

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019543.D
 Acq On : 23 Nov 2020 12:16
 Operator : JC/MD
 Sample : VX1123WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX1123WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 2:59:28 PM

Quant Time: Nov 24 03:54:09 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	304110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	505413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	437052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184245	46.73	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.46%
35) Dibromofluoromethane	5.46	113	150093	47.31	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.62%
50) Toluene-d8	8.70	98	569412	46.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.38%
62) 4-Bromofluorobenzene	11.12	95	208855	47.09	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.18%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	53788	18.188	ug/l 99
3) Chloromethane	1.31	50	53459	15.753	ug/l 100
4) Vinyl Chloride	1.39	62	63491	17.380	ug/l 97
5) Bromomethane	1.62	94	20674	14.941	ug/l 98
6) Chloroethane	1.68	64	15507	14.412	ug/l 99
7) Trichlorofluoromethane	1.89	101	95022	18.022	ug/l 97
8) Diethyl Ether	2.17	74	38937	18.439	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.35	101	54101	18.392	ug/l 99
10) Methyl Iodide	2.48	142	60755	15.722	ug/l 100
11) Tert butyl alcohol	3.04	59	75113	100.658	ug/l 99
12) 1,1-Dichloroethene	2.34	96	54819	18.157	ug/l 95
13) Acrolein	2.28	56	34834	69.445	ug/l 99
14) Allyl chloride	2.70	41	82818	17.510	ug/l 99
15) Acrylonitrile	3.12	53	158634	90.140	ug/l 99
16) Acetone	2.43	43	137885	90.426	ug/l 98
17) Carbon Disulfide	2.54	76	135132	16.660	ug/l 99
18) Methyl Acetate	2.75	43	67329	18.414	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	199891	19.180	ug/l 98
20) Methylene Chloride	2.82	84	64145	16.831	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	62162	18.172	ug/l 99
22) Diisopropyl ether	3.82	45	177897	18.182	ug/l 96
23) Vinyl Acetate	3.78	43	771680	94.026	ug/l 100
24) 1,1-Dichloroethane	3.66	63	107605	17.980	ug/l 100
25) 2-Butanone	4.64	43	209778	91.582	ug/l 99
26) 2,2-Dichloropropane	4.54	77	96344	18.443	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	72108	18.351	ug/l 96
28) Bromochloromethane	4.97	49	48216	16.851	ug/l 97
29) Tetrahydrofuran	5.09	42	131443	89.936	ug/l 98
30) Chloroform	5.17	83	113121	18.077	ug/l 99
31) Cyclohexane	5.54	56	92175	17.973	ug/l 97
32) 1,1,1-Trichloroethane	5.45	97	100795	18.751	ug/l 99
36) 1,1-Dichloropropene	5.76	75	83727	17.670	ug/l 98
37) Ethyl Acetate	4.79	43	81458	18.312	ug/l 99
38) Carbon Tetrachloride	5.74	117	84193	18.358	ug/l 98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Nov 24 03:54:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	97159	17.611	ug/l	98
40) Benzene	6.10	78	256943	17.649	ug/l	99
41) Methacrylonitrile	5.00	41	43539	17.750	ug/l	98
42) 1,2-Dichloroethane	6.15	62	90419	18.120	ug/l	99
43) Isopropyl Acetate	6.41	43	133844	17.900	ug/l	99
44) Trichloroethene	7.18	130	68748	18.028	ug/l	95
45) 1,2-Dichloropropane	7.48	63	63859	17.818	ug/l	98
46) Dibromomethane	7.63	93	43823	17.865	ug/l	99
47) Bromodichloromethane	7.87	83	85526	17.968	ug/l	98
48) Methyl methacrylate	7.74	41	63984	18.271	ug/l	99
49) 1,4-Dioxane	7.72	88	31206	392.469	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	399954	91.725	ug/l	99
52) Toluene	8.76	92	161850	18.173	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	94229	18.330	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	104851	18.379	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	65682	18.109	ug/l	96
56) Ethyl methacrylate	9.16	69	95515	18.610	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107985	17.782	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	250725	83.371	ug/l	98
59) 2-Hexanone	9.47	43	306151	92.577	ug/l	99
60) Dibromochloromethane	9.56	129	64661	18.200	ug/l	98
61) 1,2-Dibromoethane	9.65	107	67150	17.961	ug/l	98
64) Tetrachloroethene	9.32	164	60015	17.469	ug/l	92
65) Chlorobenzene	10.12	112	166528	18.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	62223	19.037	ug/l	98
67) Ethyl Benzene	10.23	91	297223	18.881	ug/l	99
68) m/p-Xylenes	10.34	106	222819	37.992	ug/l	100
69) o-Xylene	10.68	106	107234	19.127	ug/l	100
70) Styrene	10.70	104	178527	18.282	ug/l	99
71) Bromoform	10.84	173	46145	19.068	ug/l #	97
73) Isopropylbenzene	11.00	105	287250	19.690	ug/l	100
74) N-amyl acetate	10.88	43	112782	20.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	99357	19.045	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	90919m	19.756	ug/l	
77) Bromobenzene	11.24	156	70904	19.039	ug/l	99
78) n-propylbenzene	11.34	91	320172	19.131	ug/l	99
79) 2-Chlorotoluene	11.40	91	196325	19.343	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	238600	19.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	30878	20.821	ug/l	98
82) 4-Chlorotoluene	11.49	91	228937	19.161	ug/l	100
83) tert-Butylbenzene	11.76	119	233889	19.755	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	245949	19.863	ug/l	100
85) sec-Butylbenzene	11.93	105	268050	19.031	ug/l	99
86) p-Isopropyltoluene	12.05	119	247396	19.346	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	127894	18.699	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	129636	18.401	ug/l	97
89) n-Butylbenzene	12.37	91	210257	18.186	ug/l	100
90) Hexachloroethane	12.58	117	39186	18.312	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	127105	18.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21510	20.210	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	81850	18.559	ug/l	99
94) Hexachlorobutadiene	13.76	225	32622	16.238	ug/l	98
95) Naphthalene	13.82	128	280202	19.407	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	79837	18.098	ug/l	99

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

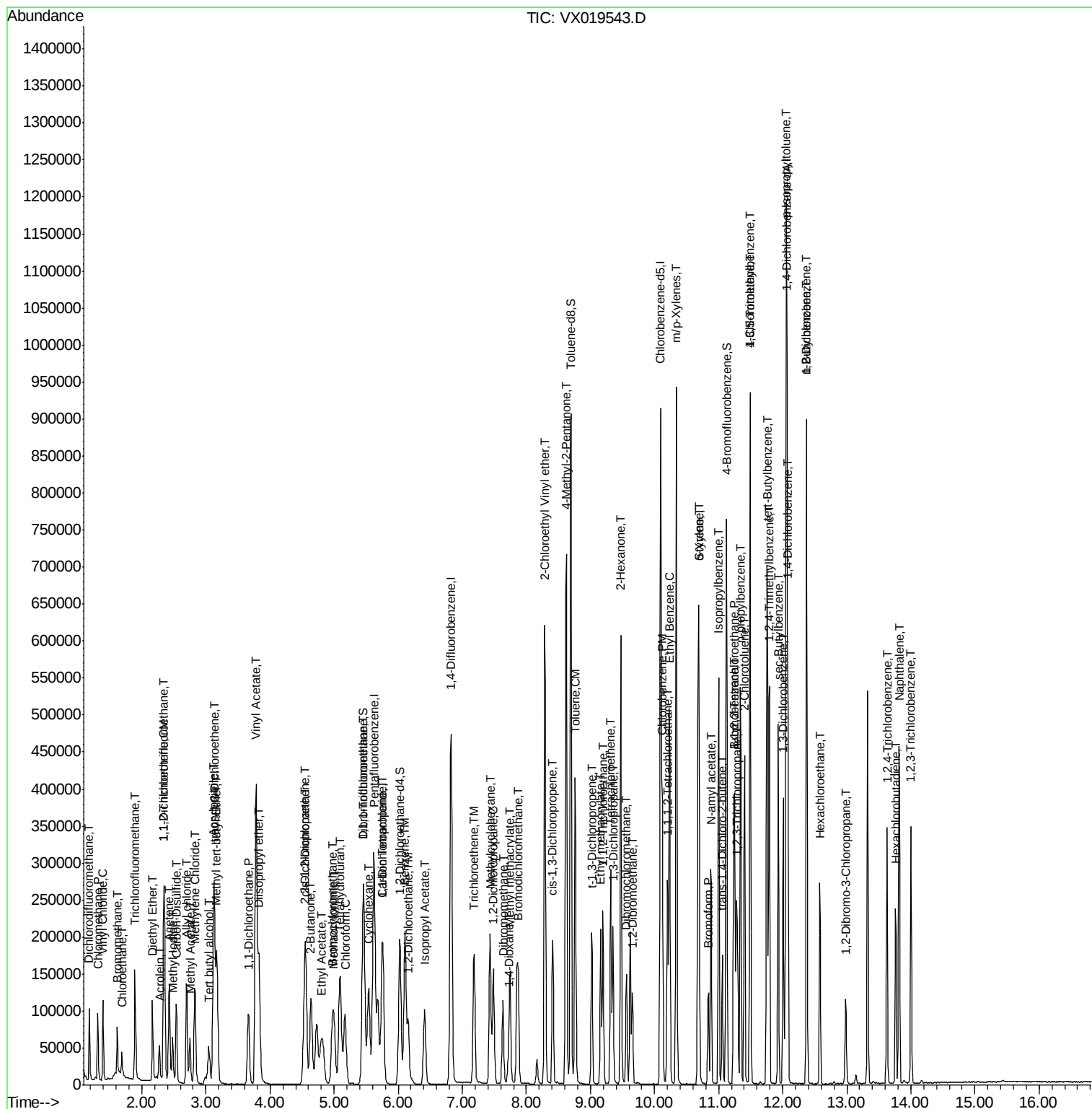
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Data File : VX019543.D
Acq On : 23 Nov 2020 12:16
Operator : JC/MD
Sample : VX1123WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

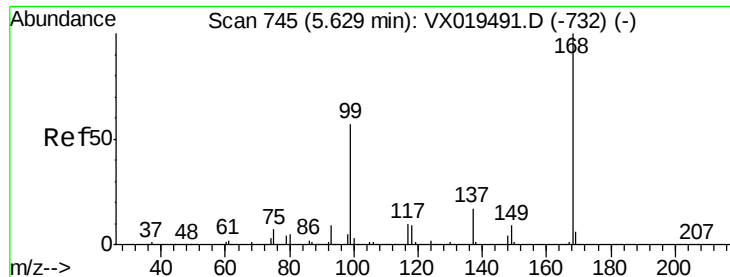
Instrument :
MSVOA_X
Client Sample ID :
VX1123WBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

Tot Ion:168 Resp: 304110

Ion Ratio Lower Upper

168 100

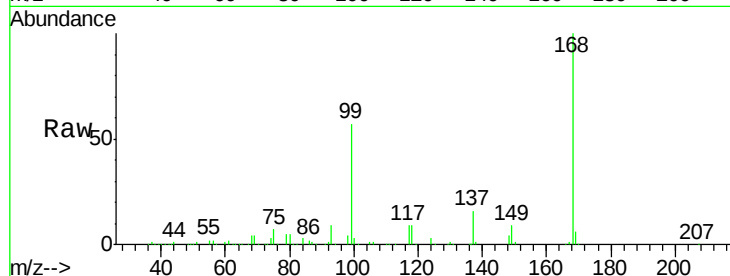
99 57.3 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

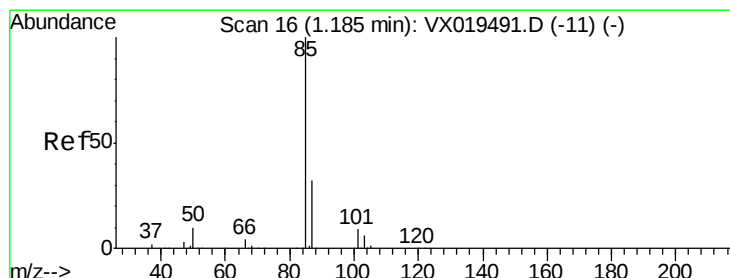
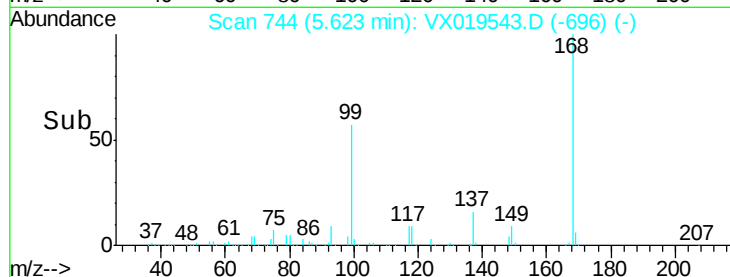
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.188 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX019543.D

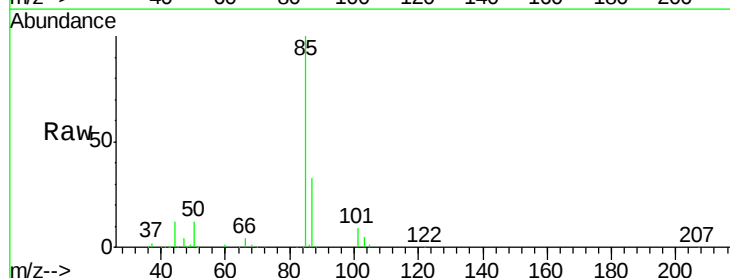
Acq: 23 Nov 2020 12:16

Tgt Ion: 85 Resp: 53788

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

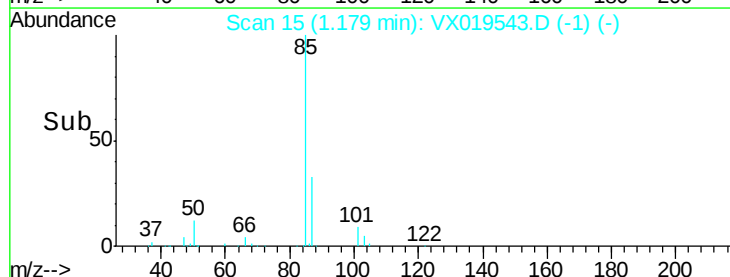
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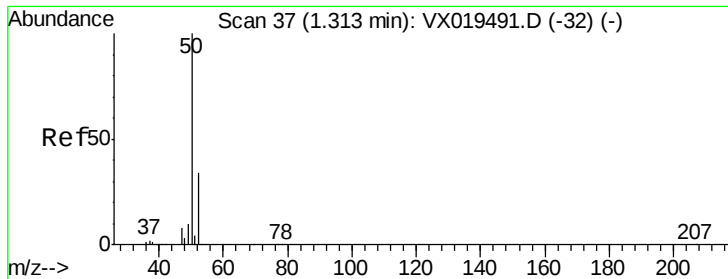
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10000

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Time-->





#3

Chloromethane

Concen: 15.753 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

Tot Ion: 50 Resp: 53459

Ion Ratio Lower Upper

50 100

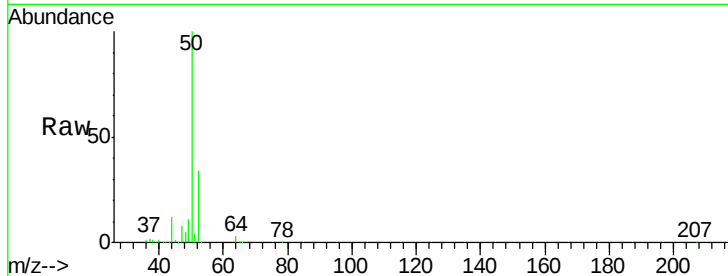
52 33.7 27.0 40.6

Manual Integrations

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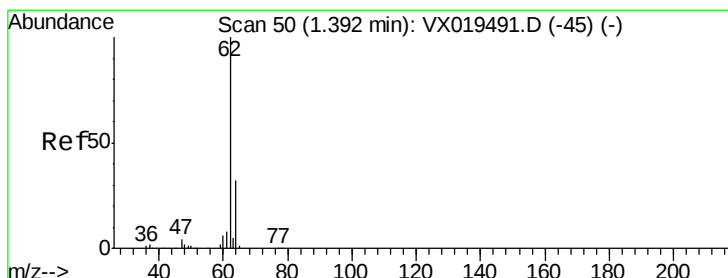
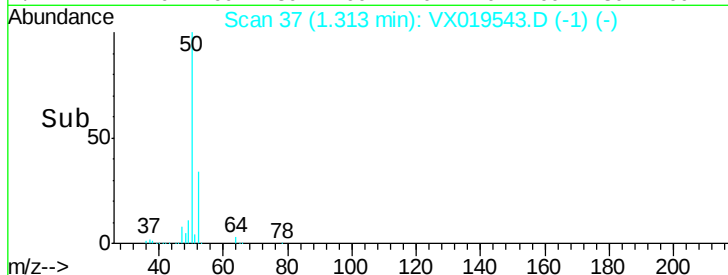
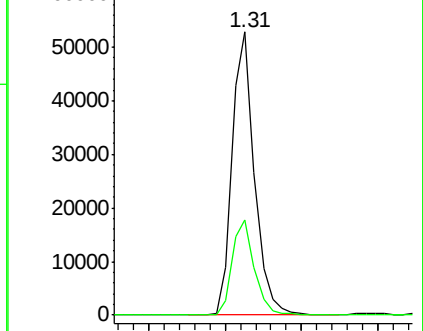
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.380 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019543.D

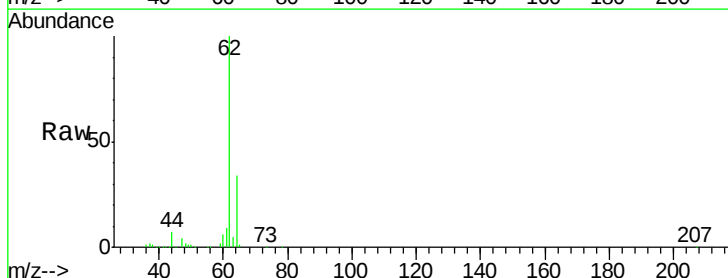
Acq: 23 Nov 2020 12:16

Tgt Ion: 62 Resp: 63491

Ion Ratio Lower Upper

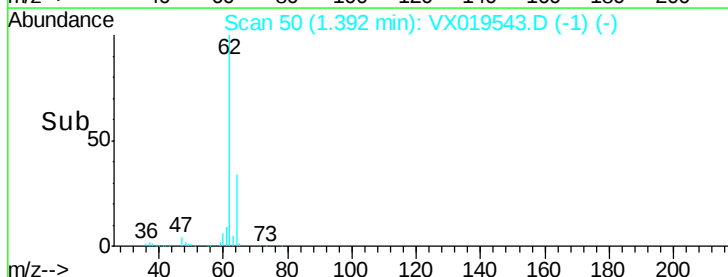
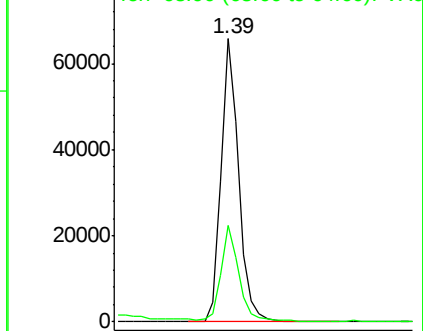
62 100

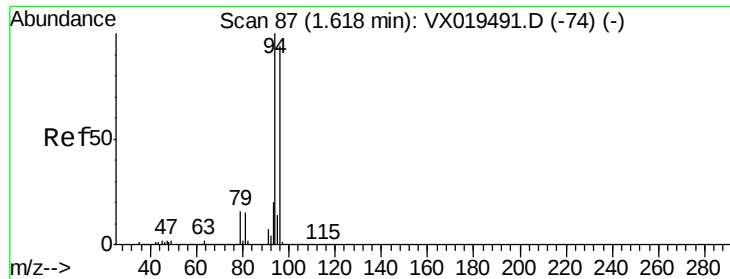
64 33.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.941 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

Tot Ion: 94 Resp: 20674

Ion Ratio Lower Upper

94 100

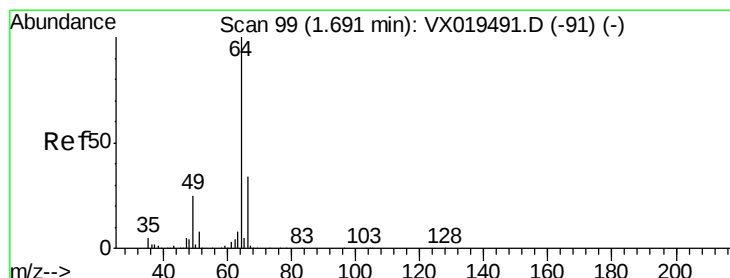
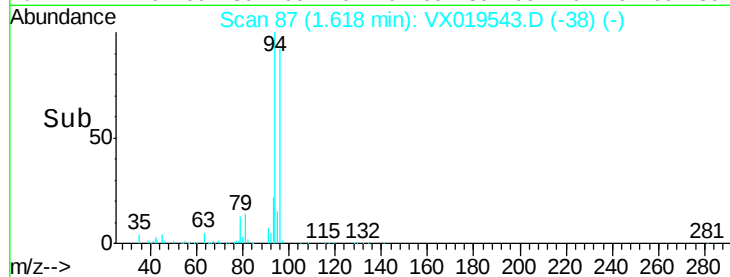
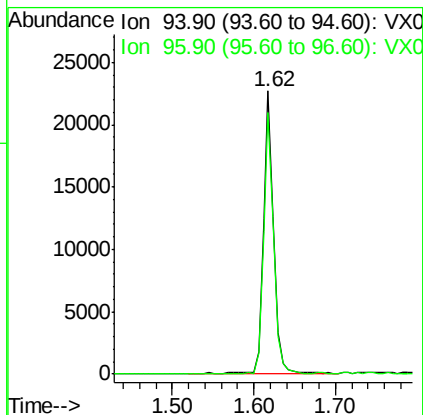
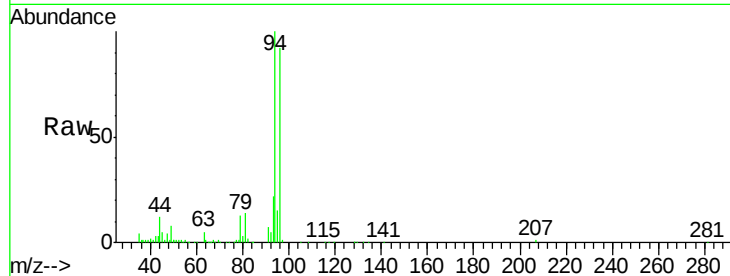
96 92.4 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 14.412 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019543.D

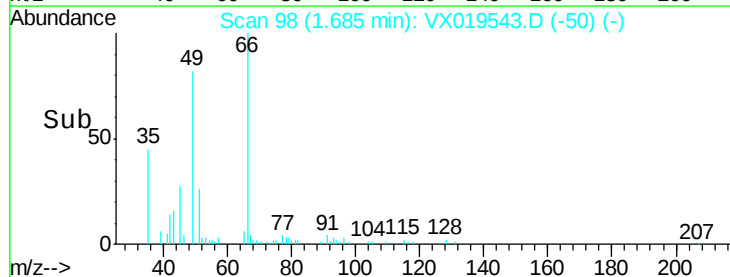
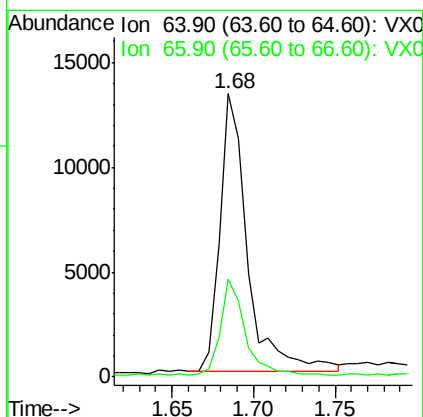
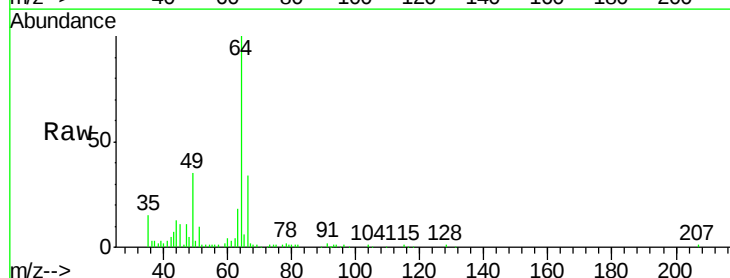
Acq: 23 Nov 2020 12:16

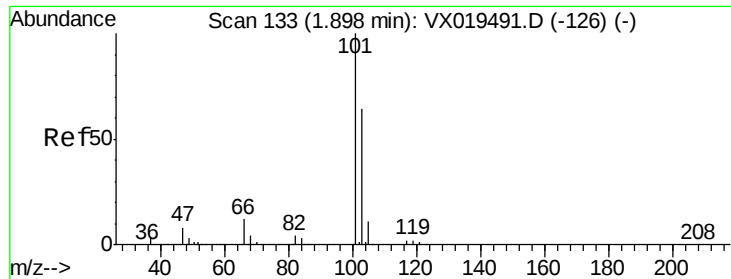
Tgt Ion: 64 Resp: 15507

Ion Ratio Lower Upper

64 100

66 34.6 27.1 40.7





#7

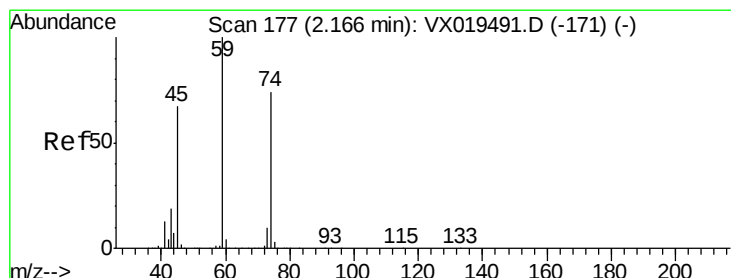
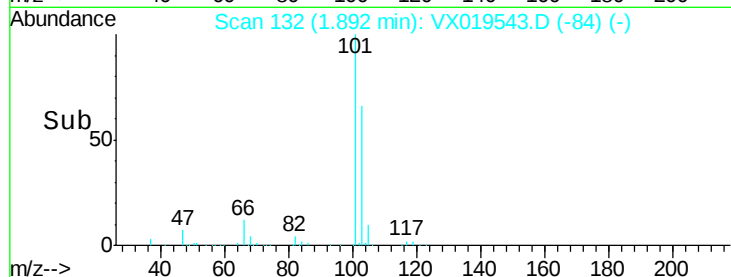
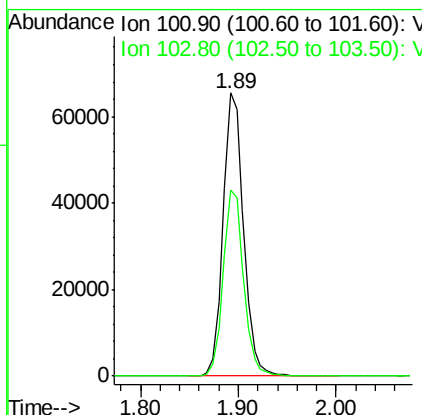
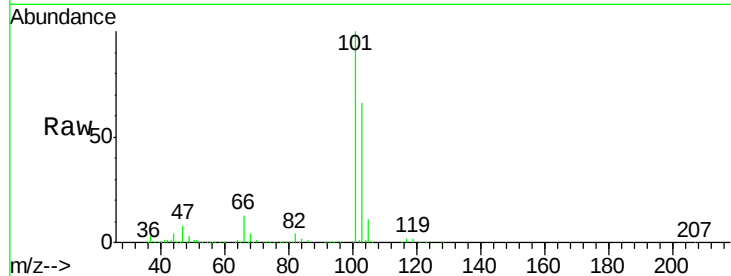
Trichlorofluoromethane
 Concen: 18.022 ug/l
 RT: 1.89 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	50.9	76.3

Manual Integrations
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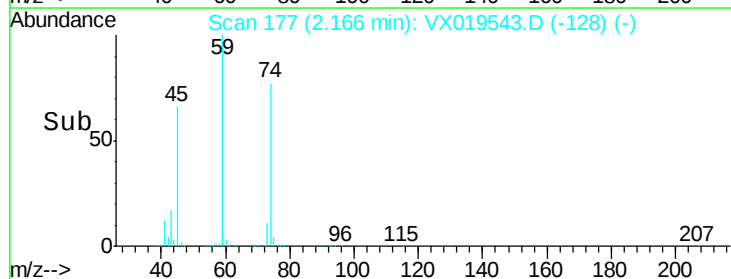
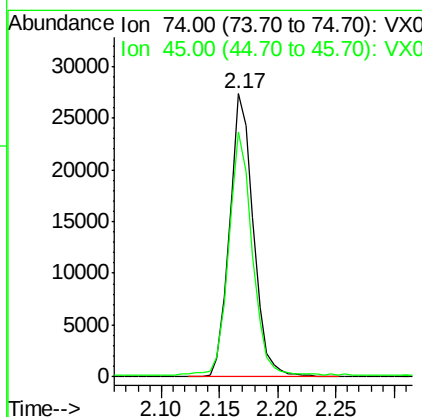
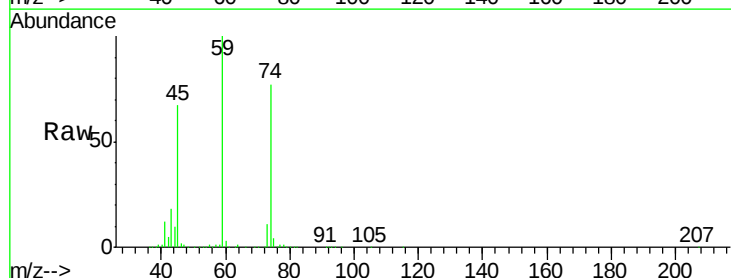
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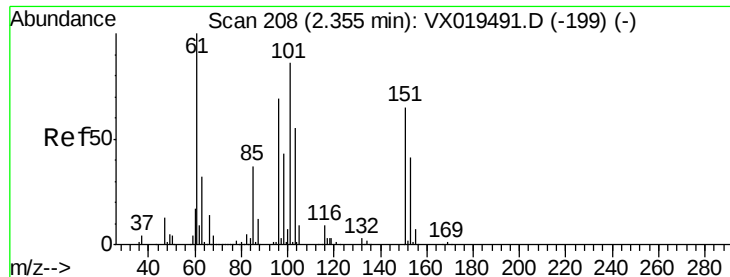


#8

Diethyl Ether
 Concen: 18.439 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.8	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.392 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

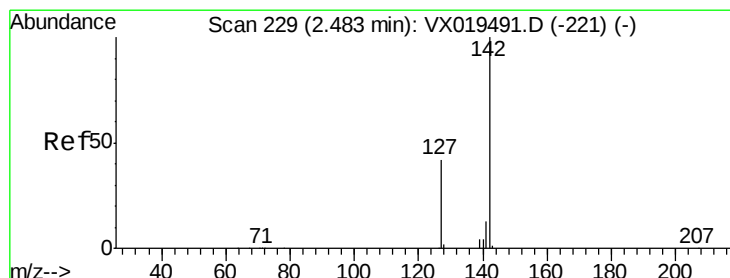
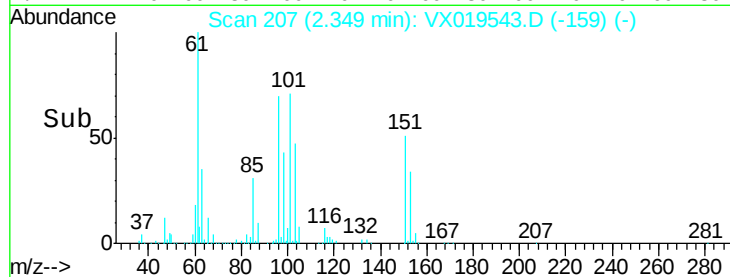
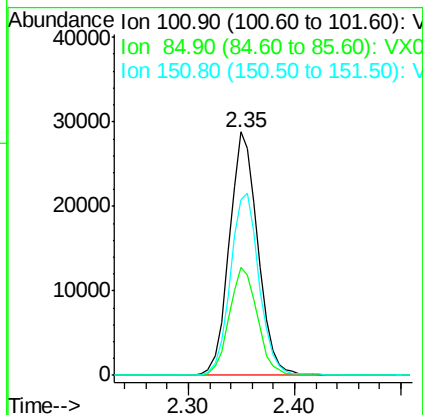
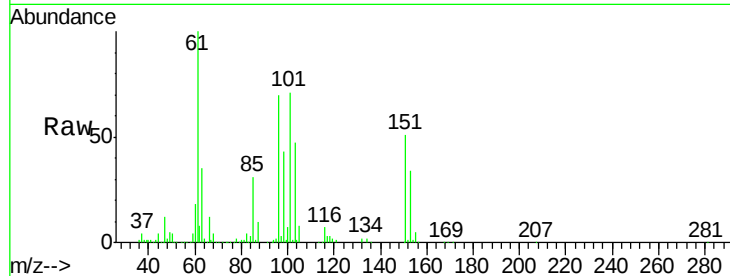
ClientSampleId :

VX1123WBS01

Tot Ion:	101	Resp:	54101
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.9	50.9
151	75.7	60.9	91.3

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#10

Methyl Iodide

Concen: 15.722 ug/l

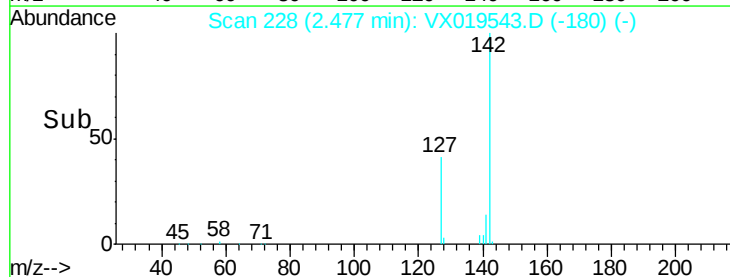
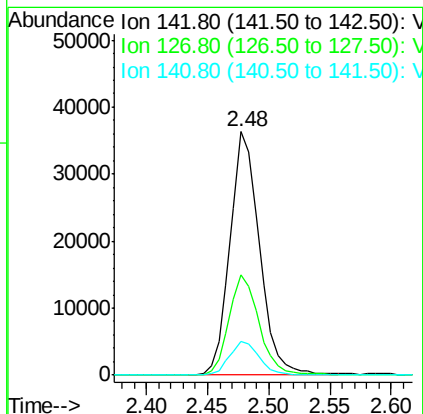
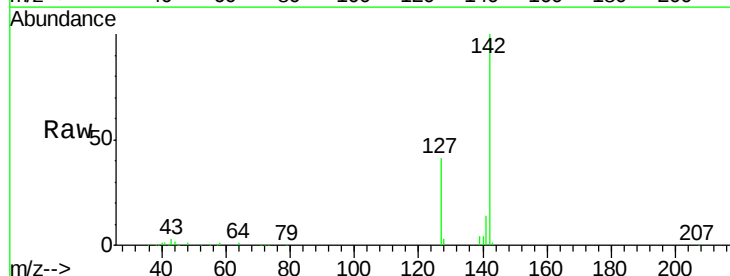
RT: 2.48 min Scan# 228

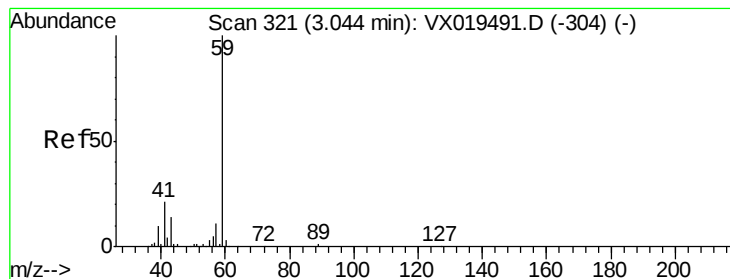
Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion:	142	Resp:	60755
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.8	50.6
141	14.1	11.0	16.6





#11

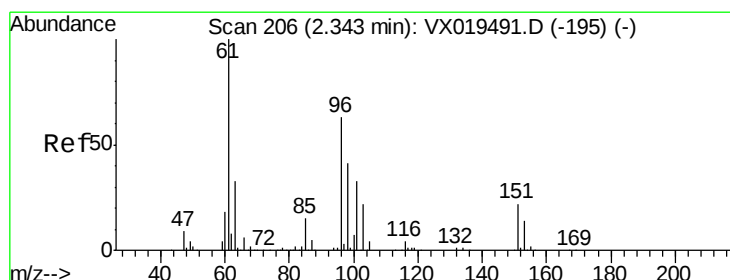
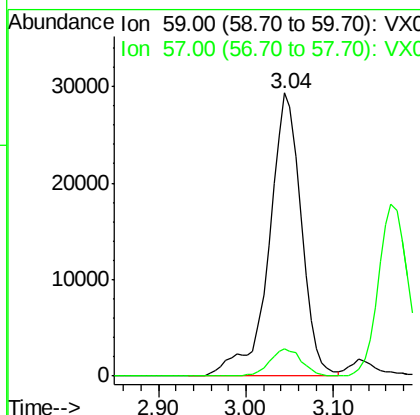
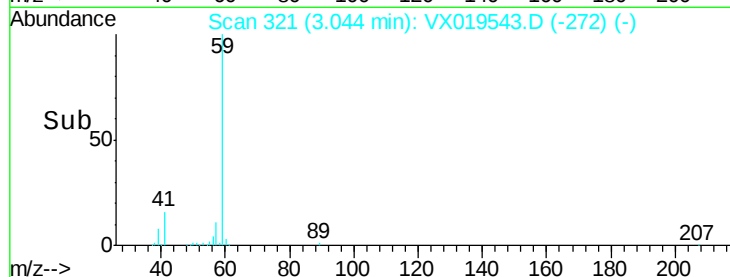
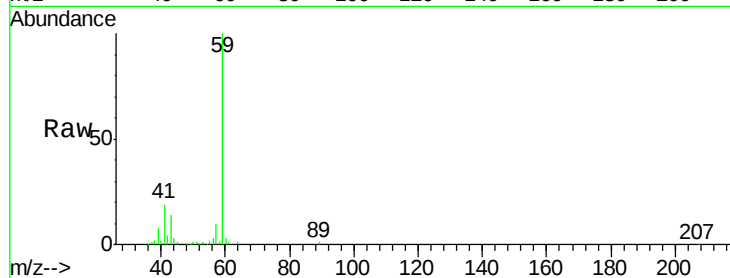
Tert butyl alcohol
Concen: 100.658 ug/l
RT: 3.04 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.9	11.9

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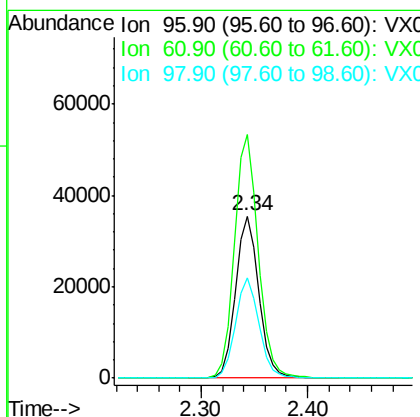
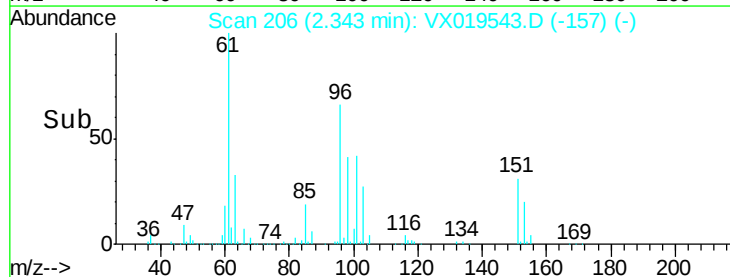
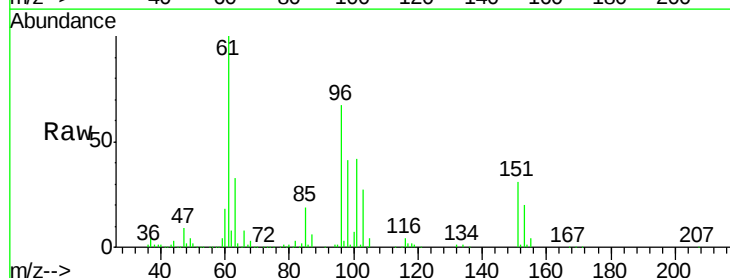
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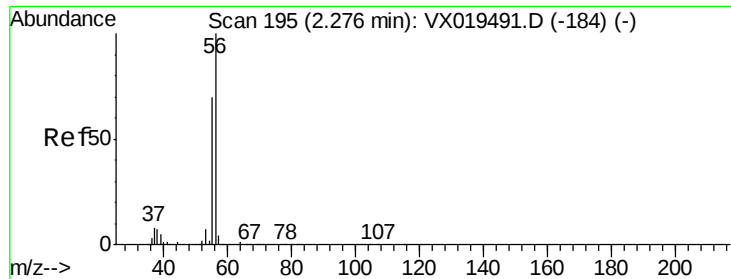


#12

1,1-Dichloroethene
Concen: 18.157 ug/l
RT: 2.34 min Scan# 206
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.4	126.0	189.0
98	61.9	52.0	78.0





#13

Acrolein

Concen: 69.445 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

Tot Ion: 56 Resp: 34834

Ion Ratio Lower Upper

56 100

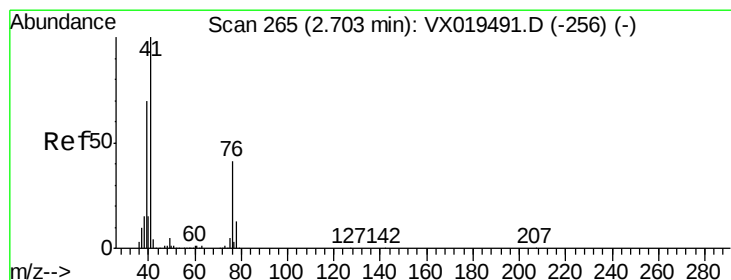
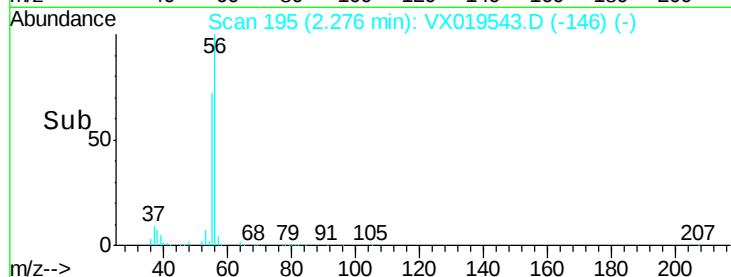
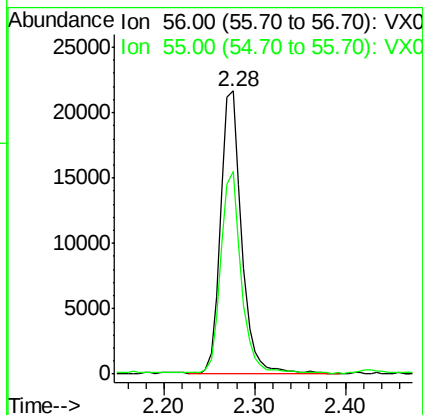
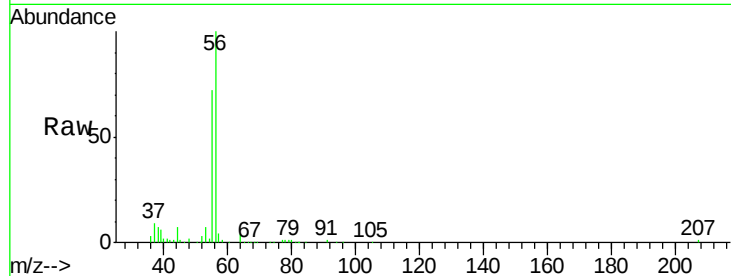
55 68.9 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 17.510 ug/l

RT: 2.70 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

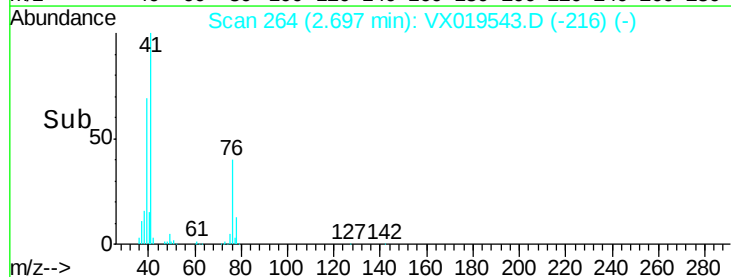
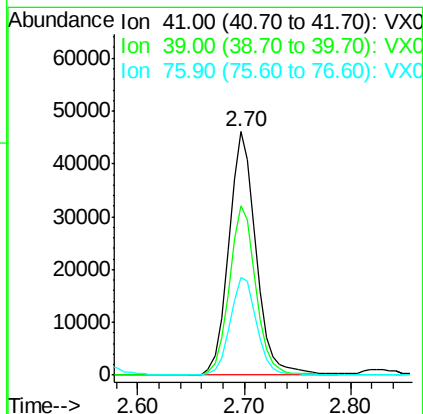
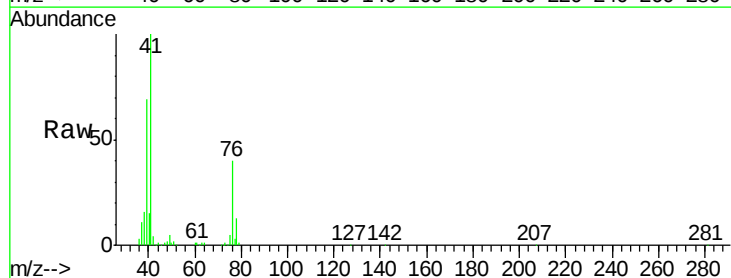
Tgt Ion: 41 Resp: 82818

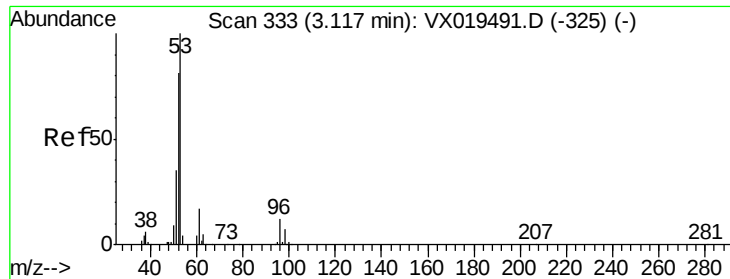
Ion Ratio Lower Upper

41 100

39 66.9 53.0 79.4

76 38.9 31.0 46.6





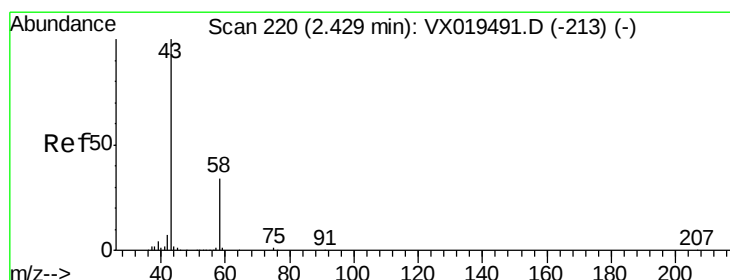
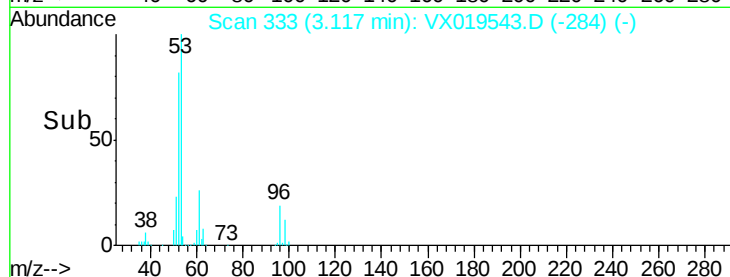
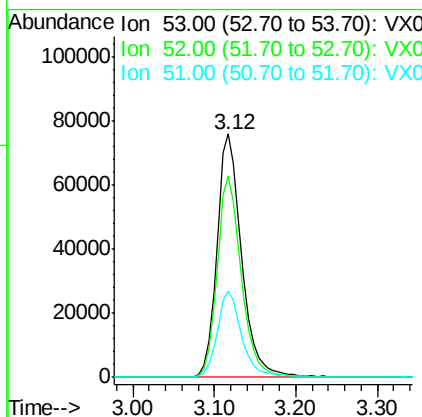
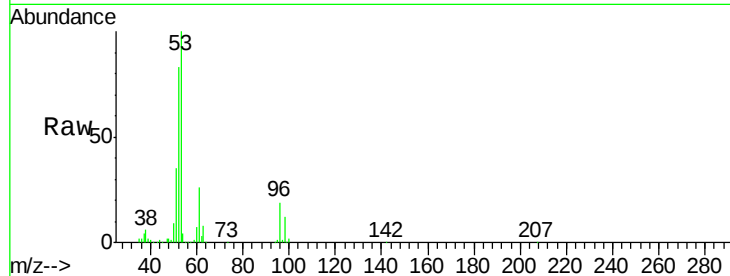
#15
 Acrylonitrile
 Concen: 90.140 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1123WBS01

Tot Ion:	53	Resp:	158634
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.2	99.2
51	35.3	28.5	42.7

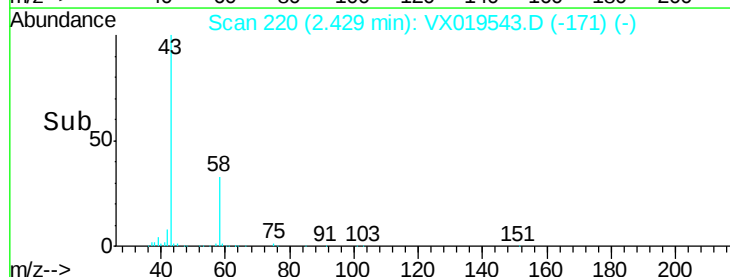
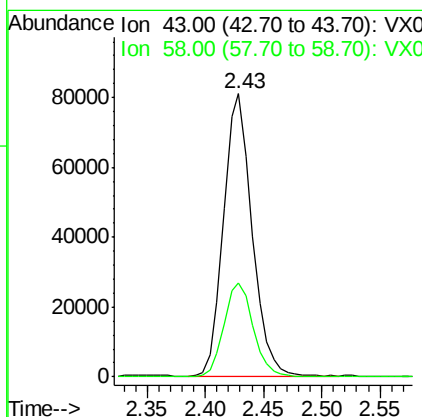
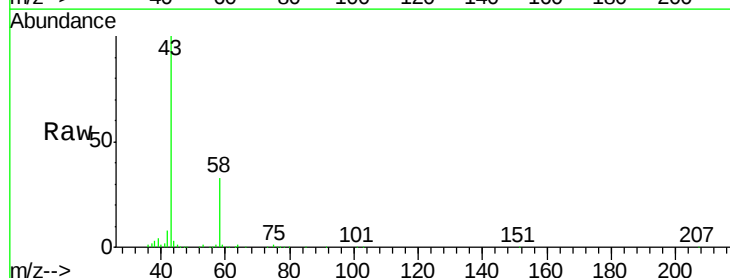
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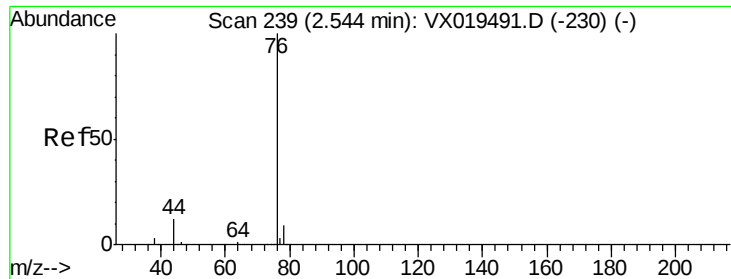
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#16
 Acetone
 Concen: 90.426 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion:	43	Resp:	137885
Ion Ratio	Lower	Upper	
43	100		
58	33.4	27.4	41.2





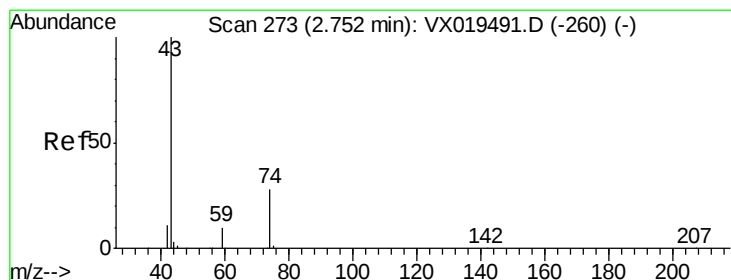
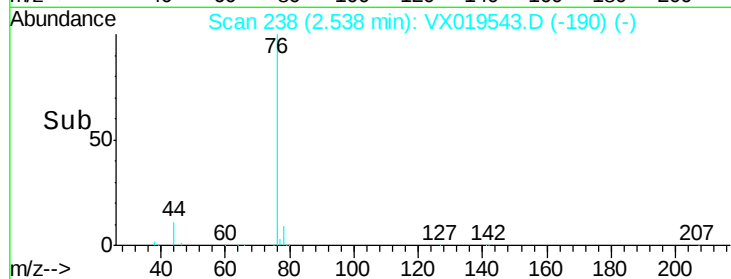
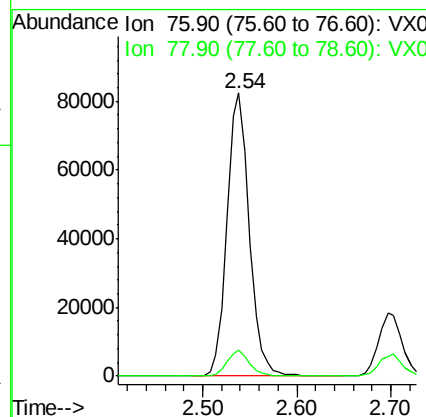
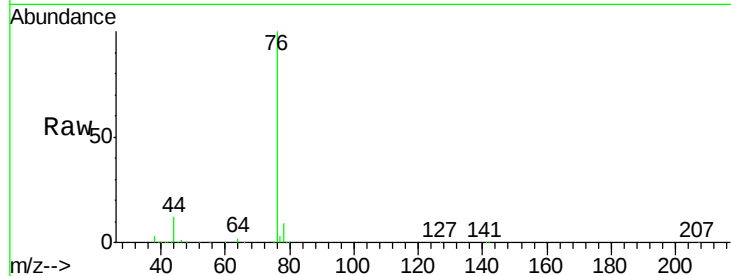
#17
Carbon Disulfide
Concen: 16.660 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

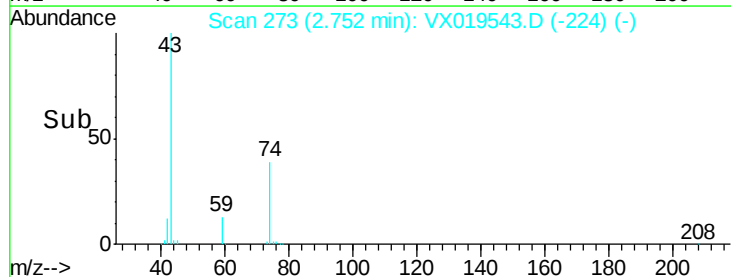
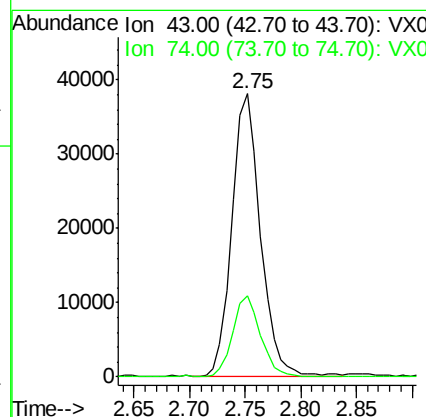
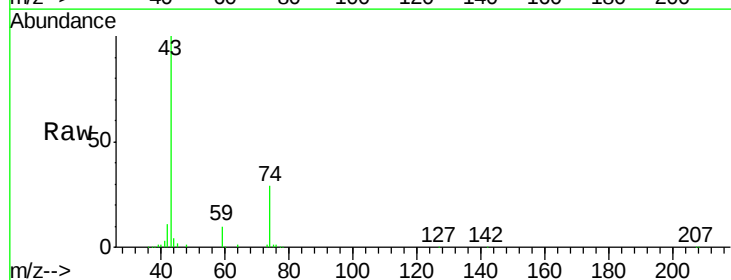
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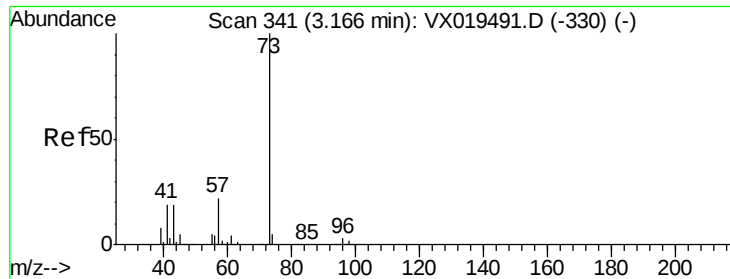
MMDadoda
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#18
Methyl Acetate
Concen: 18.414 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	22.2	33.4





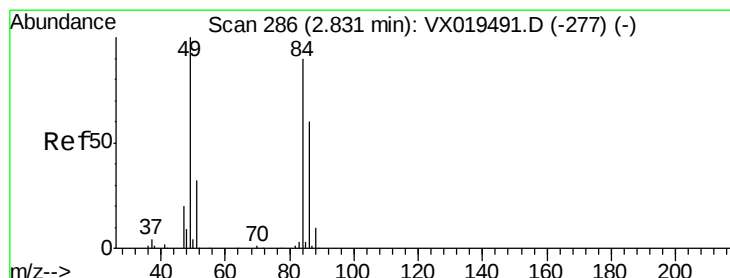
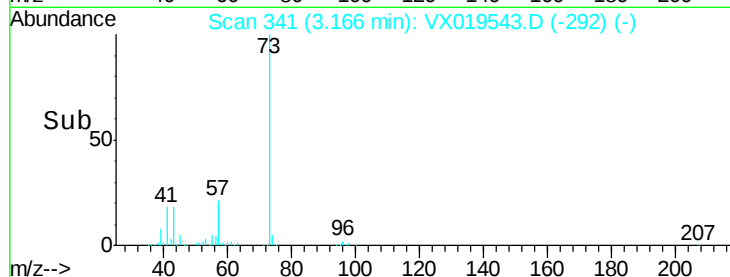
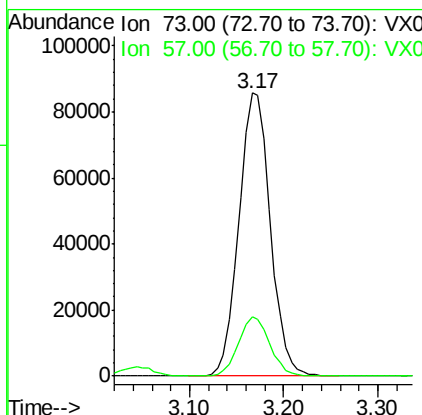
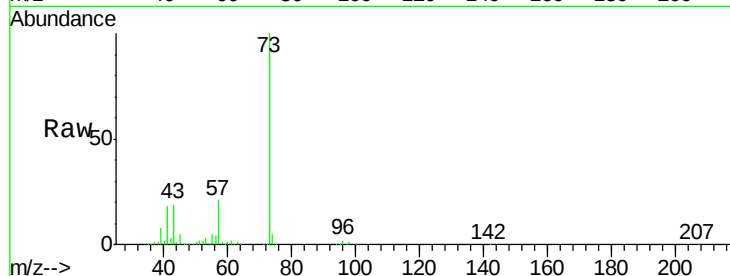
#19
Methvl tert-butvl Ether
Concen: 19.180 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.3	25.9

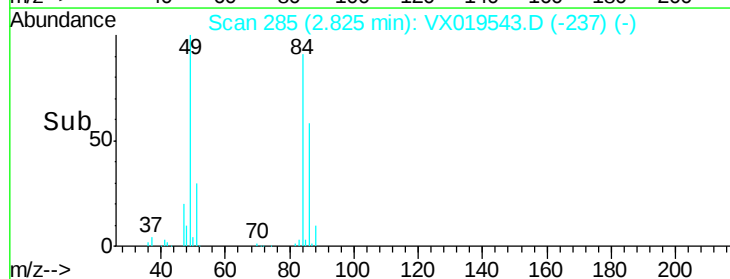
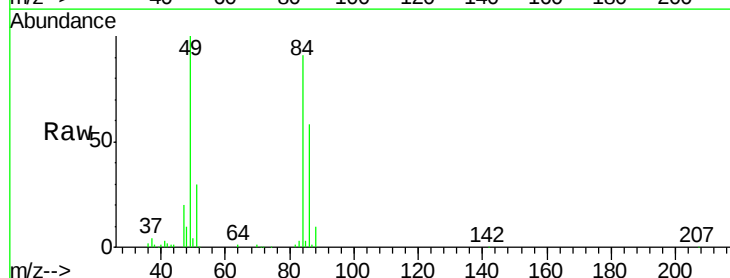
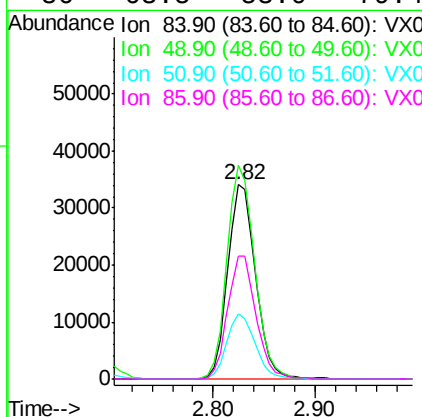
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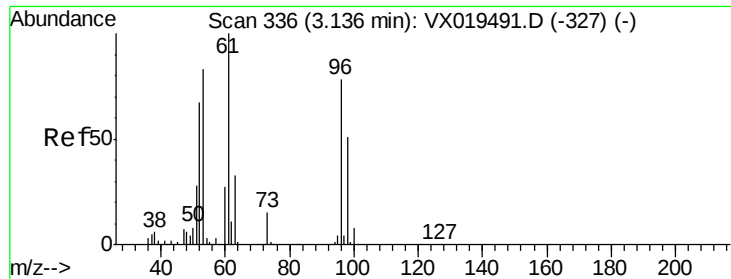
MMDadoda
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#20
Methylene Chloride
Concen: 16.831 ug/l
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.9	88.5	132.7
51	33.5	28.0	42.0
86	63.5	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 18.172 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

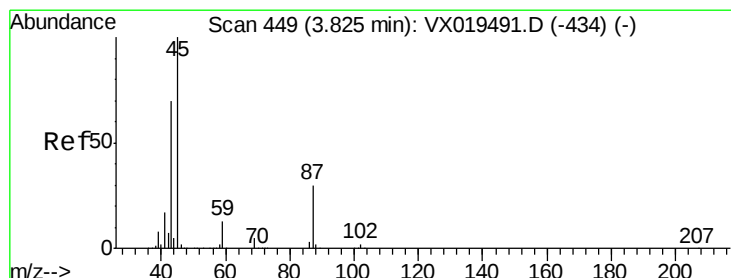
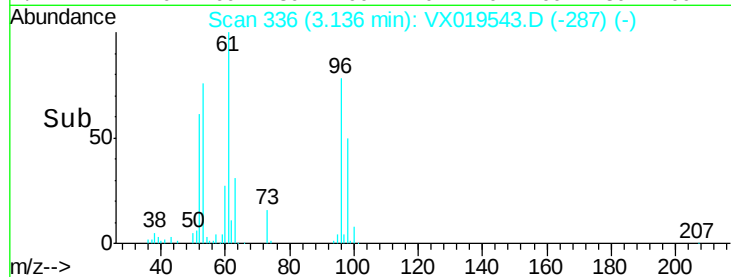
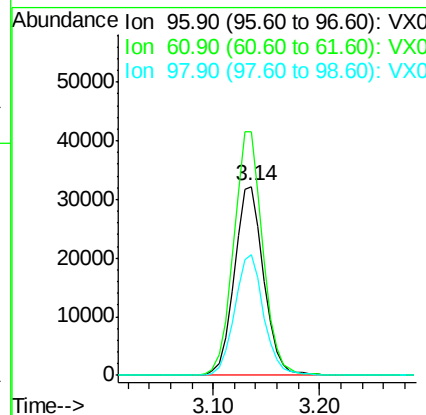
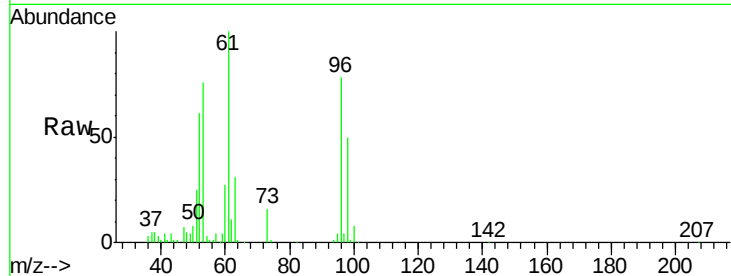
ClientSampleId :

VX1123WBS01

Tot Ion:	96	Resp:	62162
Ion	Ratio	Lower	Upper
96	100		
61	128.9	102.9	154.3
98	64.2	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.182 ug/l

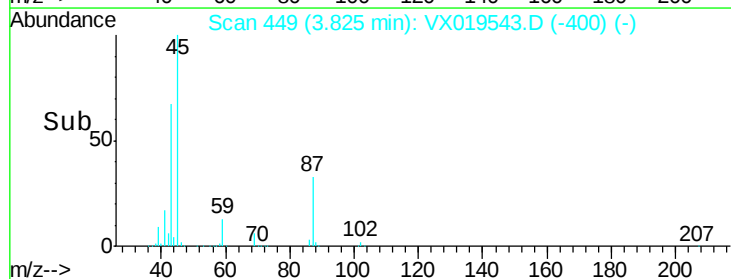
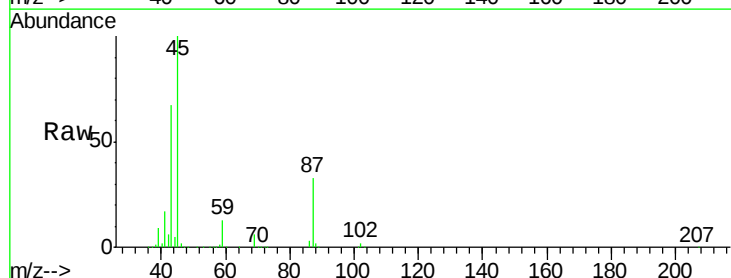
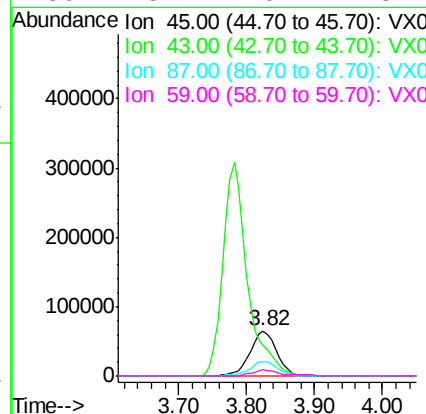
RT: 3.82 min Scan# 449

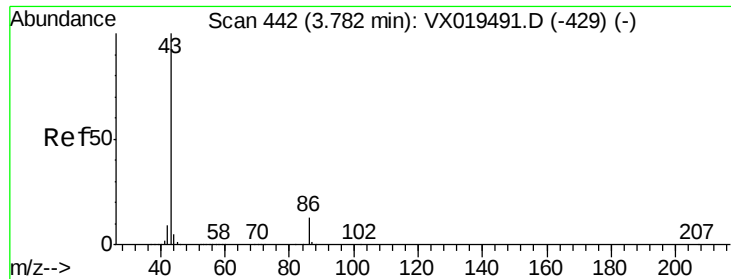
Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion:	45	Resp:	177897
Ion	Ratio	Lower	Upper
45	100		
43	66.7	56.1	84.1
87	32.5	24.2	36.2
59	13.2	10.2	15.2





#23

Vinyl Acetate

Concen: 94.026 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

Tot Ion: 43 Resp: 771680

Ion Ratio Lower Upper

43 100

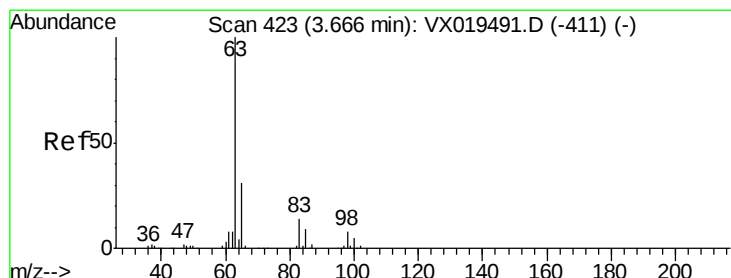
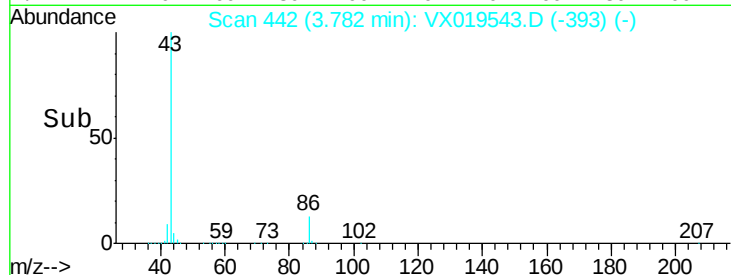
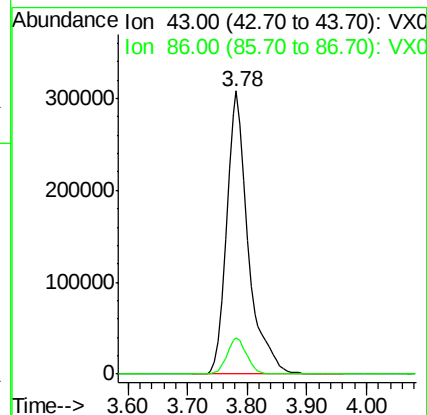
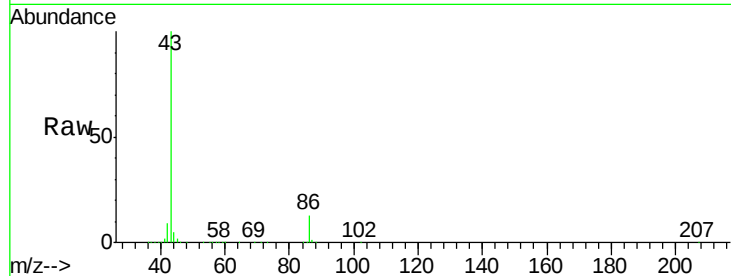
86 12.7 10.2 15.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.980 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

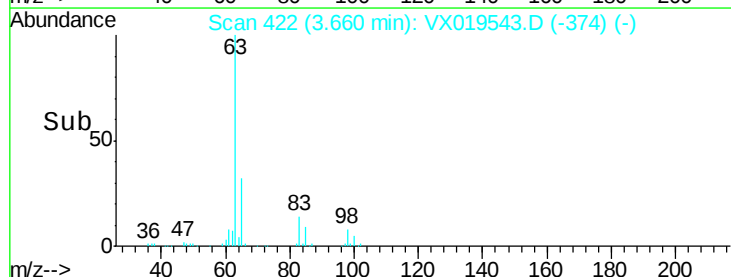
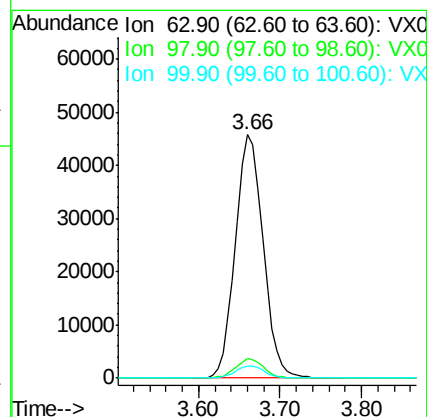
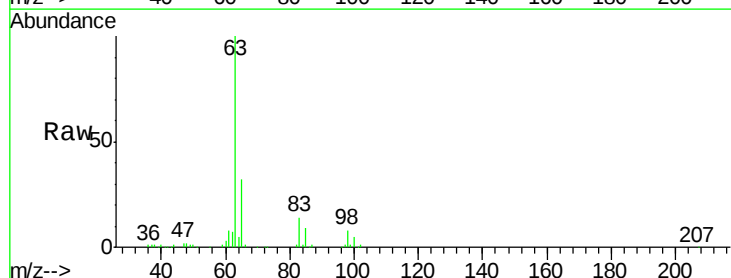
Tgt Ion: 63 Resp: 107605

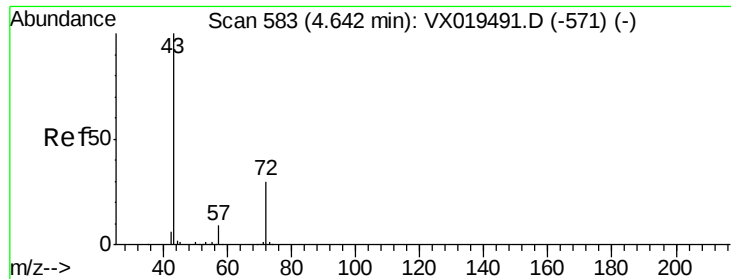
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 91.582 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

Tot Ion: 43 Resp: 209778

Ion Ratio Lower Upper

43 100

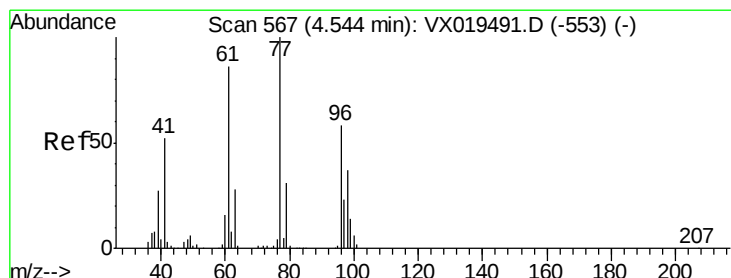
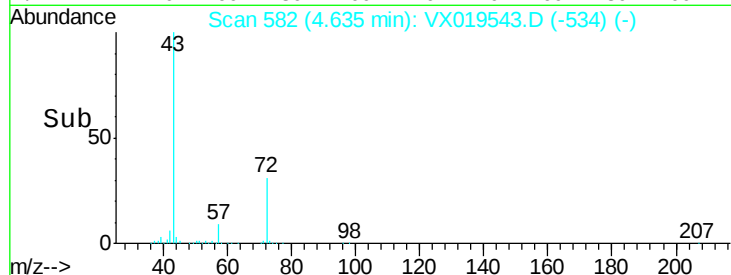
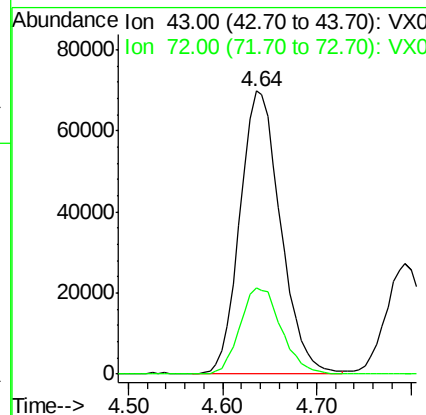
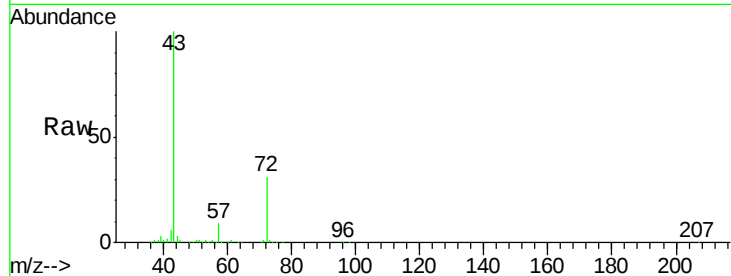
72 30.4 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.443 ug/l

RT: 4.54 min Scan# 566

Delta R.T. -0.01 min

Lab File: VX019543.D

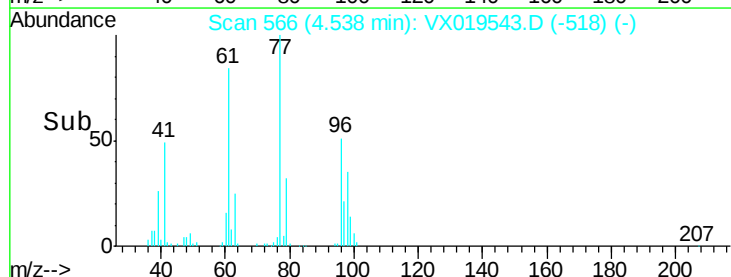
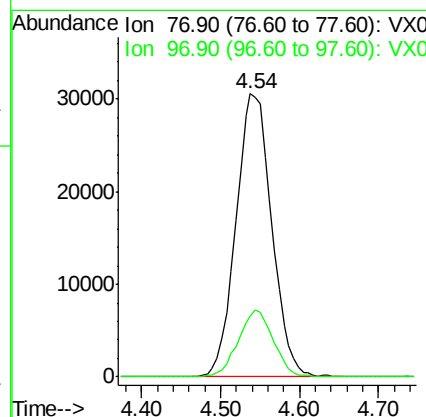
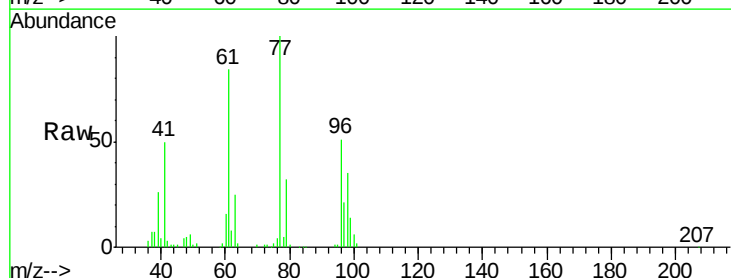
Acq: 23 Nov 2020 12:16

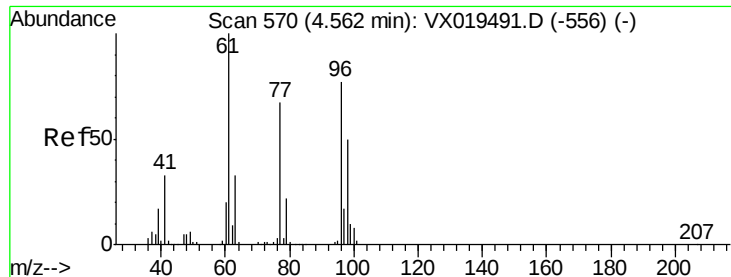
Tgt Ion: 77 Resp: 96344

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.8





#27

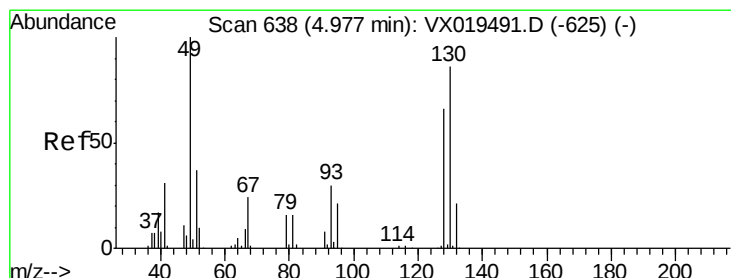
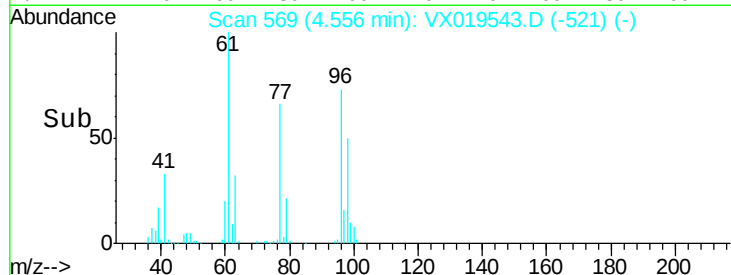
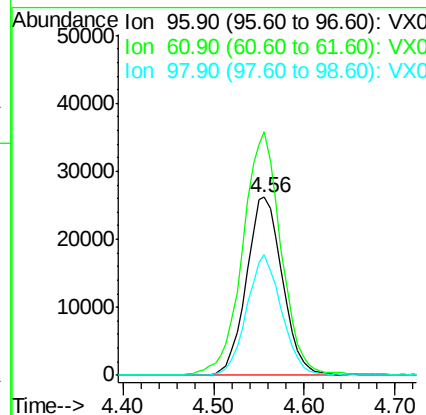
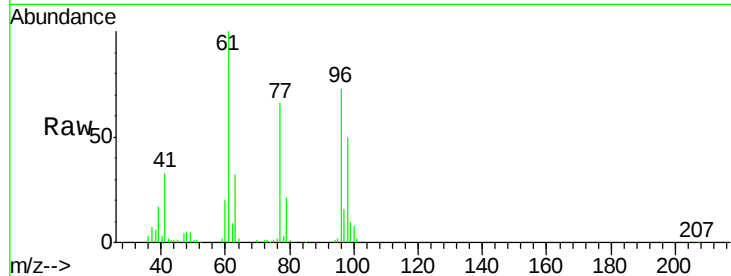
cis-1,2-Dichloroethene
Concen: 18.351 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	279.2
98	65.4	0.0	129.8

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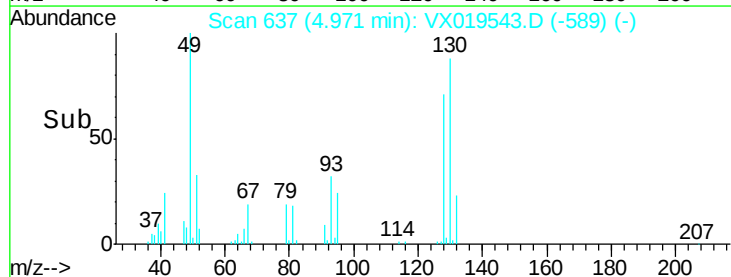
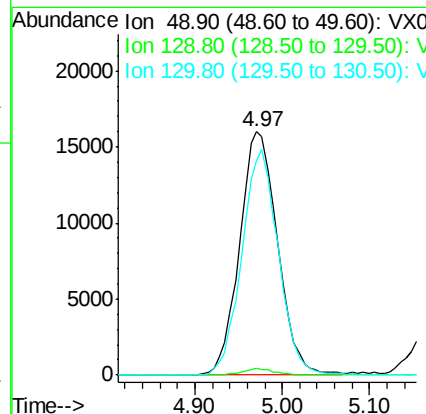
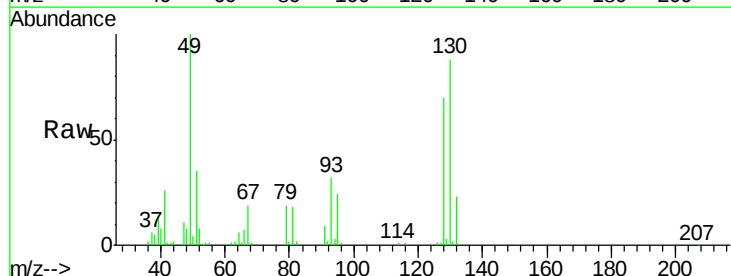
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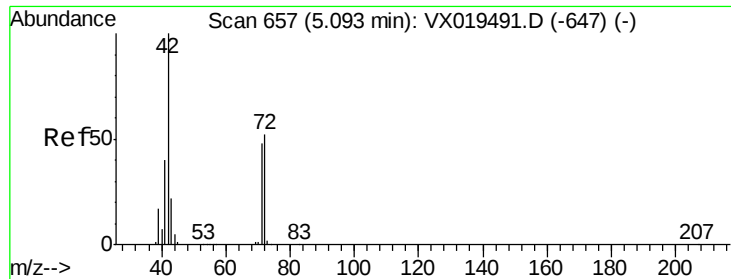


#28

Bromochloromethane
Concen: 16.851 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	89.3	69.0	103.6





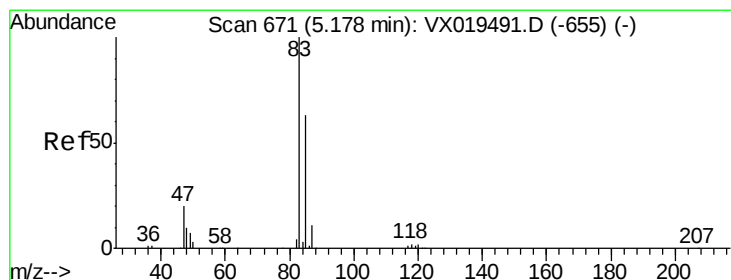
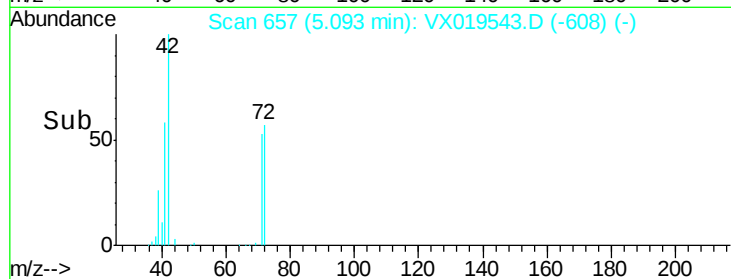
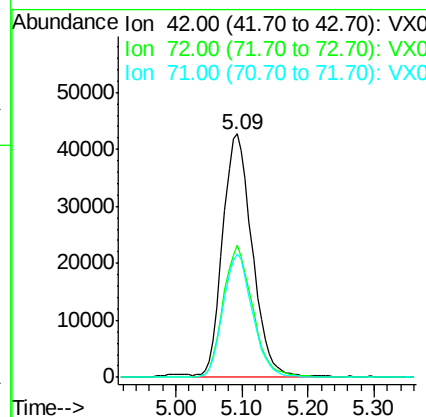
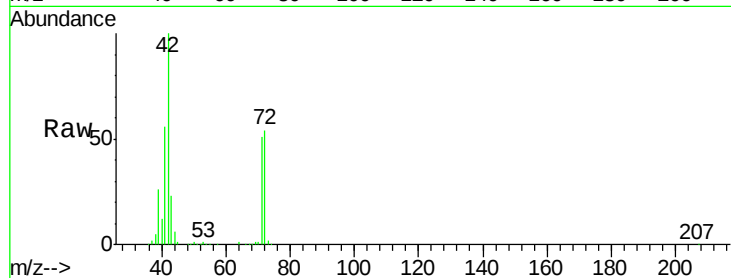
#29
Tetrahydrofuran
Concen: 89.936 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.3	42.6	63.8
71	50.7	39.0	58.6

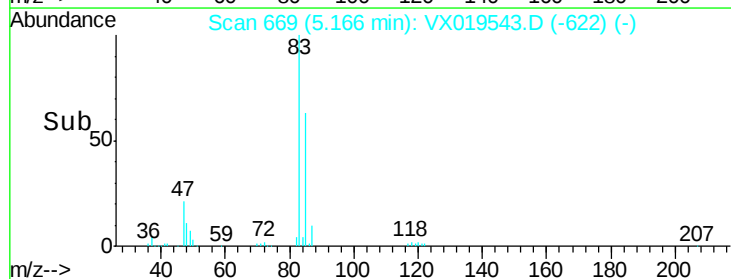
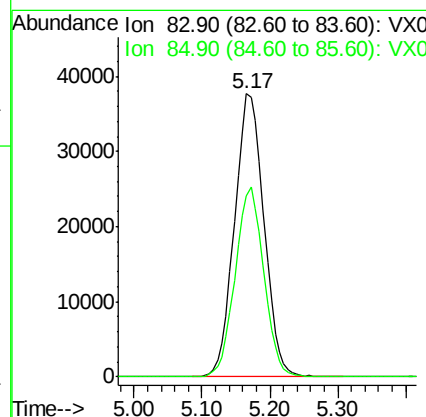
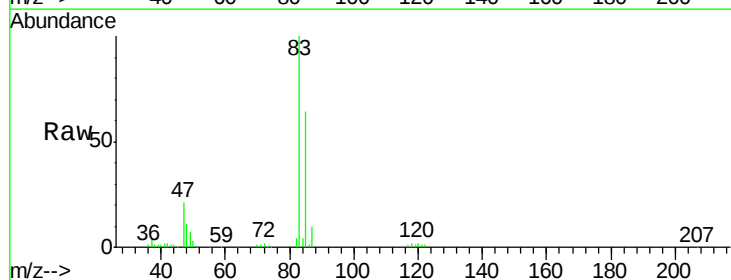
Manual Integrations
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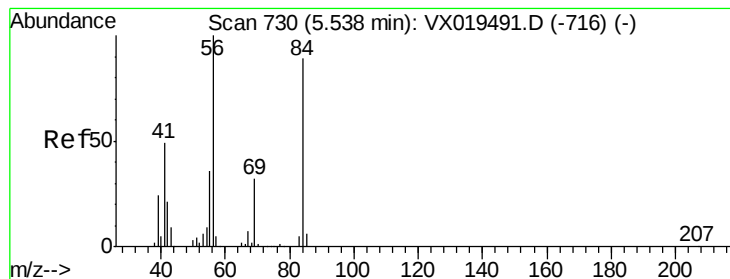
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#30
Chloroform
Concen: 18.077 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.5	75.7





#31

Cyclohexane

Concen: 17.973 ug/l

RT: 5.54 min Scan# 730

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

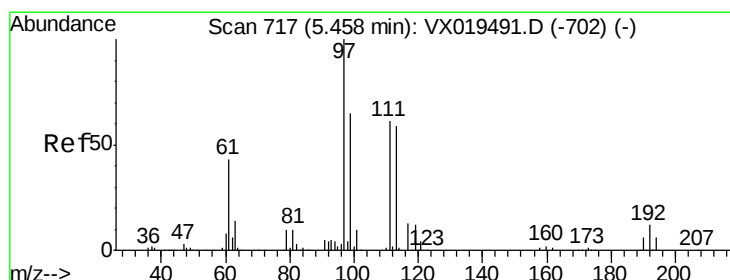
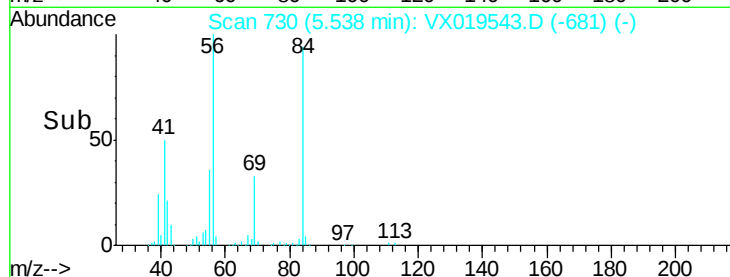
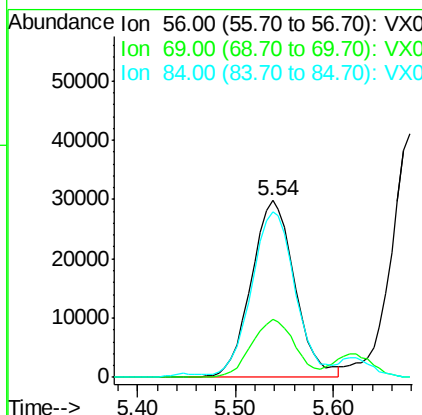
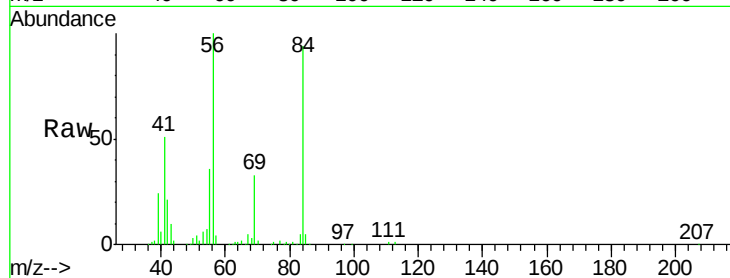
ClientSampleId :

VX1123WBS01

Tot Ion:	56	Resp:	92175
Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.5	38.3
84	91.9	71.1	106.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.751 ug/l

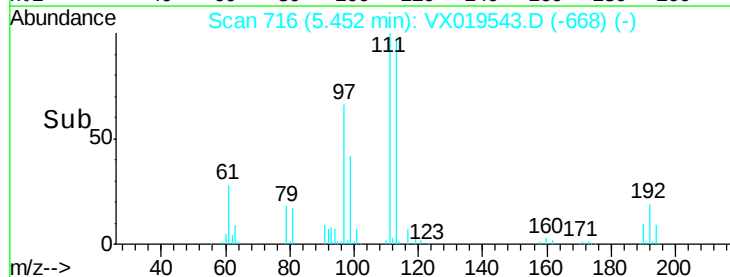
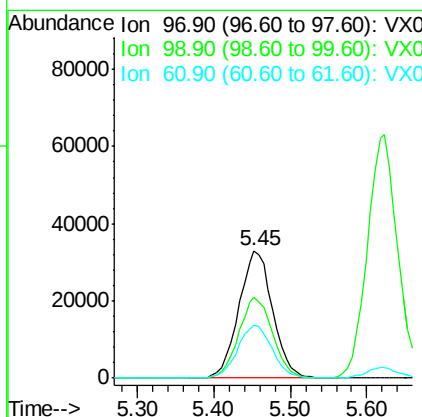
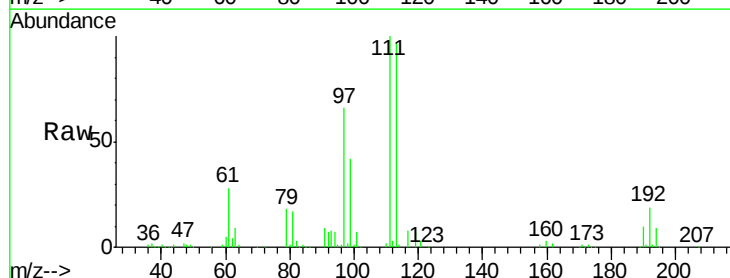
RT: 5.45 min Scan# 716

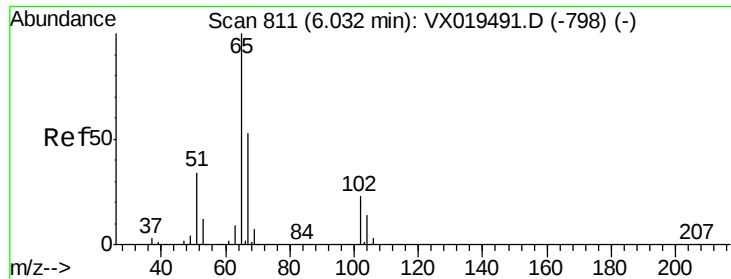
Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion:	97	Resp:	100795
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.0
61	42.3	34.2	51.2





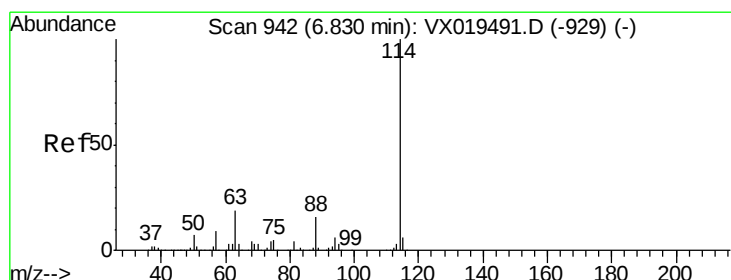
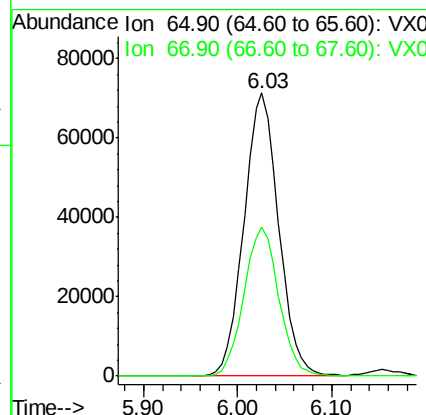
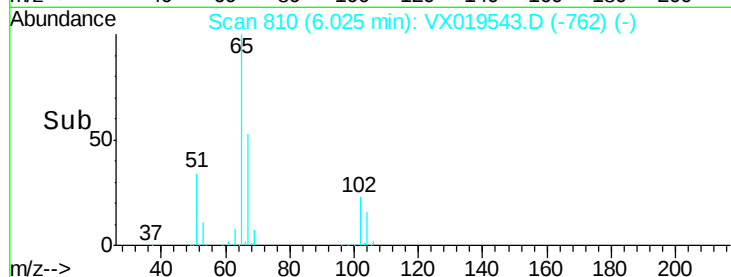
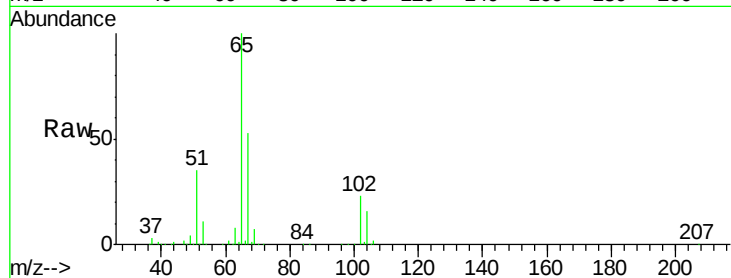
#33
 1,2-Dichloroethane-d4
 Concen: 46.727 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	184245		
67	53.0	0.0	0.0	105.0

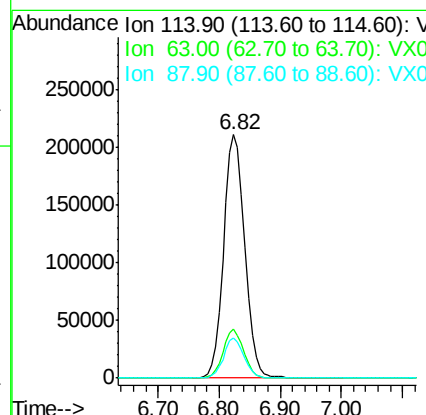
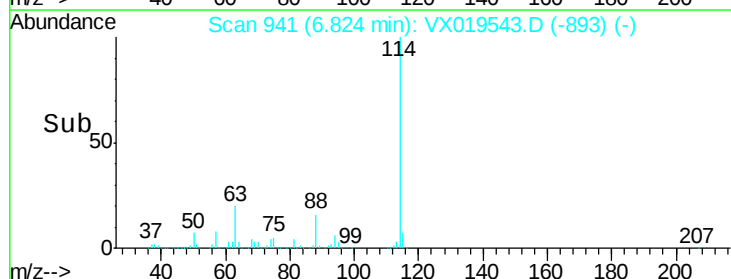
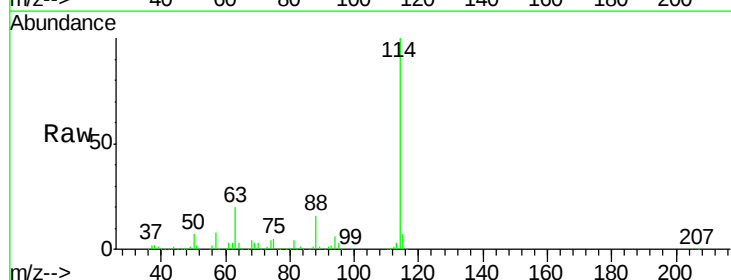
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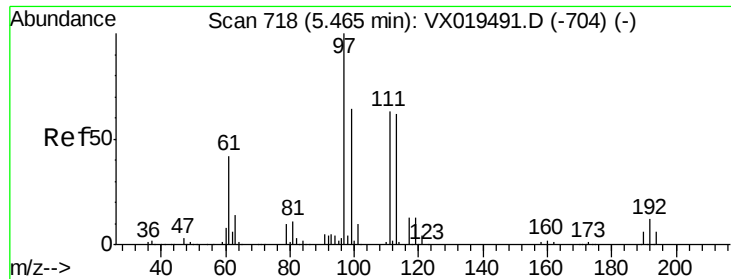
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	505413		
63	19.9	0.0	0.0	38.8
88	16.4	0.0	0.0	31.6





#35

Dibromofluoromethane

Concen: 47.311 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

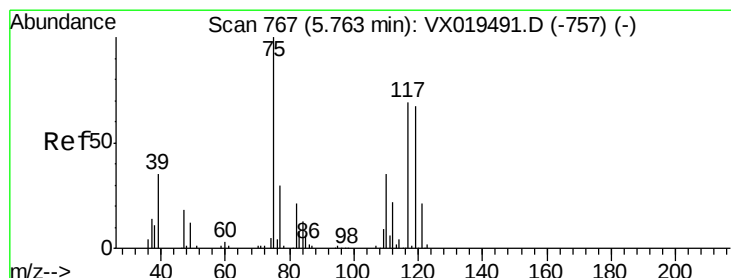
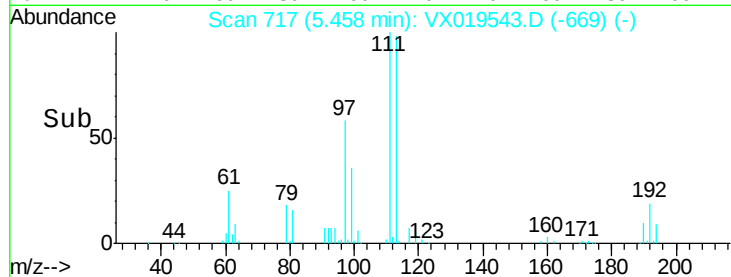
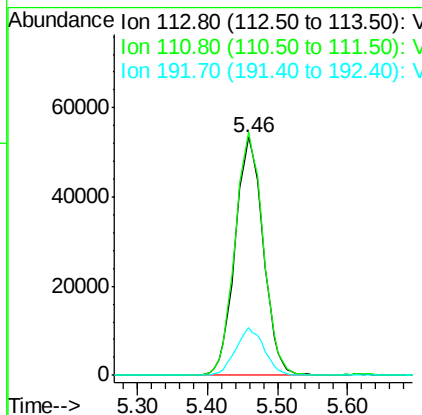
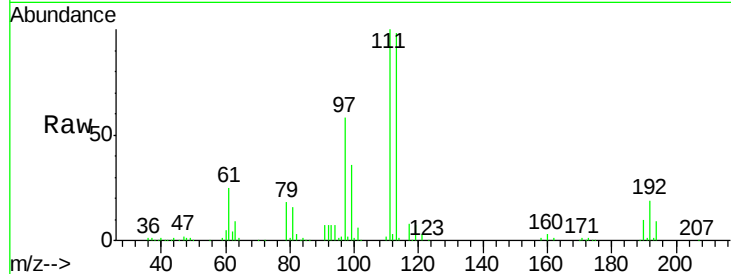
ClientSampleId :

VX1123WBS01

Tot Ion:	113	Resp:	150093
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.5	122.3
192	20.2	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 17.670 ug/l

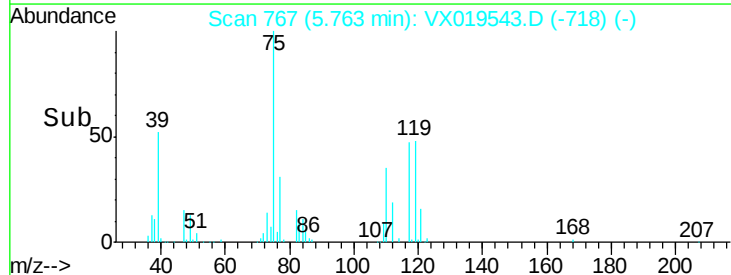
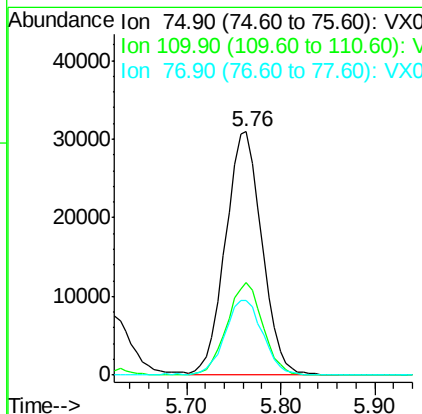
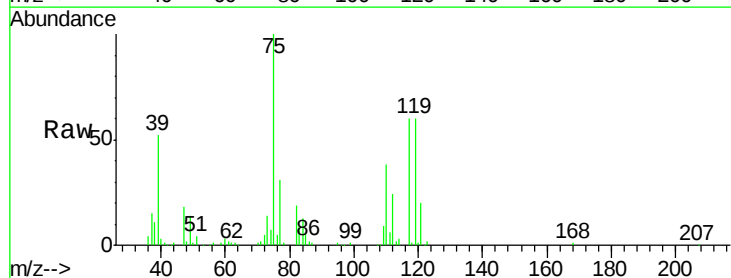
RT: 5.76 min Scan# 767

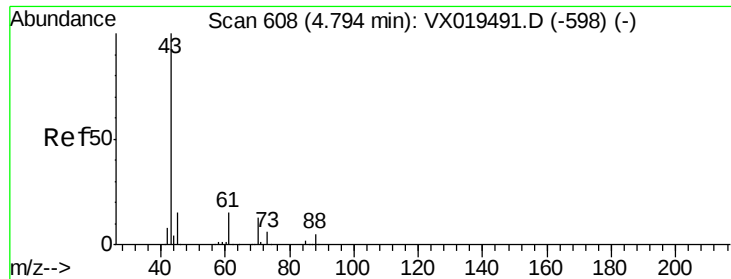
Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion:	75	Resp:	83727
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.1	54.3
77	31.9	24.2	36.4





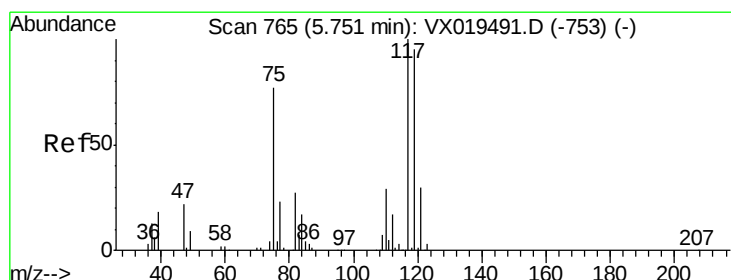
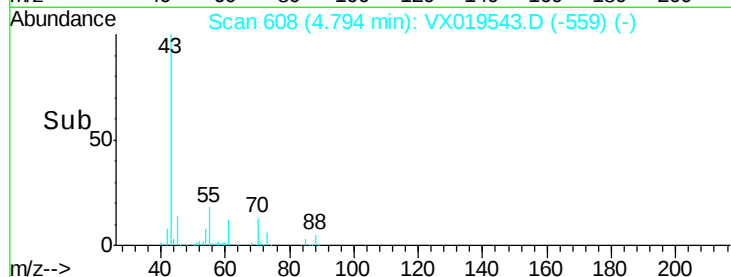
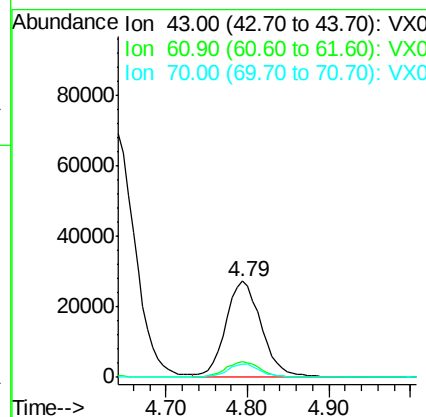
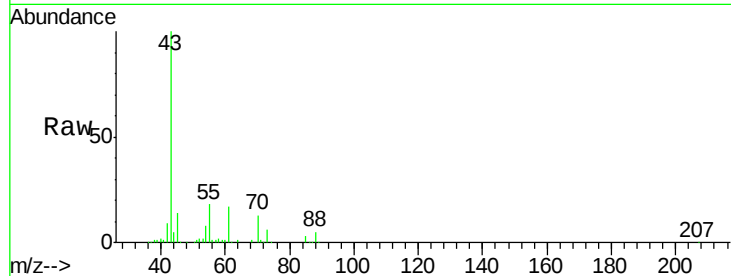
#37
Ethyl Acetate
Concen: 18.312 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	12.7	19.1
70	13.2	10.2	15.2

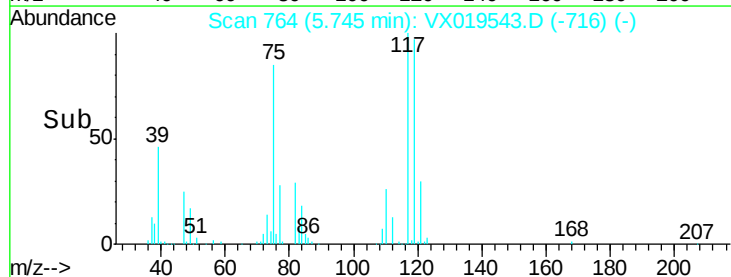
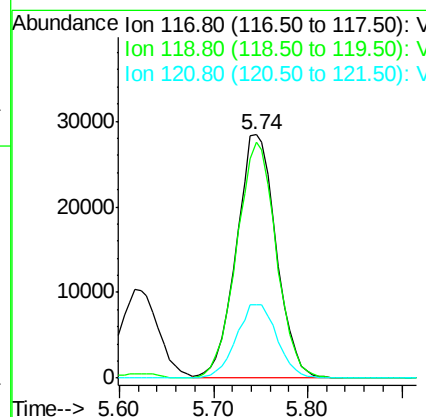
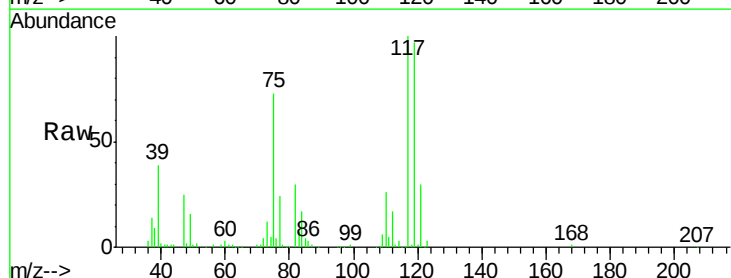
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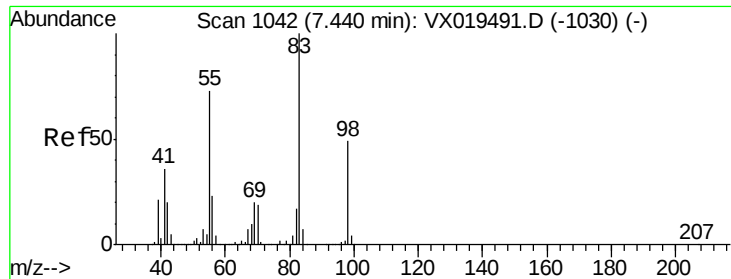
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#38
Carbon Tetrachloride
Concen: 18.358 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.9	113.9
121	30.3	24.0	36.0





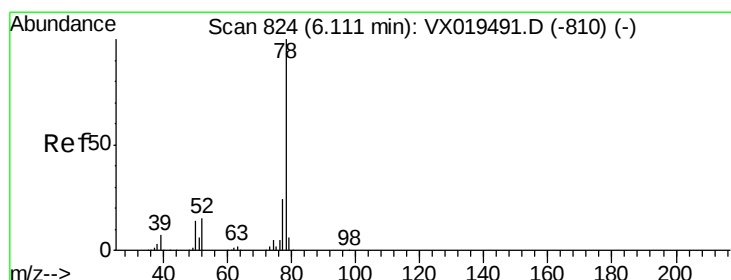
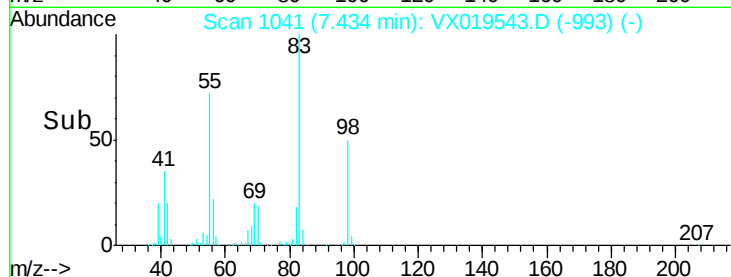
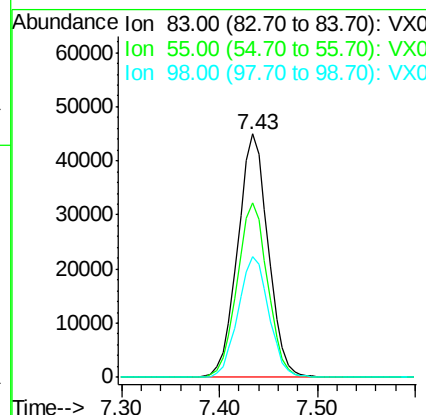
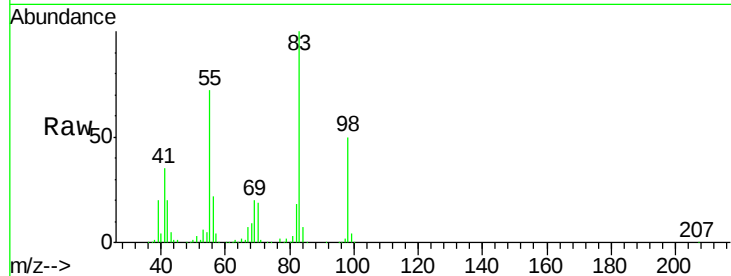
#39
Methvlcvclohexane
Concen: 17.611 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	58.3	87.5
98	49.8	38.9	58.3

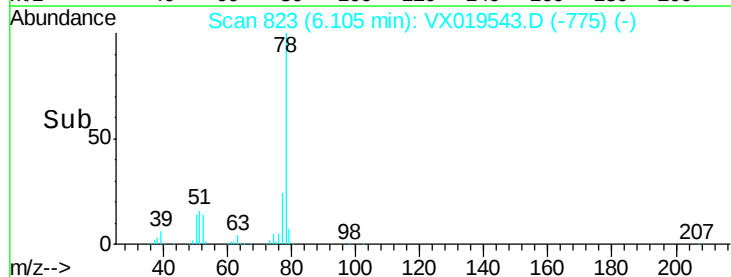
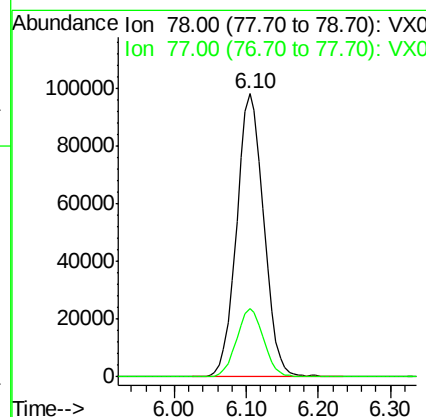
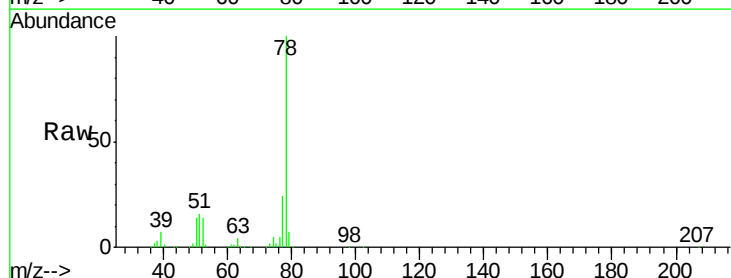
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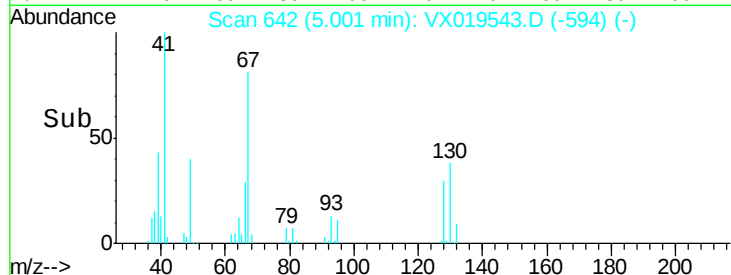
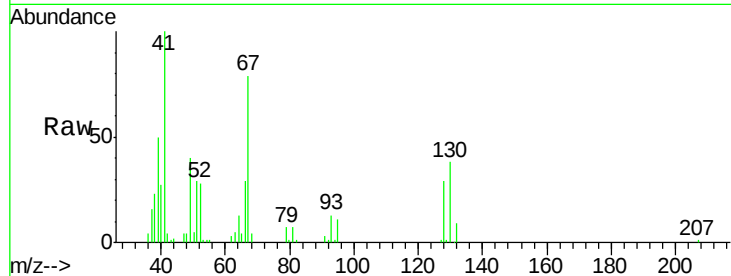
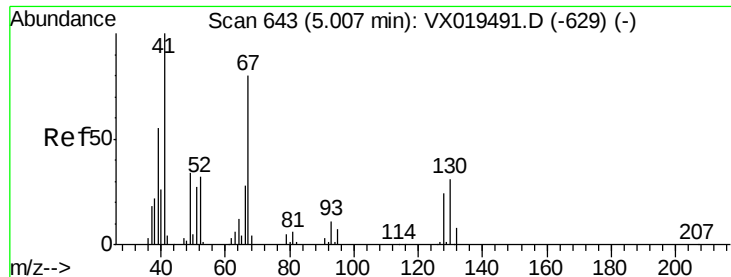
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#40
Benzene
Concen: 17.649 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





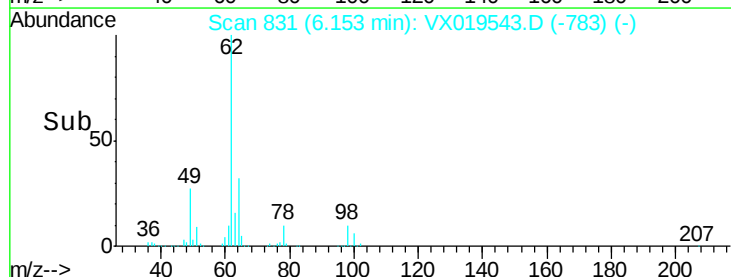
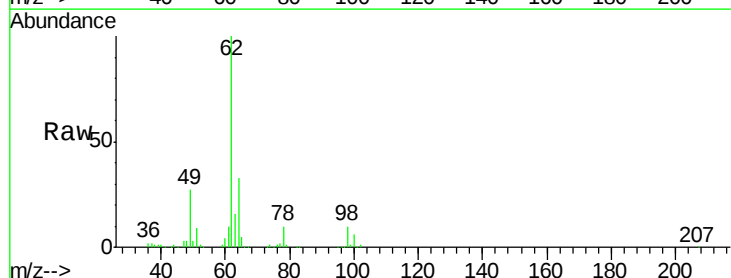
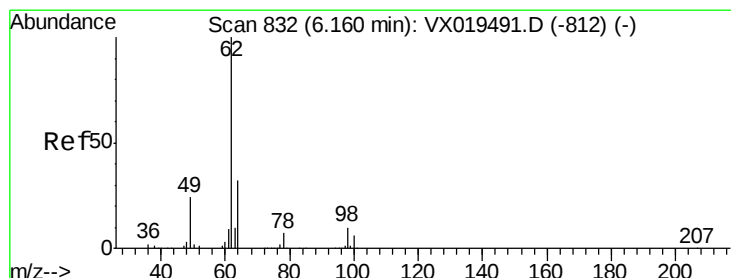
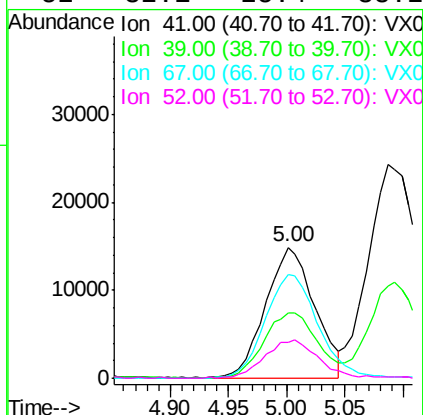
#41
Methacrylonitrile
Concen: 17.750 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		43539		
39	54.4	43.3	64.9		
67	85.7	66.0	99.0		
52	32.1	25.4	38.2		

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

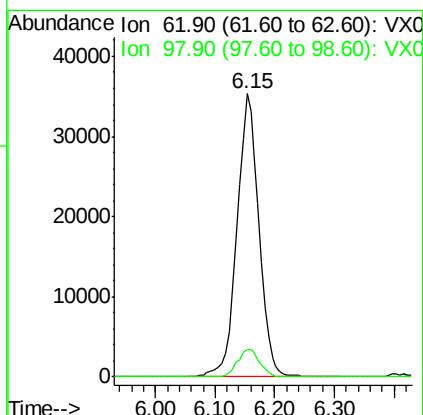
Manual Integrations
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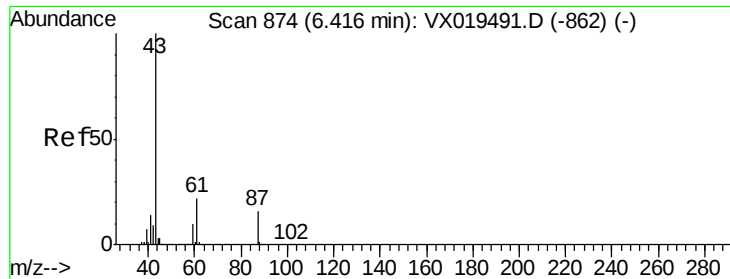
MMDadoda
11/24/2020 2:59:28 PM



#42
1,2-Dichloroethane
Concen: 18.120 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		90419		
98	9.8	0.0	20.0		





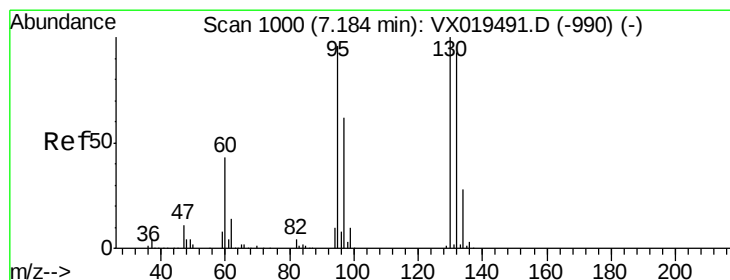
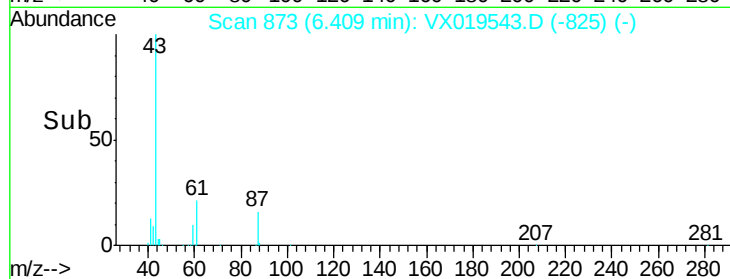
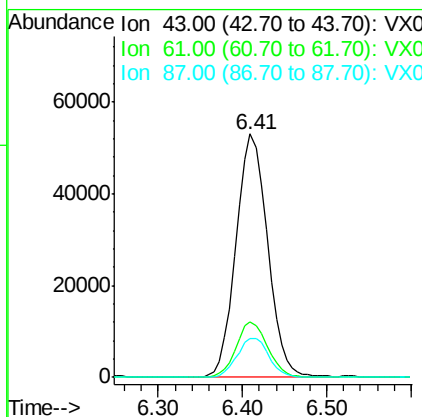
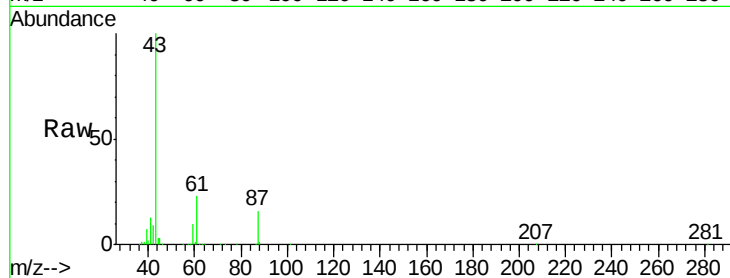
#43
Isopropyl Acetate
Concen: 17.900 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.2	27.2
87	16.2	12.6	18.8

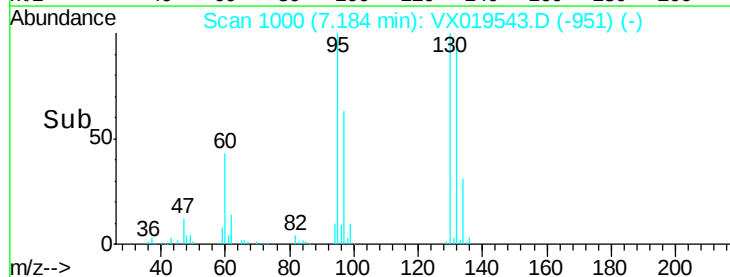
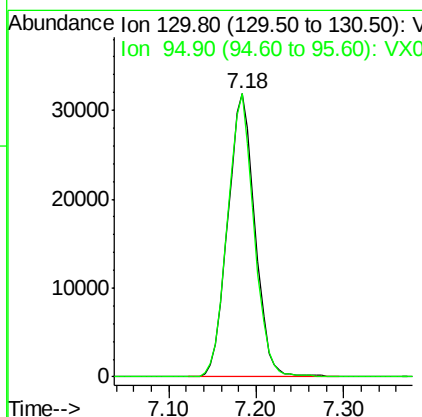
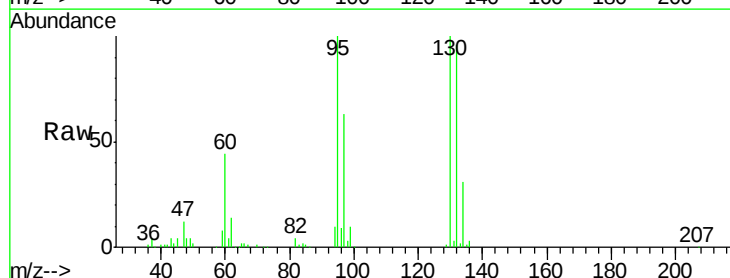
Manual Integrations
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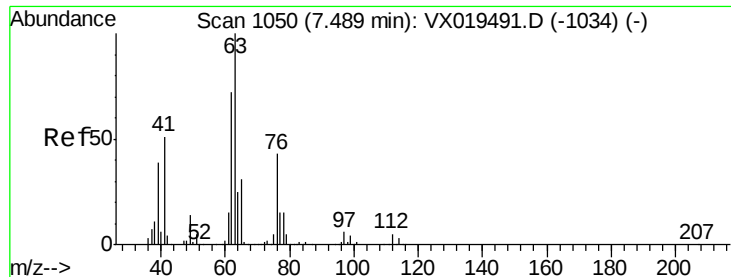
MMDadoda
11/24/2020 2:59:28 PM



#44
Trichloroethene
Concen: 18.028 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	191.2





#45

1,2-Dichloropropane

Concen: 17.818 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

Tot Ion: 63 Resp: 63859

Ion Ratio Lower Upper

63 100

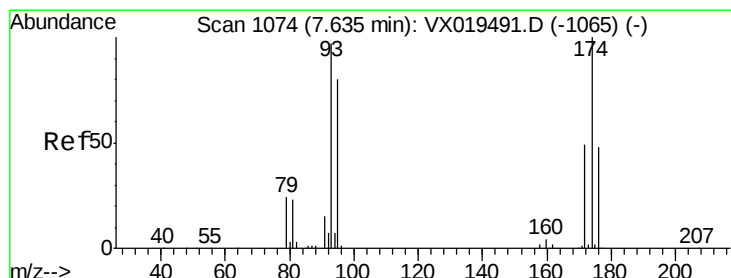
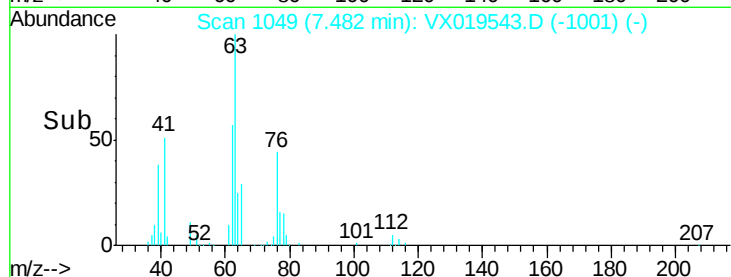
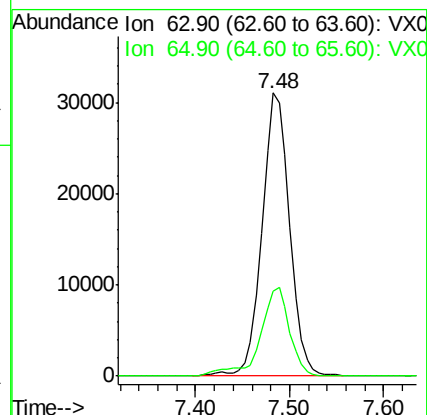
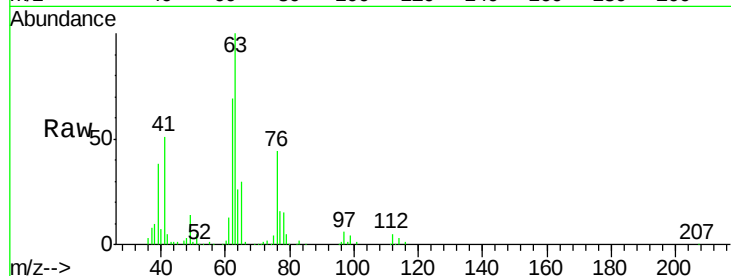
65 30.1 25.0 37.4

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#46

Dibromomethane

Concen: 17.865 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

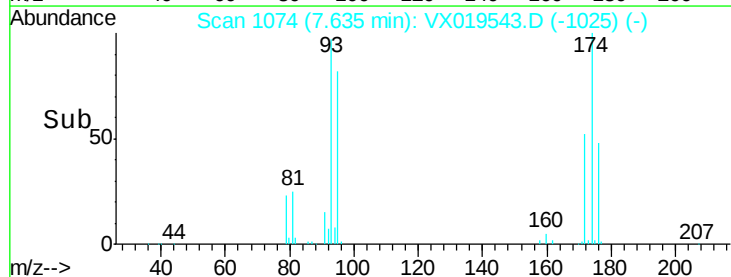
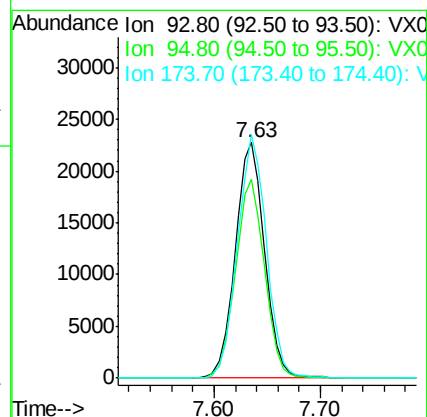
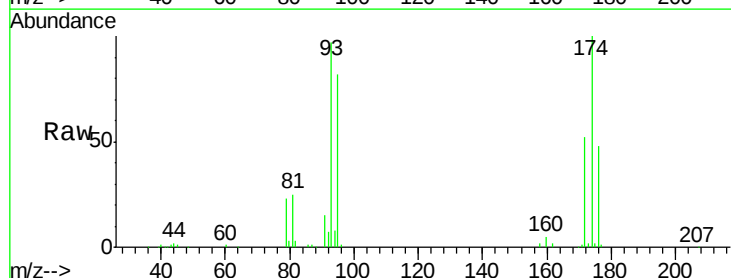
Tgt Ion: 93 Resp: 43823

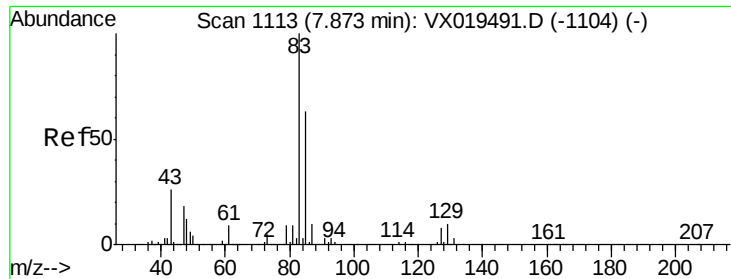
Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

174 102.6 83.0 124.4





#47

Bromodichloromethane

Concen: 17.968 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

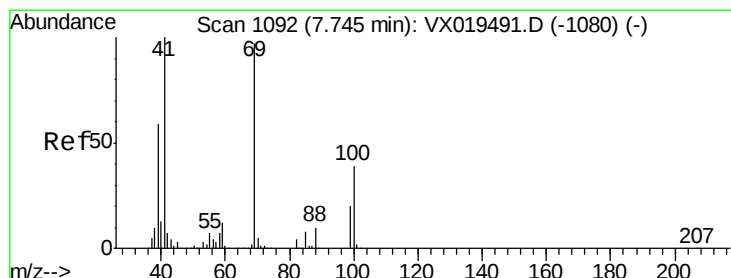
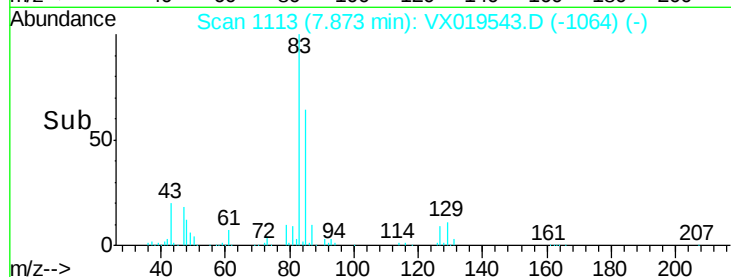
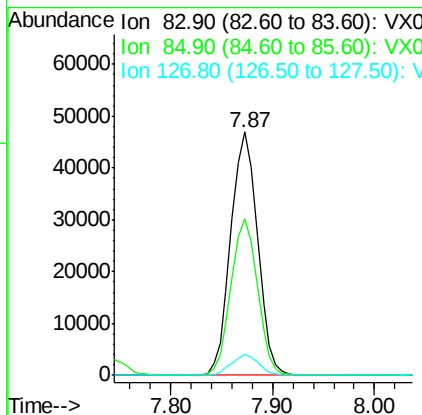
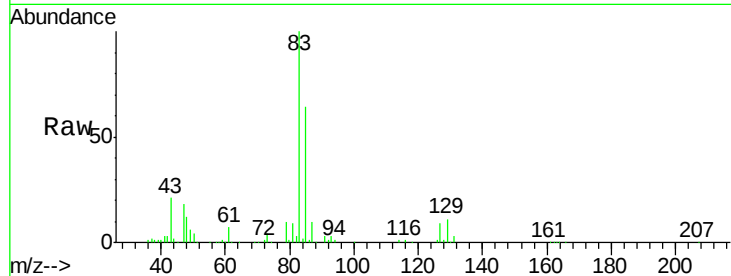
ClientSampleId :

VX1123WBS01

Tot Ion:	83	Resp:	85526
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.2	75.2
127	8.8	6.4	9.6

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#48

Methyl methacrylate

Concen: 18.271 ug/l

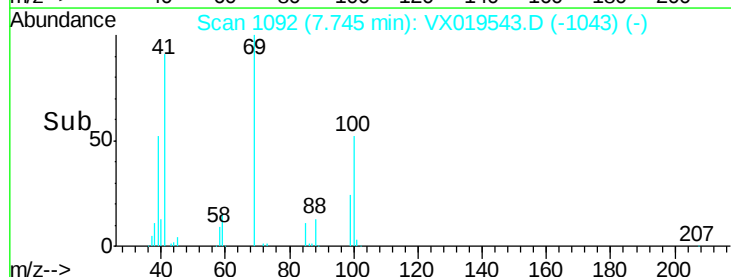
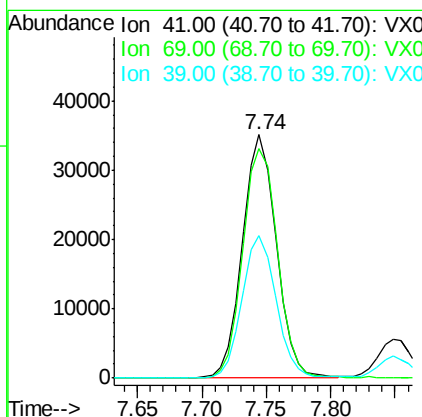
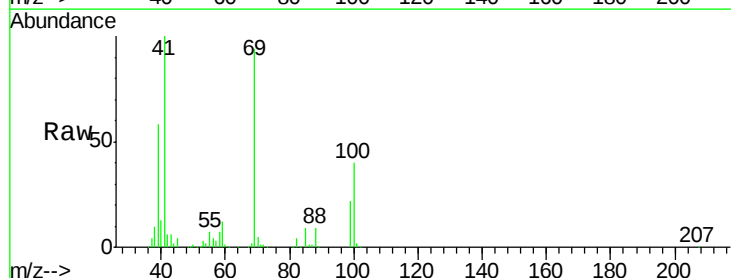
RT: 7.74 min Scan# 1092

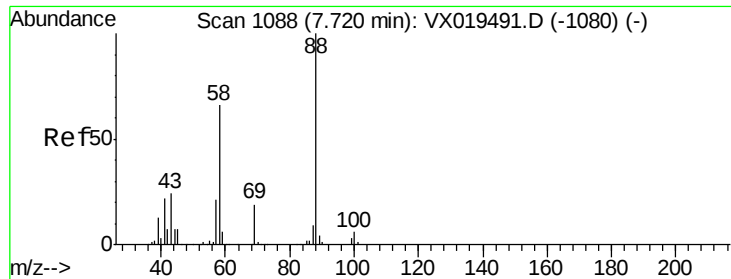
Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion:	41	Resp:	63984
Ion	Ratio	Lower	Upper
41	100		
69	96.9	77.0	115.6
39	59.1	45.6	68.4





#49

1,4-Dioxane

Concen: 392.469 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

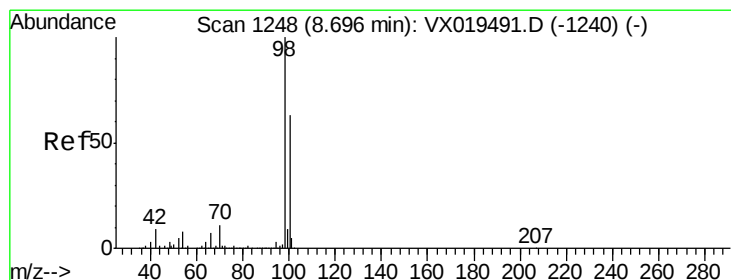
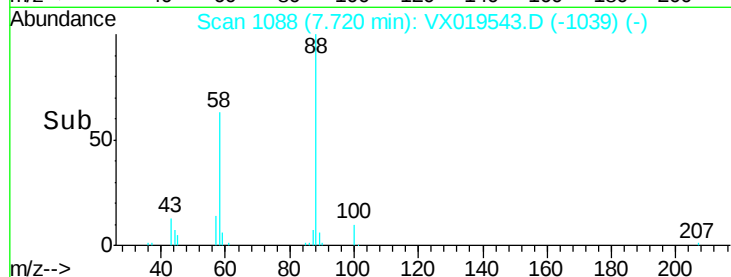
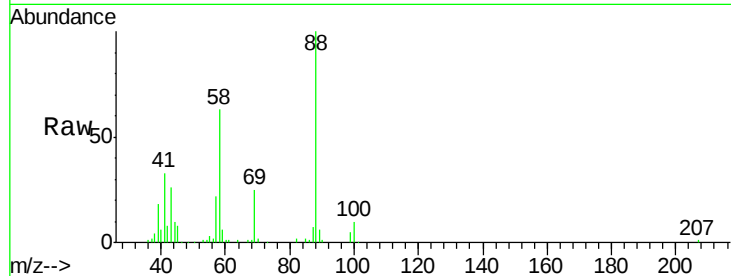
ClientSampleId :

VX1123WBS01

Tot Ion:	88	Resp:	31206
Ion	Ratio	Lower	Upper
88	100		
43	27.5	23.8	35.6
58	65.2	54.2	81.2

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#50

Toluene-d8

Concen: 46.189 ug/l

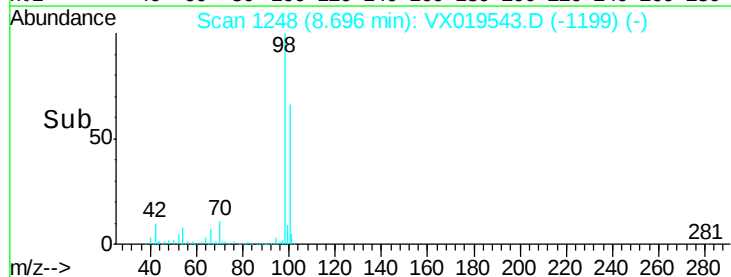
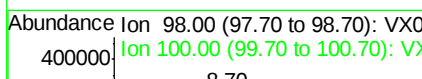
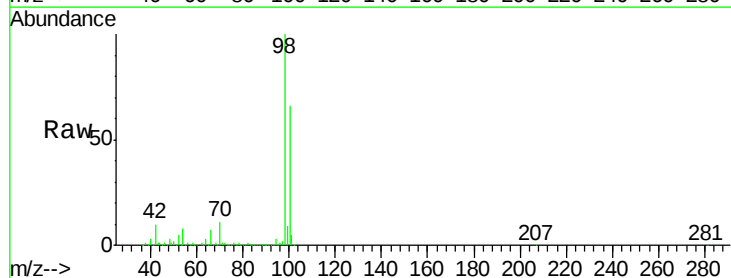
RT: 8.70 min Scan# 1248

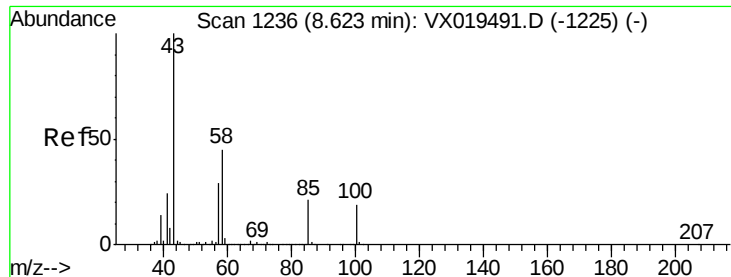
Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion:	98	Resp:	569412
Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.4	78.6





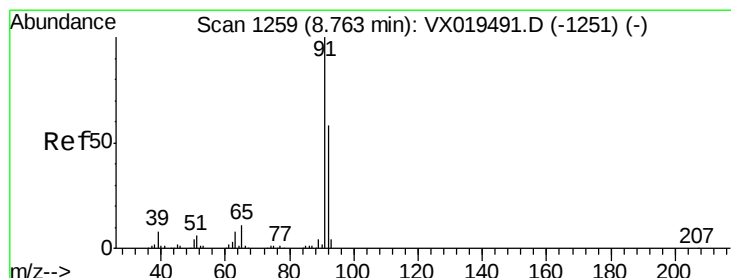
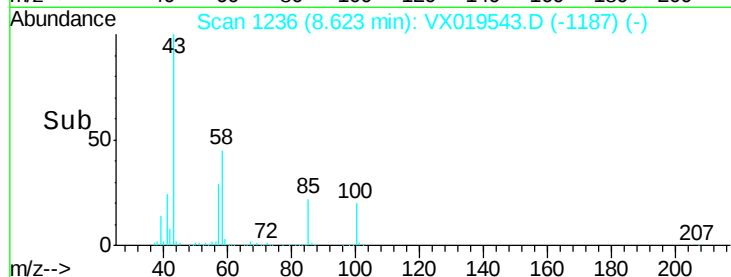
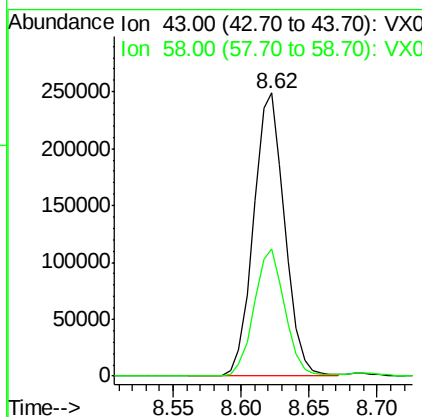
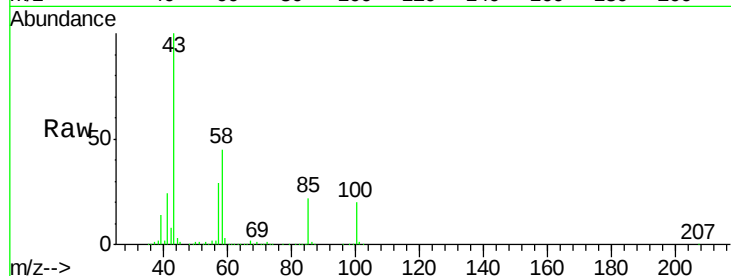
#51
 4-Methyl-2-Pentanone
 Concen: 91.725 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Tot Ion: 43 Resp: 399954
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.1 52.7

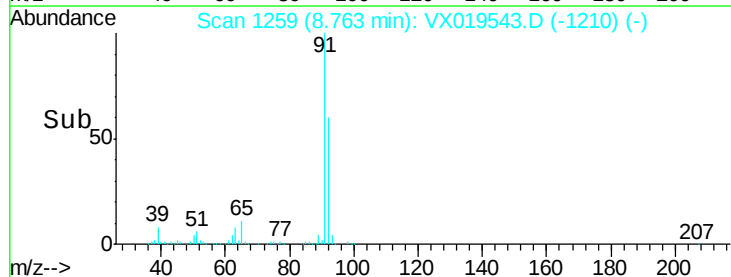
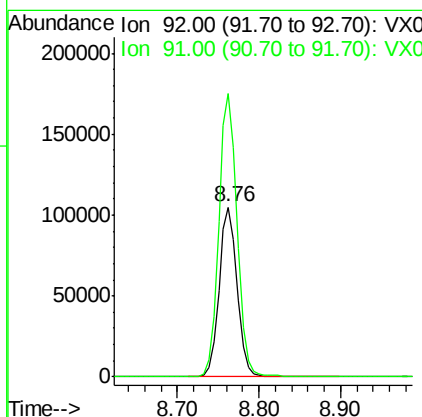
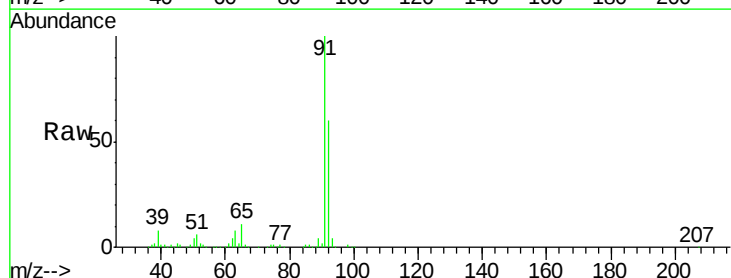
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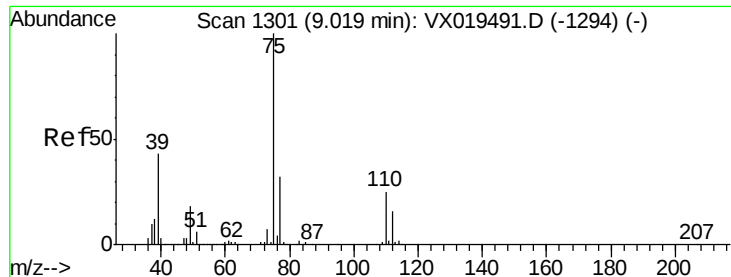
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#52
 Toluene
 Concen: 18.173 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion: 92 Resp: 161850
 Ion Ratio Lower Upper
 92 100
 91 169.3 138.1 207.1





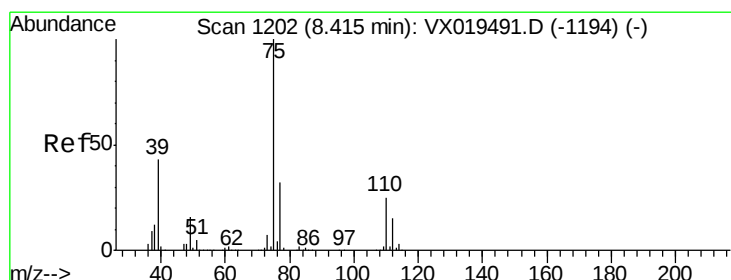
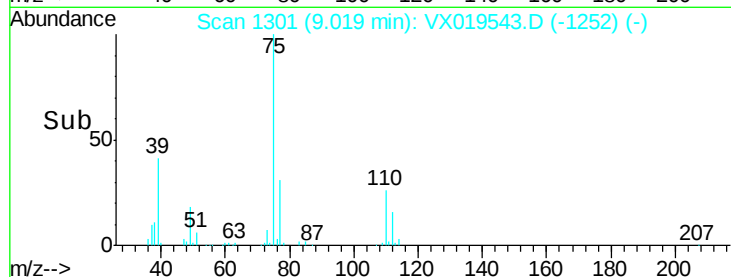
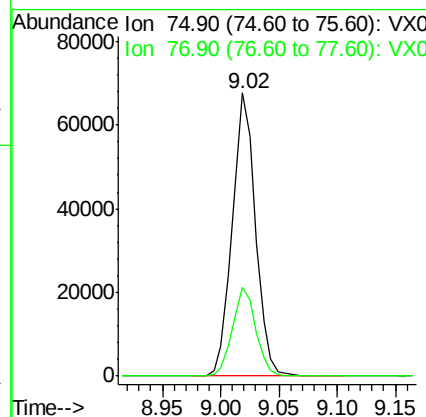
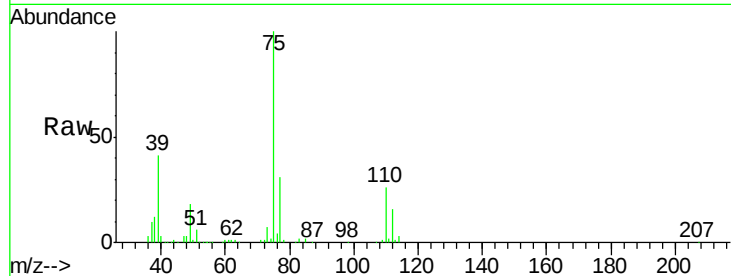
#53
t-1,3-Dichloropropene
Concen: 18.330 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion: 75 Resp: 94229
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9

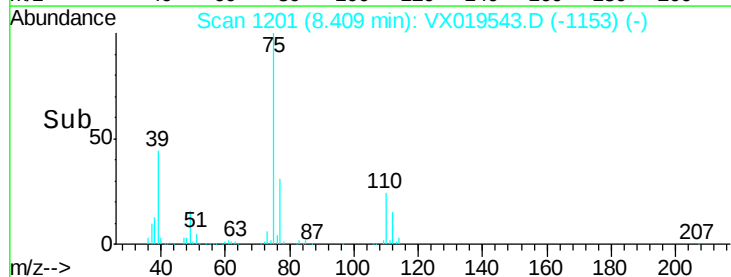
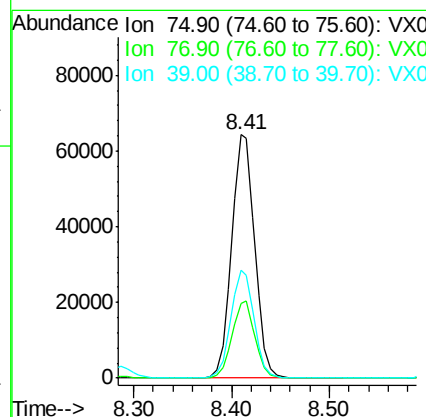
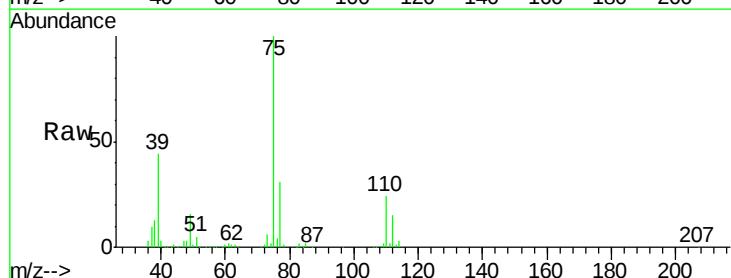
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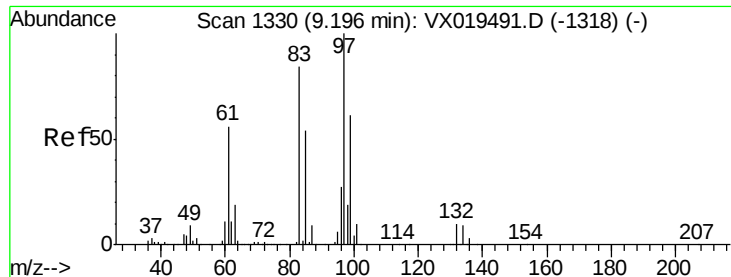
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#54
cis-1,3-Dichloropropene
Concen: 18.379 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 75 Resp: 104851
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6
39 44.1 34.6 51.8





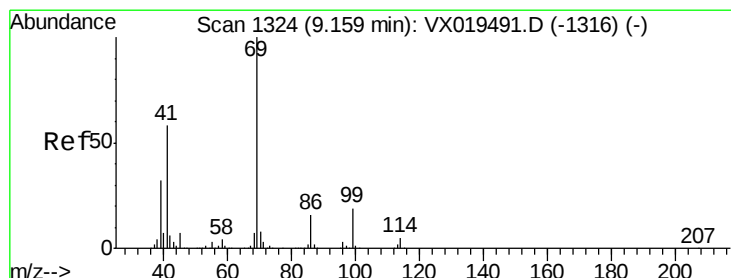
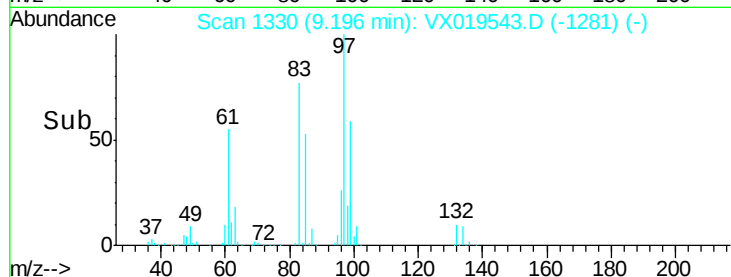
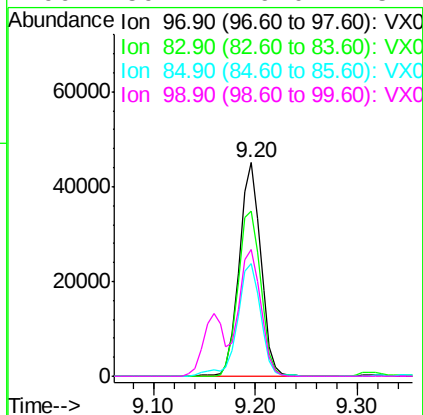
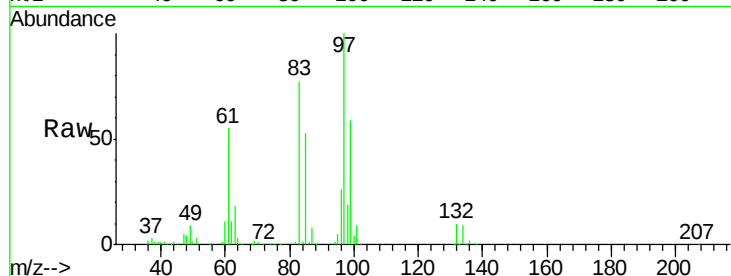
#55
 1,1,2-Trichloroethane
 Concen: 18.109 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Tot Ion:	97	Resp:	65682
Ion	Ratio	Lower	Upper
97	100		
83	77.4	67.0	100.6
85	52.9	43.4	65.0
99	59.1	49.0	73.4

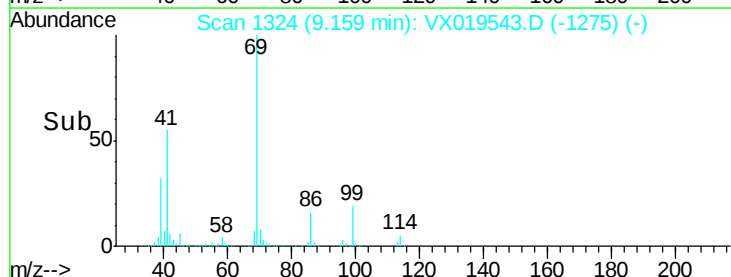
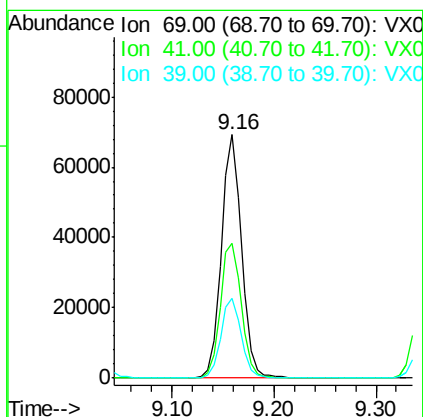
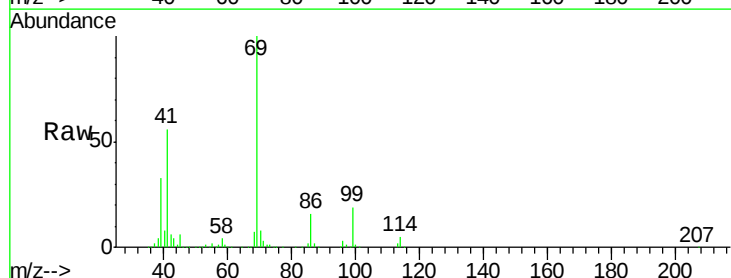
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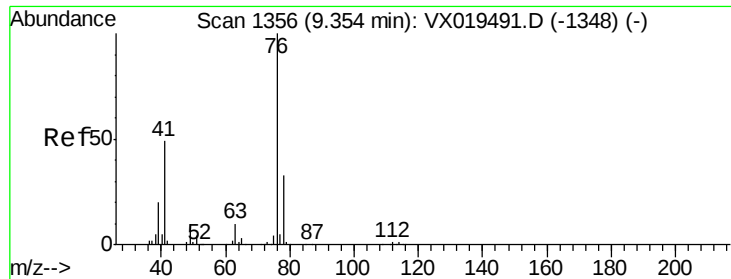
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#56
 Ethyl methacrylate
 Concen: 18.610 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion:	69	Resp:	95515
Ion	Ratio	Lower	Upper
69	100		
41	57.9	46.2	69.2
39	33.1	25.5	38.3





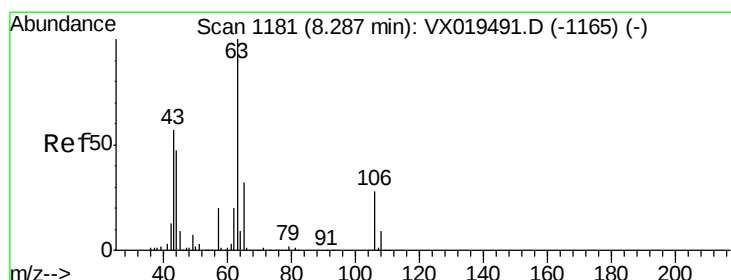
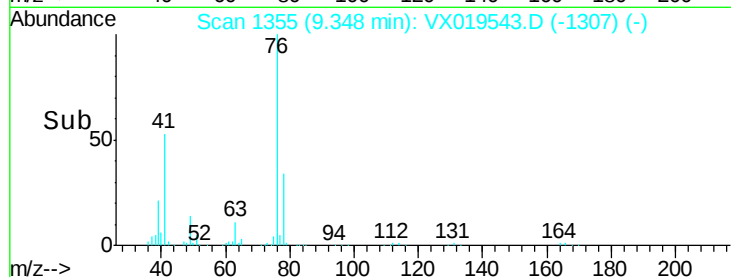
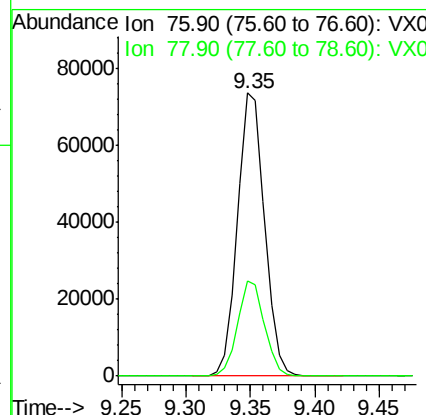
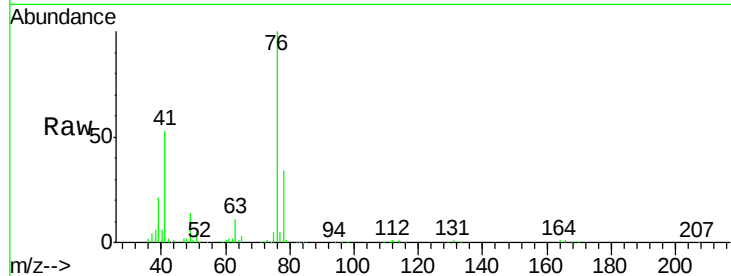
#57
 1,3-Dichloropropane
 Concen: 17.782 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.7	38.5

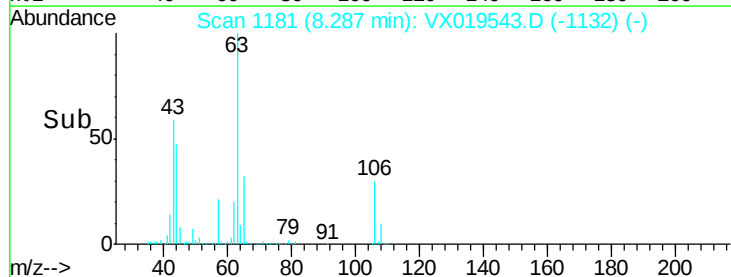
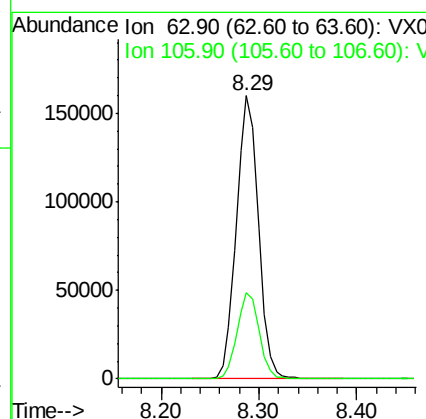
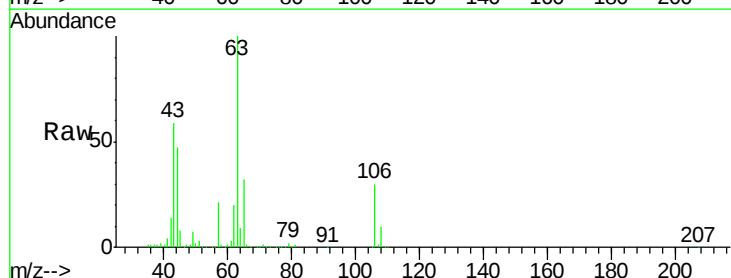
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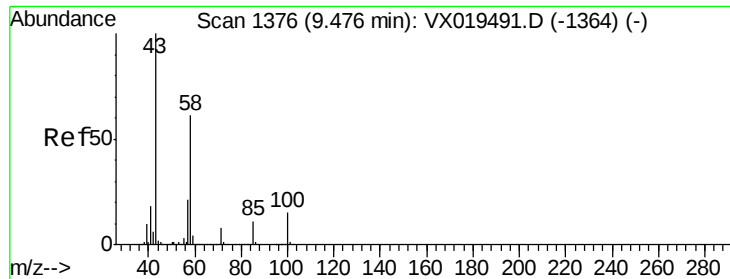
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#58
 2-Chloroethyl Vinyl ether
 Concen: 83.371 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.6	23.7	35.5





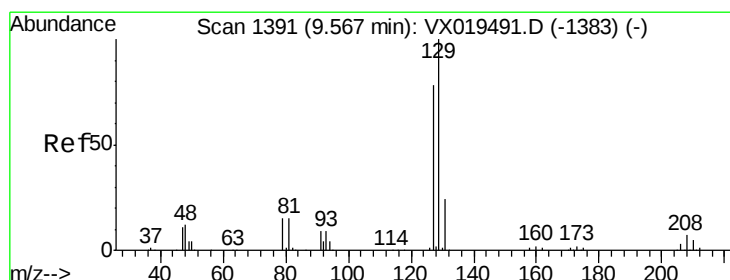
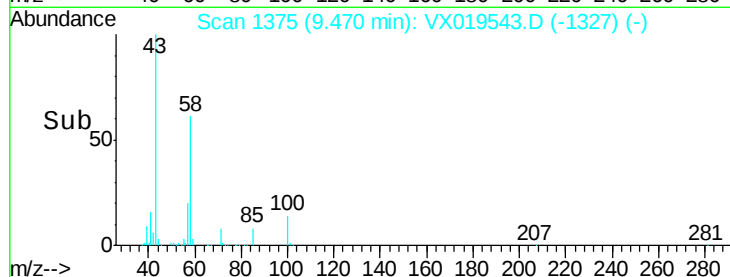
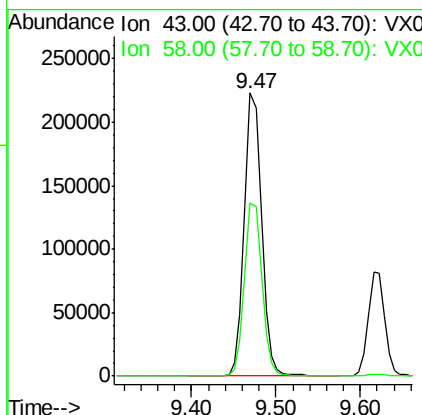
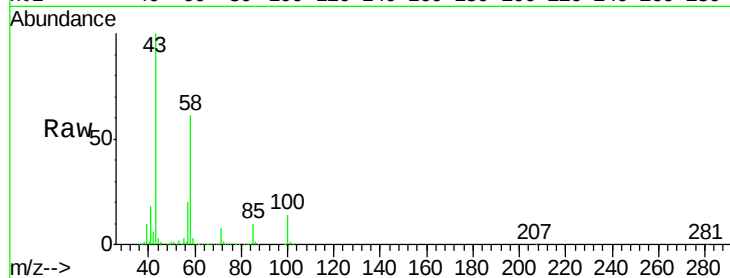
#59
2-Hexanone
Concen: 92.577 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.1	30.6	91.6

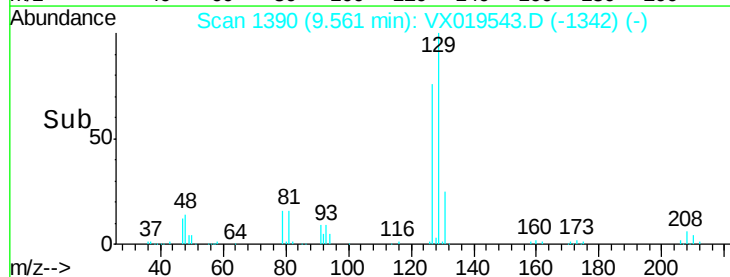
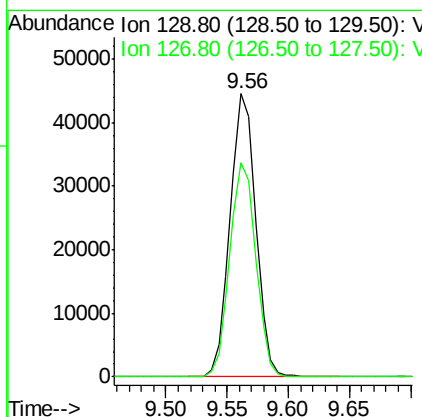
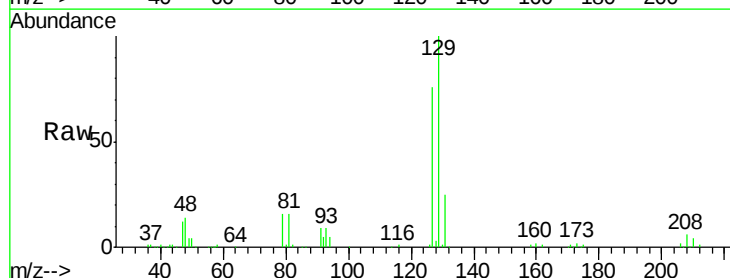
Manual Integrations
APPROVED

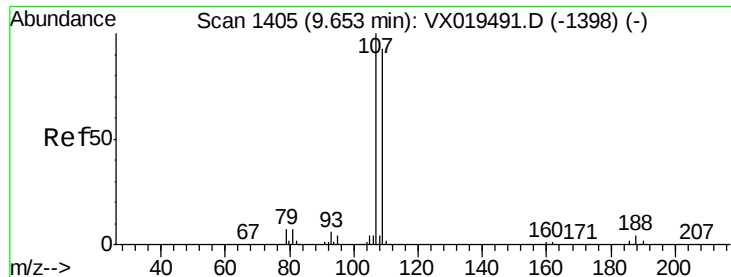
MMDadoda
11/24/2020 2:59:28 PM



#60
Dibromochloromethane
Concen: 18.200 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	39.0	116.9





#61

1,2-Dibromoethane

Concen: 17.961 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

Tot Ion:107 Resp: 67150

Ion Ratio Lower Upper

107 100

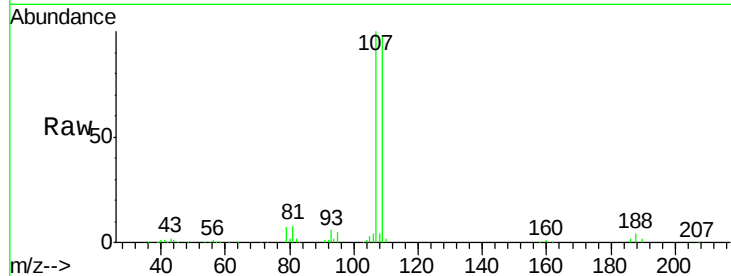
109 95.2 74.8 112.2

Manual Integrations

APPROVED

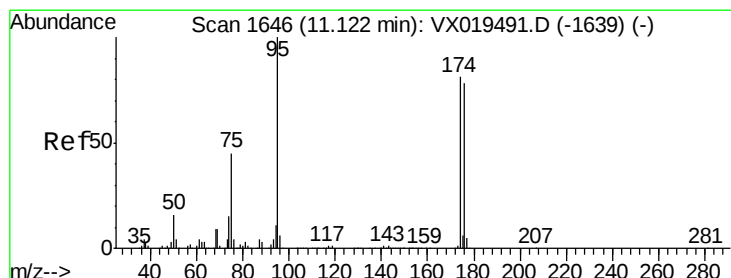
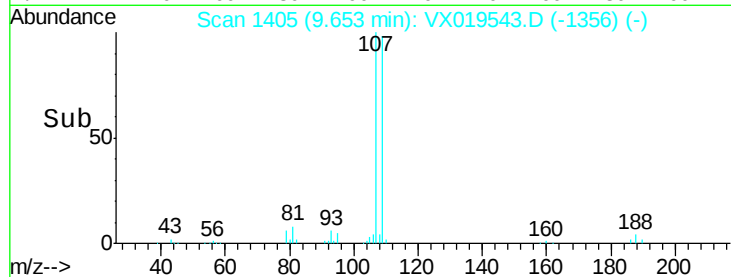
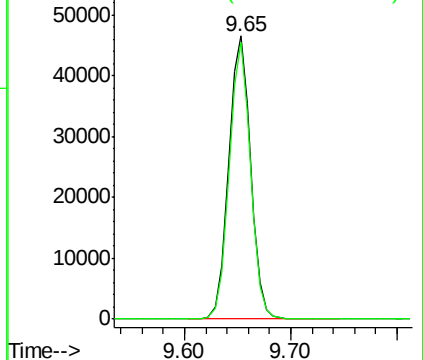
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.088 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

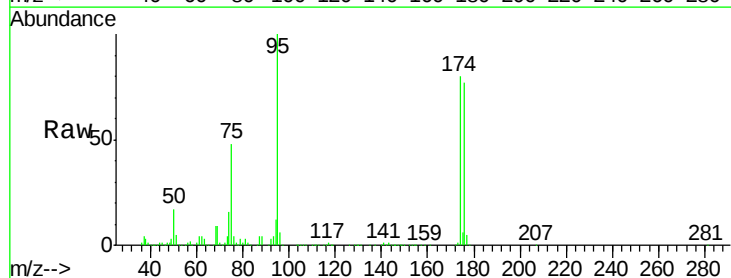
Tgt Ion: 95 Resp: 208855

Ion Ratio Lower Upper

95 100

174 76.7 0.0 156.2

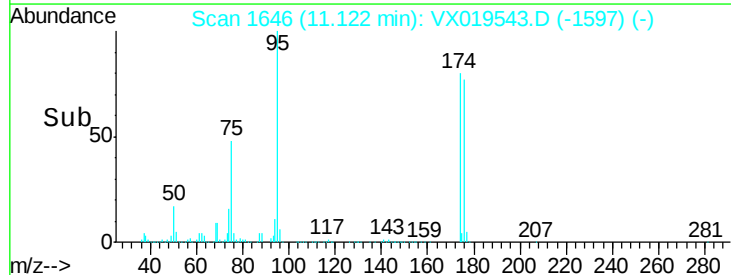
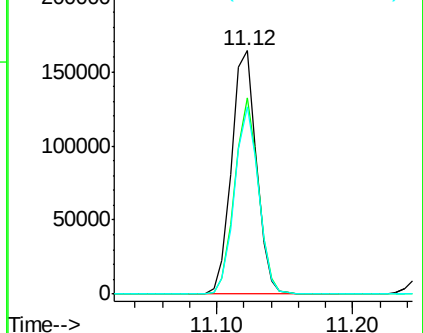
176 74.3 0.0 151.4

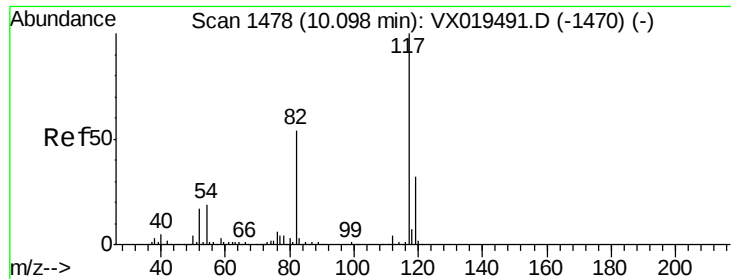


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





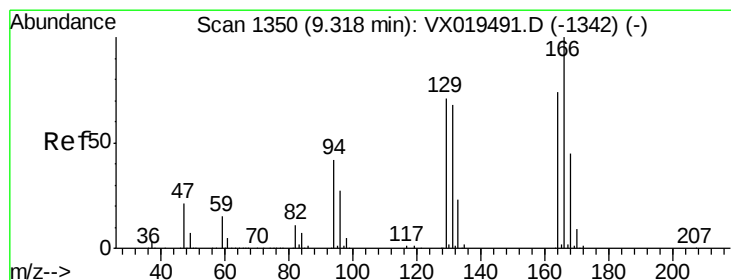
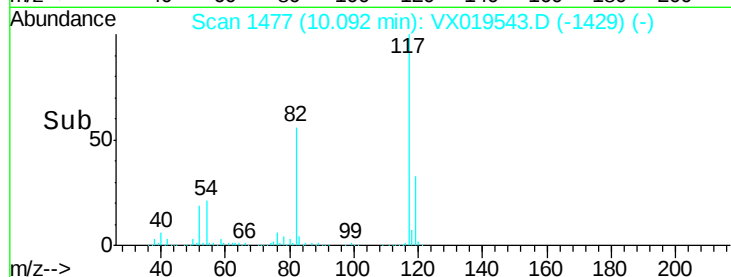
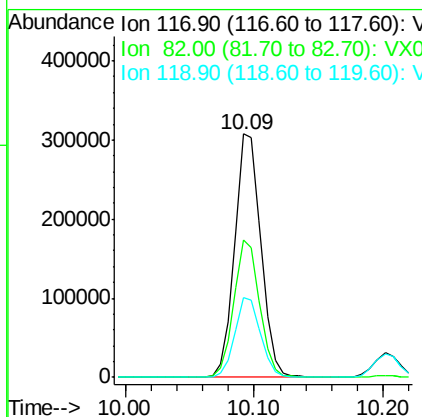
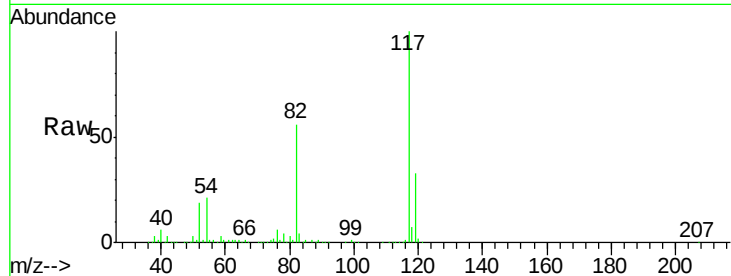
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	437052		
82	56.5	43.0	64.4	
119	32.7	25.6	38.4	

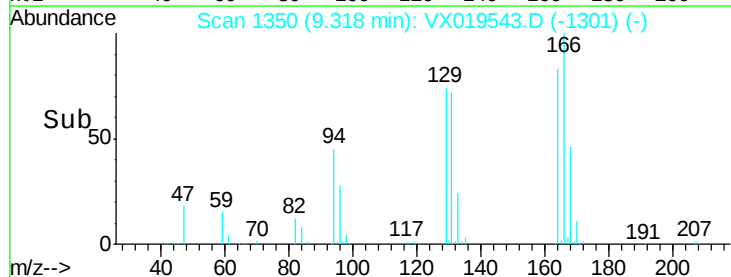
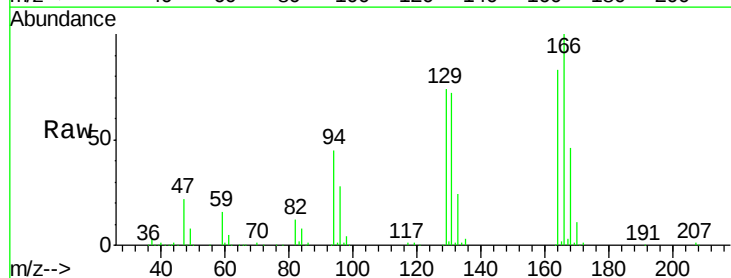
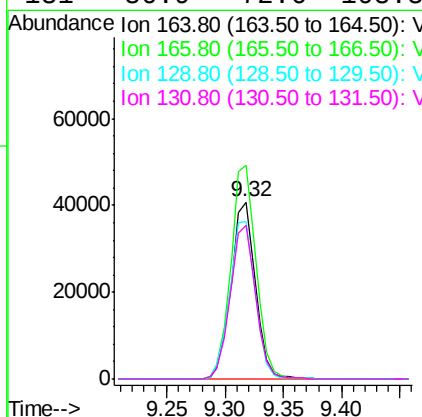
Manual Integrations
APPROVED

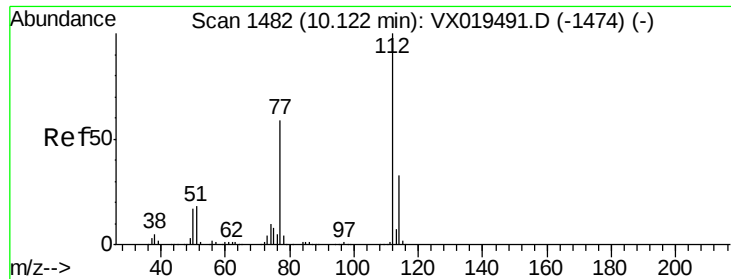
MMDadoda
11/24/2020 2:59:28 PM



#64
Tetrachloroethene
Concen: 17.469 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60015		
166	120.5	107.4	161.0	
129	89.1	76.6	114.8	
131	86.9	72.6	108.8	





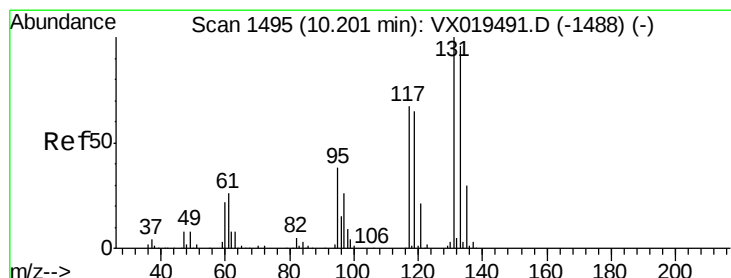
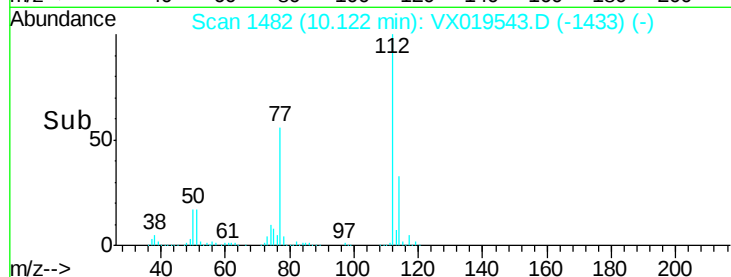
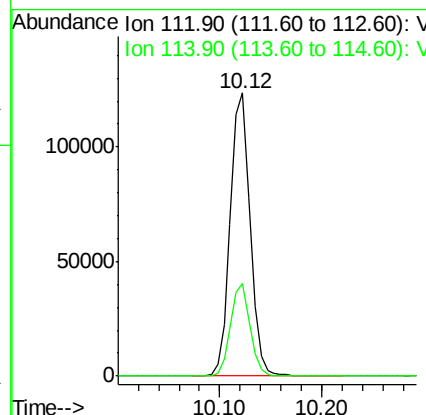
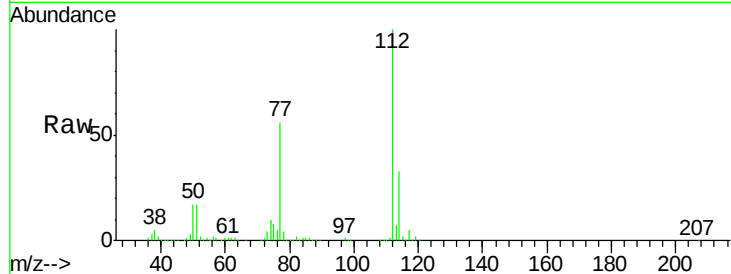
#65
Chlorobenzene
Concen: 18.532 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion:112 Resp: 166528
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0

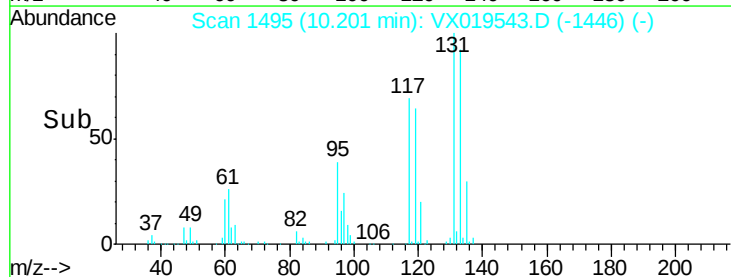
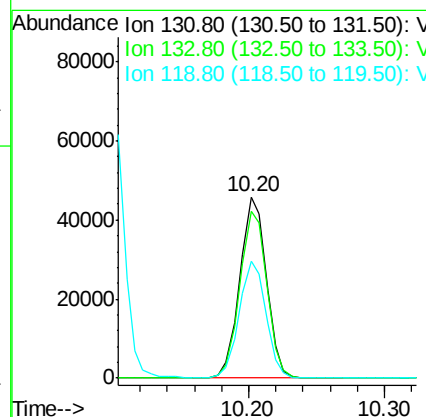
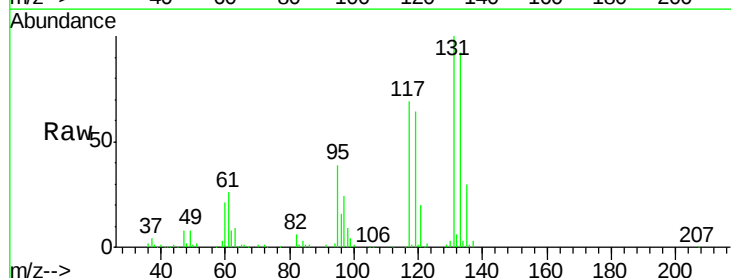
Manual Integrations
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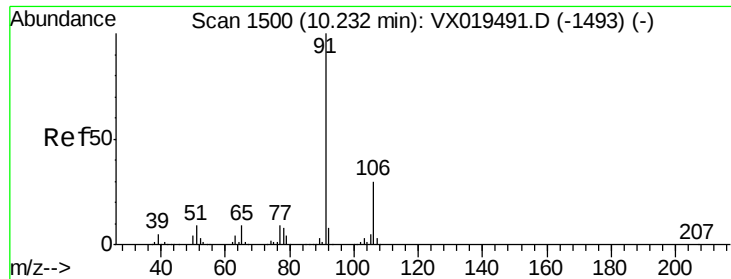
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.037 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion:131 Resp: 62223
Ion Ratio Lower Upper
131 100
133 93.7 48.5 145.5
119 65.1 33.0 99.0





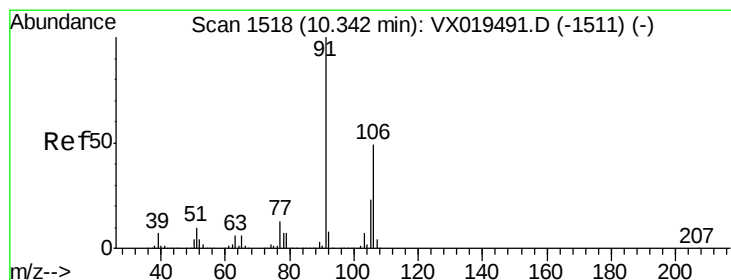
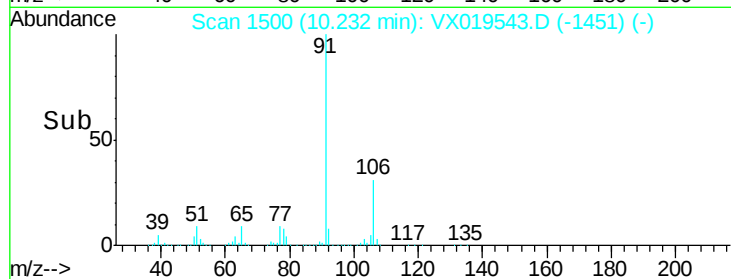
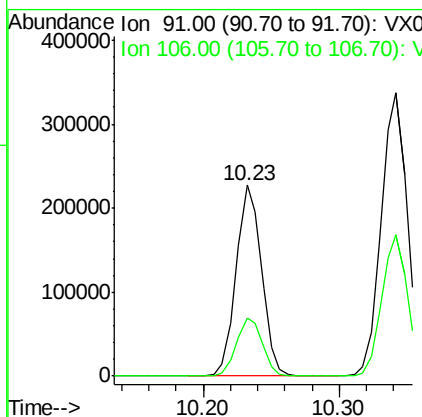
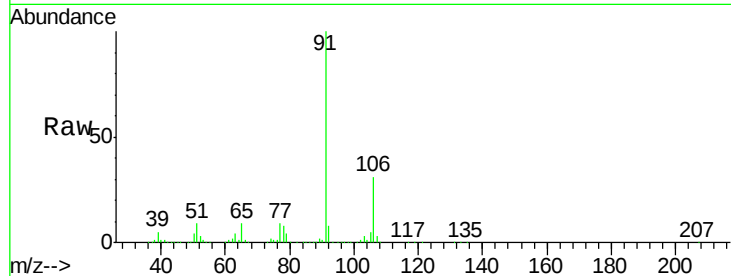
#67
Ethyl Benzene
Concen: 18.881 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion: 91 Resp: 297223
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0

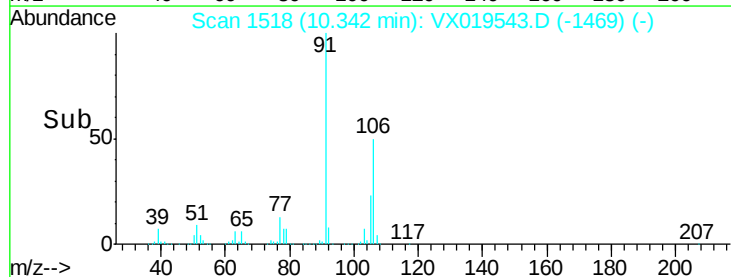
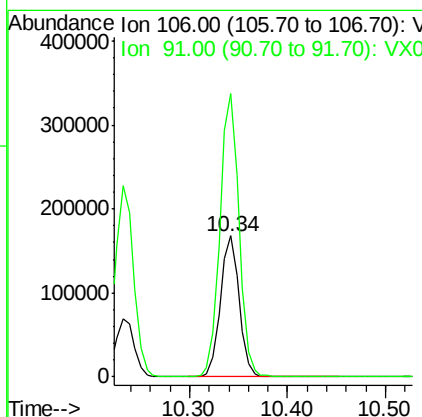
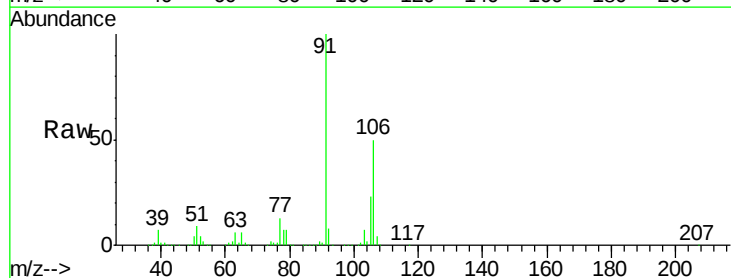
Manual Integrations
APPROVED

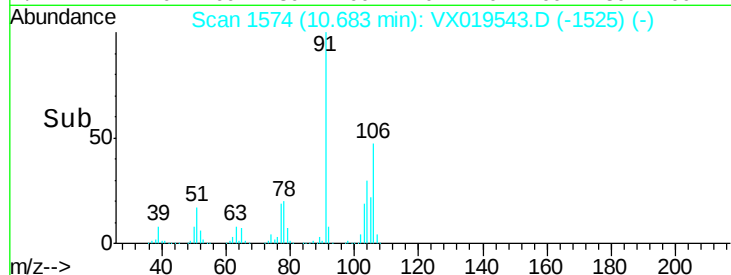
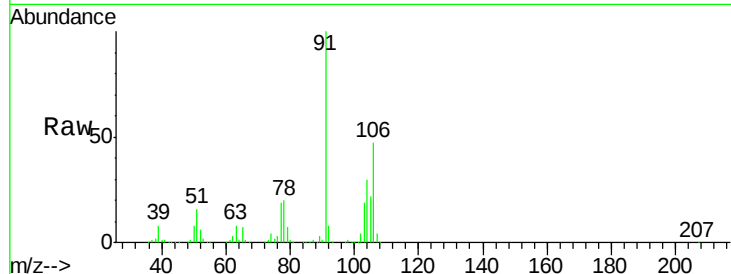
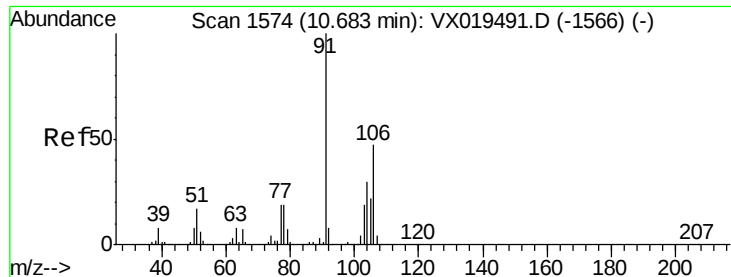
MMDadoda
11/24/2020 2:59:28 PM



#68
m/p-Xylenes
Concen: 37.992 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 106 Resp: 222819
Ion Ratio Lower Upper
106 100
91 203.7 163.3 244.9





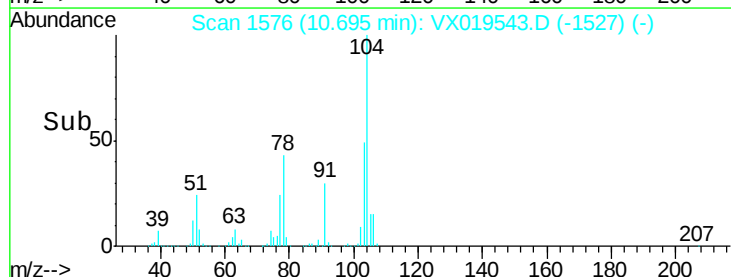
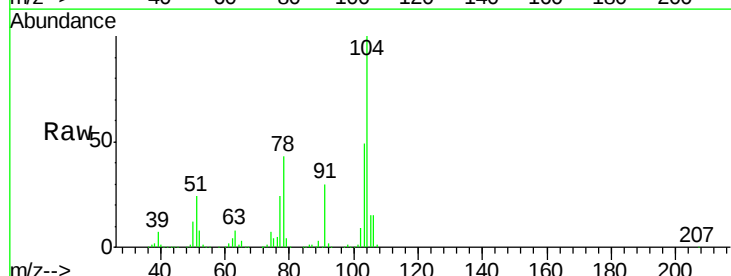
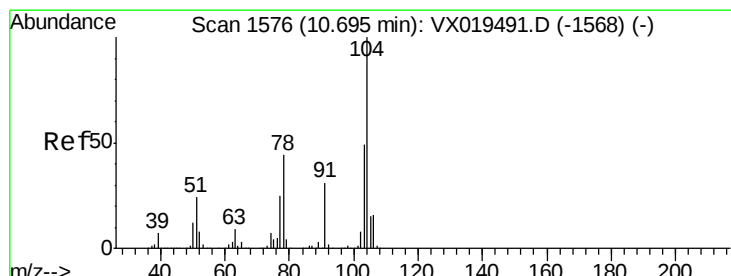
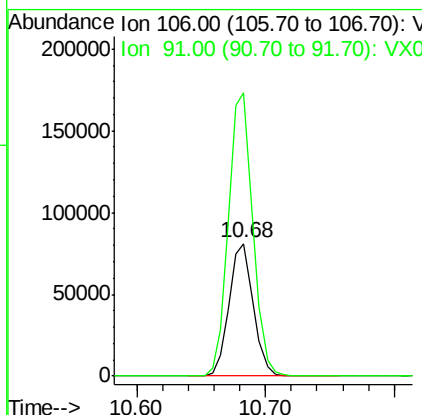
#69
o-Xylene
Concen: 19.127 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tot Ion	Ratio	Resp	Lower	Upper
106	100	107234		
91	215.4	108.0	324.0	

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

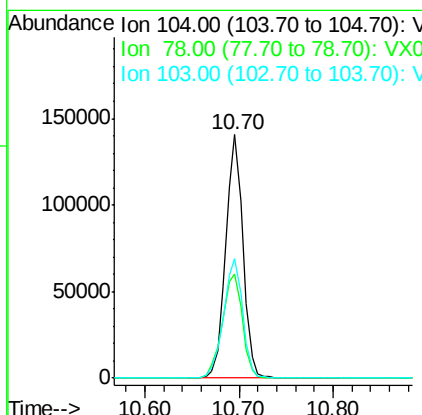
Manual Integrations
APPROVED

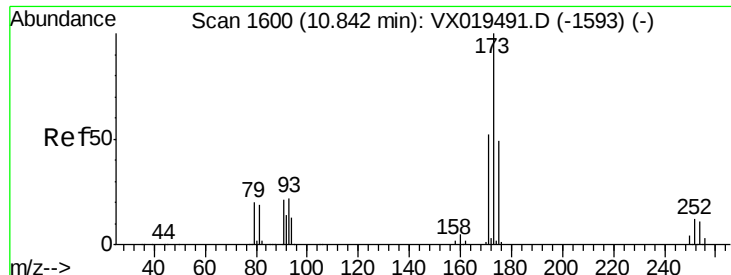
MMDadoda
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#70
Styrene
Concen: 18.282 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	178527		
78	49.9	39.5	59.3	
103	54.3	43.6	65.4	





#71

Bromoform

Concen: 19.068 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

Tot Ion:173 Resp: 46145

Ion Ratio Lower Upper

173 100

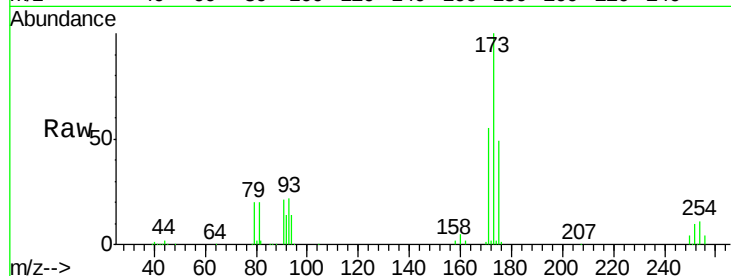
175 47.8 24.9 74.8

254 0.0 0.1 0.1#

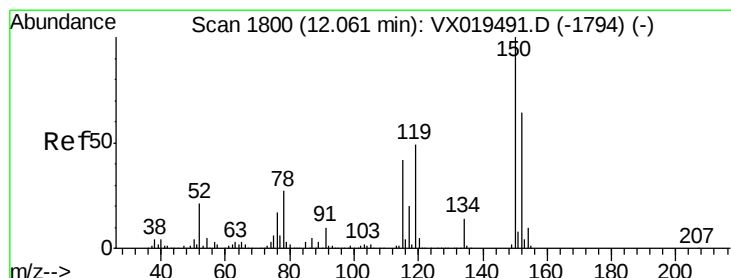
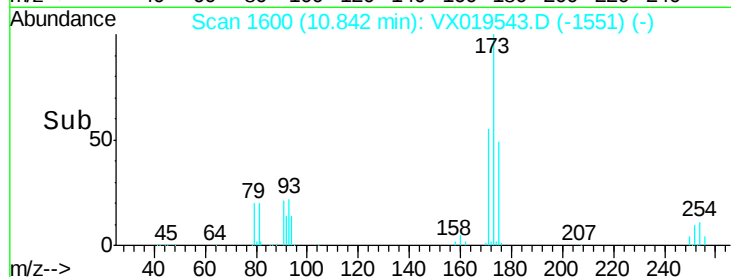
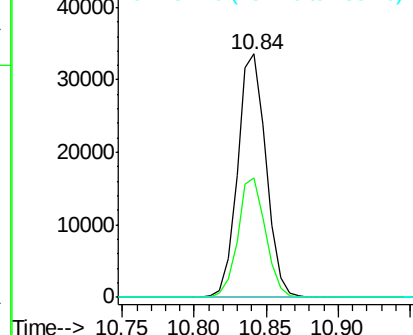
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

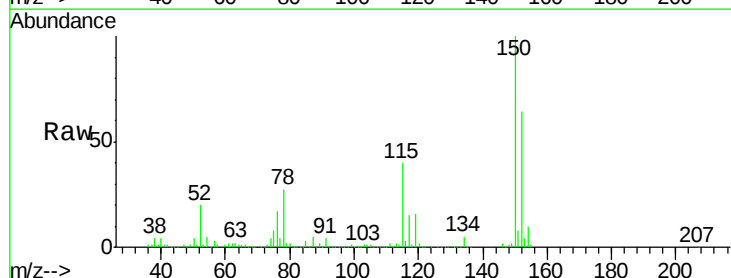
Tgt Ion:152 Resp: 210883

Ion Ratio Lower Upper

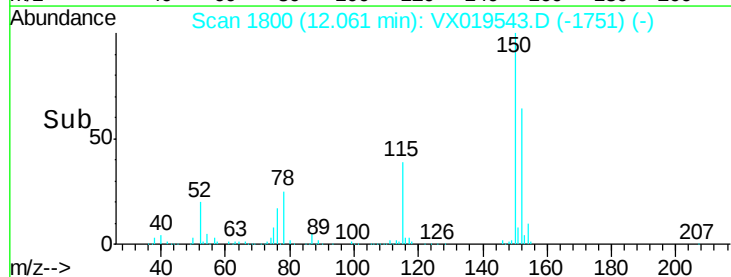
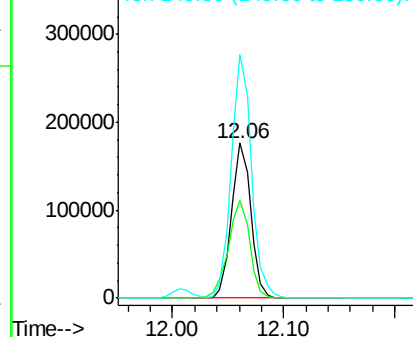
152 100

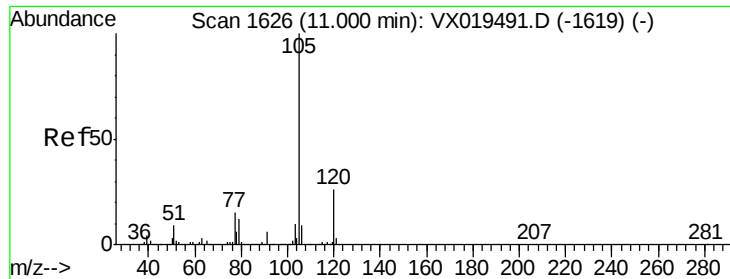
115 69.5 41.8 125.4

150 165.3 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.690 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

Tot Ion: 105 Resp: 287250

Ion Ratio Lower Upper

105 100

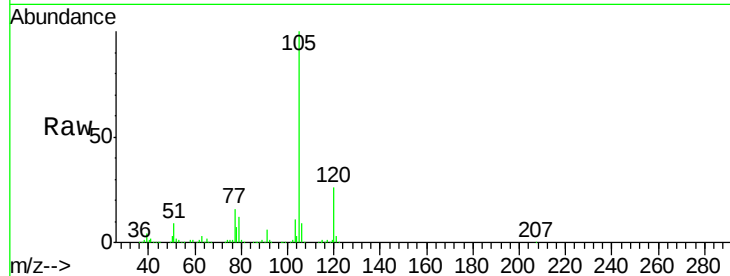
120 26.1 13.0 39.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

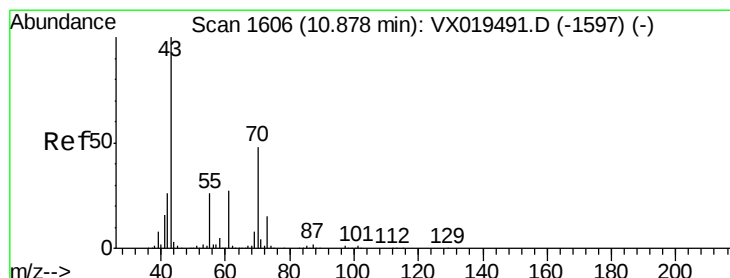
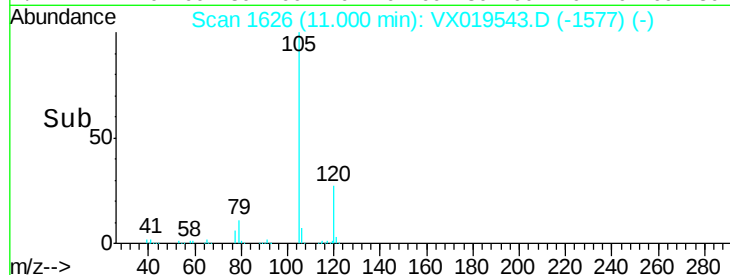
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 20.631 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion: 43 Resp: 112782

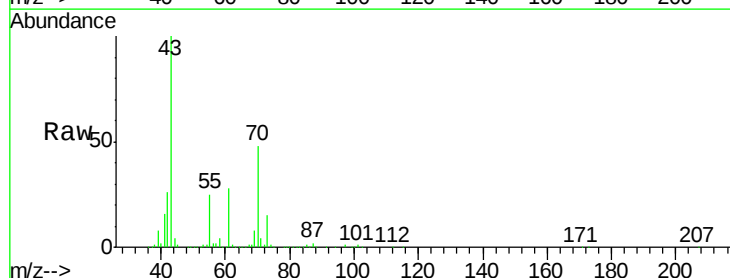
Ion Ratio Lower Upper

43 100

70 49.3 39.7 59.5

55 26.2 21.8 32.6

61 27.9 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

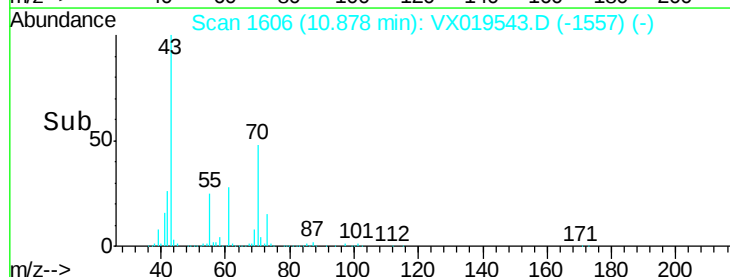
150000

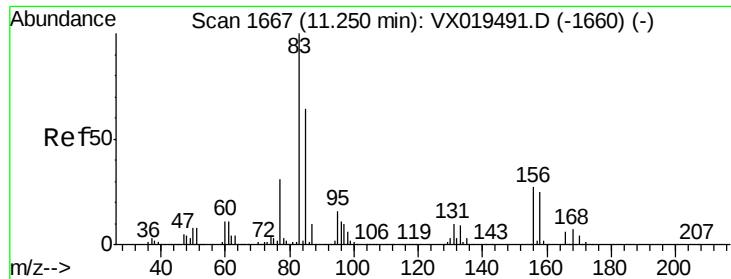
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.045 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

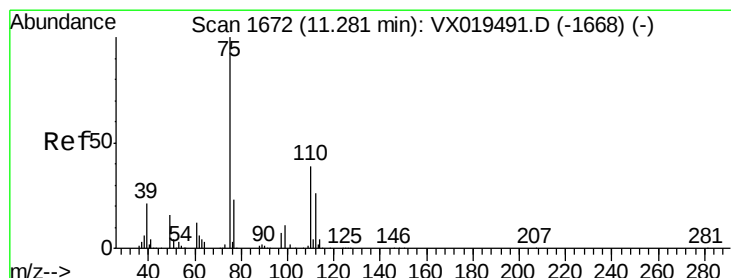
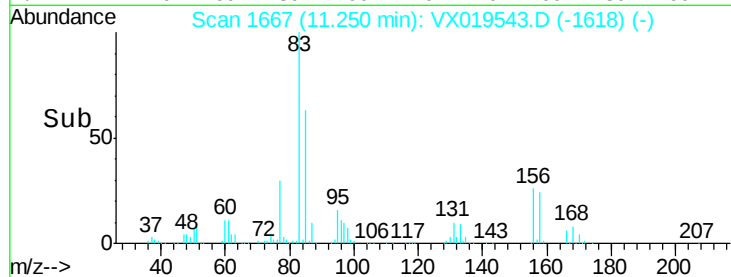
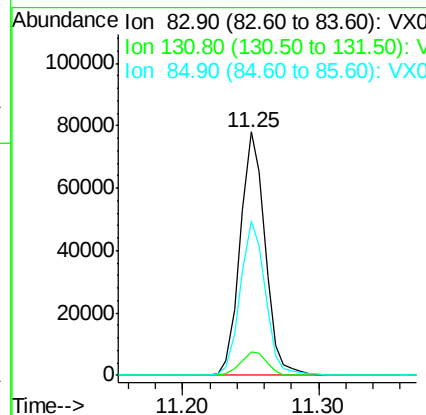
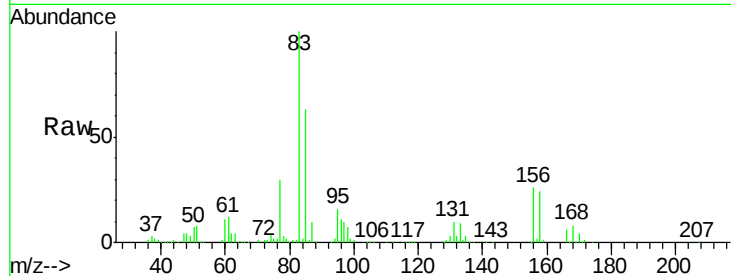
ClientSampleId :

VX1123WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	63.8	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 19.756 ug/l m

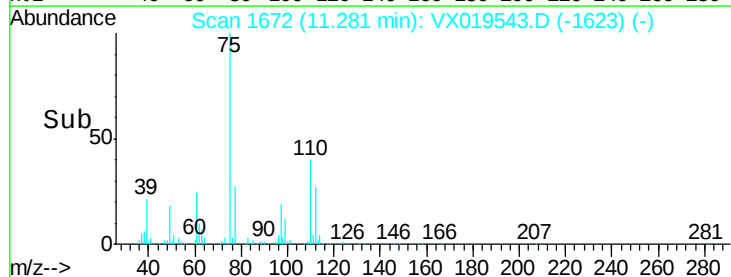
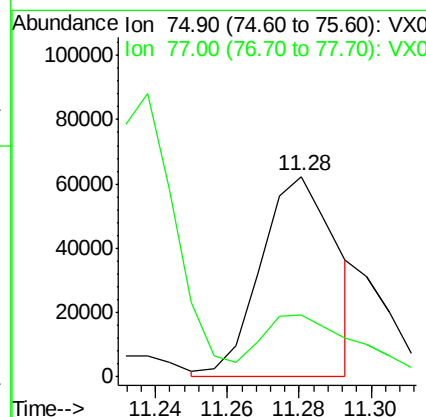
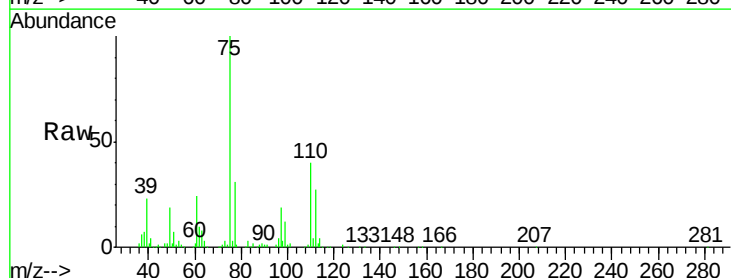
RT: 11.28 min Scan# 1672

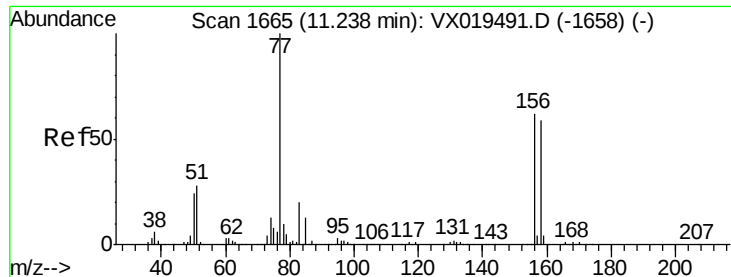
Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.2	20.0	60.0





#77

Bromobenzene

Concen: 19.039 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

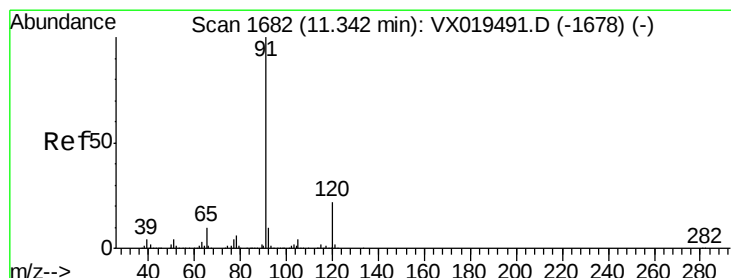
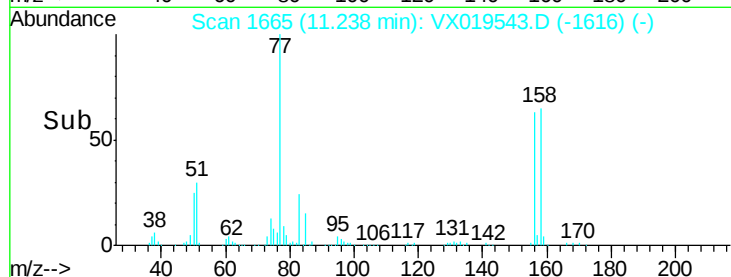
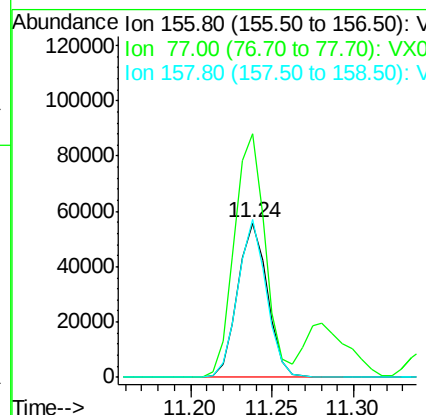
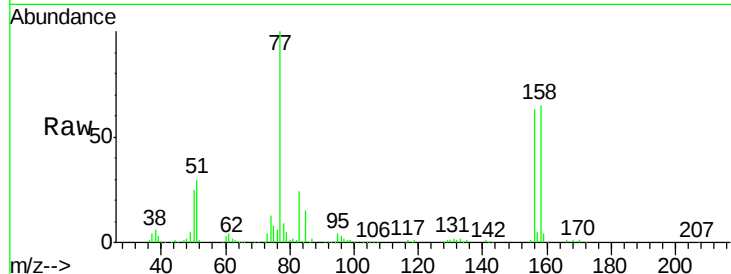
ClientSampleId :

VX1123WBS01

Tot Ion:	156	Resp:	70904
Ion Ratio	Lower	Upper	
156	100		
77	164.0	82.5	247.3
158	98.3	48.9	146.7

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#78

n-propylbenzene

Concen: 19.131 ug/l

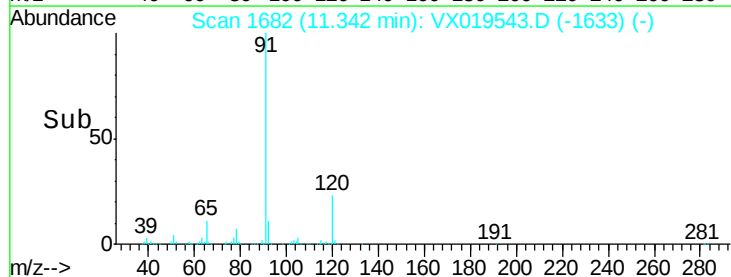
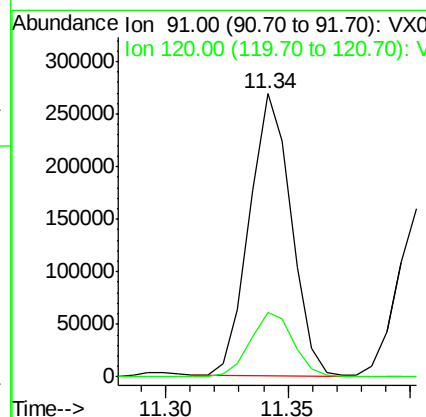
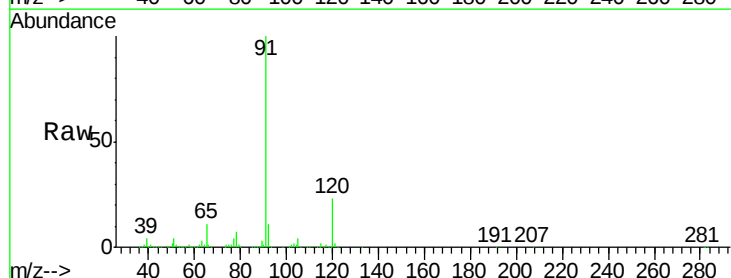
RT: 11.34 min Scan# 1682

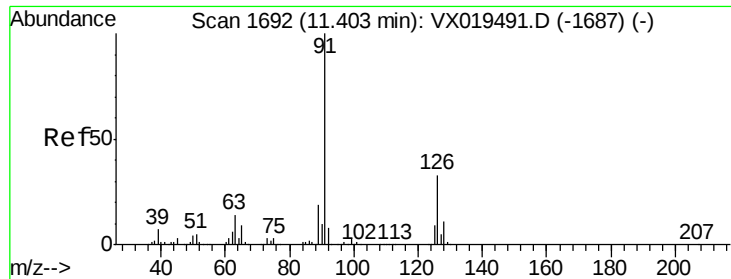
Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion:	91	Resp:	320172
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





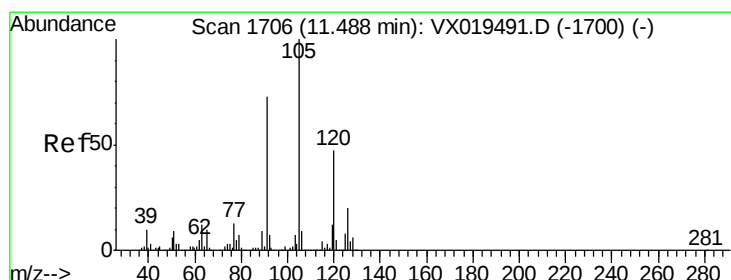
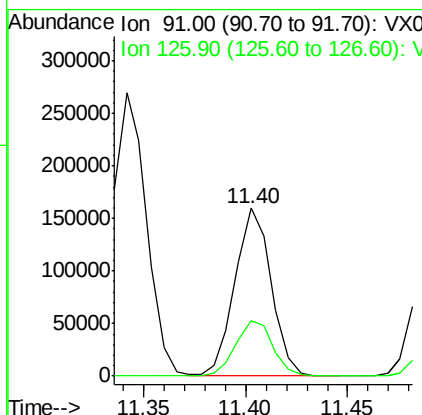
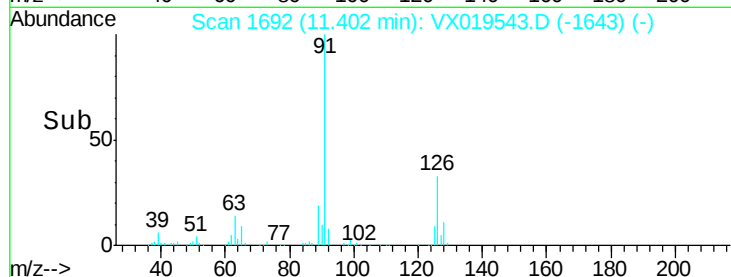
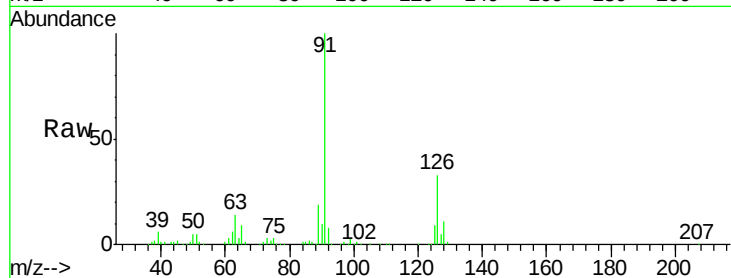
#79
2-Chlorotoluene
Concen: 19.343 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion: 91 Resp: 196325
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0

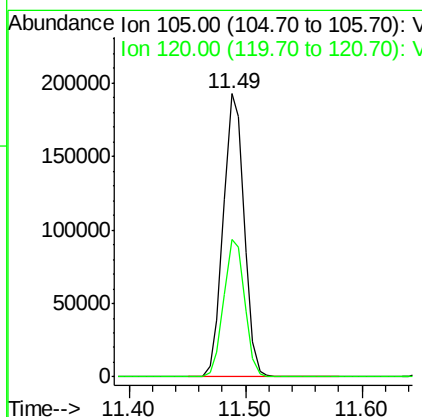
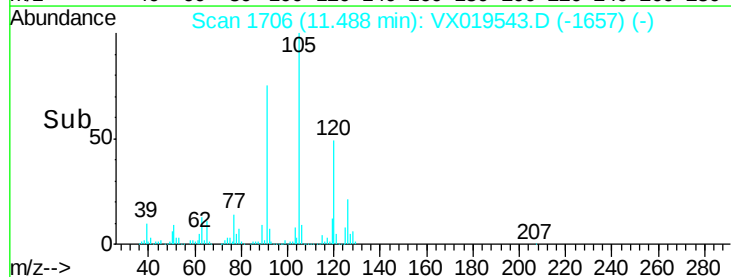
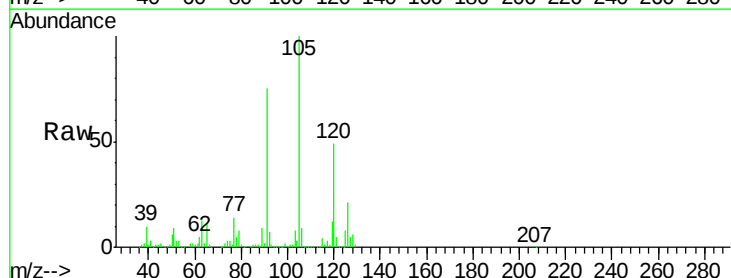
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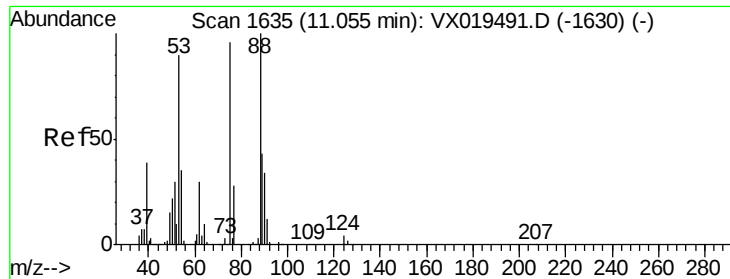
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#80
1,3,5-Trimethylbenzene
Concen: 19.497 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 105 Resp: 238600
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





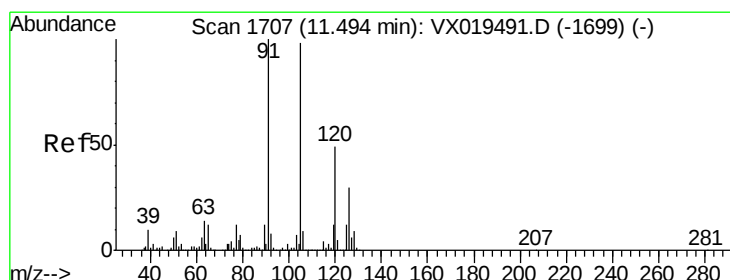
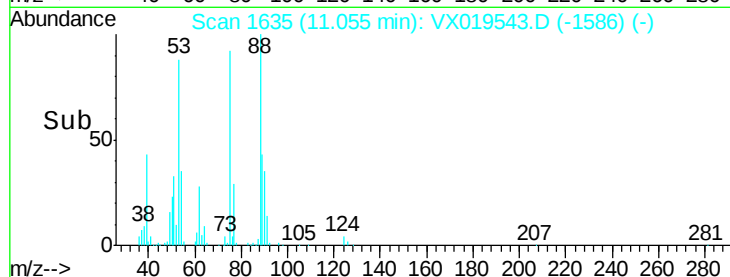
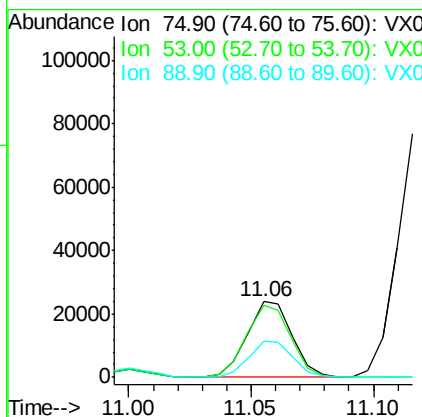
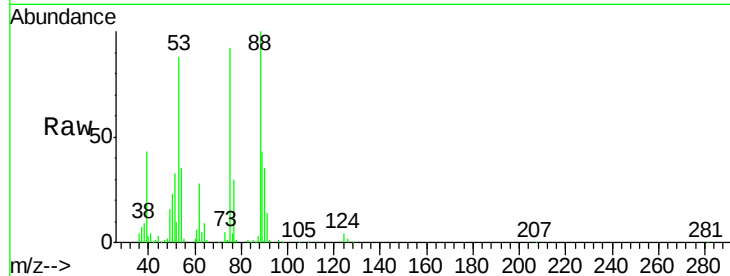
#81
trans-1,4-Dichloro-2-butene
Concen: 20.821 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.5	73.9	110.9
89	46.4	37.3	55.9

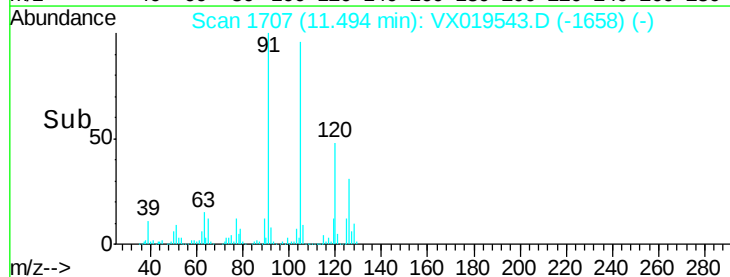
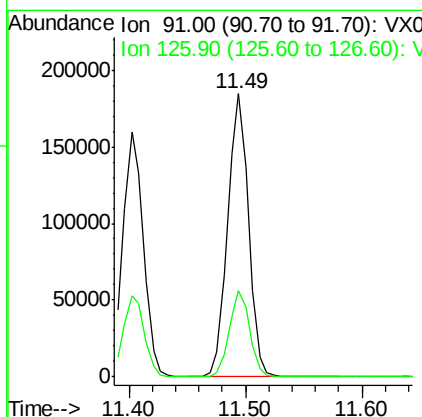
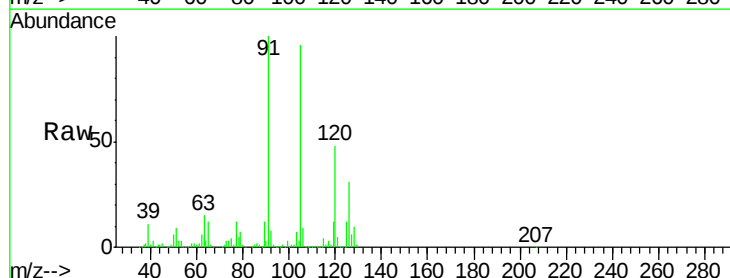
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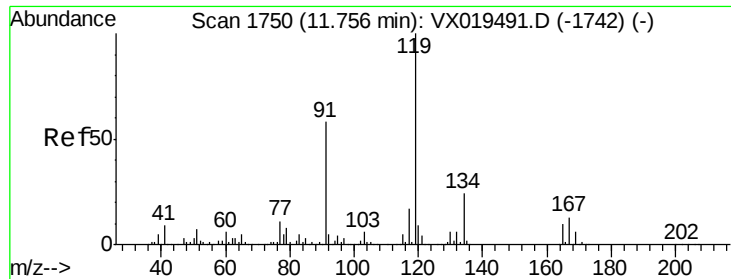
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#82
4-Chlorotoluene
Concen: 19.161 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.9	44.7





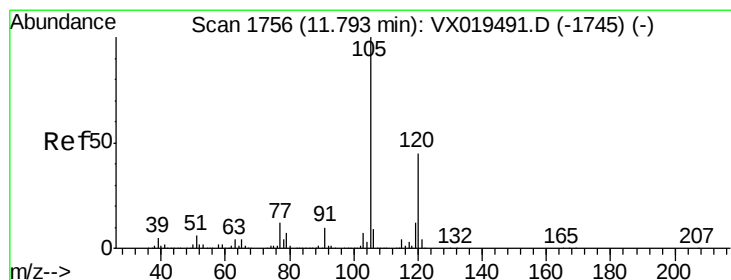
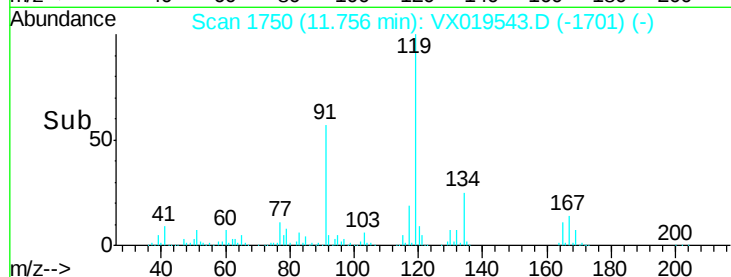
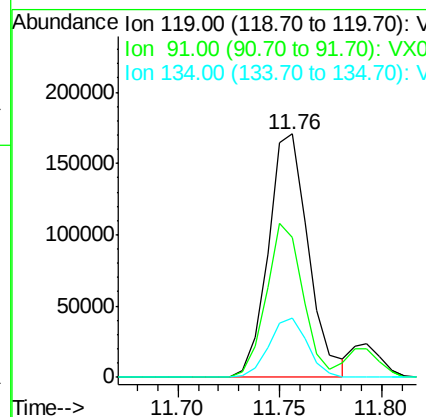
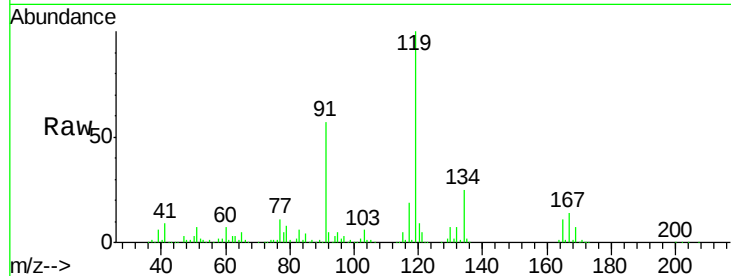
#83
tert-Butylbenzene
Concen: 19.755 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	233889		
91	57.8	28.9	86.8	
134	23.4	11.7	35.0	

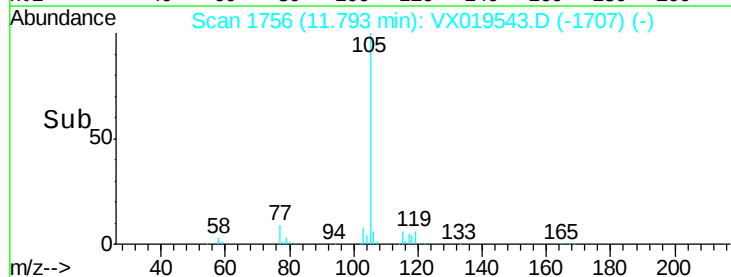
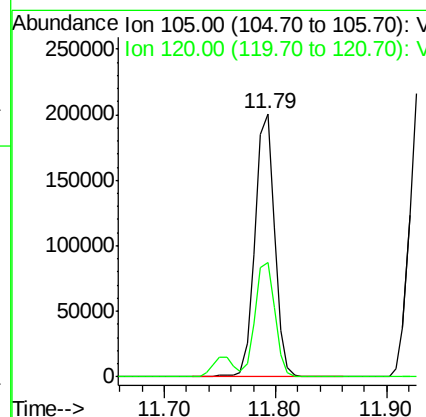
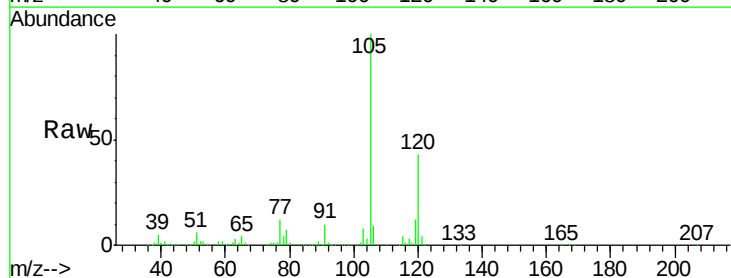
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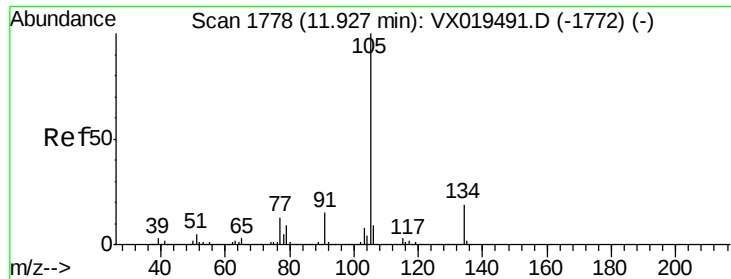
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#84
1,2,4-Trimethylbenzene
Concen: 19.863 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	245949		
120	44.1	22.2	66.6	





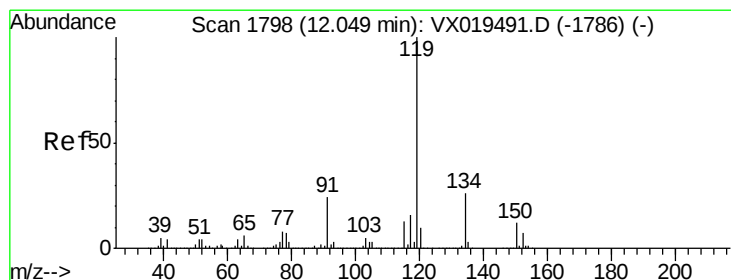
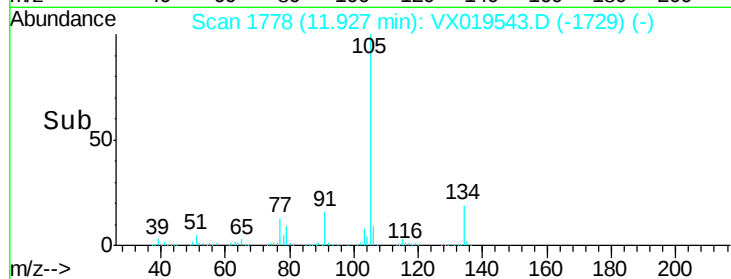
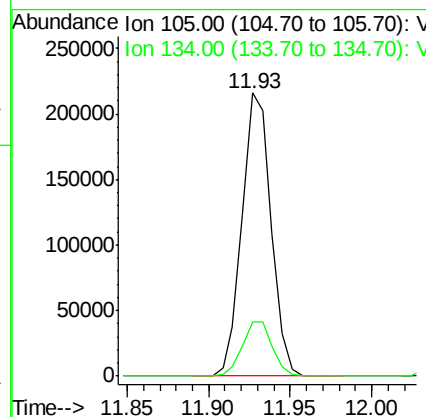
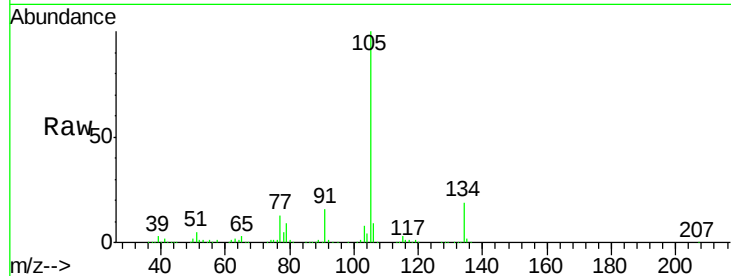
#85
 sec-Butylbenzene
 Concen: 19.031 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	268050		
134	19.9	10.1	30.3	

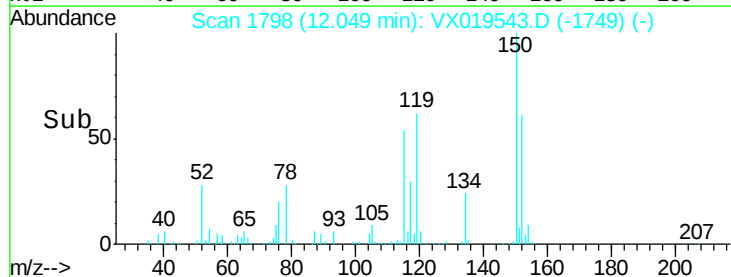
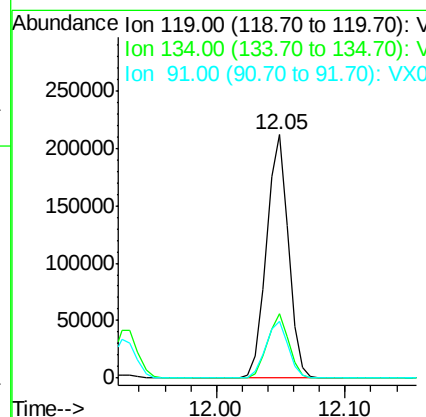
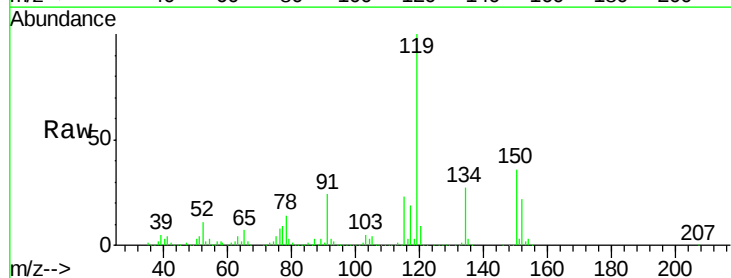
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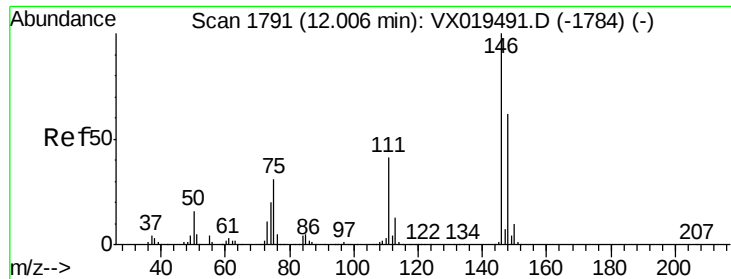
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#86
 p-Isopropyltoluene
 Concen: 19.346 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	247396		
134	26.2	13.1	39.3	
91	24.1	11.8	35.4	





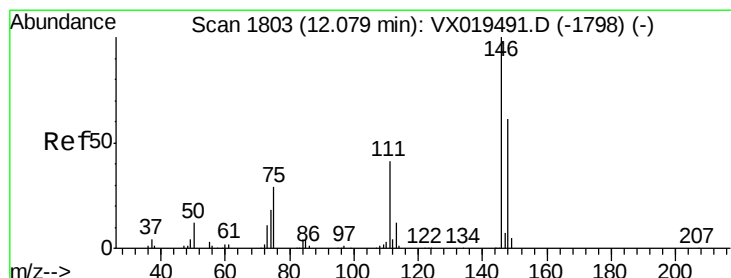
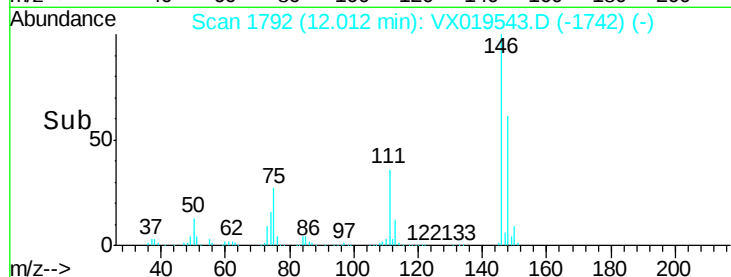
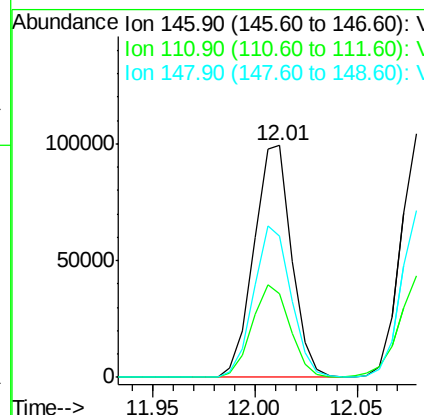
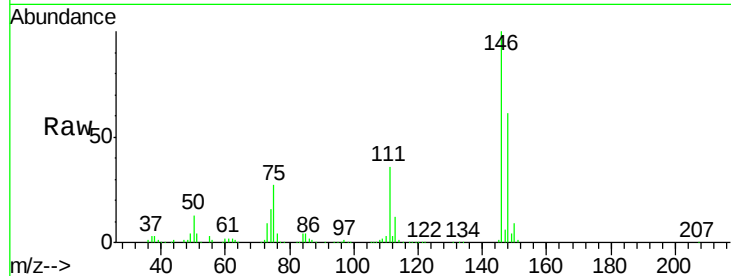
#87
 1,3-Dichlorobenzene
 Concen: 18.699 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.2	60.6
148	64.6	31.4	94.2

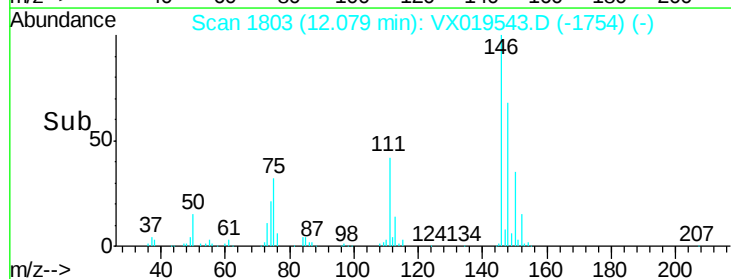
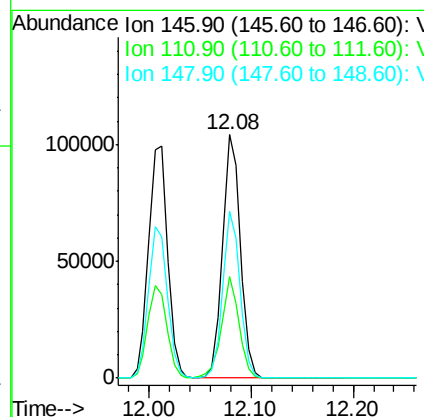
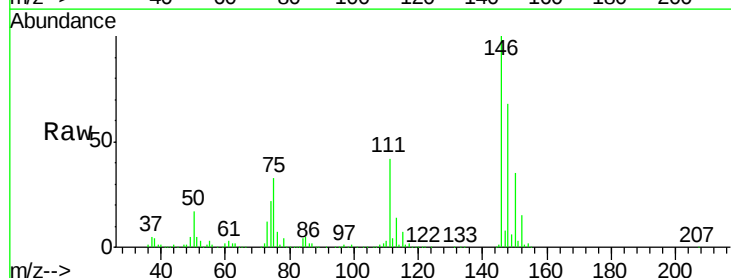
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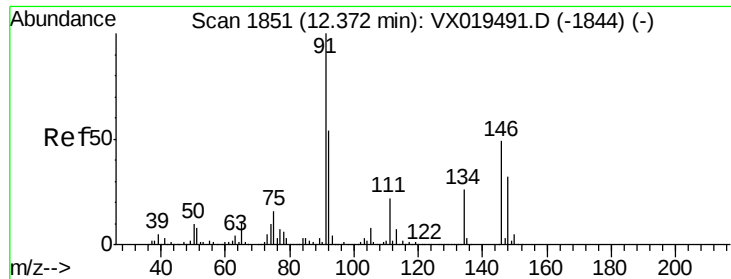
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#88
 1,4-Dichlorobenzene
 Concen: 18.401 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.9	59.6
148	66.3	31.7	95.1





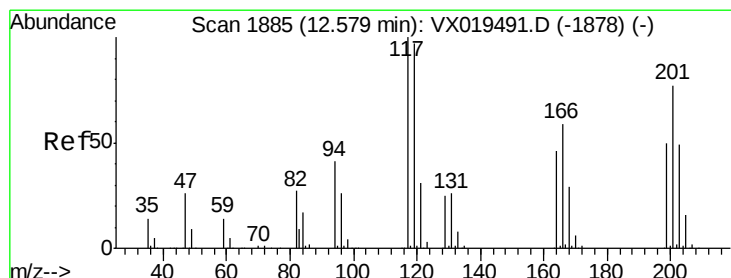
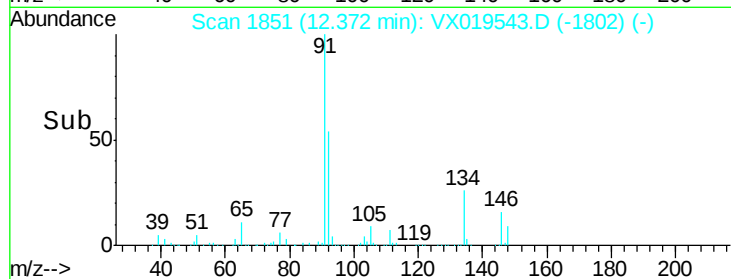
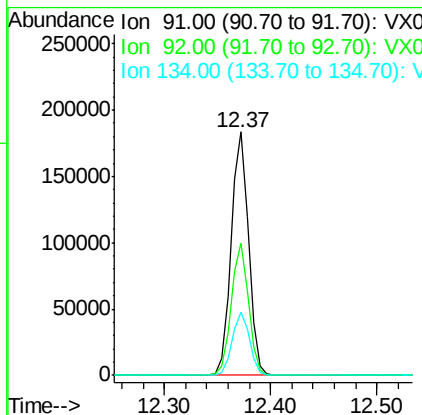
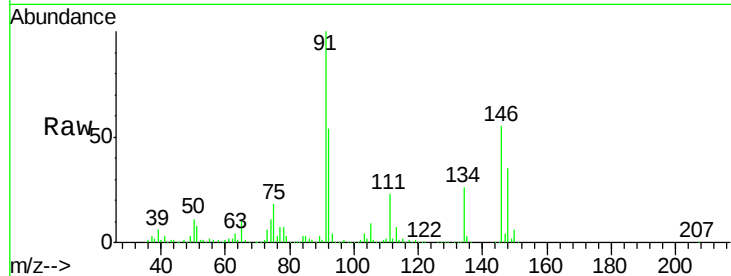
#89
n-Butylbenzene
Concen: 18.186 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.6
134	26.0	12.9	38.6

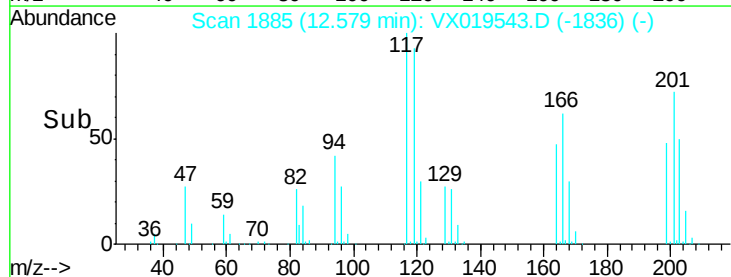
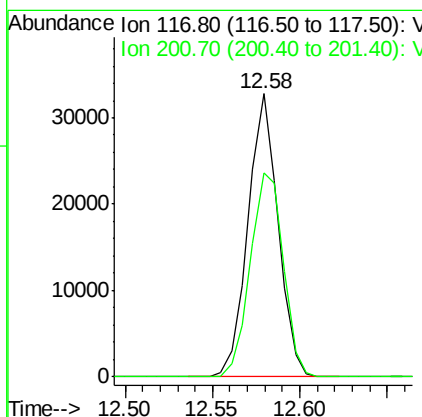
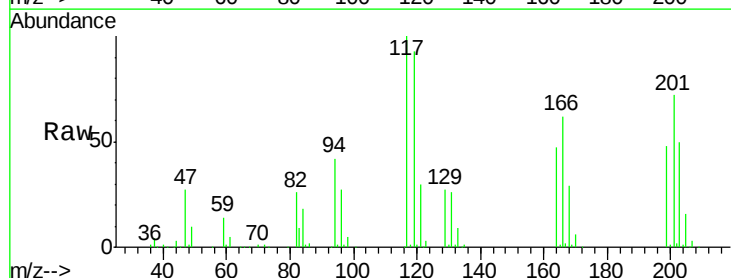
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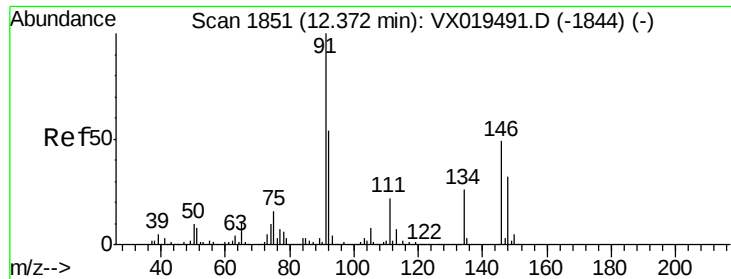
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#90
Hexachloroethane
Concen: 18.312 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	39.4	118.2





#91

1,2-Dichlorobenzene

Concen: 18.503 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

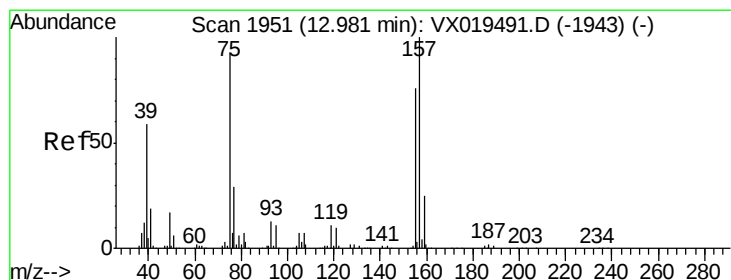
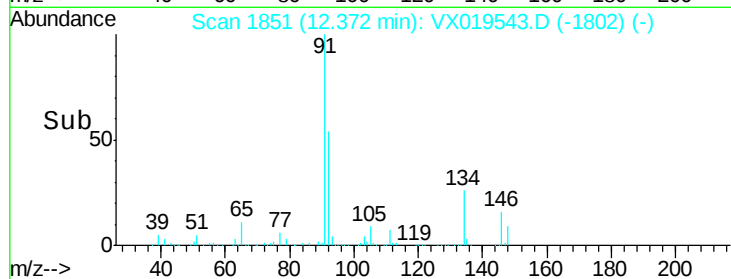
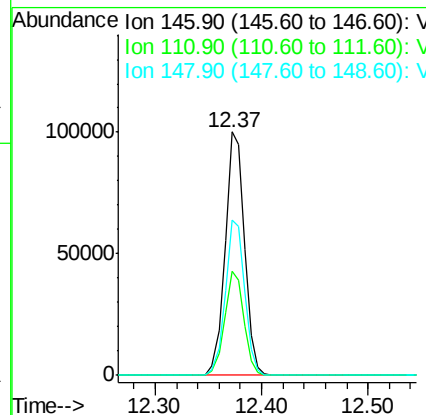
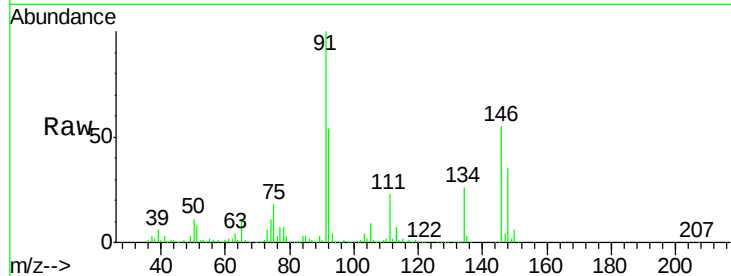
ClientSampleId :

VX1123WBS01

Tot Ion:	146	Resp:	127105
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.1	63.3
148	63.7	32.4	97.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.210 ug/l

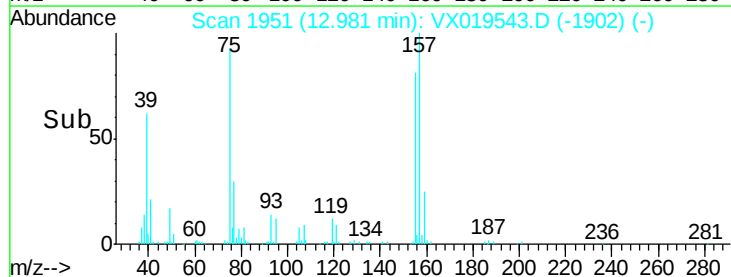
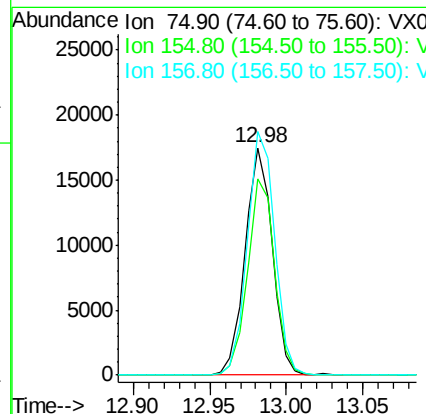
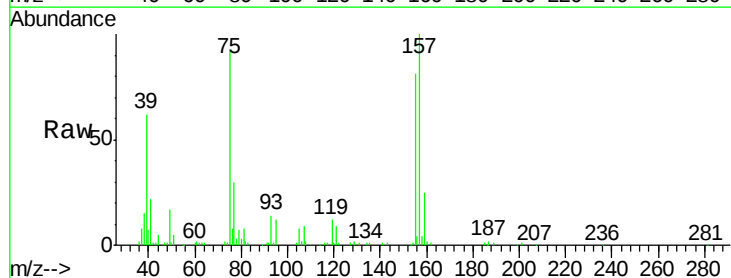
RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion:	75	Resp:	21510
Ion Ratio	Lower	Upper	
75	100		
155	85.3	43.6	130.9
157	107.6	57.0	170.8





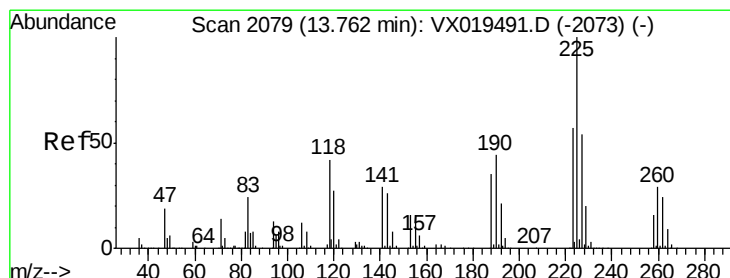
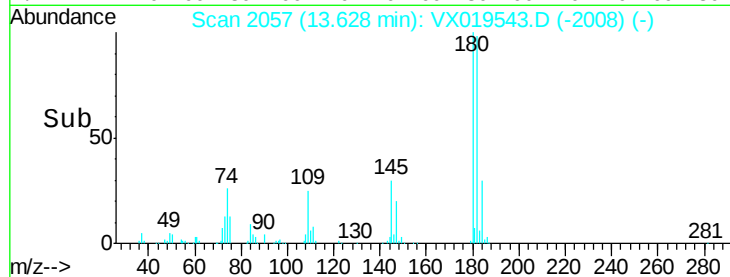
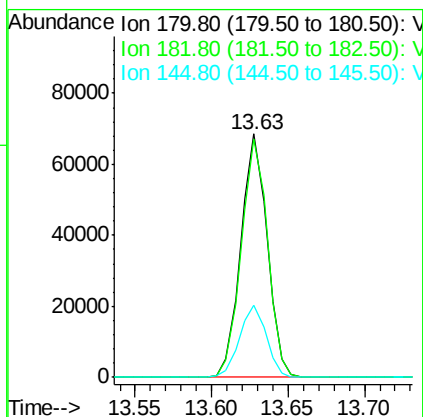
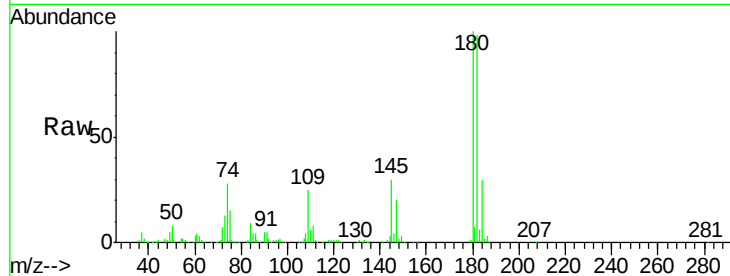
#93
1,2,4-Trichlorobenzene
Concen: 18.559 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.2	48.6	145.9	
145	30.2	15.9	47.7	

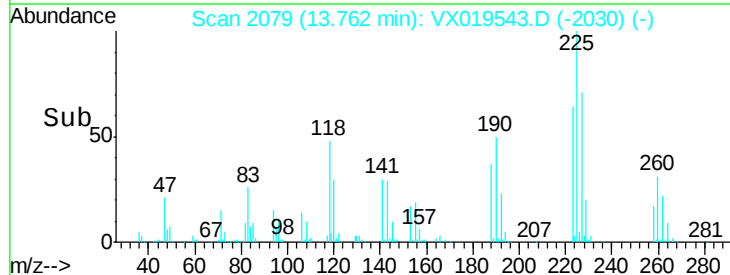
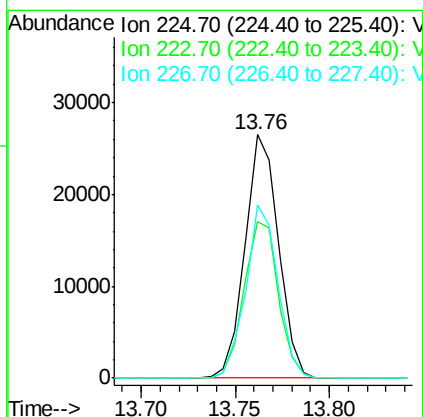
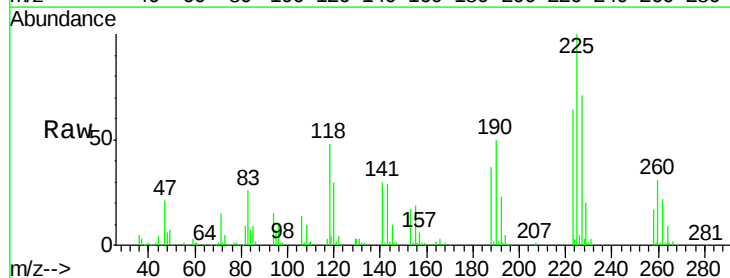
Manual Integrations
APPROVED

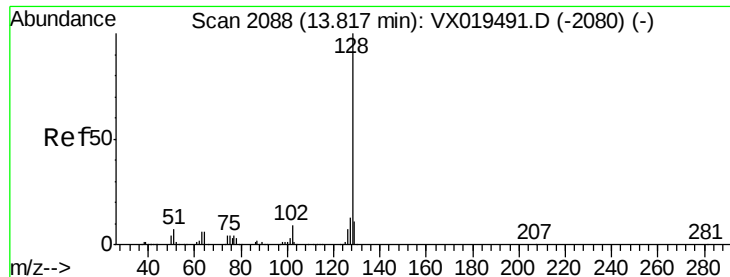
MMDadoda
11/24/2020 2:59:28 PM



#94
Hexachlorobutadiene
Concen: 16.238 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.8	32.5	97.5	
227	68.5	32.8	98.3	





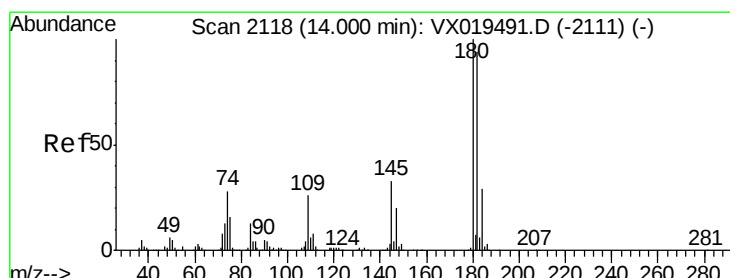
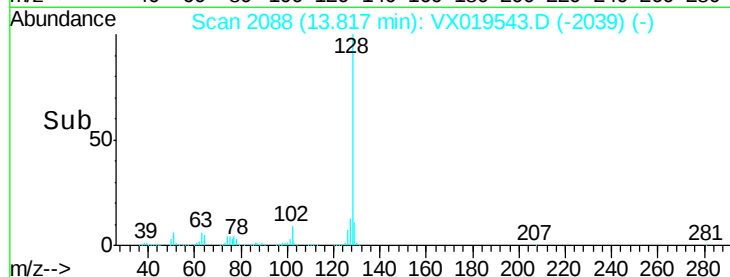
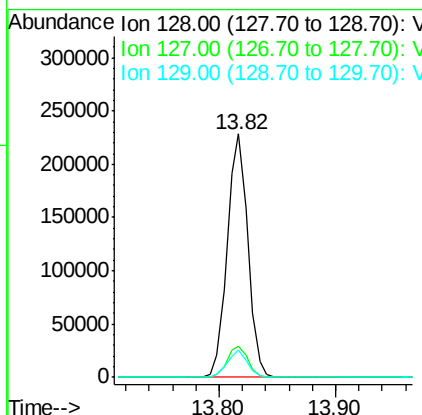
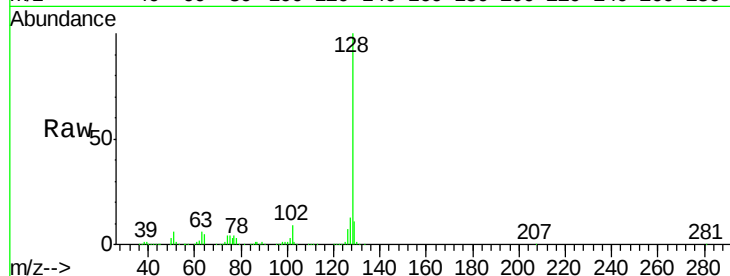
#95
Naphthalene
Concen: 19.407 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/24/2020 2:59:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.098 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.3
145	33.6	16.6	49.8

