

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103120\
 Data File : VX019192.D
 Acq On : 29 Oct 2020 16:56
 Operator : JC/MD
 Sample : VX1031WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 12:00:46 PM

Quant Time: Oct 30 04:12:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	412174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	376366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163495	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	5.46	113	127245	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.70	98	485570	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.12	95	185892	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	39767	18.913	ug/l	100
3) Chloromethane	1.31	50	45895	19.537	ug/l	100
4) Vinyl Chloride	1.39	62	52545	19.288	ug/l	99
5) Bromomethane	1.64	94	38370	20.624	ug/l	99
6) Chloroethane	1.71	64	35024	20.136	ug/l	97
7) Trichlorofluoromethane	1.92	101	83759	19.570	ug/l	95
8) Diethyl Ether	2.17	74	34118	20.771	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46366	19.545	ug/l	98
10) Methyl Iodide	2.49	142	53969	23.194	ug/l	99
11) Tert butyl alcohol	3.01	59	65342	101.707	ug/l	99
12) 1,1-Dichloroethene	2.36	96	45471	18.601	ug/l	99
13) Acrolein	2.27	56	24686	89.648	ug/l	97
14) Allyl chloride	2.71	41	72494	19.579	ug/l	99
15) Acrylonitrile	3.11	53	138038	102.249	ug/l	99
16) Acetone	2.42	43	116164	103.522	ug/l	98
17) Carbon Disulfide	2.55	76	123340	18.191	ug/l	99
18) Methyl Acetate	2.75	43	55916	20.492	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	170761	20.161	ug/l	100
20) Methylene Chloride	2.83	84	54040	19.183	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	52119	18.525	ug/l	97
22) Diisopropyl ether	3.82	45	154414	20.919	ug/l	89
23) Vinyl Acetate	3.78	43	687138	104.386	ug/l	98
24) 1,1-Dichloroethane	3.67	63	90495	19.635	ug/l	100
25) 2-Butanone	4.63	43	183803	103.933	ug/l	100
26) 2,2-Dichloropropane	4.54	77	84364	19.471	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	60061	19.104	ug/l	98
28) Bromochloromethane	4.98	49	40631	19.392	ug/l	94
29) Tetrahydrofuran	5.09	42	119309	107.054	ug/l	97
30) Chloroform	5.17	83	96432	19.657	ug/l	100
31) Cyclohexane	5.55	56	79912	19.436	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	87120	19.588	ug/l	98
36) 1,1-Dichloropropene	5.77	75	73327	19.266	ug/l	100
37) Ethyl Acetate	4.79	43	73988	20.937	ug/l	99
38) Carbon Tetrachloride	5.75	117	73272	18.887	ug/l	98

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Manual Integrations
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Quant Time: Oct 30 04:12:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	88578	19.463	ug/l	97
40) Benzene	6.11	78	213855	19.817	ug/l	100
41) Methacrylonitrile	5.00	41	38096	20.018	ug/l	98
42) 1,2-Dichloroethane	6.16	62	80671	20.283	ug/l	100
43) Isopropyl Acetate	6.41	43	120967	20.443	ug/l	99
44) Trichloroethene	7.18	130	58564	18.949	ug/l	97
45) 1,2-Dichloropropane	7.49	63	54141	20.483	ug/l	99
46) Dibromomethane	7.63	93	38374	19.633	ug/l	97
47) Bromodichloromethane	7.87	83	76074	19.746	ug/l	98
48) Methyl methacrylate	7.74	41	59356	20.841	ug/l	96
49) 1,4-Dioxane	7.72	88	25756	406.652	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	361441	106.277	ug/l	99
52) Toluene	8.76	92	137247	19.747	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	83559	18.989	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	90700	19.601	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	55862	20.342	ug/l	98
56) Ethyl methacrylate	9.16	69	84050	20.263	ug/l	98
57) 1,3-Dichloropropane	9.35	76	94197	20.345	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	222115	95.746	ug/l	98
59) 2-Hexanone	9.47	43	275988	106.608	ug/l	98
60) Dibromochloromethane	9.56	129	57624	19.335	ug/l	99
61) 1,2-Dibromoethane	9.65	107	58308	19.855	ug/l	99
64) Tetrachloroethene	9.32	164	53955	18.816	ug/l	98
65) Chlorobenzene	10.12	112	147399	19.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	53436	19.296	ug/l	100
67) Ethyl Benzene	10.23	91	263324	19.210	ug/l	100
68) m/p-Xylenes	10.34	106	197508	38.391	ug/l	98
69) o-Xylene	10.68	106	93771	19.217	ug/l	98
70) Styrene	10.70	104	158438	19.030	ug/l	99
71) Bromoform	10.84	173	40089	18.258	ug/l #	99
73) Isopropylbenzene	11.00	105	258648	19.732	ug/l	99
74) N-amyl acetate	10.88	43	100089	20.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	82799	20.212	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80543m	21.065	ug/l	
77) Bromobenzene	11.24	156	61514	18.908	ug/l	93
78) n-propylbenzene	11.34	91	293765	19.632	ug/l	99
79) 2-Chlorotoluene	11.40	91	175958	19.974	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	218042	19.690	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	27289	18.792	ug/l	96
82) 4-Chlorotoluene	11.49	91	208522	19.384	ug/l	99
83) tert-Butylbenzene	11.76	119	207507	19.571	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	218461	19.541	ug/l	100
85) sec-Butylbenzene	11.93	105	251517	19.778	ug/l	100
86) p-Isopropyltoluene	12.05	119	232956	19.847	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	115868	19.125	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	116238	18.431	ug/l	98
89) n-Butylbenzene	12.37	91	211760	19.193	ug/l	100
90) Hexachloroethane	12.58	117	37929	19.011	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	111942	19.242	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18696	18.643	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1031WBSD01

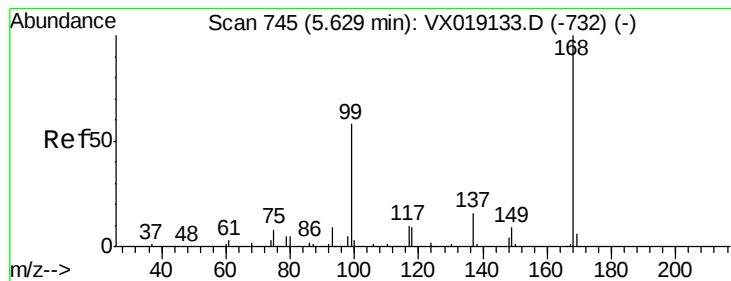
Manual Integrations
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10/30/2020 12:00:46 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	76089	17.413	ug/l	98
94) Hexachlorobutadiene	13.76	225	33601	17.468	ug/l	97
95) Naphthalene	13.82	128	251027	18.240	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	74768	17.638	ug/l	99

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



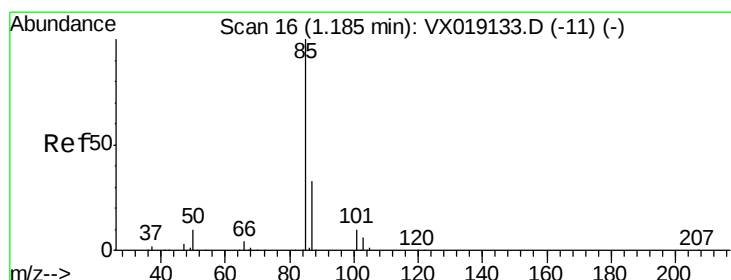
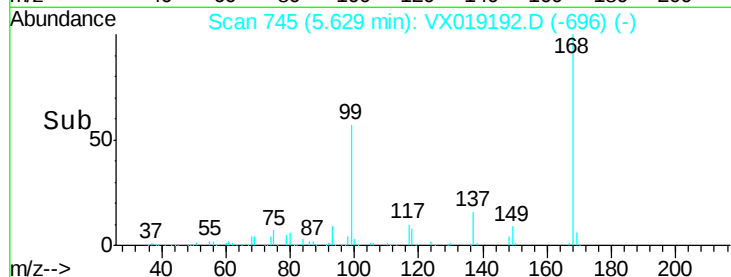
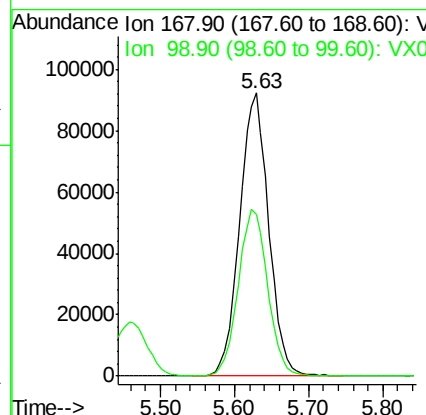
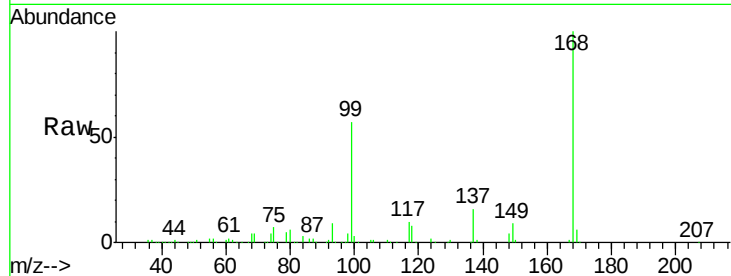
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.3	46.6	69.8

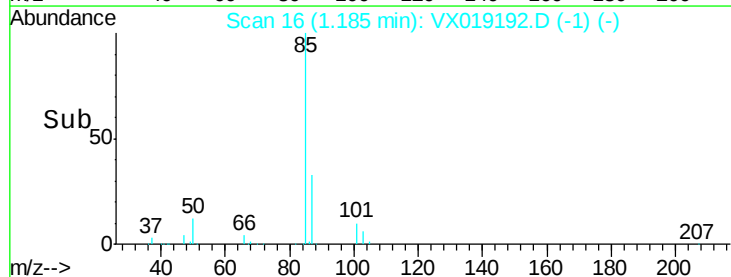
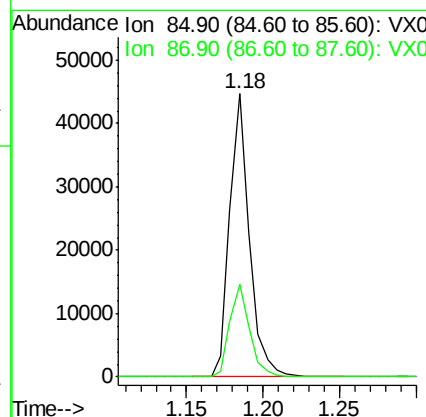
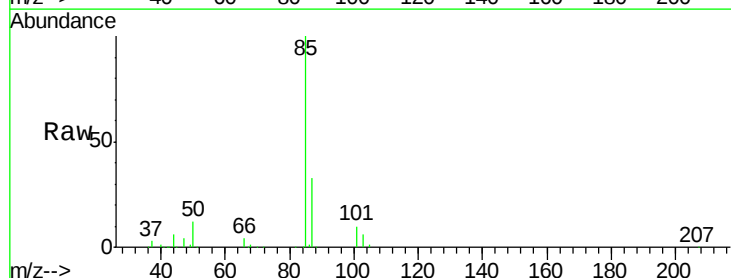
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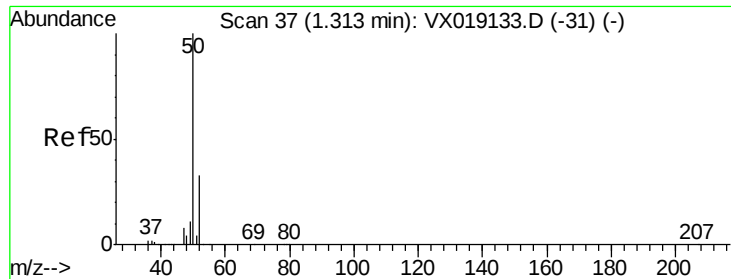
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#2
Dichlorodifluoromethane
Concen: 18.913 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.6	49.7





#3

Chloromethane

Concen: 19.537 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBSD01

Tot Ion: 50 Resp: 45895

Ion Ratio Lower Upper

50 100

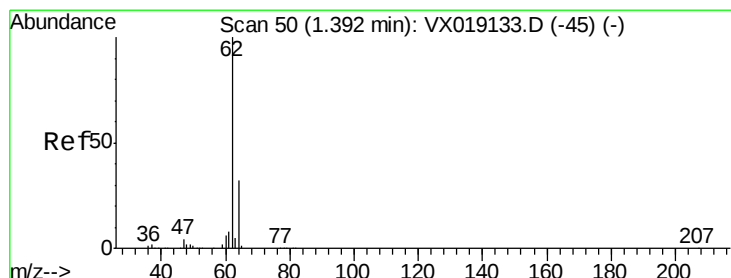
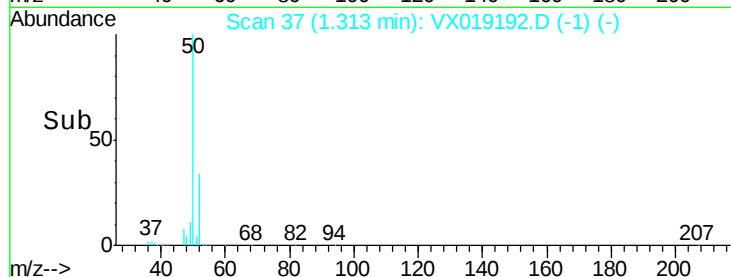
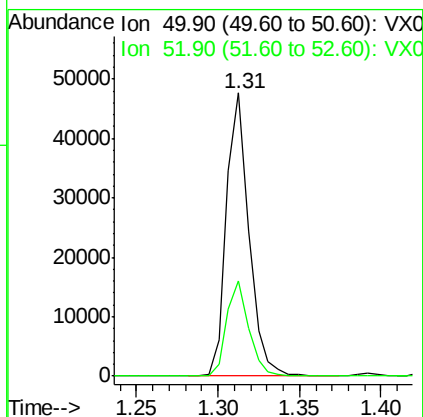
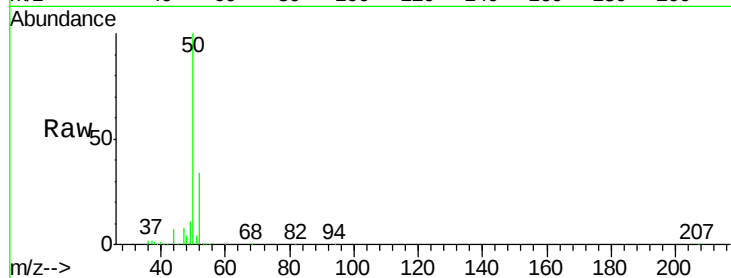
52 33.6 26.8 40.2

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10/30/2020 12:00:46 PM



#4

Vinyl Chloride

Concen: 19.288 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019192.D

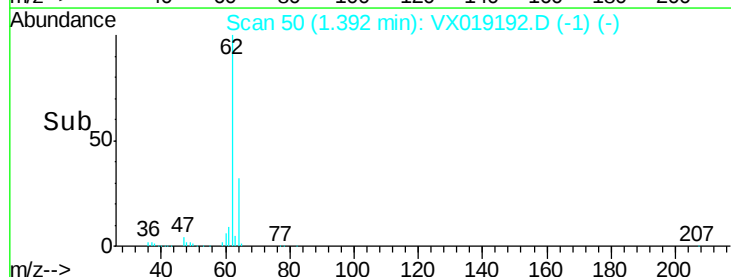
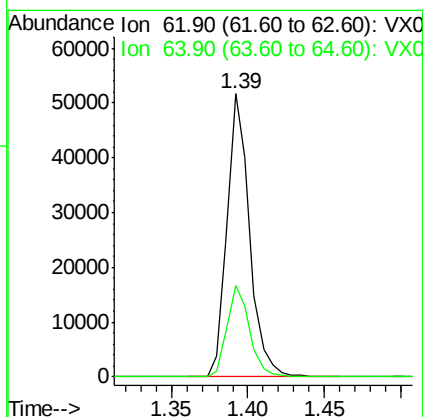
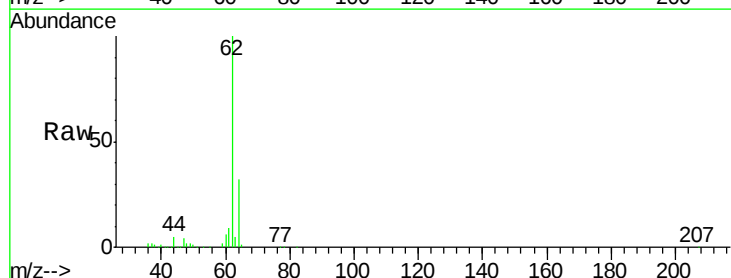
Acq: 29 Oct 2020 16:56

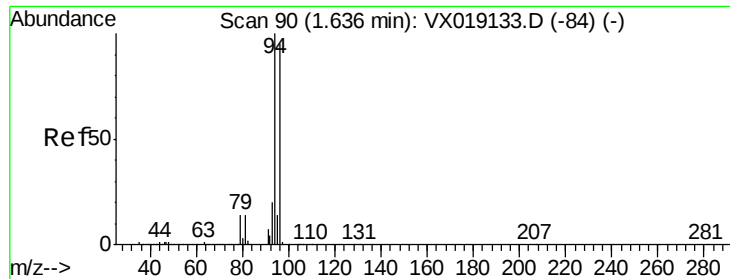
Tgt Ion: 62 Resp: 52545

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 20.624 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBSD01

Tot Ion: 94 Resp: 38370

Ion Ratio Lower Upper

94 100

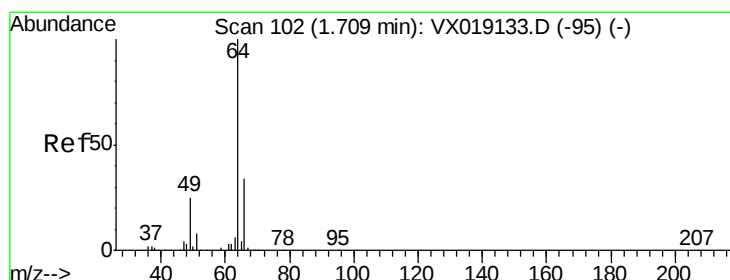
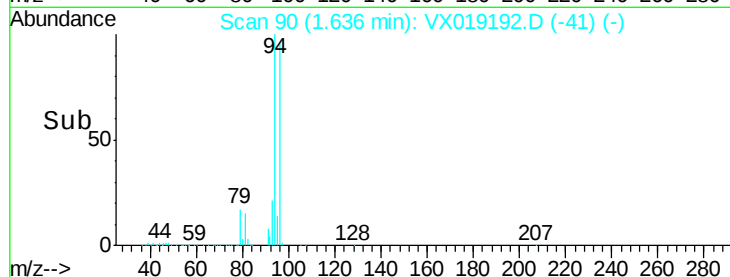
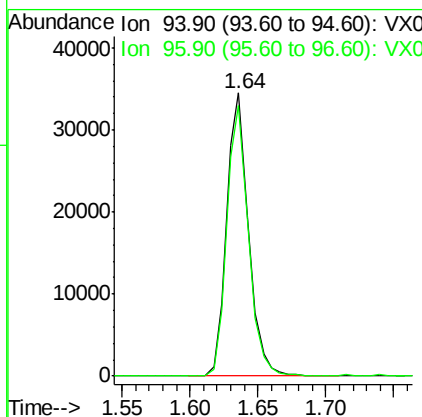
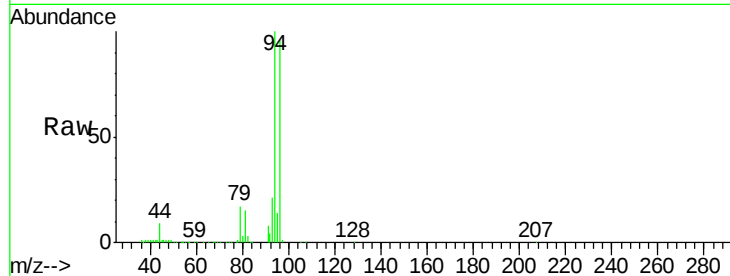
96 95.5 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 20.136 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019192.D

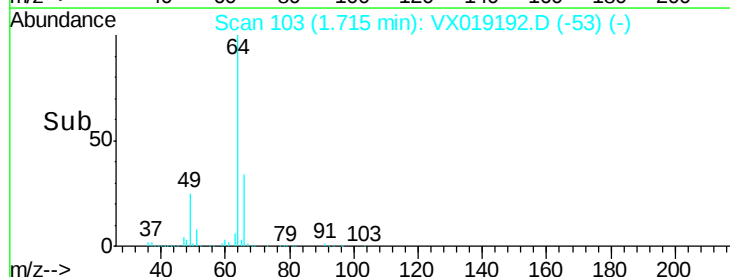
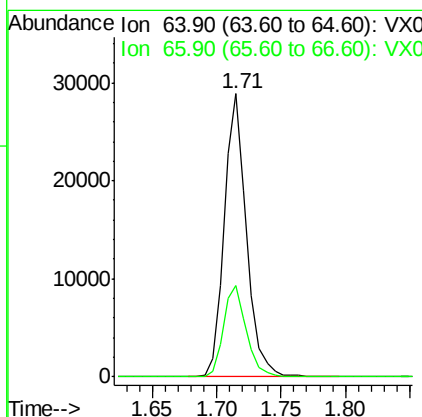
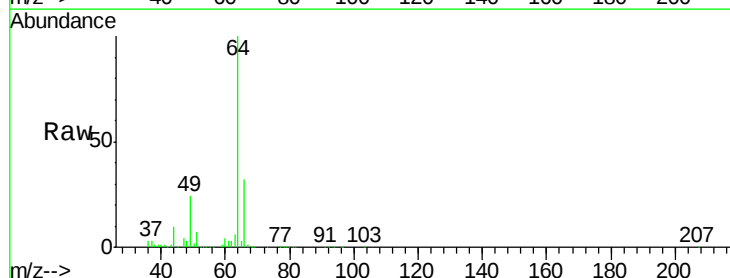
Acq: 29 Oct 2020 16:56

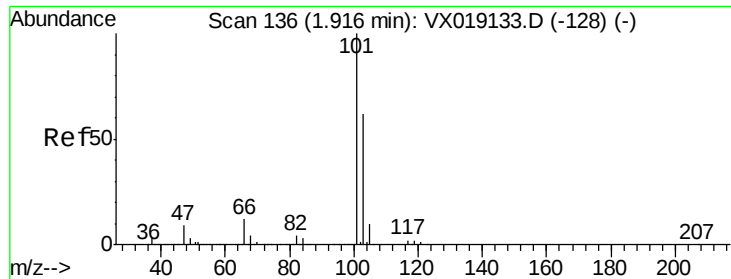
Tgt Ion: 64 Resp: 35024

Ion Ratio Lower Upper

64 100

66 32.4 27.1 40.7





#7

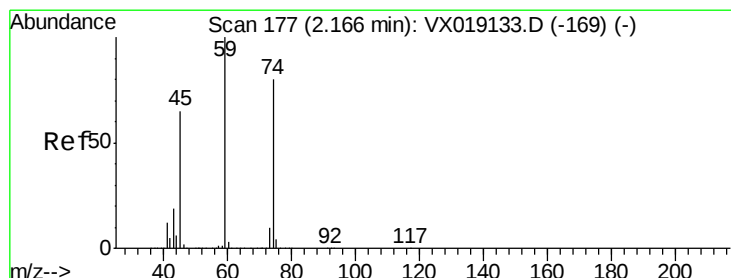
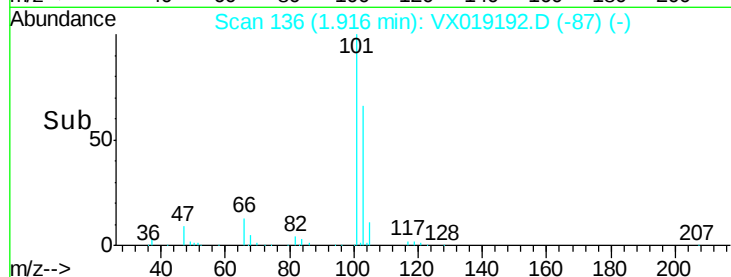
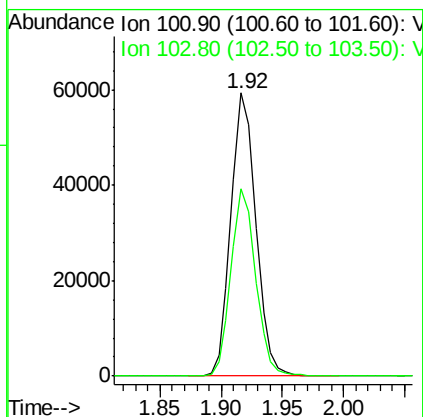
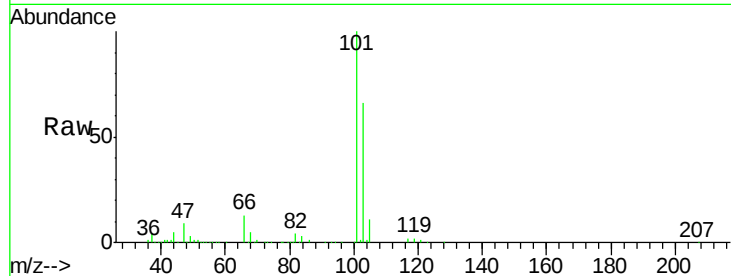
Trichlorofluoromethane
 Concen: 19.570 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Instrument :
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 ClientSampleId :
 VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.0	75.0

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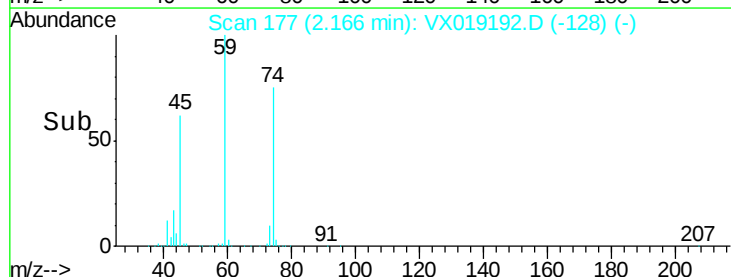
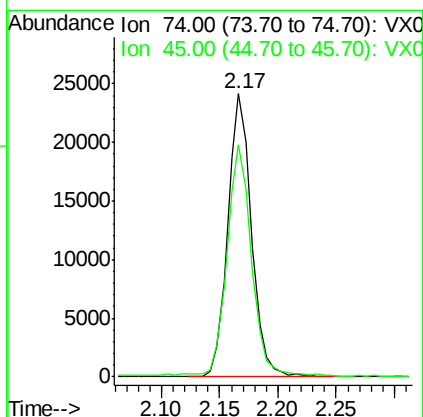
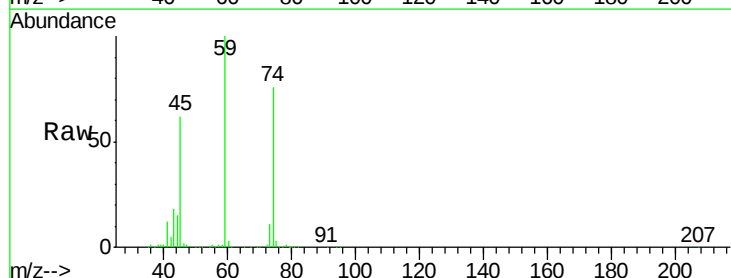
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 10/30/2020 12:00:46 PM

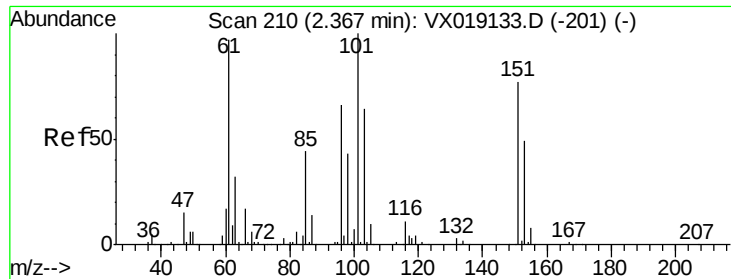


#8

Diethyl Ether
 Concen: 20.771 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.9	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.545 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

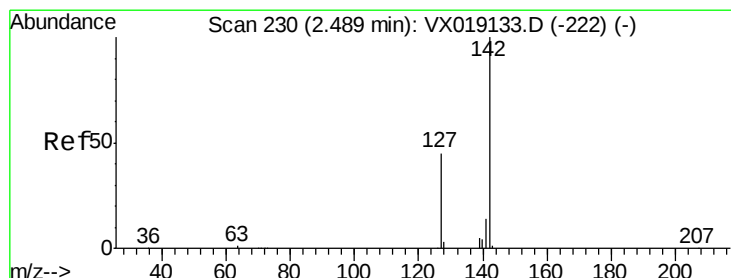
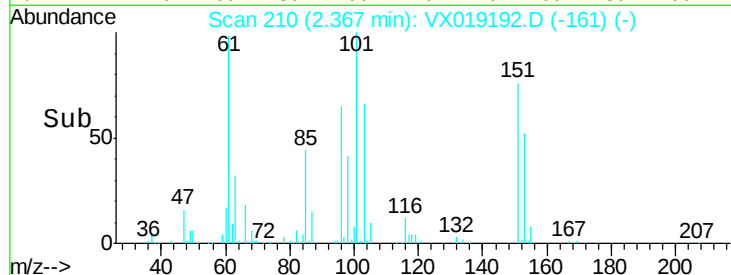
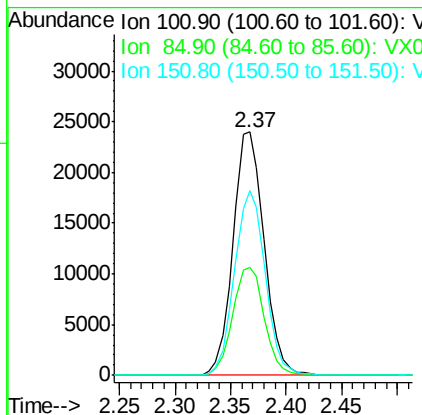
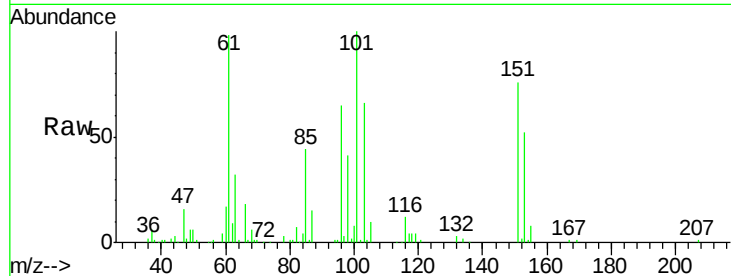
ClientSampleId :

VX1031WBSD01

Tot Ion:	101	Resp:	46366
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.0	52.4
151	75.0	61.4	92.2

Manual Integrations
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10/30/2020 12:00:46 PM



#10

Methyl Iodide

Concen: 23.194 ug/l

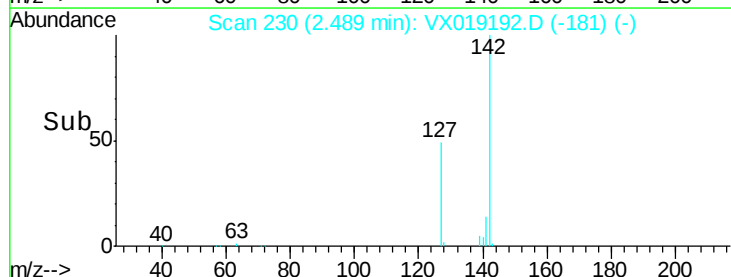
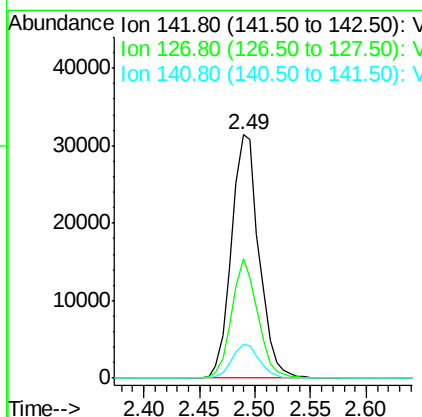
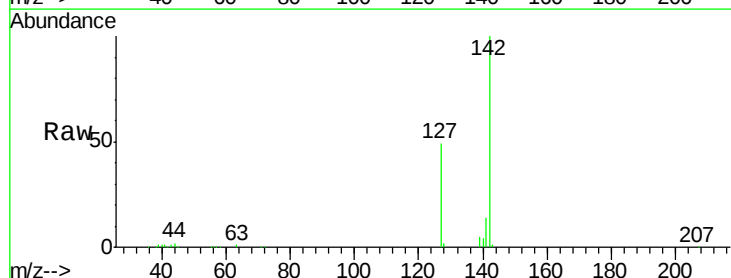
RT: 2.49 min Scan# 230

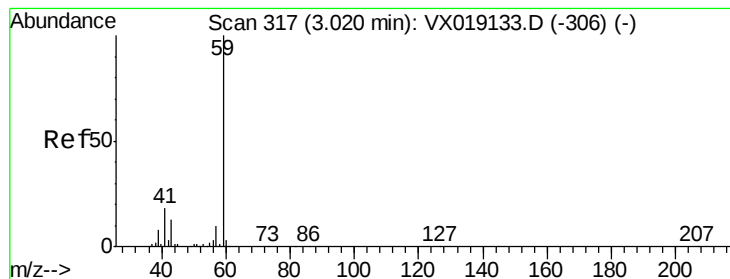
Delta R.T. 0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Tgt Ion:	142	Resp:	53969
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.1	54.1
141	13.8	11.3	16.9





#11

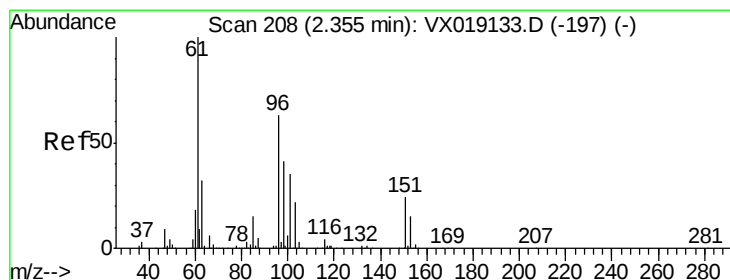
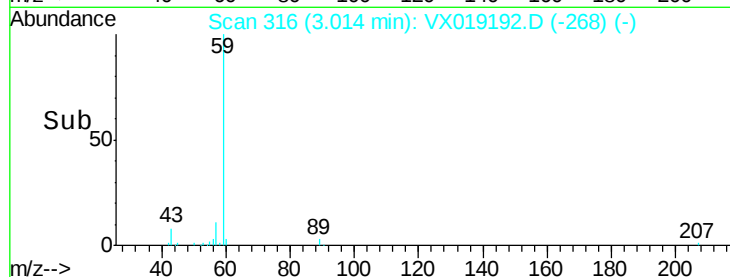
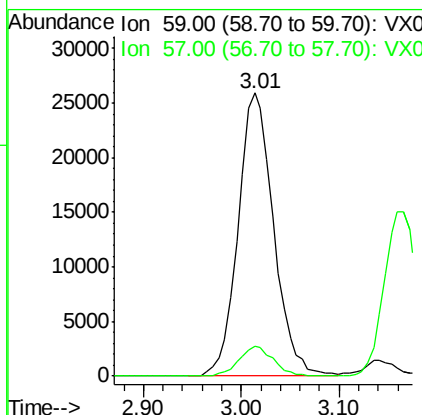
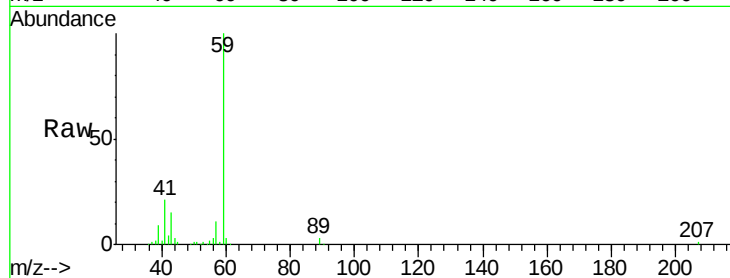
Tert butyl alcohol
 Concen: 101.707 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	65342		
57	57	10.2		8.4	12.6

Manual Integrations
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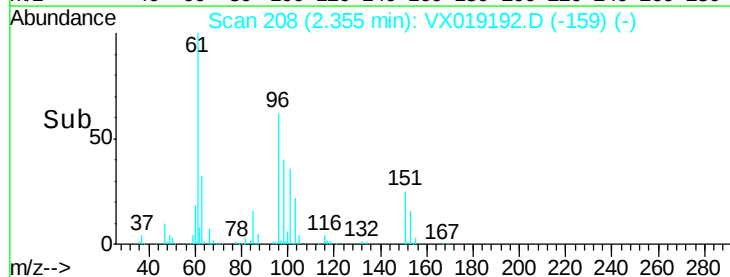
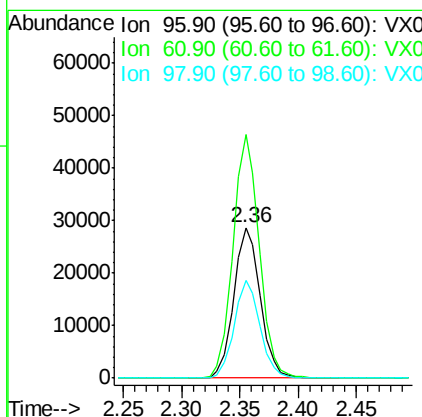
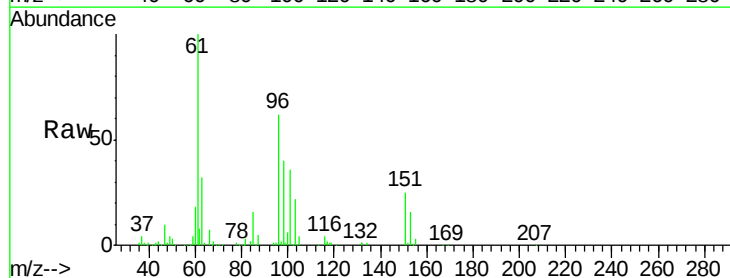
MMDadoda
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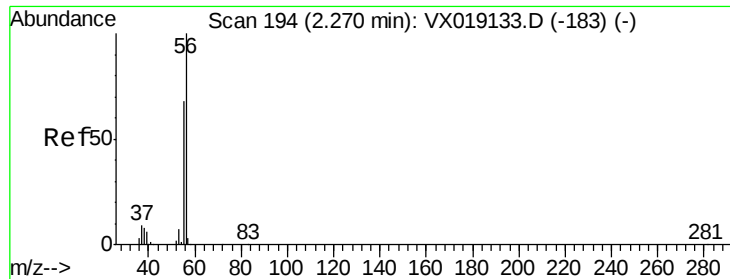


#12

1,1-Dichloroethene
 Concen: 18.601 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	45471		
61	61	162.1		127.7	191.5
98	98	65.3		52.1	78.1





#13

Acrolein

Concen: 89.648 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBSD01

Tot Ion: 56 Resp: 24686

Ion Ratio Lower Upper

56 100

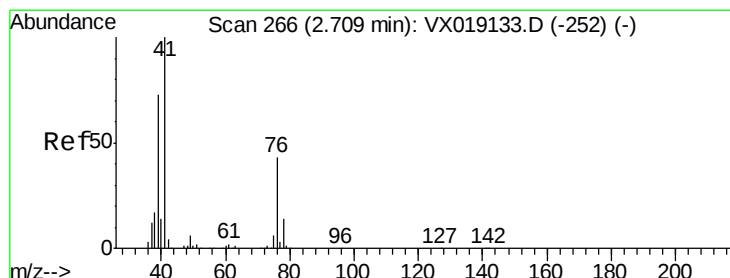
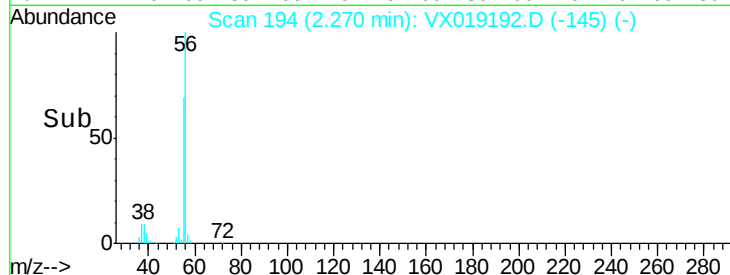
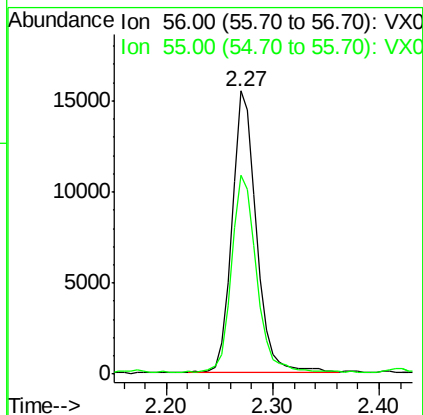
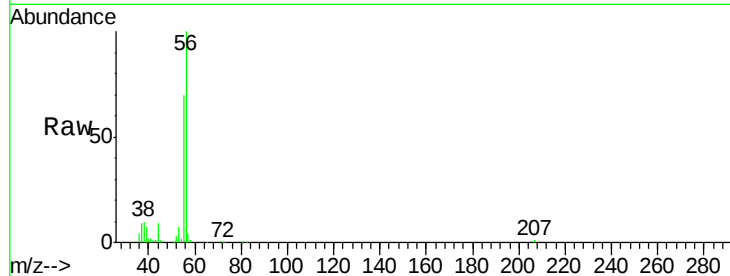
55 71.2 54.7 82.1

Manual Integrations

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10/30/2020 12:00:46 PM



#14

Allyl chloride

Concen: 19.579 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

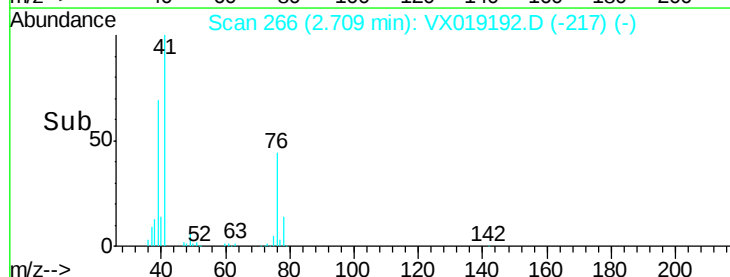
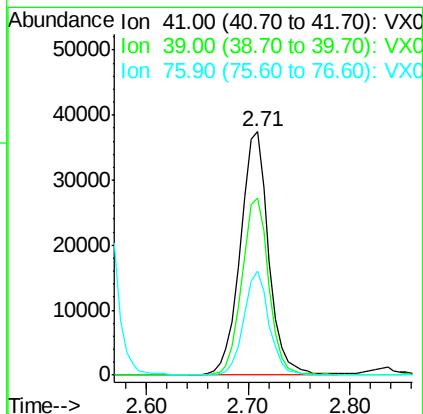
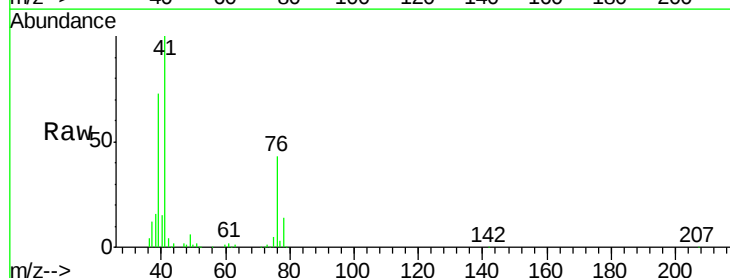
Tgt Ion: 41 Resp: 72494

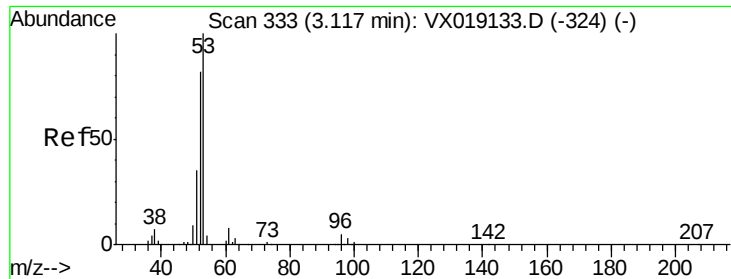
Ion Ratio Lower Upper

41 100

39 68.4 55.2 82.8

76 38.1 31.5 47.3





#15

Acrylonitrile

Concen: 102.249 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

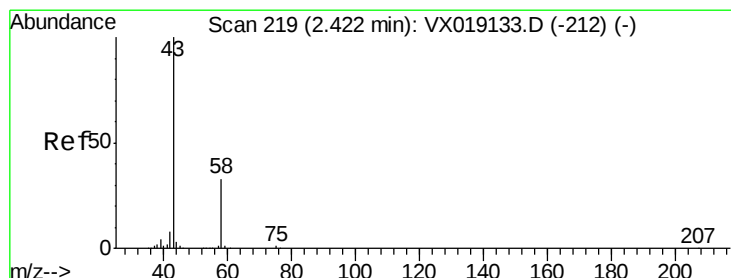
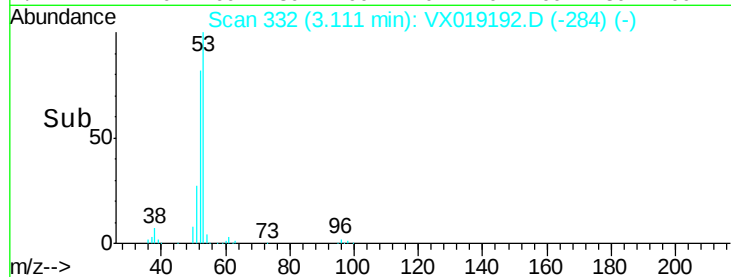
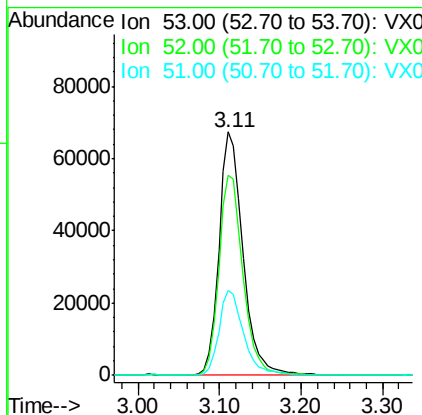
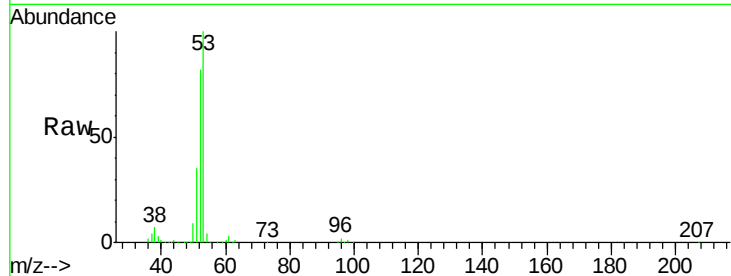
ClientSampleId :

VX1031WBSD01

Tot Ion:	53	Resp:	138038
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.7	98.5
51	36.0	28.4	42.6

Manual Integrations
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10/30/2020 12:00:46 PM



#16

Acetone

Concen: 103.522 ug/l

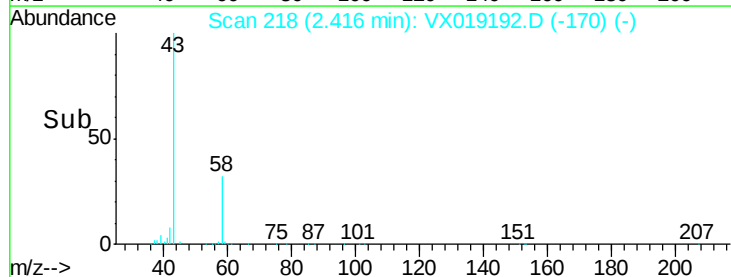
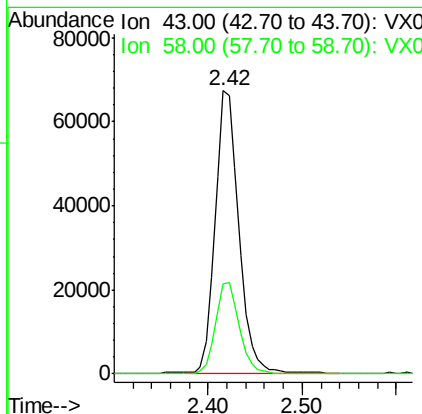
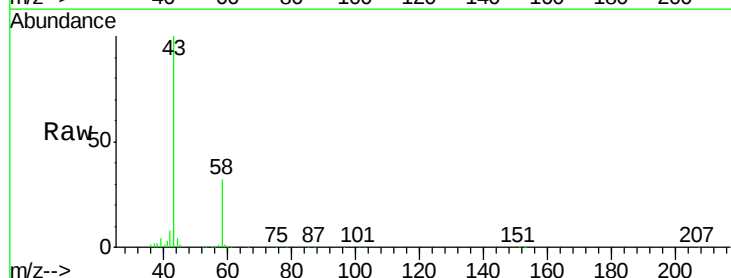
RT: 2.42 min Scan# 218

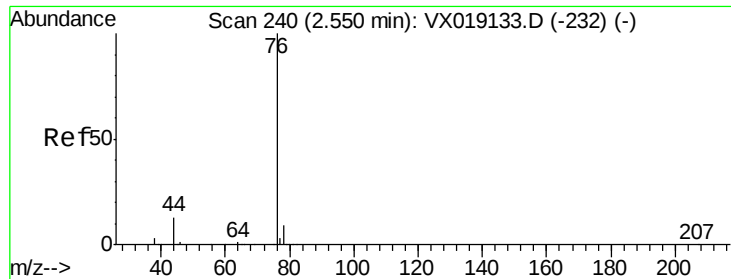
Delta R.T. -0.01 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Tgt Ion:	43	Resp:	116164
Ion	Ratio	Lower	Upper
43	100		
58	32.0	26.3	39.5





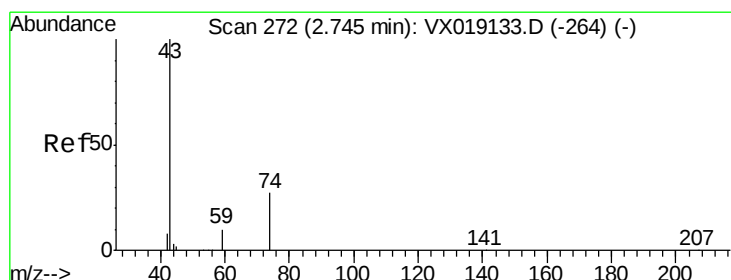
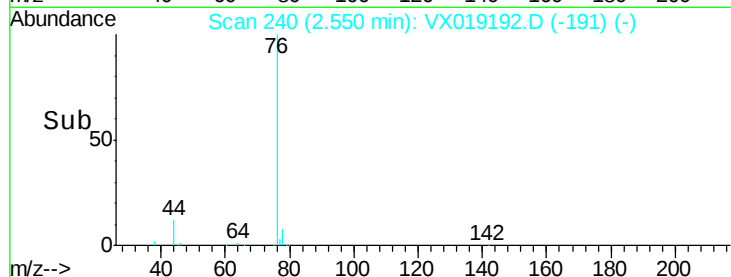
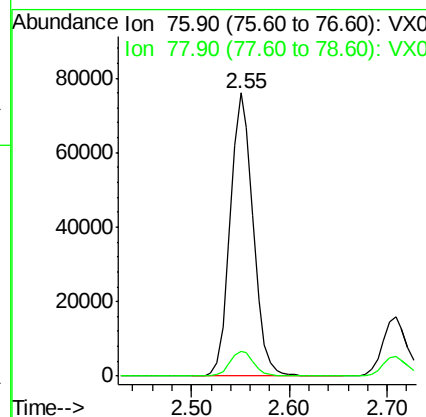
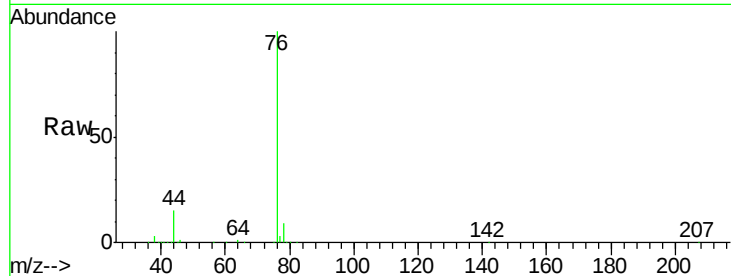
#17
Carbon Disulfide
Concen: 18.191 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

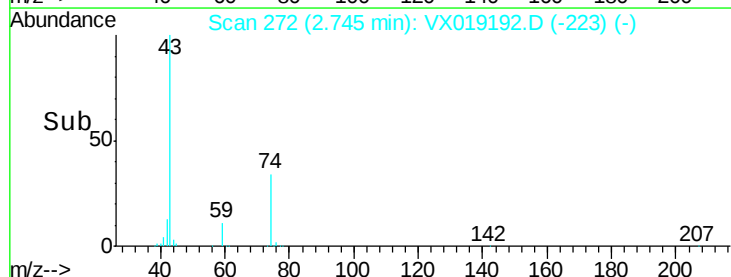
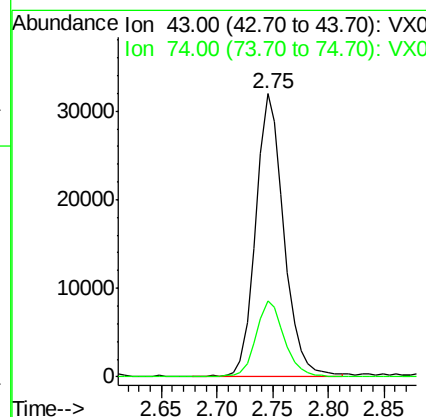
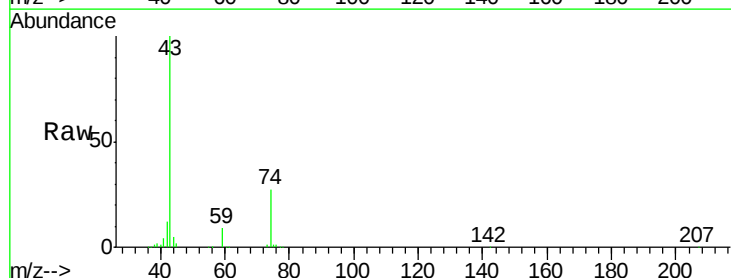
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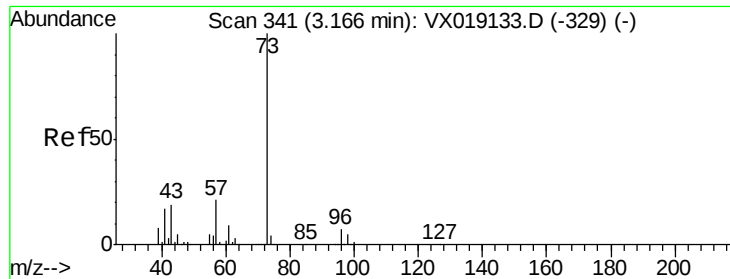
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#18
Methyl Acetate
Concen: 20.492 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	22.6	33.8





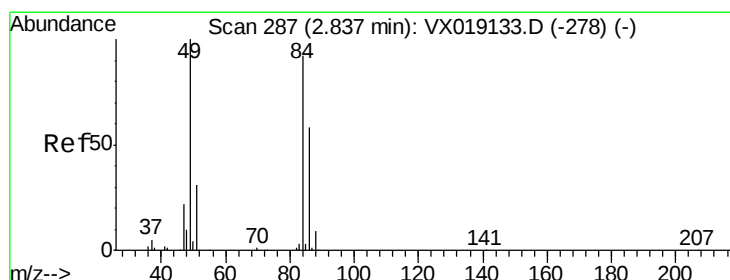
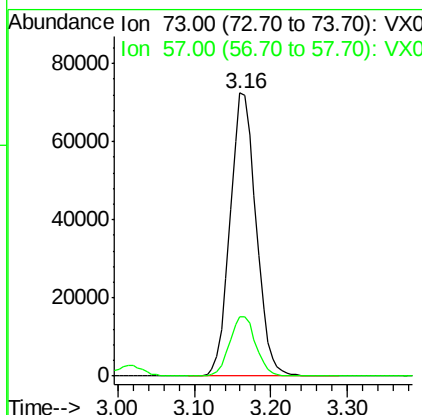
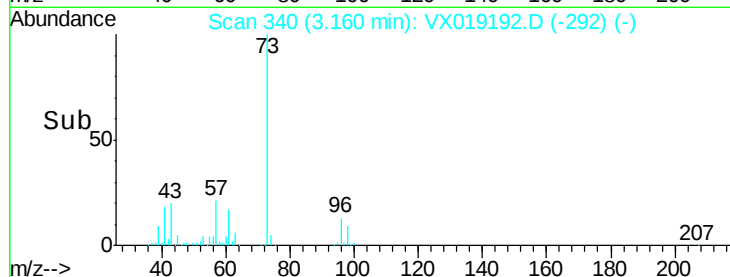
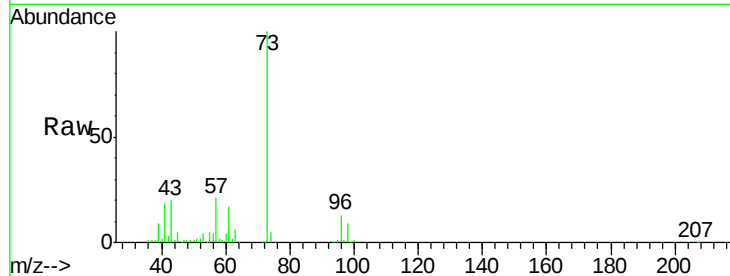
#19
Methyl tert-butyl Ether
Concen: 20.161 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.6	25.0

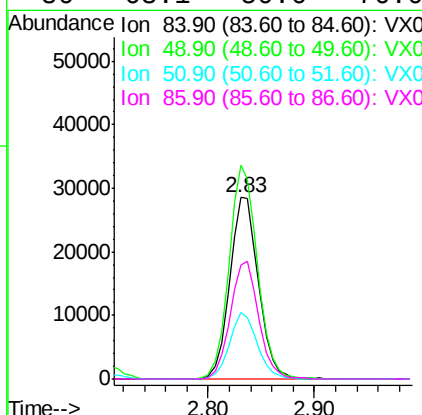
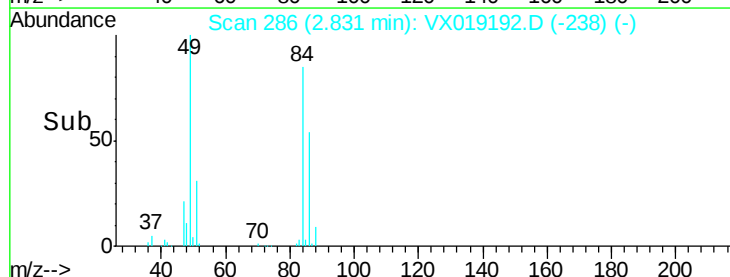
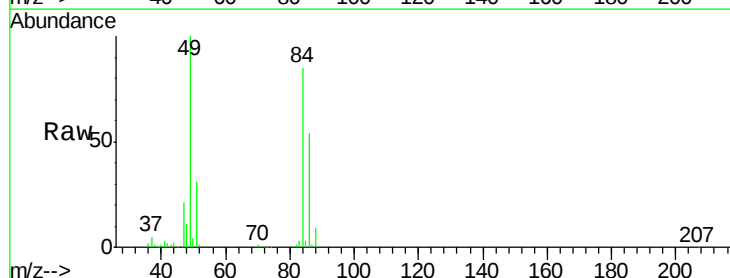
Manual Integrations
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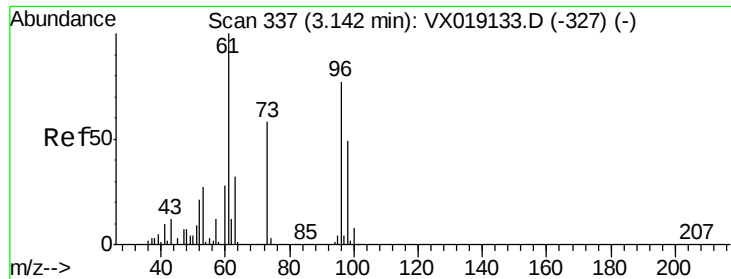
MMDadoda
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#20
Methylene Chloride
Concen: 19.183 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.8	86.8	130.2
51	36.6	27.3	40.9
86	63.1	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 18.525 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

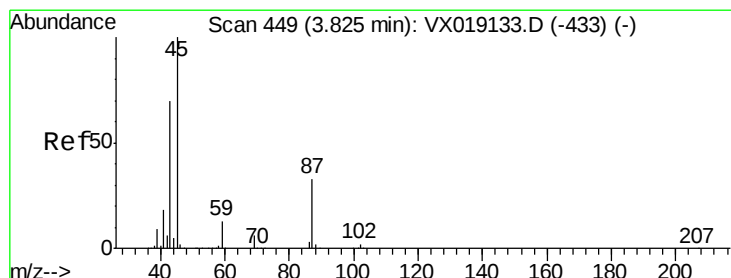
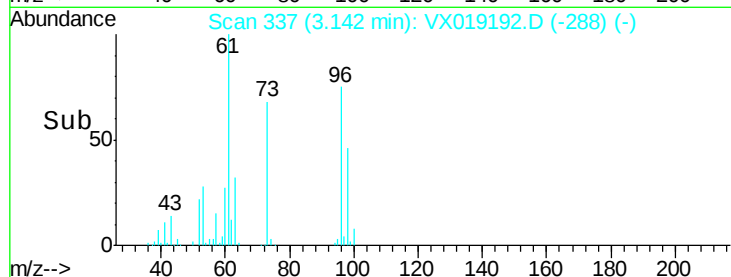
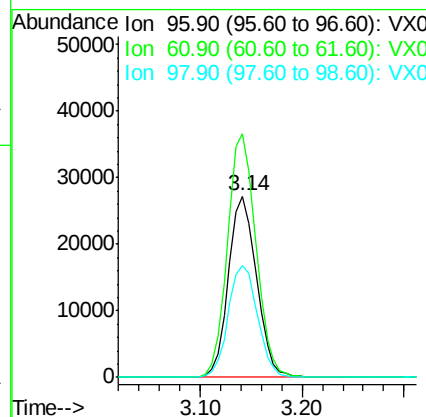
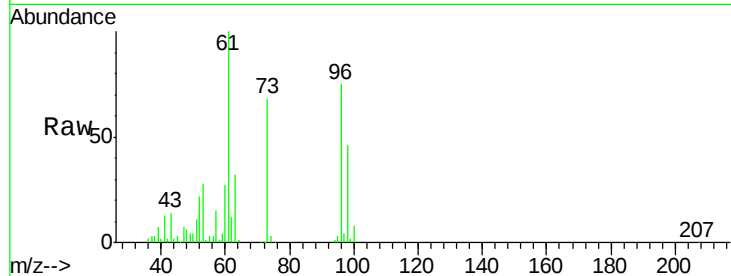
ClientSampleId :

VX1031WBSD01

Tot Ion:	96	Resp:	52119
Ion	Ratio	Lower	Upper
96	100		
61	134.2	104.2	156.4
98	61.5	51.3	76.9

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#22

Diisopropyl ether

Concen: 20.919 ug/l

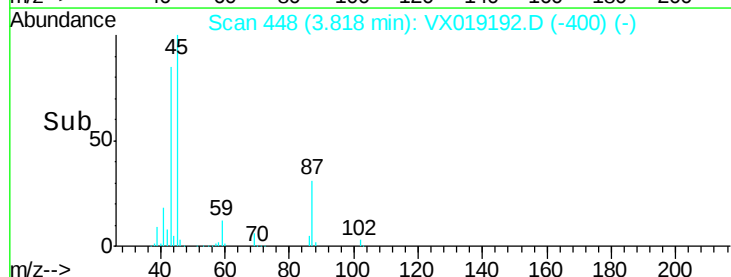
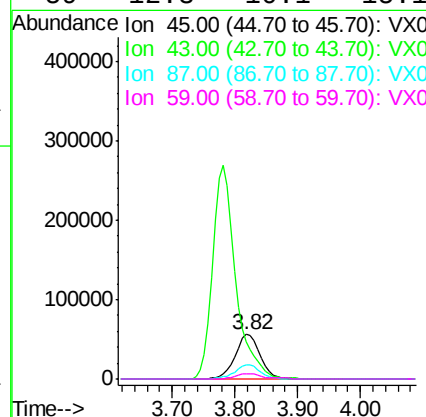
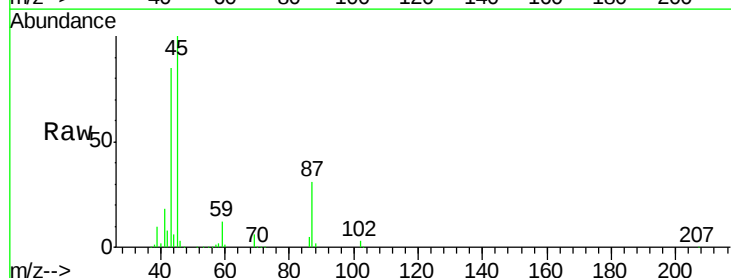
RT: 3.82 min Scan# 448

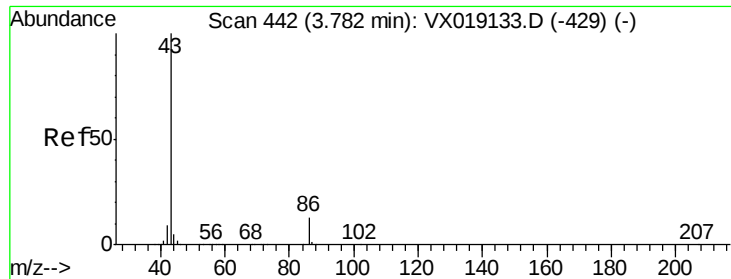
Delta R.T. -0.01 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Tgt Ion:	45	Resp:	154414
Ion	Ratio	Lower	Upper
45	100		
43	84.3	56.2	84.4
87	30.9	26.2	39.2
59	12.3	10.1	15.1





#23

Vinyl Acetate

Concen: 104.386 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBSD01

Tot Ion: 43 Resp: 687138

Ion Ratio Lower Upper

43 100

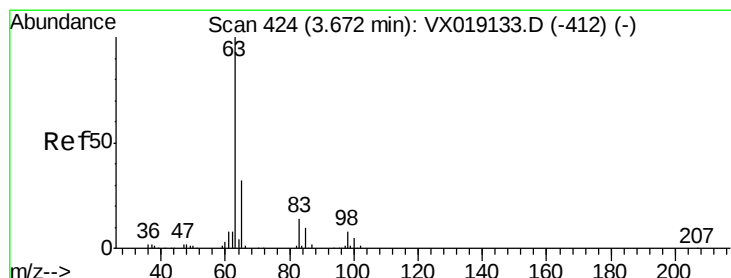
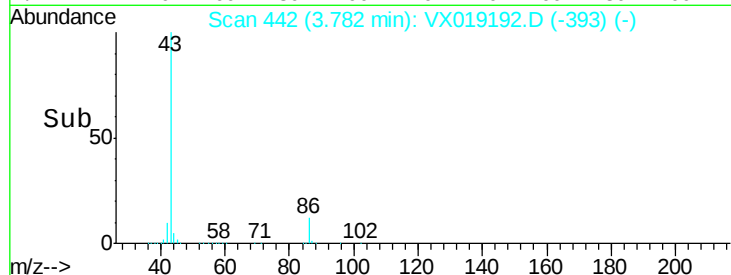
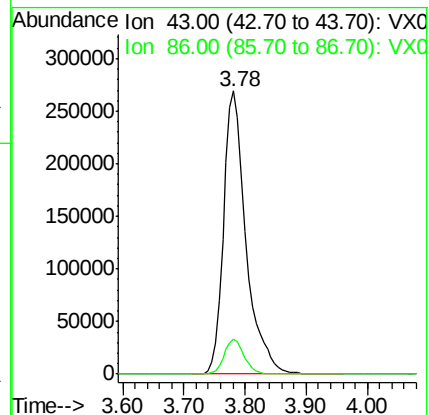
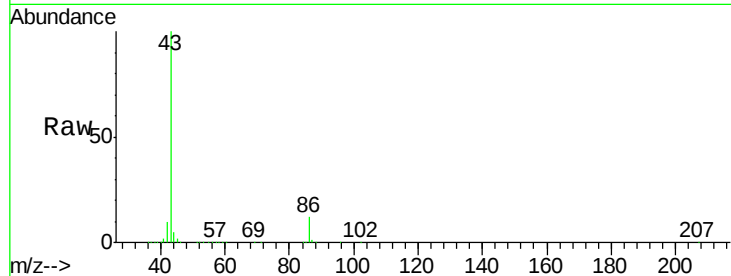
86 12.3 10.4 15.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.635 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

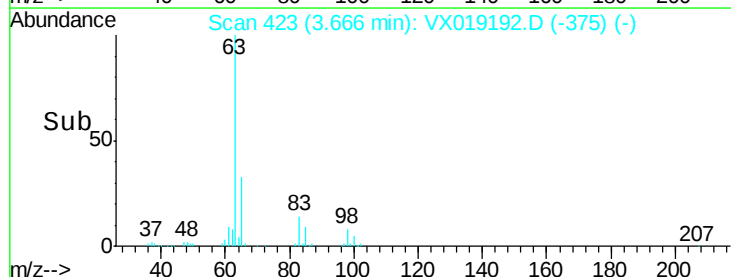
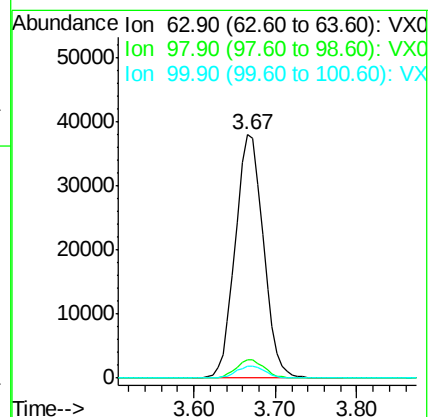
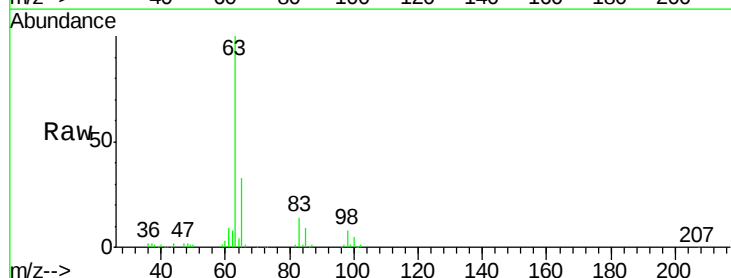
Tgt Ion: 63 Resp: 90495

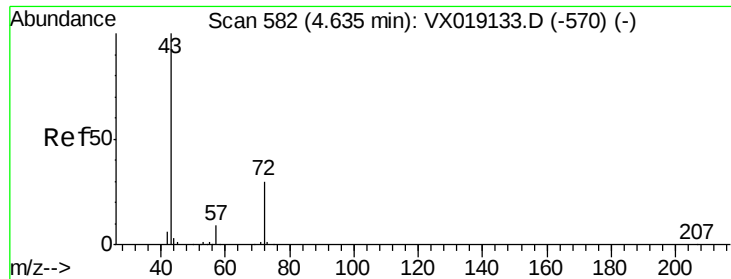
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.7 2.4 7.2





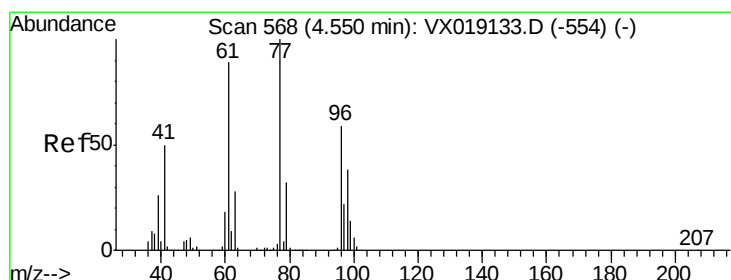
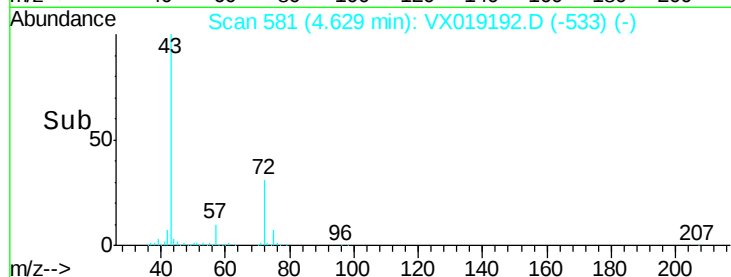
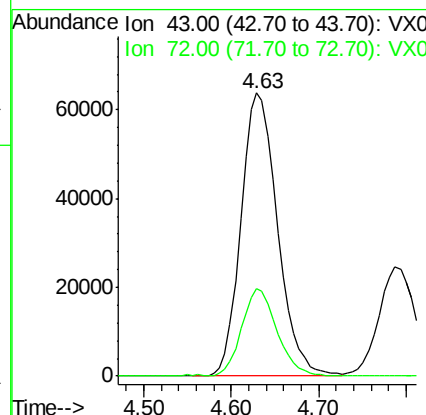
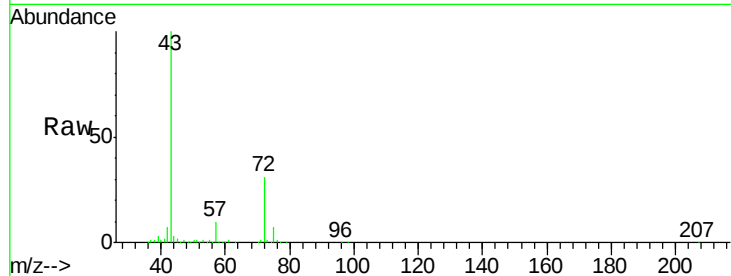
#25
2-Butanone
Concen: 103.933 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	43	Resp	183803
Ion Ratio	Lower	Upper	
43	100		
72	30.8	24.6	36.8

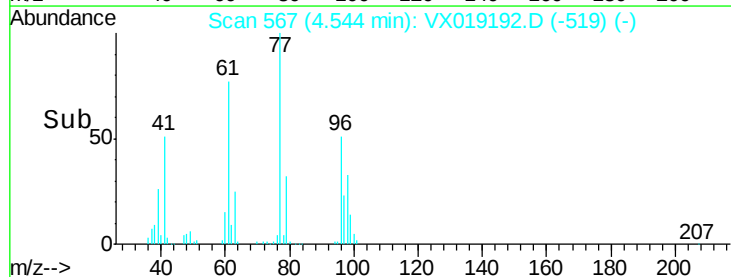
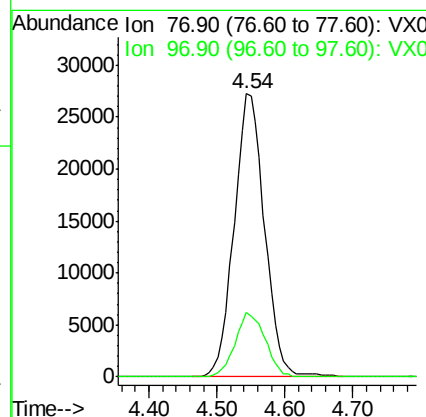
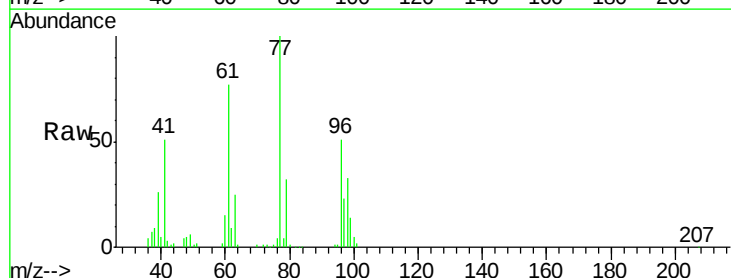
Manual Integrations
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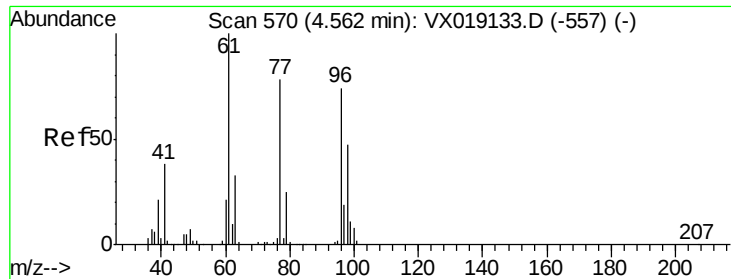
MMDadoda
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#26
2,2-Dichloropropane
Concen: 19.471 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	77	Resp	84364
Ion Ratio	Lower	Upper	
77	100		
97	22.5	11.4	34.1





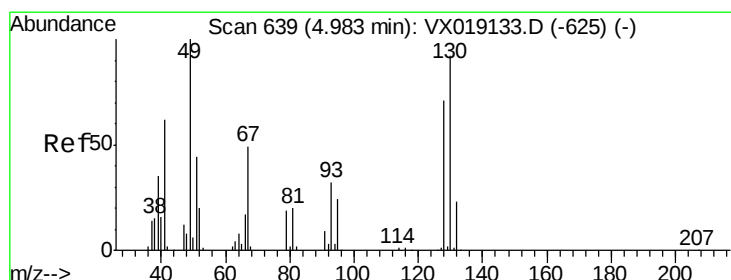
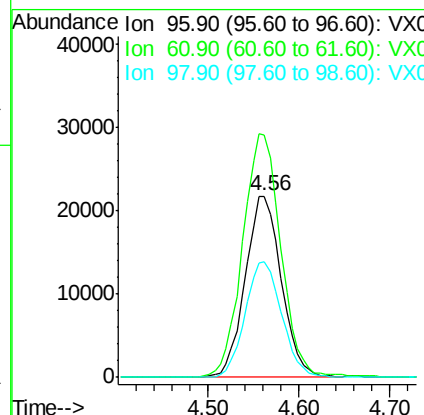
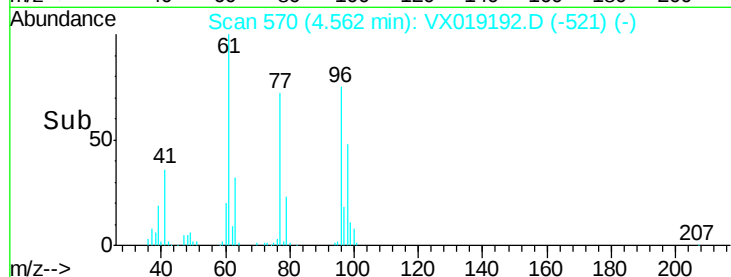
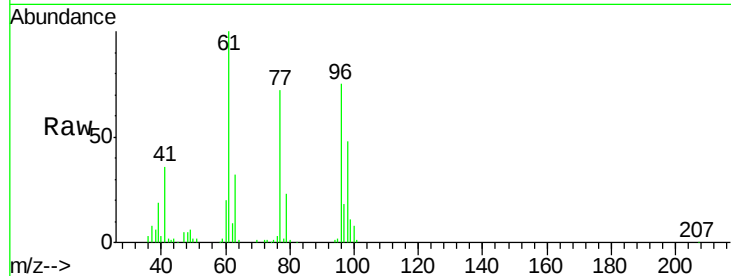
#27
 cis-1,2-Dichloroethene
 Concen: 19.104 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60061		
61	142.3	0.0	278.8	
98	64.8	0.0	130.2	

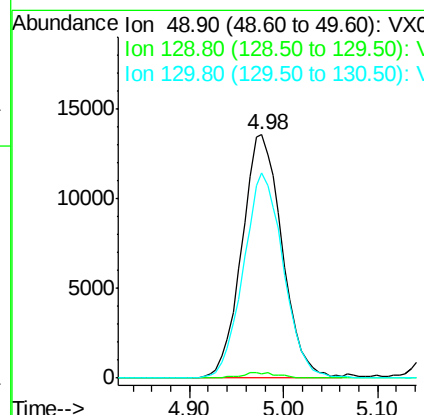
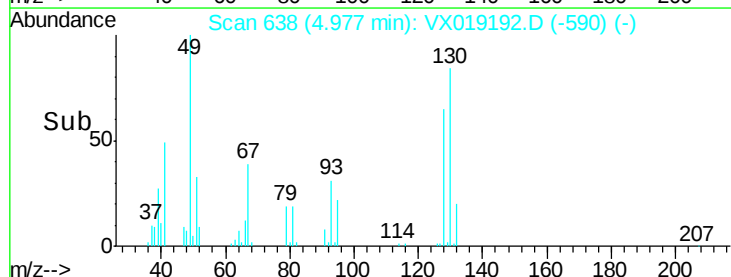
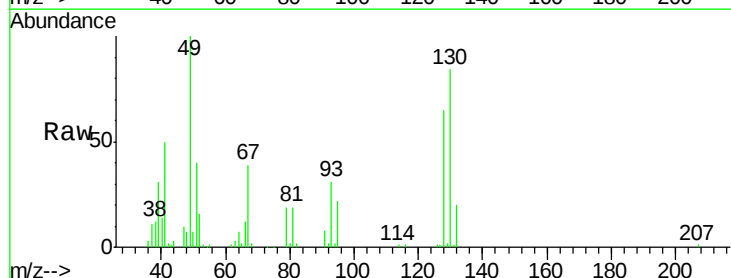
Manual Integrations
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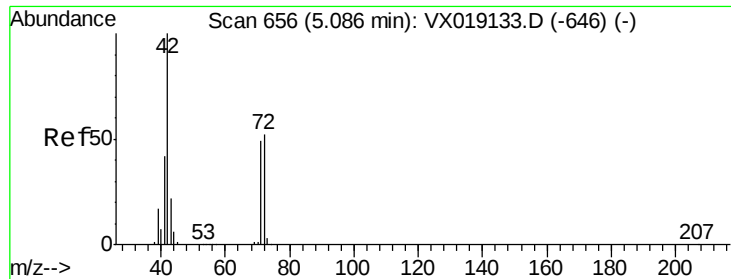
MMDadoda
 10/30/2020 12:00:46 PM



#28
 Bromochloromethane
 Concen: 19.392 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	40631		
129	2.1	0.0	4.4	
130	83.4	71.3	106.9	





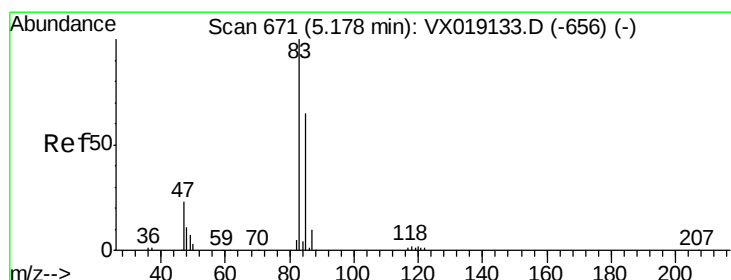
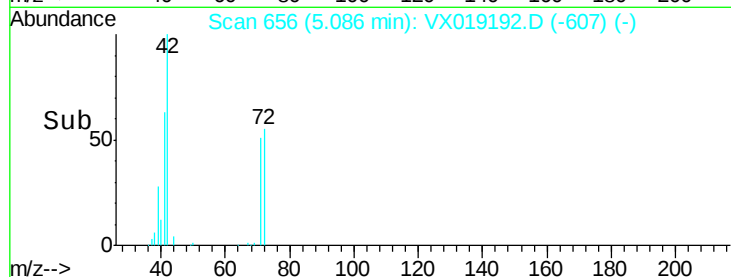
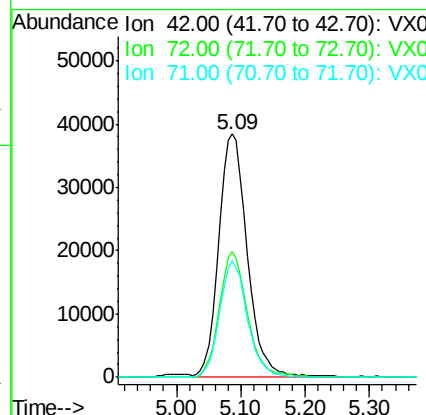
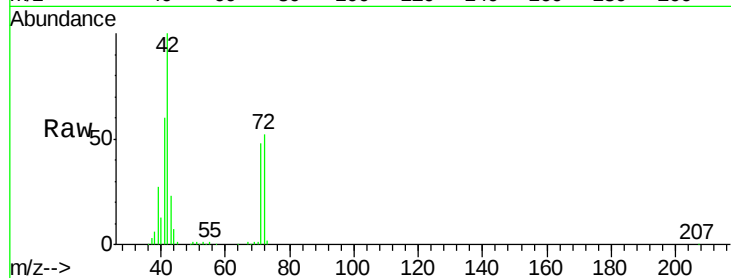
#29
Tetrahydrofuran
Concen: 107.054 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	42.6	63.8
71	46.9	39.7	59.5

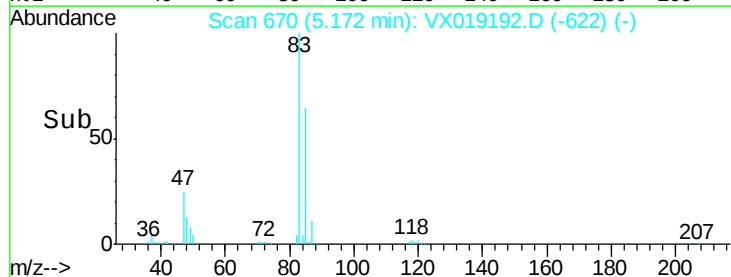
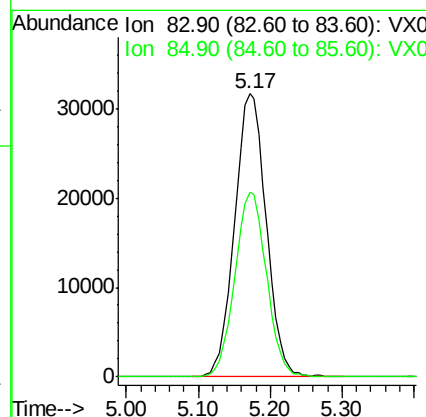
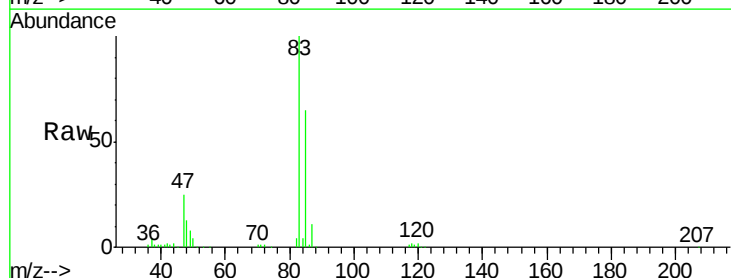
Manual Integrations
APPROVED

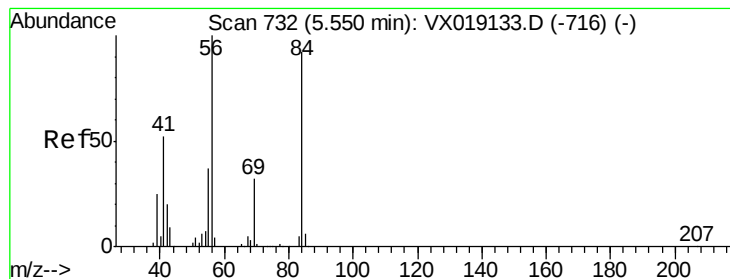
MMDadoda
10/30/2020 12:00:46 PM



#30
Chloroform
Concen: 19.657 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9





#31

Cvclohexane

Concen: 19.436 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

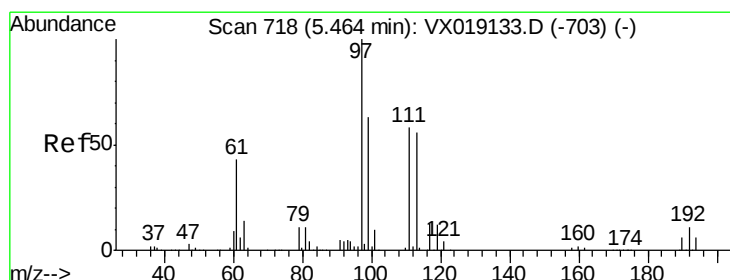
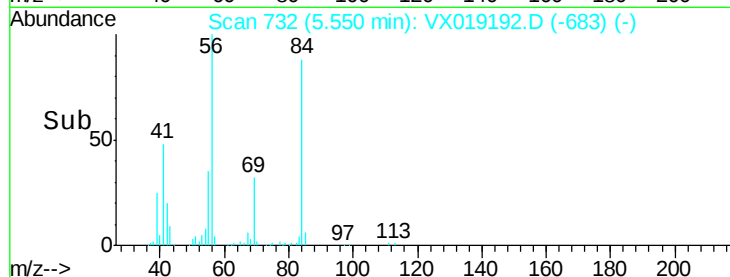
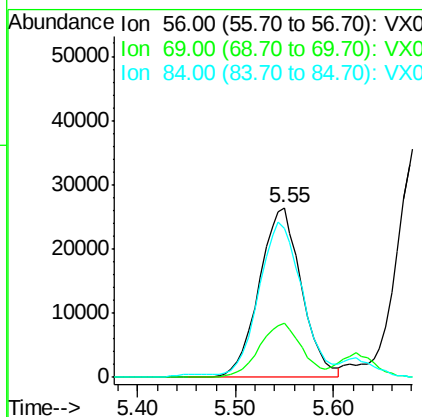
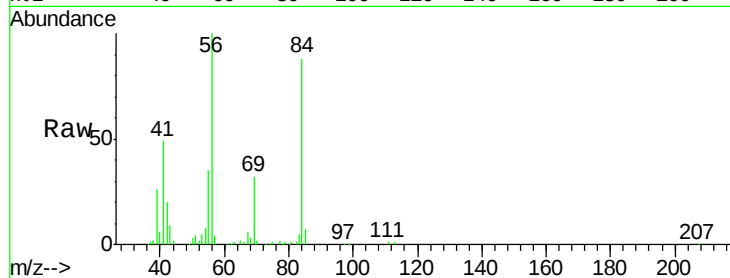
ClientSampleId :

VX1031WBSD01

Tot Ion:	56	Resp:	79912
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.9	38.9
84	86.2	73.4	110.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.588 ug/l

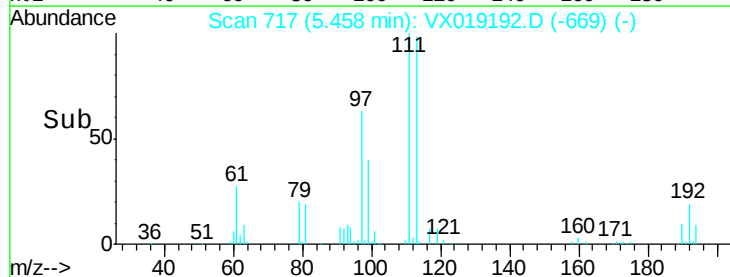
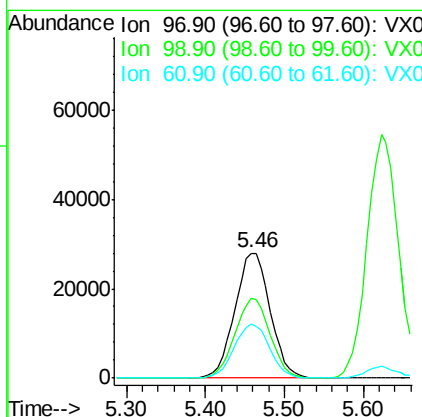
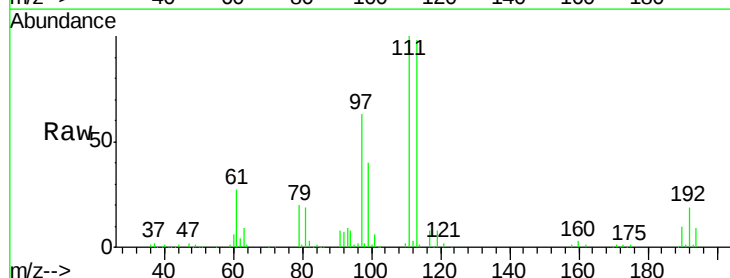
RT: 5.46 min Scan# 717

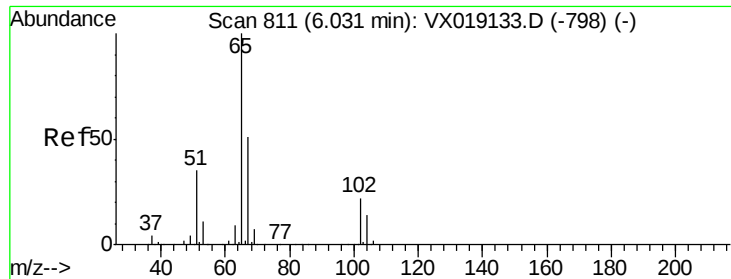
Delta R.T. -0.01 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Tgt Ion:	97	Resp:	87120
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.7	77.5
61	43.7	34.2	51.2





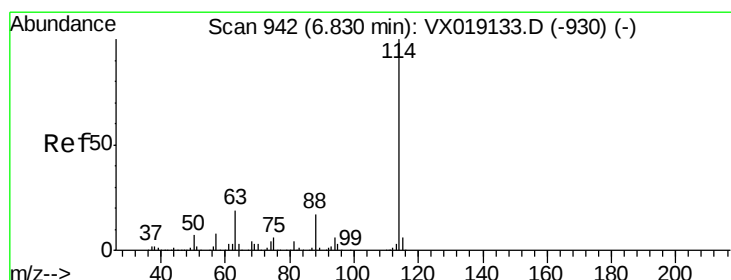
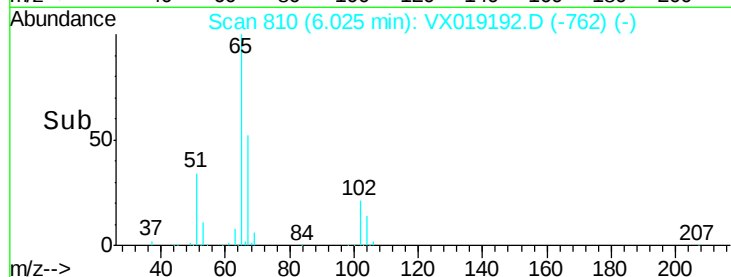
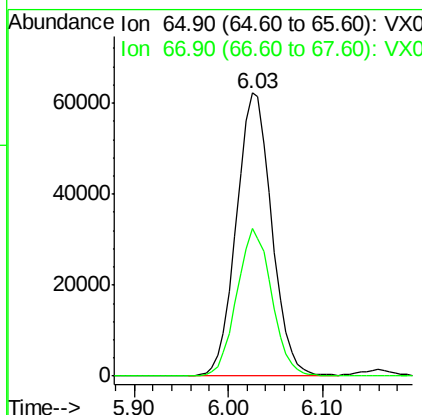
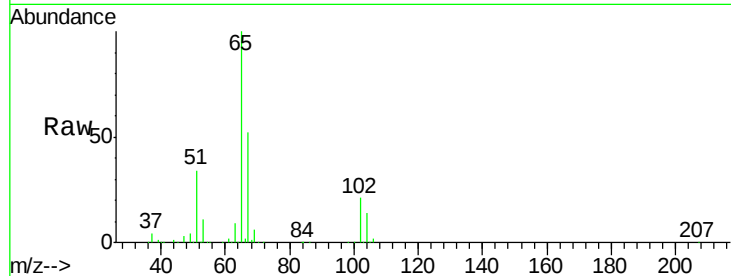
#33
 1,2-Dichloroethane-d4
 Concen: 50.265 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0

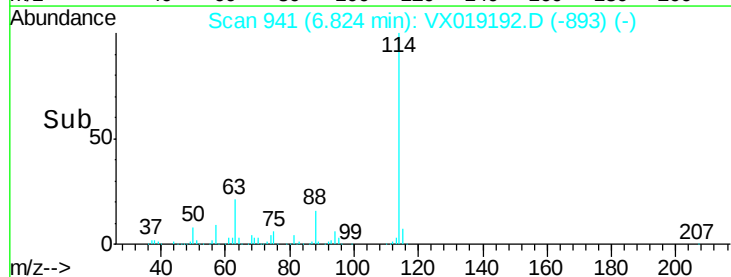
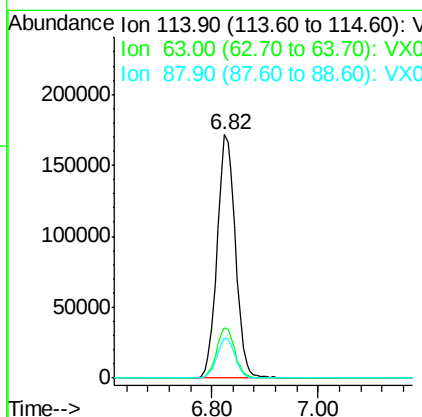
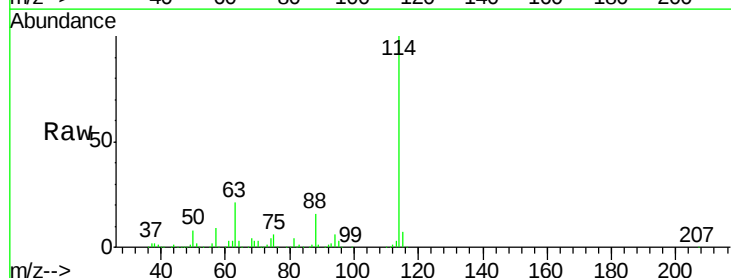
Manual Integrations
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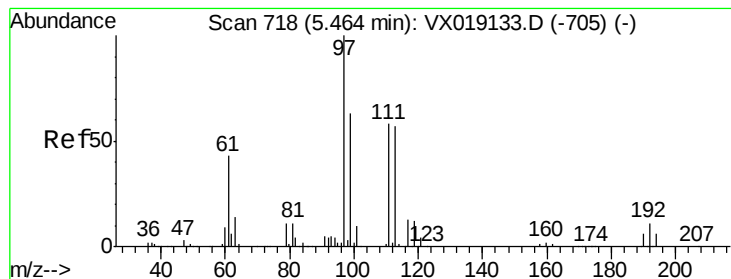
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.8
88	16.3	0.0	34.2





#35

Dibromofluoromethane

Concen: 49.148 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

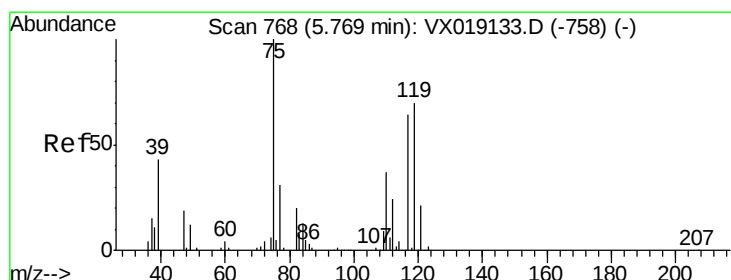
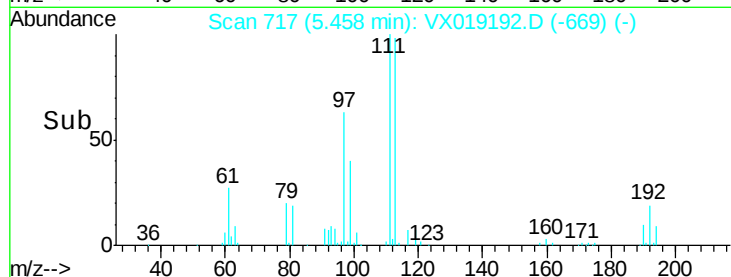
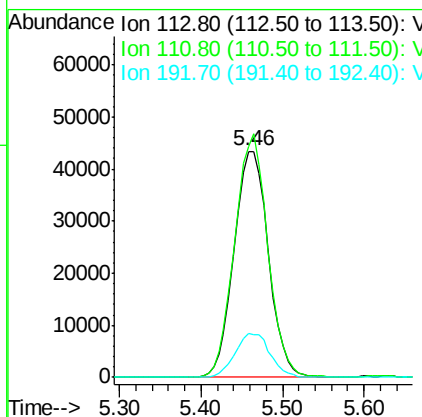
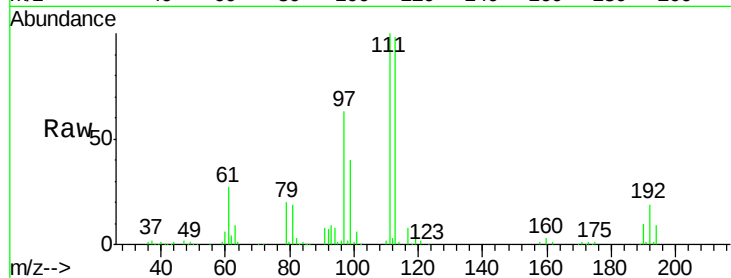
ClientSampleId :

VX1031WBSD01

Tot Ion:	113	Resp:	127245
Ion Ratio	Lower	Upper	
113	100		
111	103.7	82.3	123.5
192	19.7	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.266 ug/l

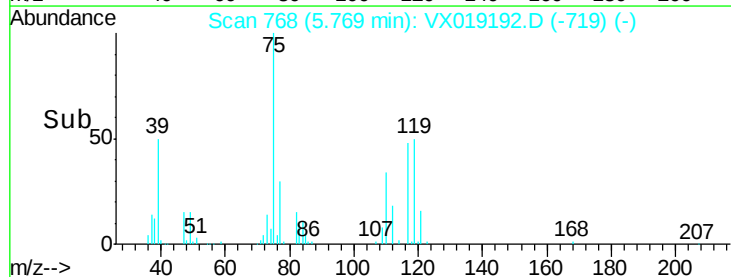
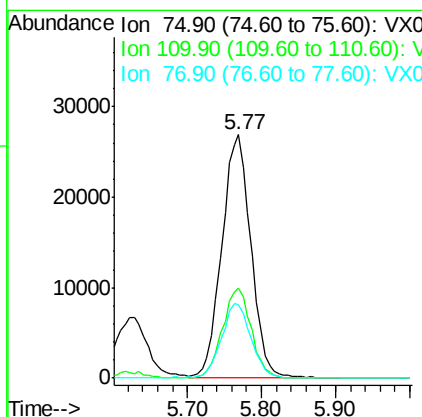
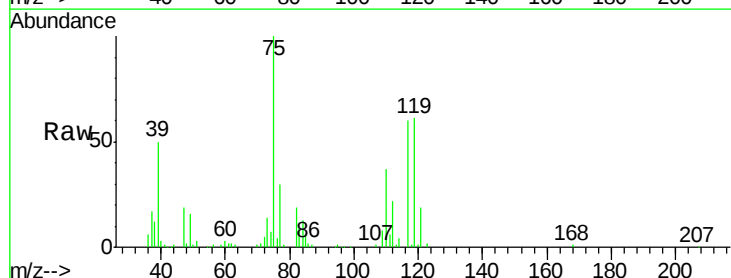
RT: 5.77 min Scan# 768

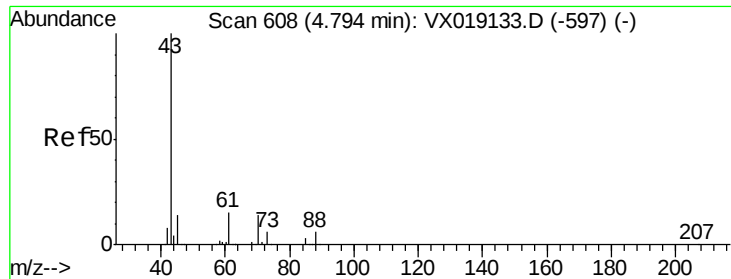
Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Tgt Ion:	75	Resp:	73327
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.3	54.9
77	31.1	24.9	37.3





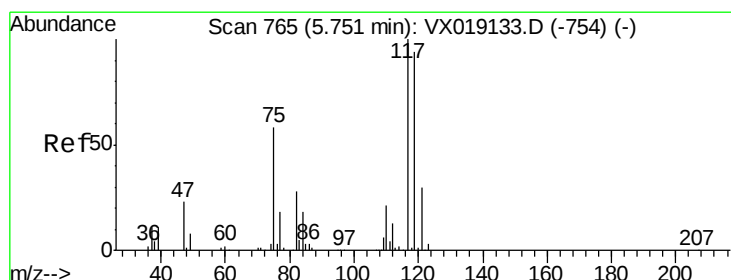
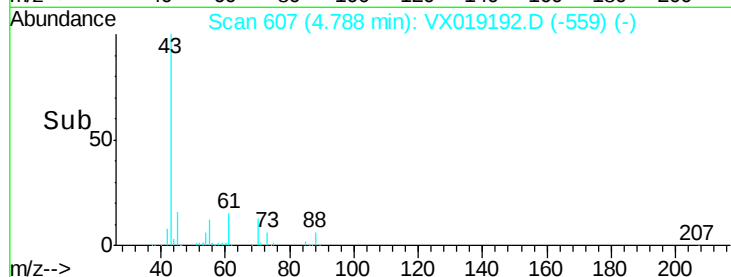
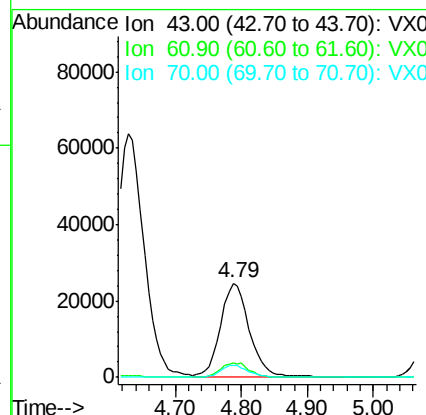
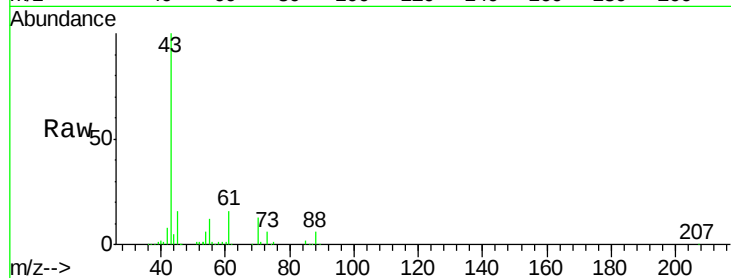
#37
Ethyl Acetate
Concen: 20.937 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.5	18.7
70	12.4	10.5	15.7

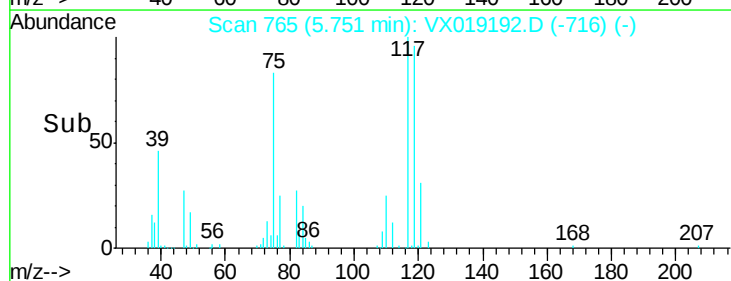
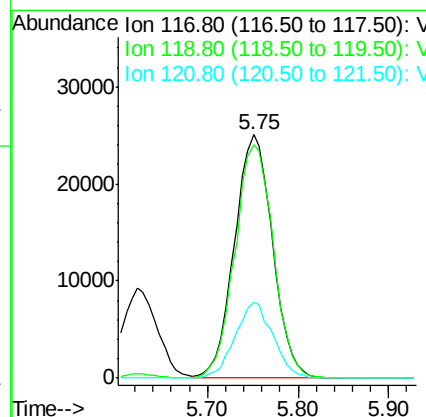
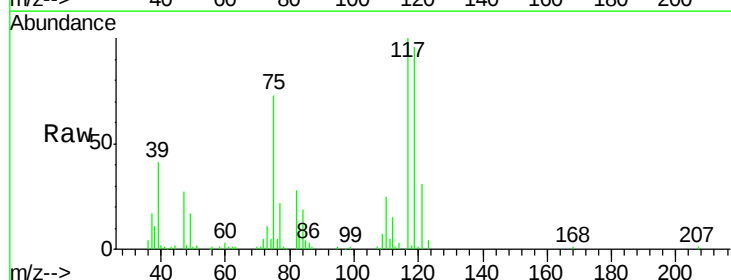
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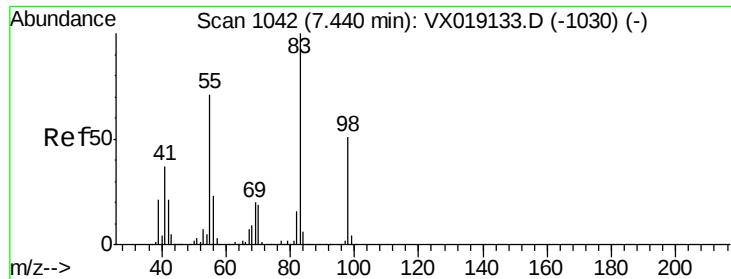
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#38
Carbon Tetrachloride
Concen: 18.887 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.0	112.6
121	31.0	23.9	35.9





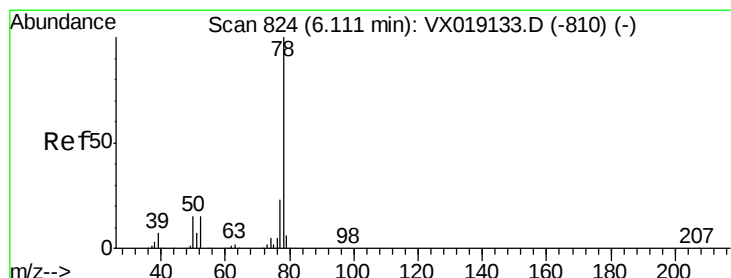
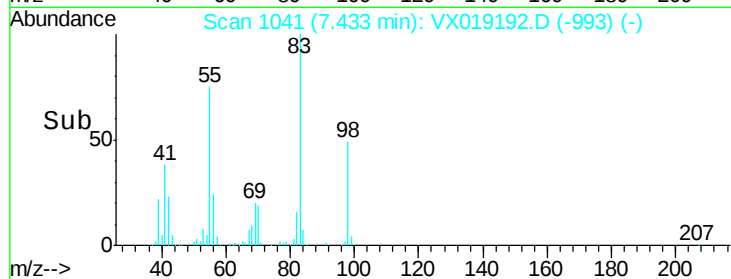
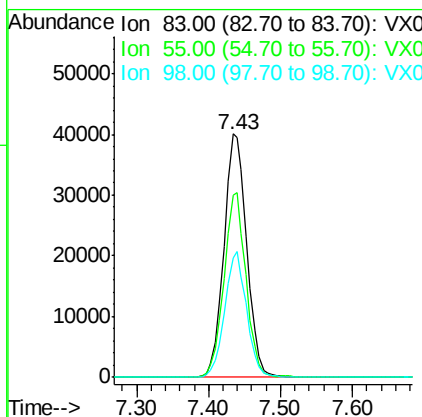
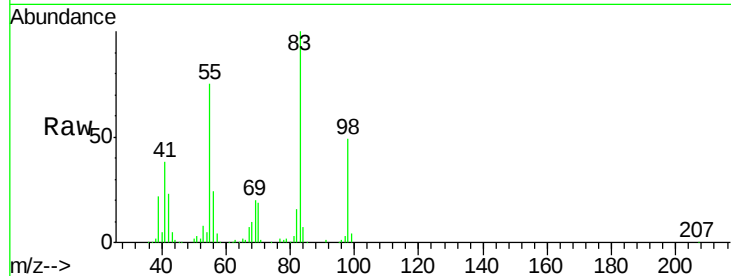
#39
Methvlcvclohexane
Concen: 19.463 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	83	Resp	88578
Ion Ratio	Lower	Upper	
83	100		
55	74.8	57.0	85.6
98	49.2	40.5	60.7

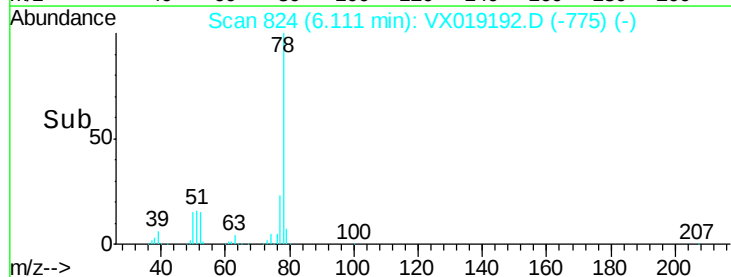
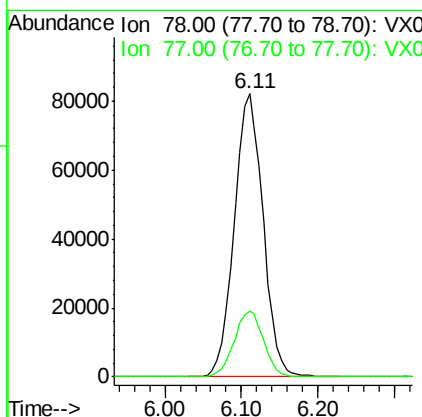
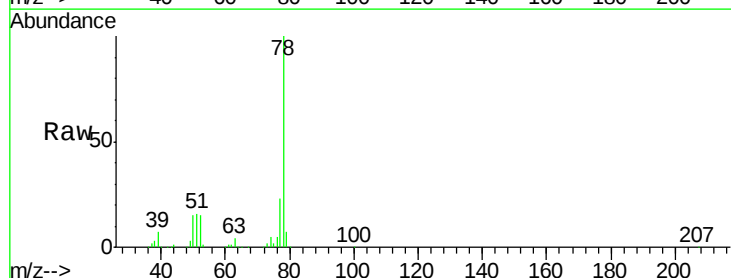
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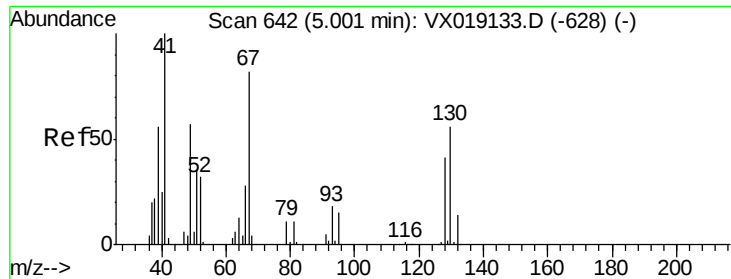
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#40
Benzene
Concen: 19.817 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	78	Resp	213855
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.7	28.1





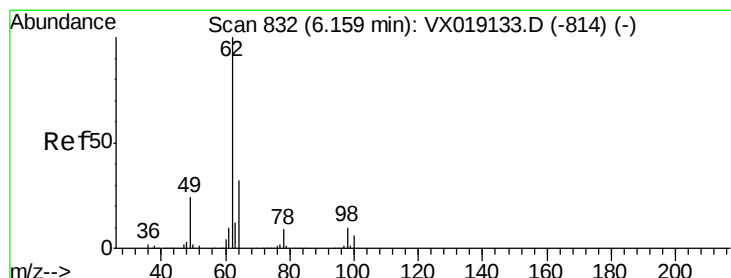
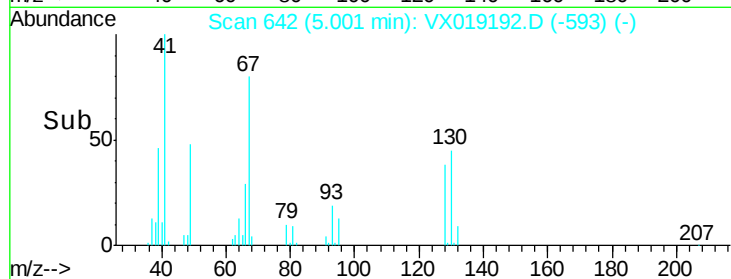
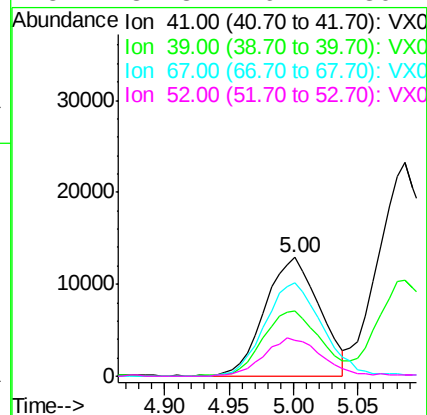
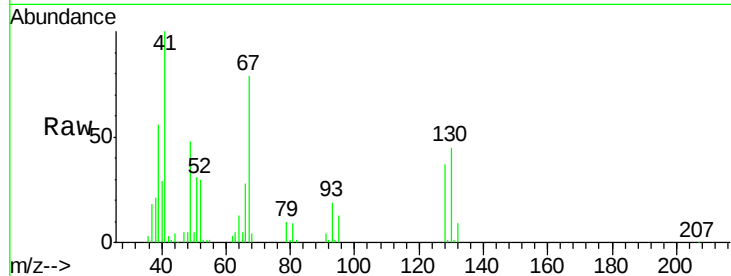
#41
Methacrylonitrile
Concen: 20.018 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampled :
VX1031WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		38096		
39	59.0	44.4	66.6		
67	83.2	66.4	99.6		
52	34.3	26.2	39.4		

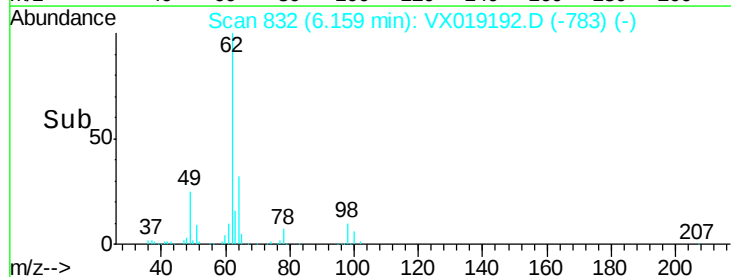
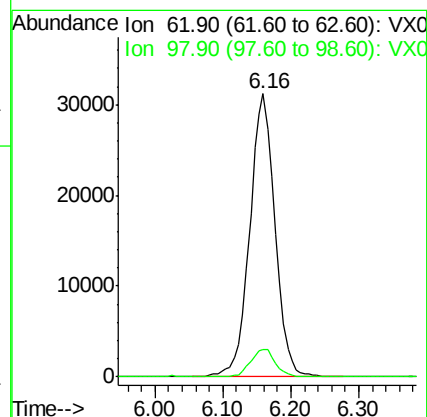
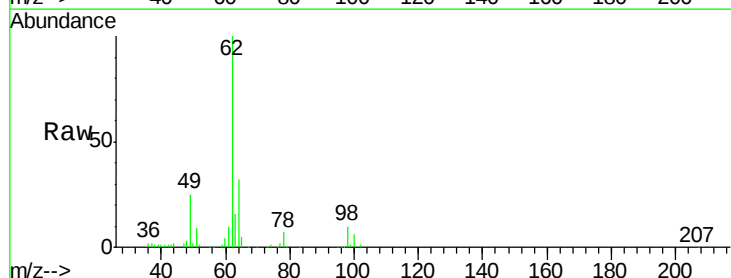
Manual Integrations
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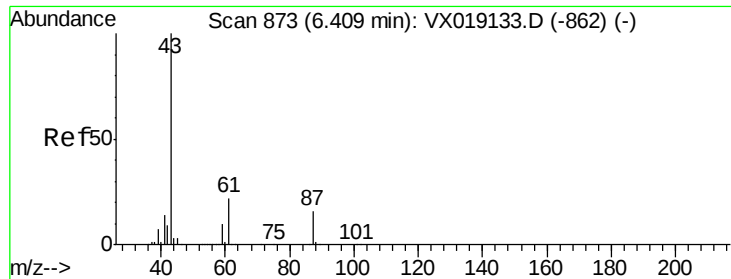
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.283 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		80671		
98	9.6	0.0	19.0		





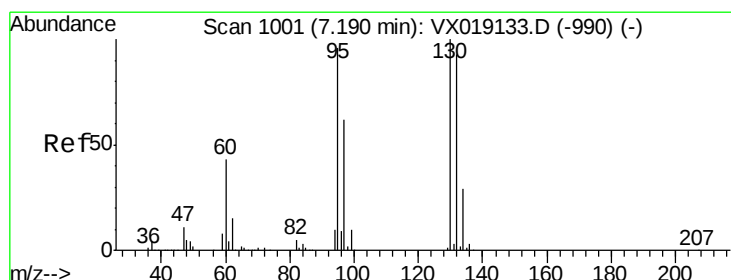
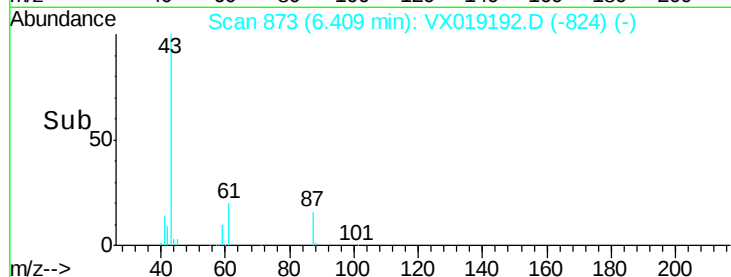
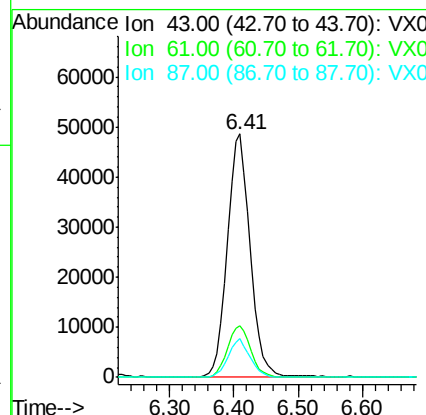
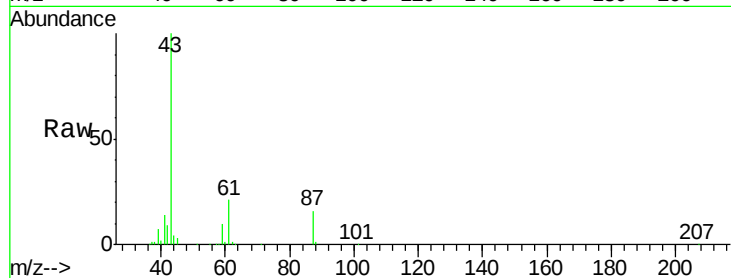
#43
Isopropyl Acetate
Concen: 20.443 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	15.3	12.6	19.0

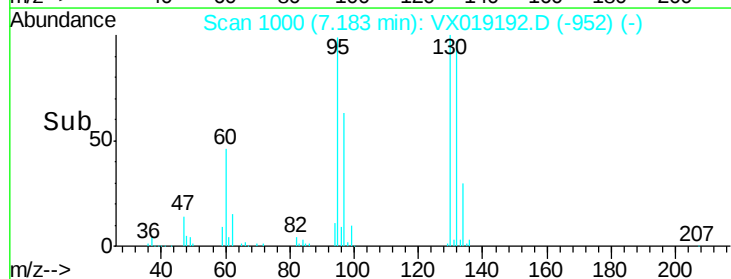
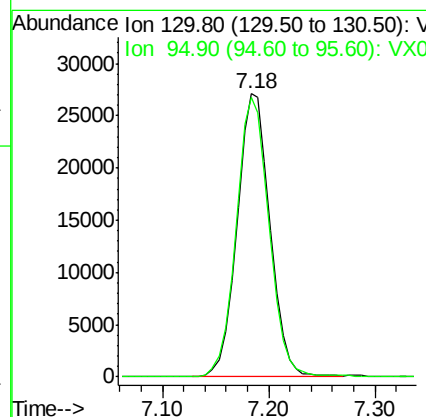
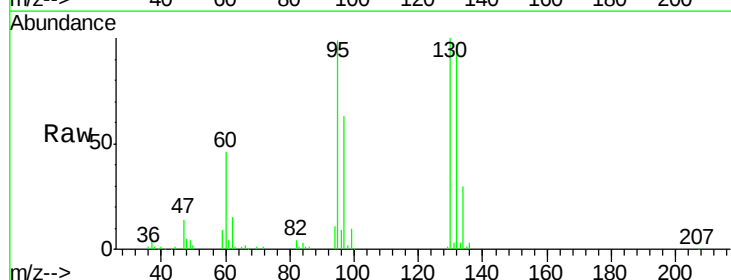
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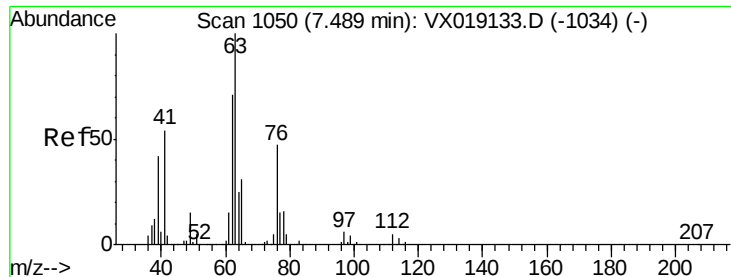
MMDadoda
10/30/2020 12:00:46 PM



#44
Trichloroethene
Concen: 18.949 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	192.0





#45

1,2-Dichloropropane

Concen: 20.483 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBSD01

Tot Ion: 63 Resp: 54141

Ion Ratio Lower Upper

63 100

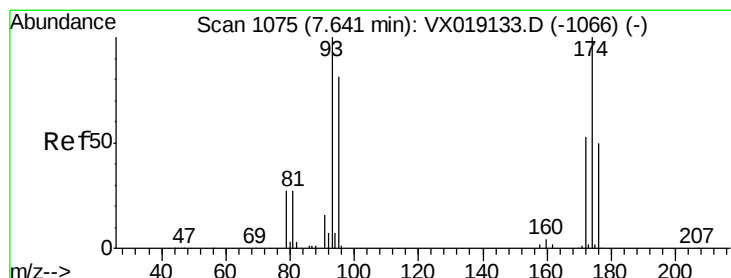
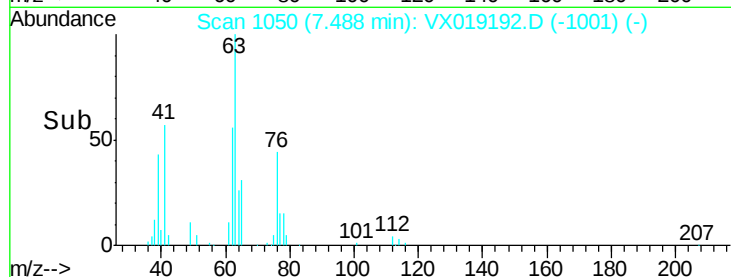
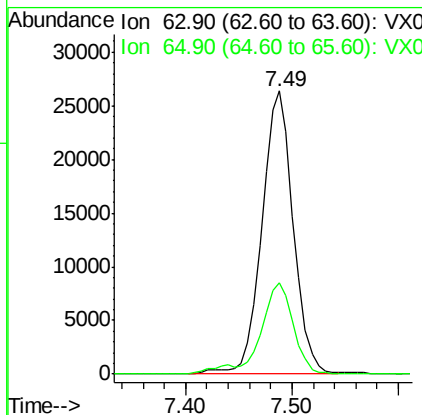
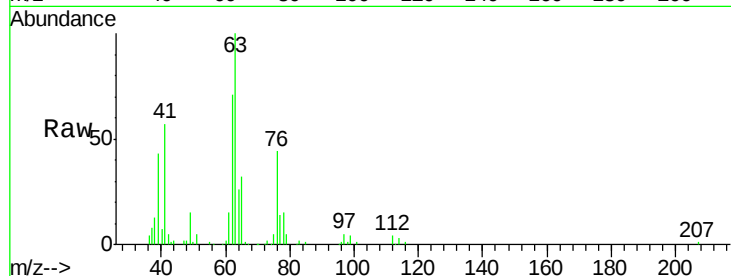
65 32.0 25.2 37.8

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10/30/2020 12:00:46 PM



#46

Dibromomethane

Concen: 19.633 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

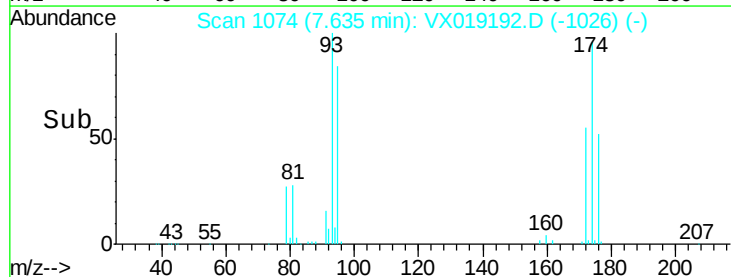
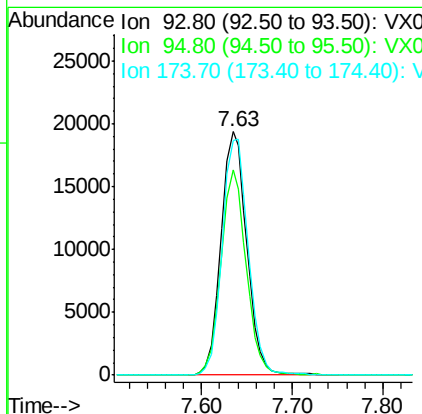
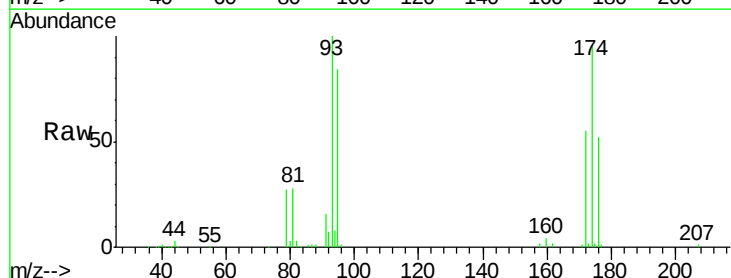
Tgt Ion: 93 Resp: 38374

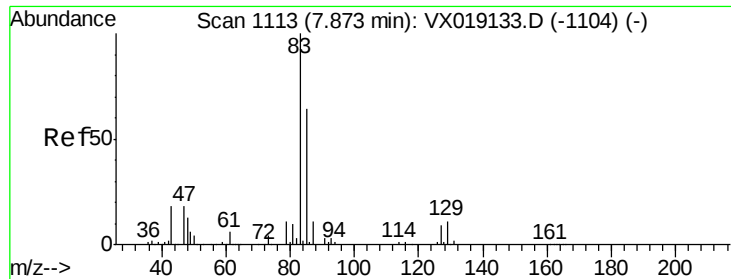
Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.6

174 97.9 81.7 122.5





#47

Bromodichloromethane

Concen: 19.746 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

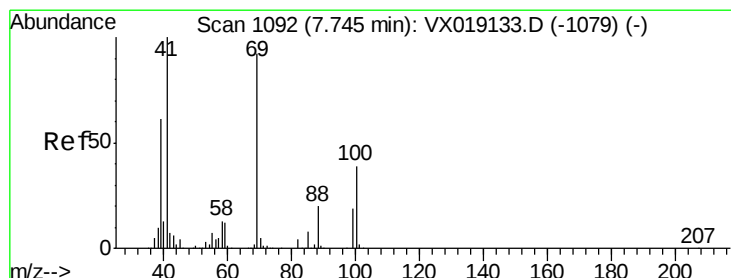
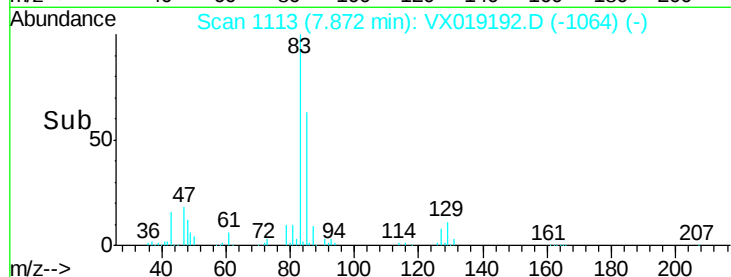
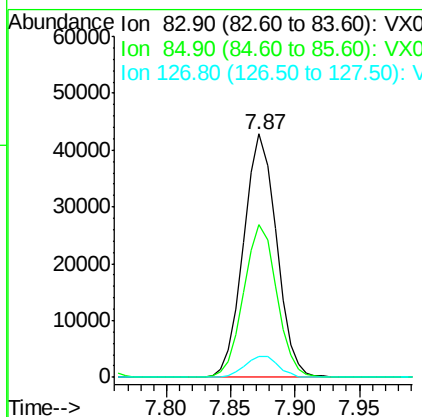
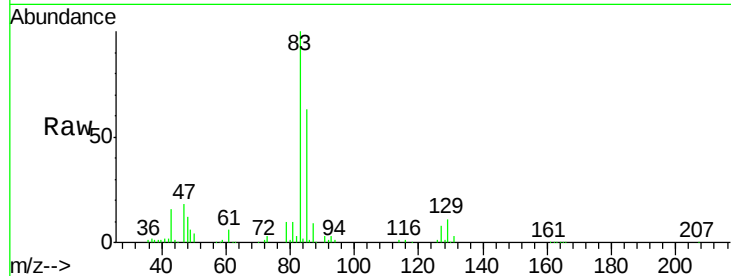
ClientSampleId :

VX1031WBSD01

Tot Ion:	83	Resp:	76074
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.2	76.8
127	8.4	7.1	10.7

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#48

Methyl methacrylate

Concen: 20.841 ug/l

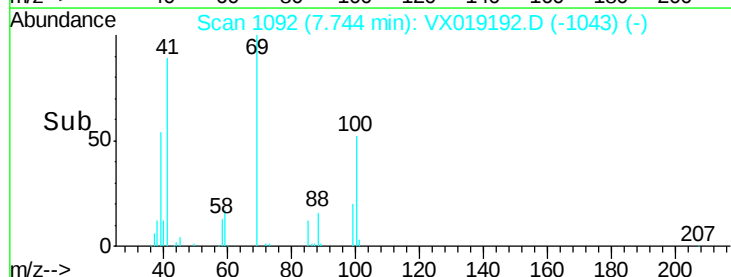
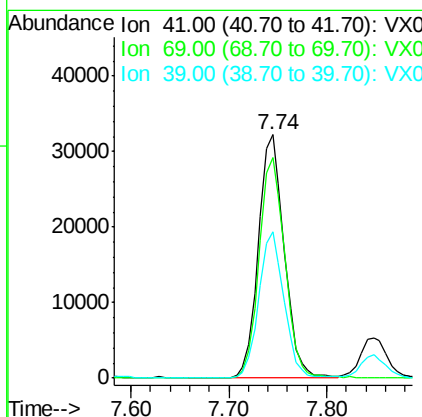
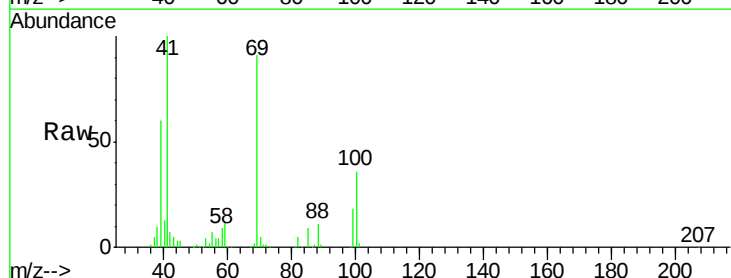
RT: 7.74 min Scan# 1092

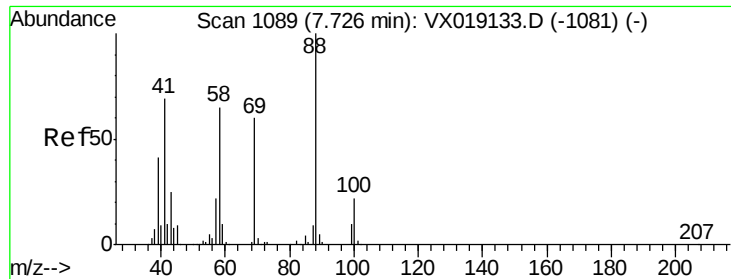
Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Tgt Ion:	41	Resp:	59356
Ion	Ratio	Lower	Upper
41	100		
69	90.7	75.5	113.3
39	58.3	48.9	73.3





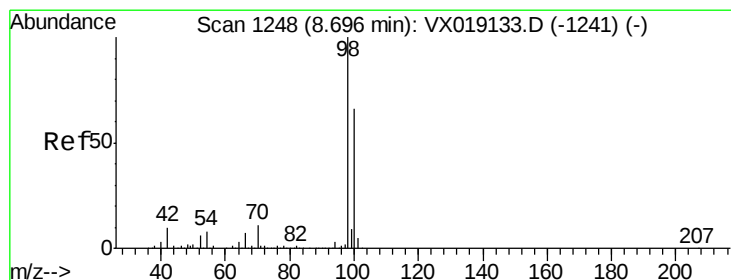
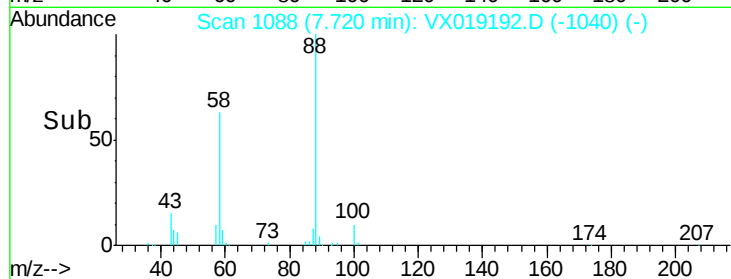
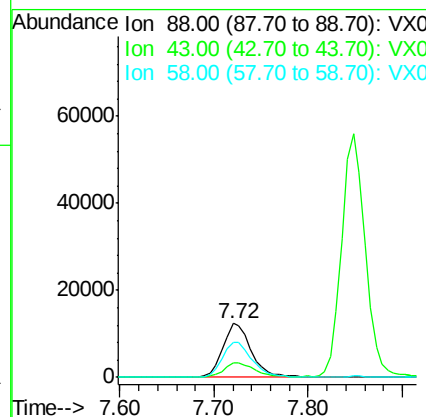
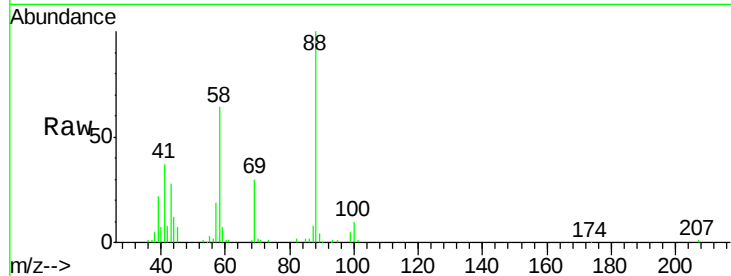
#49
 1,4-Dioxane
 Concen: 406.652 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	23.0	34.6
58	68.7	52.2	78.2

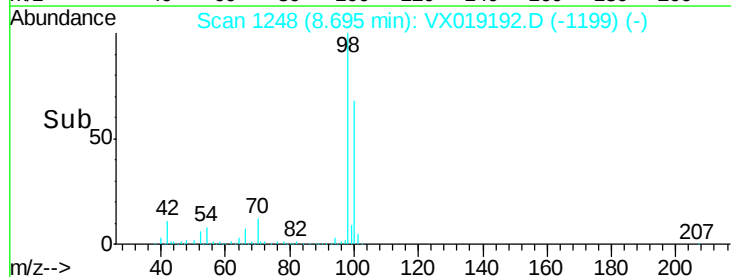
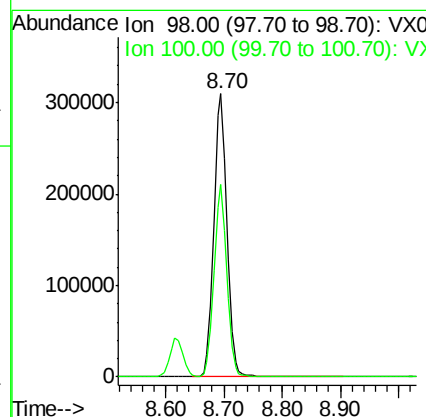
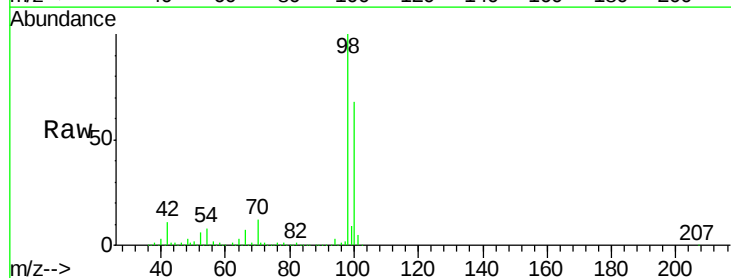
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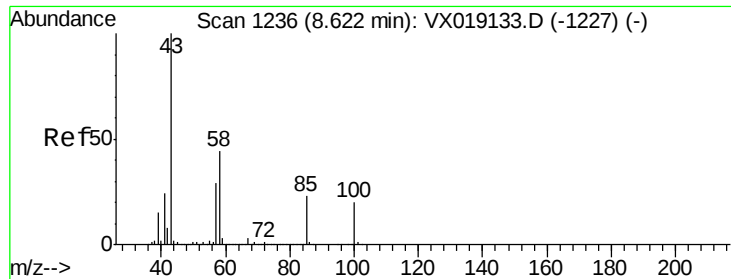
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#50
 Toluene-d8
 Concen: 49.753 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 106.277 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBSD01

Tot Ion: 43 Resp: 361441

Ion Ratio Lower Upper

43 100

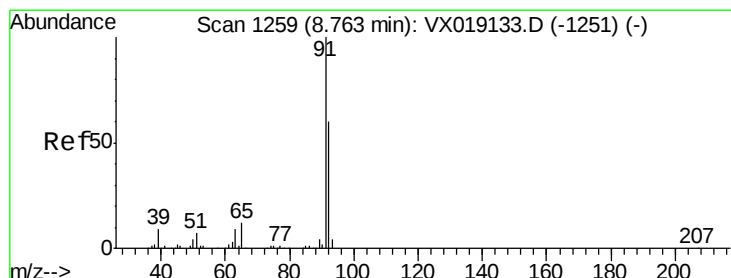
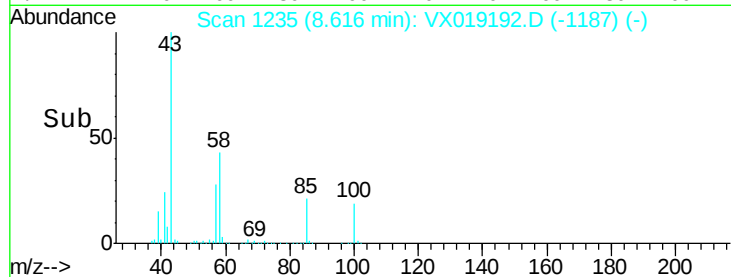
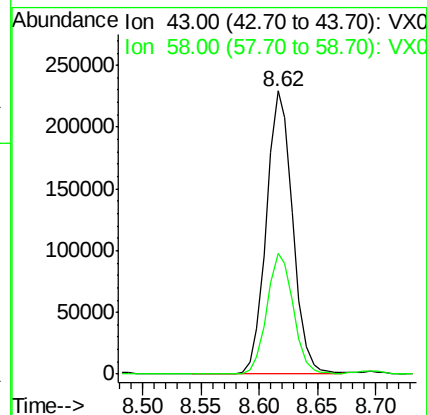
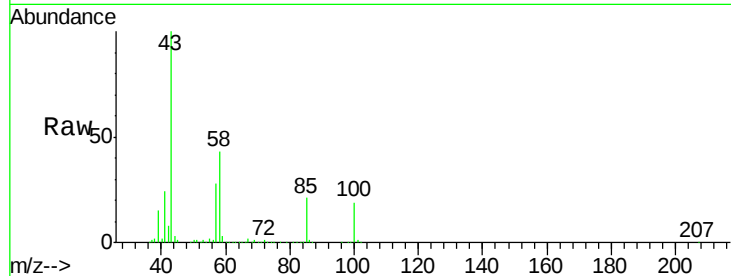
58 43.0 35.0 52.4

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10/30/2020 12:00:46 PM



#52

Toluene

Concen: 19.747 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019192.D

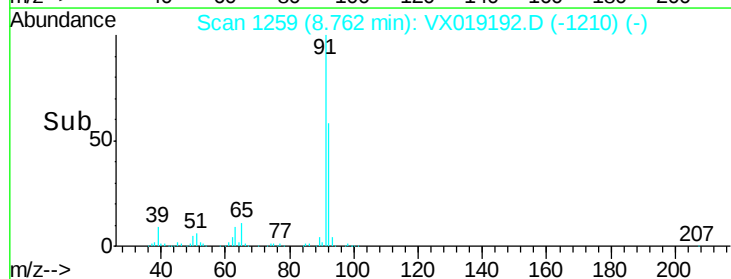
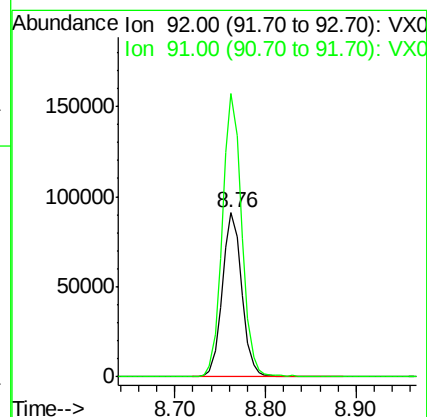
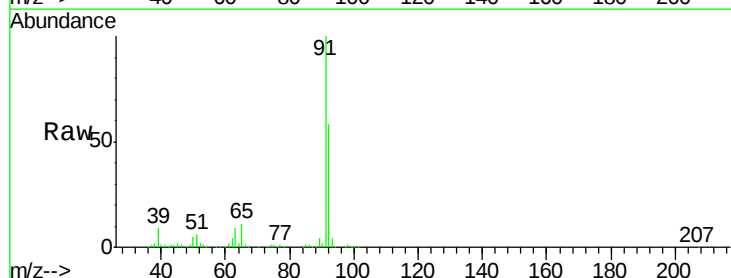
Acq: 29 Oct 2020 16:56

Tgt Ion: 92 Resp: 137247

Ion Ratio Lower Upper

92 100

91 171.6 136.3 204.5





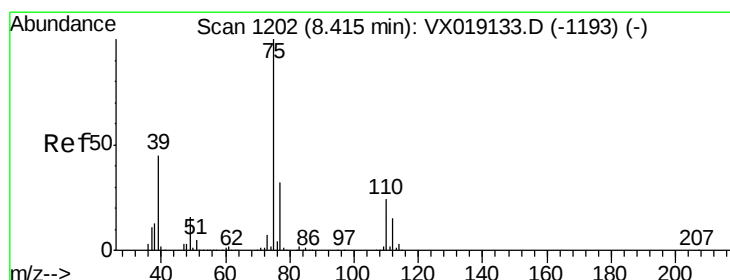
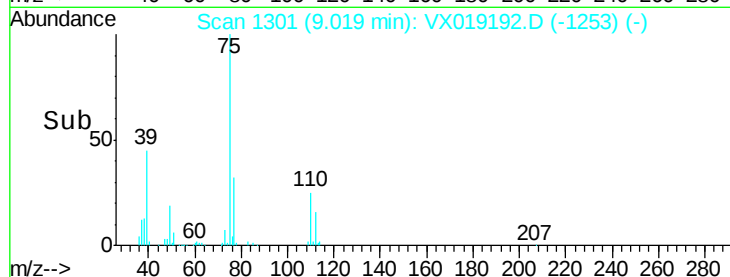
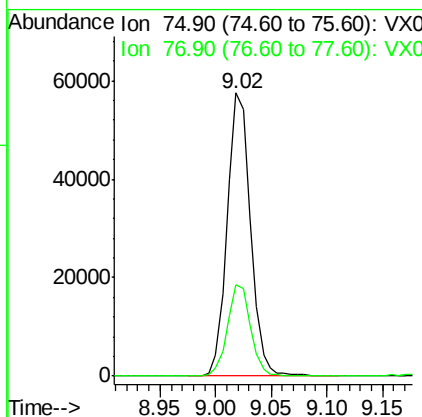
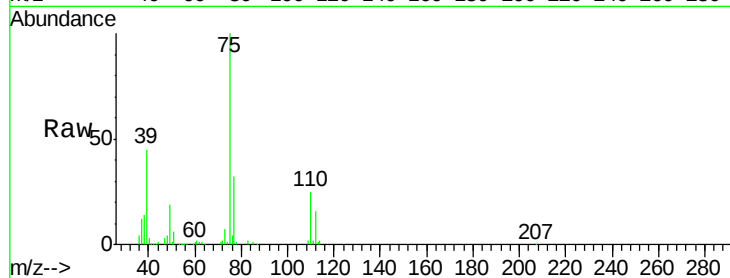
#53
t-1,3-Dichloropropene
Concen: 18.989 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.0

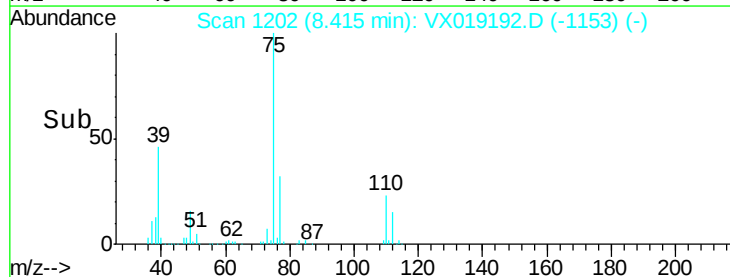
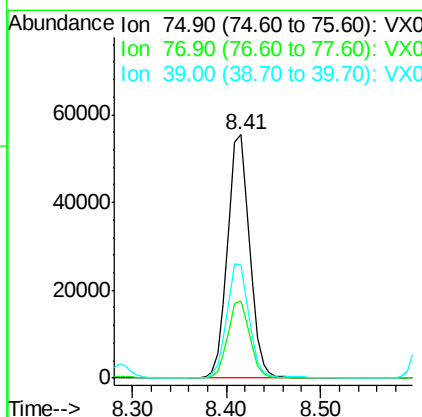
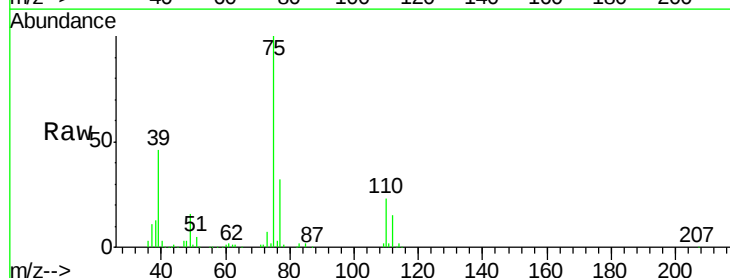
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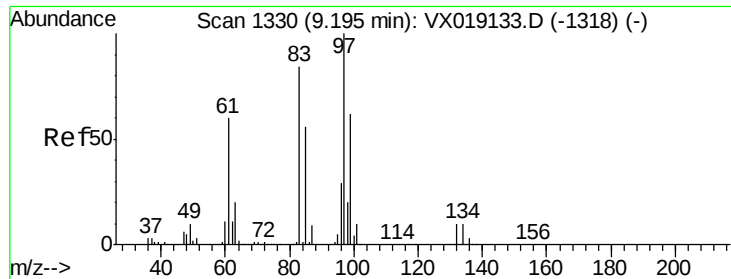
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#54
cis-1,3-Dichloropropene
Concen: 19.601 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.5	38.3
39	46.1	36.2	54.2





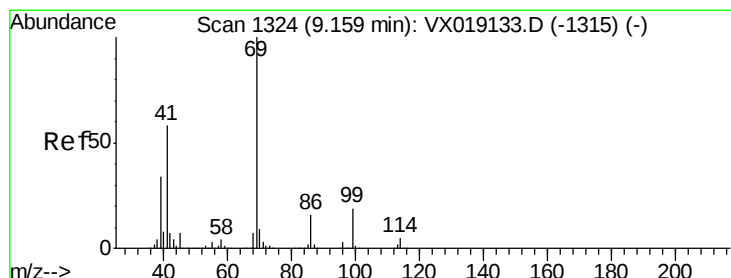
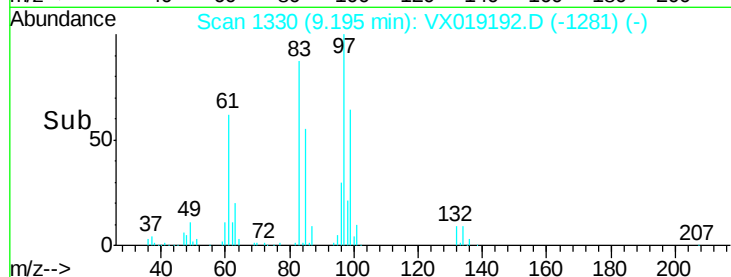
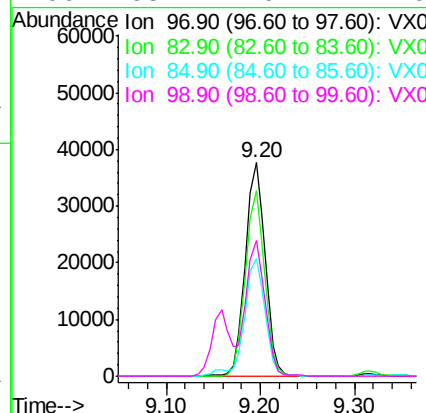
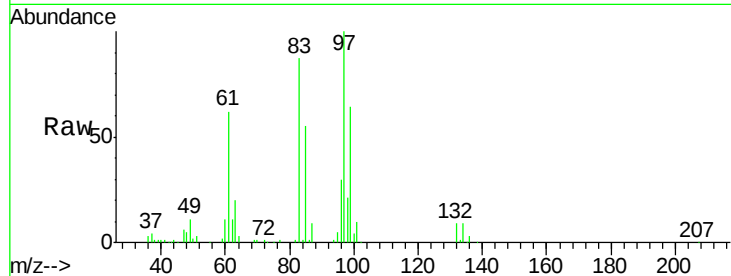
#55
 1,1,2-Trichloroethane
 Concen: 20.342 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Tot Ion	97	Resp	55862
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.2	100.8
85	55.1	44.6	67.0
99	63.7	49.4	74.0

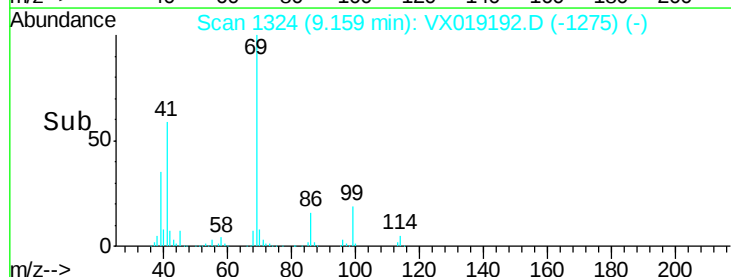
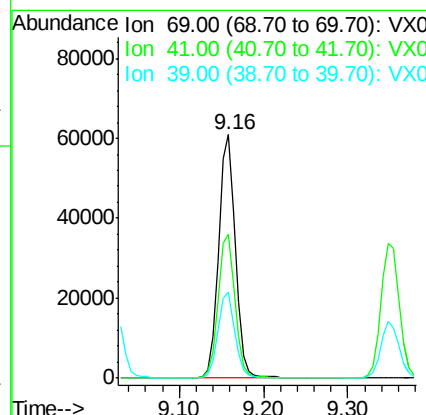
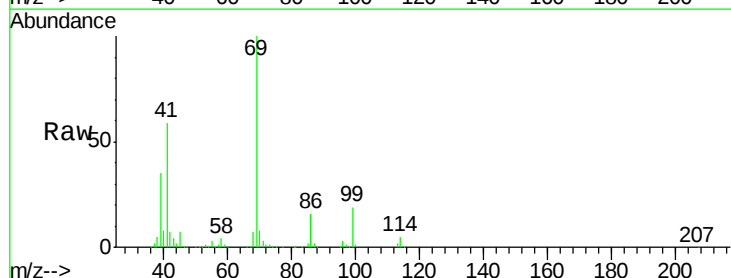
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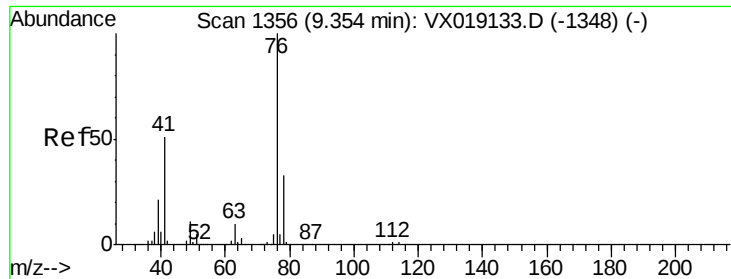
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#56
 Ethyl methacrylate
 Concen: 20.263 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Tgt Ion	69	Resp	84050
Ion	Ratio	Lower	Upper
69	100		
41	59.8	46.5	69.7
39	35.8	27.6	41.4





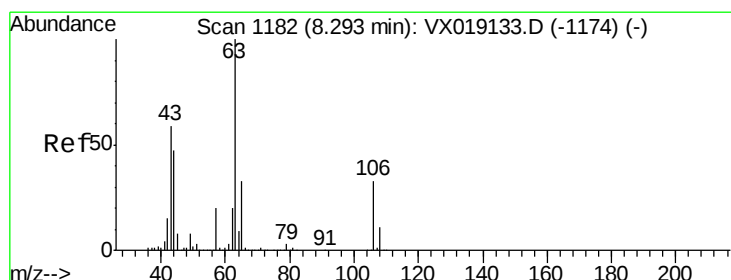
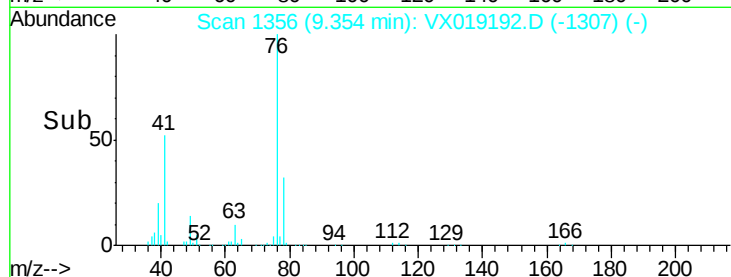
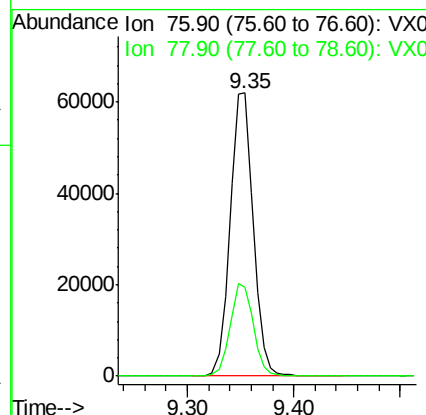
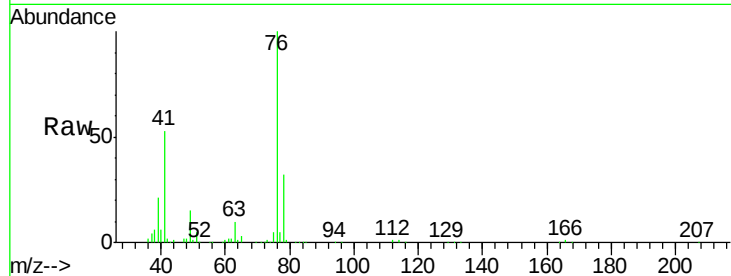
#57
 1,3-Dichloropropane
 Concen: 20.345 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.9	38.9

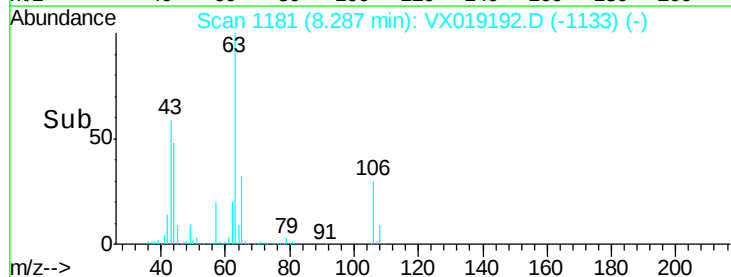
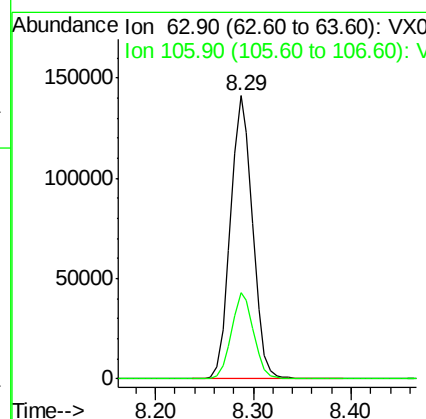
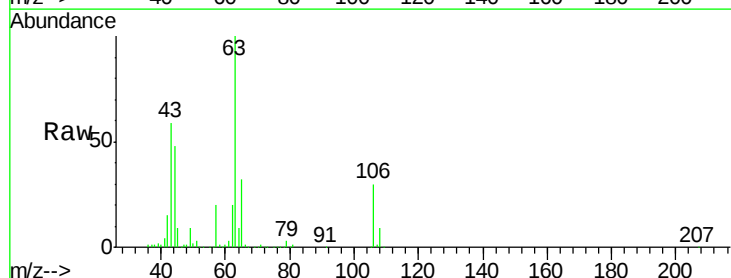
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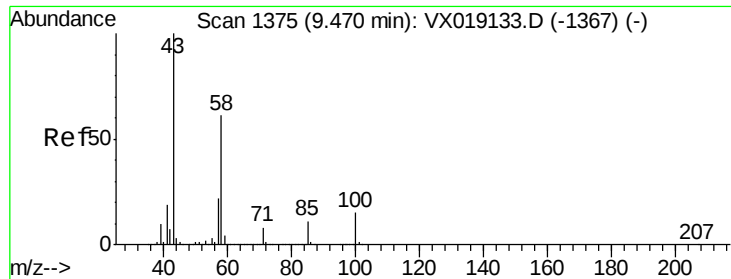
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.746 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	25.1	37.7





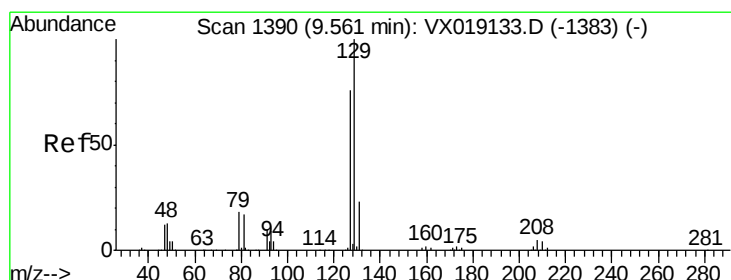
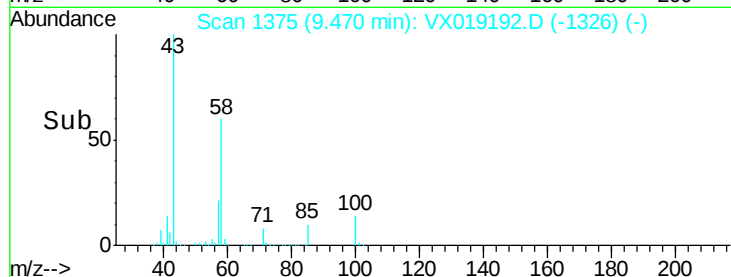
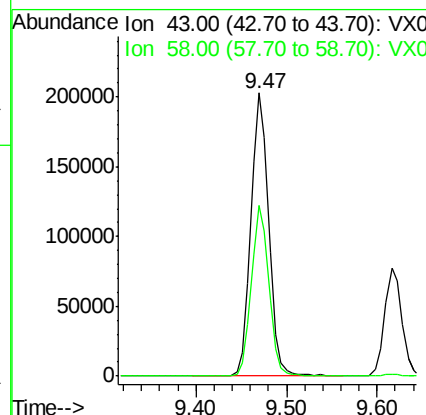
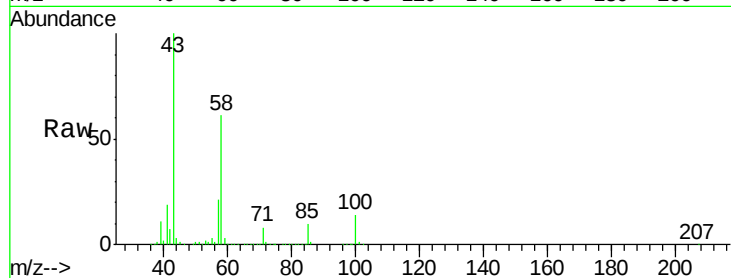
#59
2-Hexanone
Concen: 106.608 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.8	30.5	91.5

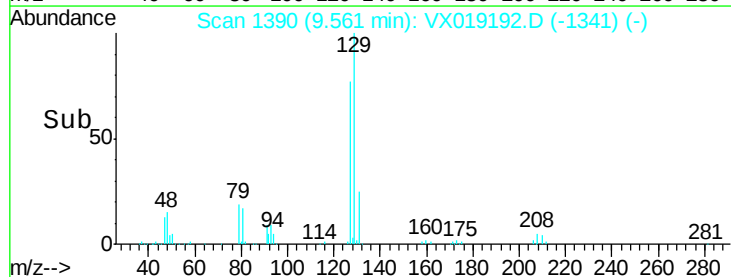
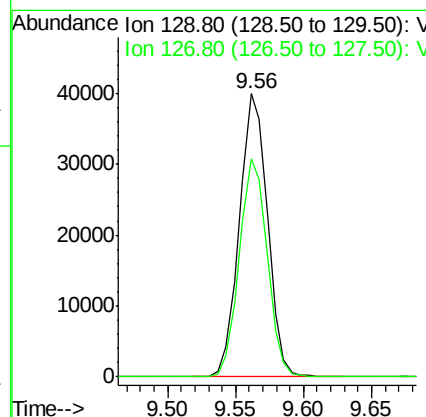
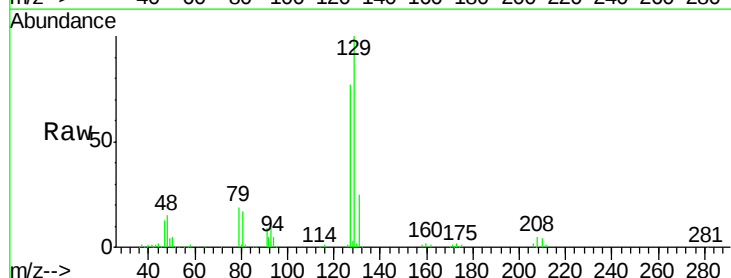
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#60
Dibromochloromethane
Concen: 19.335 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.6	115.8





#61

1,2-Dibromoethane

Concen: 19.855 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBSD01

Tot Ion: 107 Resp: 58308

Ion Ratio Lower Upper

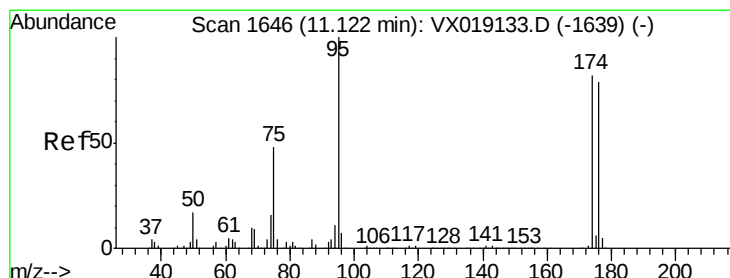
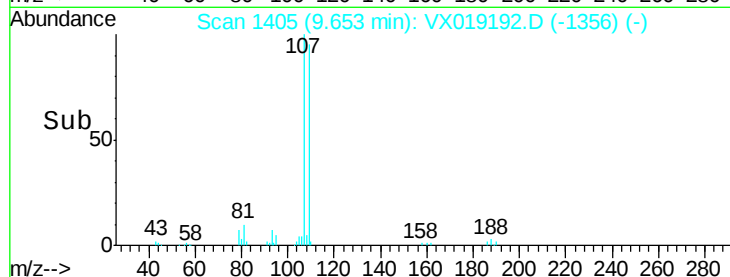
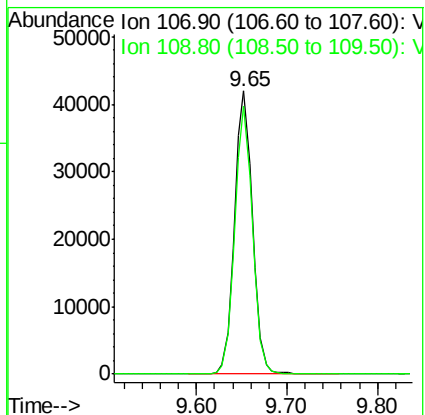
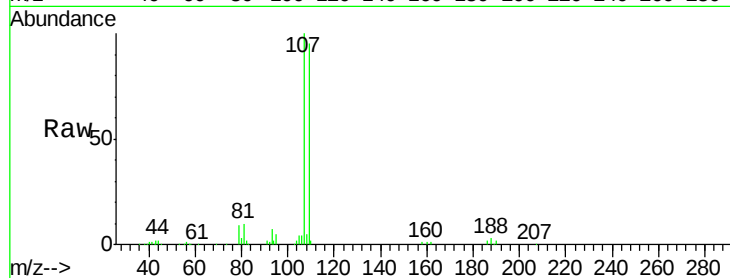
107 100

109 94.0 75.9 113.9

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10/30/2020 12:00:46 PM



#62

4-Bromofluorobenzene

Concen: 50.295 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

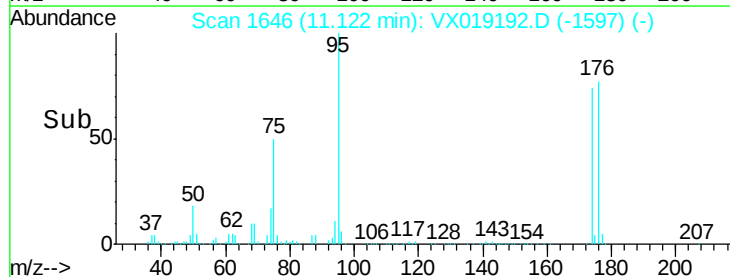
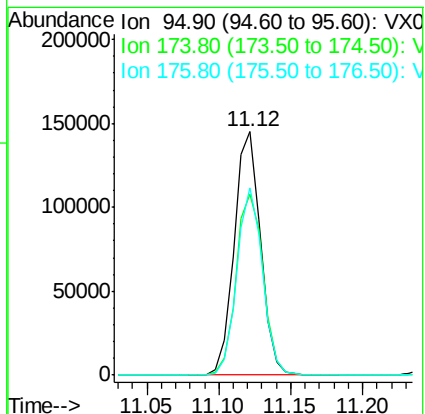
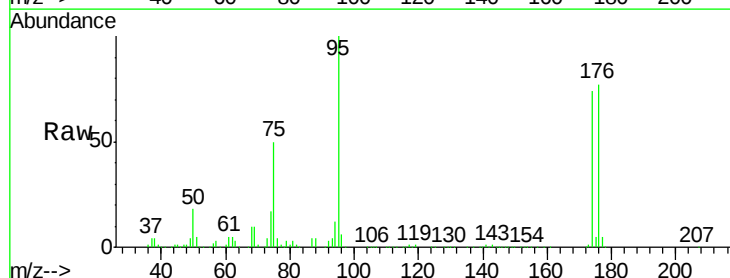
Tgt Ion: 95 Resp: 185892

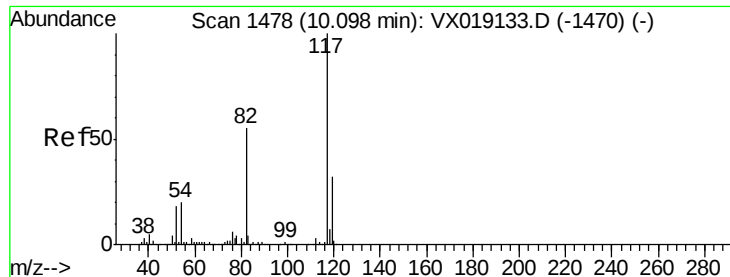
Ion Ratio Lower Upper

95 100

174 76.1 0.0 156.0

176 74.7 0.0 149.8





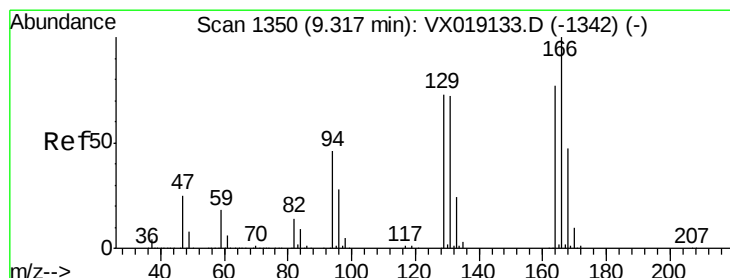
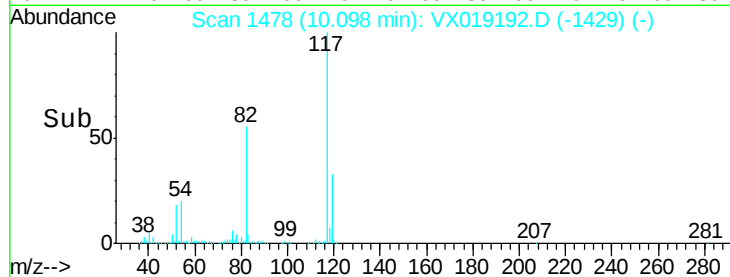
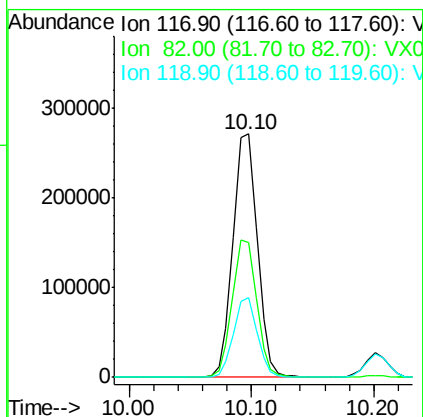
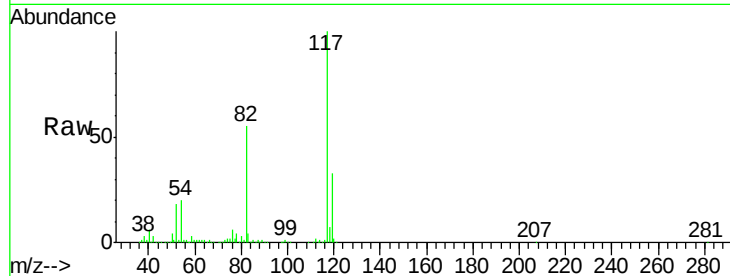
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	376366		
82	55.2	43.6	65.4	
119	32.7	25.5	38.3	

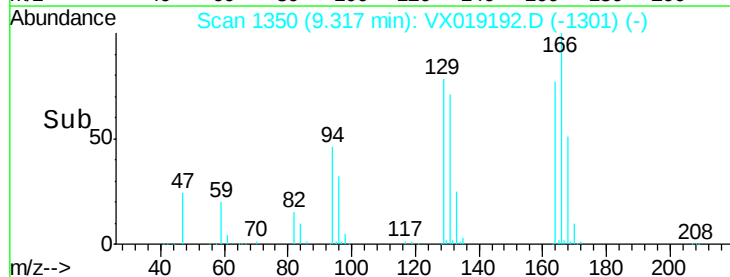
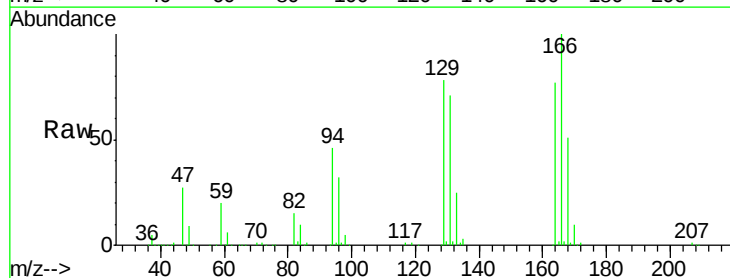
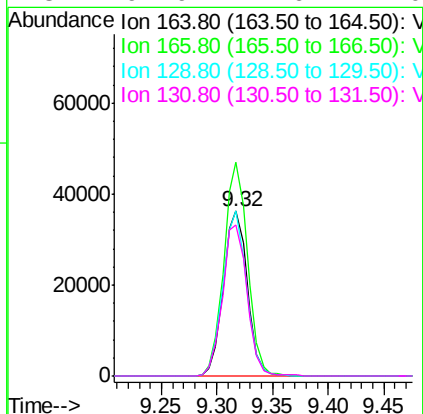
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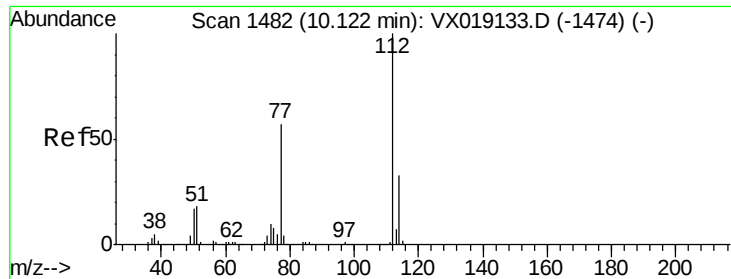
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#64
Tetrachloroethene
Concen: 18.816 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53955		
166	129.5	104.1	156.1	
129	100.5	76.2	114.4	
131	91.9	74.6	112.0	





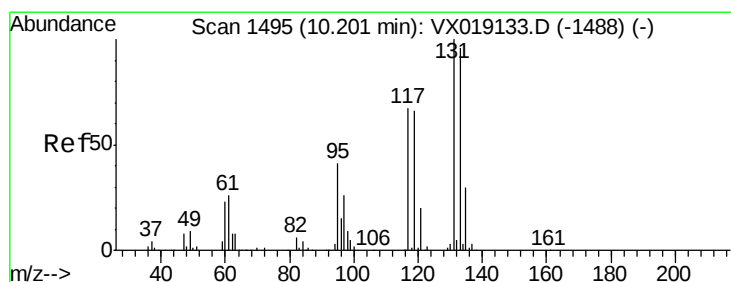
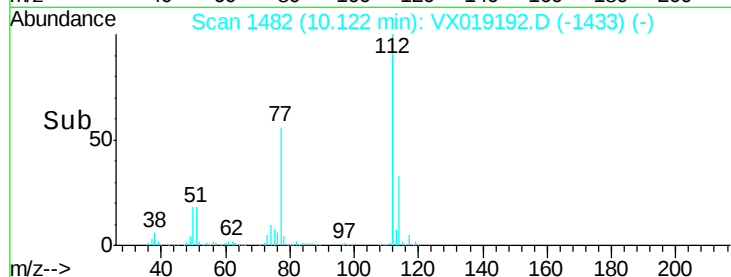
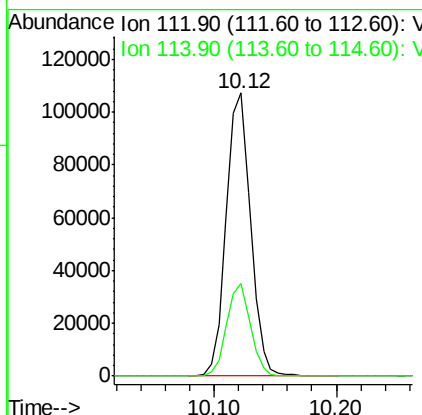
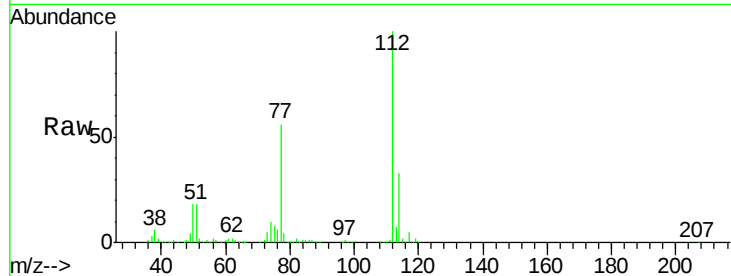
#65
Chlorobenzene
Concen: 19.161 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion:112 Resp: 147399
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1

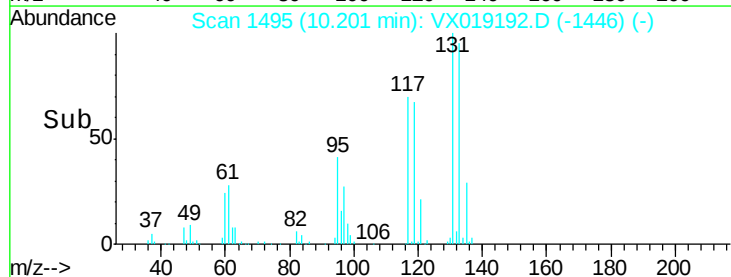
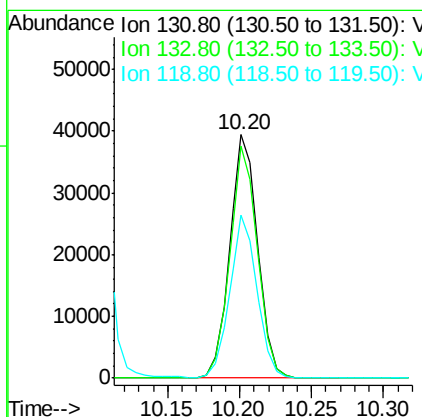
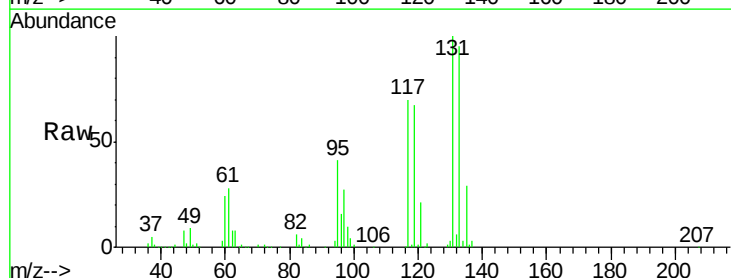
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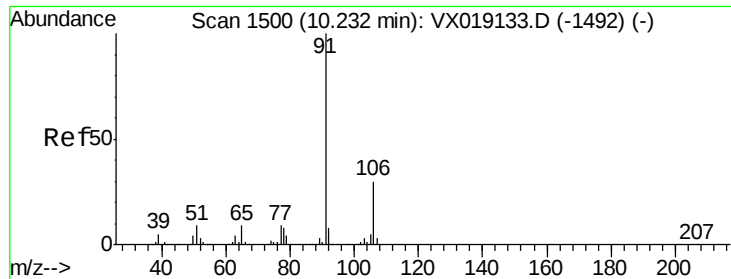
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.296 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion:131 Resp: 53436
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.8
119 65.4 32.3 96.9





#67

Ethyl Benzene

Concen: 19.210 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBSD01

Tot Ion: 91 Resp: 263324

Ion Ratio Lower Upper

91 100

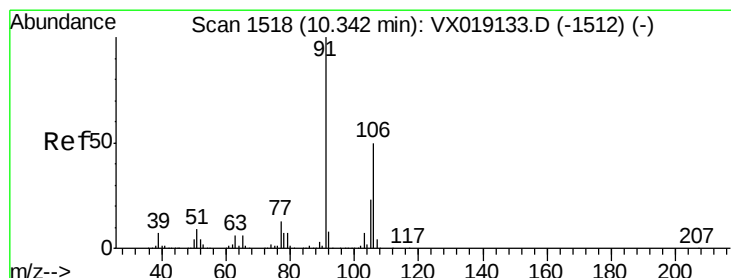
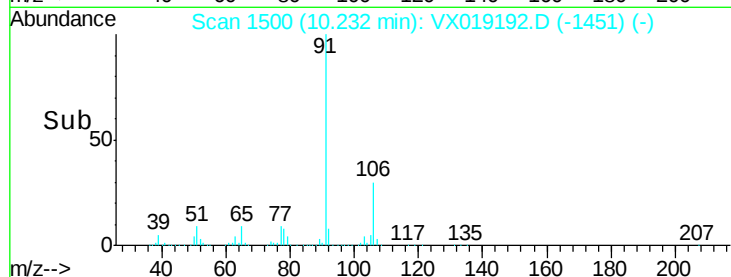
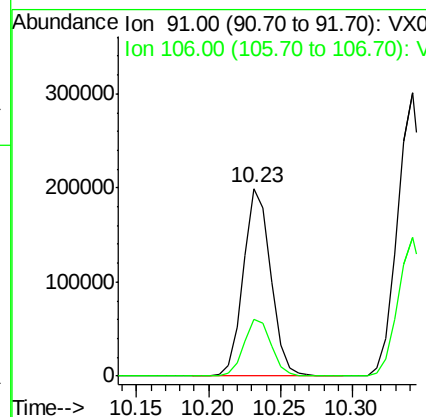
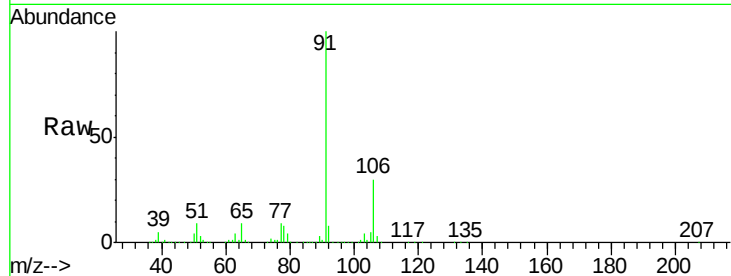
106 30.1 24.3 36.5

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10/30/2020 12:00:46 PM



#68

m/p-Xylenes

Concen: 38.391 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019192.D

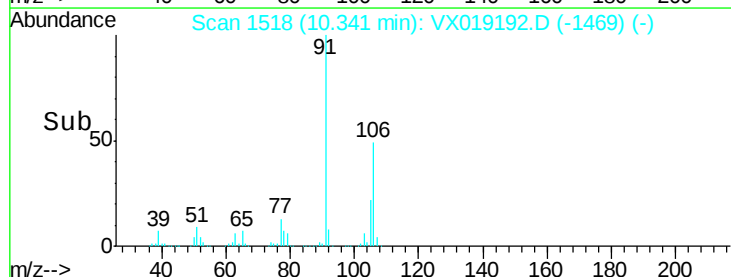
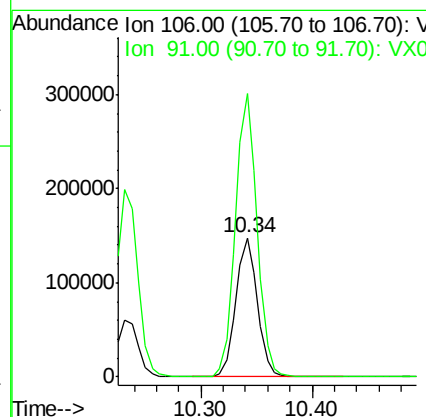
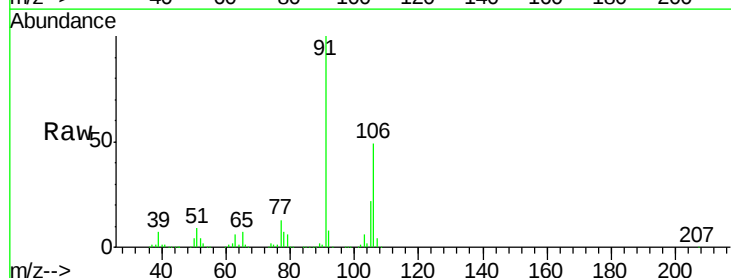
Acq: 29 Oct 2020 16:56

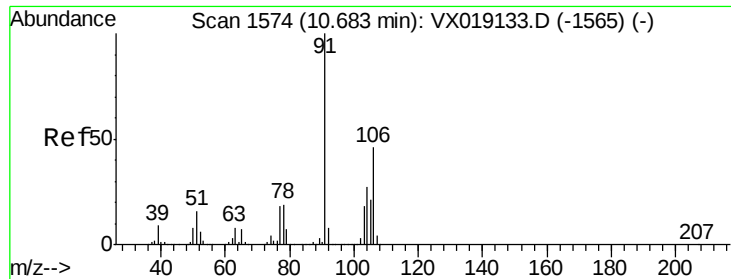
Tgt Ion: 106 Resp: 197508

Ion Ratio Lower Upper

106 100

91 204.1 161.0 241.4





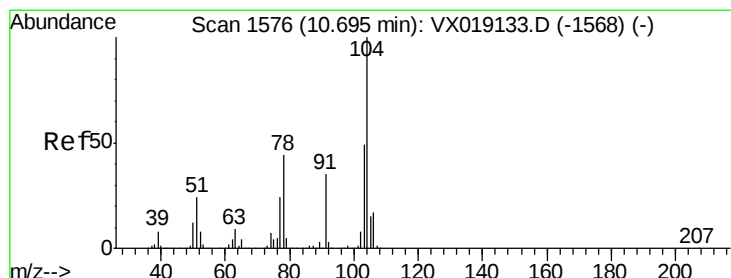
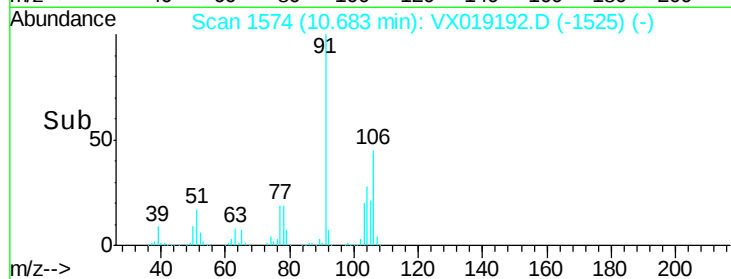
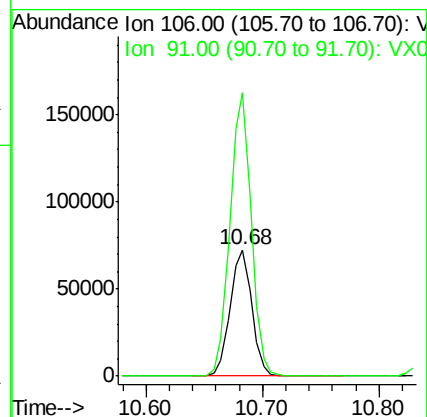
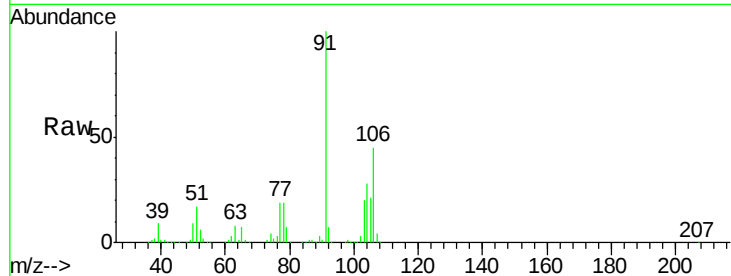
#69
o-Xylene
Concen: 19.217 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion:106 Resp: 93771
Ion Ratio Lower Upper
106 100
91 219.3 108.3 324.8

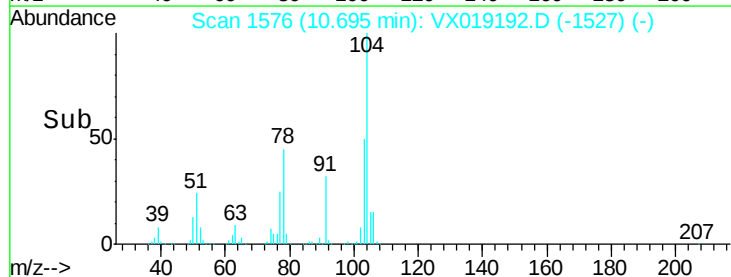
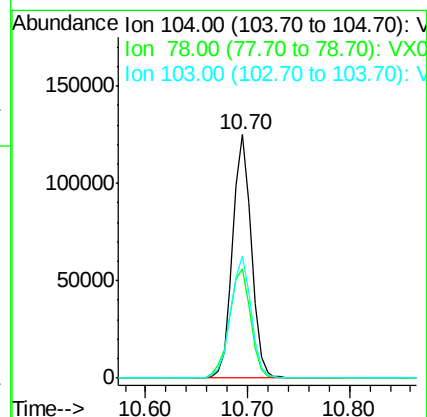
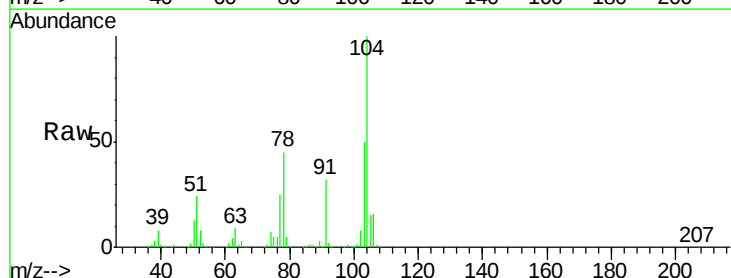
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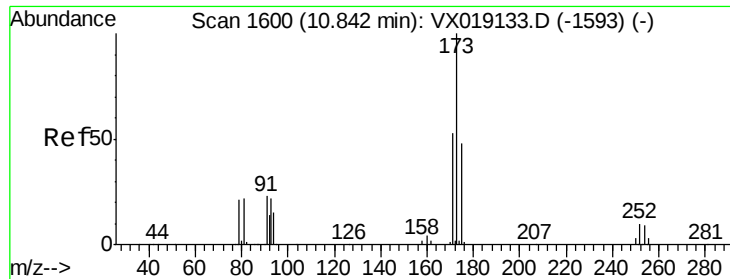
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#70
Styrene
Concen: 19.030 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion:104 Resp: 158438
Ion Ratio Lower Upper
104 100
78 51.2 40.0 60.0
103 54.8 43.5 65.3





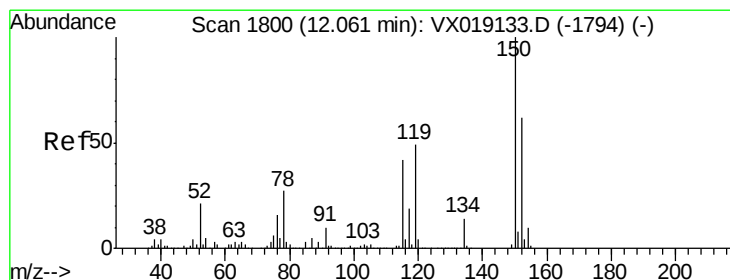
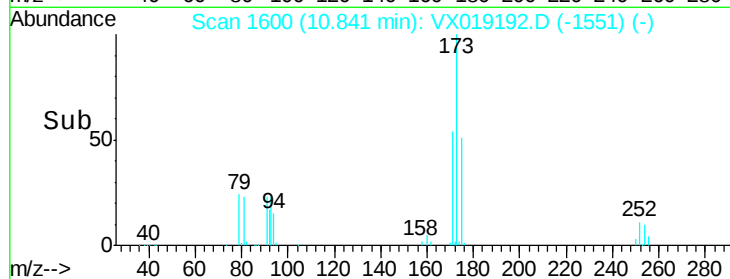
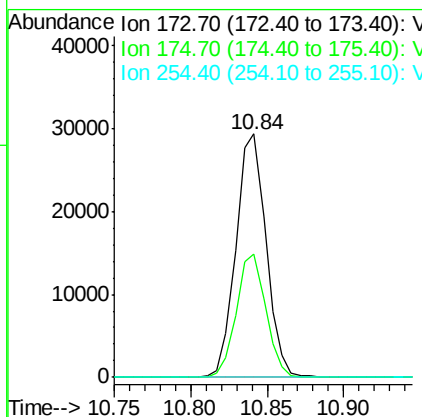
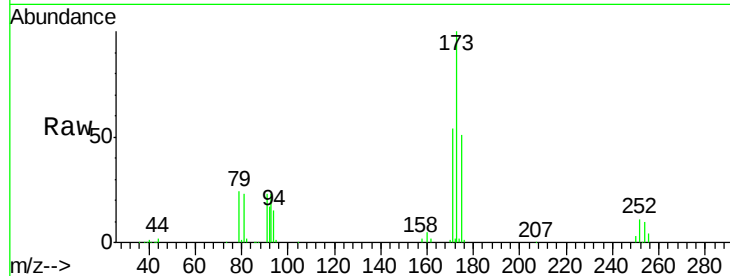
#71
Bromoform
Concen: 18.258 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.4	73.4
254	0.0	0.1	0.1#

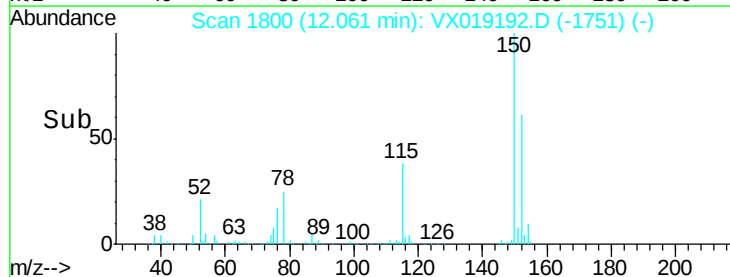
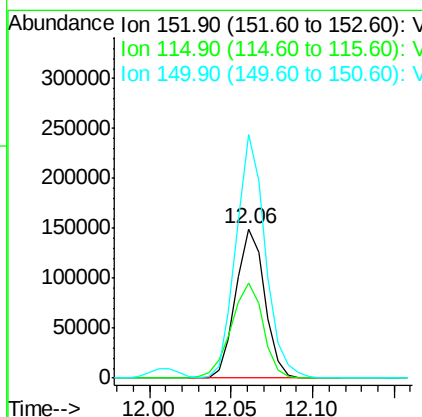
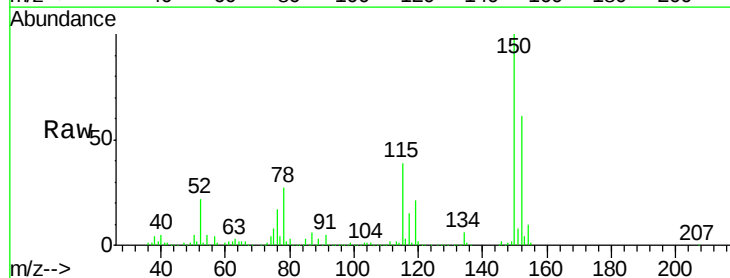
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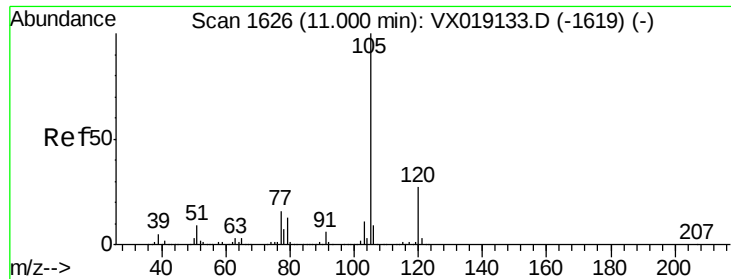
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10/30/2020 12:00:46 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.1	41.9	125.7
150	164.7	0.0	347.8





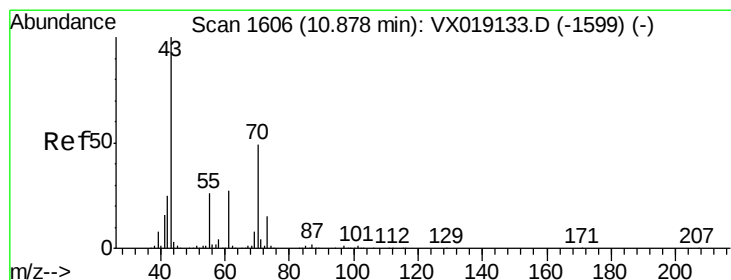
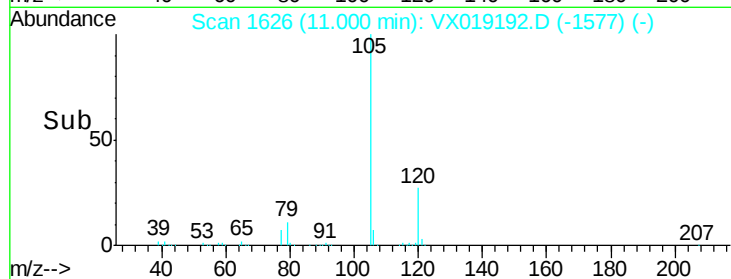
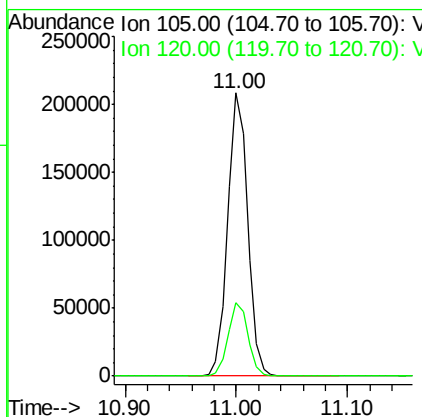
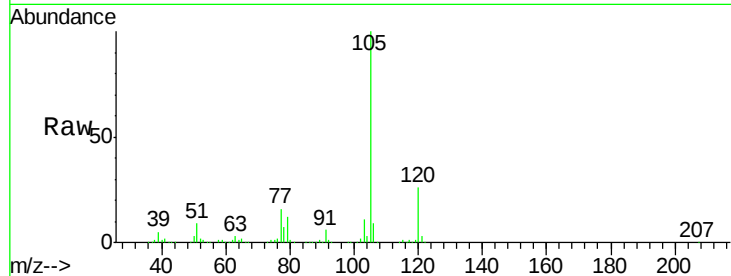
#73
Isopropylbenzene
Concen: 19.732 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.3	39.8

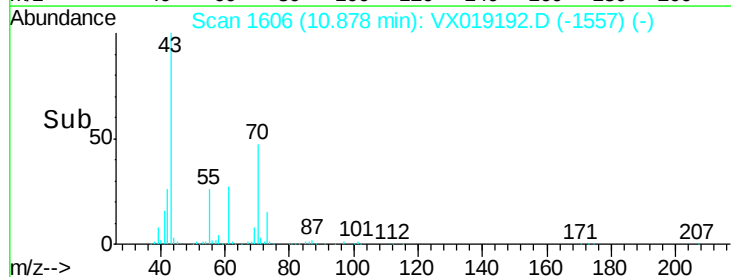
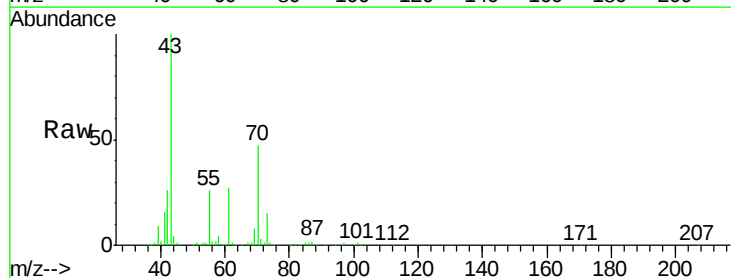
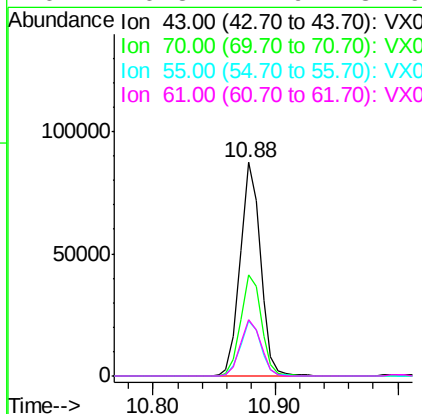
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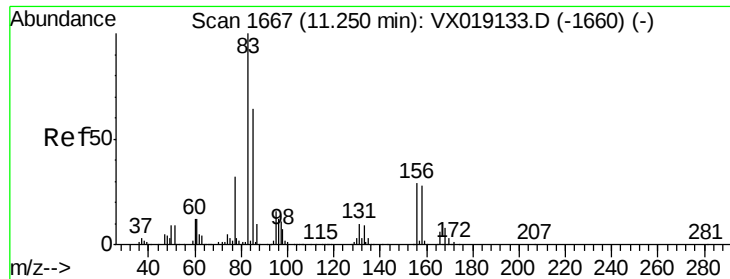
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10/30/2020 12:00:46 PM



#74
N-ethyl acetate
Concen: 20.884 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.4	39.6	59.4
55	26.2	20.7	31.1
61	26.8	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.212 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

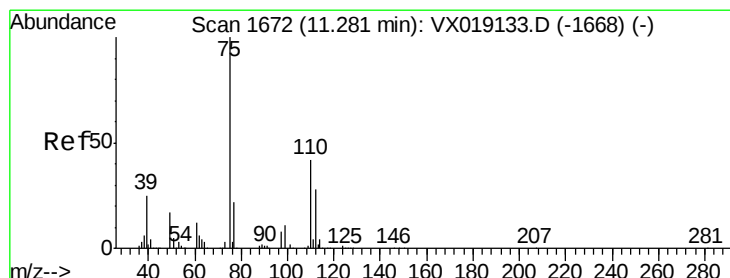
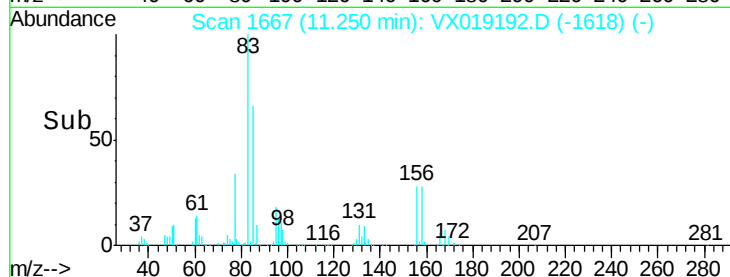
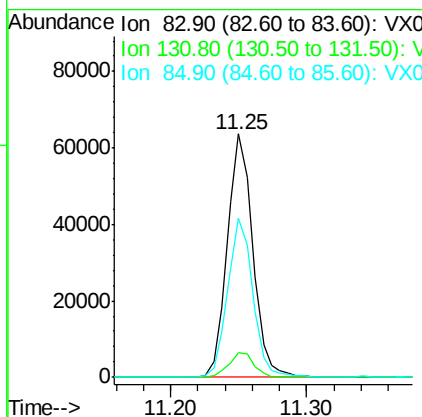
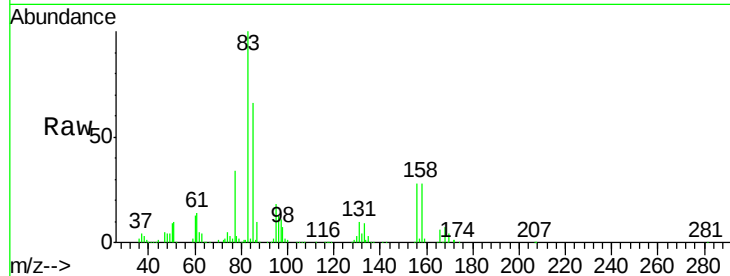
ClientSampleId :

VX1031WBSD01

Tot Ion:	83	Resp:	82799
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	65.0	32.1	96.3

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10/30/2020 12:00:46 PM



#76

1,2,3-Trichloropropane

Concen: 21.065 ug/l m

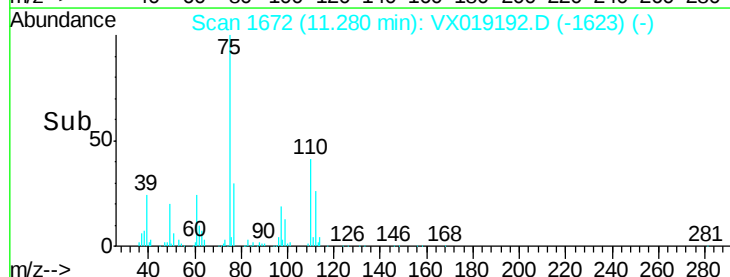
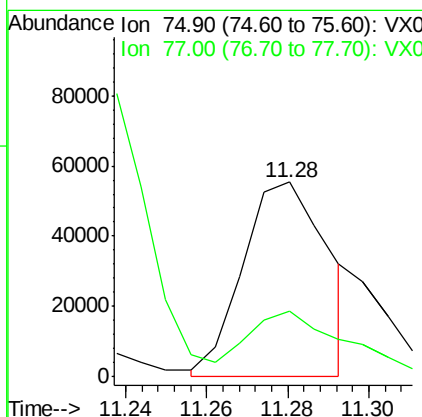
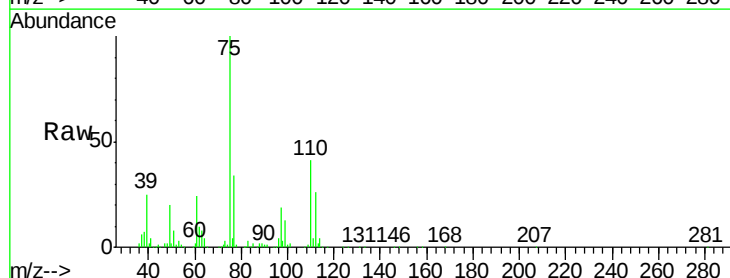
RT: 11.28 min Scan# 1672

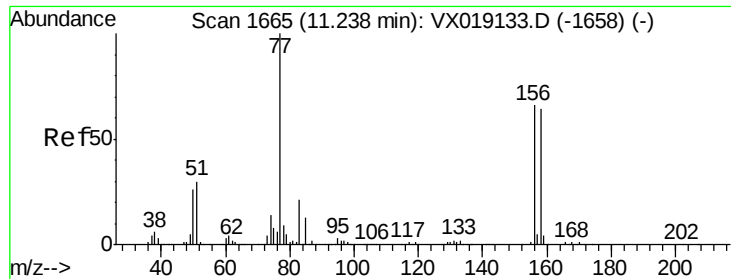
Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Tgt Ion:	75	Resp:	80543
Ion Ratio	Lower	Upper	
75	100		
77	38.9	20.3	60.9





#77

Bromobenzene

Concen: 18.908 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

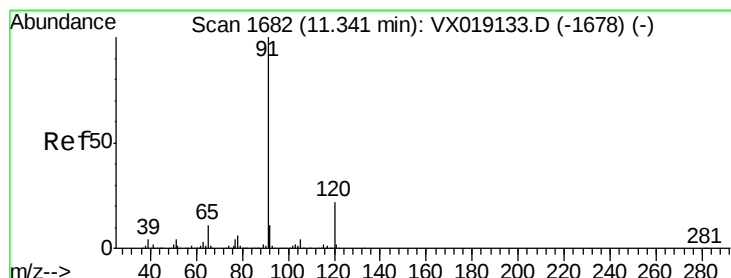
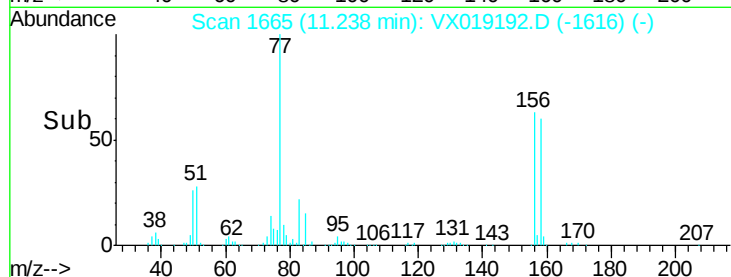
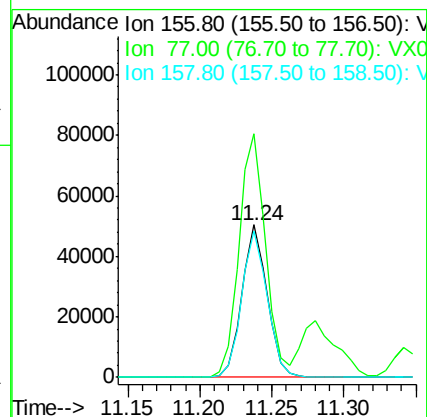
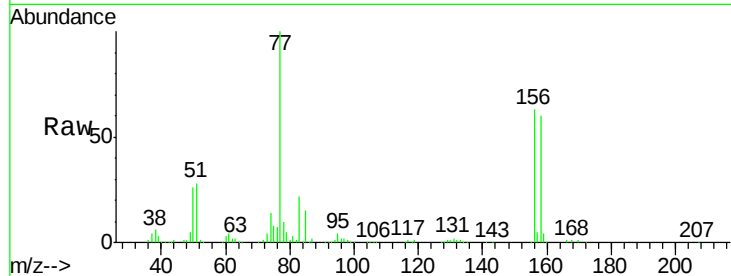
ClientSampleId :

VX1031WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	168.2	77.7	233.1	
158	97.6	48.3	144.8	

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#78

n-propylbenzene

Concen: 19.632 ug/l

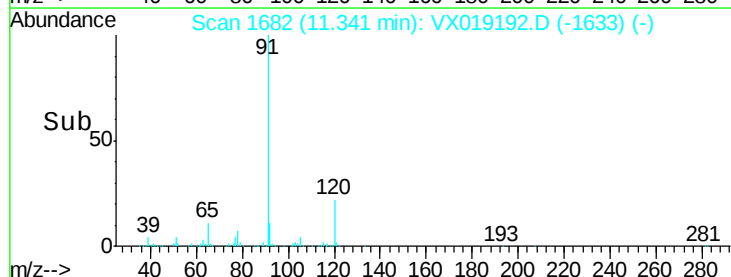
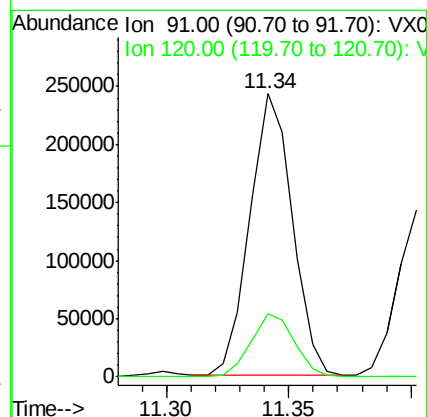
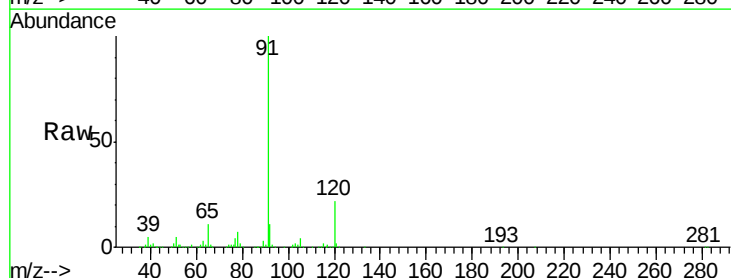
RT: 11.34 min Scan# 1682

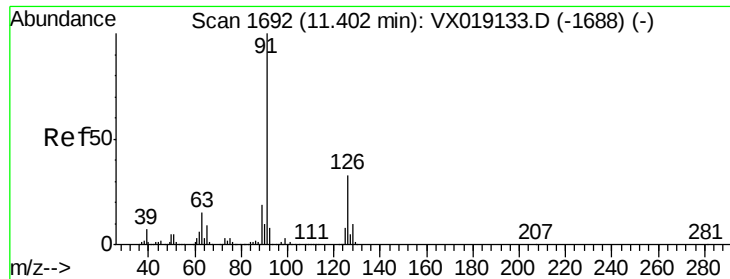
Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.0	11.7	35.0	





#79

2-Chlorotoluene

Concen: 19.974 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBSD01

Tot Ion: 91 Resp: 175958

Ion Ratio Lower Upper

91 100

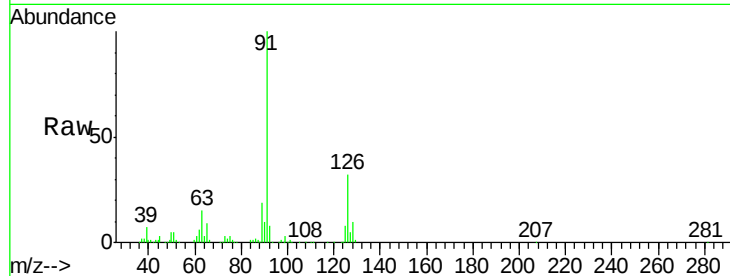
126 33.5 16.9 50.7

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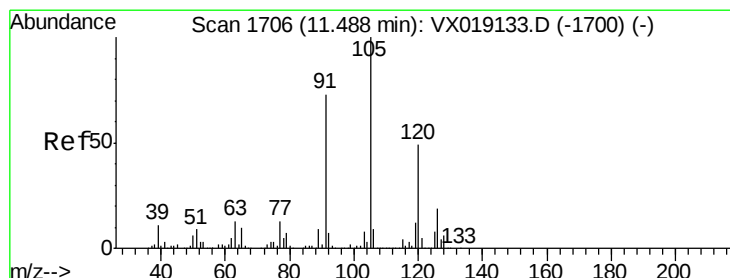
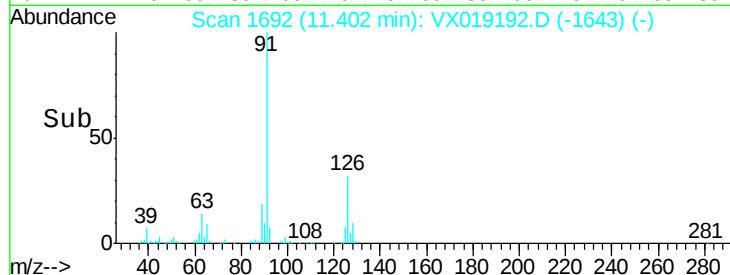
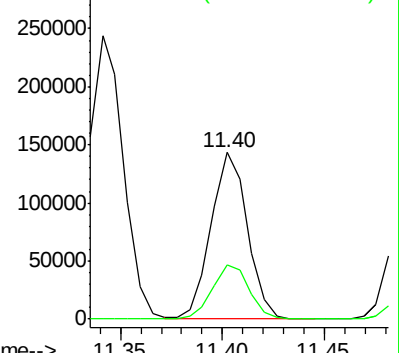
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Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019133.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.690 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019192.D

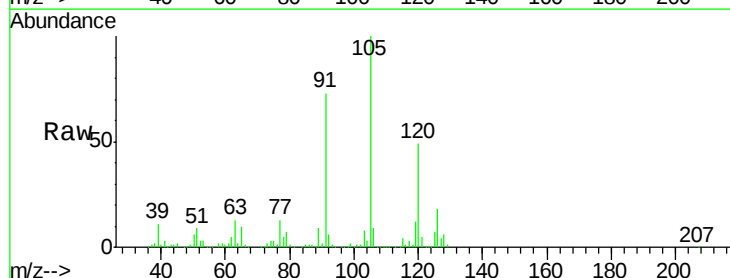
Acq: 29 Oct 2020 16:56

Tgt Ion: 105 Resp: 218042

Ion Ratio Lower Upper

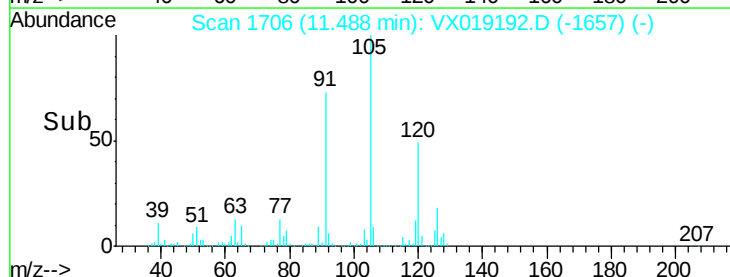
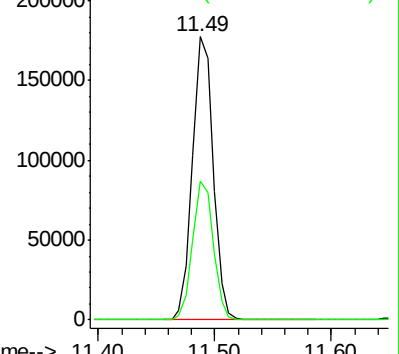
105 100

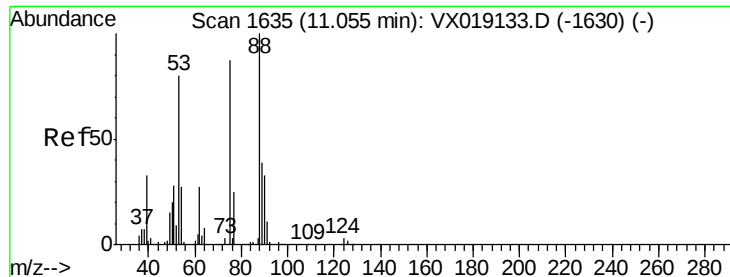
120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019133.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.792 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBSD01

Tot Ion: 75 Resp: 27289

Ion Ratio Lower Upper

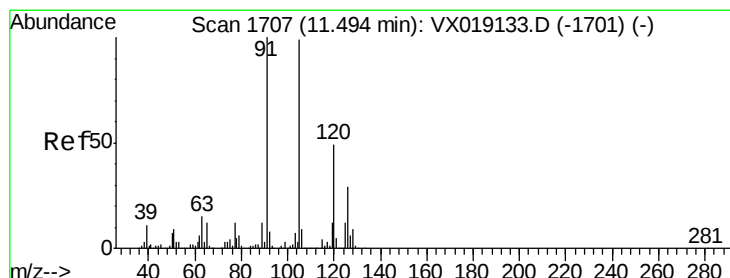
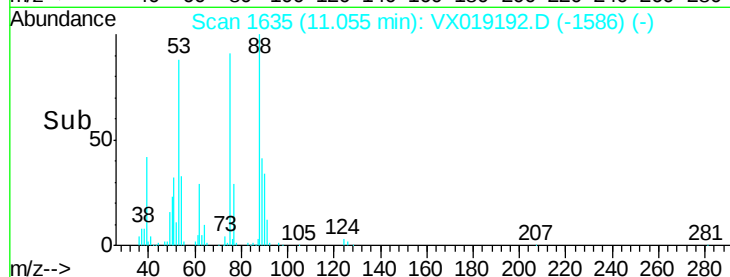
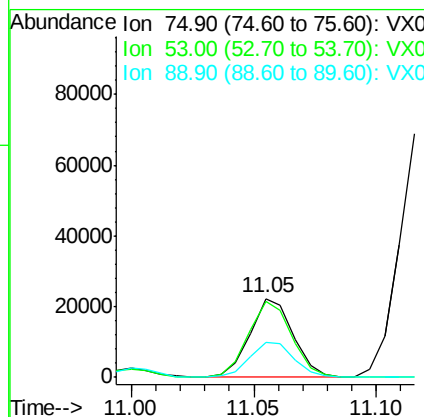
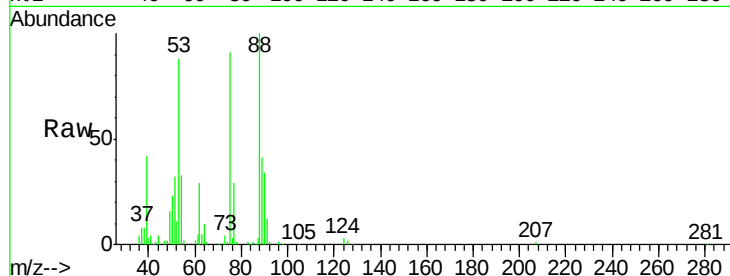
75 100

53 96.2 73.3 109.9

89 46.1 38.2 57.2

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#82

4-Chlorotoluene

Concen: 19.384 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019192.D

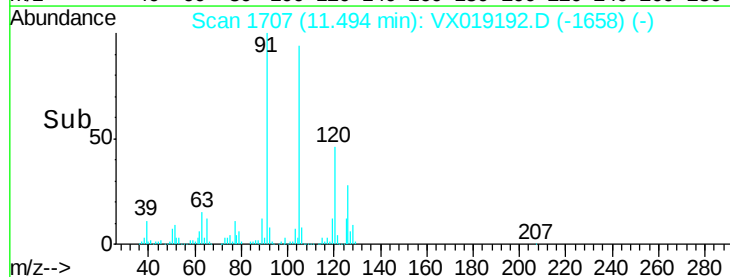
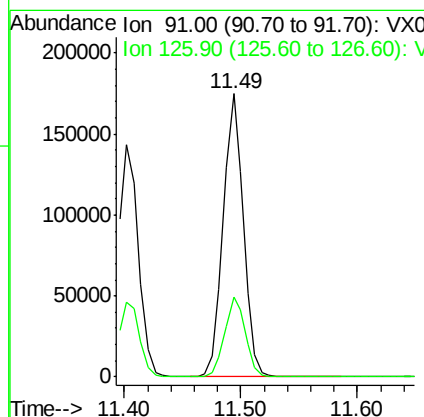
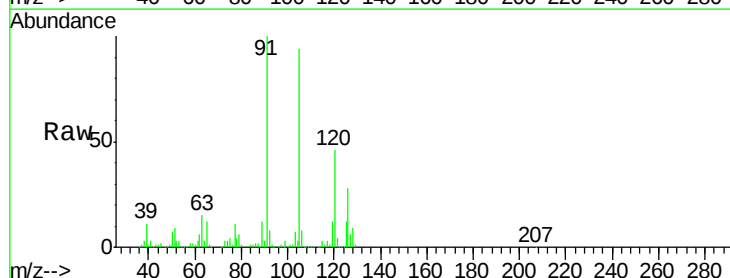
Acq: 29 Oct 2020 16:56

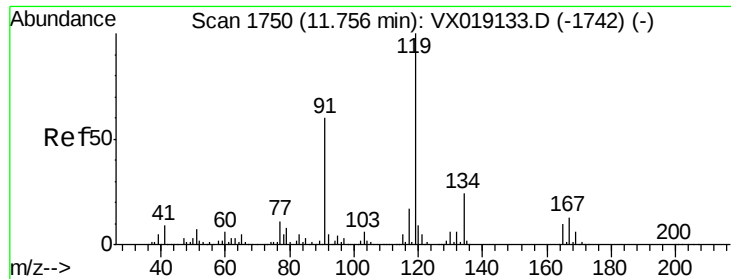
Tgt Ion: 91 Resp: 208522

Ion Ratio Lower Upper

91 100

126 28.9 14.8 44.4





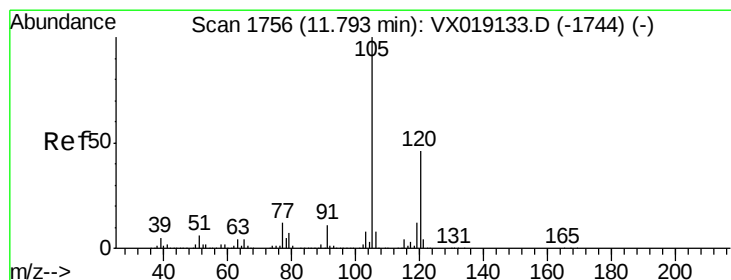
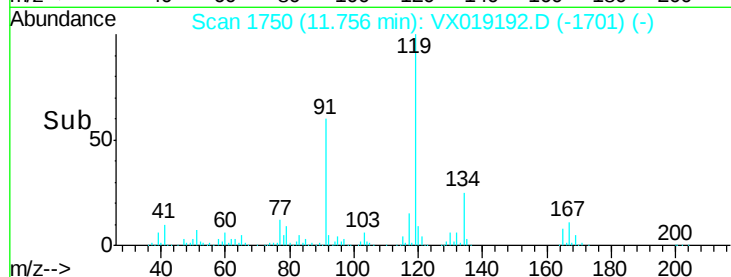
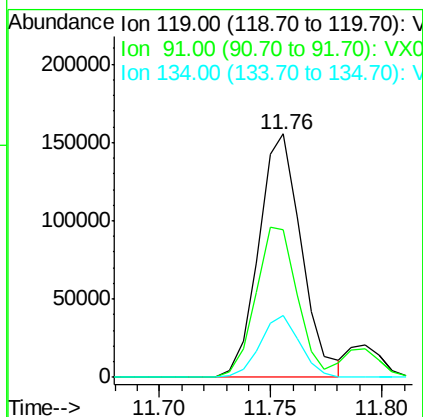
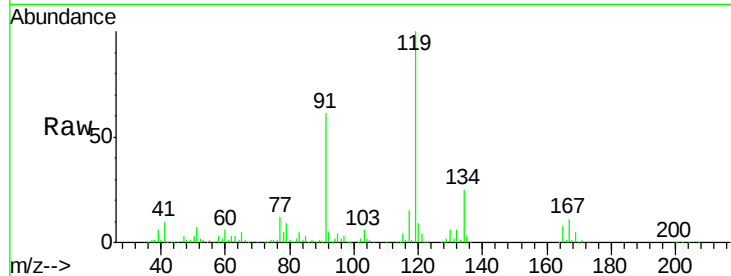
#83
 tert-Butylbenzene
 Concen: 19.571 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	207507		
91	60.1		29.0	87.1
134	23.8		11.7	35.0

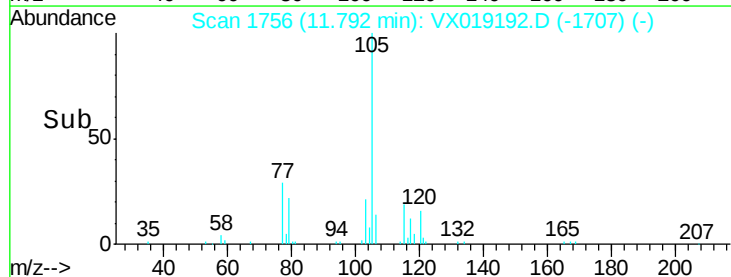
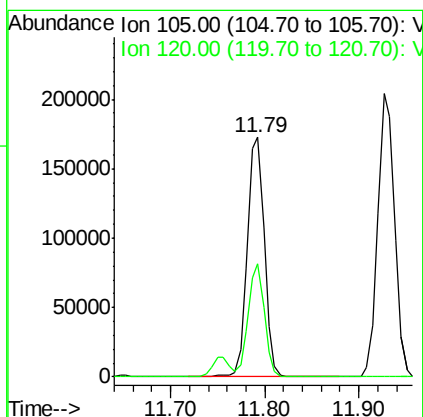
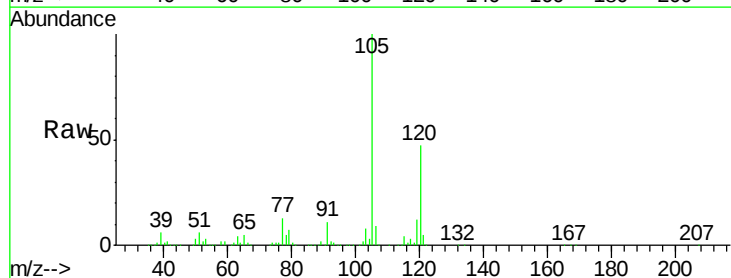
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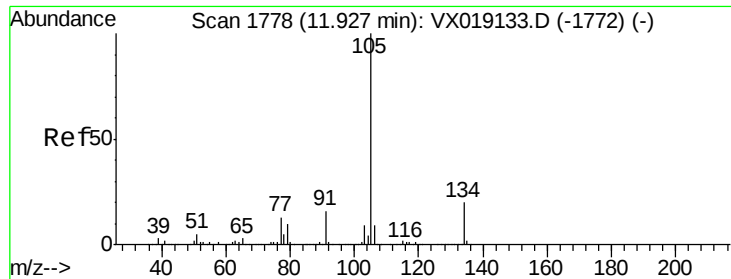
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.541 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	218461		
120	44.7		22.4	67.3





#85

sec-Butylbenzene

Concen: 19.778 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBSD01

Tot Ion:105 Resp: 251517

Ion Ratio Lower Upper

105 100

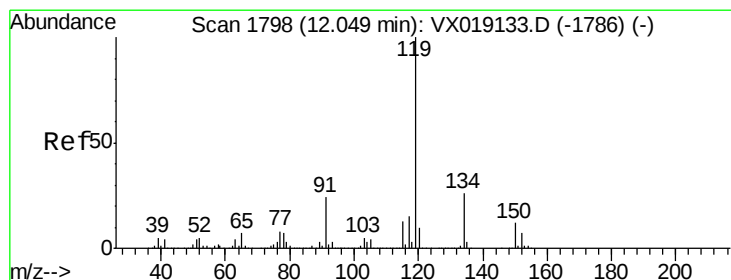
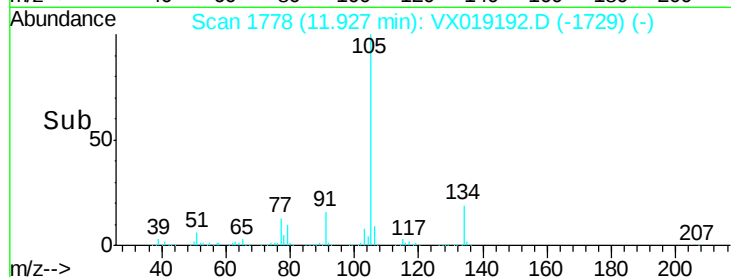
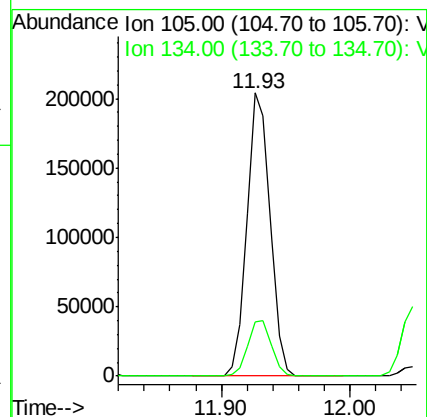
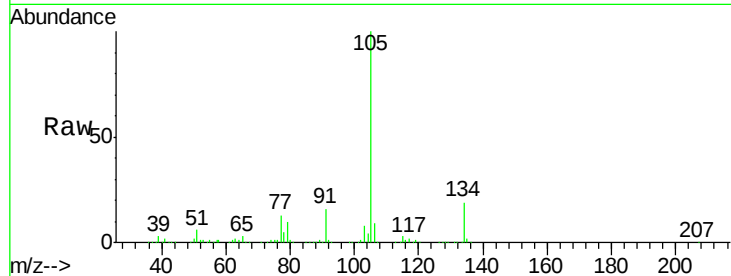
134 20.0 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 19.847 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019192.D

Acq: 29 Oct 2020 16:56

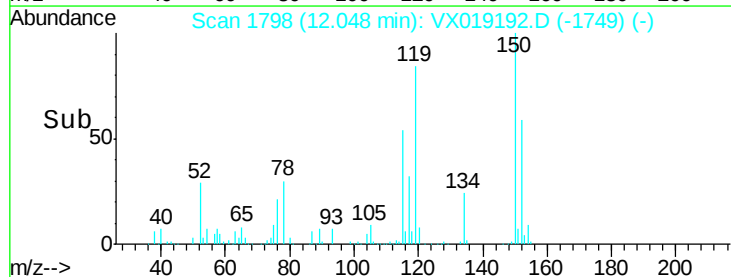
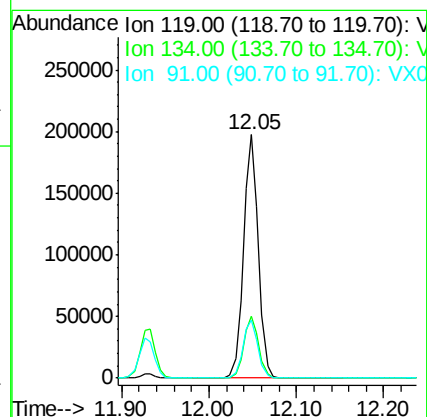
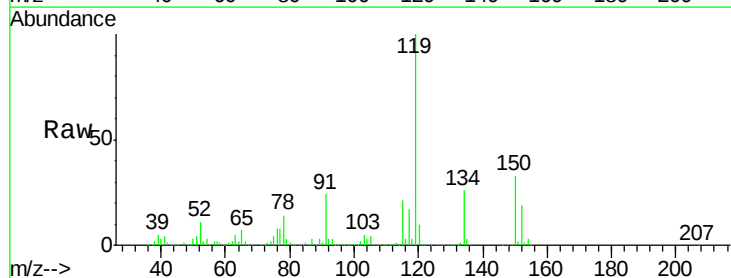
Tgt Ion:119 Resp: 232956

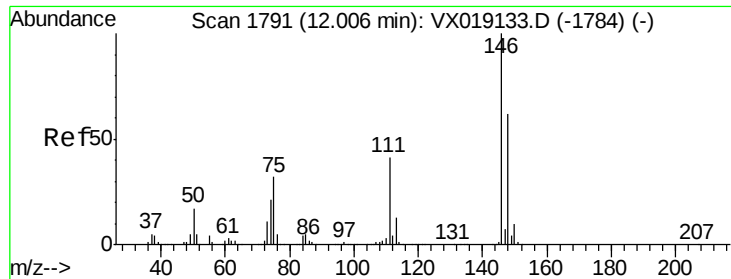
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.3 12.0 36.0





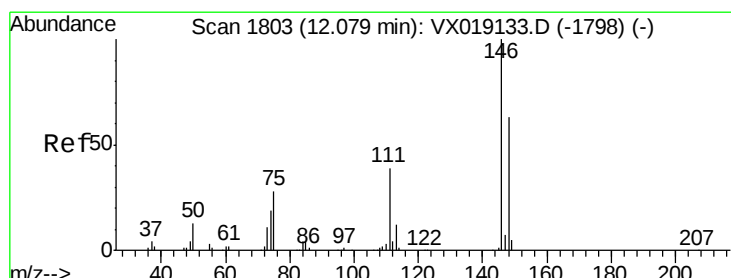
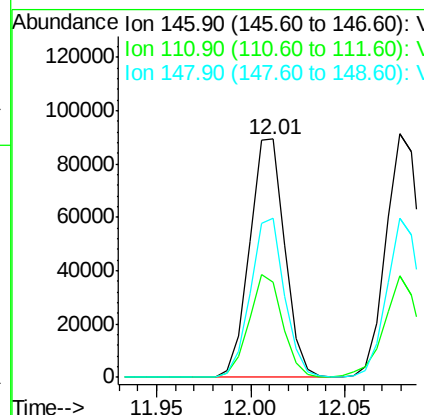
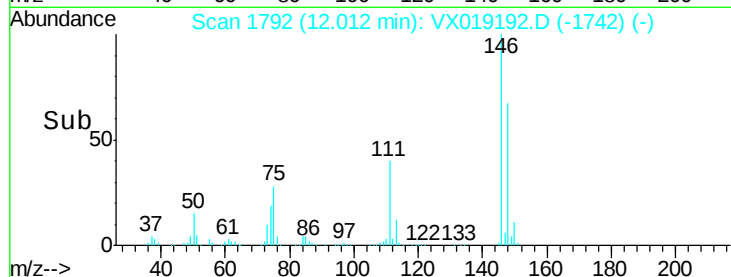
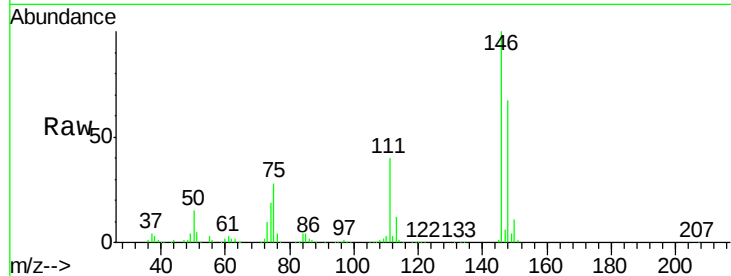
#87
 1,3-Dichlorobenzene
 Concen: 19.125 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.2
148	64.6	31.6	94.8

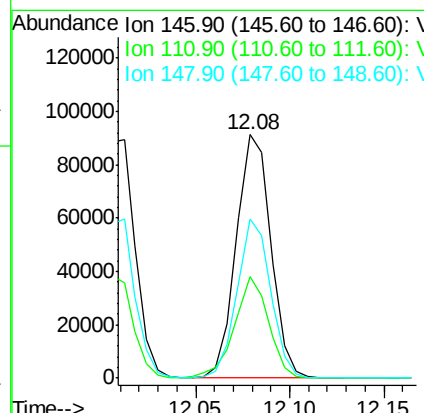
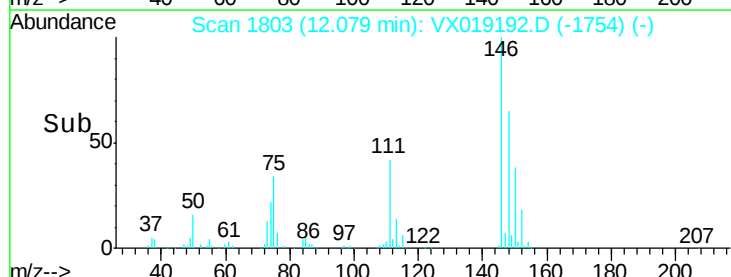
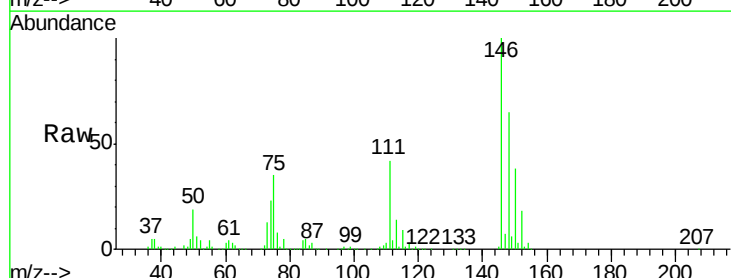
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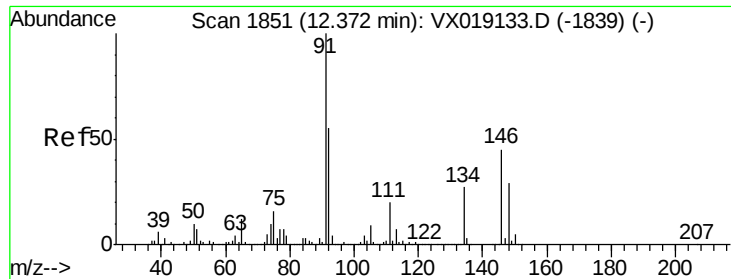
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#88
 1,4-Dichlorobenzene
 Concen: 18.431 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.2	60.5
148	64.2	31.3	93.8





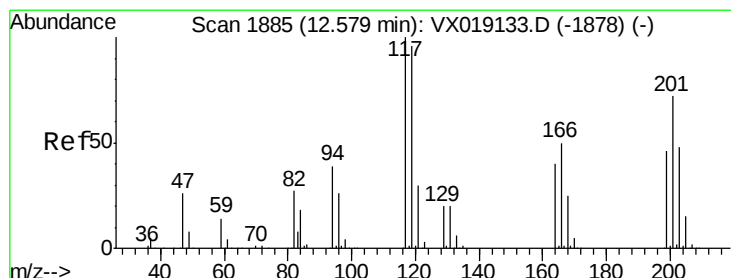
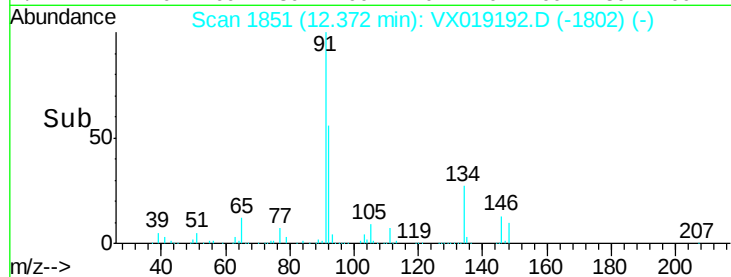
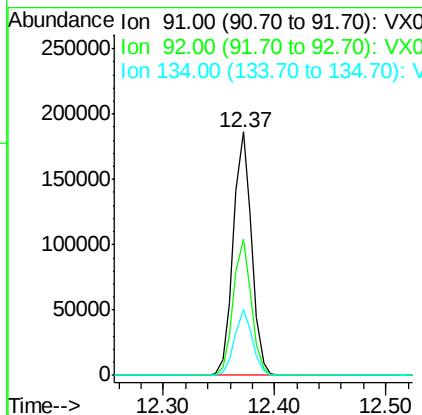
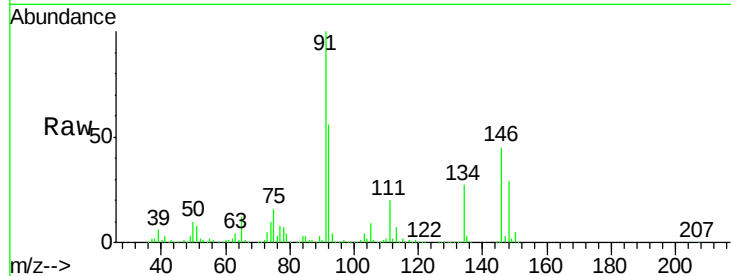
#89
n-Butylbenzene
Concen: 19.193 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.5	82.4
134	26.2	13.2	39.6

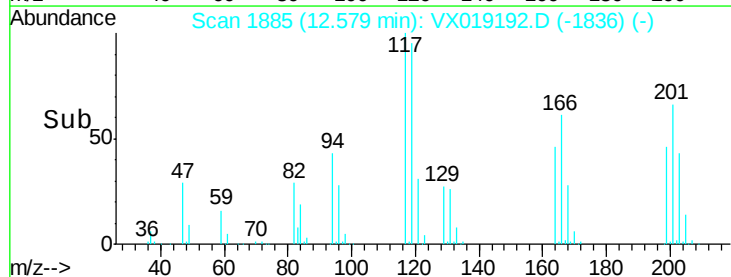
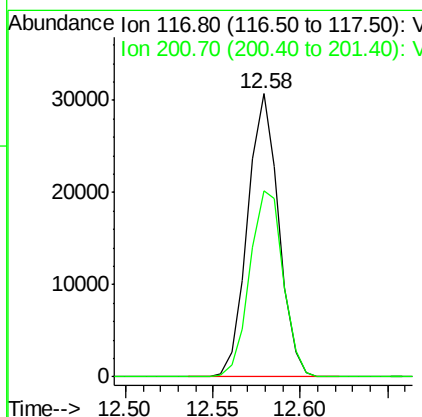
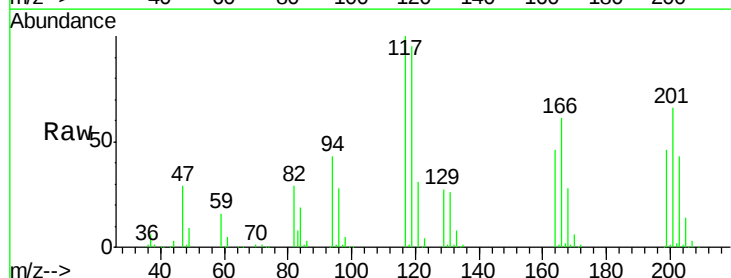
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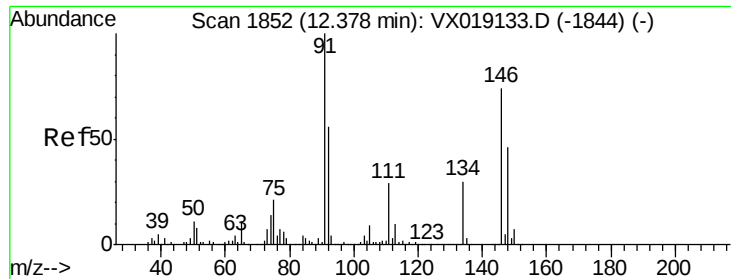
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#90
Hexachloroethane
Concen: 19.011 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.7	38.5	115.3





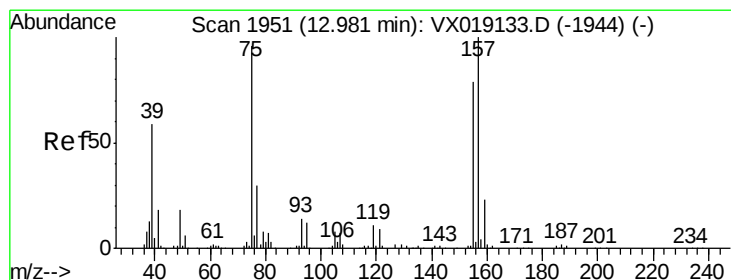
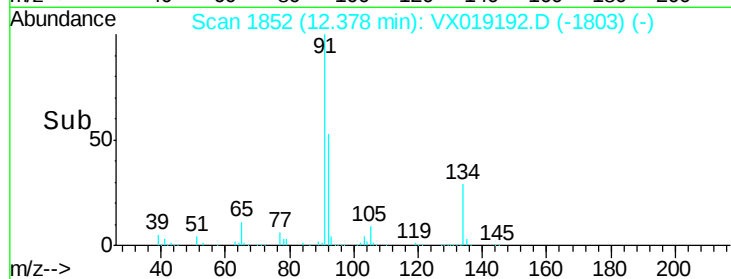
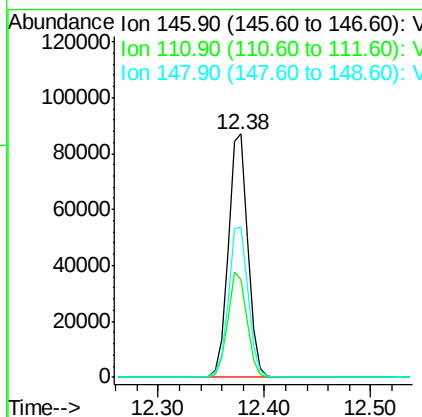
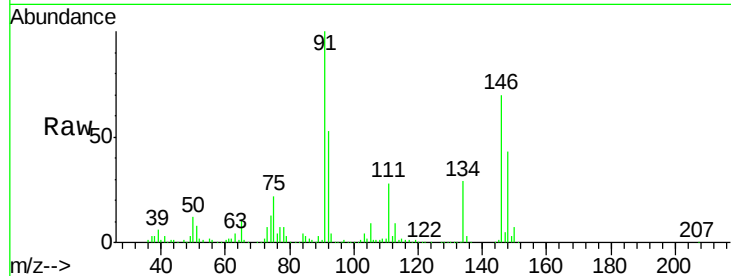
#91
 1,2-Dichlorobenzene
 Concen: 19.242 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.2	63.6
148	62.6	31.6	94.7

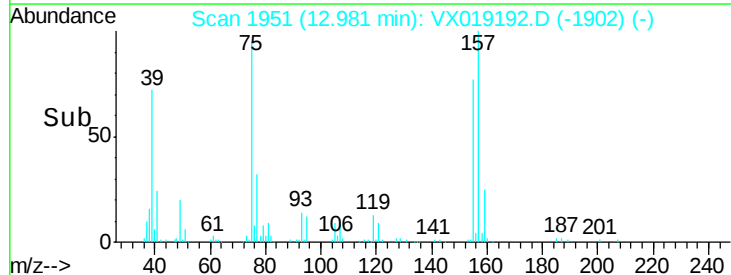
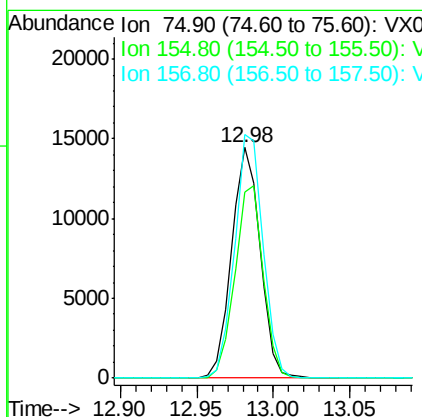
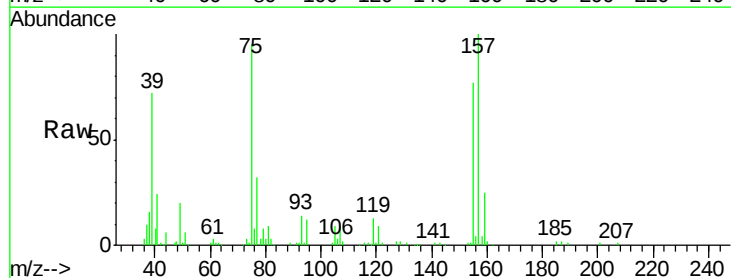
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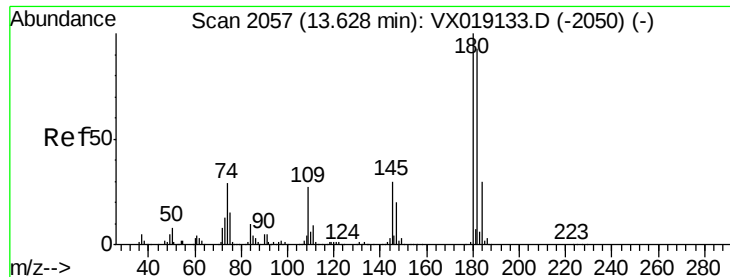
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.643 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019192.D
 Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	42.8	128.4
157	105.3	54.8	164.4





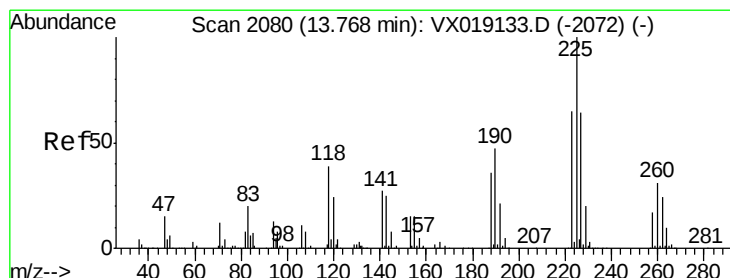
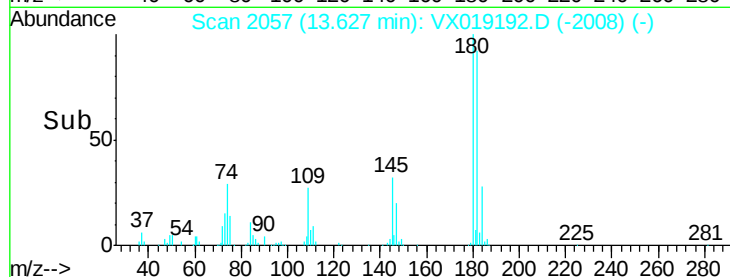
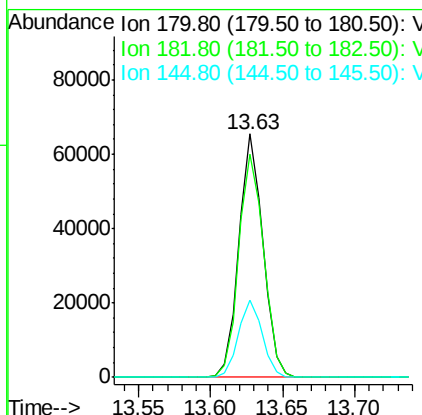
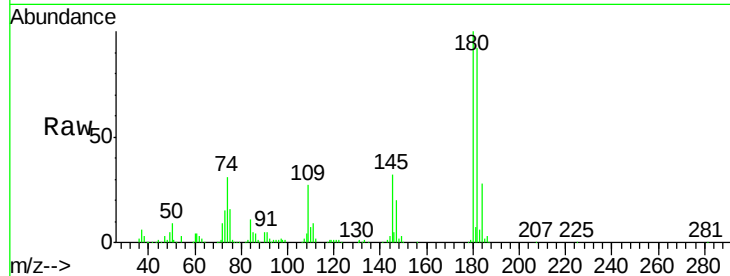
#93
1,2,4-Trichlorobenzene
Concen: 17.413 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	76089		
182	95.4	46.8	140.3	
145	31.7	15.5	46.5	

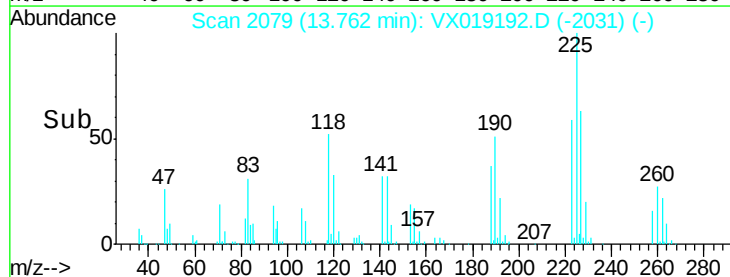
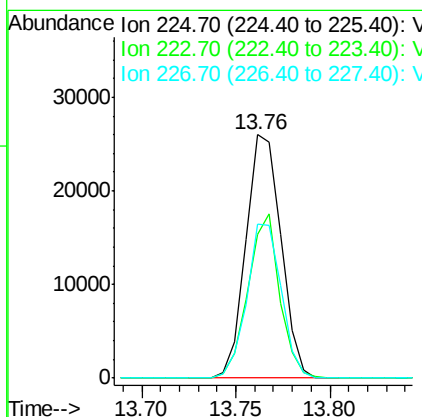
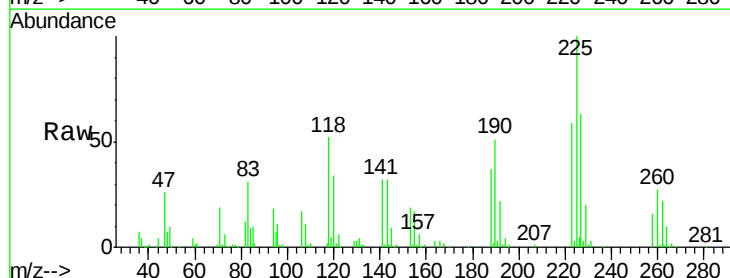
Manual Integrations
APPROVED

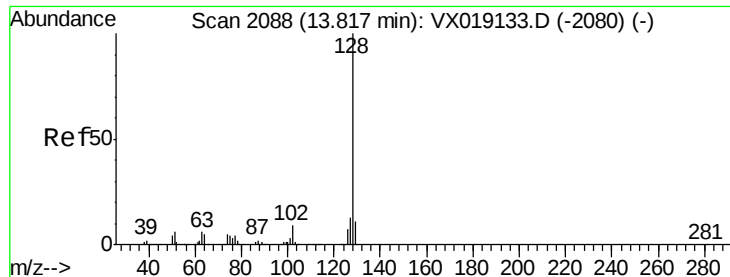
MMDadoda
10/30/2020 12:00:46 PM



#94
Hexachlorobutadiene
Concen: 17.468 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33601		
223	60.8	32.4	97.2	
227	62.0	31.6	94.7	





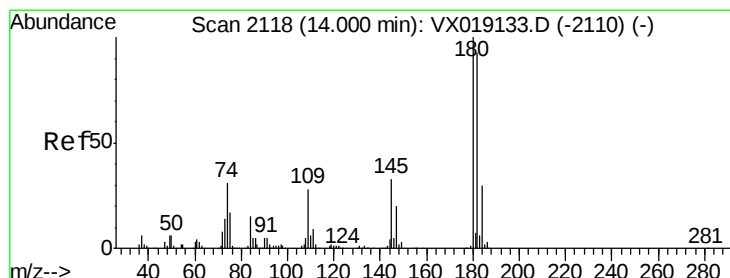
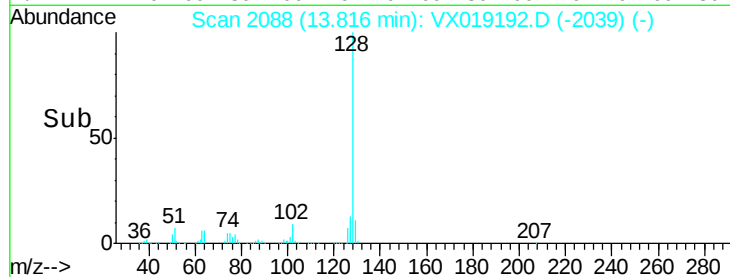
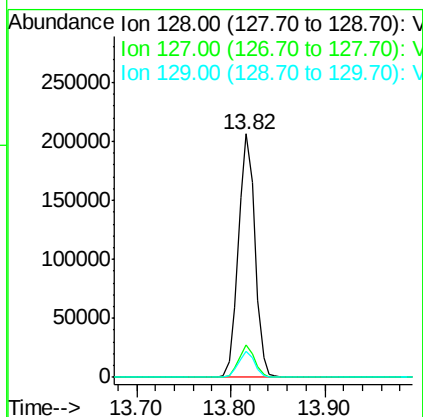
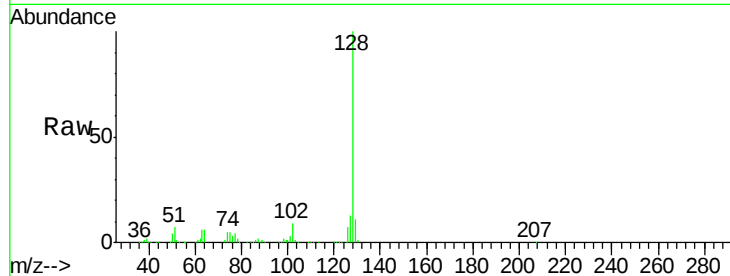
#95
Naphthalene
Concen: 18.240 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.638 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019192.D
Acq: 29 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	33.8	16.5	49.5

