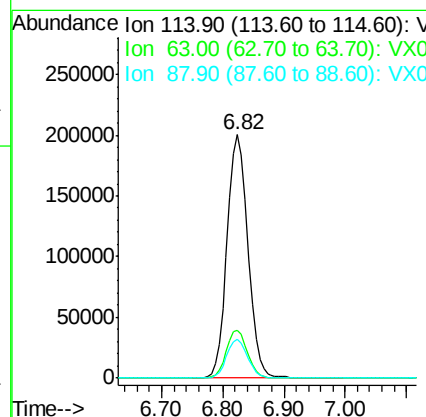
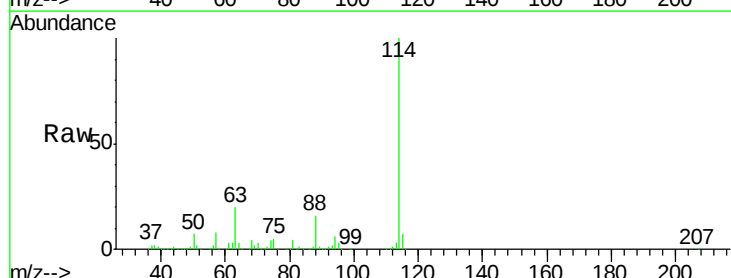
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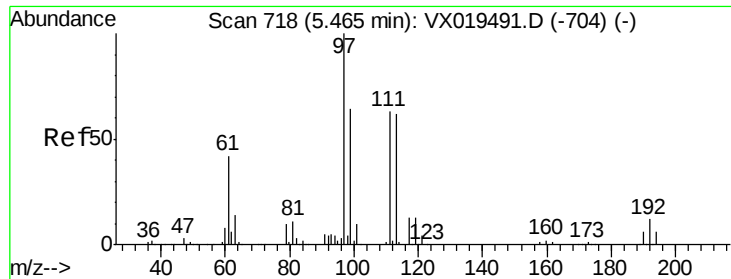
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	474352		
63	19.8	0.0	38.8	
88	16.0	0.0	31.6	





#35

Dibromofluoromethane

Concen: 48.505 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

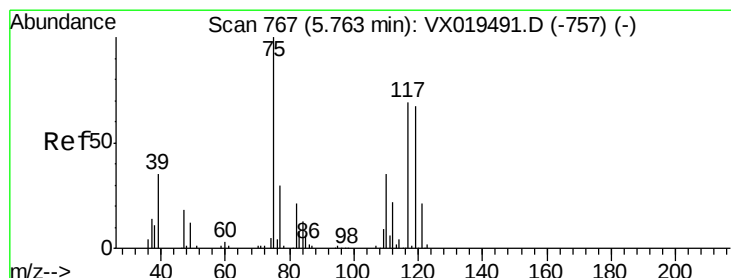
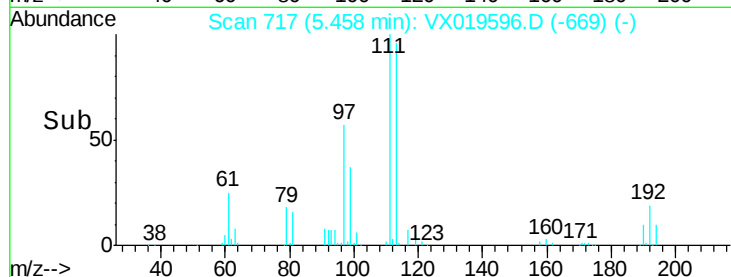
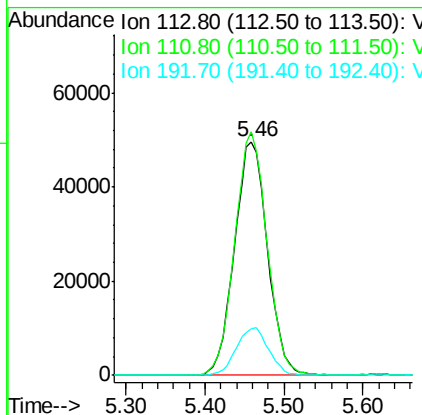
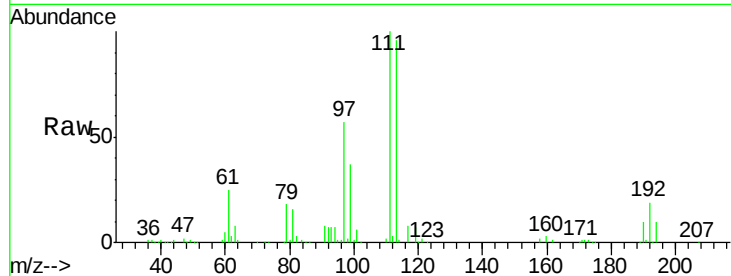
ClientSampleId :

VX1124WBS01

Tot Ion:	113	Resp:	144425
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.5	122.3
192	20.1	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 17.820 ug/l

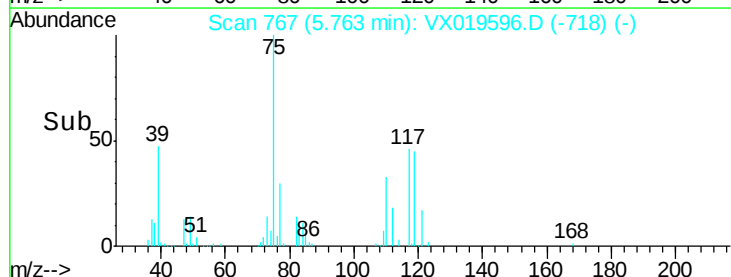
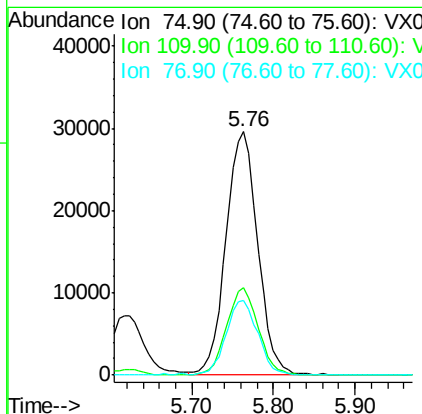
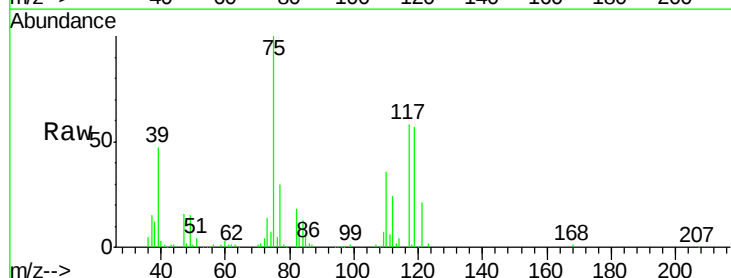
RT: 5.76 min Scan# 767

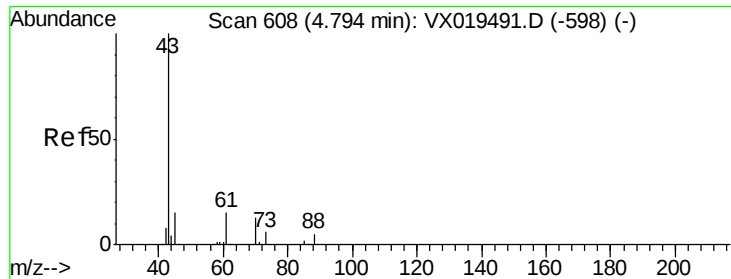
Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Tgt Ion:	75	Resp:	79246
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.3
77	30.8	24.2	36.4





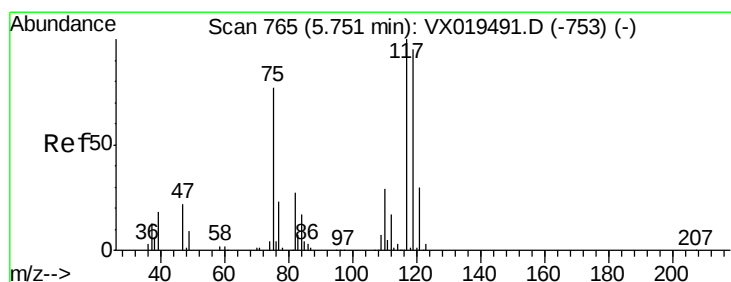
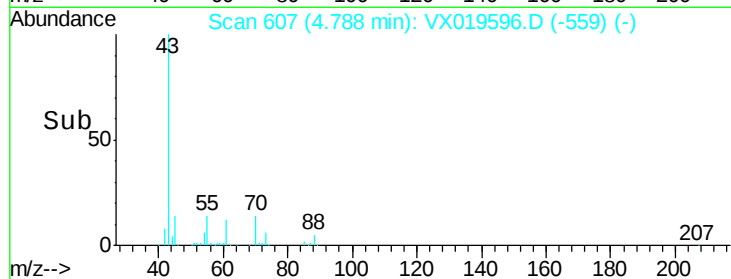
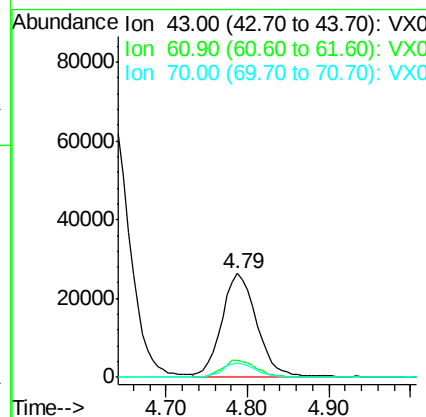
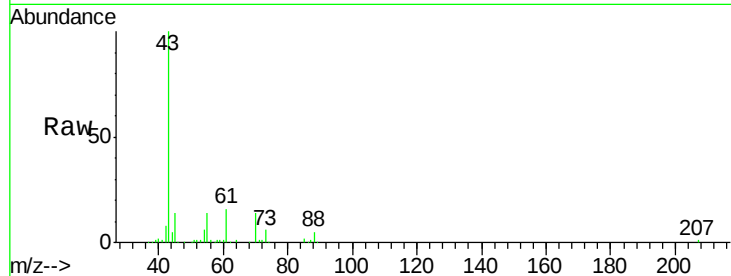
#37
Ethyl Acetate
Concen: 18.528 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.7	19.1
70	13.5	10.2	15.2

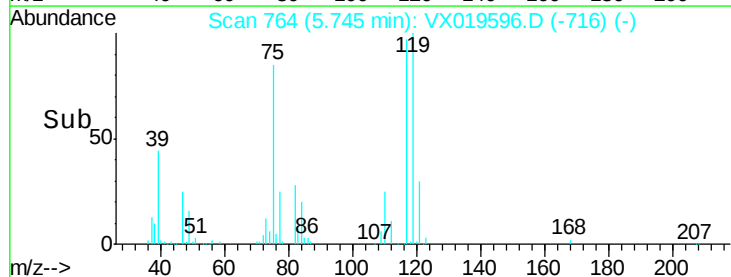
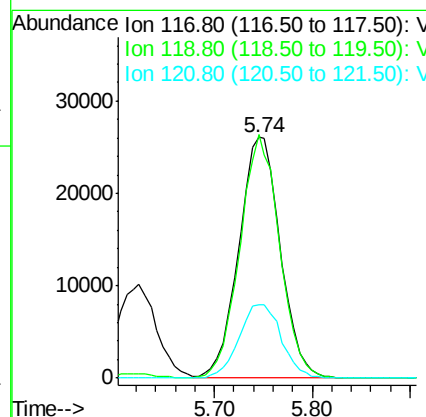
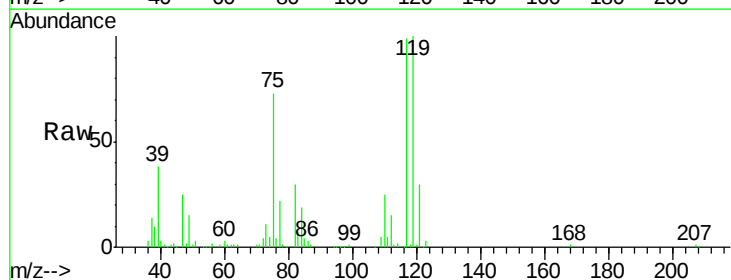
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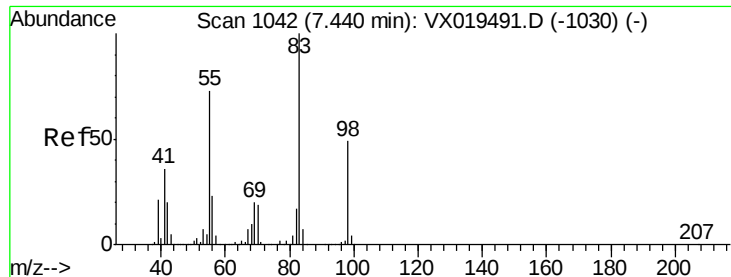
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#38
Carbon Tetrachloride
Concen: 17.781 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.2	75.9	113.9
121	30.7	24.0	36.0





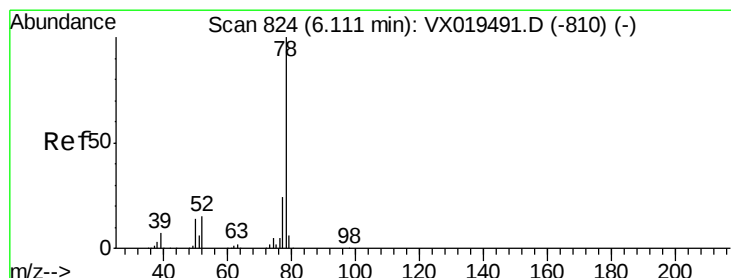
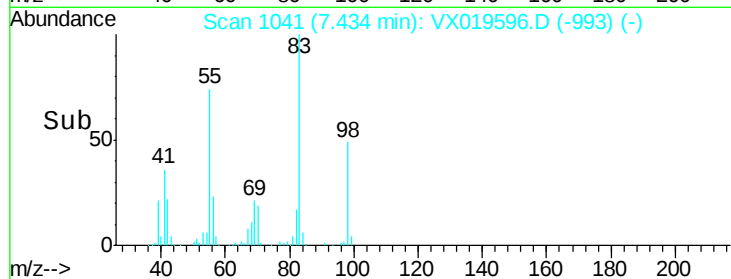
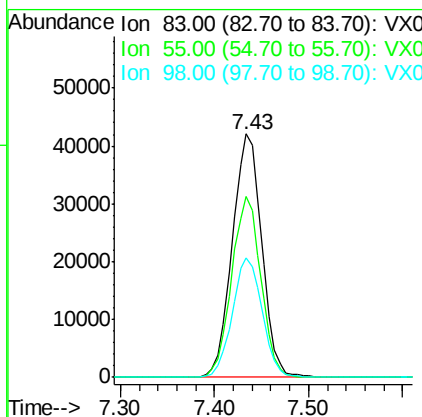
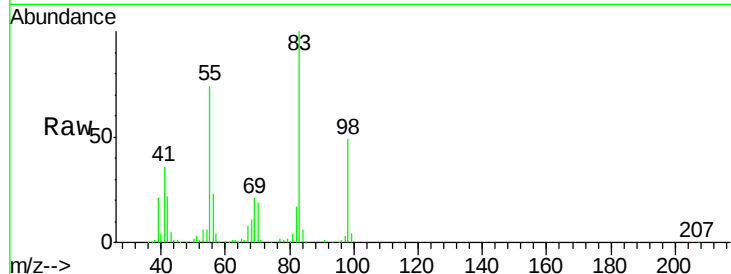
#39
Methvlcvclohexane
Concen: 17.703 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	58.3	87.5
98	49.1	38.9	58.3

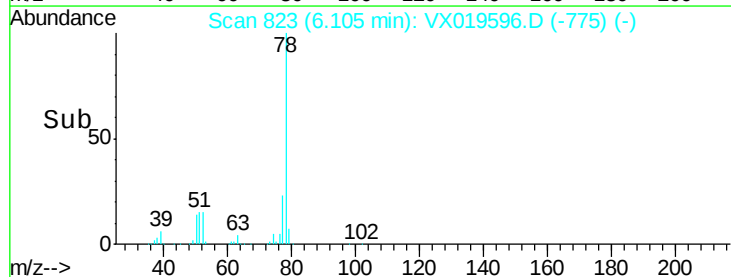
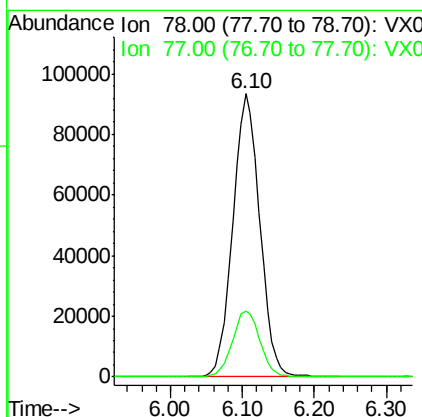
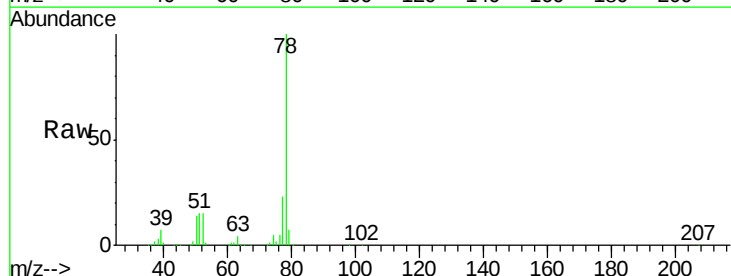
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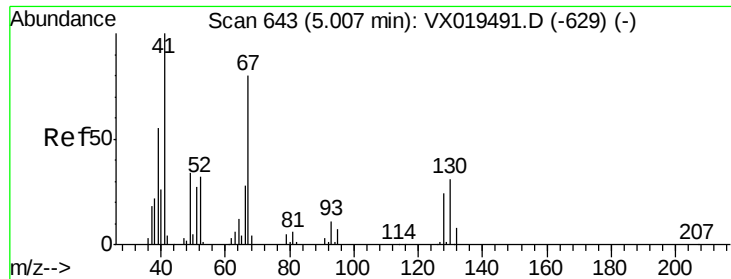
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#40
Benzene
Concen: 17.771 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3





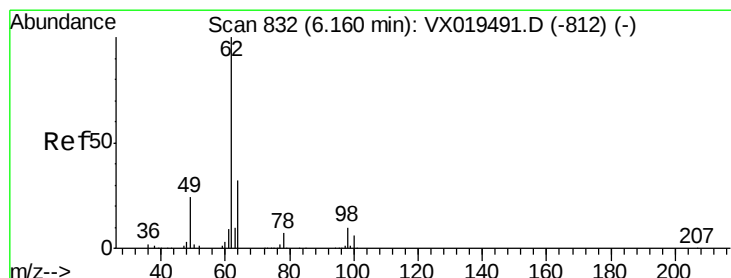
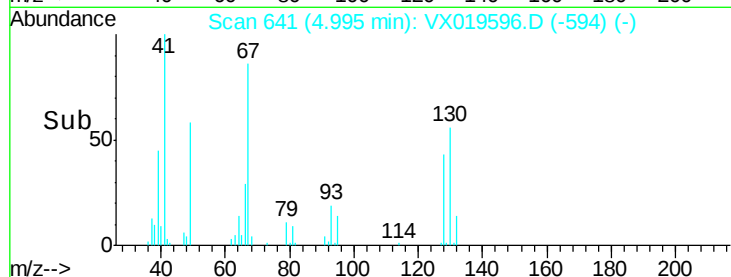
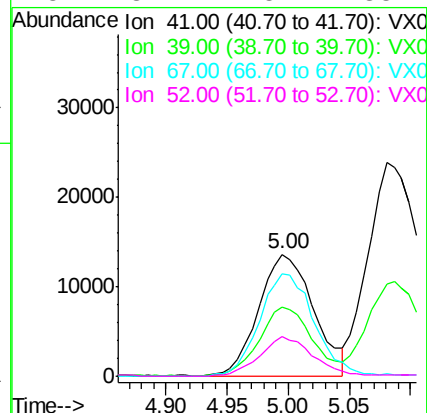
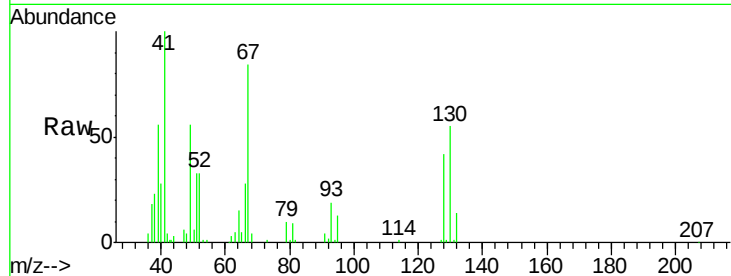
#41
Methacrylonitrile
Concen: 18.541 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	43.3	64.9	
67	84.3	66.0	99.0	
52	31.4	25.4	38.2	

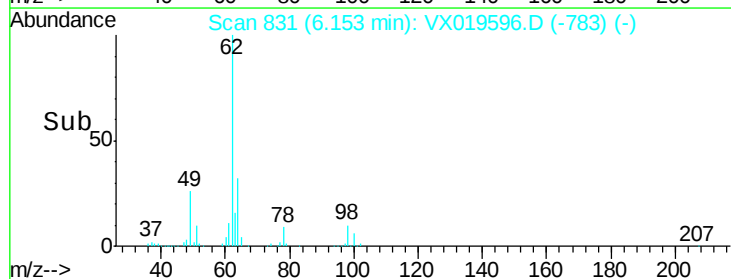
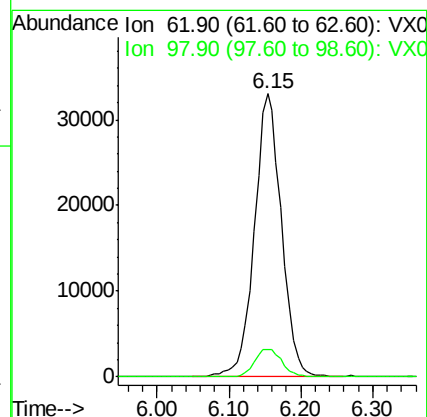
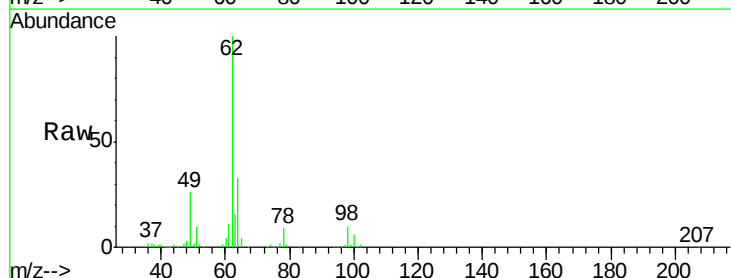
Manual Integrations
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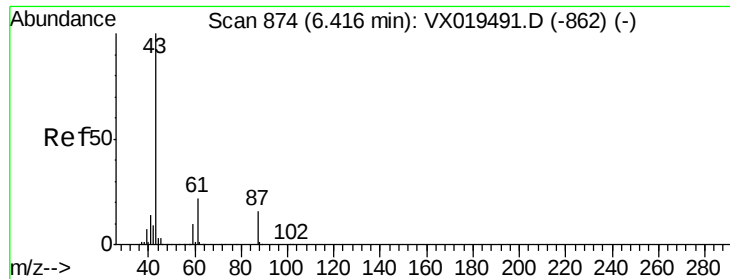
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#42
1,2-Dichloroethane
Concen: 18.354 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.0	





#43

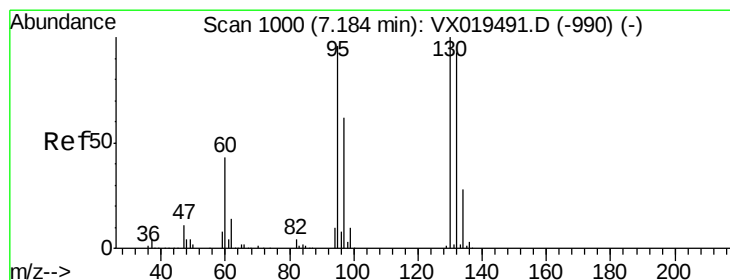
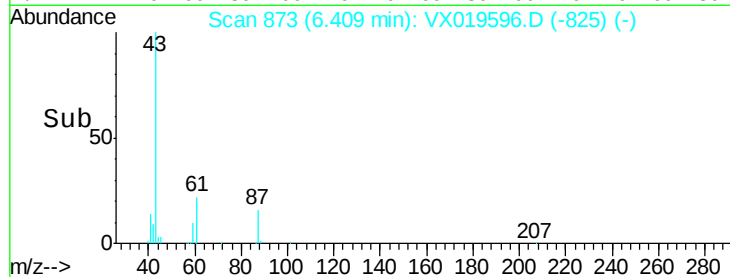
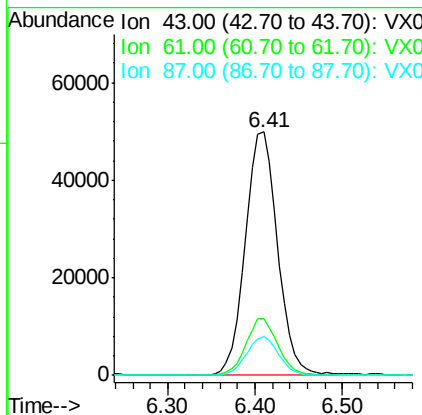
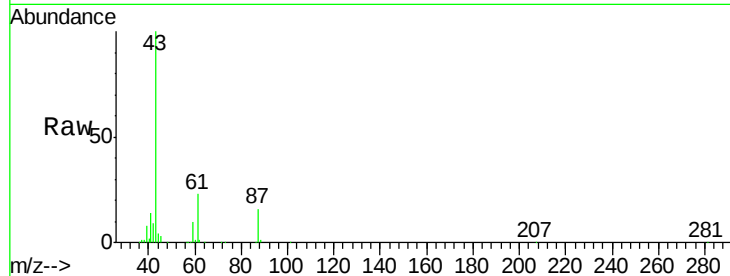
Isopropyl Acetate
 Concen: 18.127 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.1	18.2	27.2
87	15.7	12.6	18.8

Manual Integrations
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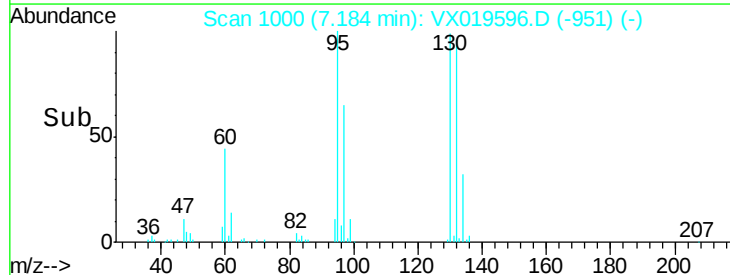
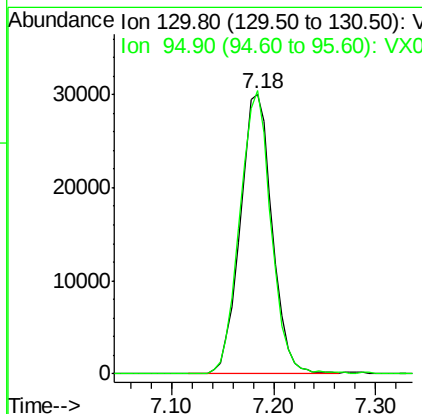
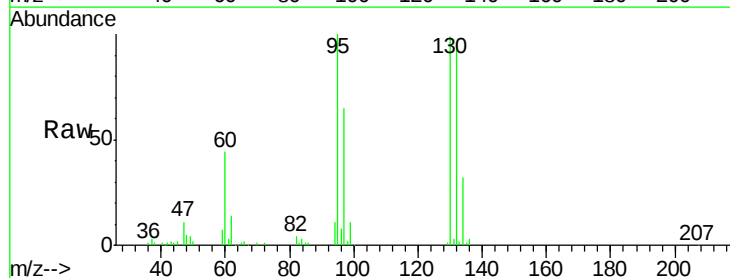
MMDadoda
 11/25/2020 10:31:05 AM

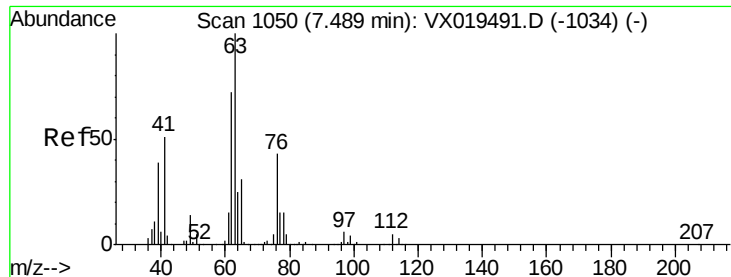


#44

Trichloroethene
 Concen: 18.247 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	191.2





#45

1,2-Dichloropropane

Concen: 18.128 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion: 63 Resp: 60978

Ion Ratio Lower Upper

63 100

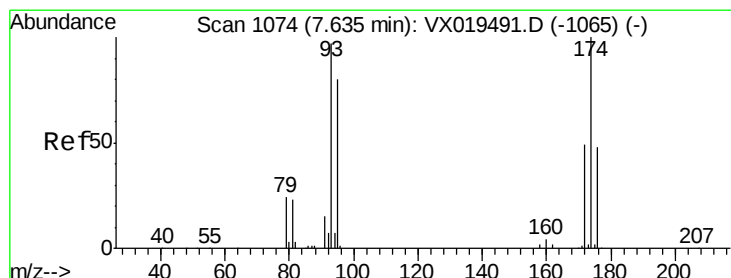
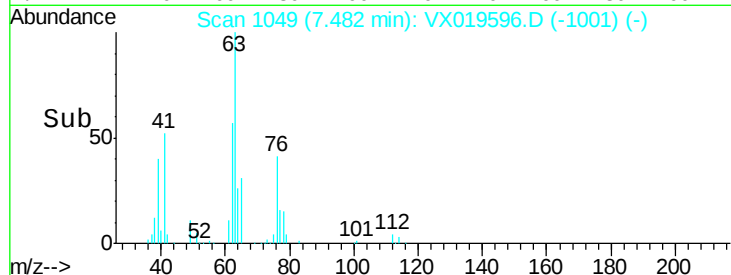
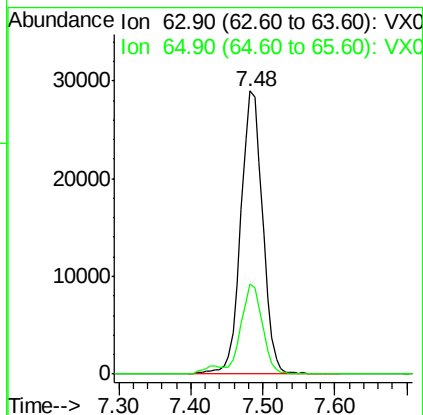
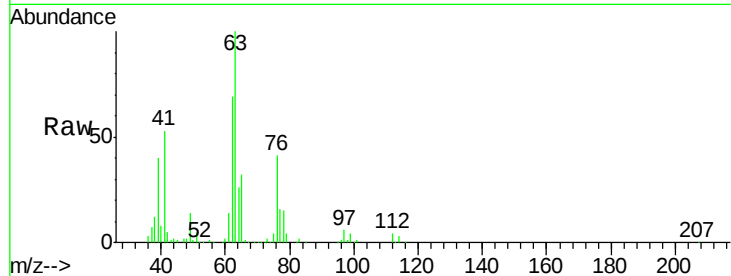
65 31.9 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 18.328 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

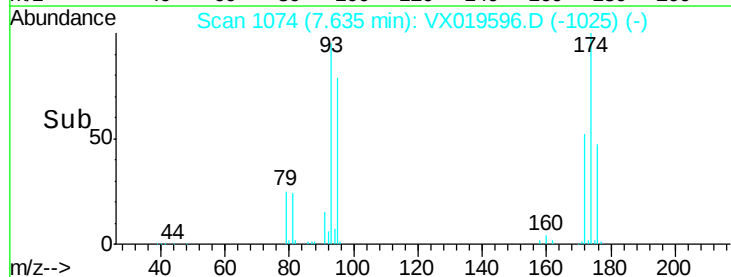
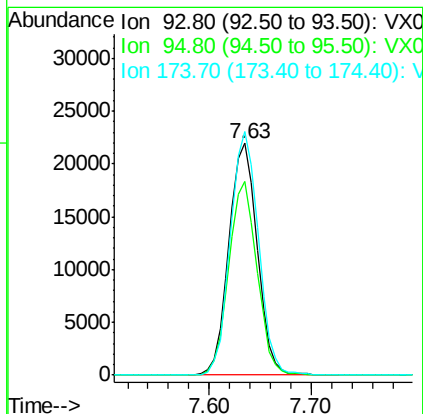
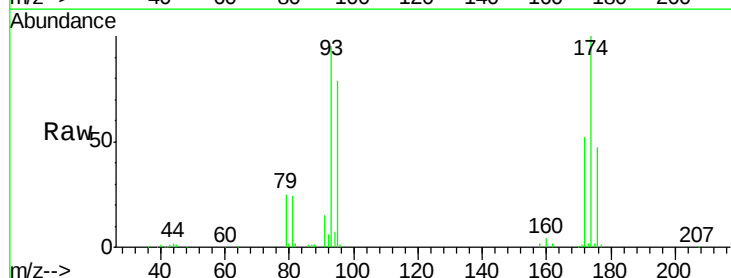
Tgt Ion: 93 Resp: 42194

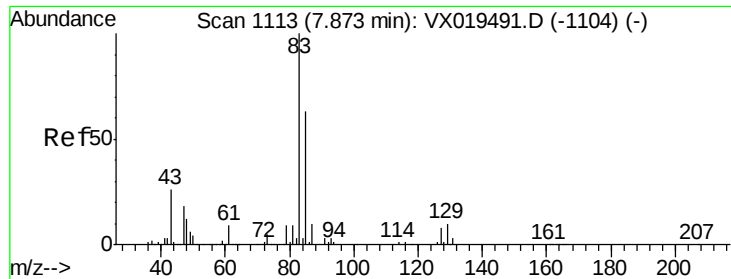
Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

174 104.2 83.0 124.4





#47

Bromodichloromethane

Concen: 18.133 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

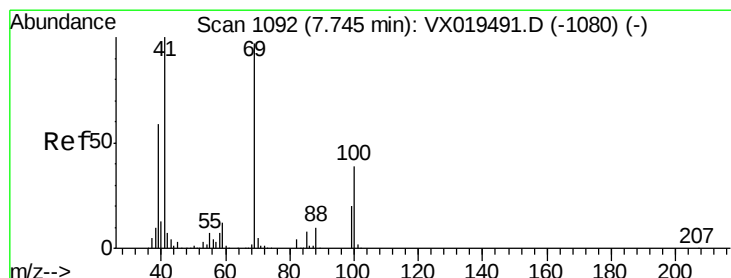
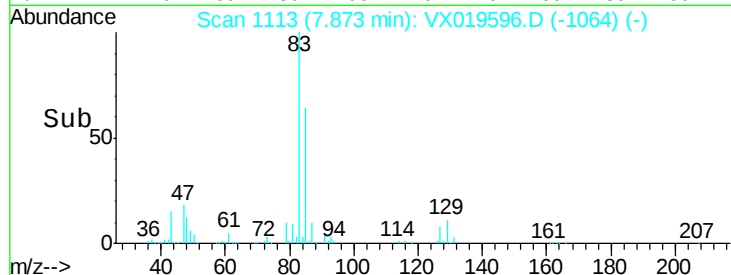
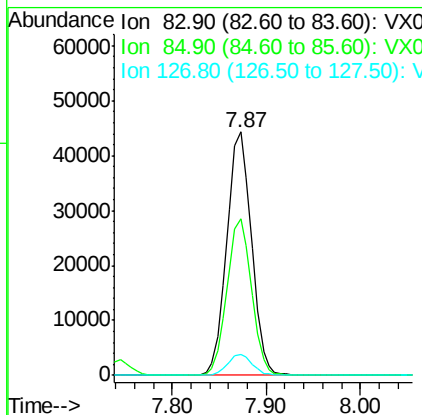
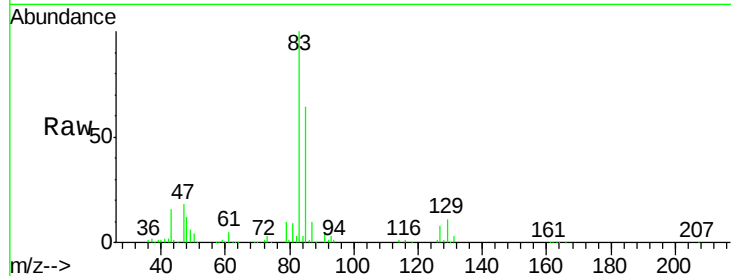
ClientSampleId :

VX1124WBS01

Tot Ion:	83	Resp:	81007
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.2	75.2
127	8.4	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.909 ug/l

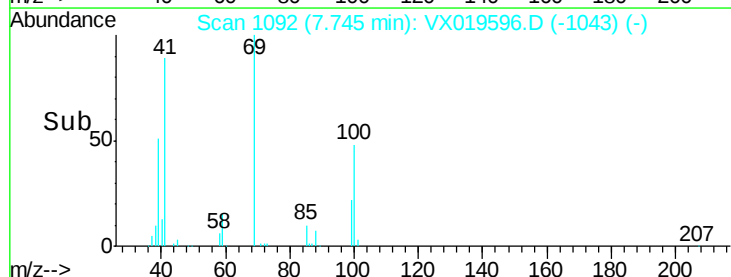
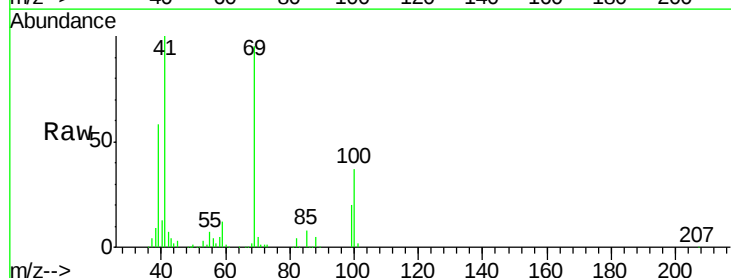
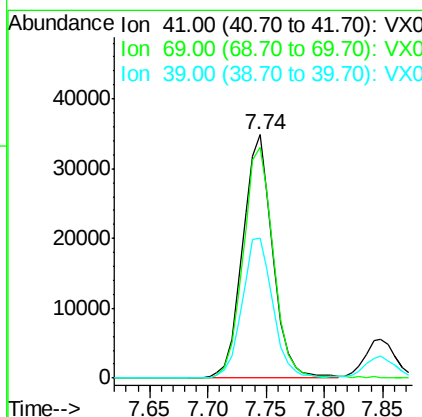
RT: 7.74 min Scan# 1092

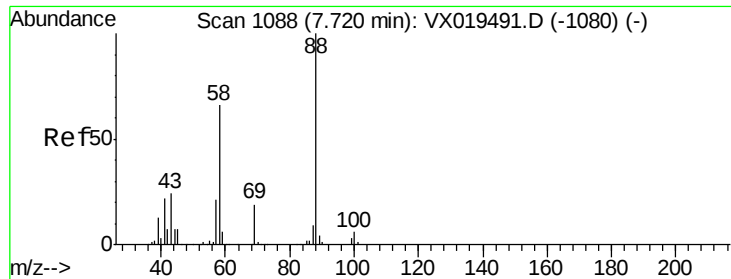
Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Tgt Ion:	41	Resp:	62147
Ion	Ratio	Lower	Upper
41	100		
69	96.8	77.0	115.6
39	59.5	45.6	68.4





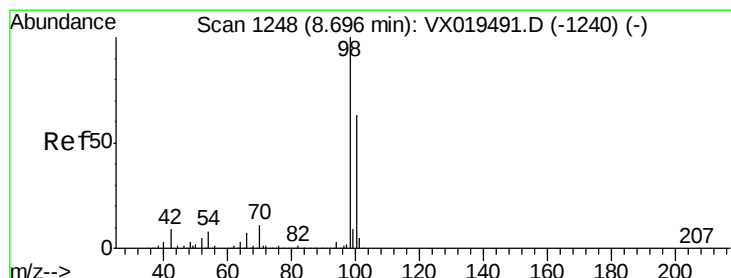
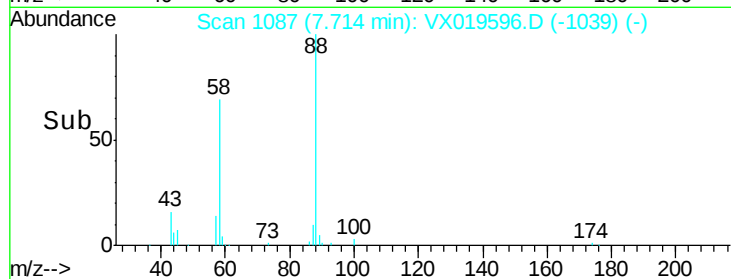
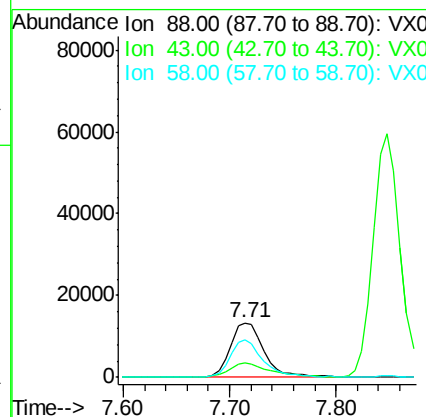
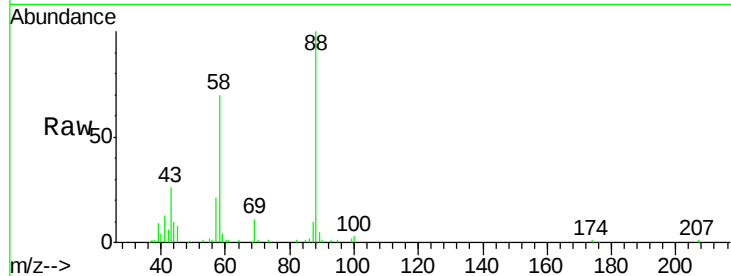
#49
1,4-Dioxane
Concen: 395.012 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	29478		
43	28.5		23.8	35.6
58	67.9		54.2	81.2

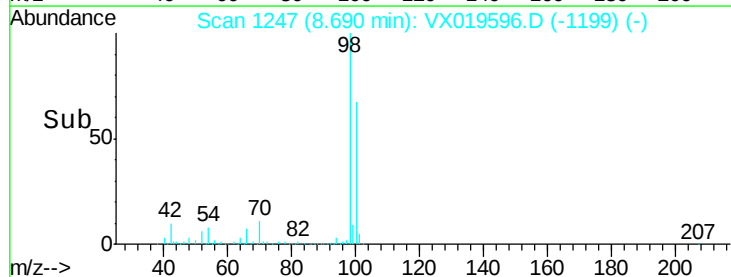
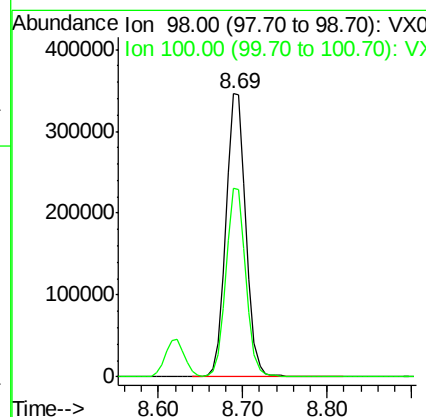
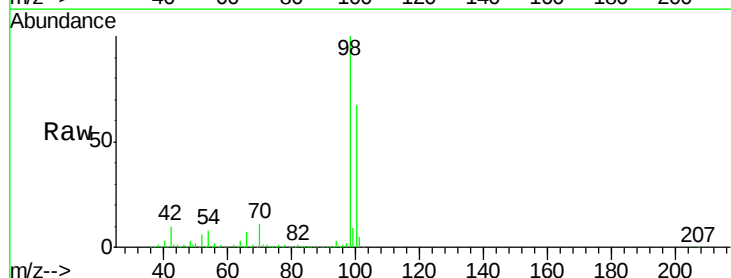
Manual Integrations
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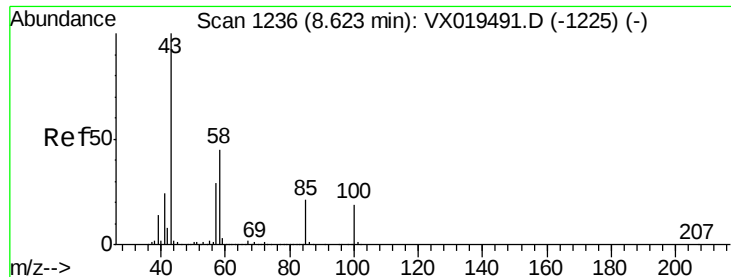
MMDadoda
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#50
Toluene-d8
Concen: 48.925 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	566078		
100	66.4		52.4	78.6





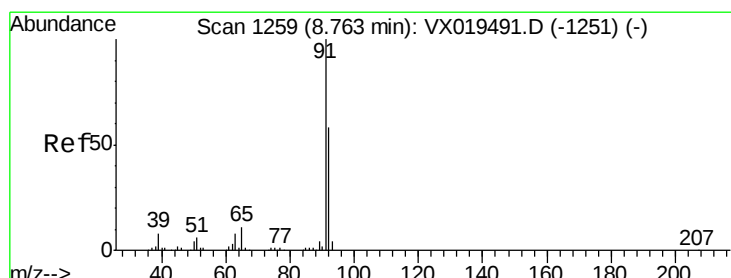
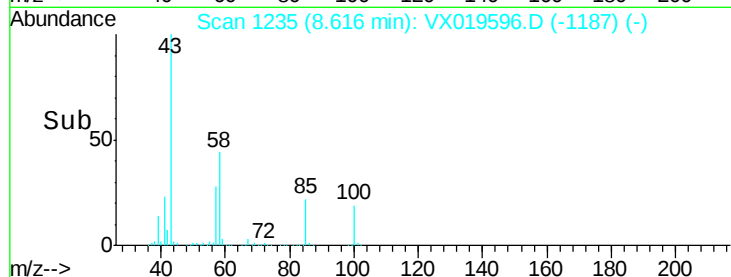
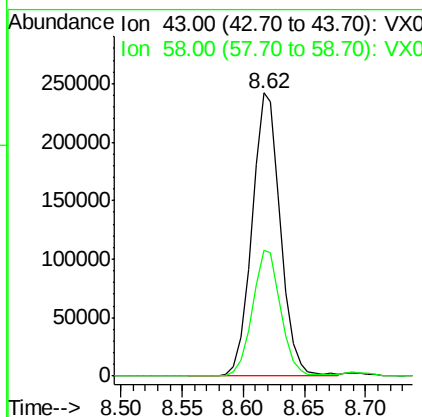
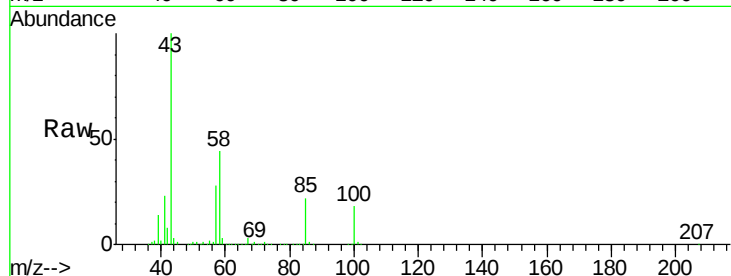
#51
4-Methyl-2-Pentanone
Concen: 95.242 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampled :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.4	35.1	52.7

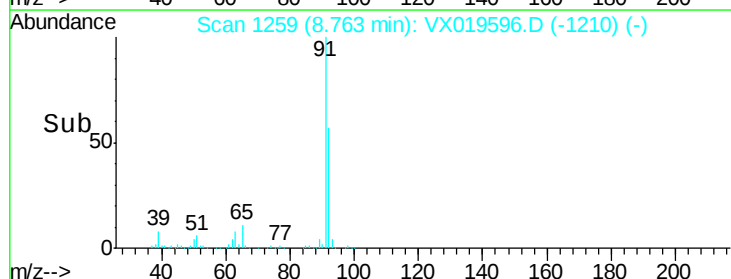
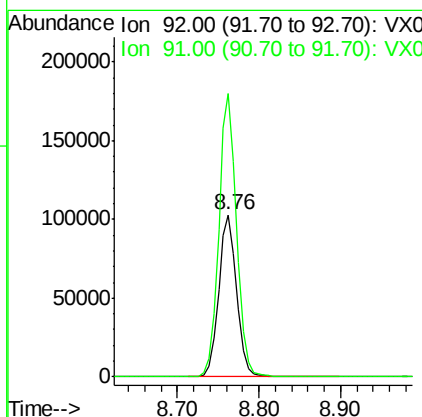
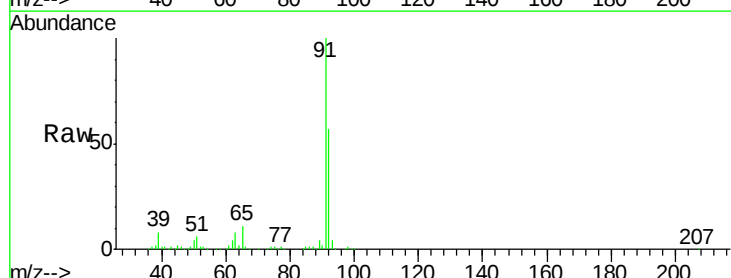
Manual Integrations
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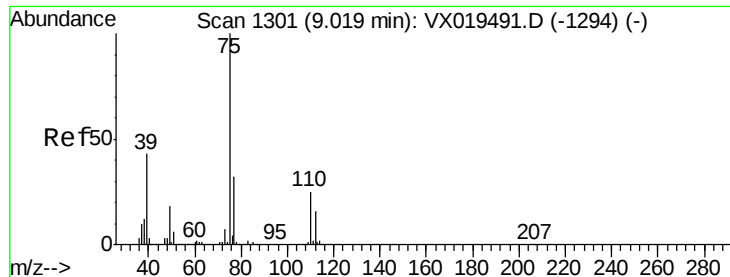
MMDadoda
11/25/2020 10:31:05 AM



#52
Toluene
Concen: 18.785 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.6	138.1	207.1





#53

t-1,3-Dichloropropene

Concen: 18.799 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion: 75 Resp: 90701

Ion Ratio Lower Upper

75 100

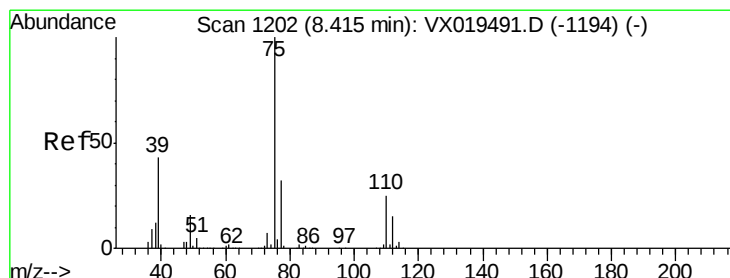
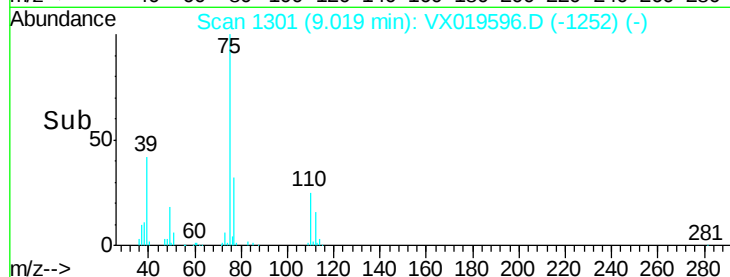
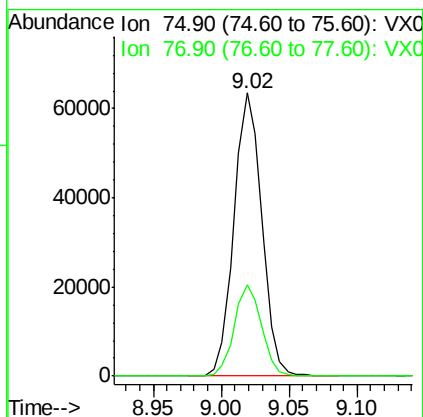
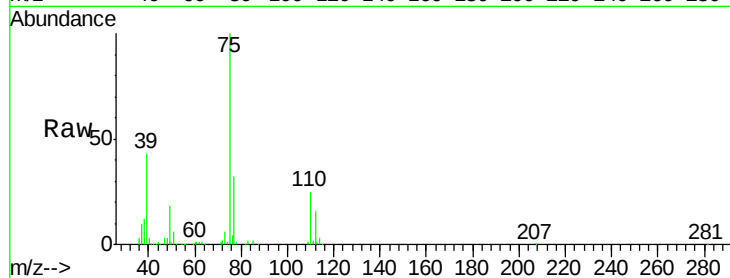
77 32.4 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.714 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

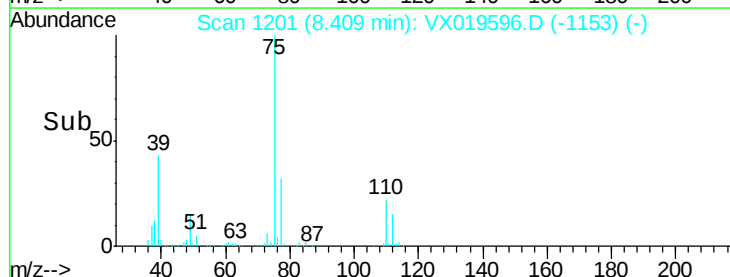
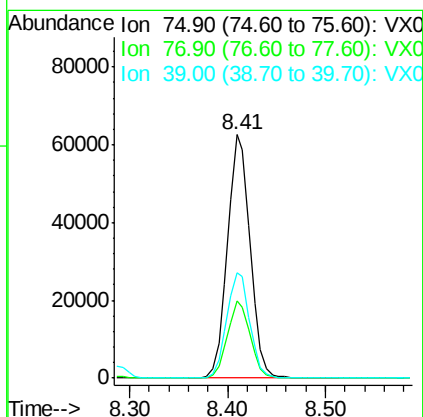
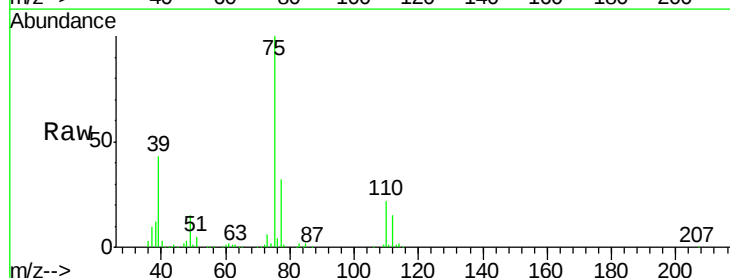
Tgt Ion: 75 Resp: 100201

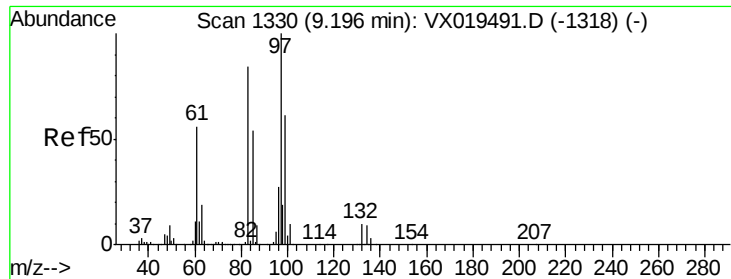
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

39 43.0 34.6 51.8





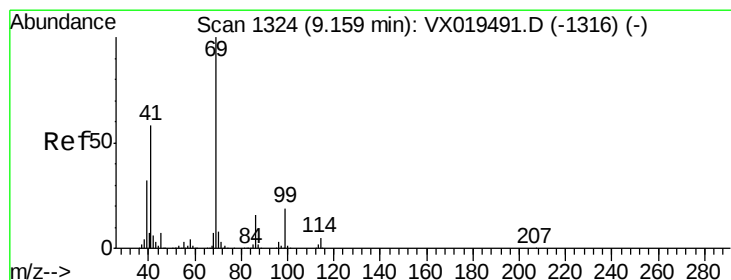
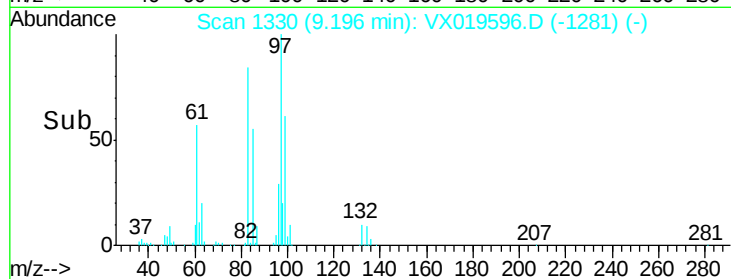
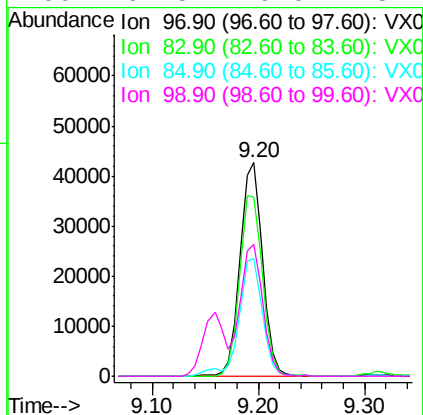
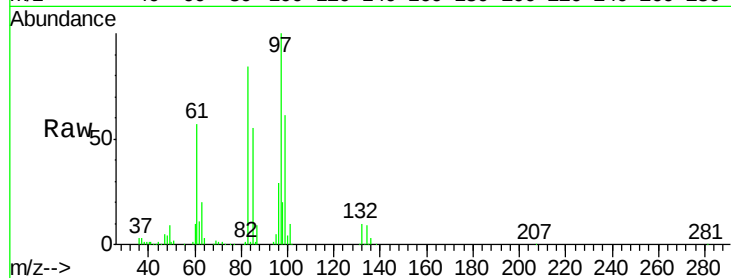
#55
 1,1,2-Trichloroethane
 Concen: 18.700 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		63658		
83	83.8	67.0	100.6		
85	55.4	43.4	65.0		
99	61.5	49.0	73.4		

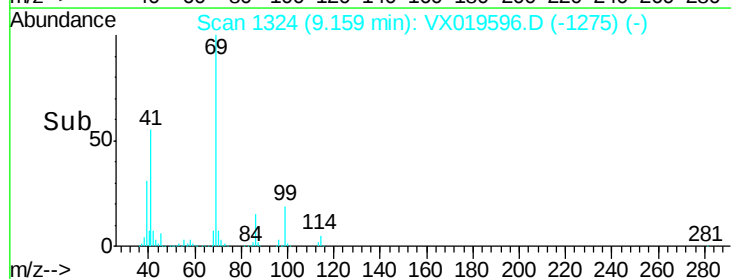
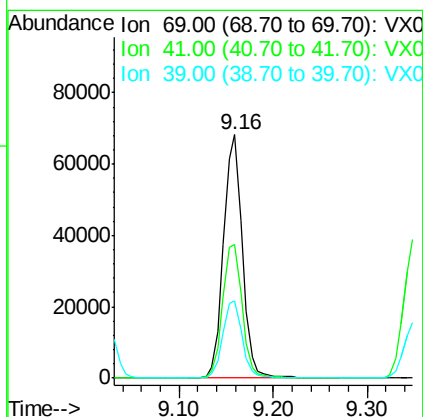
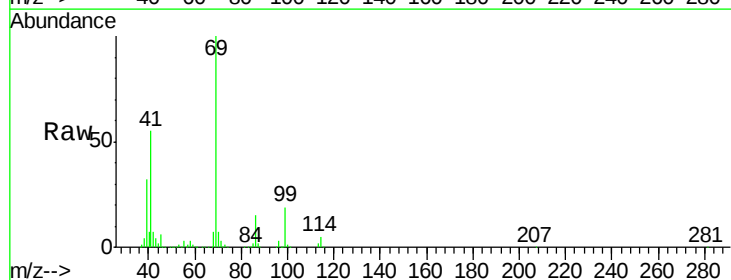
Manual Integrations
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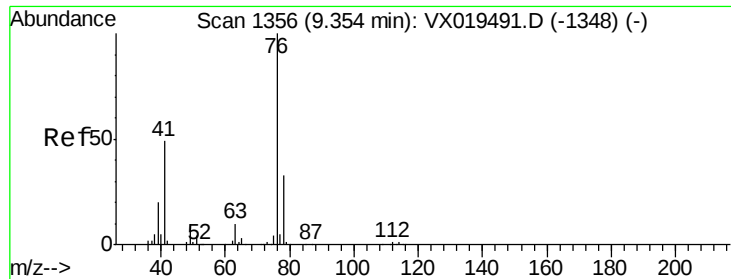
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 11/25/2020 10:31:05 AM



#56
 Ethyl methacrylate
 Concen: 19.645 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		94627		
41	56.7	46.2	69.2		
39	32.6	25.5	38.3		





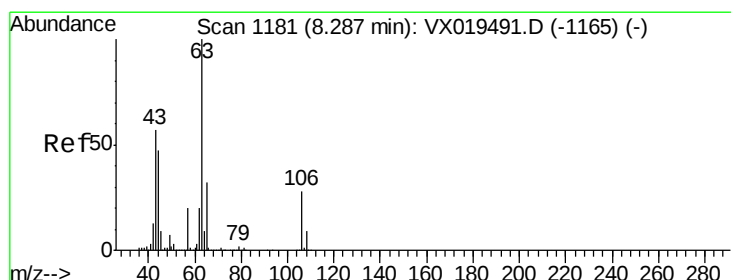
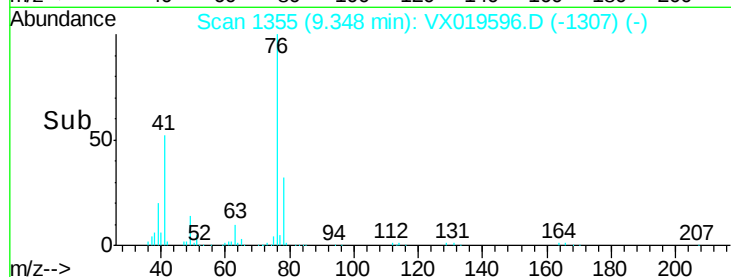
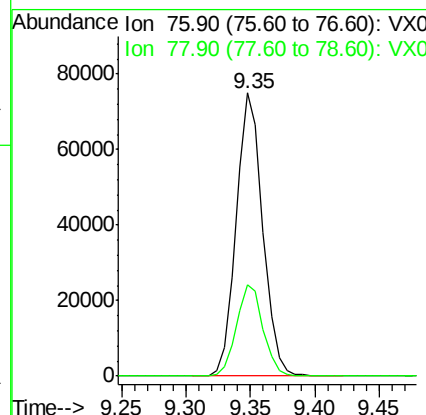
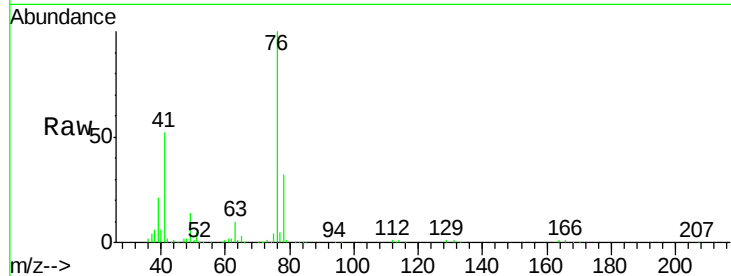
#57
 1,3-Dichloropropane
 Concen: 18.857 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBS01

Tot Ion: 76 Resp: 107473
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5

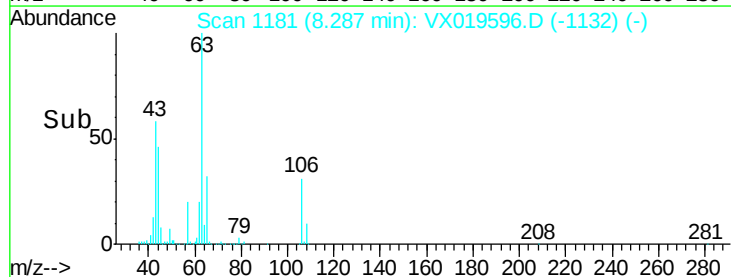
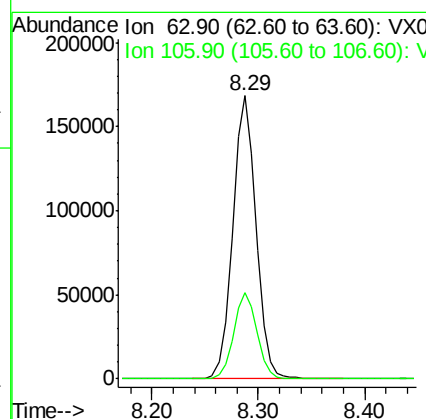
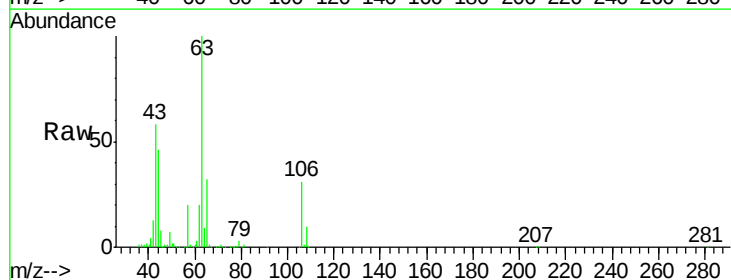
Manual Integrations
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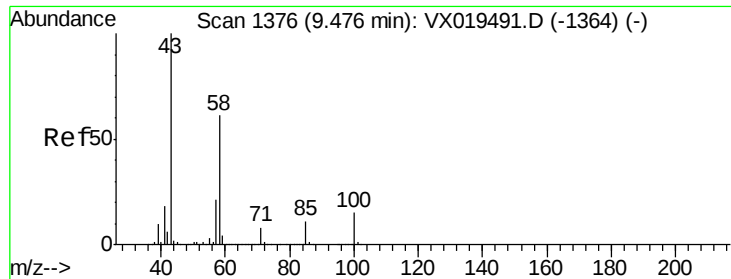
MMDadoda
 11/25/2020 10:31:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.320 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Tgt Ion: 63 Resp: 257753
 Ion Ratio Lower Upper
 63 100
 106 30.4 23.7 35.5





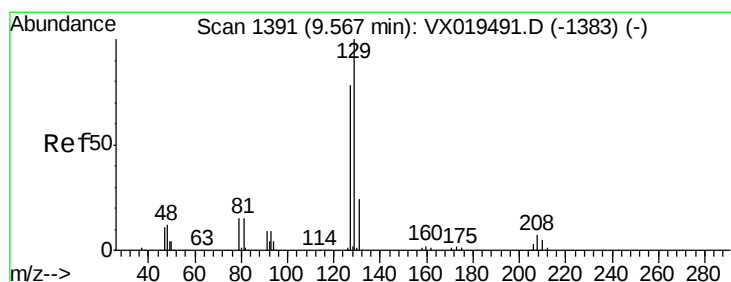
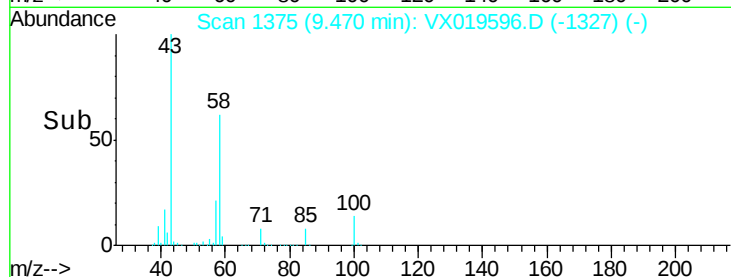
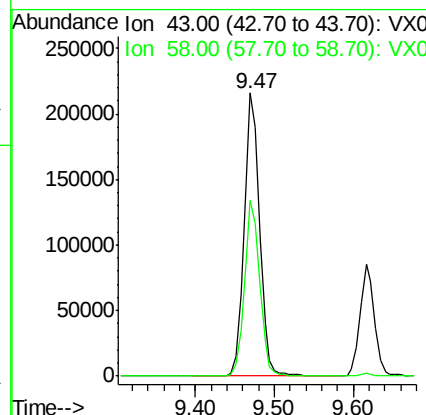
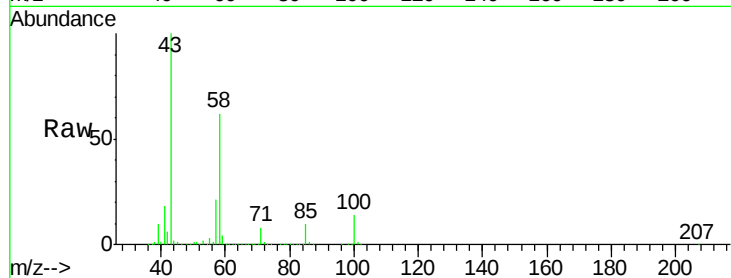
#59
2-Hexanone
Concen: 95.119 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.3	30.6	91.6

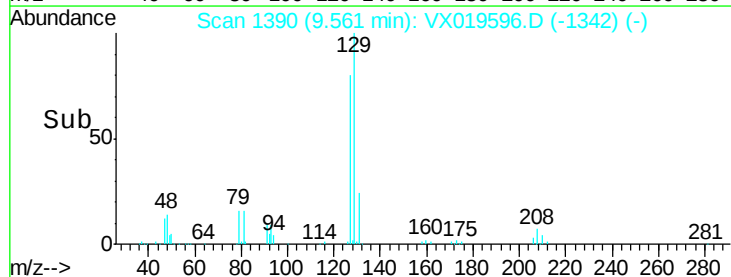
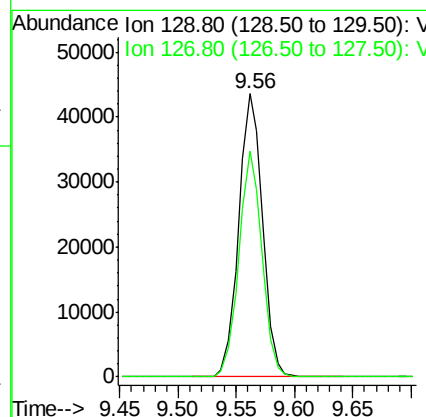
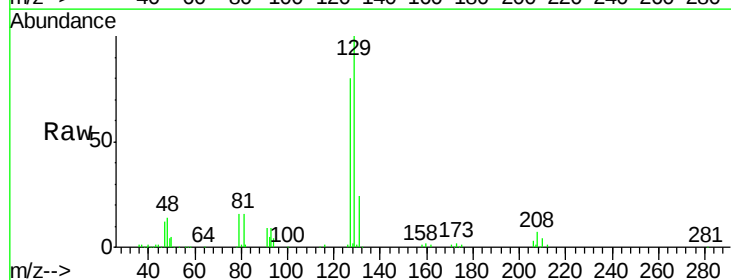
Manual Integrations
APPROVED

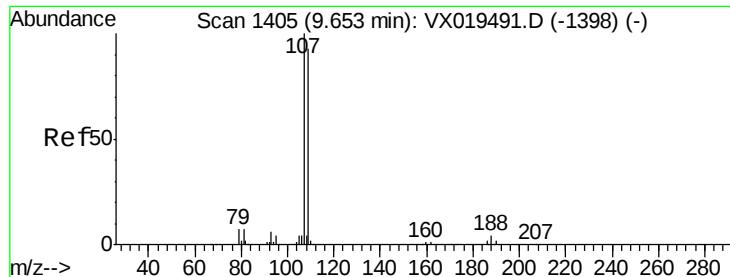
MMDadoda
11/25/2020 10:31:05 AM



#60
Dibromochloromethane
Concen: 18.671 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.0	116.9





#61

1,2-Dibromoethane

Concen: 18.756 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion: 107 Resp: 65814

Ion Ratio Lower Upper

107 100

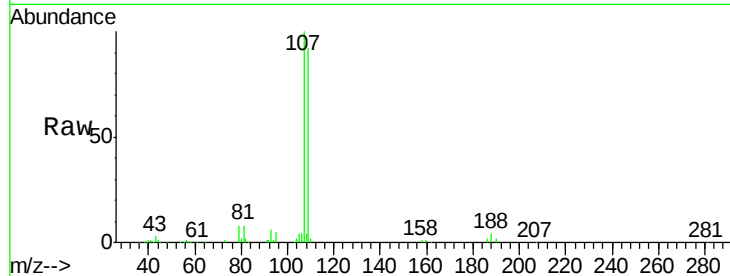
109 94.0 74.8 112.2

Manual Integrations

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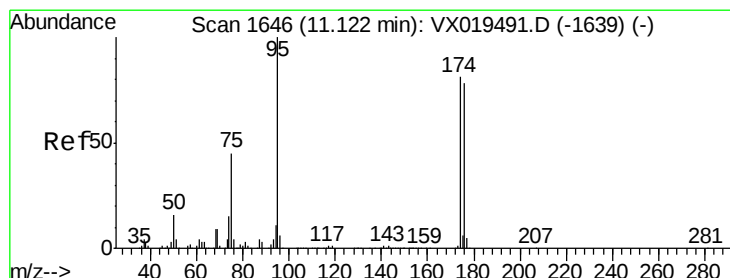
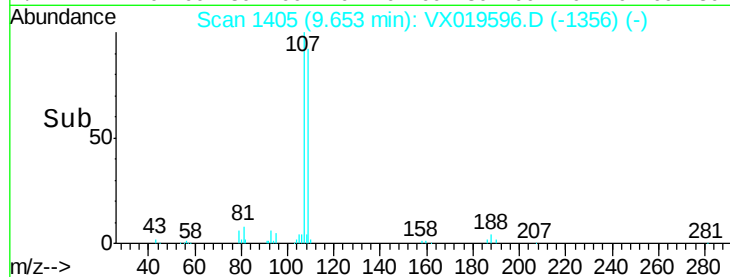
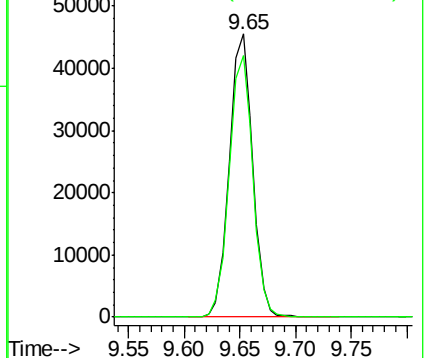
MMDadoda

11/25/2020 10:31:05 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.826 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

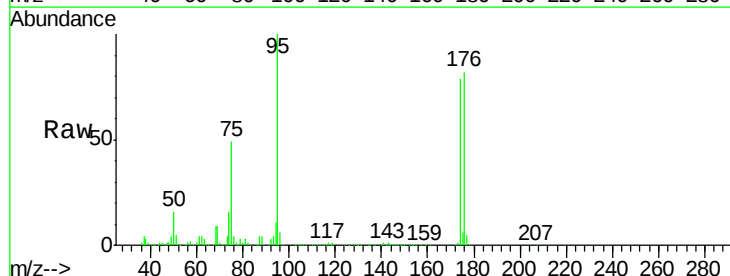
Tgt Ion: 95 Resp: 207416

Ion Ratio Lower Upper

95 100

174 78.3 0.0 156.2

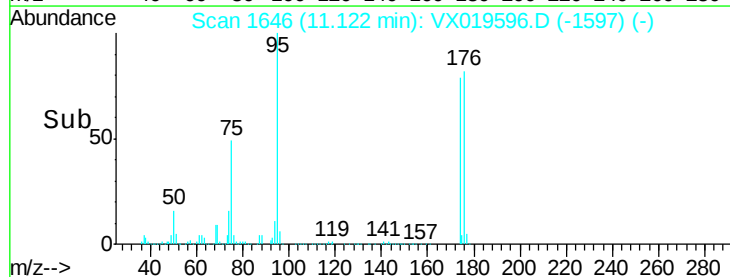
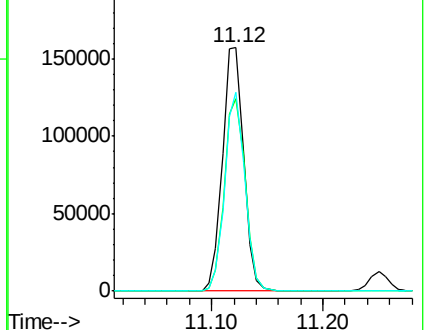
176 77.3 0.0 151.4

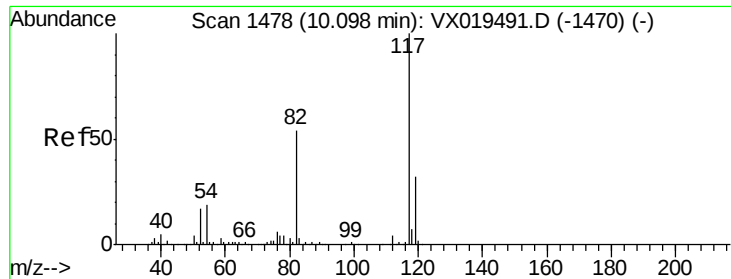


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





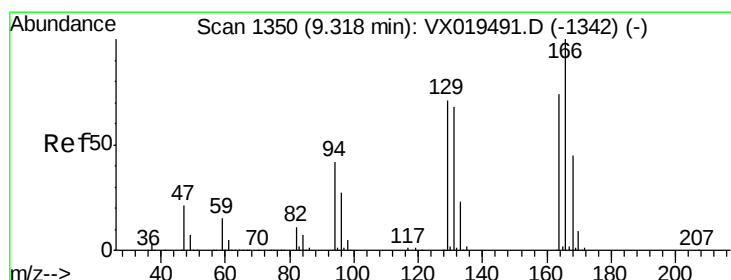
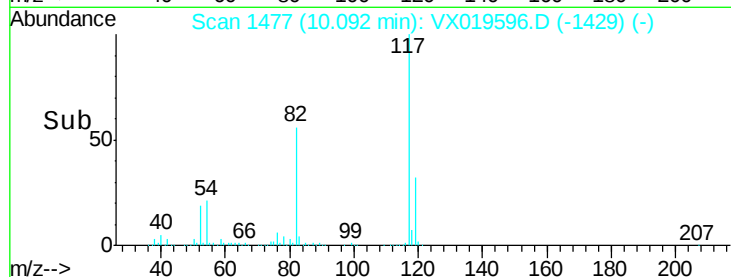
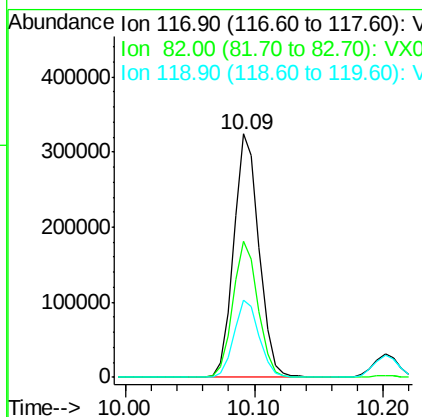
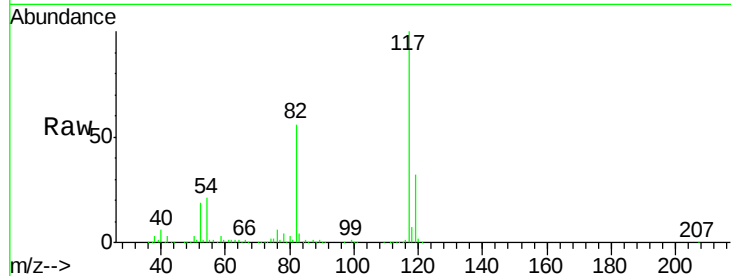
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	442124		
82	55.8	43.0	64.4	
119	31.9	25.6	38.4	

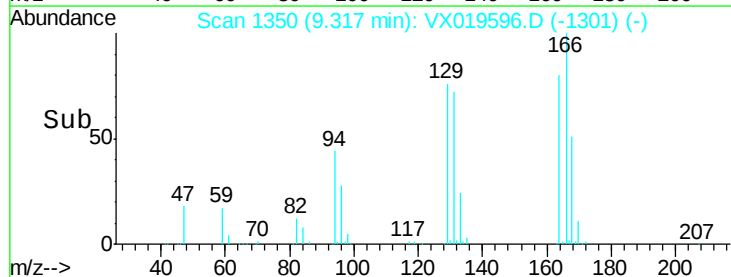
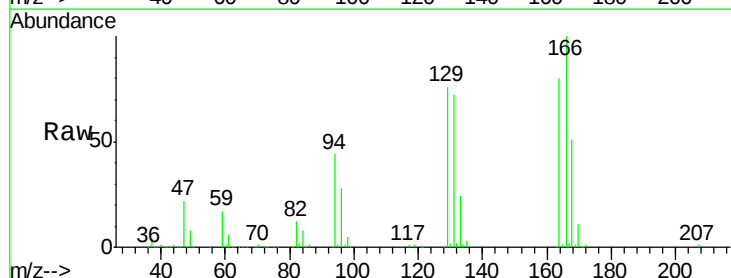
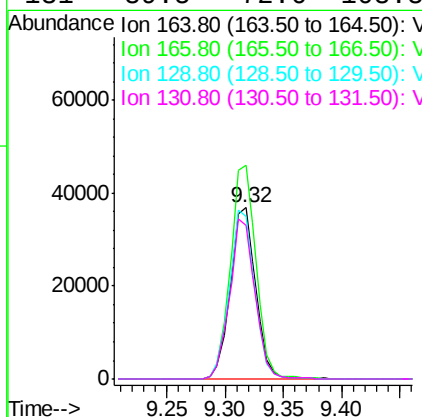
Manual Integrations
APPROVED

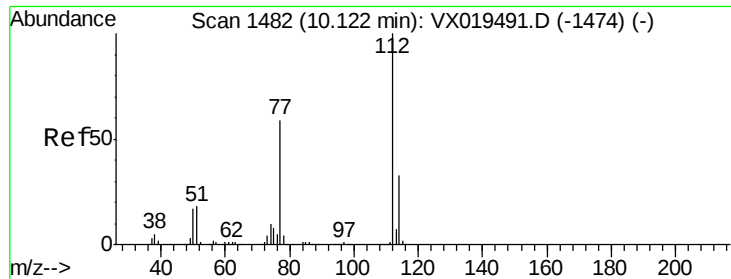
MMDadoda
11/25/2020 10:31:05 AM



#64
Tetrachloroethene
Concen: 16.097 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55941		
166	124.7	107.4	161.0	
129	94.8	76.6	114.8	
131	89.5	72.6	108.8	





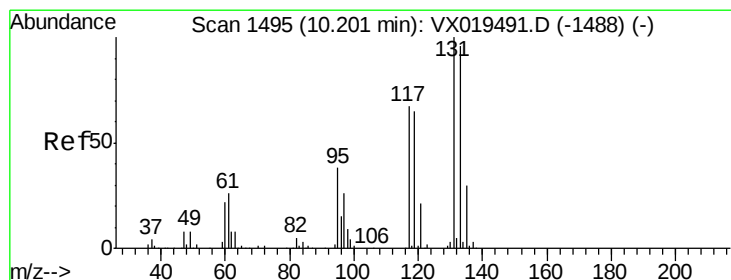
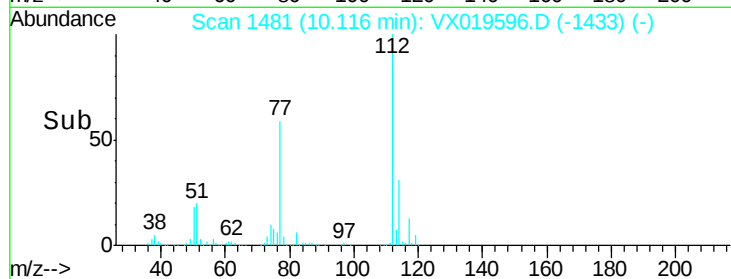
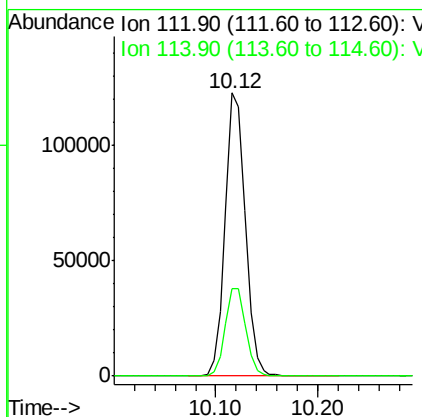
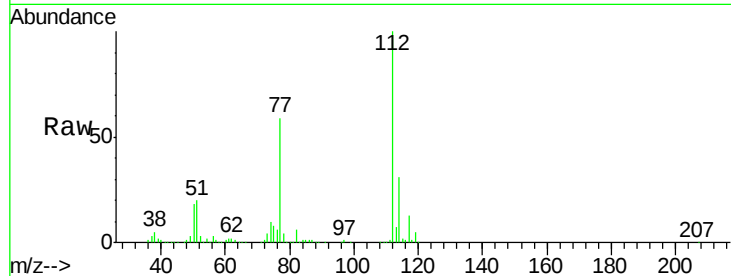
#65
Chlorobenzene
Concen: 18.579 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.7	26.0	39.0

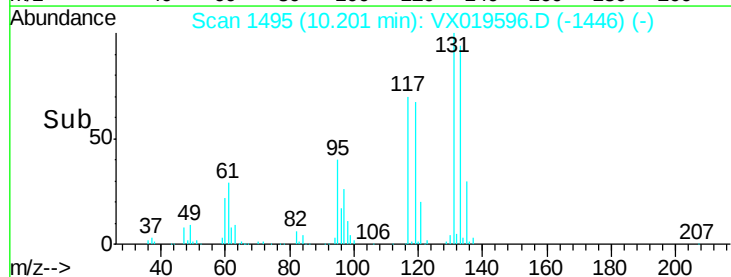
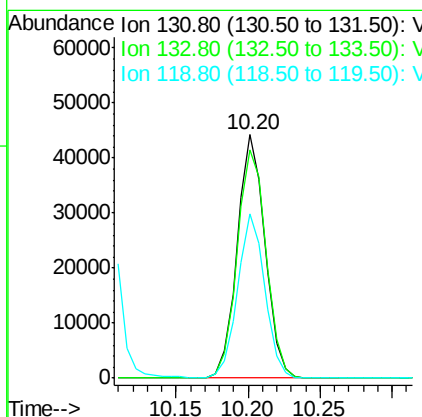
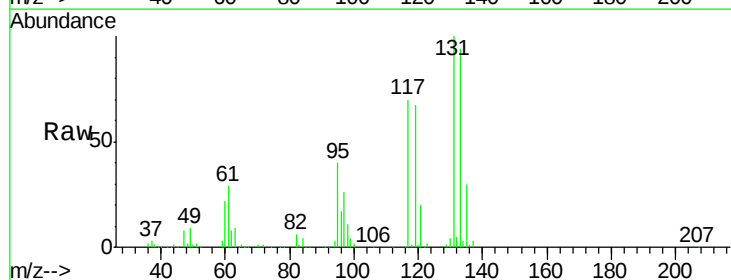
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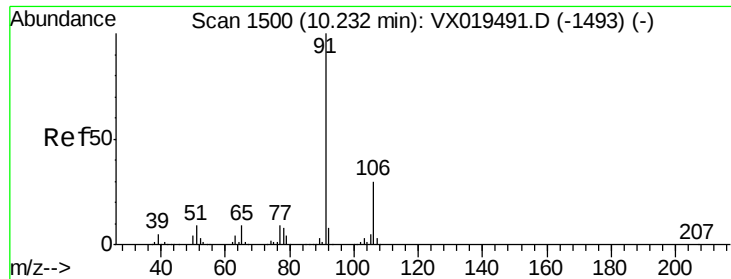
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.936 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.6	48.5	145.5
119	66.5	33.0	99.0





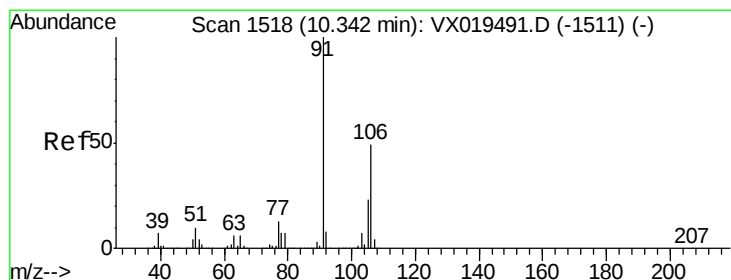
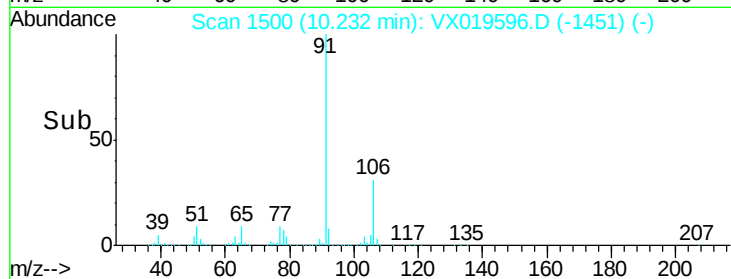
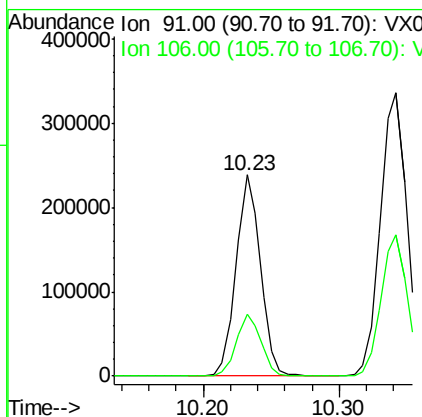
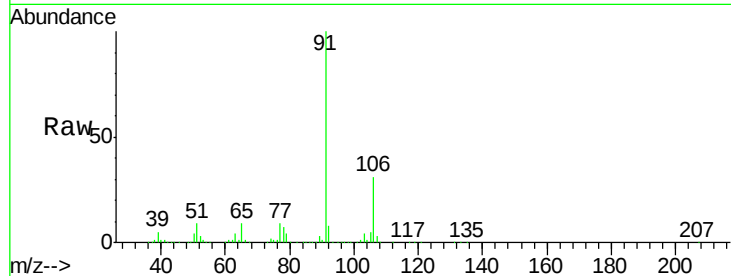
#67
Ethyl Benzene
Concen: 18.769 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.0	36.0

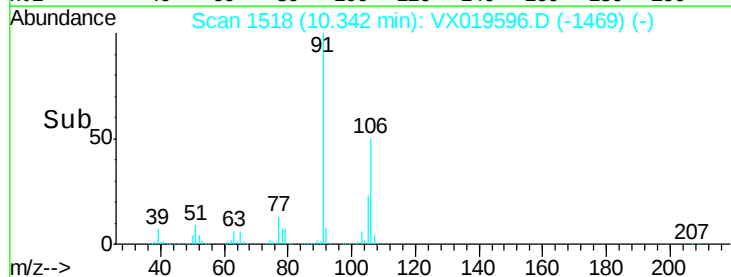
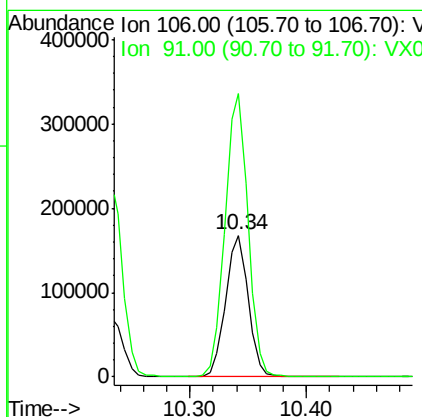
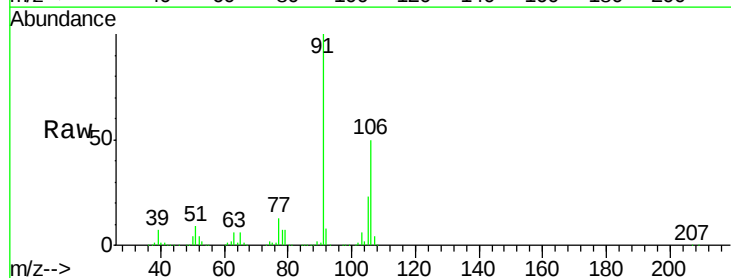
Manual Integrations
APPROVED

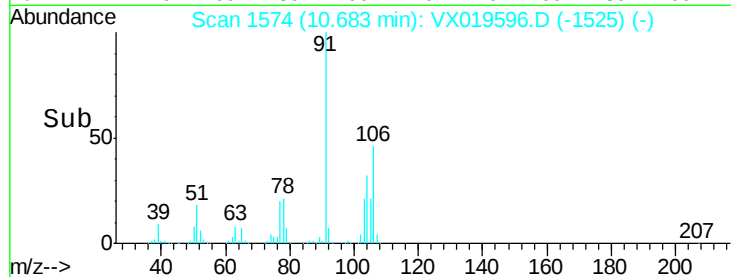
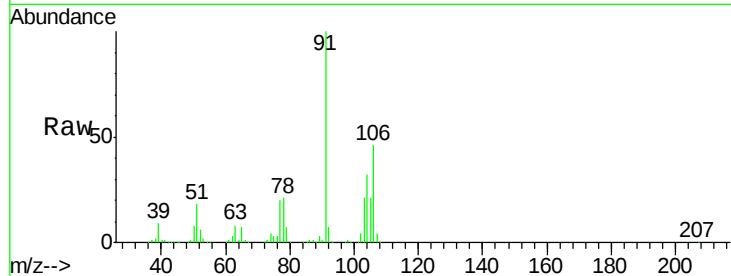
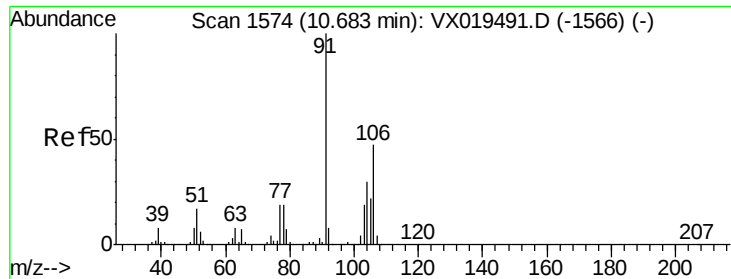
MMDadoda
11/25/2020 10:31:05 AM



#68
m/p-Xylenes
Concen: 38.022 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.2	163.3	244.9





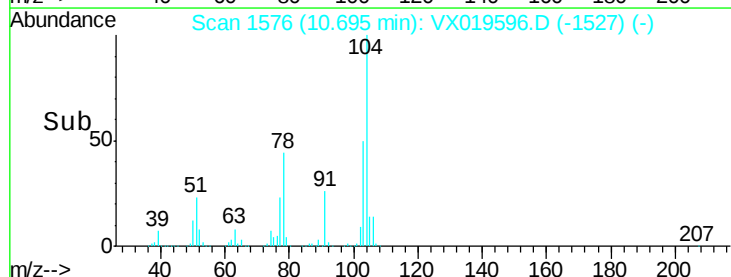
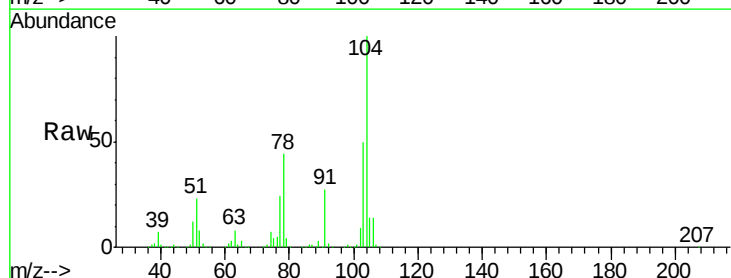
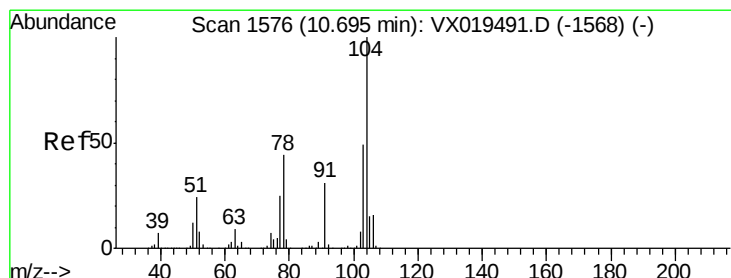
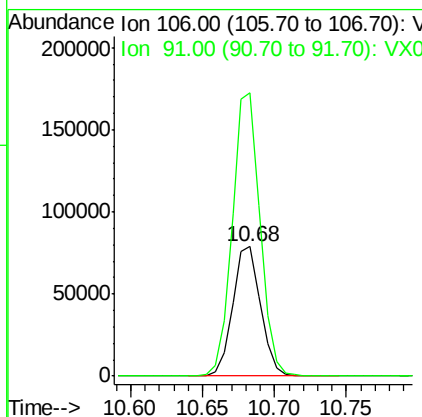
#69
o-Xylene
Concen: 18.841 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tot Ion	Ratio	Resp	Lower	Upper
106	100	106854		
91	218.2	108.0	324.0	

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

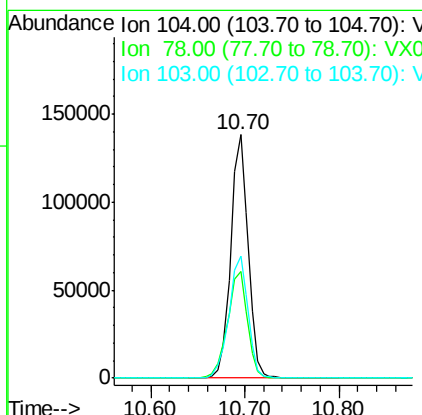
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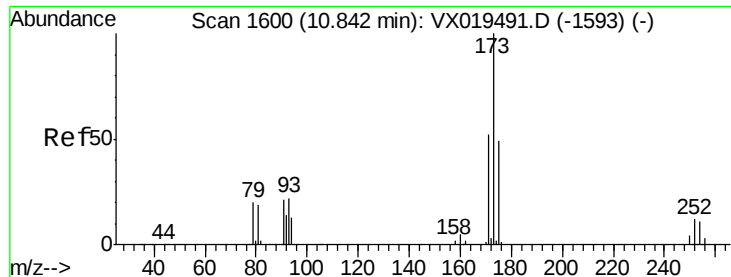
MMDadoda
11/25/2020 10:31:05 AM



#70
Styrene
Concen: 17.927 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	176742		
78	50.3	39.5	59.3	
103	55.5	43.6	65.4	





#71

Bromoform

Concen: 17.389 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion:173 Resp: 41612

Ion Ratio Lower Upper

173 100

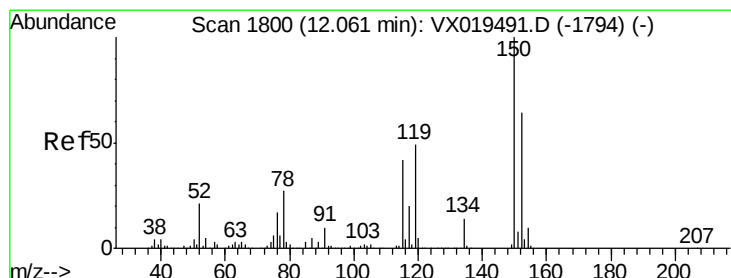
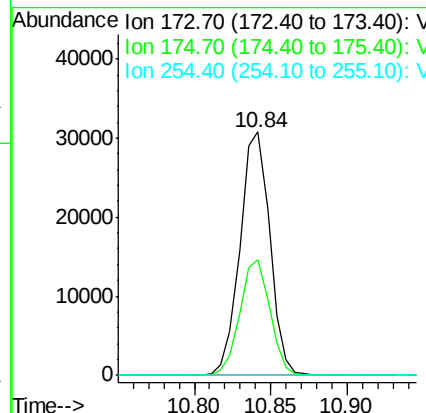
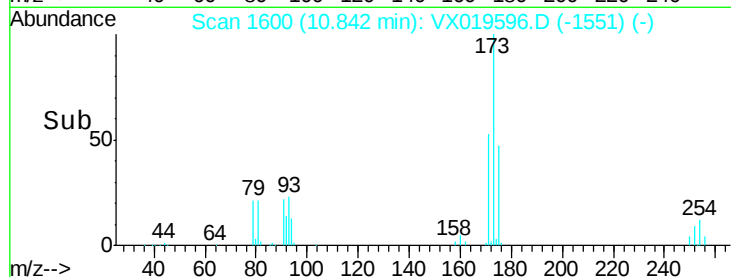
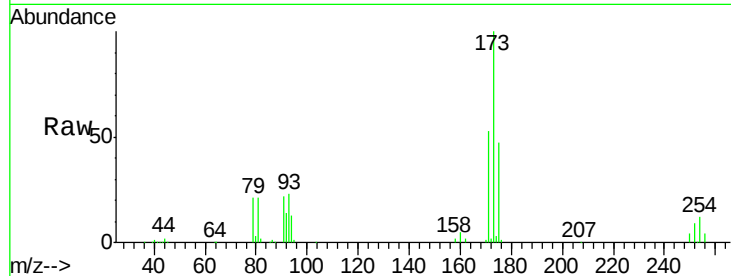
175 47.9 24.9 74.8

254 0.0 0.1 0.1#

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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: VX019596.D

Acq: 24 Nov 2020 11:26

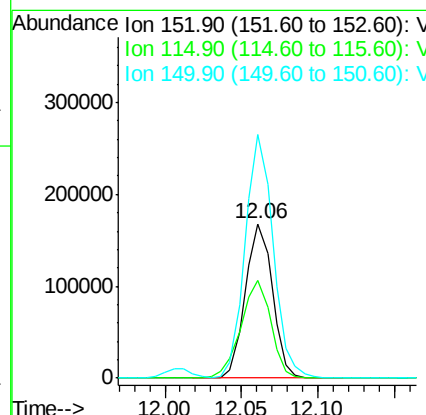
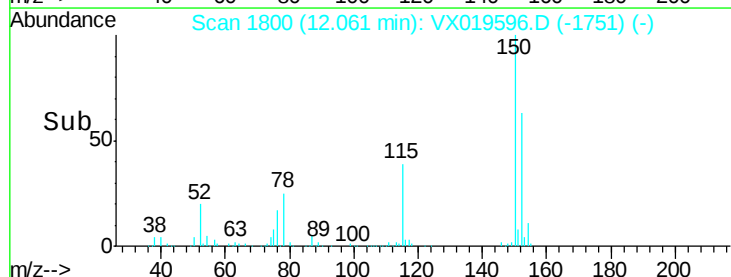
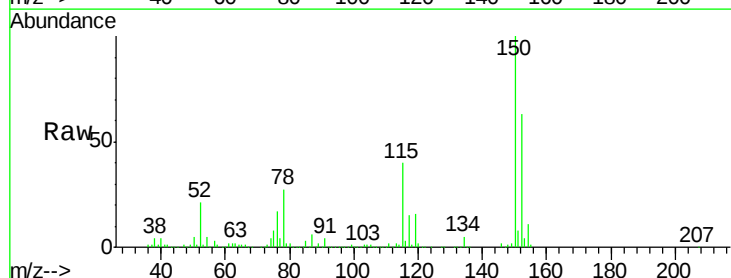
Tgt Ion:152 Resp: 206067

Ion Ratio Lower Upper

152 100

115 69.6 41.8 125.4

150 163.7 0.0 348.2





#73

Isopropylbenzene

Concen: 20.172 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion: 105 Resp: 287552

Ion Ratio Lower Upper

105 100

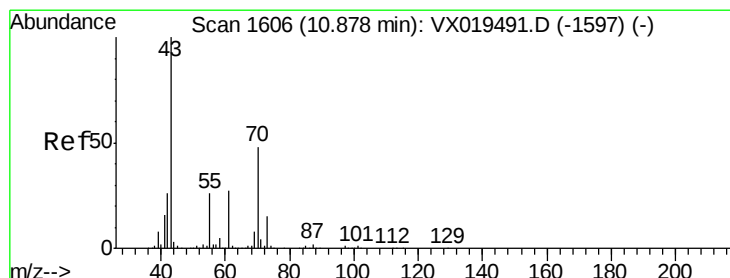
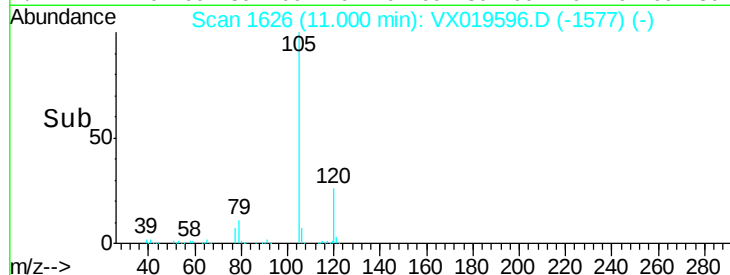
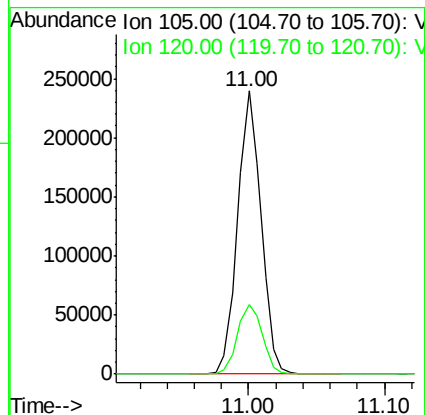
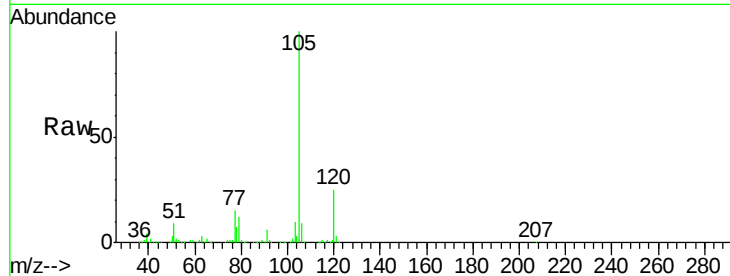
120 26.2 13.0 39.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.624 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Tgt Ion: 43 Resp: 104827

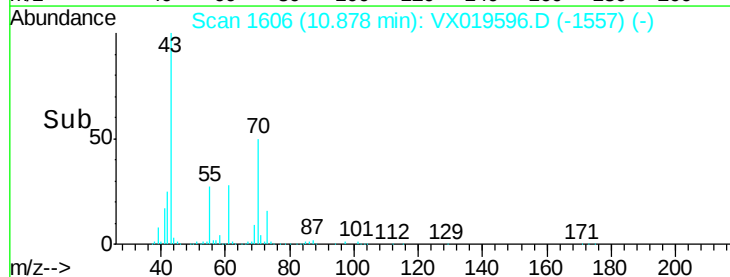
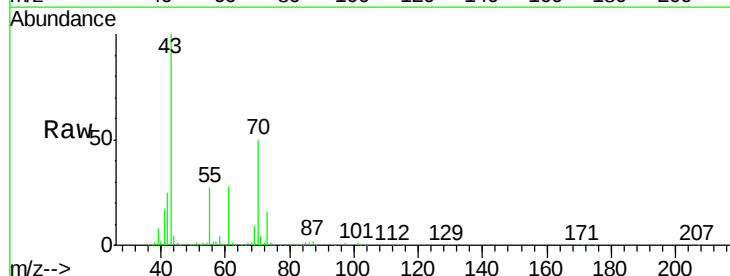
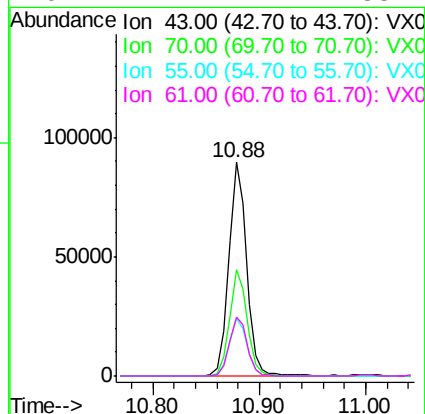
Ion Ratio Lower Upper

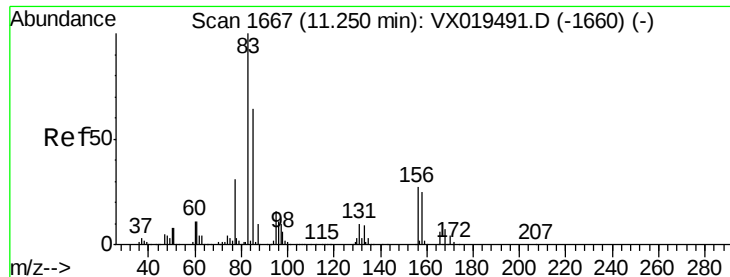
43 100

70 49.4 39.7 59.5

55 27.5 21.8 32.6

61 27.7 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.734 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

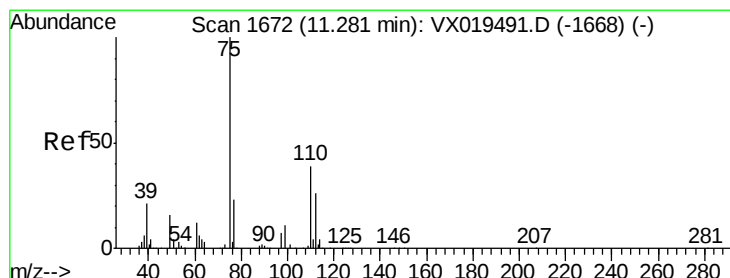
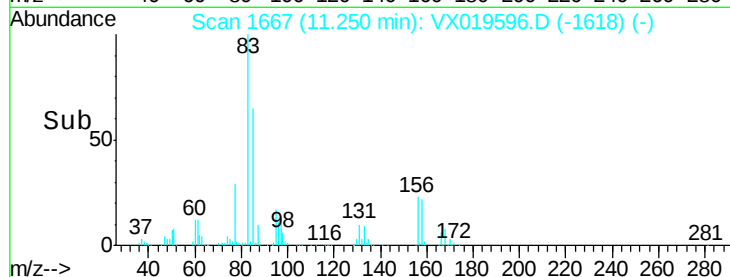
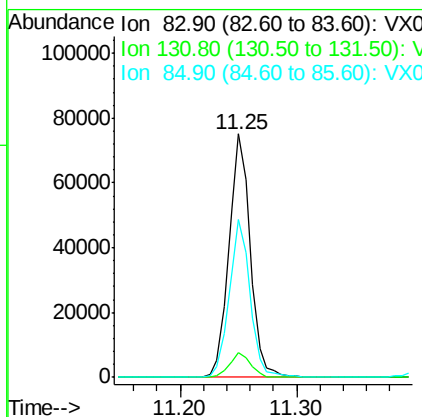
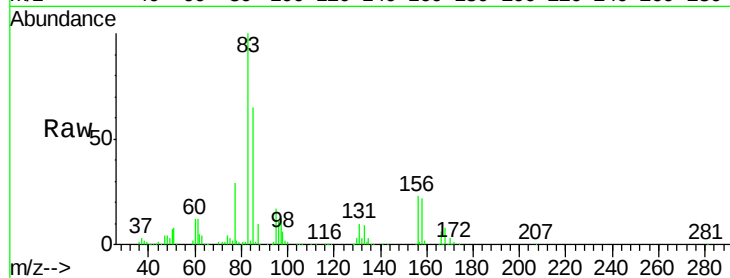
ClientSampleId :

VX1124WBS01

Tot Ion:	83	Resp:	95502
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	63.6	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.571 ug/l m

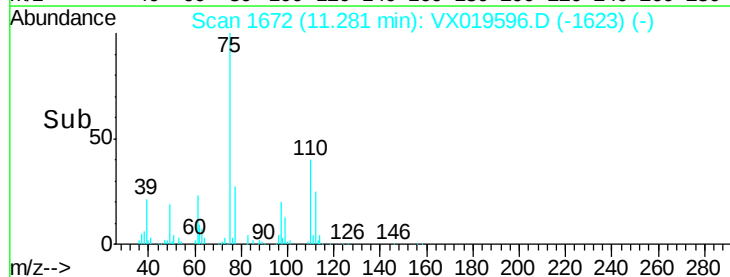
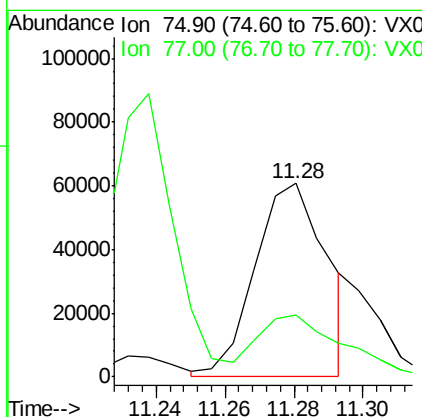
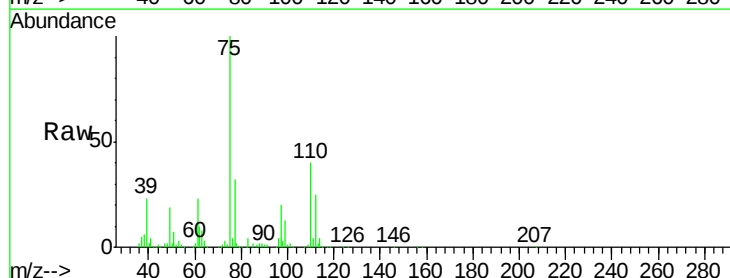
RT: 11.28 min Scan# 1672

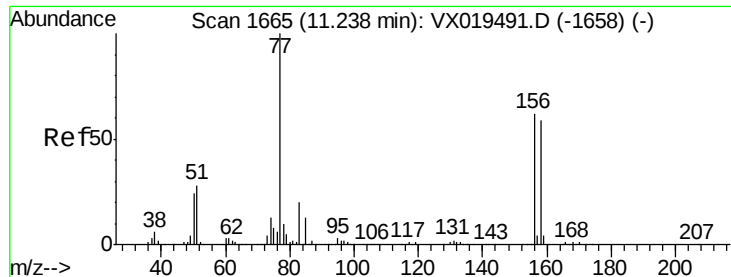
Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Tgt Ion:	75	Resp:	88011
Ion Ratio	Lower	Upper	
75	100		
77	37.4	20.0	60.0





#77

Bromobenzene

Concen: 19.324 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

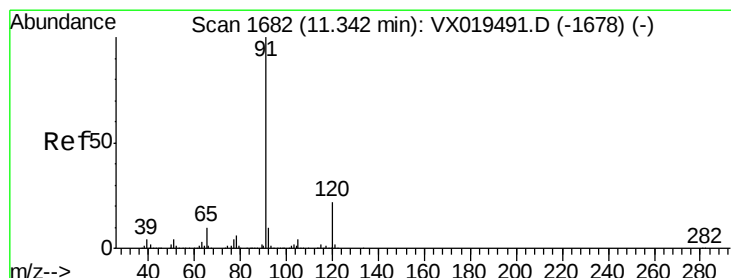
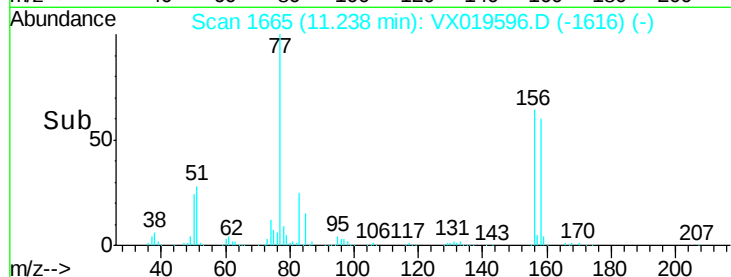
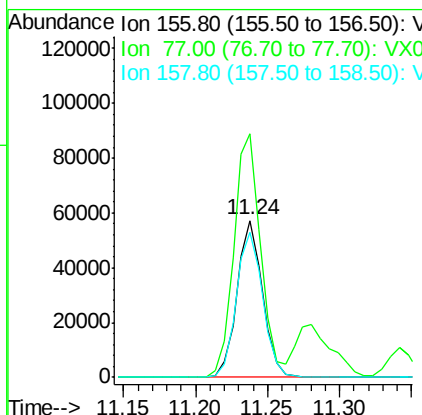
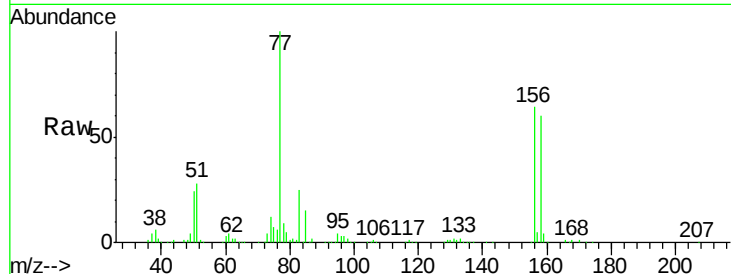
ClientSampleId :

VX1124WBS01

Tot Ion:	156	Resp:	70323
Ion Ratio	Lower	Upper	
156	100		
77	164.3	82.5	247.3
158	96.4	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 19.835 ug/l

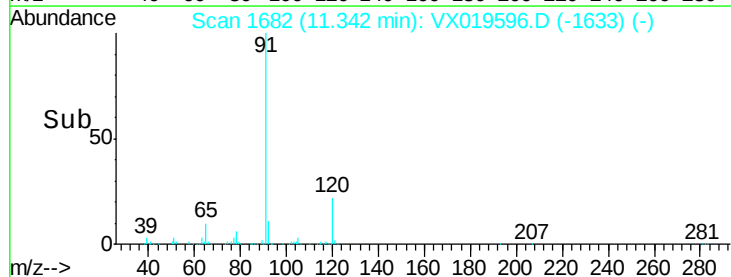
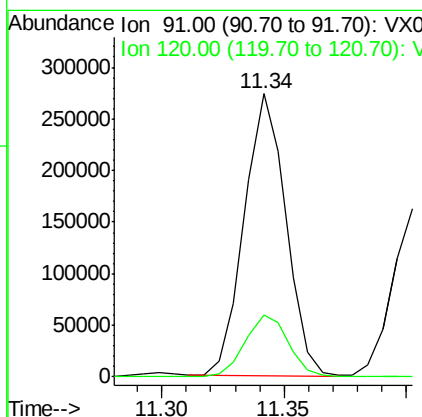
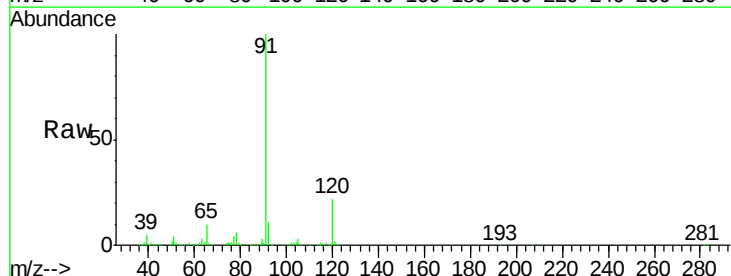
RT: 11.34 min Scan# 1682

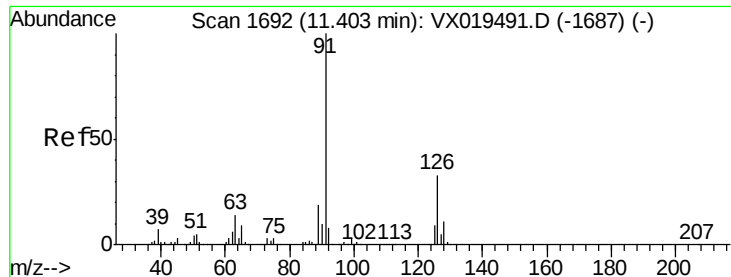
Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Tgt Ion:	91	Resp:	324374
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.677 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion: 91 Resp: 195150

Ion Ratio Lower Upper

91 100

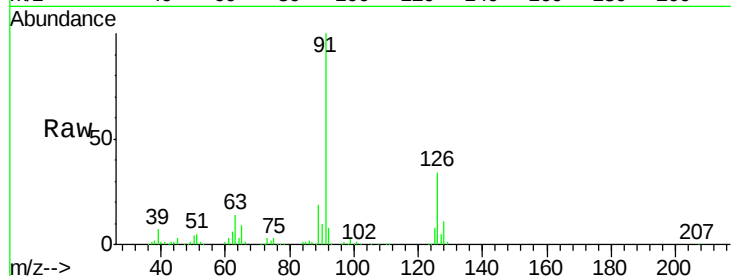
126 34.1 16.7 50.0

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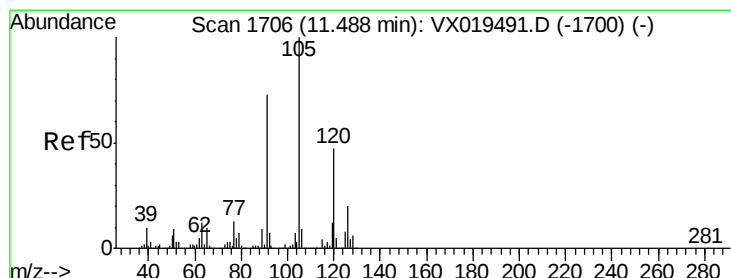
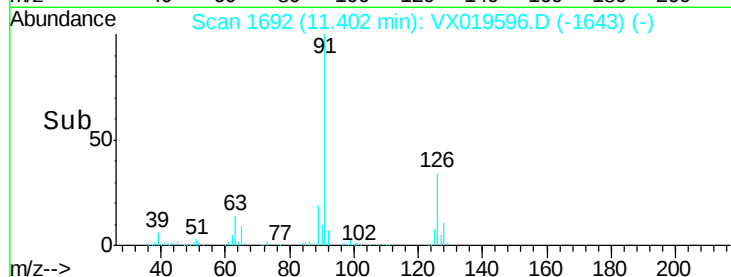
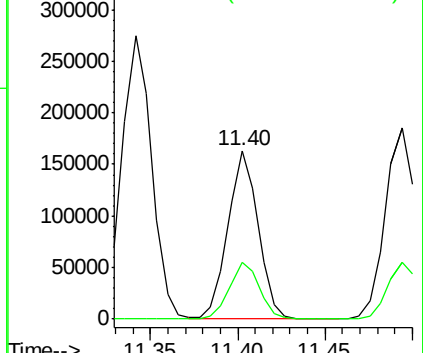
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.767 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019596.D

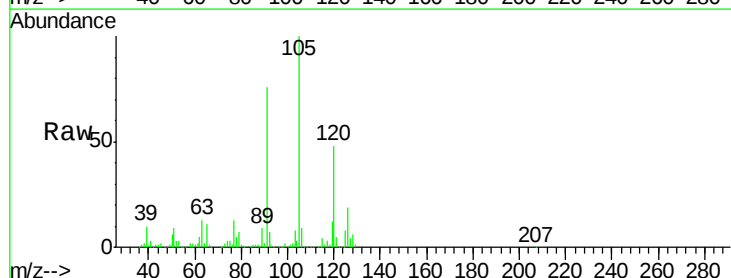
Acq: 24 Nov 2020 11:26

Tgt Ion: 105 Resp: 236379

Ion Ratio Lower Upper

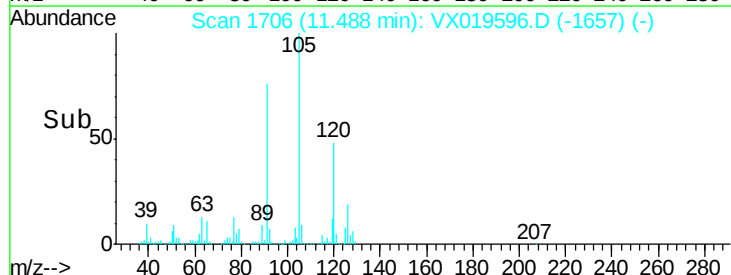
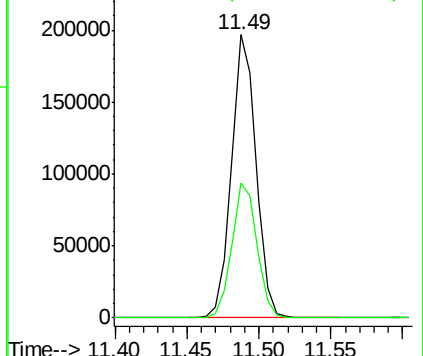
105 100

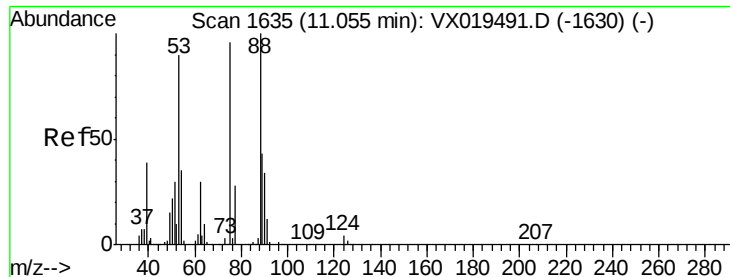
120 48.5 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.065 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019596.D

Acq: 24 Nov 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBS01

Tot Ion: 75 Resp: 26980

Ion Ratio Lower Upper

75 100

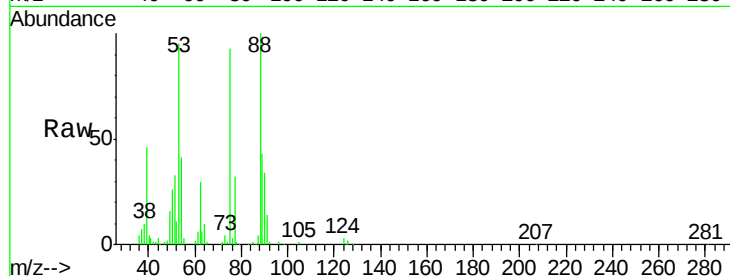
53 100.4 73.9 110.9

89 47.0 37.3 55.9

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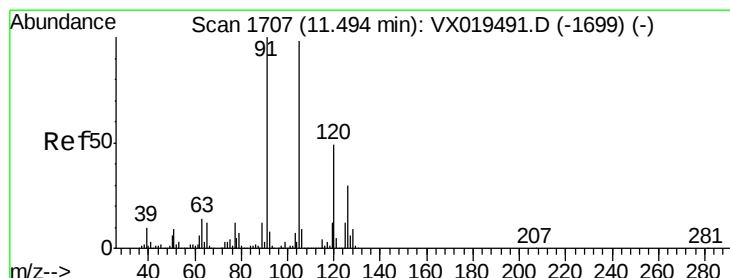
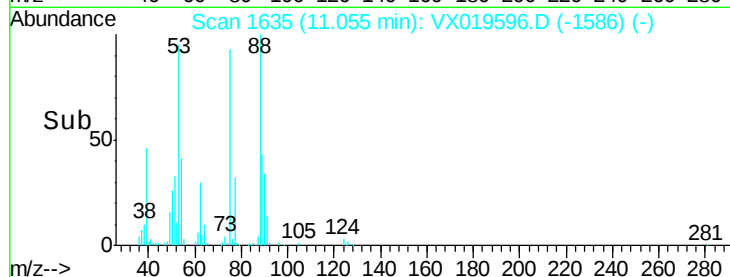
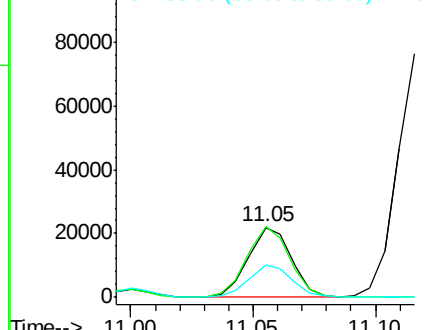
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.461 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019596.D

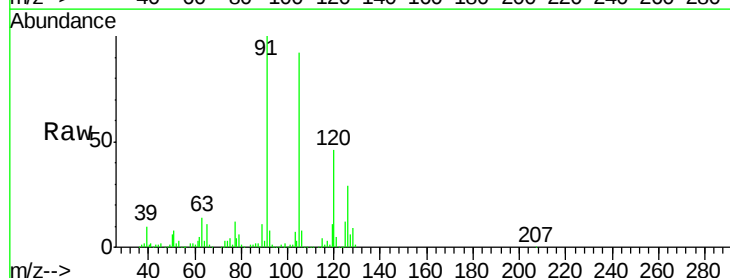
Acq: 24 Nov 2020 11:26

Tgt Ion: 91 Resp: 227213

Ion Ratio Lower Upper

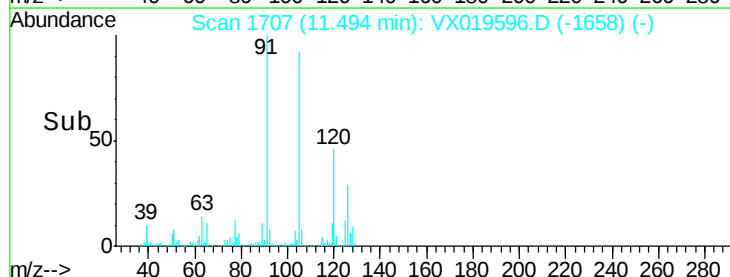
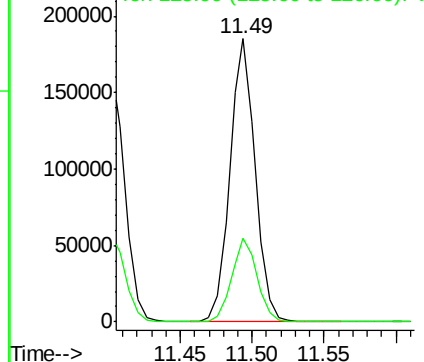
91 100

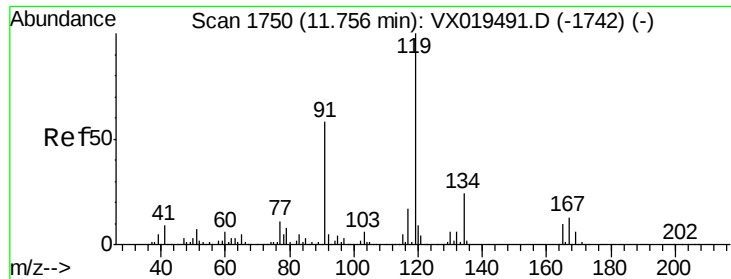
126 29.5 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





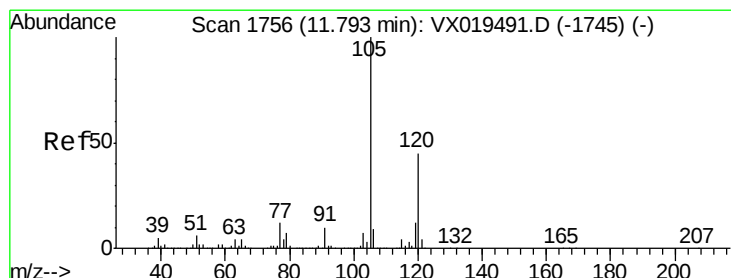
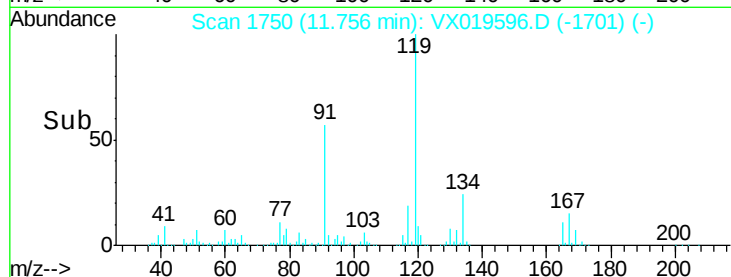
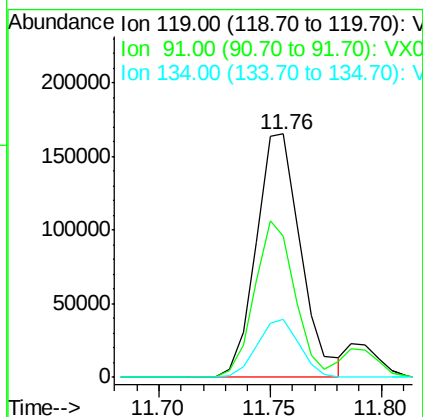
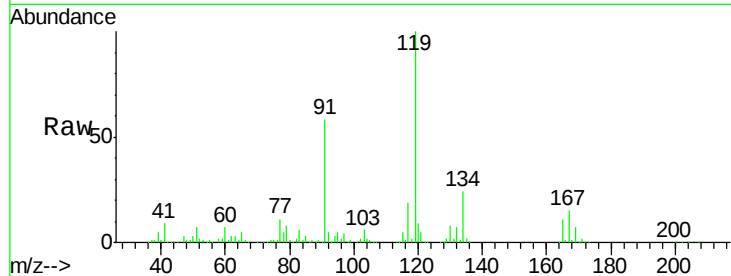
#83
tert-Butylbenzene
Concen: 19.953 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	230839		
91	57.8		28.9	86.8
134	22.6		11.7	35.0

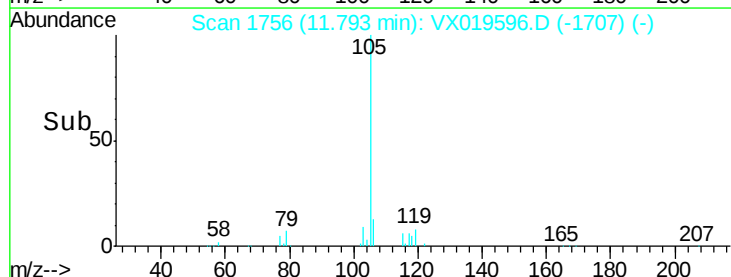
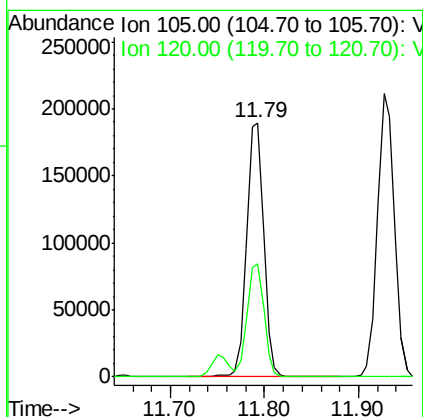
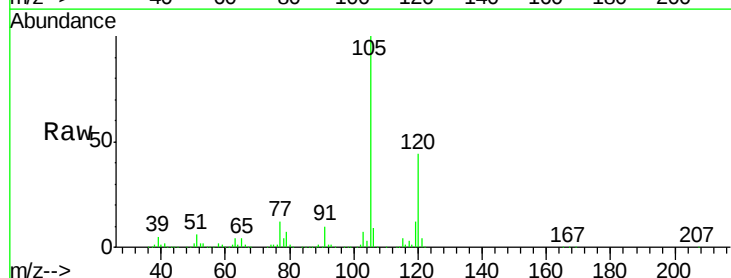
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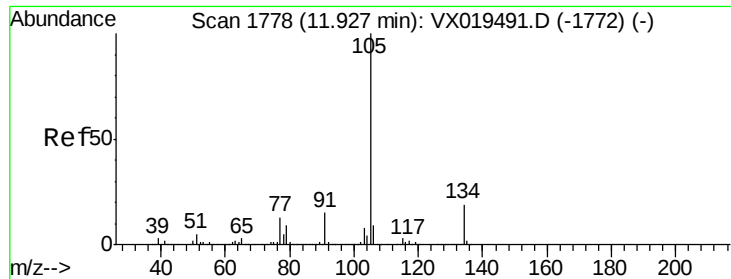
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#84
1,2,4-Trimethylbenzene
Concen: 19.810 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239692		
120	44.2		22.2	66.6





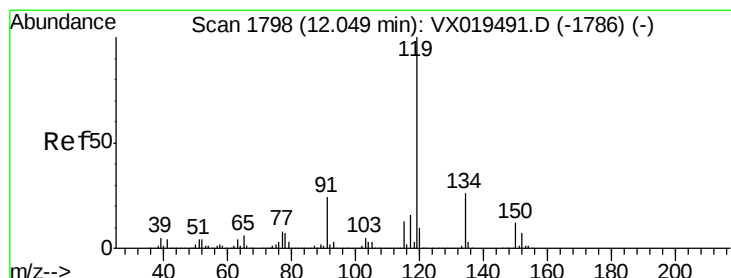
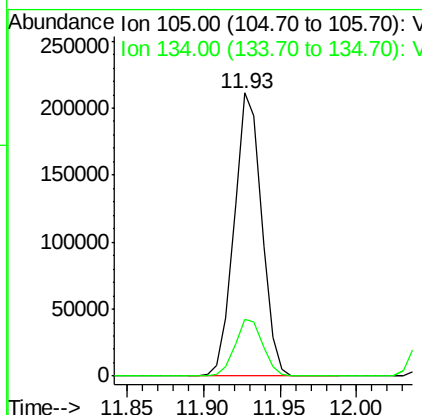
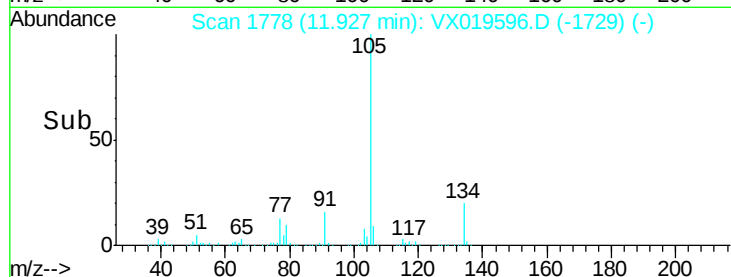
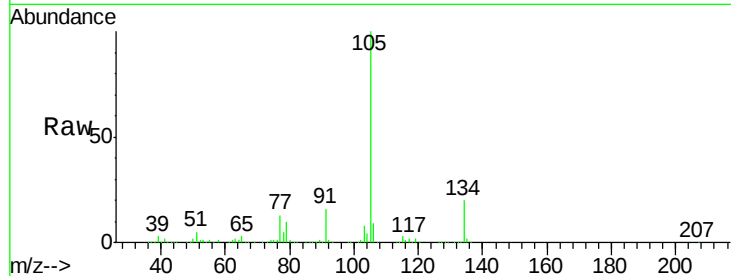
#85
 sec-Butylbenzene
 Concen: 19.064 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	262382		
134	20.3	10.1	30.3	

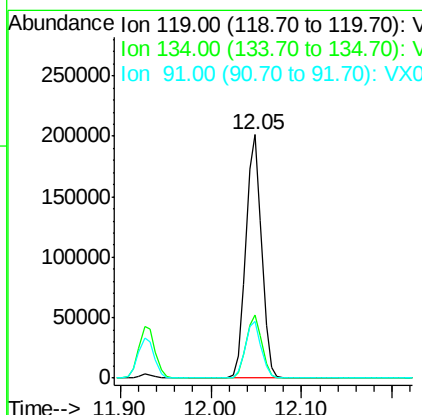
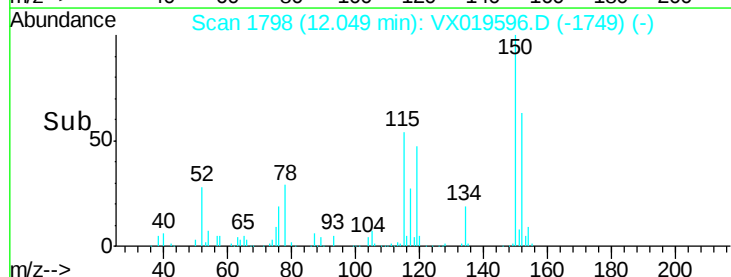
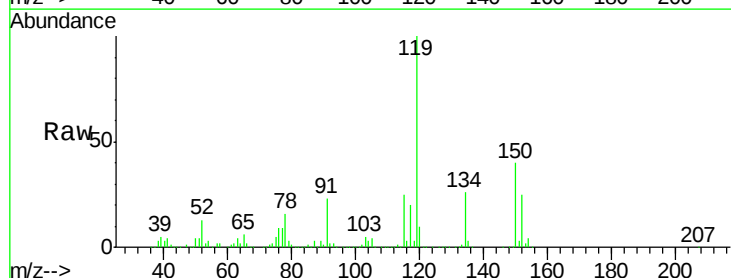
Manual Integrations
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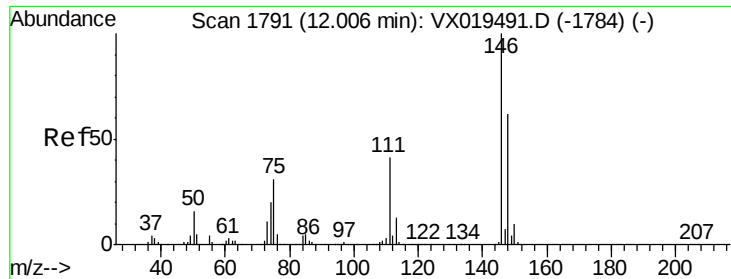
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 11/25/2020 10:31:05 AM



#86
 p-Isopropyltoluene
 Concen: 19.309 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	241292		
134	25.8	13.1	39.3	
91	23.5	11.8	35.4	





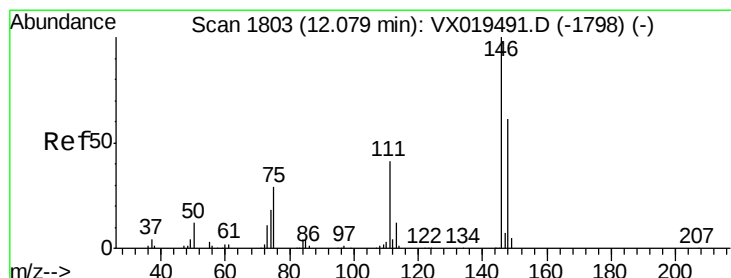
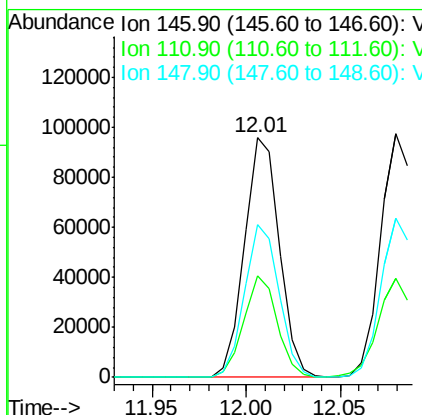
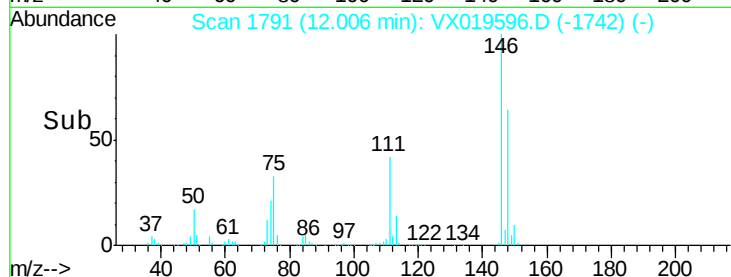
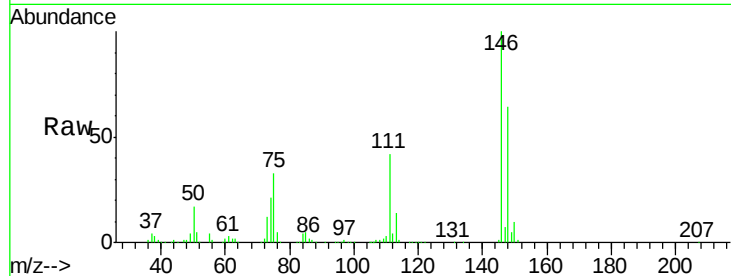
#87
 1,3-Dichlorobenzene
 Concen: 18.448 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	123293		
111	40.6	20.2	60.6	
148	62.9	31.4	94.2	

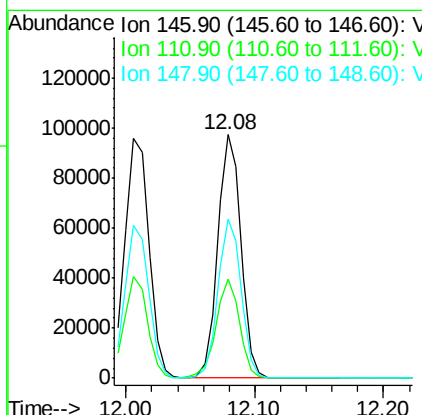
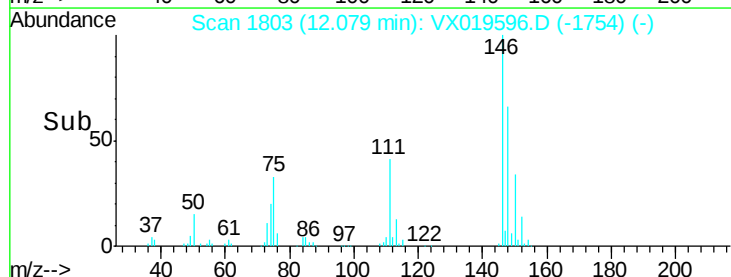
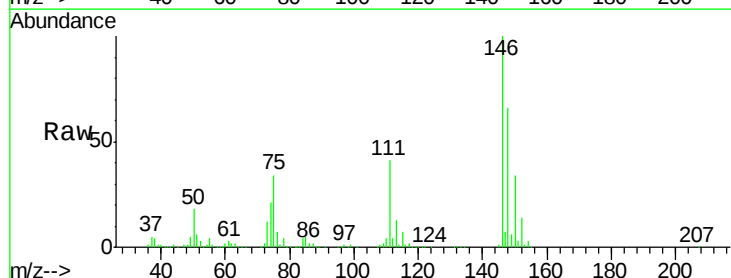
Manual Integrations
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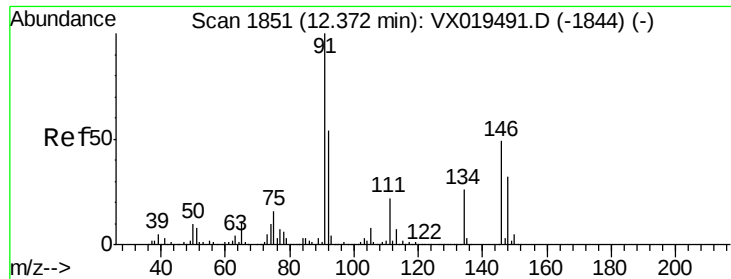
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#88
 1,4-Dichlorobenzene
 Concen: 18.002 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123927		
111	41.2	19.9	59.6	
148	65.1	31.7	95.1	





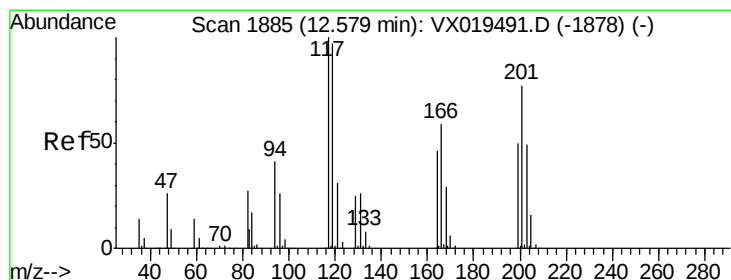
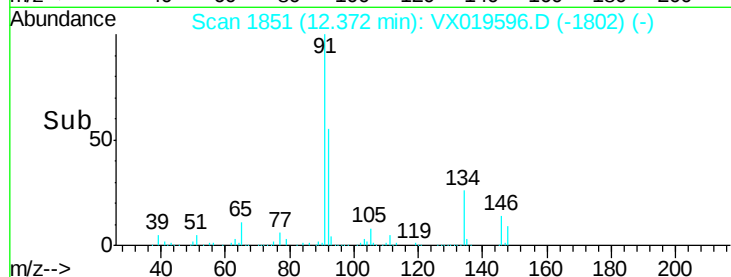
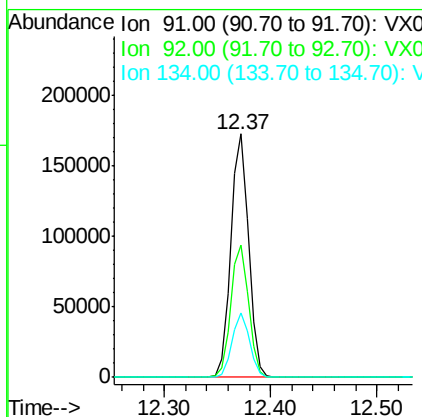
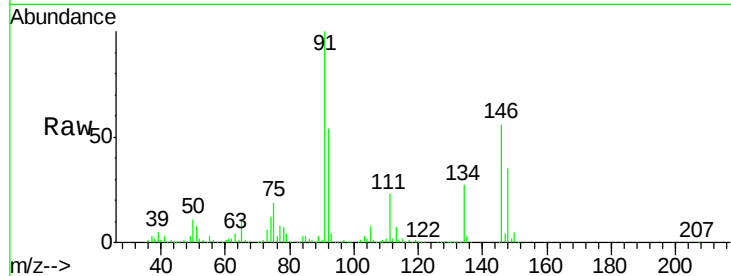
#89
n-Butylbenzene
Concen: 17.915 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.9	80.6
134	26.2	12.9	38.6

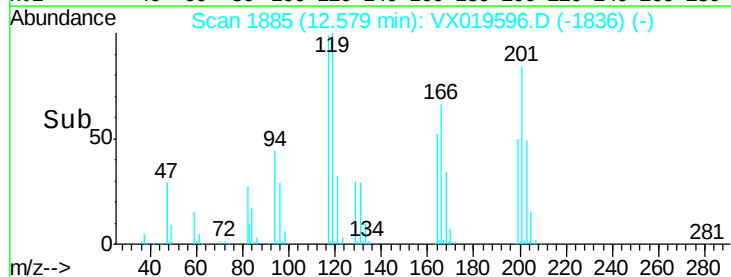
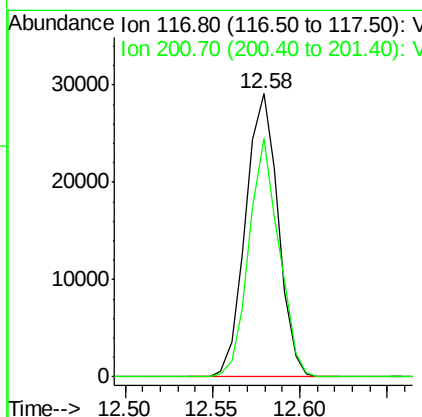
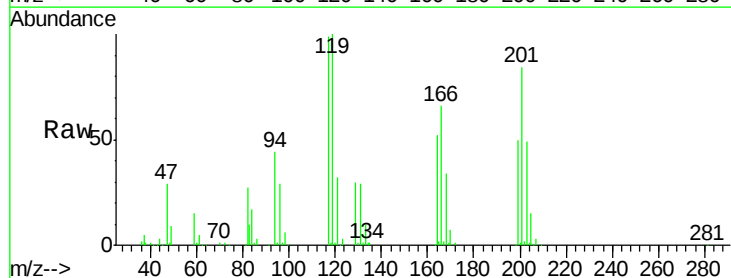
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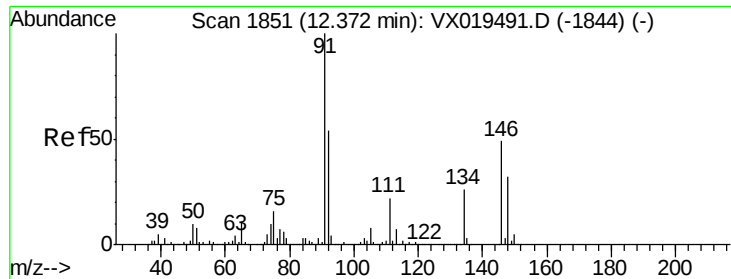
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#90
Hexachloroethane
Concen: 18.058 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.7	39.4	118.2





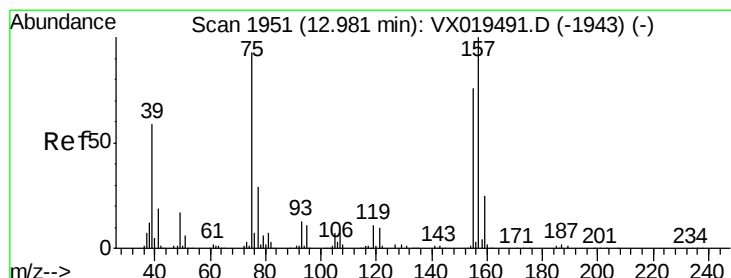
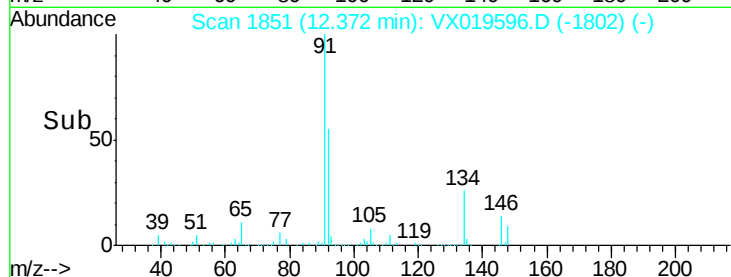
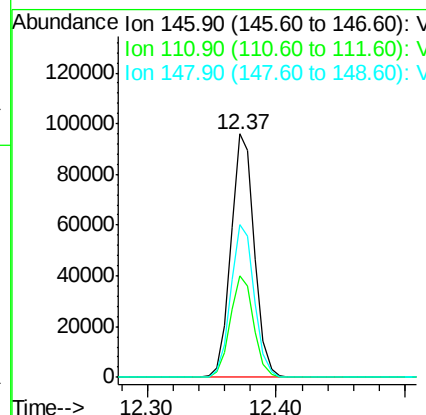
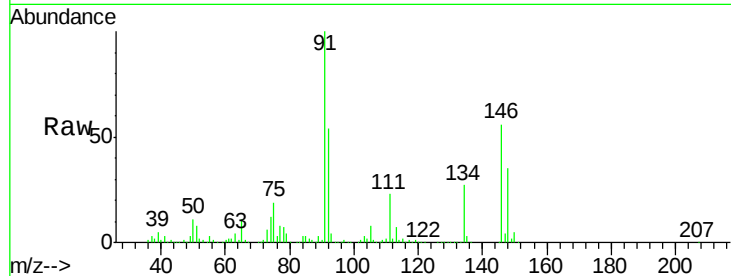
#91
 1,2-Dichlorobenzene
 Concen: 18.206 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.3
148	63.3	32.4	97.0

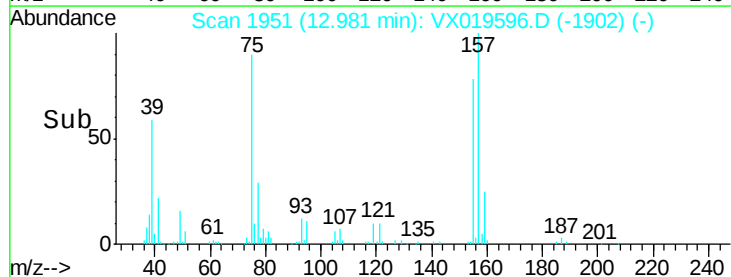
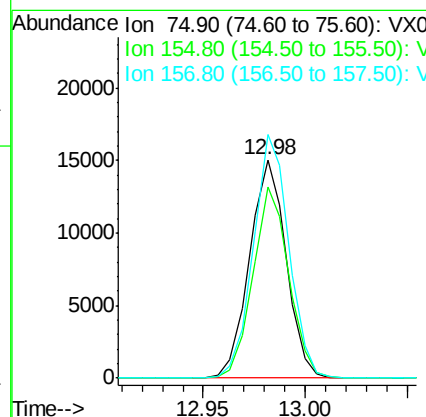
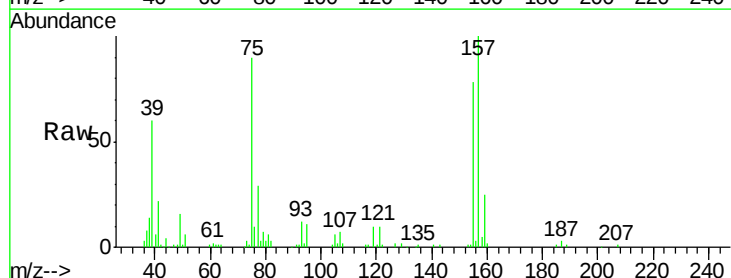
Manual Integrations
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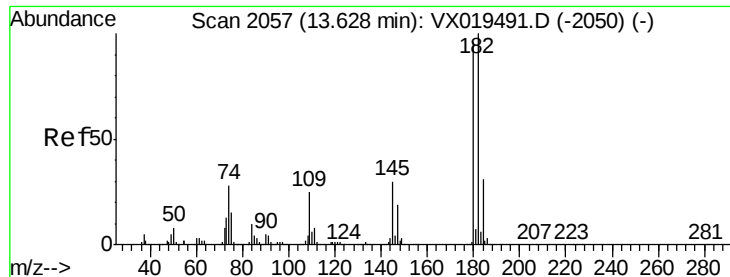
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.965 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019596.D
 Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	43.6	130.9
157	109.1	57.0	170.8





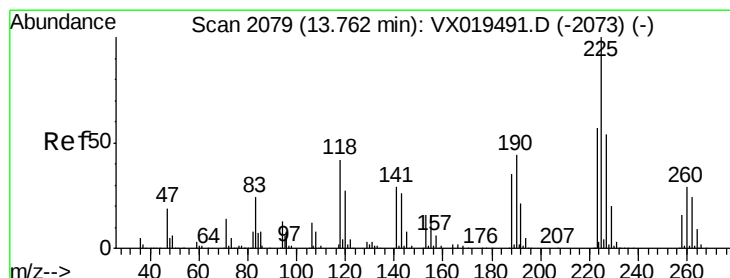
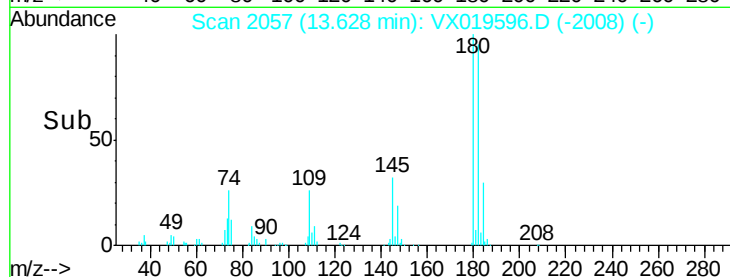
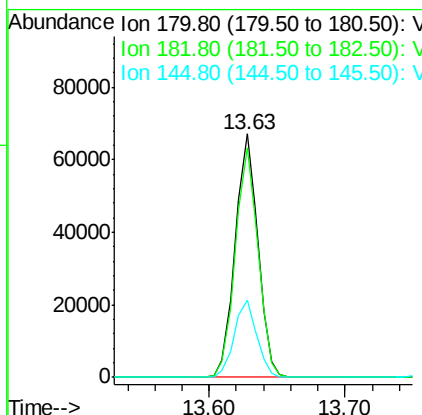
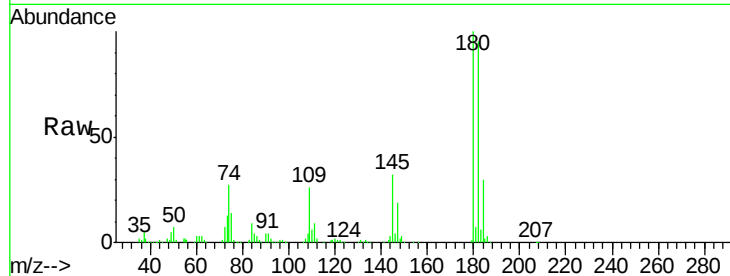
#93
1,2,4-Trichlorobenzene
Concen: 18.114 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	78063		
182	94.3	48.6	145.9	
145	31.4	15.9	47.7	

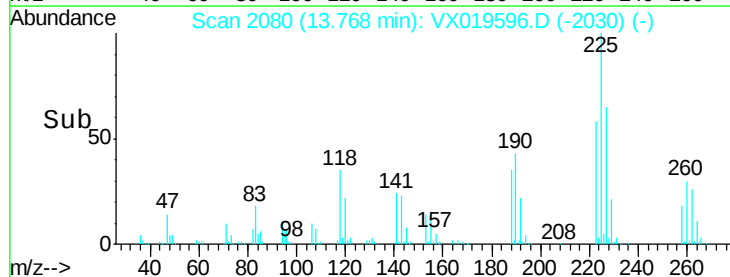
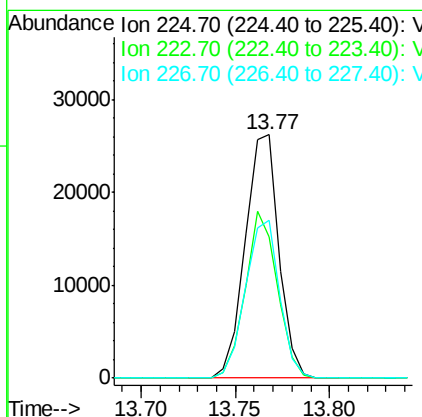
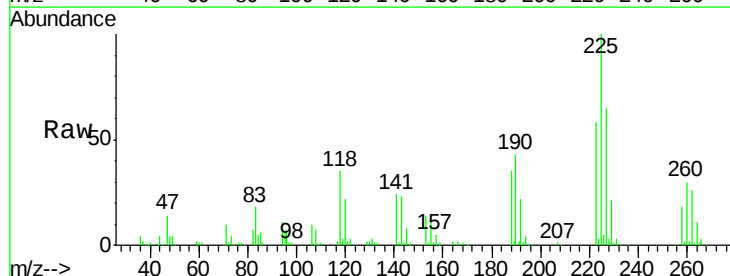
Manual Integrations
APPROVED

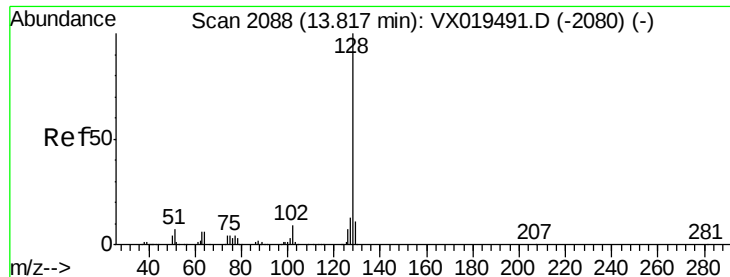
MMDadoda
11/25/2020 10:31:05 AM



#94
Hexachlorobutadiene
Concen: 16.571 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32532		
223	65.2	32.5	97.5	
227	65.4	32.8	98.3	





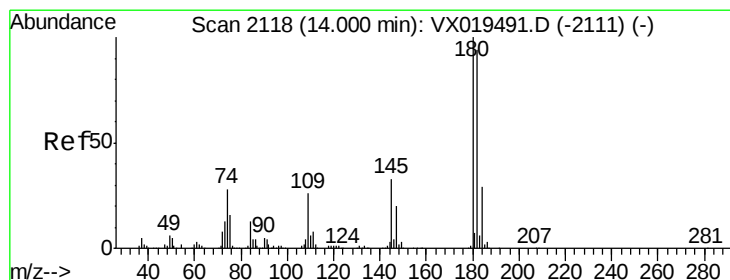
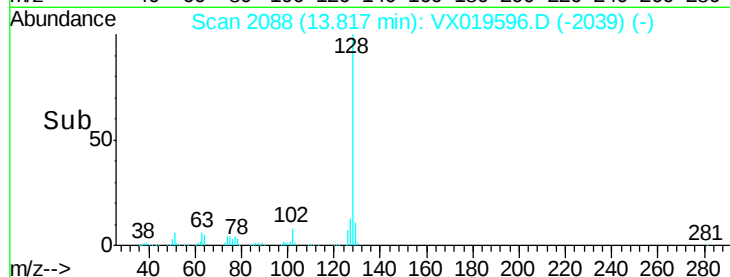
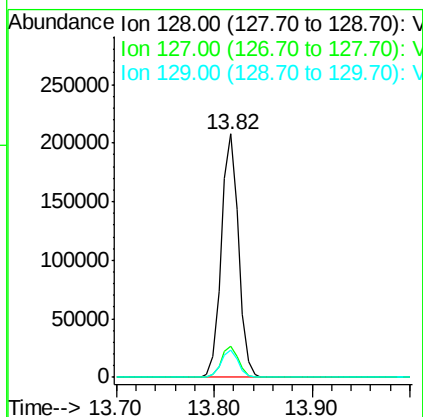
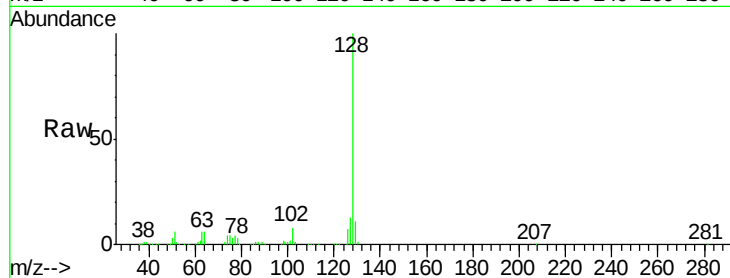
#95
Naphthalene
Concen: 18.024 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/25/2020 10:31:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.778 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019596.D
Acq: 24 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.3
145	33.2	16.6	49.8

