

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019712.D
 Acq On : 04 Dec 2020 11:36
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:56:17 AM

Quant Time: Dec 04 13:21:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	346310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	564503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	519930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	253883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	88750	19.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	38.68%#
35) Dibromofluoromethane	5.46	113	71699	19.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	38.78%#
50) Toluene-d8	8.70	98	277692	19.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	39.20%#
62) 4-Bromofluorobenzene	11.12	95	102209	19.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	38.12%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	67923	20.063	ug/l	100
3) Chloromethane	1.31	50	75437	16.222	ug/l	100
4) Vinyl Chloride	1.39	62	82580	19.735	ug/l	98
5) Bromomethane	1.62	94	46257	30.951	ug/l	99
6) Chloroethane	1.71	64	51763	9.725	ug/l	97
7) Trichlorofluoromethane	1.92	101	113461	19.624	ug/l	97
8) Diethyl Ether	2.17	74	46824	19.267	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67275	19.607	ug/l	100
10) Methyl Iodide	2.49	142	94416	20.080	ug/l	100
11) Tert butyl alcohol	3.01	59	99215	97.488	ug/l	99
12) 1,1-Dichloroethene	2.35	96	67193	19.539	ug/l	100
13) Acrolein	2.27	56	47096	80.494	ug/l	99
14) Allyl chloride	2.71	41	109503	19.804	ug/l	99
15) Acrylonitrile	3.11	53	216860	101.952	ug/l	100
16) Acetone	2.42	43	180684	97.735	ug/l	99
17) Carbon Disulfide	2.55	76	179068	19.196	ug/l	100
18) Methyl Acetate	2.75	43	88401	19.035	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	242502	20.001	ug/l	100
20) Methylene Chloride	2.84	84	85643	18.133	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	77538	19.954	ug/l	98
22) Diisopropyl ether	3.82	45	228639	19.971	ug/l	98
23) Vinyl Acetate	3.78	43	982835	101.950	ug/l	99
24) 1,1-Dichloroethane	3.67	63	136947	19.745	ug/l	99
25) 2-Butanone	4.63	43	277858	101.693	ug/l	100
26) 2,2-Dichloropropane	4.55	77	116121	20.057	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	89135	19.690	ug/l	99
28) Bromochloromethane	4.98	49	65833	20.824	ug/l	100
29) Tetrahydrofuran	5.09	42	176996	101.291	ug/l	99
30) Chloroform	5.17	83	139870	19.632	ug/l	99
31) Cyclohexane	5.55	56	118181	19.490	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	120375	19.789	ug/l	99
36) 1,1-Dichloropropene	5.76	75	105148	20.146	ug/l	98
37) Ethyl Acetate	4.79	43	107678	20.601	ug/l	100
38) Carbon Tetrachloride	5.75	117	102926	19.860	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	121146	19.749	ug/l	99
40) Benzene	6.11	78	322411	19.809	ug/l	100
41) Methacrylonitrile	5.00	41	58581	20.251	ug/l	100
42) 1,2-Dichloroethane	6.16	62	110931	19.840	ug/l	99
43) Isopropyl Acetate	6.41	43	170540	19.708	ug/l	100
44) Trichloroethene	7.18	130	82046	19.301	ug/l	97
45) 1,2-Dichloropropane	7.49	63	80979	19.782	ug/l	98
46) Dibromomethane	7.63	93	54595	19.884	ug/l	99
47) Bromodichloromethane	7.87	83	106525	19.573	ug/l	99
48) Methyl methacrylate	7.74	41	85103	19.897	ug/l	99
49) 1,4-Dioxane	7.71	88	41590	423.026	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	539746	102.106	ug/l	100
52) Toluene	8.76	92	202172	19.951	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	117958	19.765	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	130047	19.935	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	81598	19.911	ug/l	99
56) Ethyl methacrylate	9.16	69	122190	19.850	ug/l	99
57) 1,3-Dichloropropane	9.35	76	139233	20.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	321033	99.544	ug/l	100
59) 2-Hexanone	9.47	43	414991	103.780	ug/l	99
60) Dibromochloromethane	9.56	129	83252	19.778	ug/l	99
61) 1,2-Dibromoethane	9.65	107	87684	20.369	ug/l	98
64) Tetrachloroethene	9.32	164	70867	19.738	ug/l	98
65) Chlorobenzene	10.12	112	212024	19.670	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	76493	19.528	ug/l	98
67) Ethyl Benzene	10.23	91	382818	20.137	ug/l	99
68) m/p-Xylenes	10.34	106	288762	40.616	ug/l	99
69) o-Xylene	10.68	106	138648	20.089	ug/l	97
70) Styrene	10.69	104	234088	20.222	ug/l	100
71) Bromoform	10.84	173	59214	19.535	ug/l #	99
73) Isopropylbenzene	11.00	105	367181	20.767	ug/l	99
74) N-amyl acetate	10.88	43	145629	20.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	130710	20.415	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	120554m	20.718	ug/l	
77) Bromobenzene	11.24	156	93527	20.412	ug/l	98
78) n-propylbenzene	11.34	91	422597	20.732	ug/l	100
79) 2-Chlorotoluene	11.40	91	255067	20.573	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	312386	20.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	40786	19.606	ug/l	97
82) 4-Chlorotoluene	11.49	91	297419	20.579	ug/l	100
83) tert-Butylbenzene	11.76	119	301577	20.370	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	319479	21.142	ug/l	99
85) sec-Butylbenzene	11.93	105	346774	20.623	ug/l	100
86) p-Isopropyltoluene	12.05	119	315265	20.319	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	166888	20.018	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	167516	19.670	ug/l	98
89) n-Butylbenzene	12.37	91	272170	20.018	ug/l	99
90) Hexachloroethane	12.58	117	53081	20.119	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	166756	20.432	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	28089	20.770	ug/l	96

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VSTDICC020

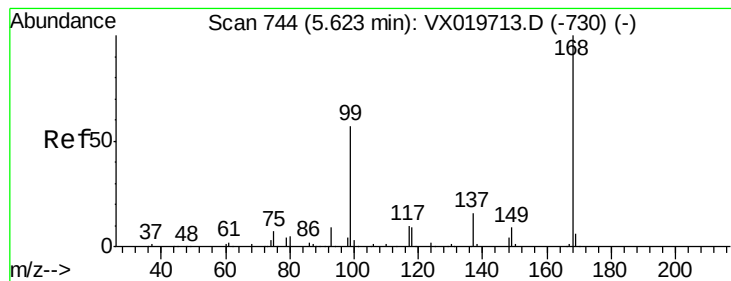
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	106843	20.199	ug/l	100
94) Hexachlorobutadiene	13.76	225	45024	20.061	ug/l	100
95) Naphthalene	13.82	128	355349	20.703	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	104547	19.925	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. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 346310

Ion Ratio Lower Upper

168 100

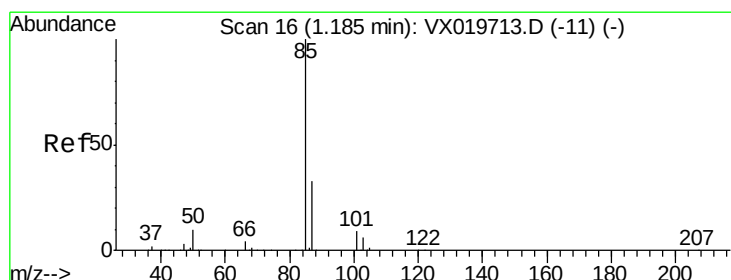
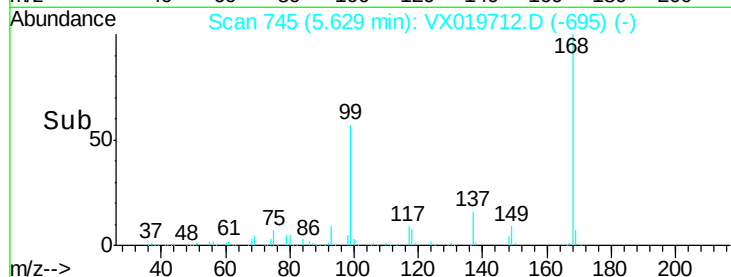
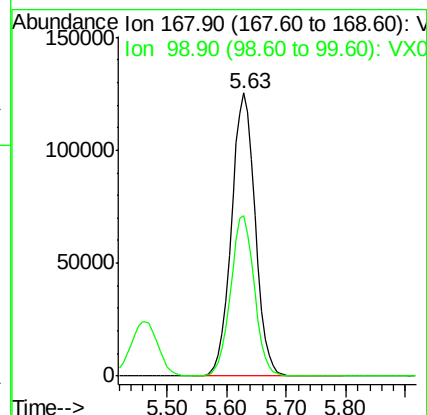
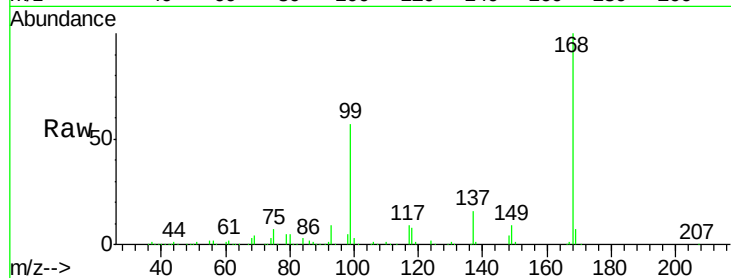
99 56.6 45.8 68.6

Manual Integrations

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12/7/2020 10:56:17 AM



#2

Dichlorodifluoromethane

Concen: 20.063 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019712.D

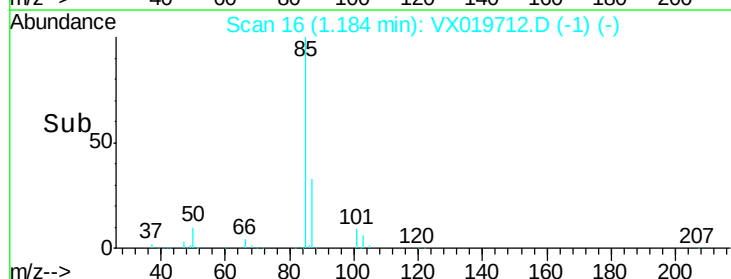
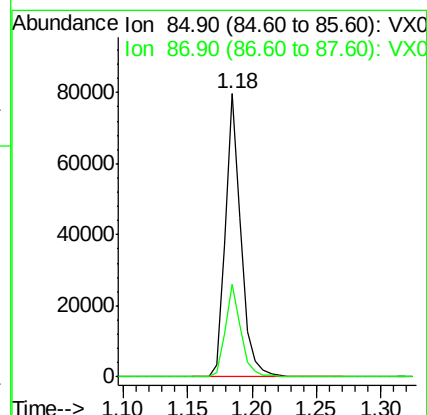
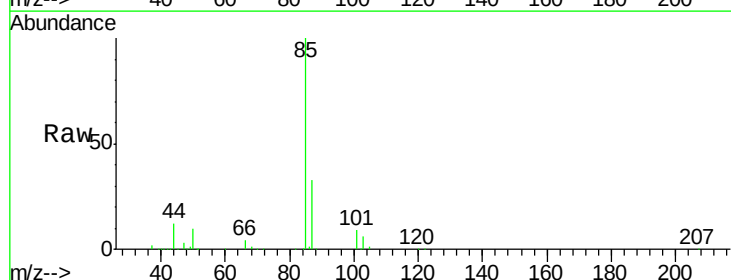
Acq: 04 Dec 2020 11:36

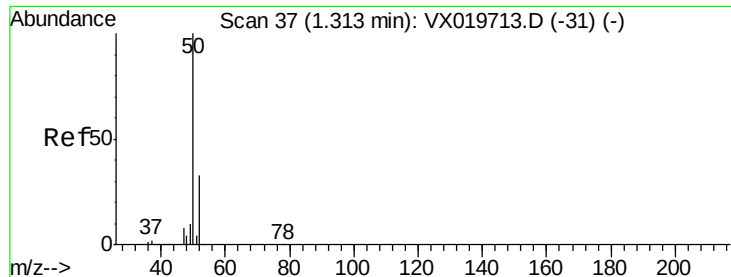
Tgt Ion: 85 Resp: 67923

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2





#3

Chloromethane

Concen: 16.222 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 75437

Ion Ratio Lower Upper

50 100

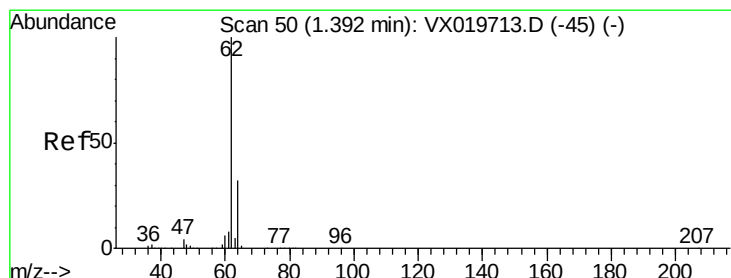
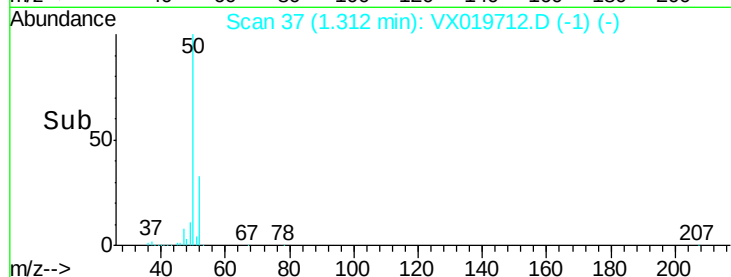
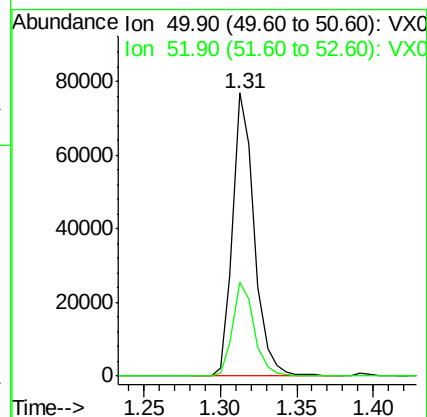
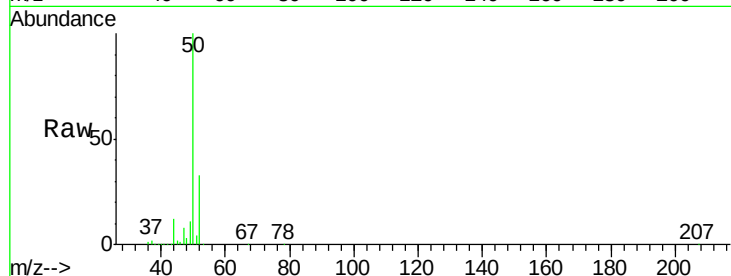
52 33.2 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.735 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019712.D

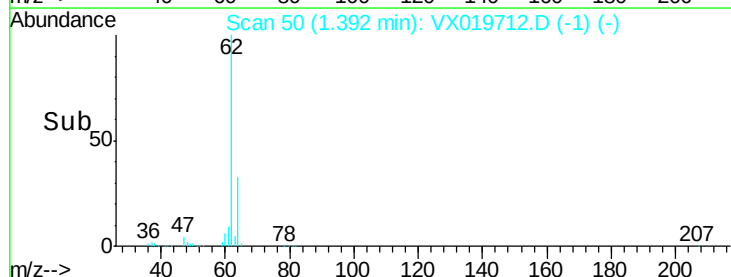
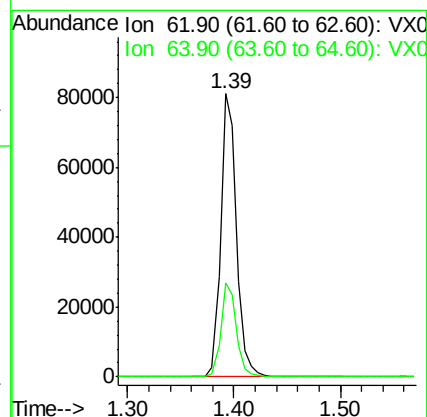
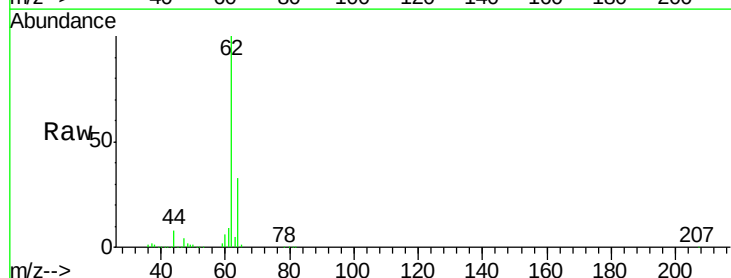
Acq: 04 Dec 2020 11:36

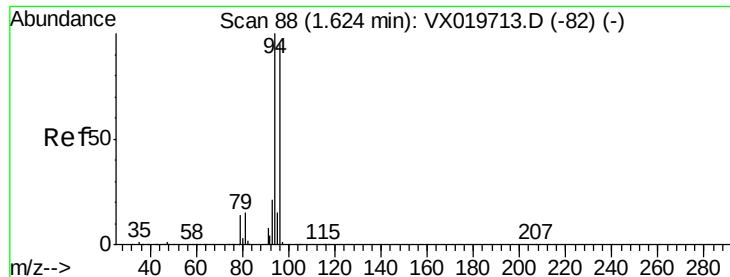
Tgt Ion: 62 Resp: 82580

Ion Ratio Lower Upper

62 100

64 33.0 25.7 38.5





#5

Bromomethane

Concen: 30.951 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 46257

Ion Ratio Lower Upper

94 100

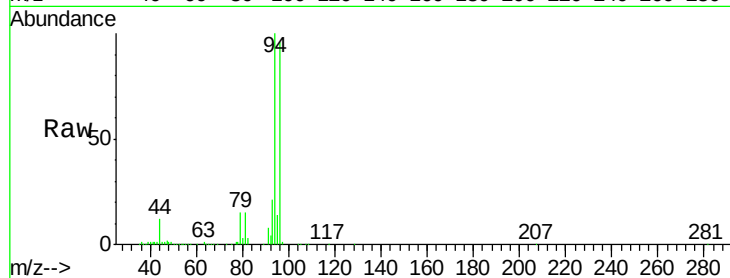
96 96.1 76.4 114.6

Manual Integrations

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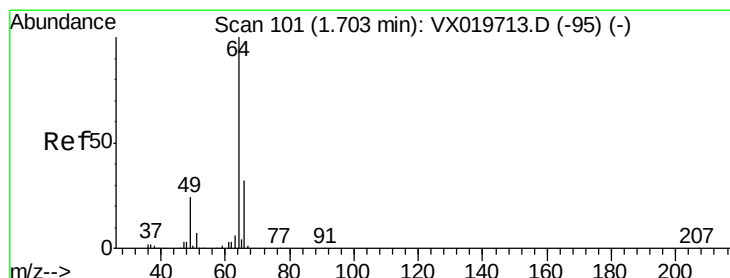
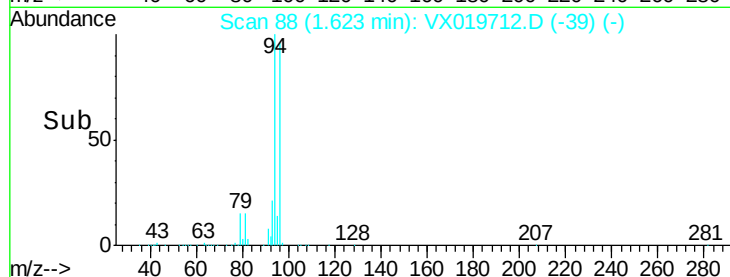
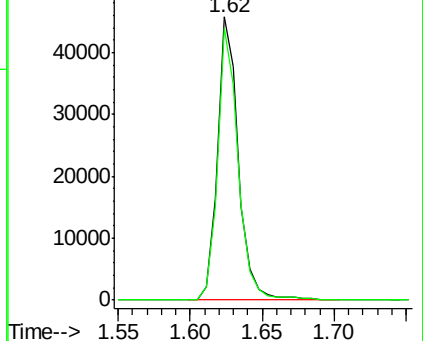
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12/7/2020 10:56:17 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 9.725 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019712.D

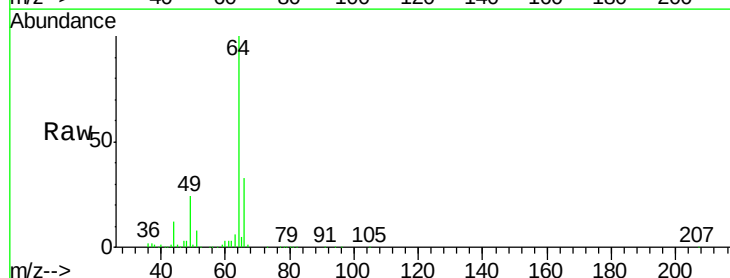
Acq: 04 Dec 2020 11:36

Tgt Ion: 64 Resp: 51763

Ion Ratio Lower Upper

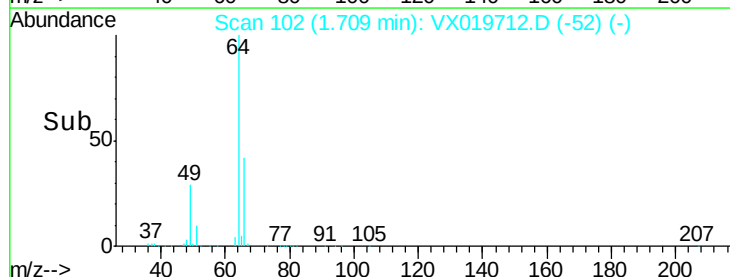
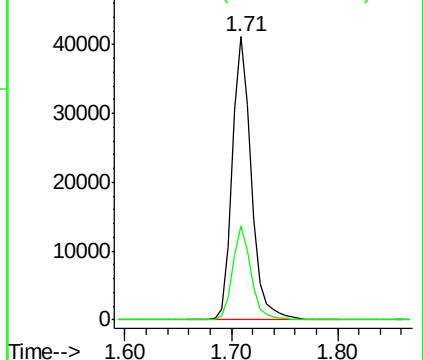
64 100

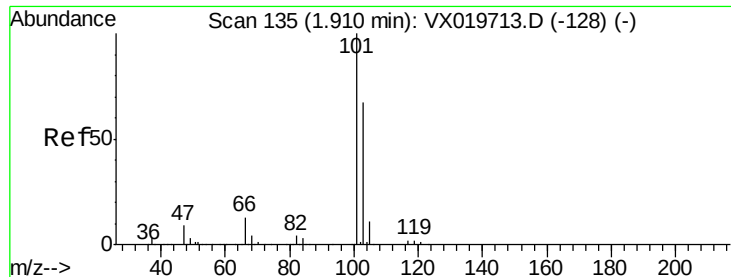
66 33.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

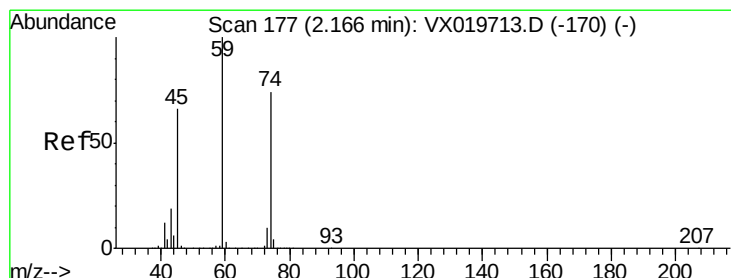
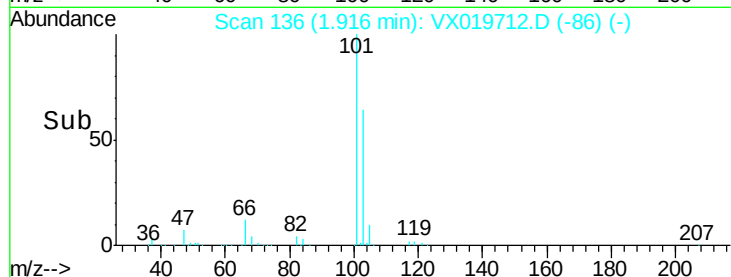
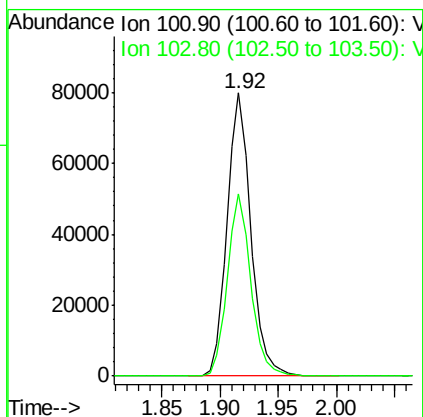
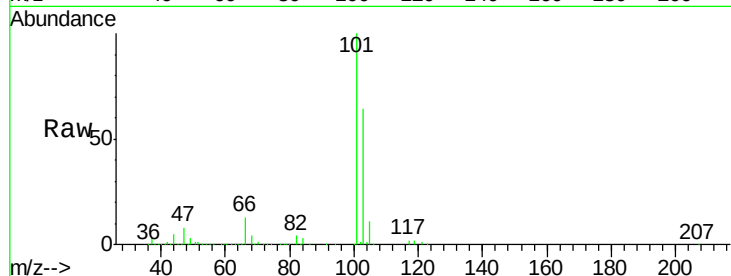
Trichlorofluoromethane
Concen: 19.624 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	53.2	79.8

Manual Integrations
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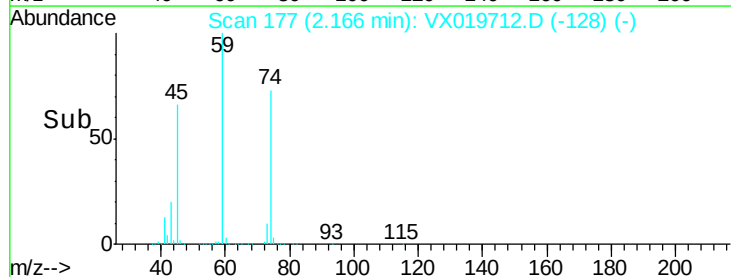
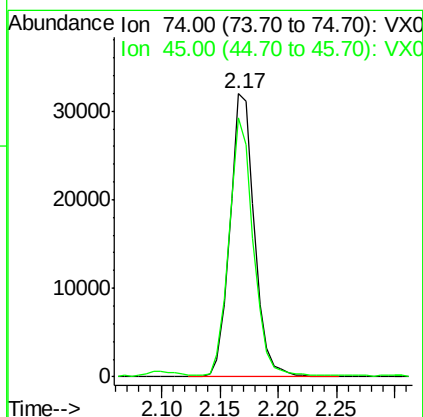
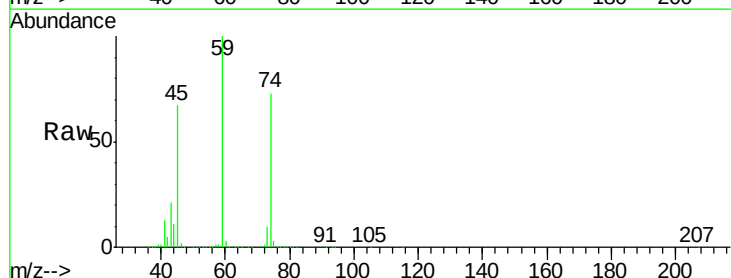
MMDadoda
12/7/2020 10:56:17 AM

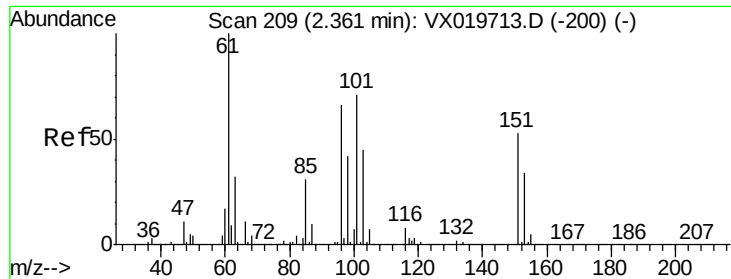


#8

Diethyl Ether
Concen: 19.267 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.5	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.607 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX019712.D

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Instrument :

MSVOA_X

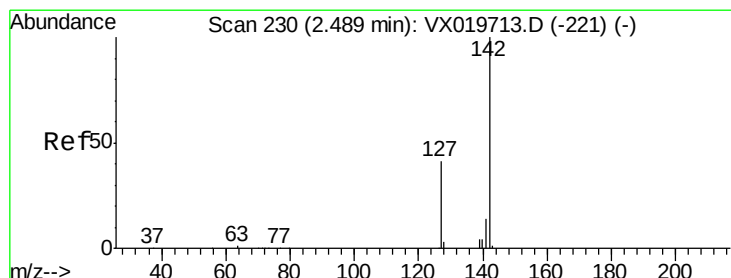
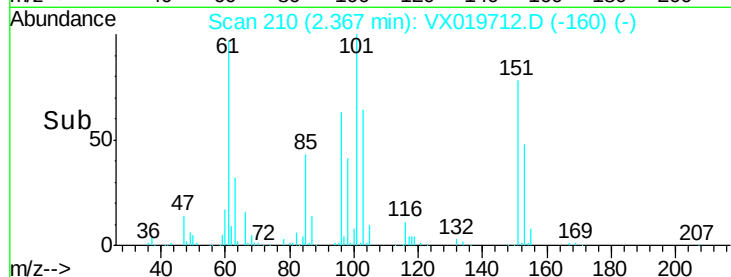
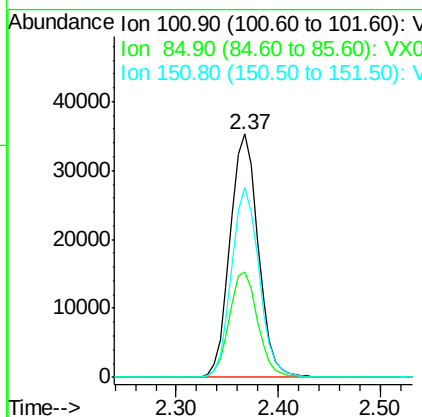
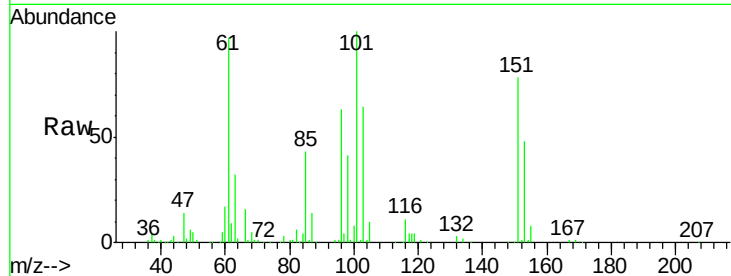
ClientSampled :

VSTDIC020

Tot Ion:	101	Resp:	67275
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	76.5	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 20.080 ug/l

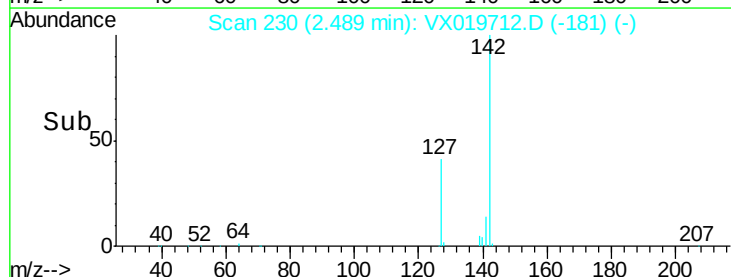
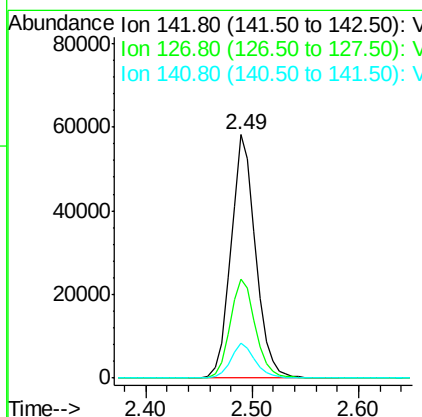
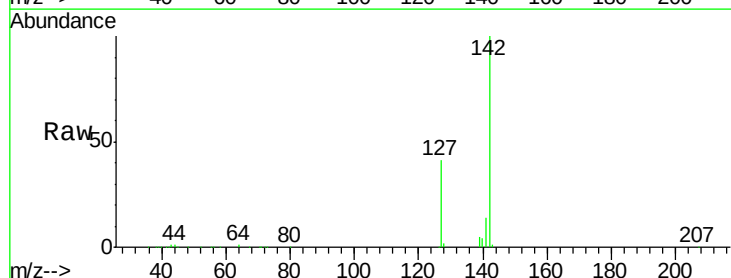
RT: 2.49 min Scan# 230

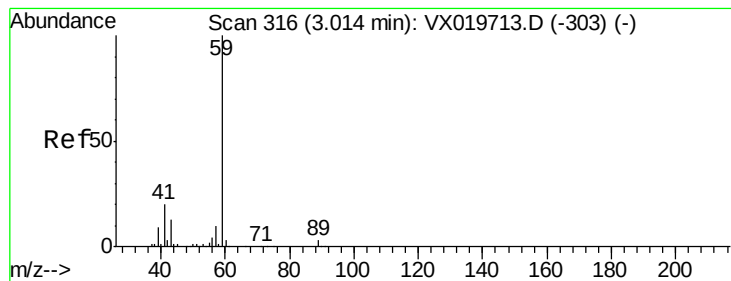
Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion:	142	Resp:	94416
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.3	49.9
141	14.1	11.4	17.0





#11

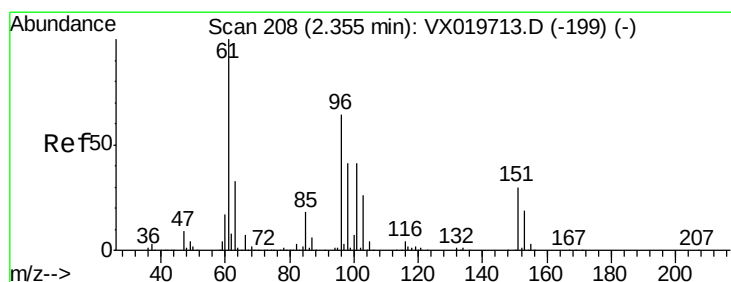
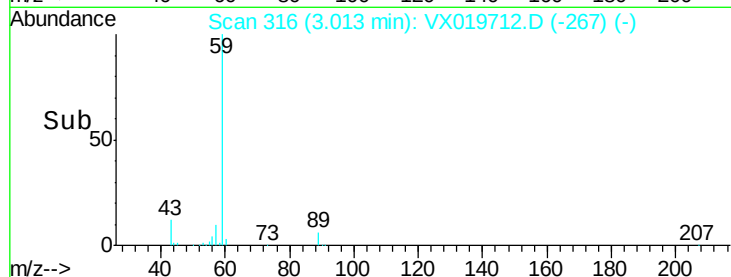
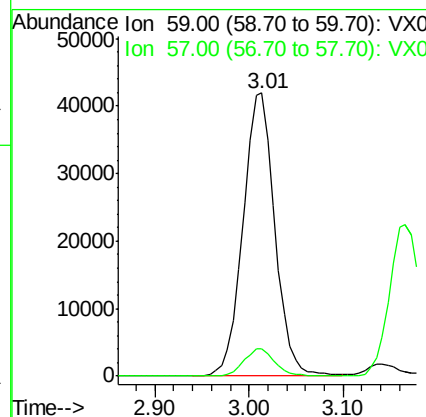
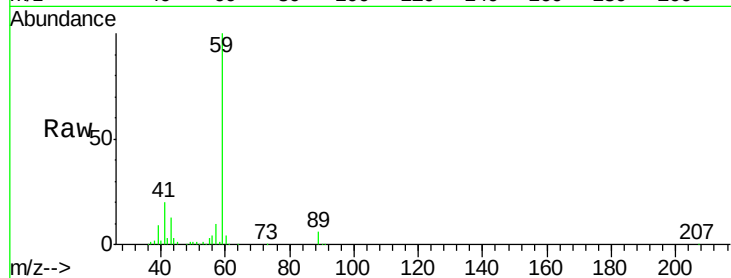
Tert butyl alcohol
Concen: 97.488 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
59	100	99215		
57	9.4		7.8	11.8

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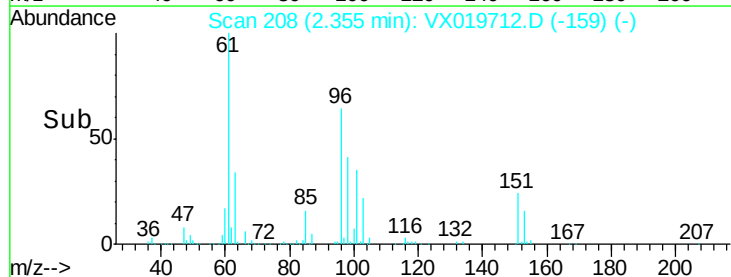
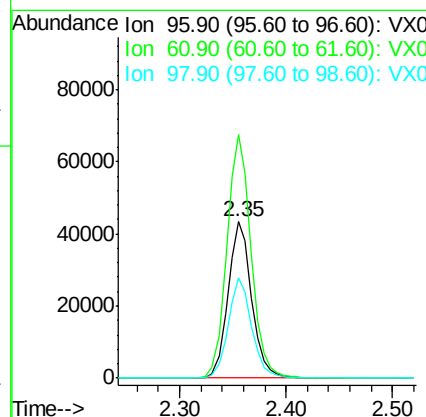
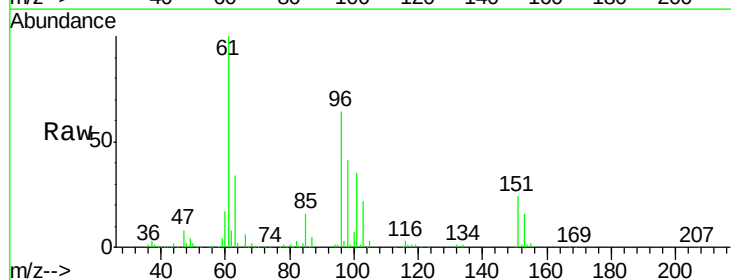
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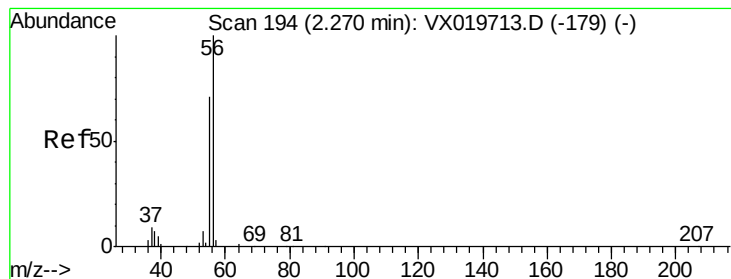


#12

1,1-Dichloroethene
Concen: 19.539 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	67193		
61	155.8		124.6	187.0
98	64.3		50.6	76.0





#13

Acrolein

Concen: 80.494 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 47096

Ion Ratio Lower Upper

56 100

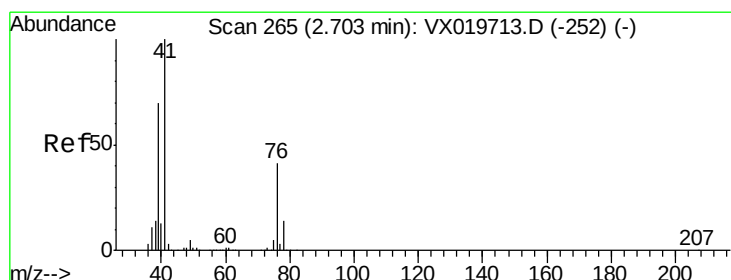
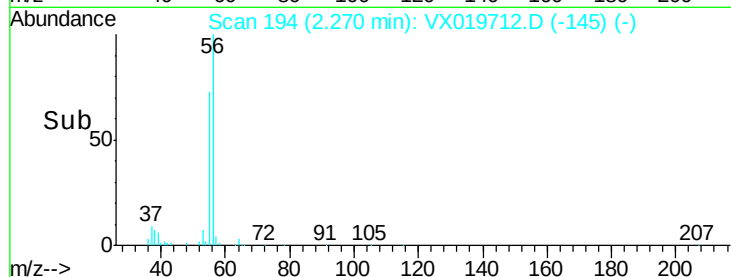
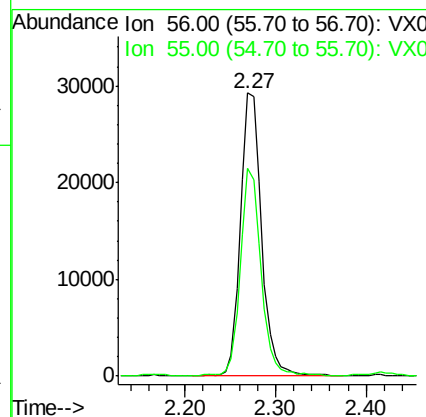
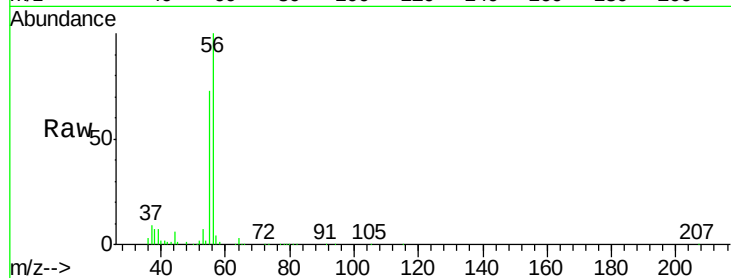
55 71.6 56.4 84.6

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#14

Allyl chloride

Concen: 19.804 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

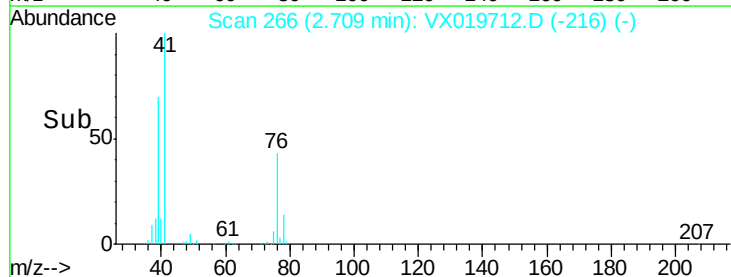
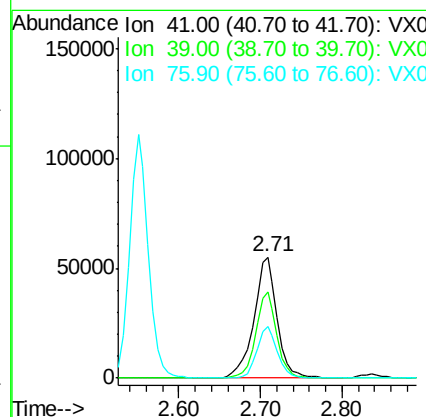
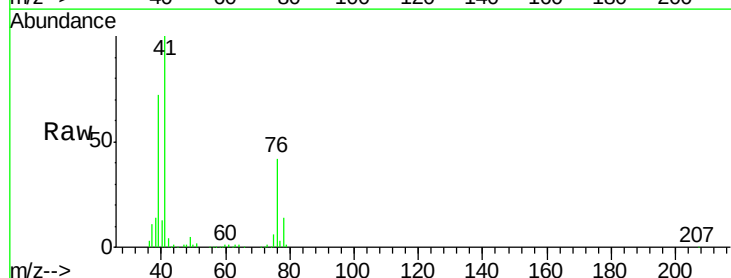
Tgt Ion: 41 Resp: 109503

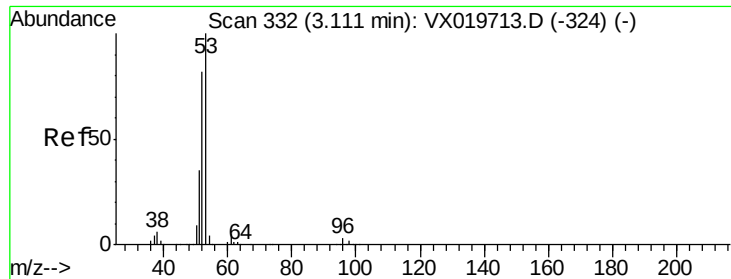
Ion Ratio Lower Upper

41 100

39 65.2 51.6 77.4

76 37.7 30.5 45.7





#15

Acrylonitrile

Concen: 101.952 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

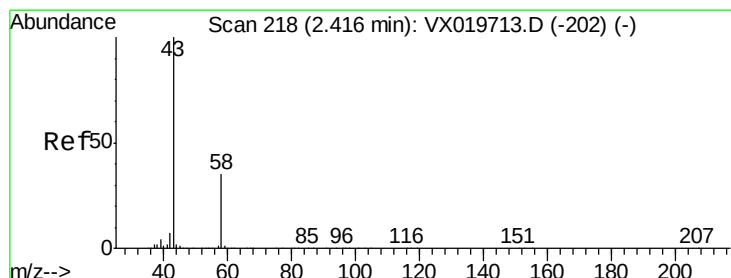
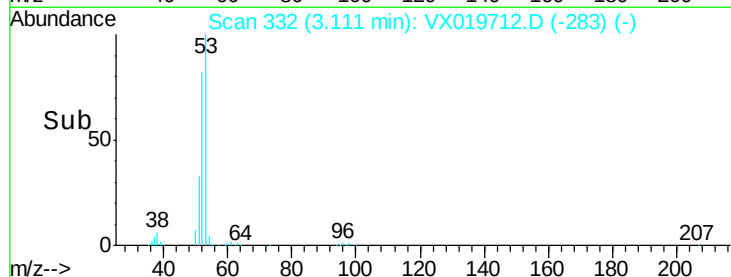
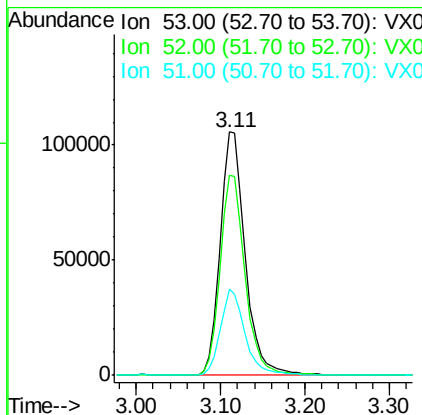
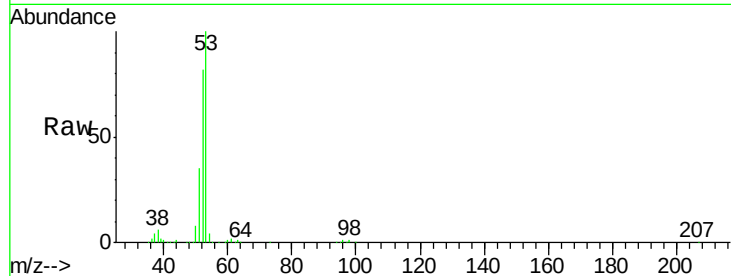
ClientSampled :

VSTDIC020

Tot Ion:	53	Resp:	216860
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.3	97.9
51	35.1	28.2	42.2

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#16

Acetone

Concen: 97.735 ug/l

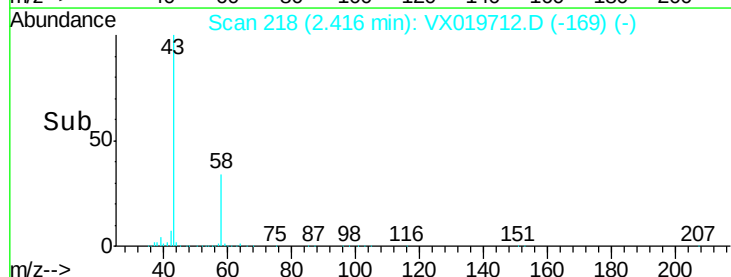
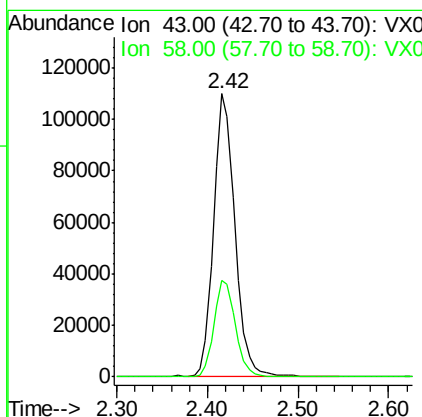
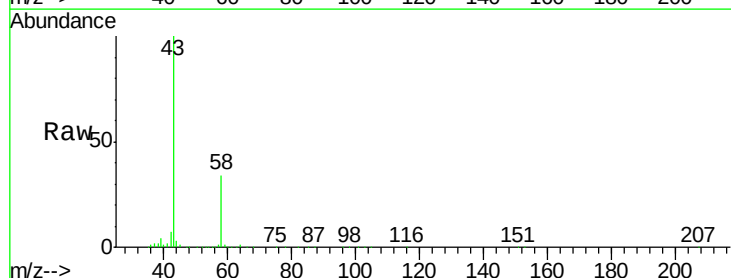
RT: 2.42 min Scan# 218

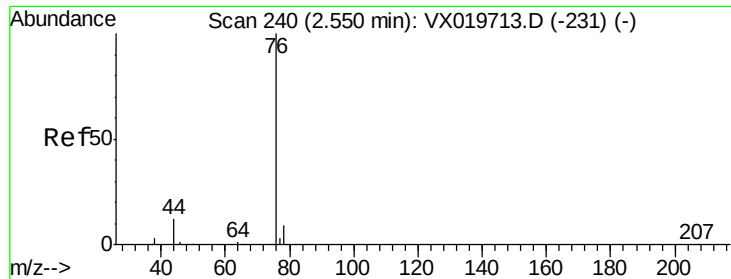
Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion:	43	Resp:	180684
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.8	41.8





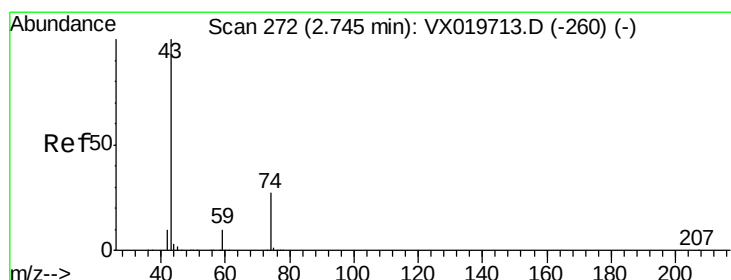
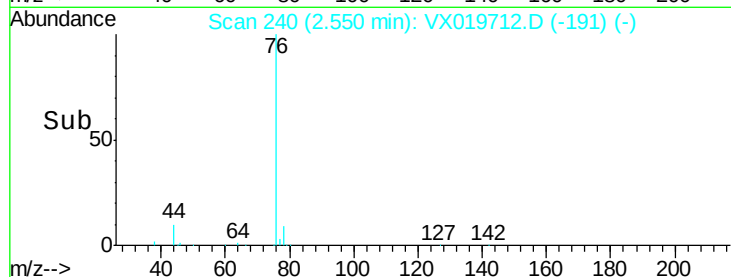
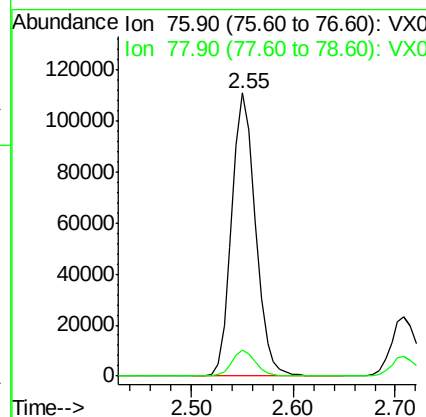
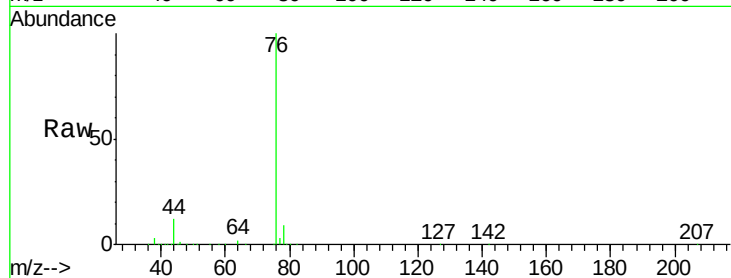
#17
Carbon Disulfide
Concen: 19.196 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

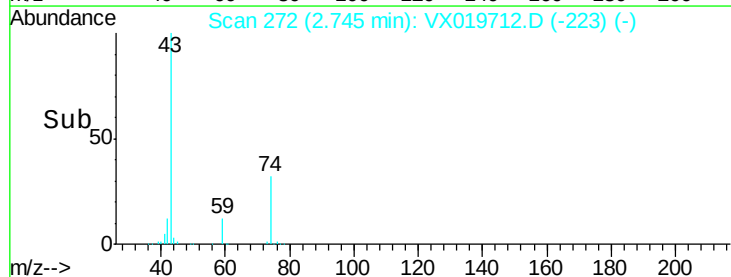
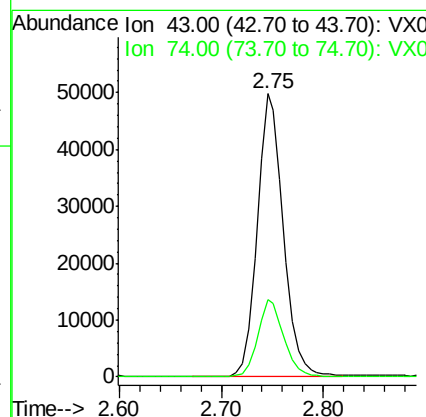
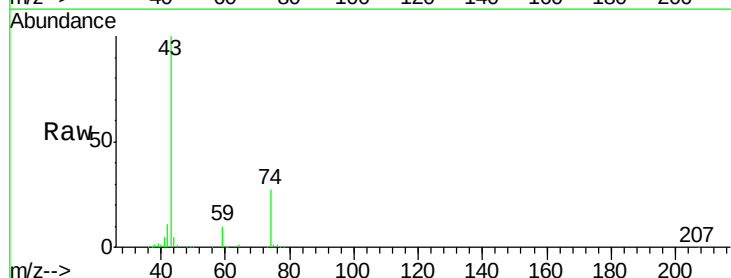
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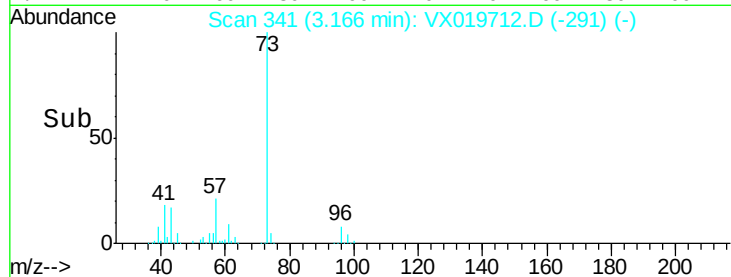
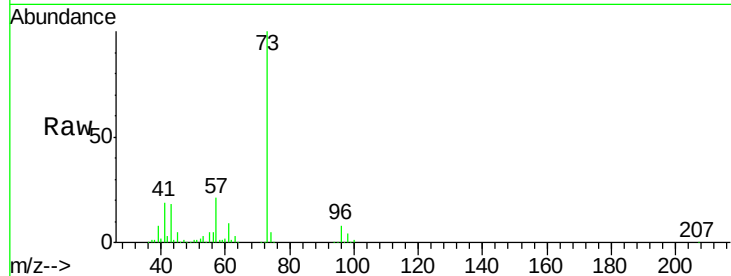
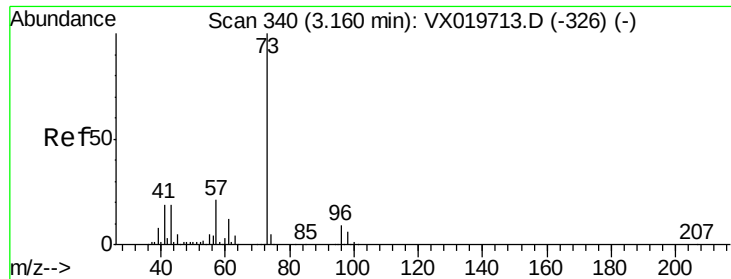
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#18
Methyl Acetate
Concen: 19.035 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	21.9	32.9





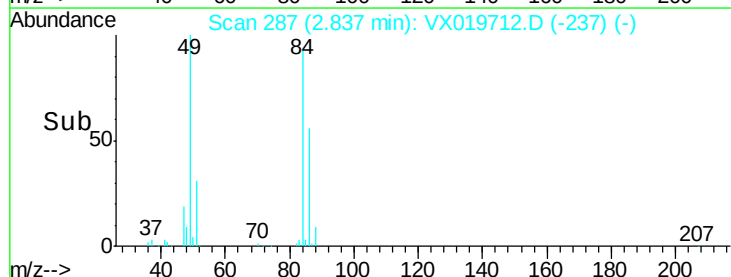
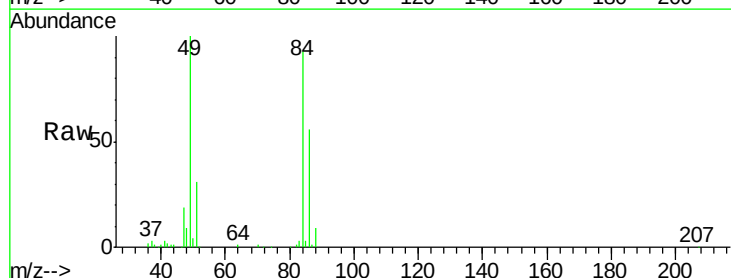
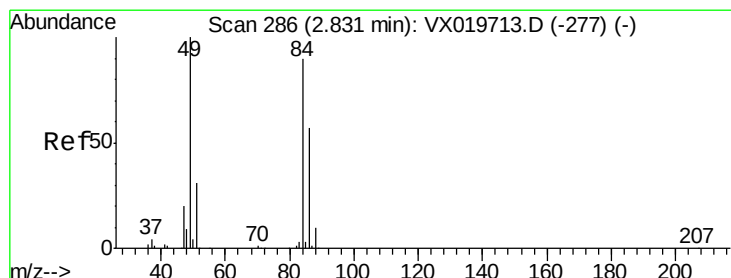
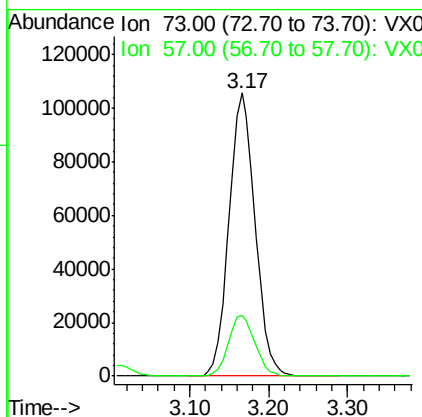
#19
Methyl tert-butyl Ether
Concen: 20.001 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tot Ion: 73 Resp: 242502
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

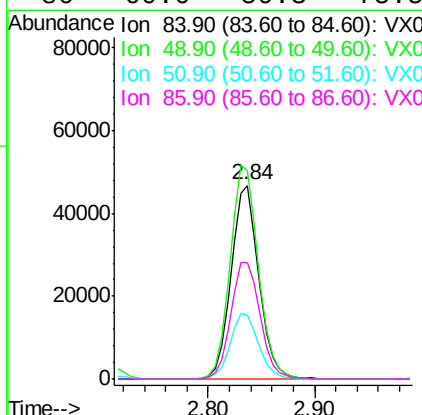
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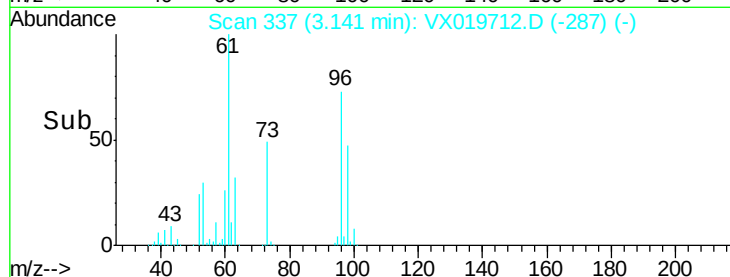
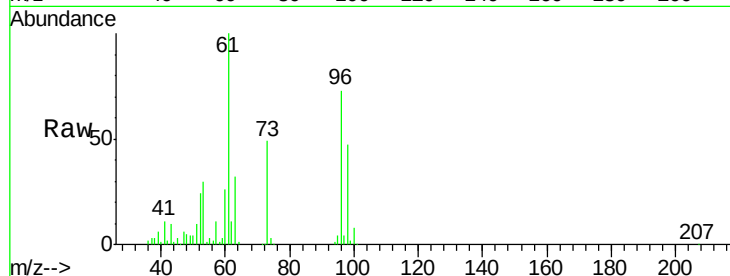
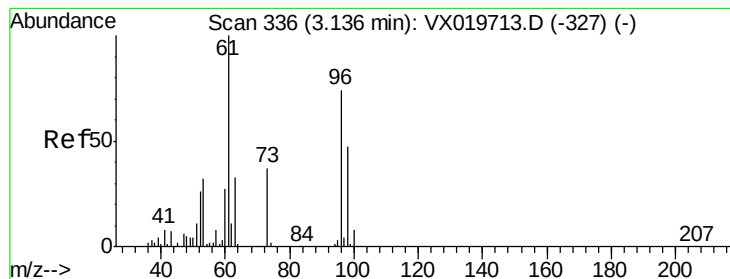
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#20
Methylene Chloride
Concen: 18.133 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 84 Resp: 85643
Ion Ratio Lower Upper
84 100
49 107.9 88.6 132.8
51 33.2 27.0 40.6
86 60.0 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.954 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tot Ion:	96	Resp:	77538
Ion	Ratio	Lower	Upper
96	100		
61	137.2	107.7	161.5
98	65.0	50.4	75.6

Instrument :

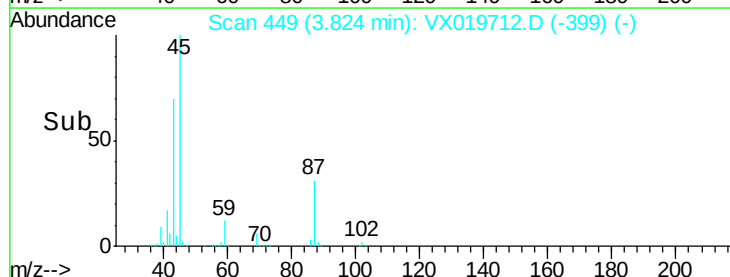
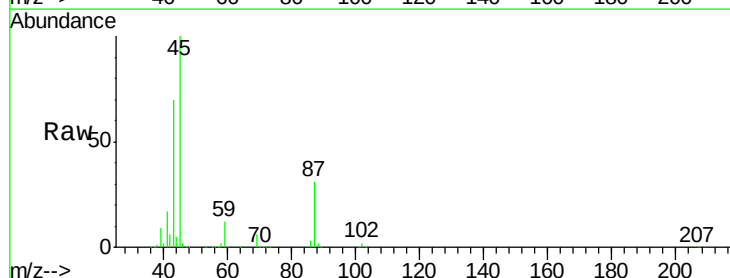
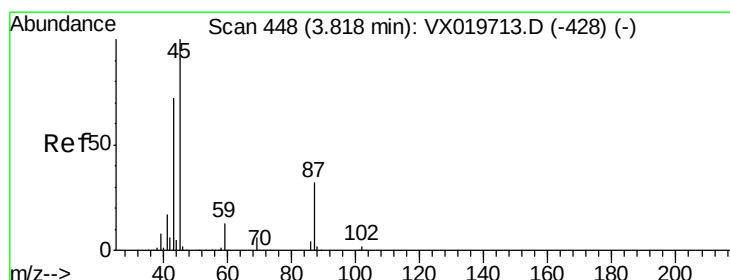
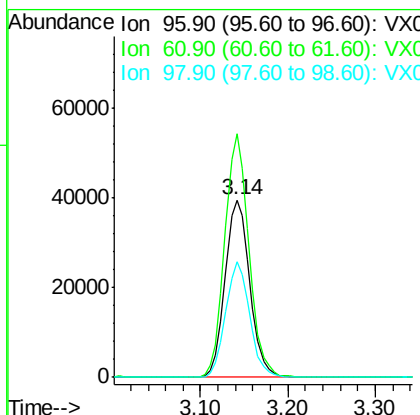
MSVOA_X

ClientSampleId :

VSTDIC020

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#22

Diisopropyl ether

Concen: 19.971 ug/l

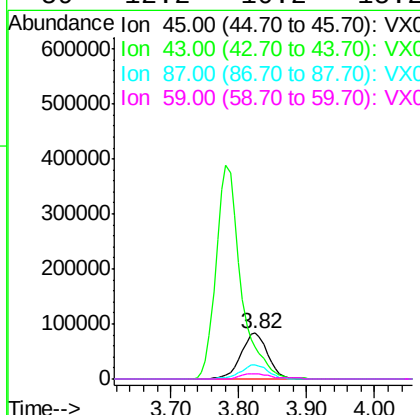
RT: 3.82 min Scan# 449

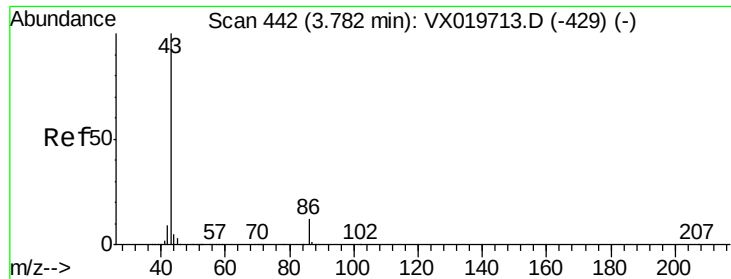
Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion:	45	Resp:	228639
Ion	Ratio	Lower	Upper
45	100		
43	70.3	58.0	87.0
87	30.7	25.4	38.0
59	12.2	10.2	15.2





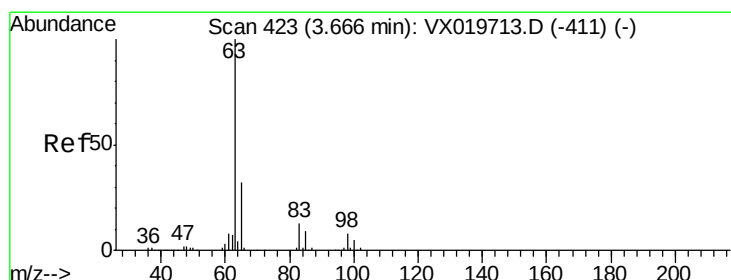
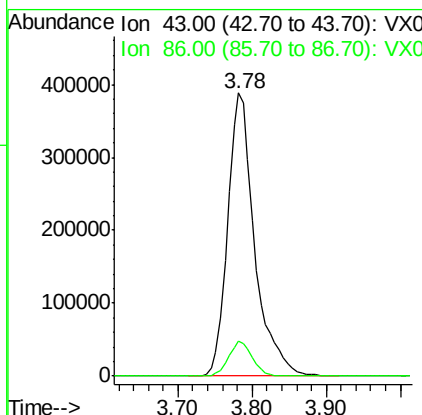
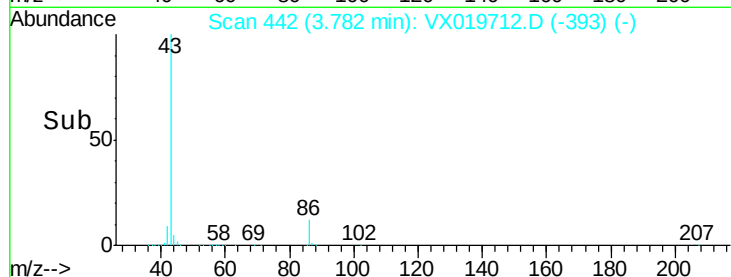
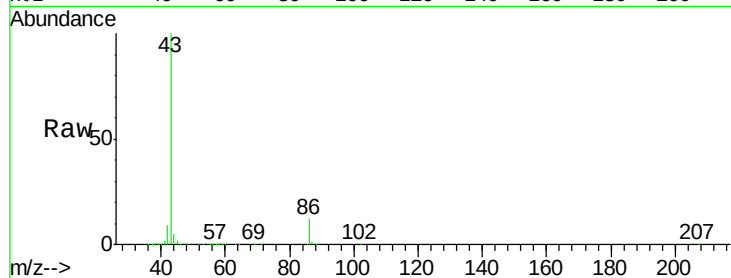
#23
 Vinyl Acetate
 Concen: 101.950 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
43	100	982835		
86	12.2		9.9	14.9

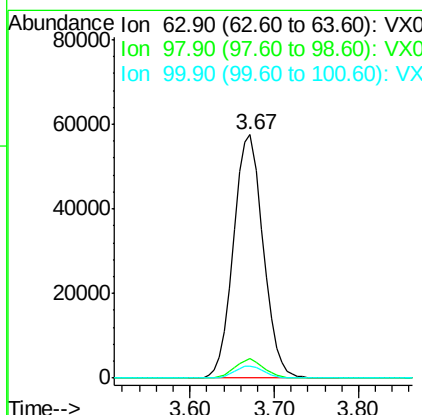
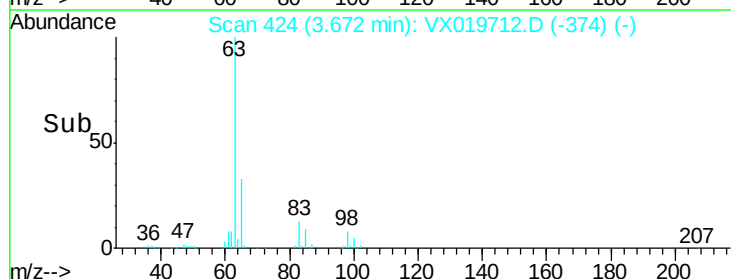
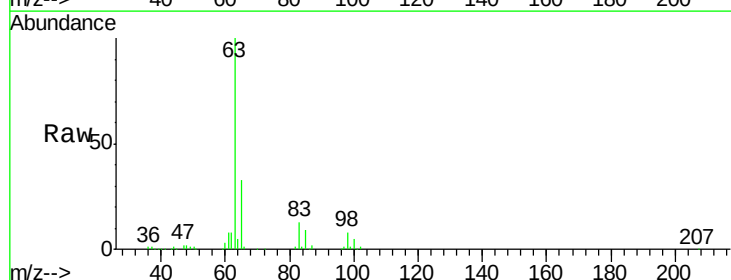
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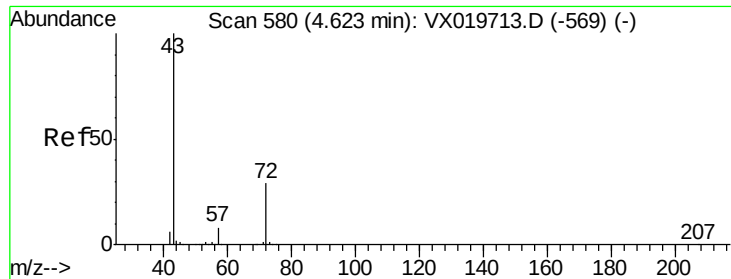
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#24
 1,1-Dichloroethane
 Concen: 19.745 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	136947		
98	7.8		3.8	11.2
100	4.9		2.5	7.5





#25

2-Butanone

Concen: 101.693 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 277858

Ion Ratio Lower Upper

43 100

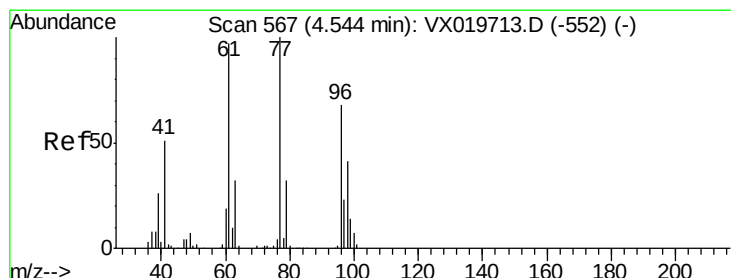
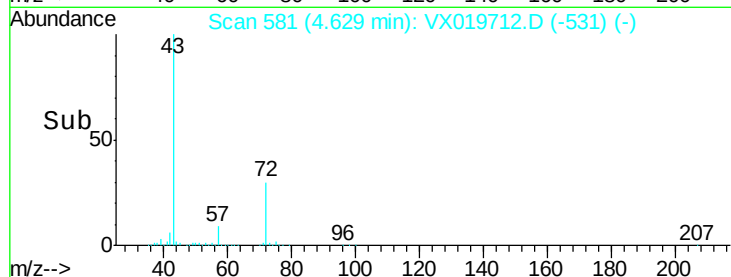
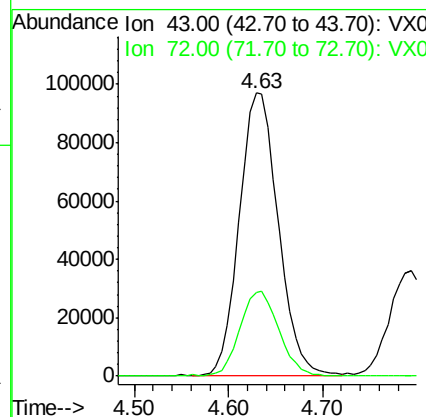
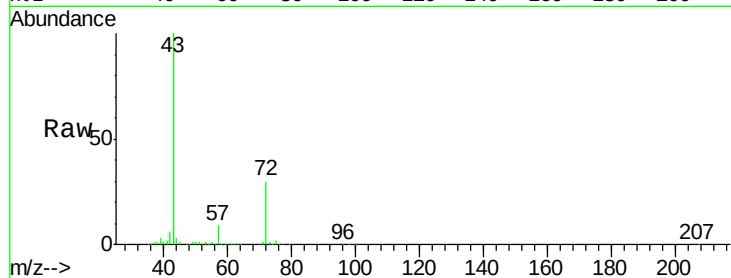
72 29.5 23.7 35.5

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#26

2,2-Dichloropropane

Concen: 20.057 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019712.D

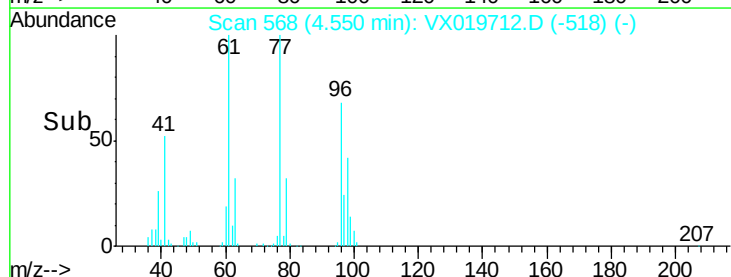
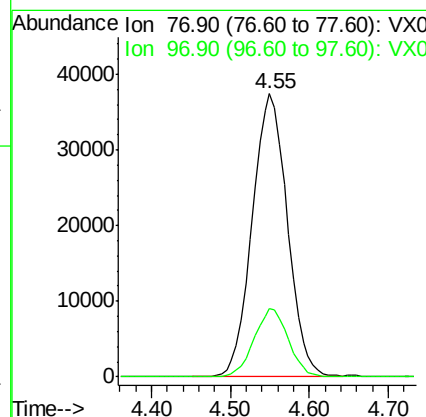
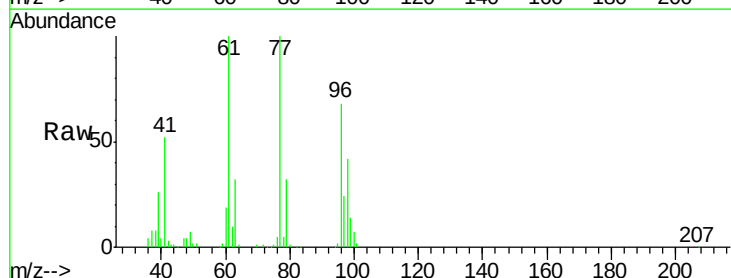
Acq: 04 Dec 2020 11:36

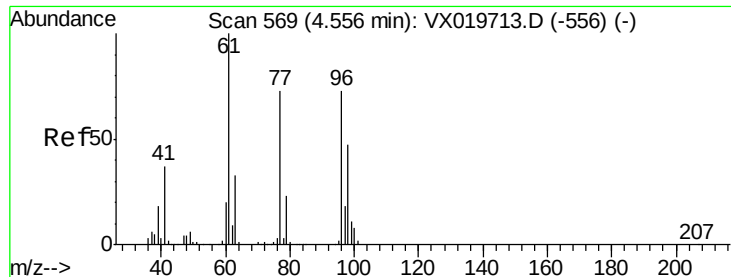
Tgt Ion: 77 Resp: 116121

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1





#27

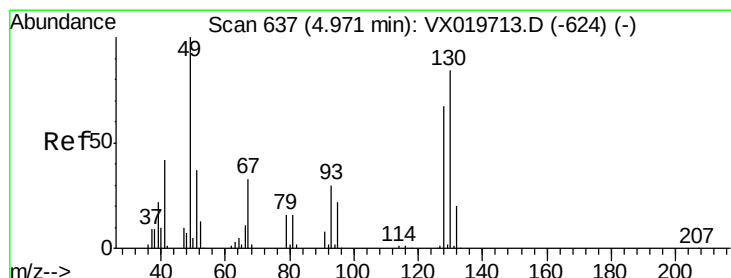
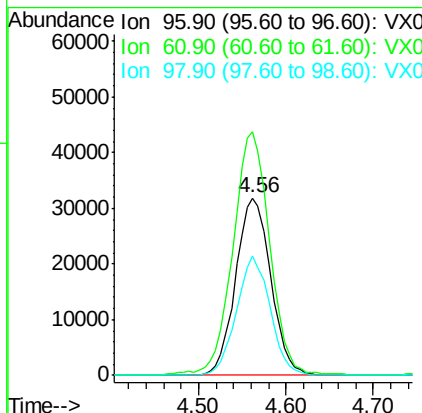
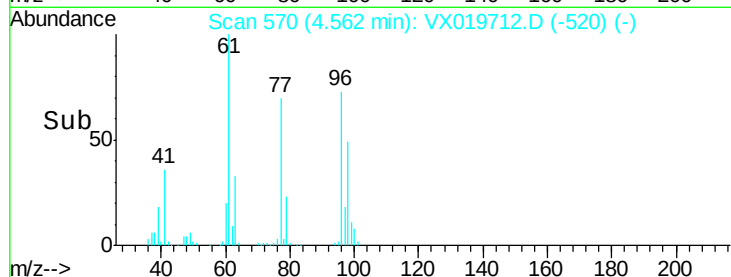
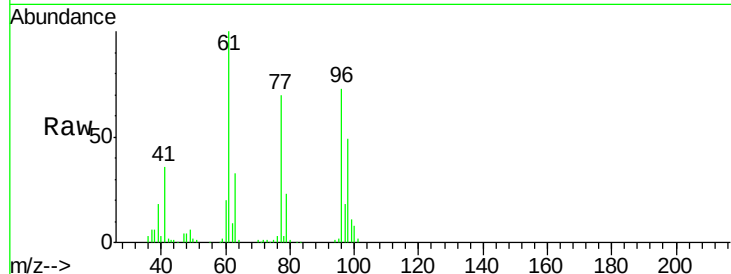
cis-1,2-Dichloroethene
Concen: 19.690 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.2	0.0	285.6	
98	64.4	0.0	129.6	

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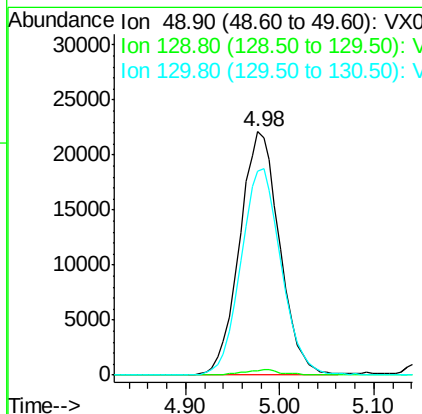
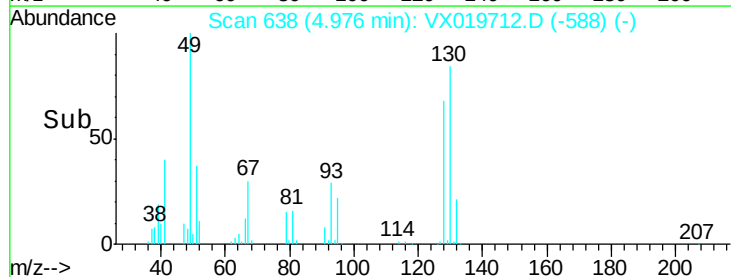
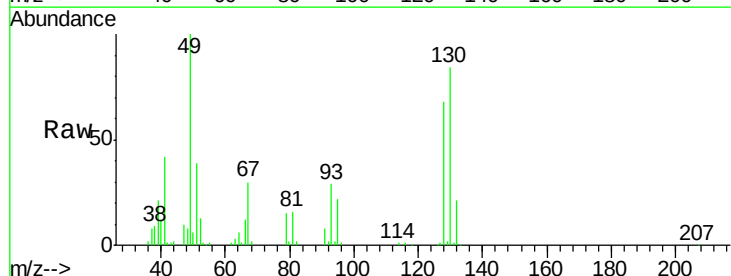
MMDadoda
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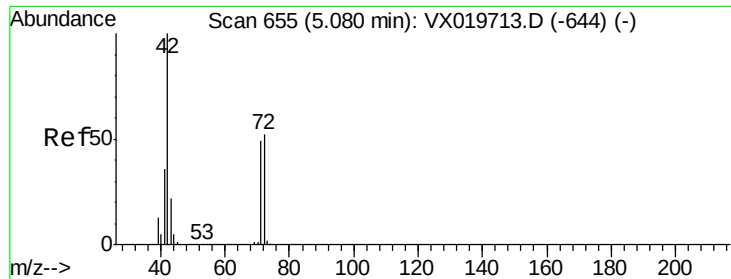


#28

Bromochloromethane
Concen: 20.824 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	85.2	68.2	102.2	





#29

Tetrahydrofuran

Concen: 101.291 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

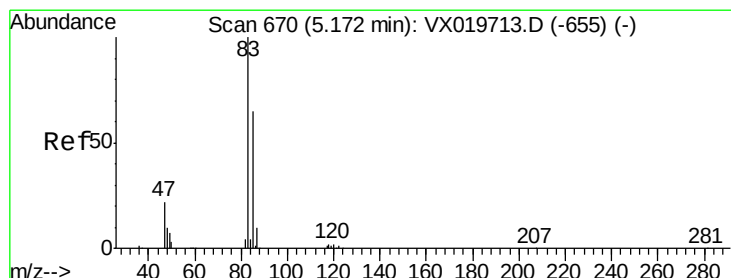
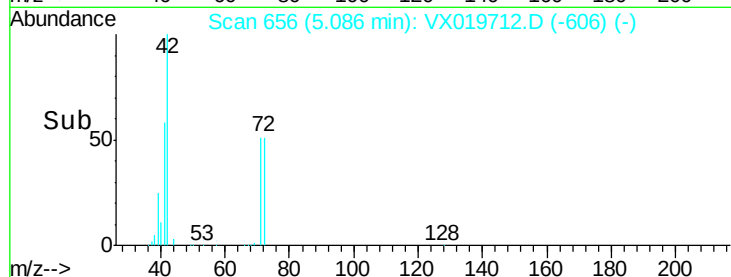
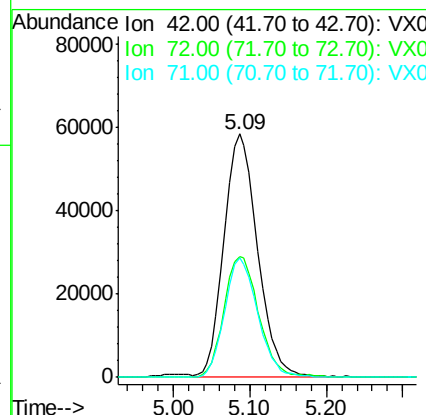
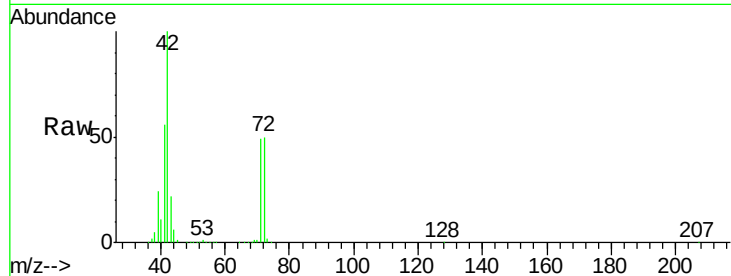
ClientSampleId :

VSTDIC020

Tot Ion:	42	Resp:	176996
Ion	Ratio	Lower	Upper
42	100		
72	52.1	41.7	62.5
71	48.8	38.4	57.6

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#30

Chloroform

Concen: 19.632 ug/l

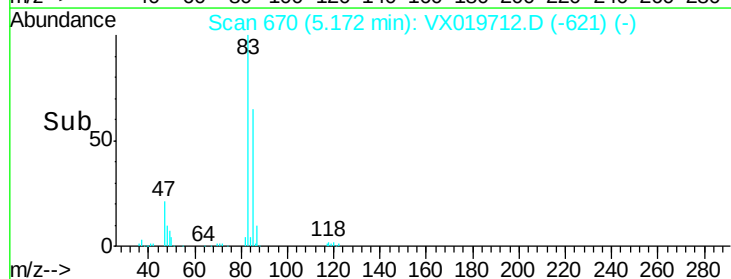
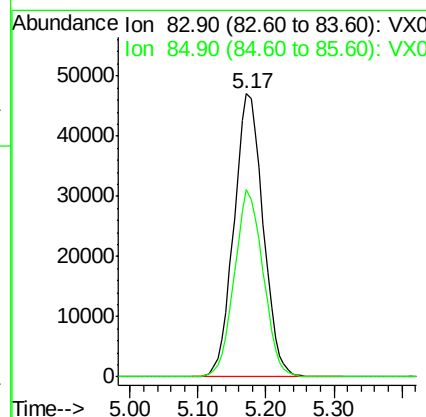
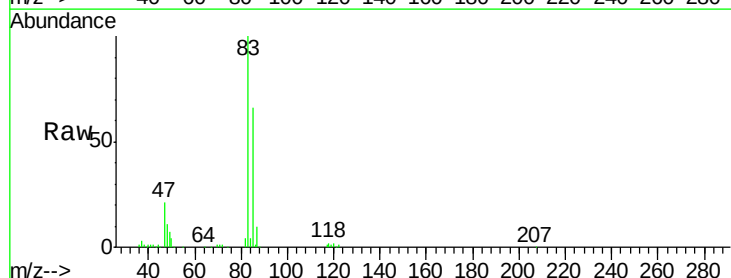
RT: 5.17 min Scan# 670

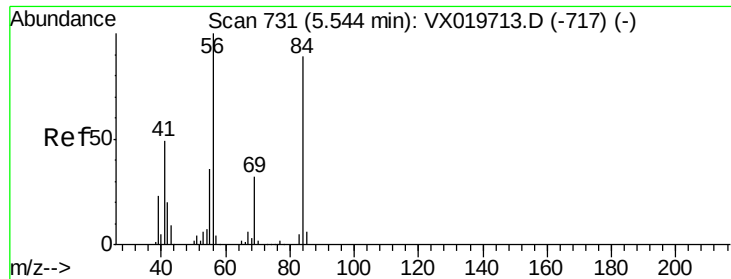
Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion:	83	Resp:	139870
Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.0	78.0





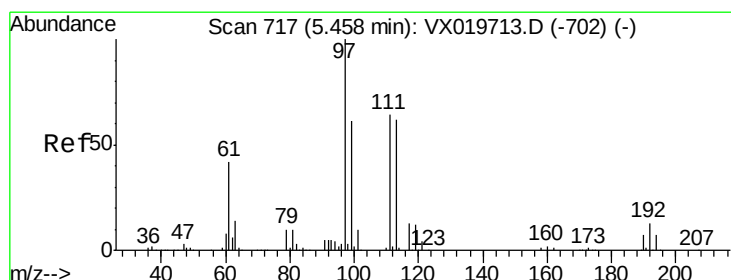
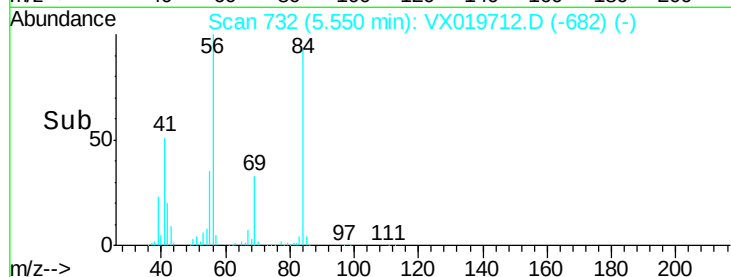
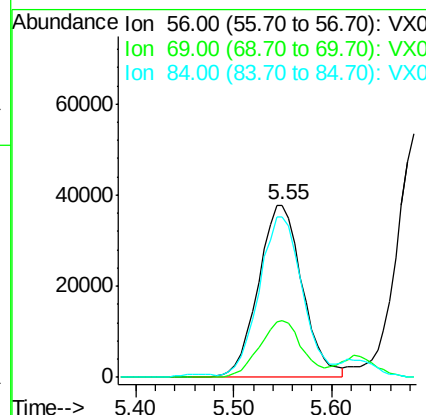
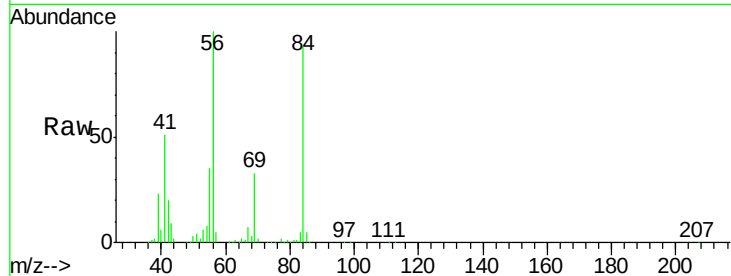
#31
Cyclohexane
Concen: 19.490 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.3	37.9
84	91.6	71.4	107.0

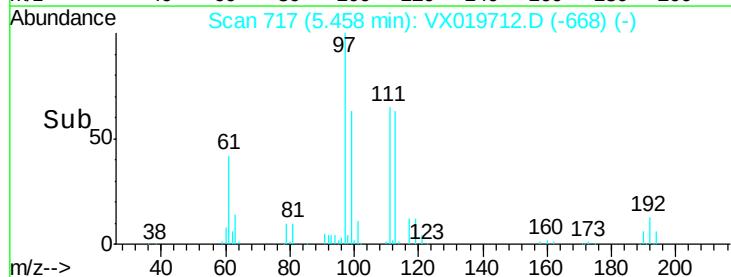
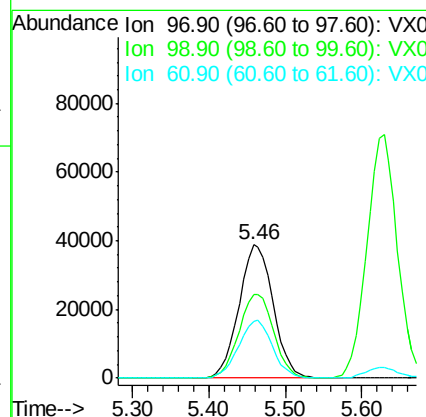
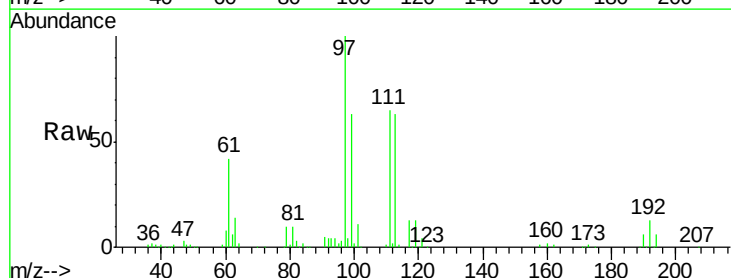
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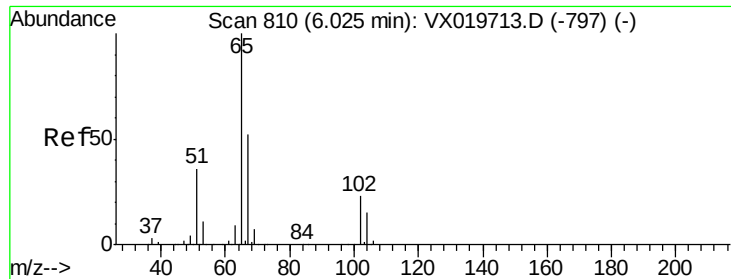
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#32
1,1,1-Trichloroethane
Concen: 19.789 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.5	77.3
61	43.1	34.2	51.4





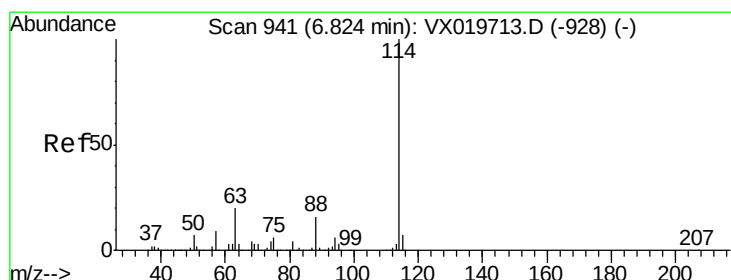
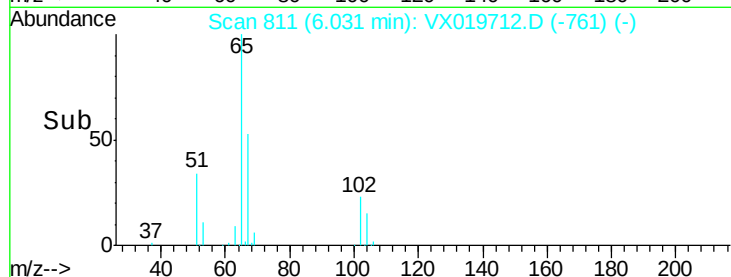
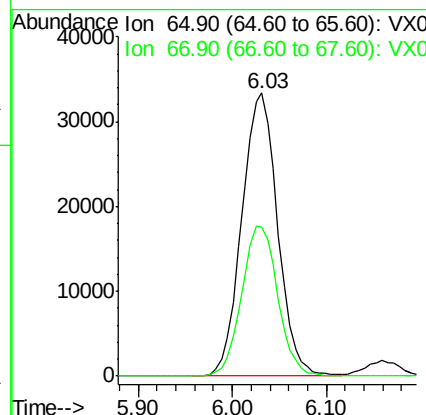
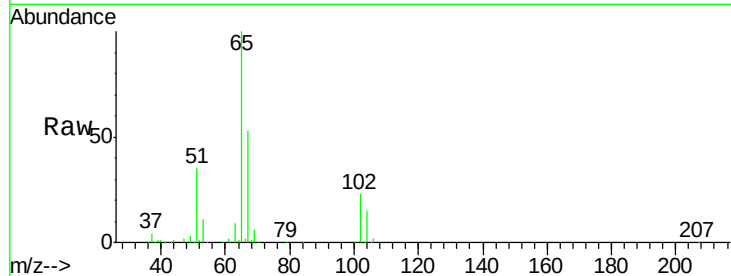
#33
 1,2-Dichloroethane-d4
 Concen: 19.341 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	105.4	

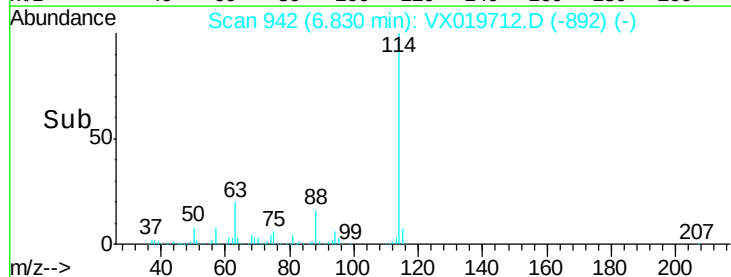
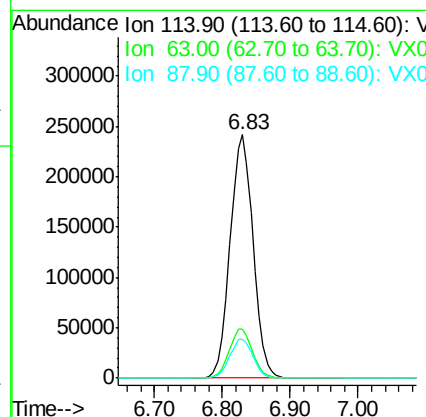
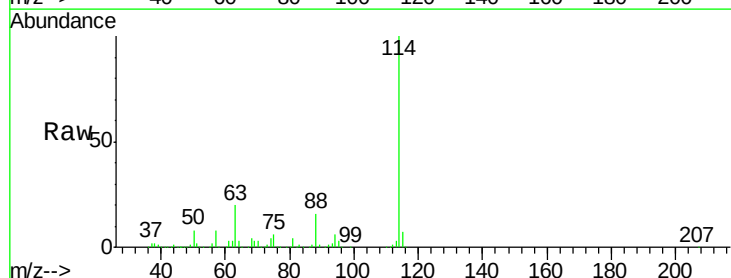
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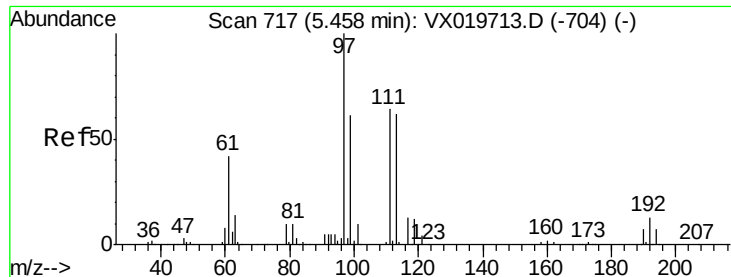
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 12/7/2020 10:56:17 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.2	0.0	40.8	
88	16.1	0.0	32.8	





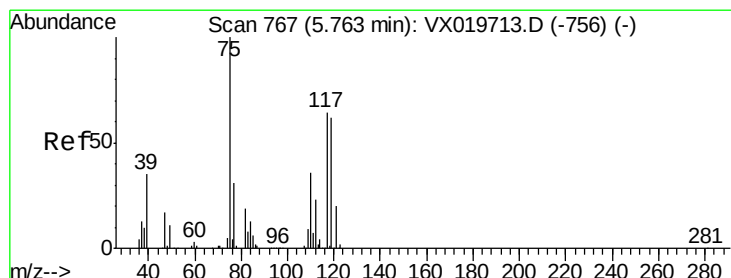
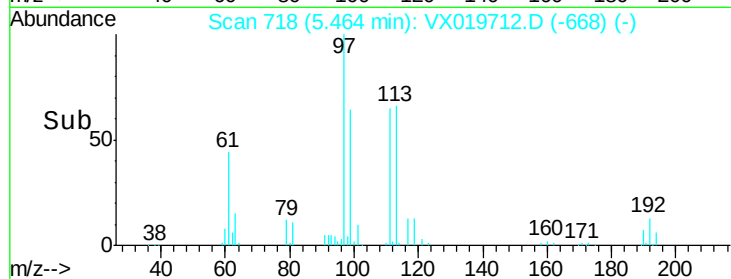
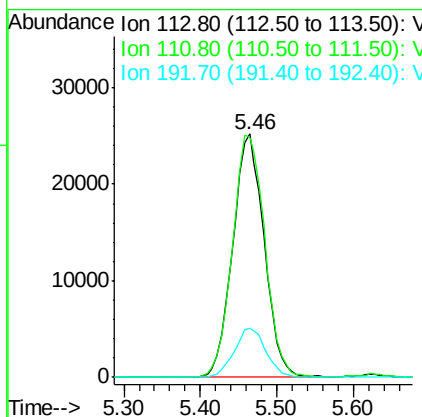
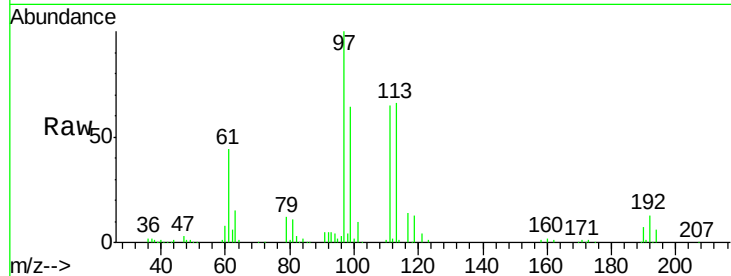
#35
Dibromofluoromethane
Concen: 19.389 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	20.3	16.7	25.1

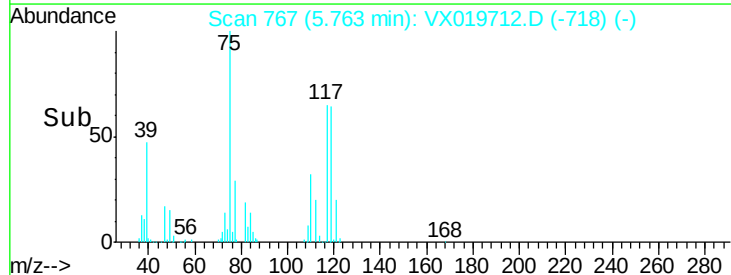
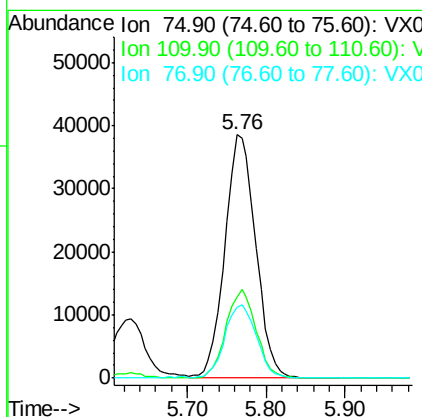
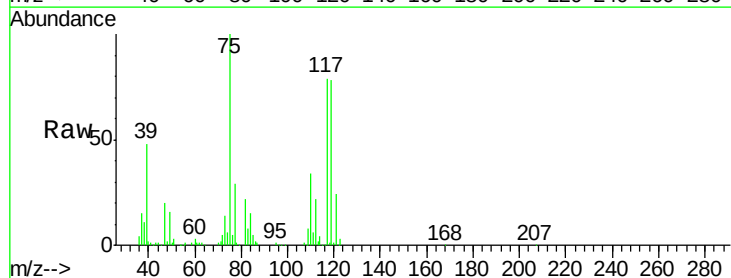
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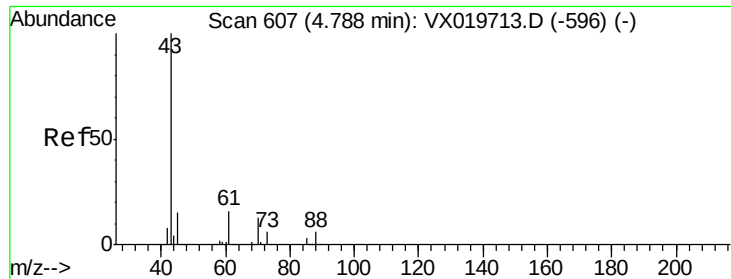
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#36
1,1-Dichloropropene
Concen: 20.146 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.1	54.4
77	30.5	25.3	37.9





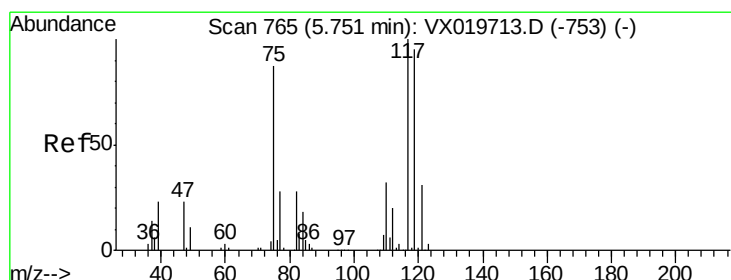
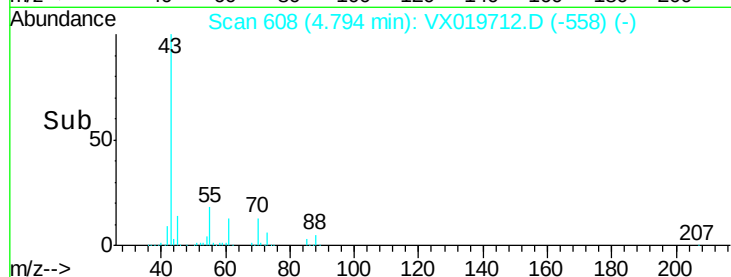
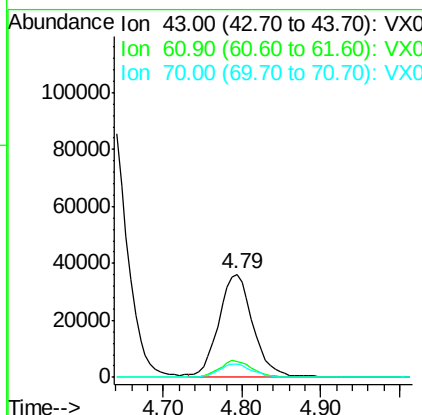
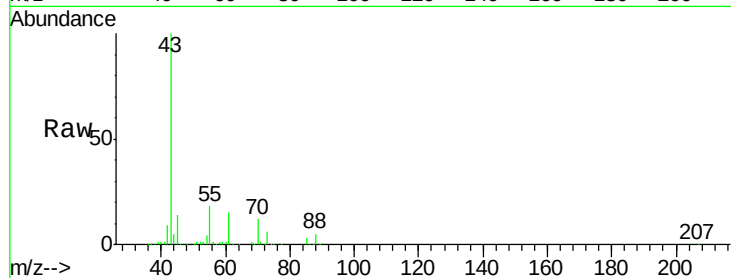
#37
Ethyl Acetate
Concen: 20.601 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.8	19.2
70	12.7	10.5	15.7

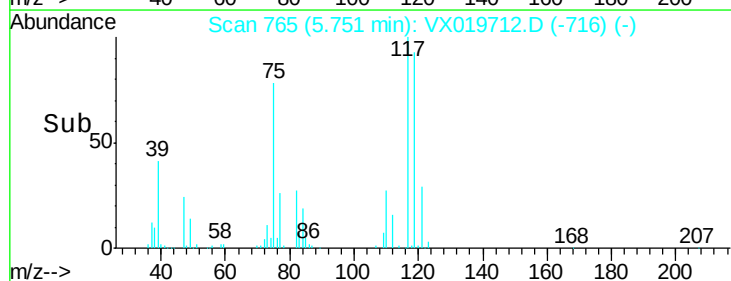
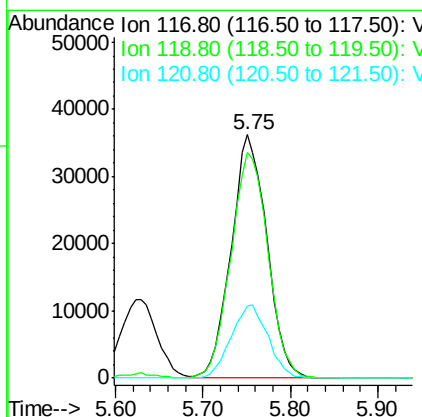
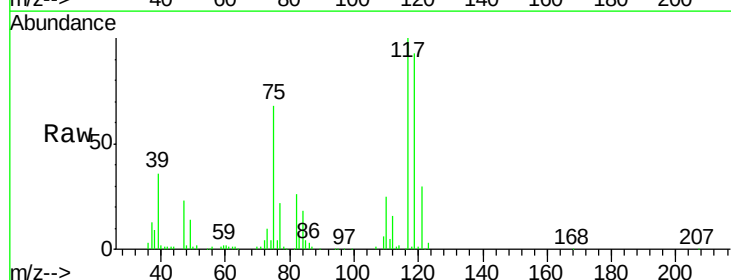
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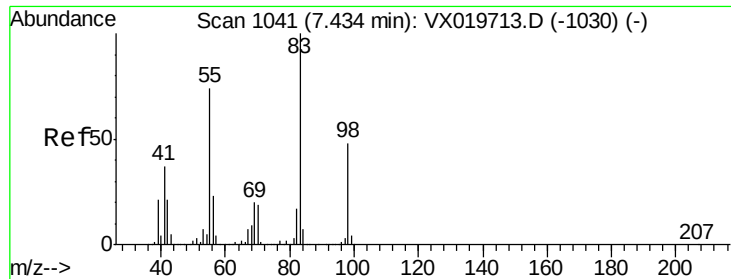
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.860 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.2	114.2
121	29.8	24.8	37.2





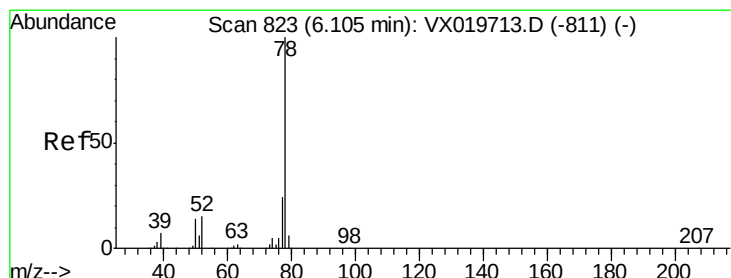
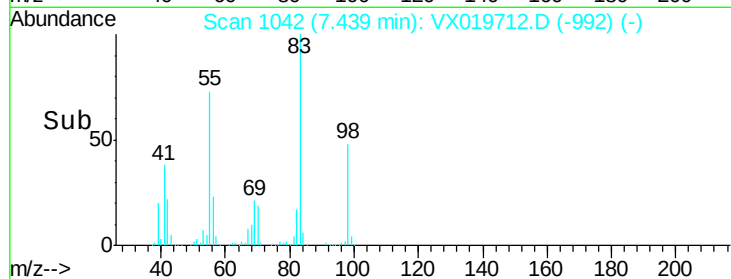
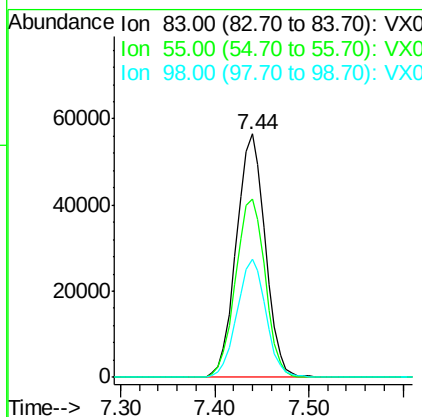
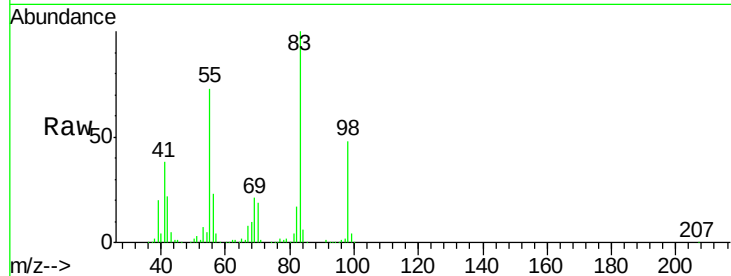
#39
Methylvlcyclohexane
Concen: 19.749 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100	121146		
55	73.3		58.9	88.3
98	48.4		38.1	57.1

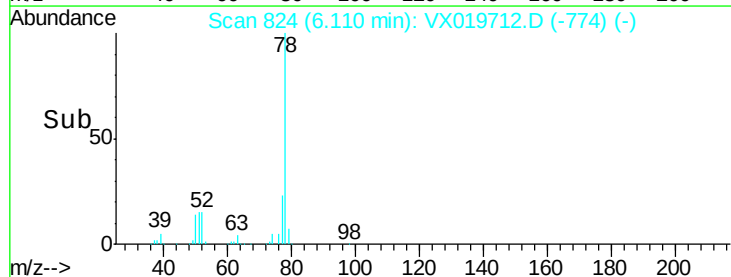
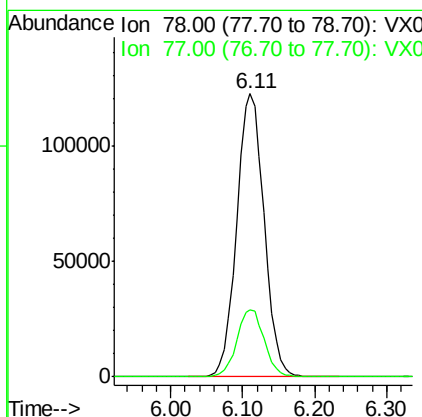
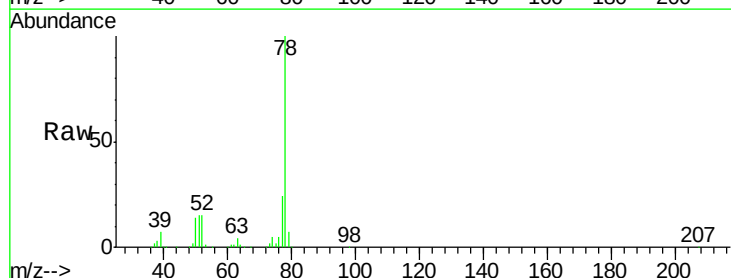
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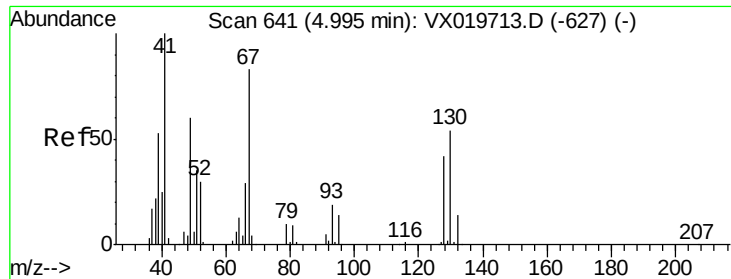
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#40
Benzene
Concen: 19.809 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	322411		
77	23.7		18.9	28.3





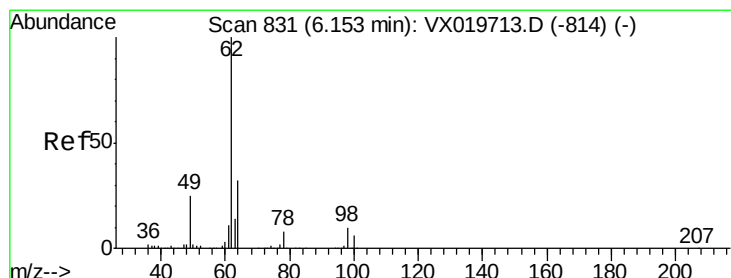
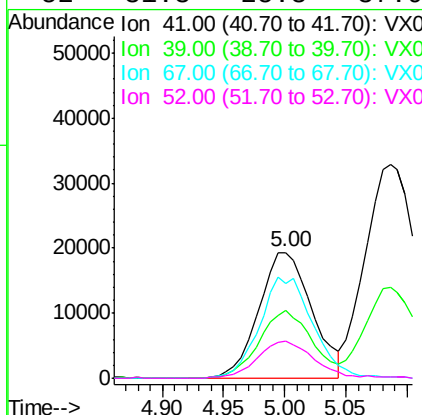
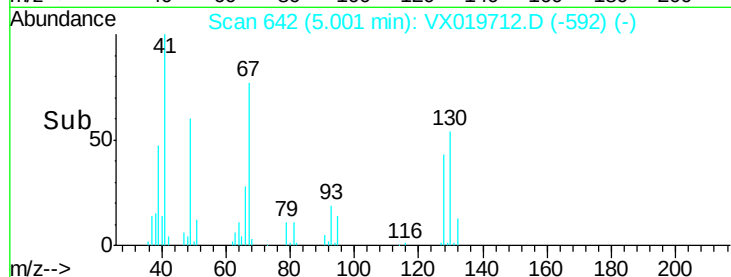
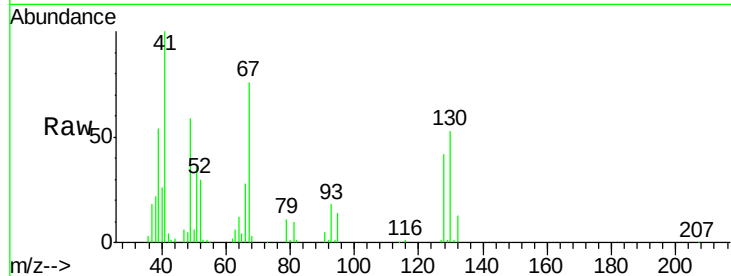
#41
Methacrylonitrile
Concen: 20.251 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	42.5	63.7	
67	80.9	65.0	97.6	
52	31.3	25.3	37.9	

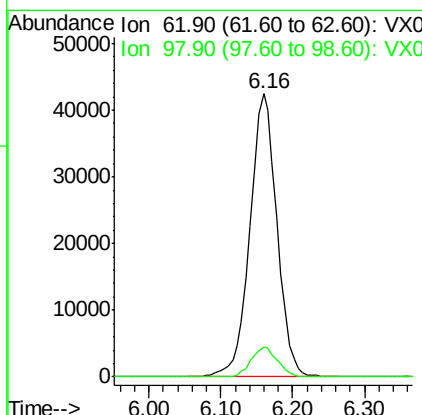
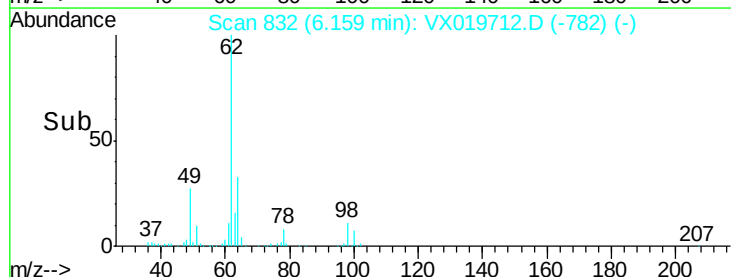
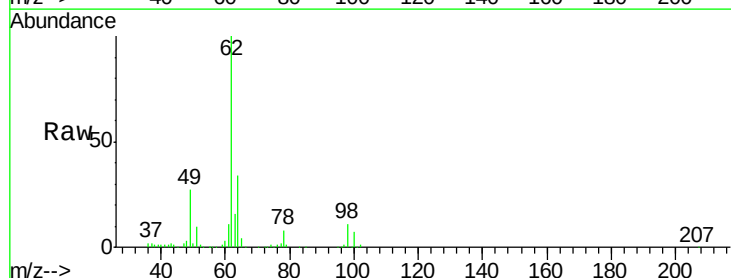
Manual Integrations
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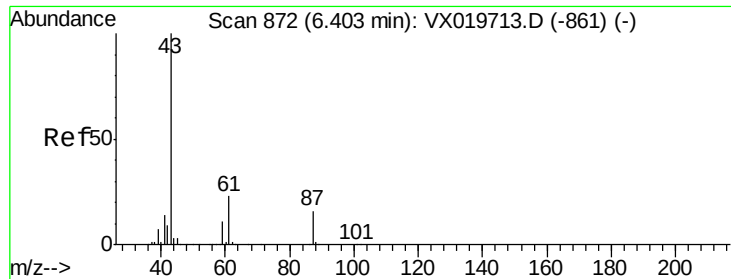
MMDadoda
12/7/2020 10:56:17 AM



#42
1,2-Dichloroethane
Concen: 19.840 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.2	





#43

Isopropyl Acetate

Concen: 19.708 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

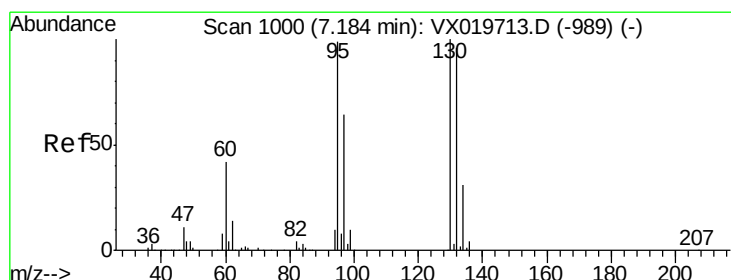
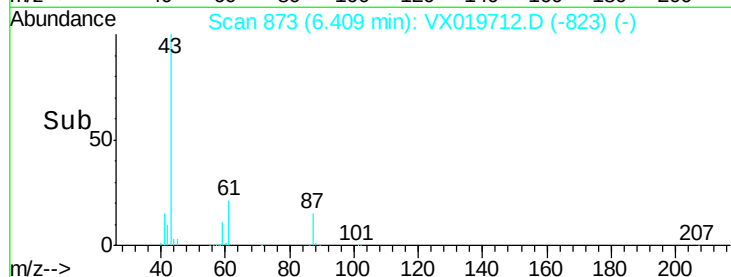
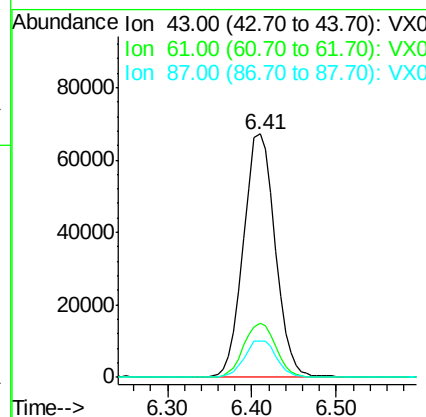
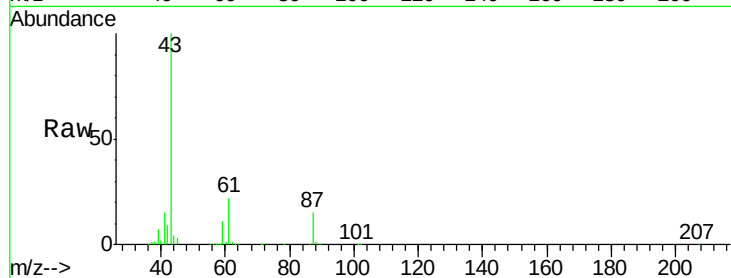
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	170540
Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.2	27.4
87	15.2	12.5	18.7

Manual Integrations
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#44

Trichloroethene

Concen: 19.301 ug/l

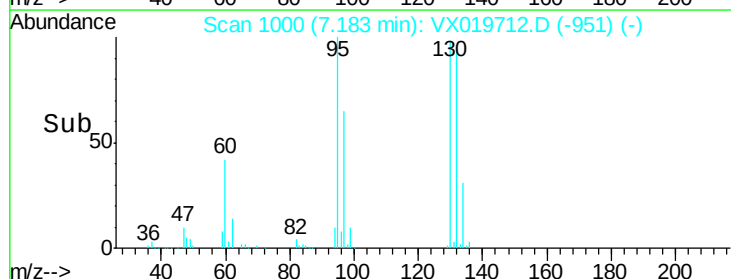
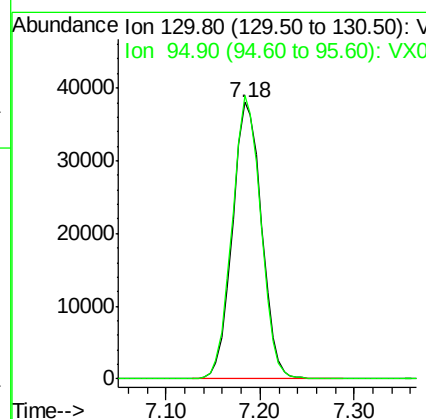
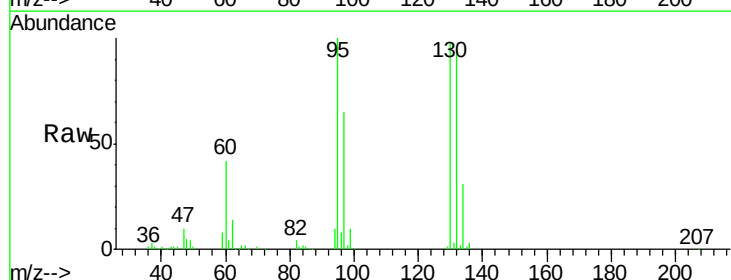
RT: 7.18 min Scan# 1000

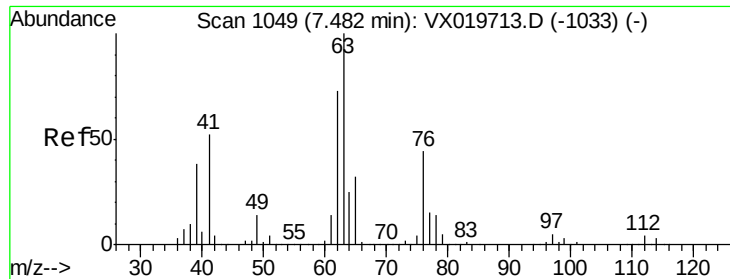
Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion:	130	Resp:	82046
Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	198.0





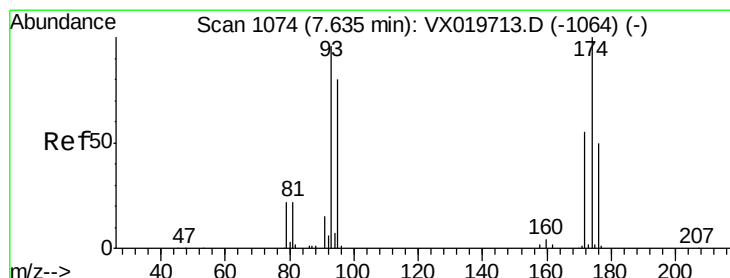
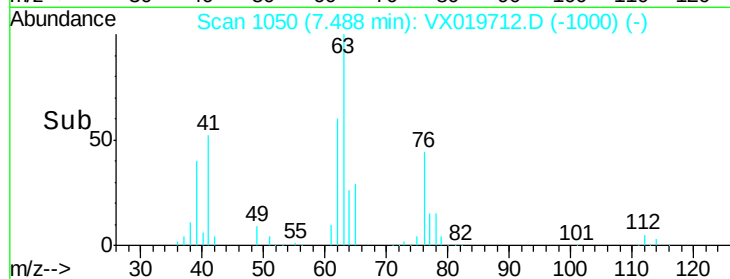
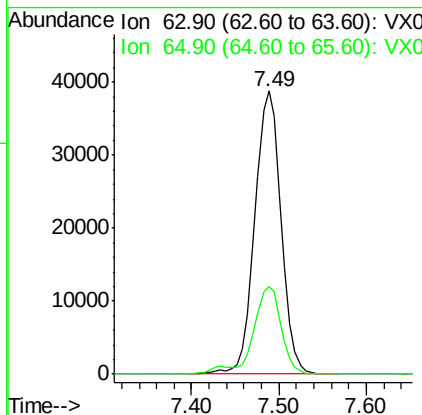
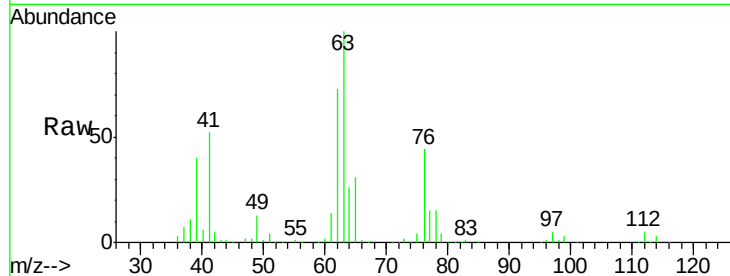
#45
 1,2-Dichloropropane
 Concen: 19.782 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion: 63 Resp: 80979
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.7 38.5

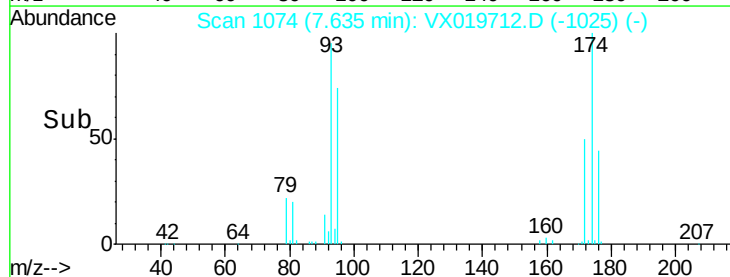
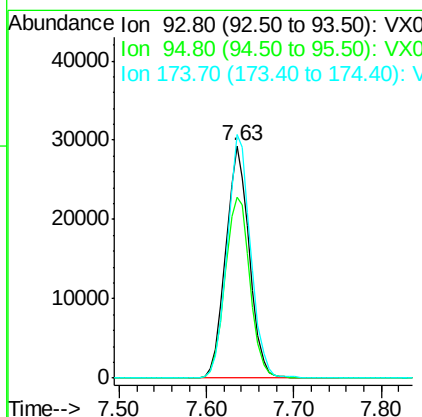
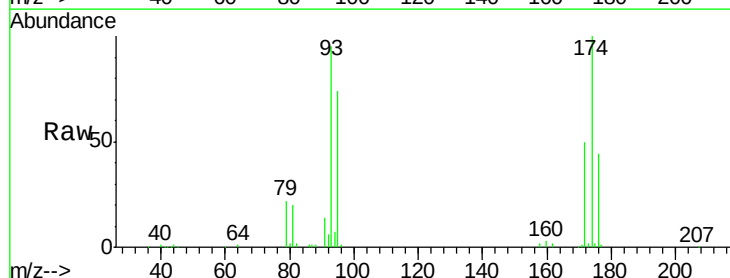
Manual Integrations
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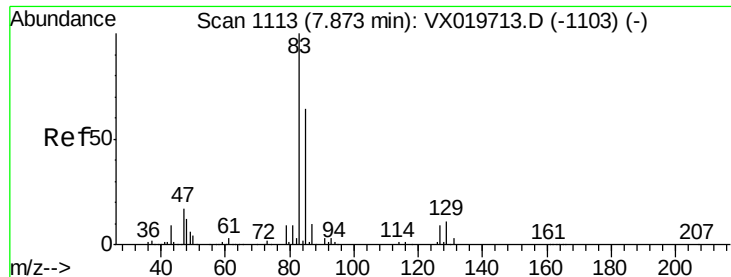
MMDadoda
 12/7/2020 10:56:17 AM



#46
 Dibromomethane
 Concen: 19.884 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion: 93 Resp: 54595
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.8 100.2
 174 104.5 83.1 124.7





#47

Bromodichloromethane

Concen: 19.573 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

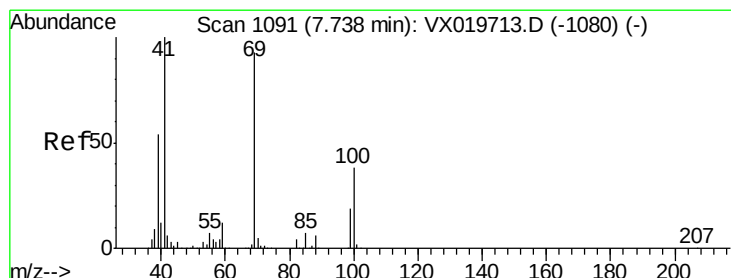
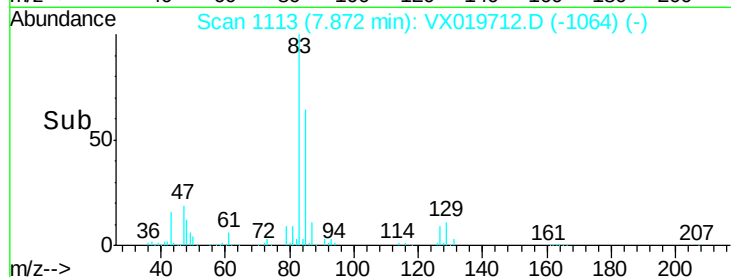
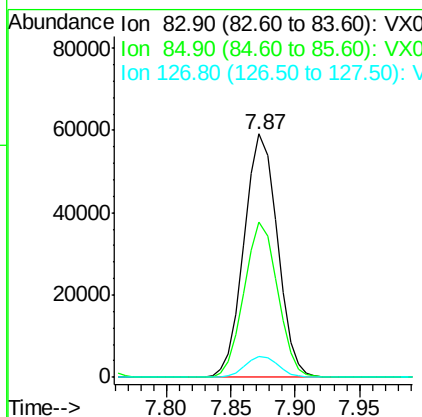
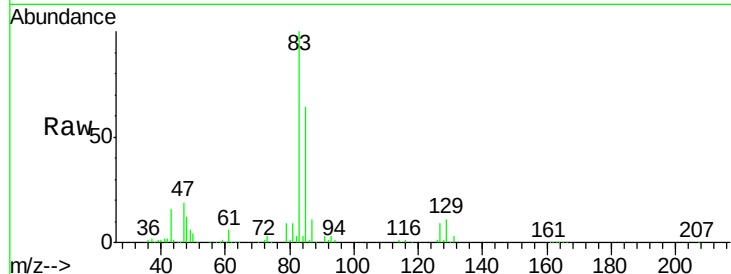
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	106525
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.4	77.0
127	8.5	6.8	10.2

Manual Integrations
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MMDadoda
12/7/2020 10:56:17 AM



#48

Methyl methacrylate

Concen: 19.897 ug/l

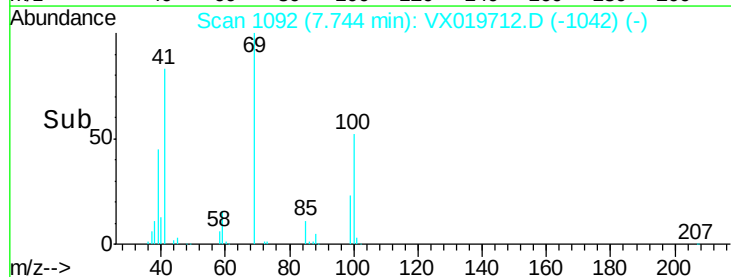
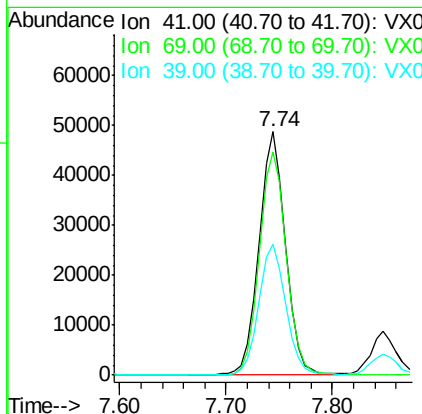
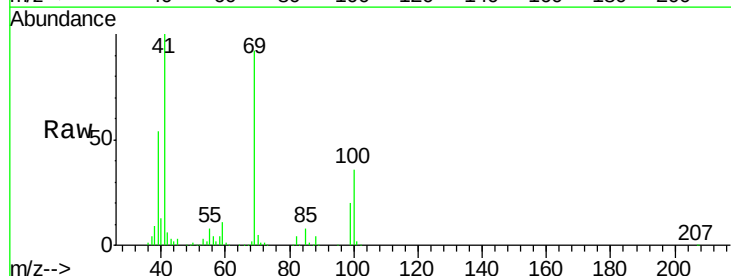
RT: 7.74 min Scan# 1092

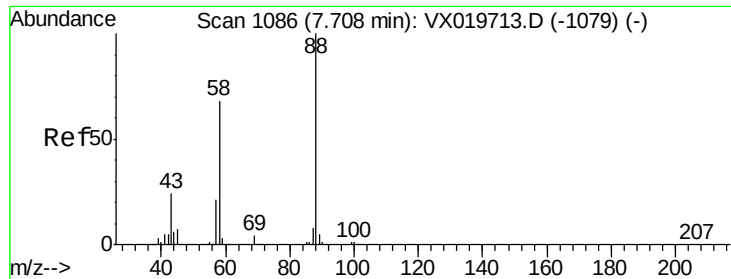
Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion:	41	Resp:	85103
Ion Ratio	Lower	Upper	
41	100		
69	93.6	76.0	114.0
39	55.2	44.6	67.0





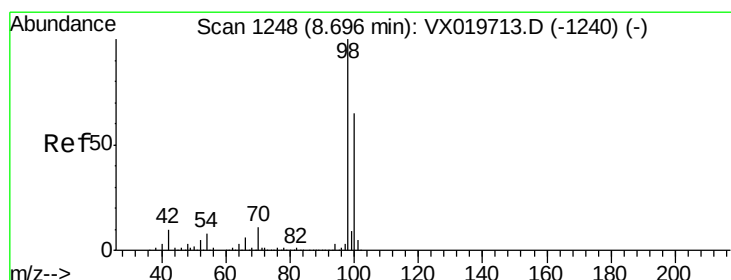
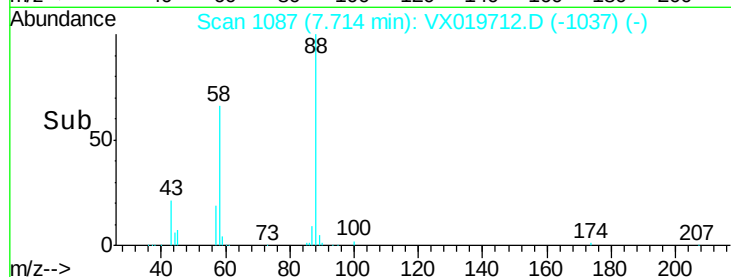
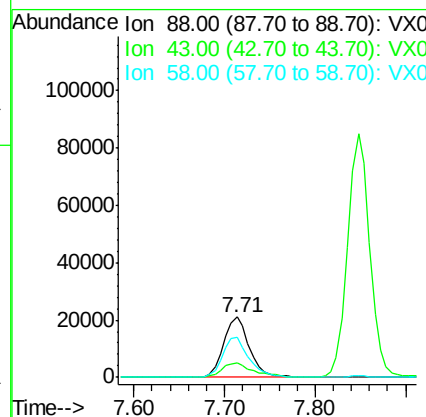
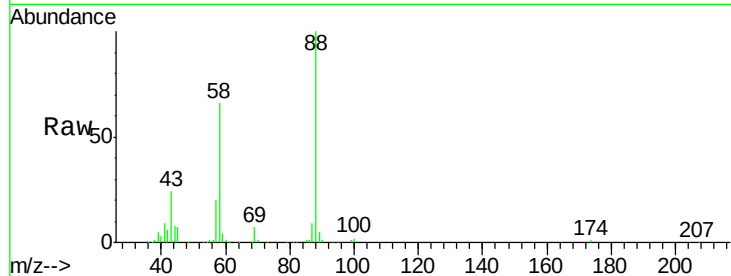
#49
1,4-Dioxane
Concen: 423.026 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.2	34.8
58	69.1	55.0	82.4

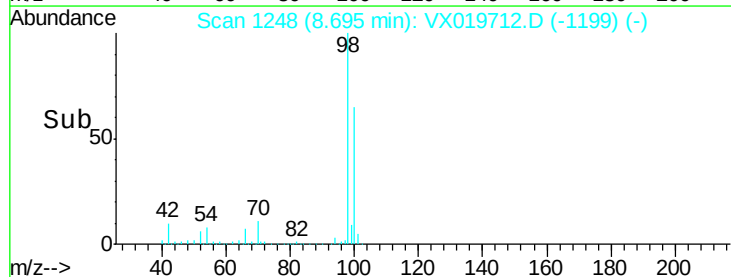
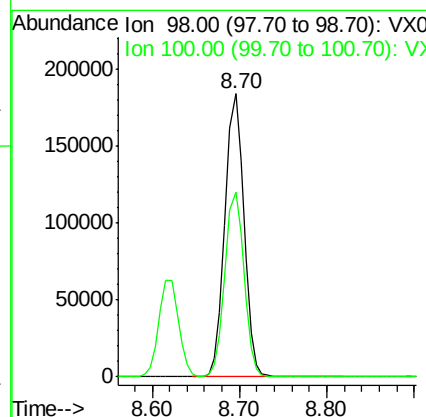
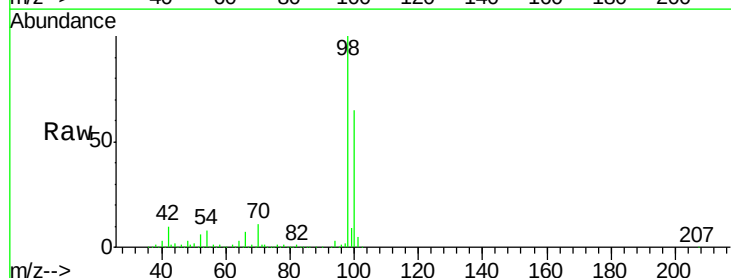
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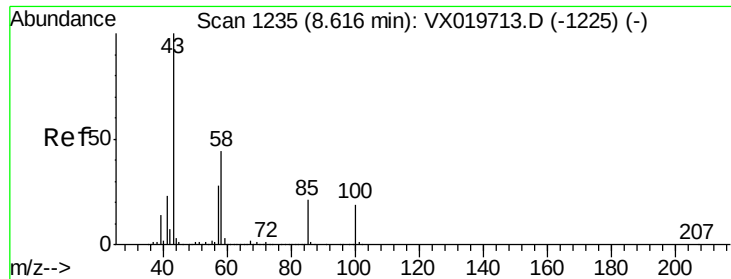
MMDadoda
12/7/2020 10:56:17 AM



#50
Toluene-d8
Concen: 19.604 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9





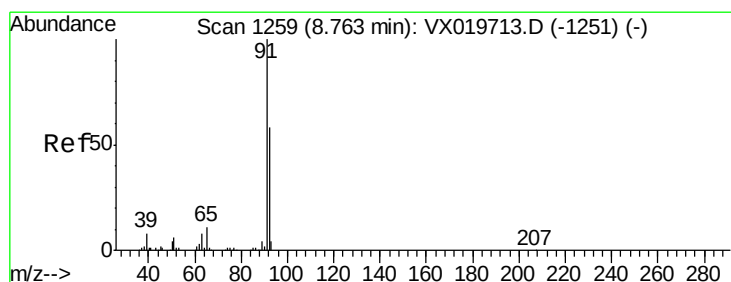
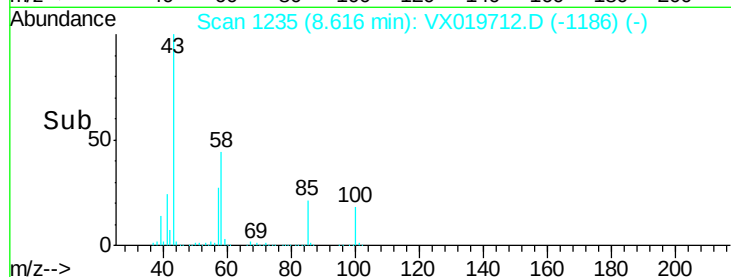
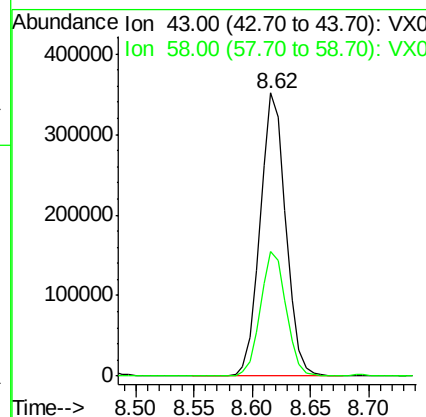
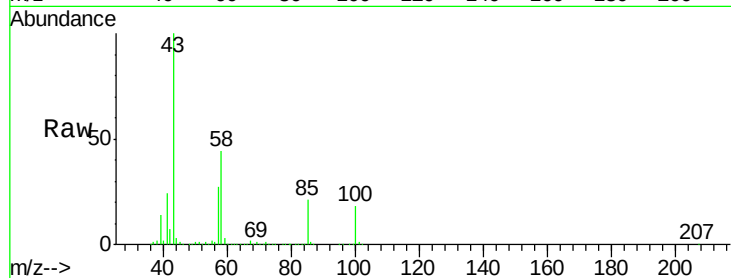
#51
4-Methyl-2-Pentanone
Concen: 102.106 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.2	35.4	53.0

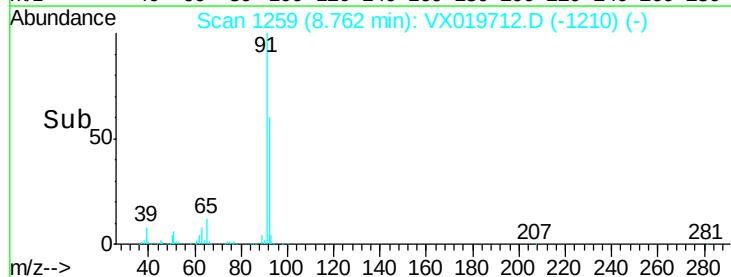
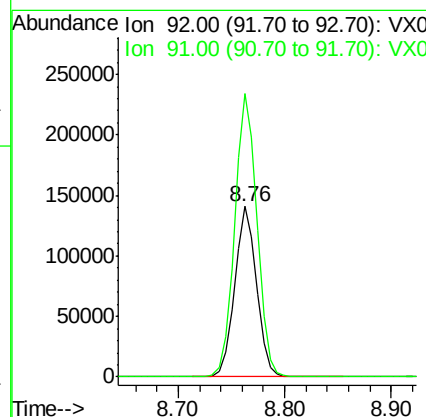
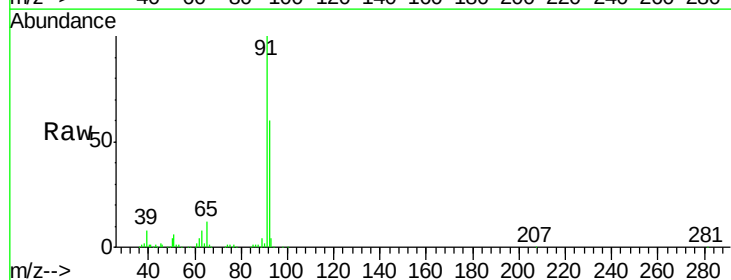
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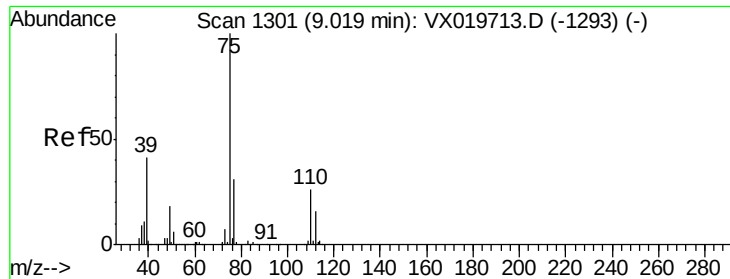
MMDadoda
12/7/2020 10:56:17 AM



#52
Toluene
Concen: 19.951 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.0	137.1	205.7





#53

t-1,3-Dichloropropene

Concen: 19.765 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 117958

Ion Ratio Lower Upper

75 100

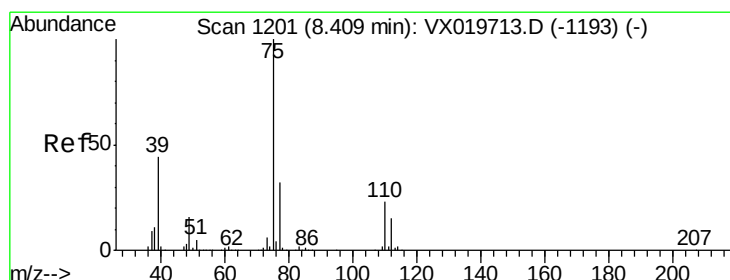
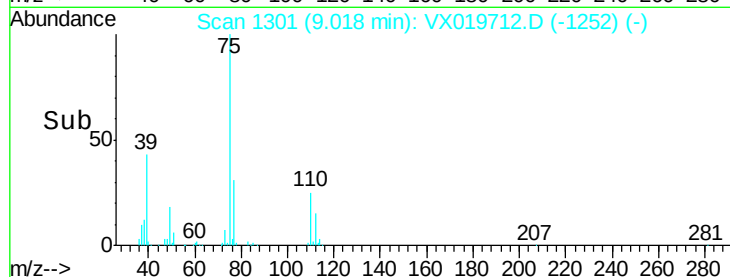
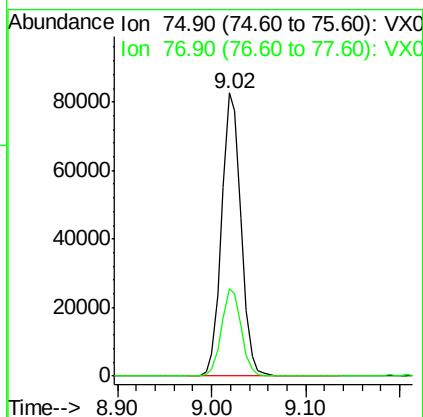
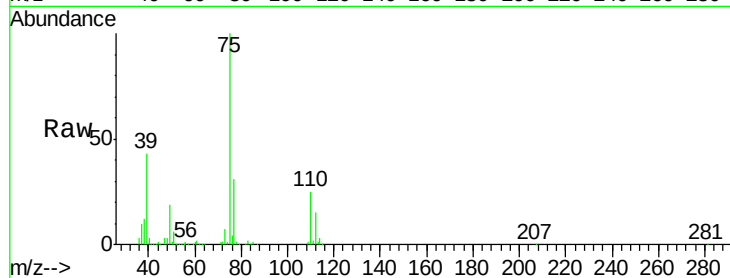
77 31.0 24.9 37.3

Manual Integrations

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MMDadoda

12/7/2020 10:56:17 AM



#54

cis-1,3-Dichloropropene

Concen: 19.935 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

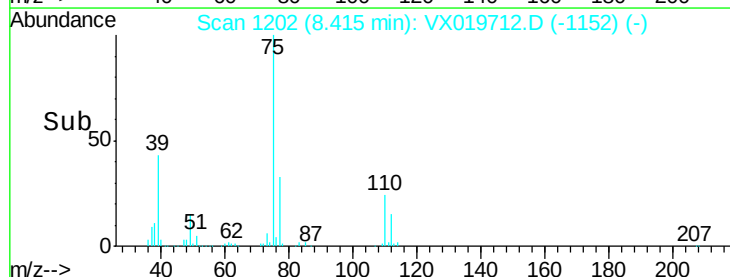
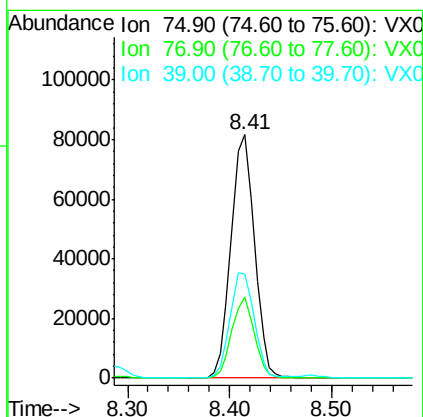
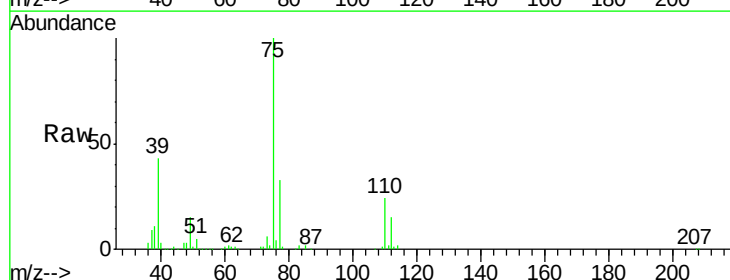
Tgt Ion: 75 Resp: 130047

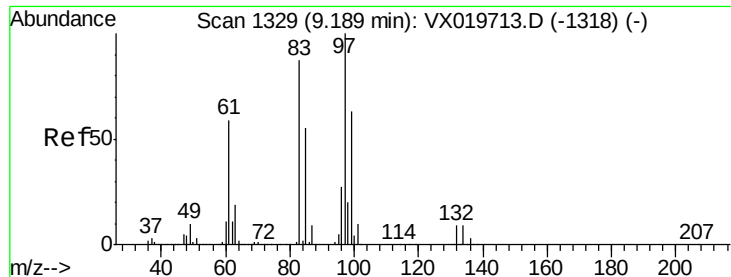
Ion Ratio Lower Upper

75 100

77 33.2 25.7 38.5

39 42.7 35.1 52.7





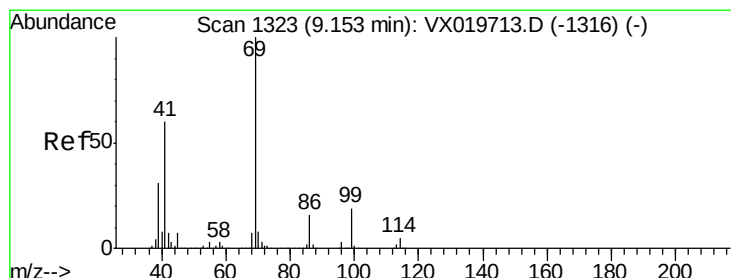
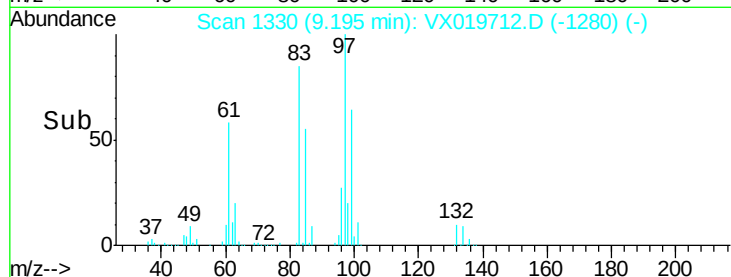
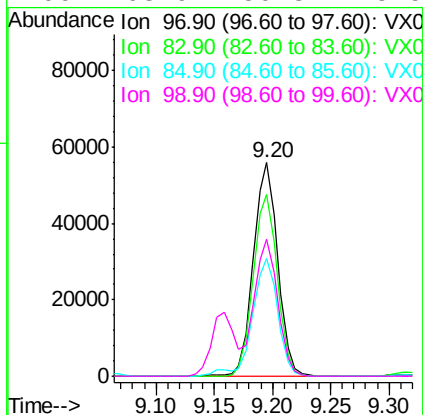
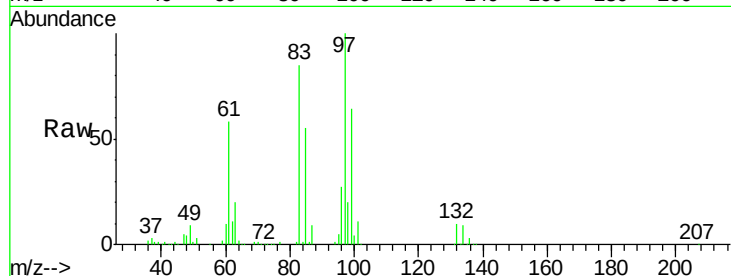
#55
 1,1,2-Trichloroethane
 Concen: 19.911 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	81598
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.3	103.9
85	55.4	44.3	66.5
99	63.9	50.3	75.5

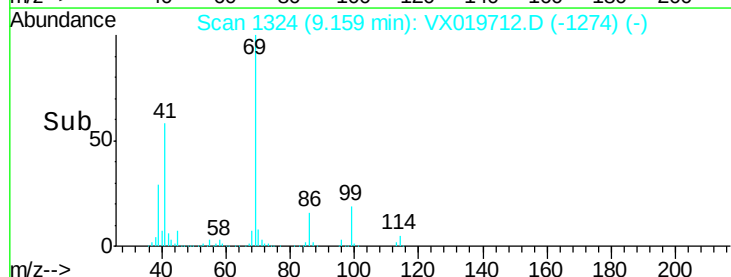
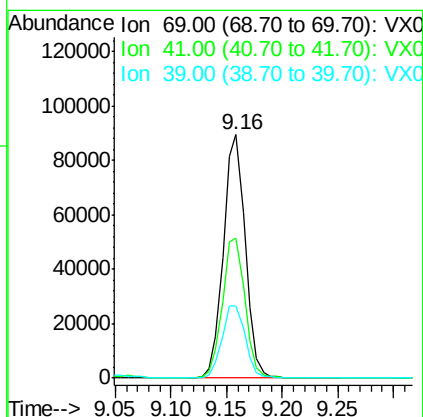
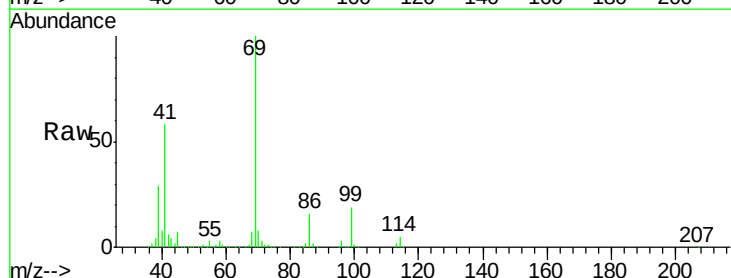
Manual Integrations
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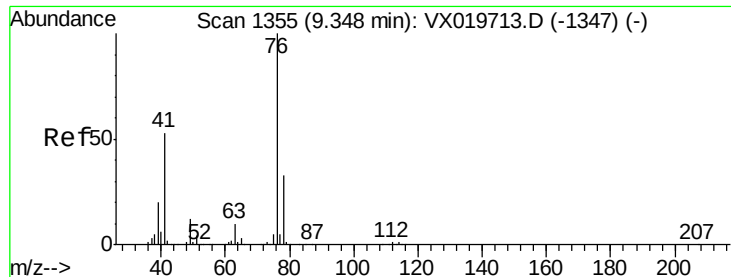
MMDadoda
 12/7/2020 10:56:17 AM



#56
 Ethyl methacrylate
 Concen: 19.850 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion:	69	Resp:	122190
Ion	Ratio	Lower	Upper
69	100		
41	59.2	46.8	70.2
39	31.3	24.7	37.1





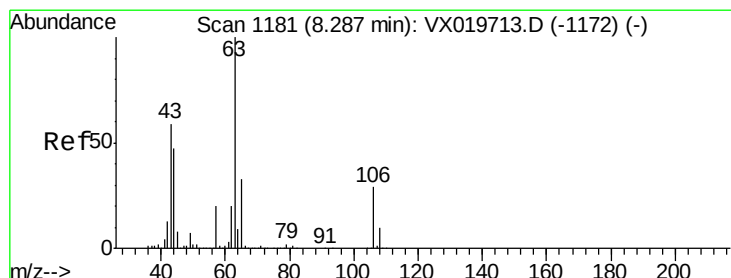
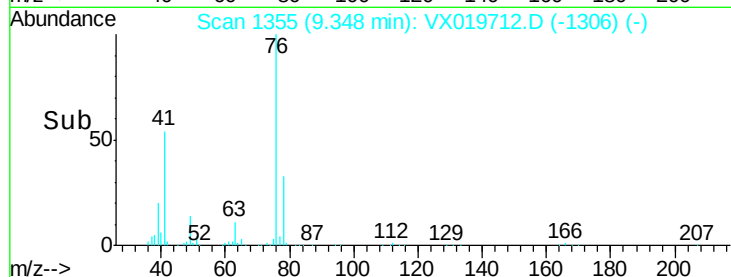
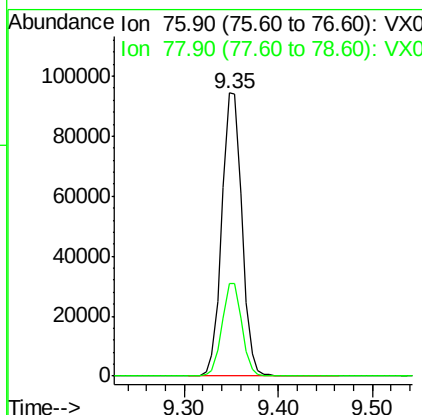
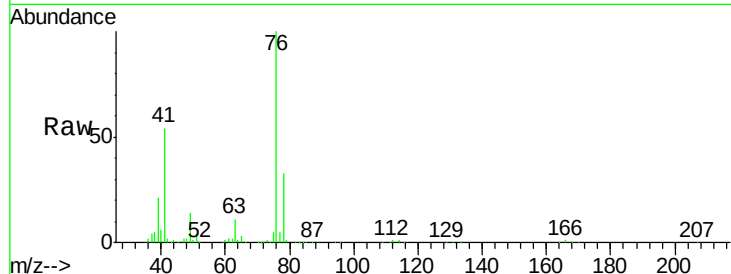
#57
 1,3-Dichloropropane
 Concen: 20.076 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion: 76 Resp: 139233
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2

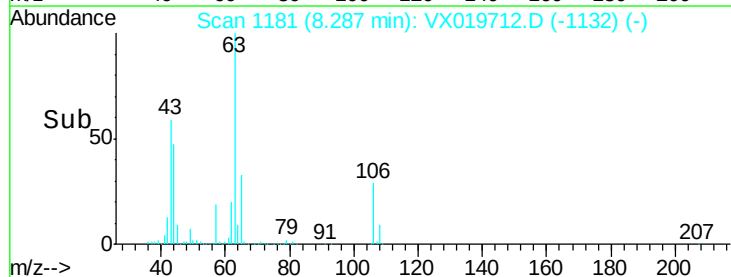
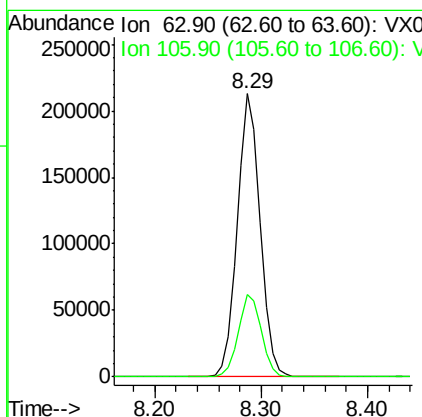
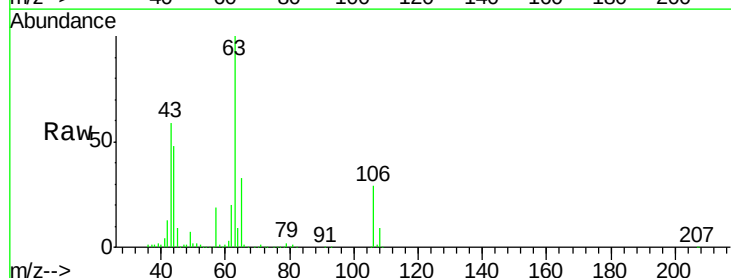
Manual Integrations
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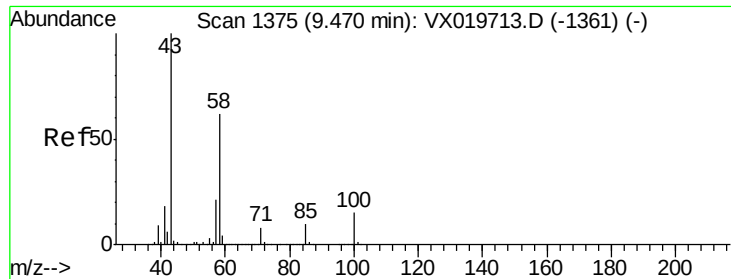
MMDadoda
 12/7/2020 10:56:17 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.544 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion: 63 Resp: 321033
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.5 35.3





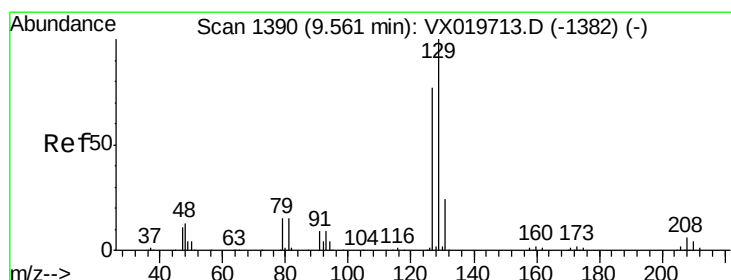
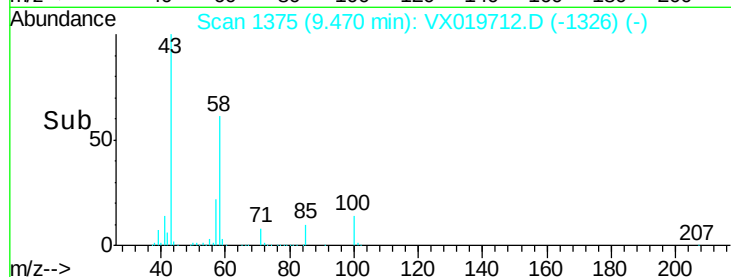
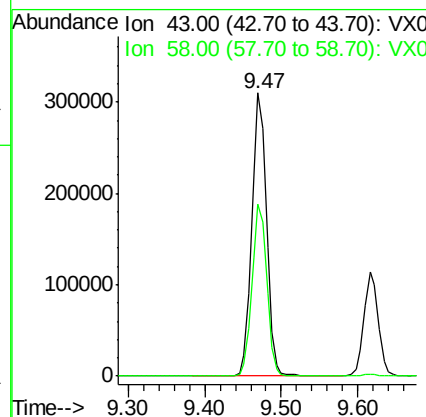
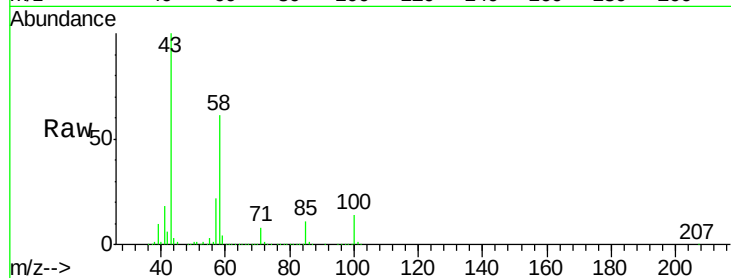
#59
2-Hexanone
Concen: 103.780 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.8	30.9	92.8

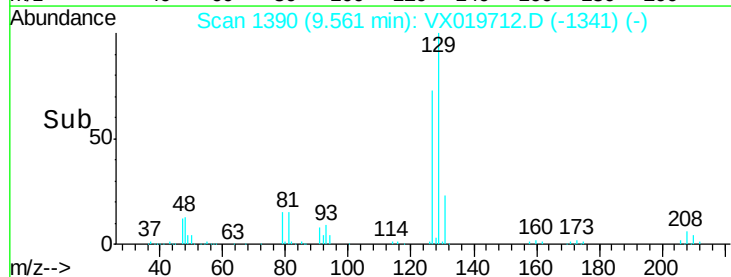
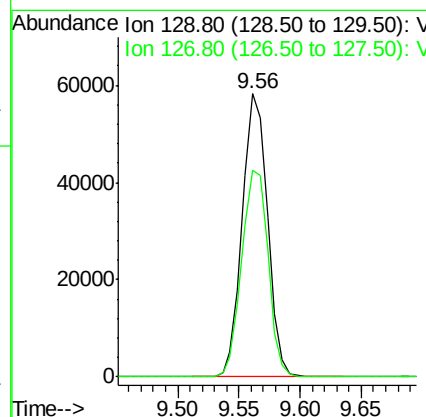
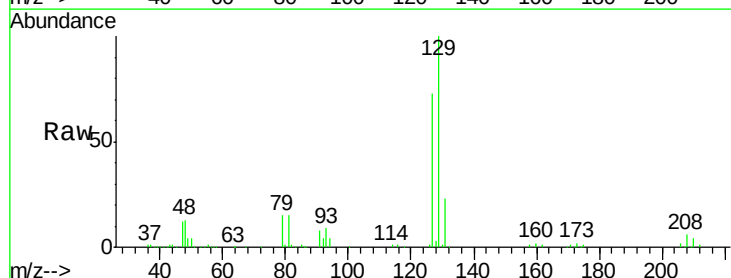
Manual Integrations
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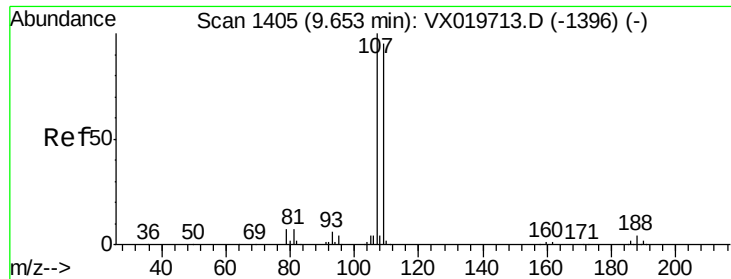
MMDadoda
12/7/2020 10:56:17 AM



#60
Dibromochloromethane
Concen: 19.778 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.4	115.2





#61

1,2-Dibromoethane

Concen: 20.369 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:107 Resp: 87684

Ion Ratio Lower Upper

107 100

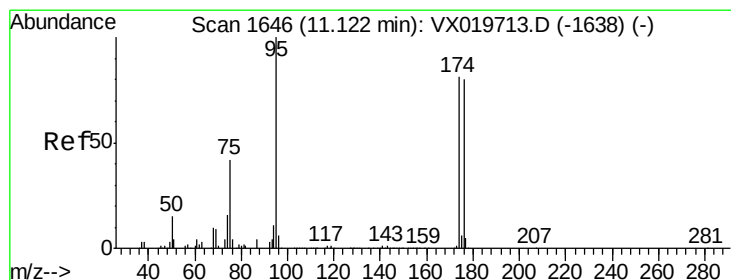
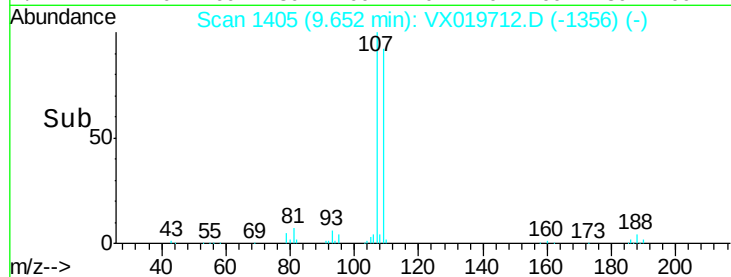
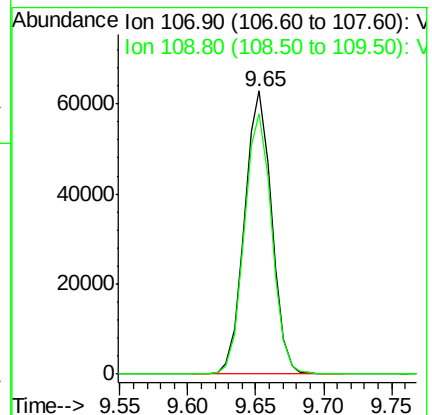
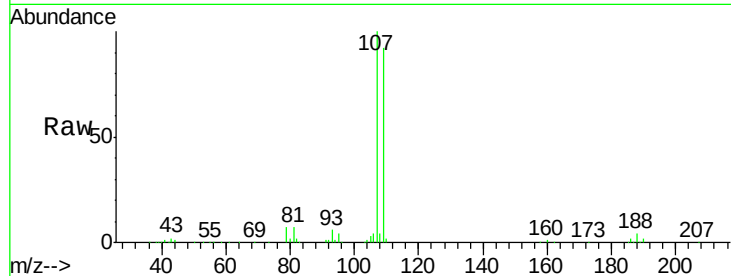
109 92.9 75.8 113.6

Manual Integrations

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12/7/2020 10:56:17 AM



#62

4-Bromofluorobenzene

Concen: 19.062 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

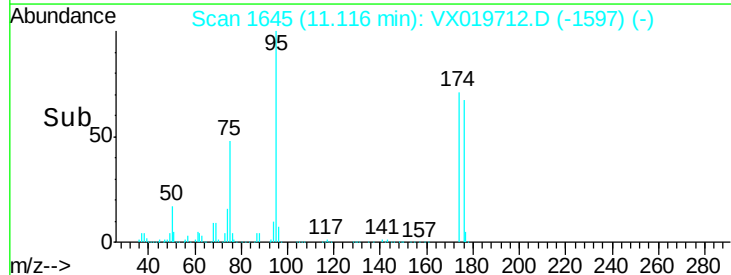
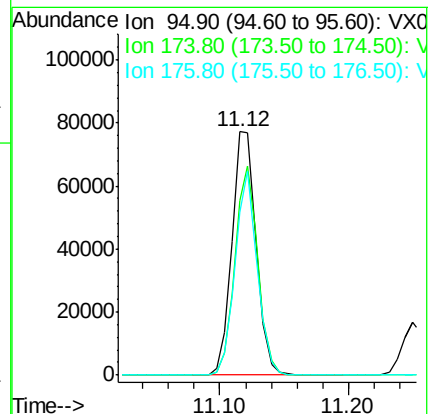
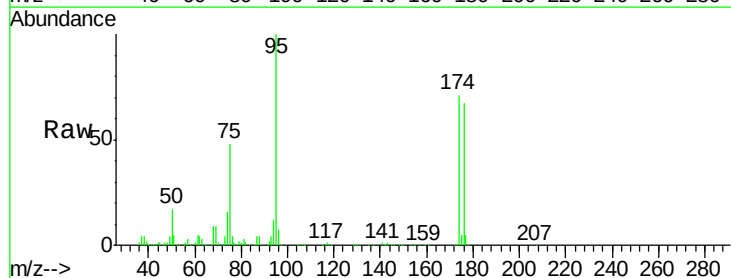
Tgt Ion: 95 Resp: 102209

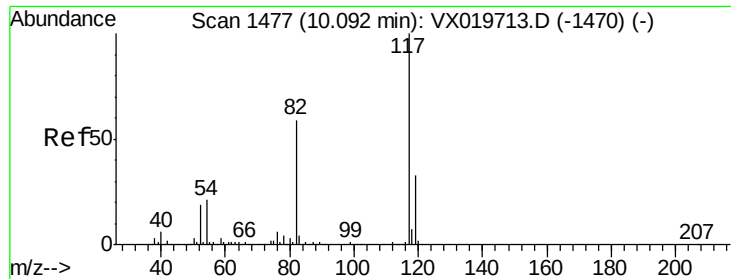
Ion Ratio Lower Upper

95 100

174 80.6 0.0 154.6

176 76.2 0.0 155.8





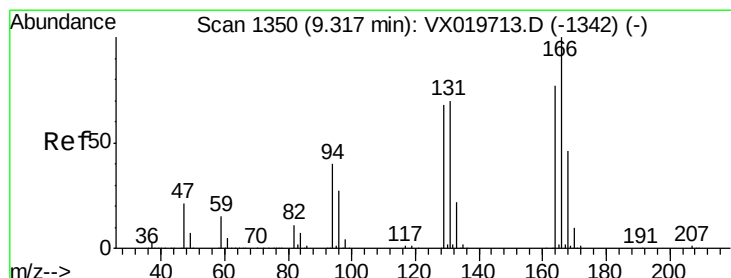
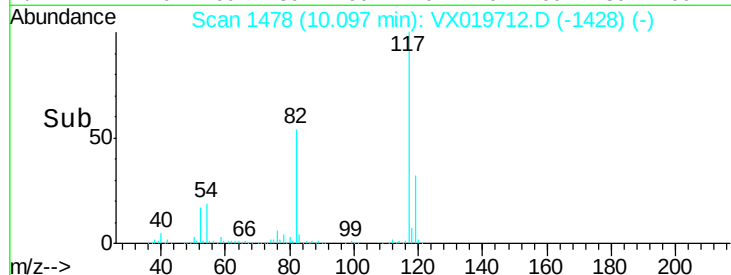
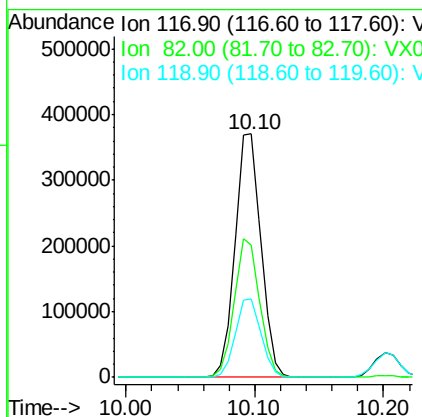
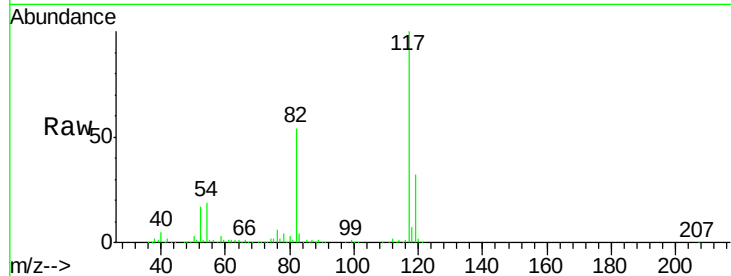
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	519930		
82	54.4		47.4	71.2
119	32.4		26.6	39.8

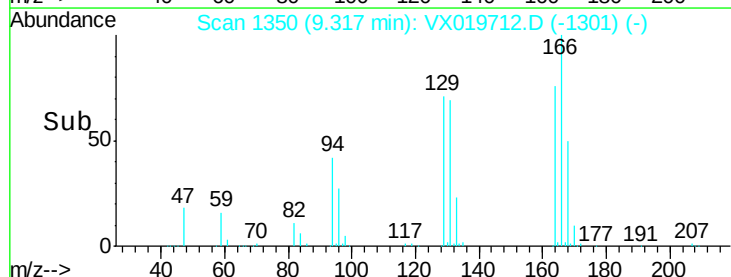
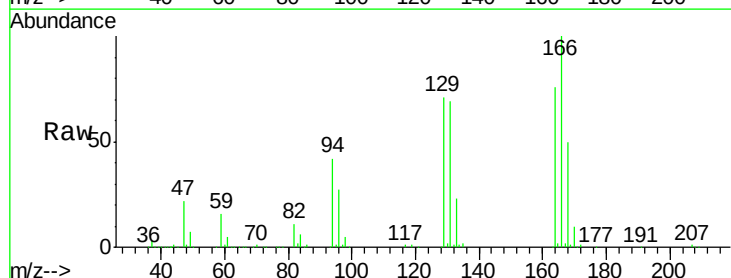
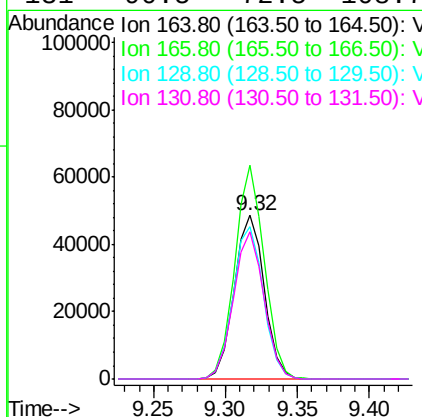
Manual Integrations
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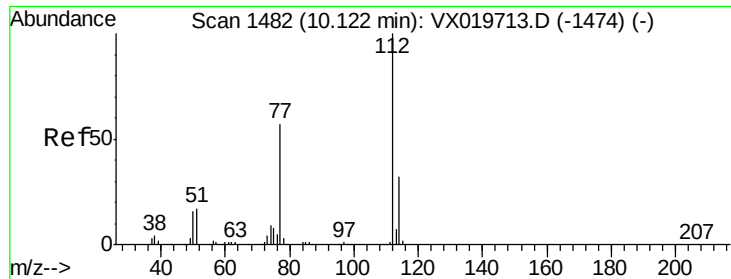
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#64
Tetrachloroethene
Concen: 19.738 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	70867		
166	130.8		103.4	155.2
129	93.1		70.8	106.2
131	90.5		72.5	108.7





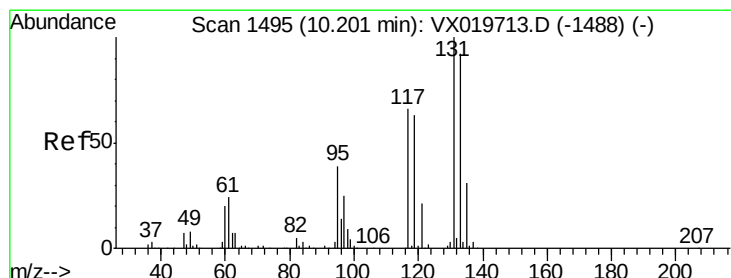
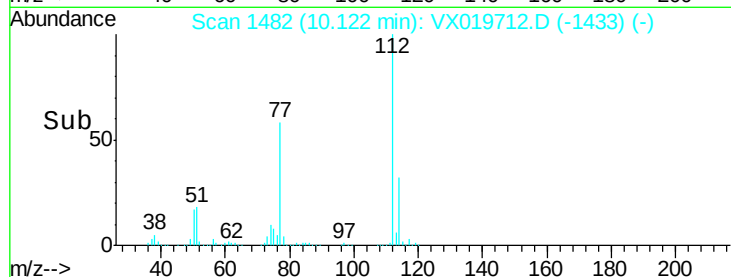
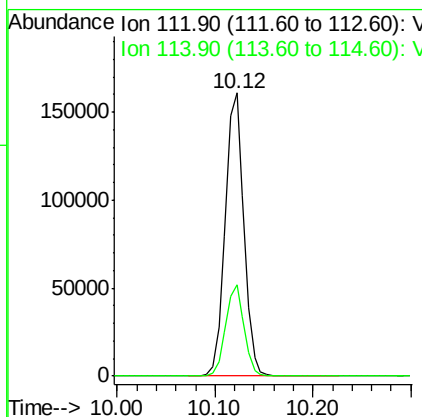
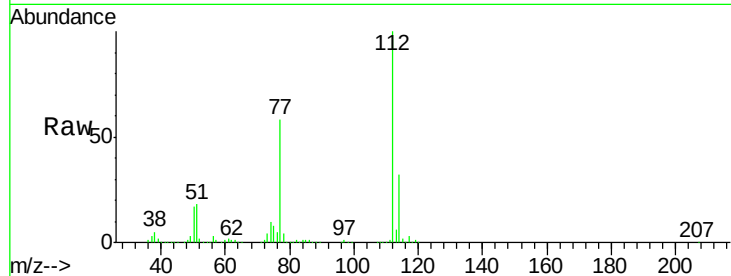
#65
Chlorobenzene
Concen: 19.670 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.6

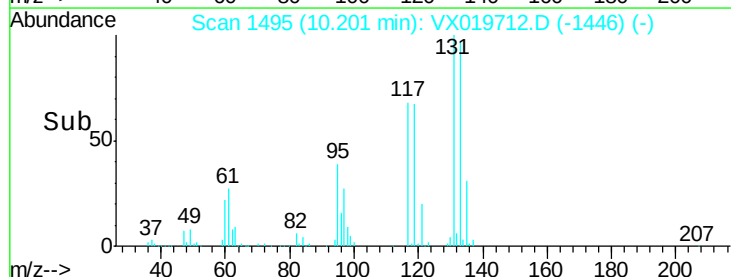
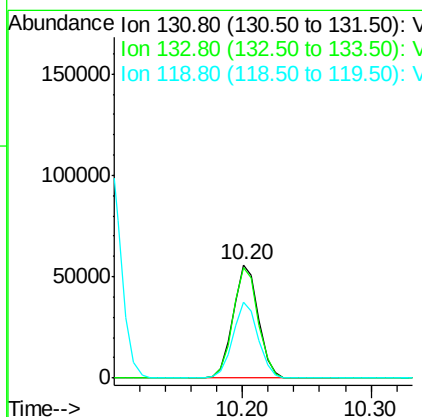
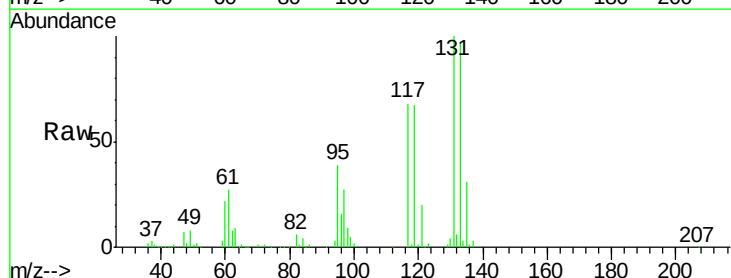
Manual Integrations
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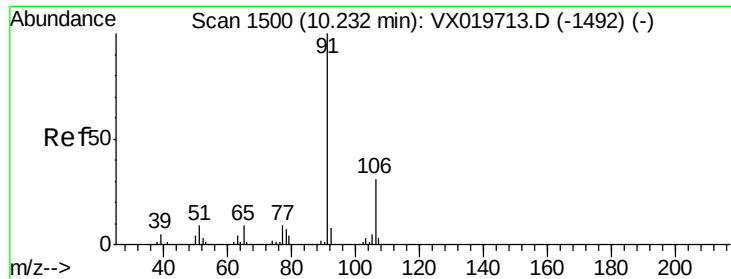
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.528 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	47.7	143.1
119	66.9	32.1	96.5





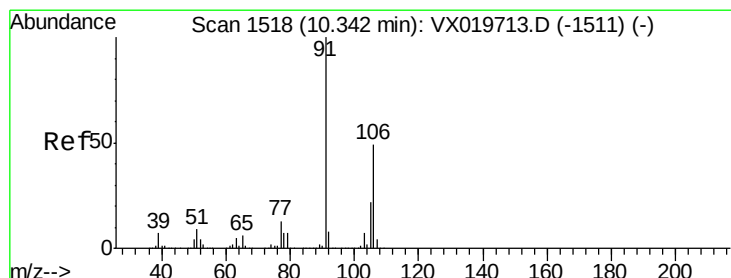
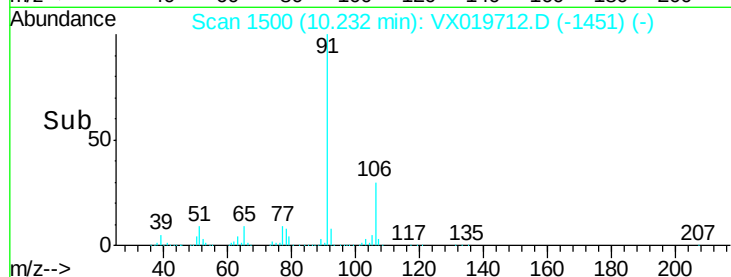
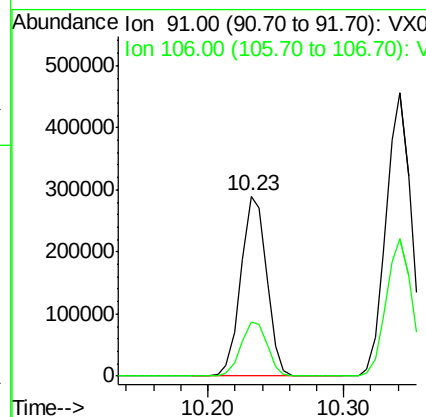
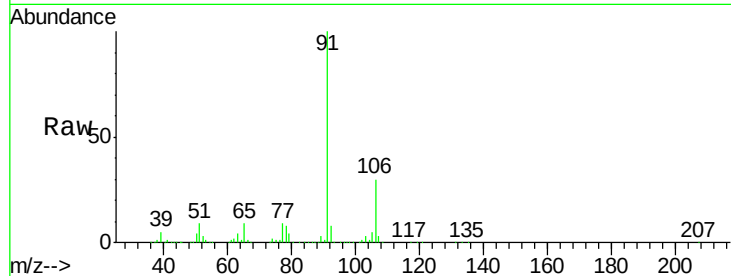
#67
Ethyl Benzene
Concen: 20.137 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 91 Resp: 382818
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0

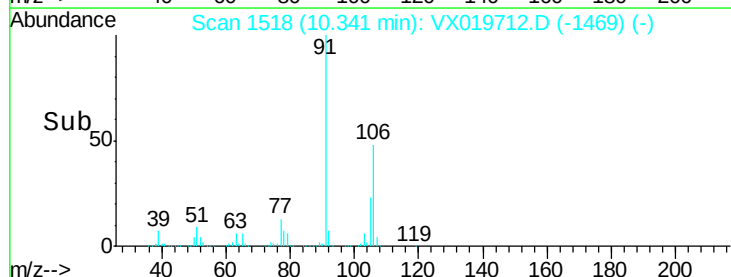
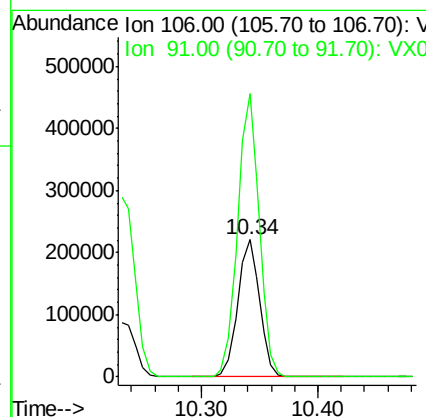
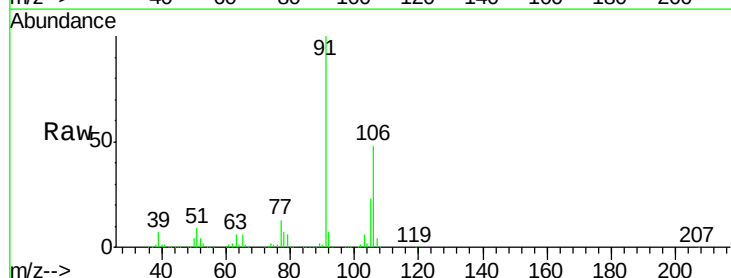
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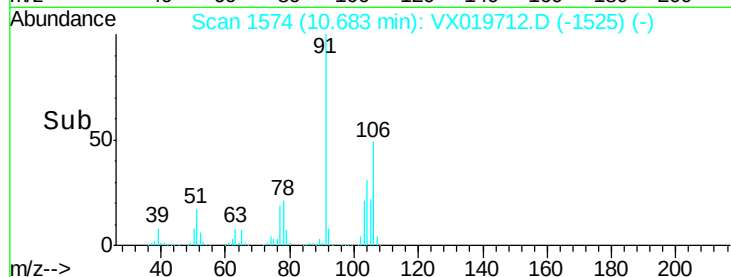
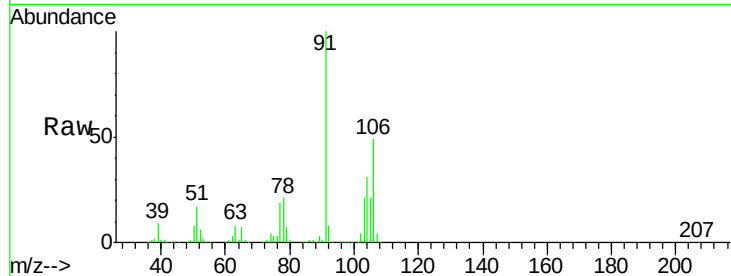
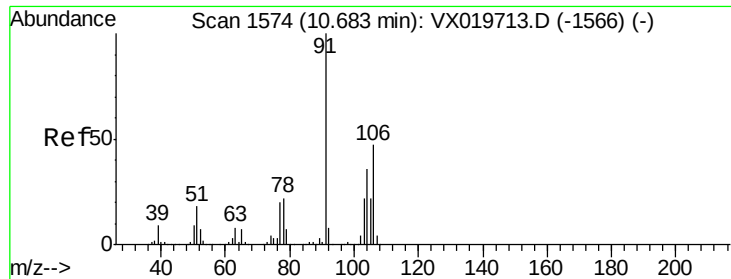
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#68
m/p-Xylenes
Concen: 40.616 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 106 Resp: 288762
Ion Ratio Lower Upper
106 100
91 204.4 162.8 244.2





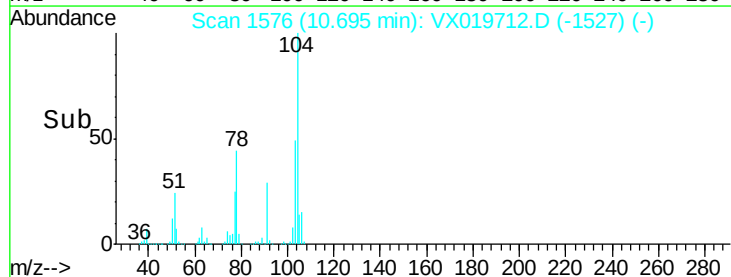
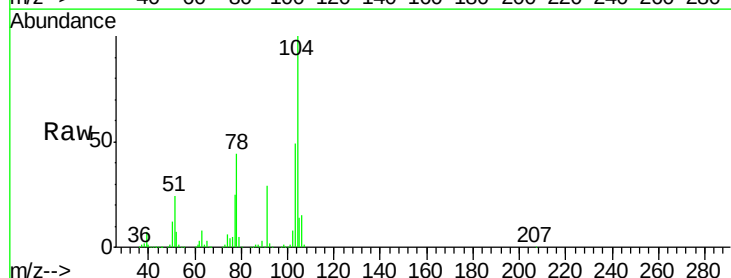
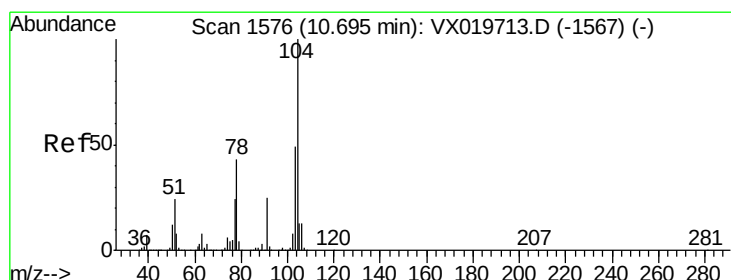
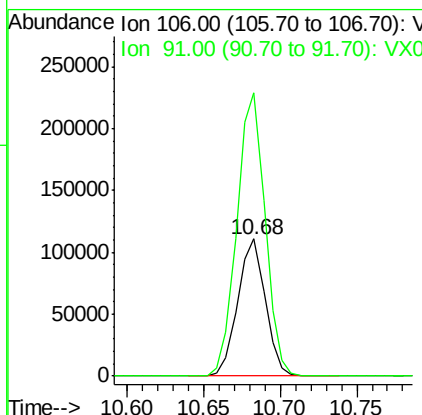
#69
o-Xylene
Concen: 20.089 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tot Ion:106 Resp: 138648
Ion Ratio Lower Upper
106 100
91 211.5 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

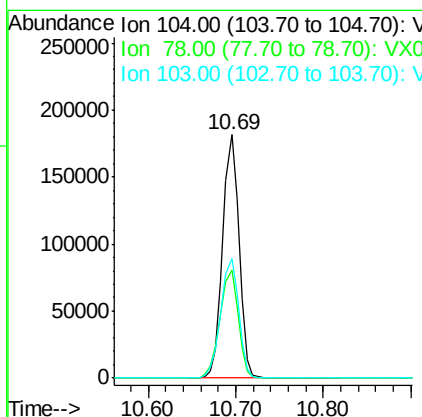
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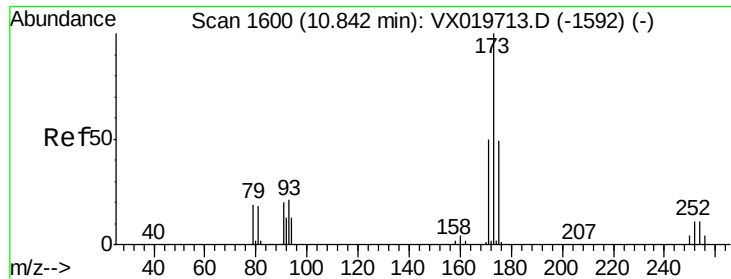
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#70
Styrene
Concen: 20.222 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion:104 Resp: 234088
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 54.3 43.4 65.0





#71

Bromoform

Concen: 19.535 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

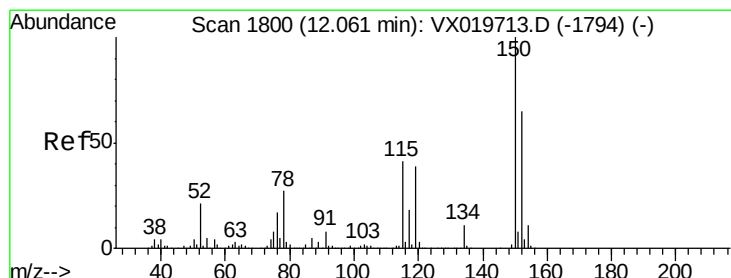
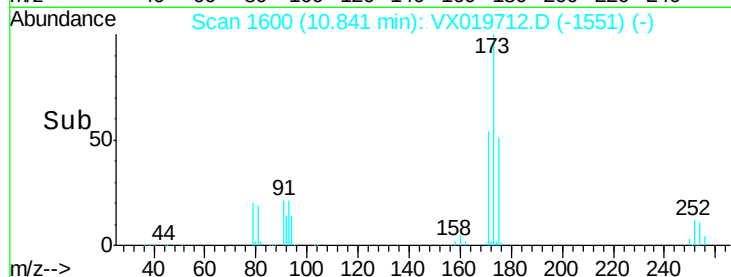
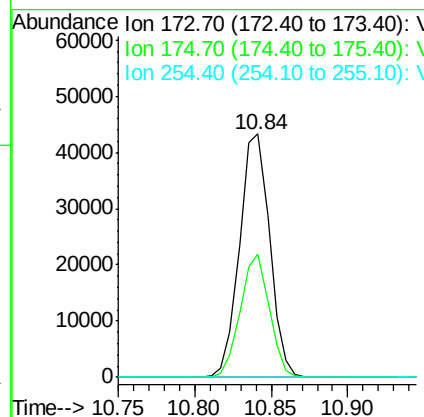
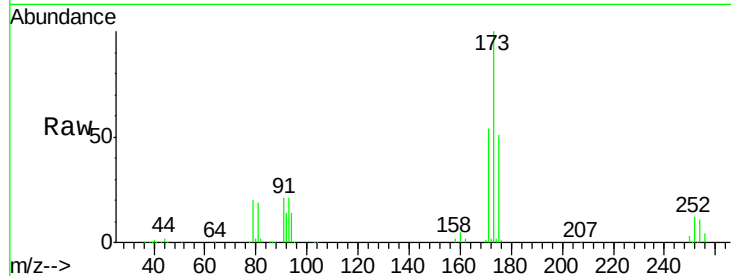
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.9	71.8
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

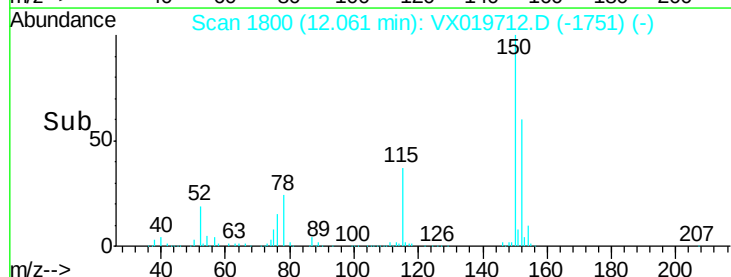
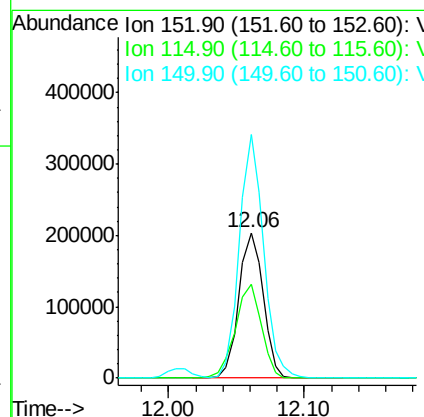
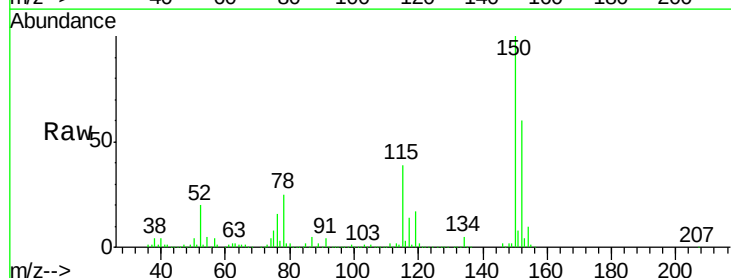
RT: 12.06 min Scan# 1800

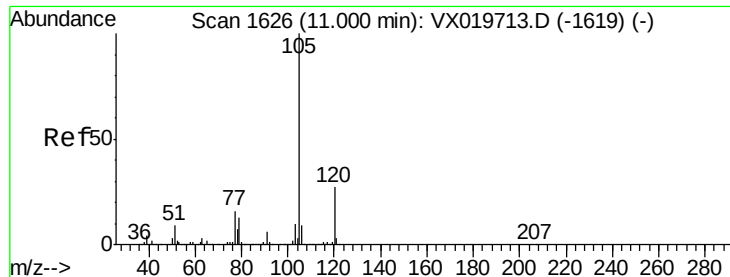
Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.2	41.1	123.3
150	166.7	0.0	349.0





#73

Isopropylbenzene

Concen: 20.767 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 367181

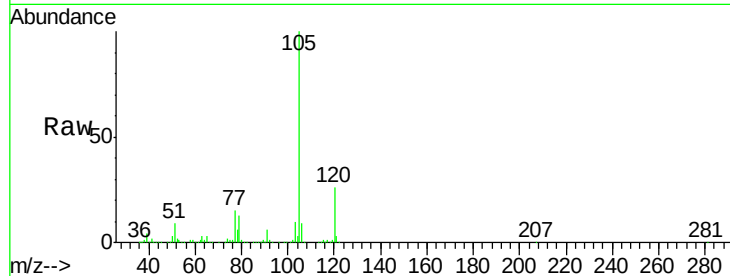
Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

200000

100000

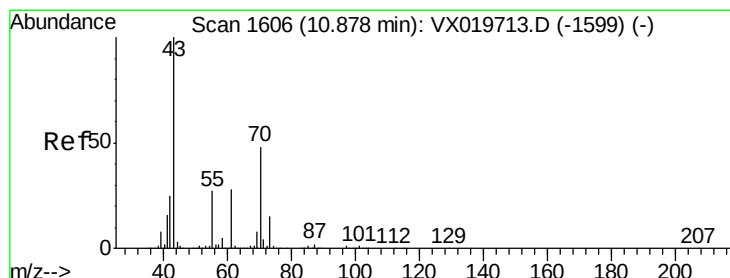
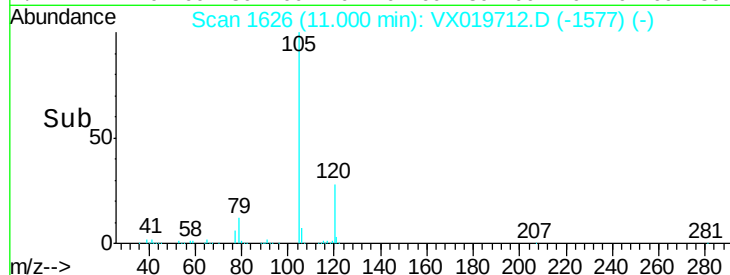
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.515 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion: 43 Resp: 145629

Ion Ratio Lower Upper

43 100

70 49.3 39.0 58.6

55 27.4 21.5 32.3

61 27.6 22.1 33.1

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

150000

100000

50000

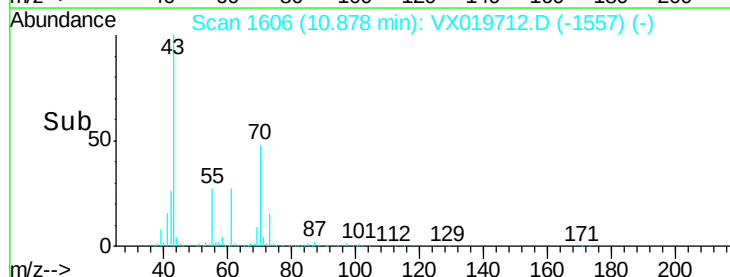
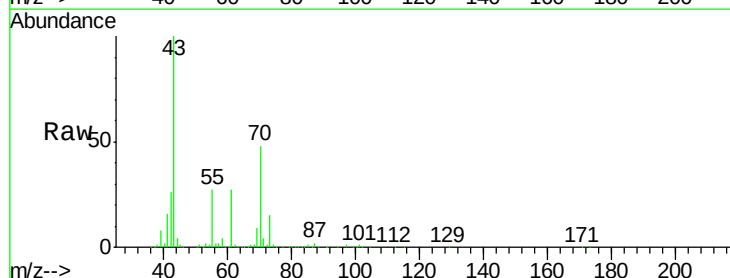
0

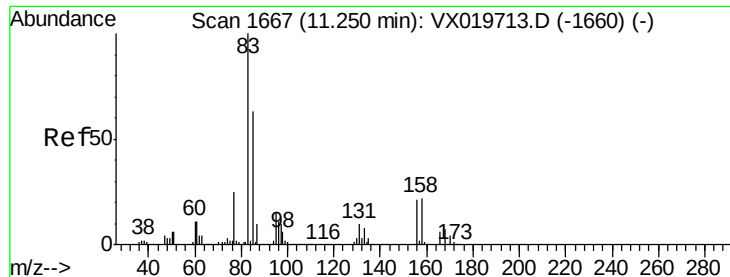
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.415 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

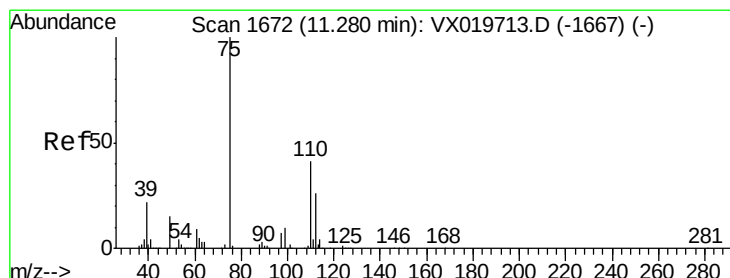
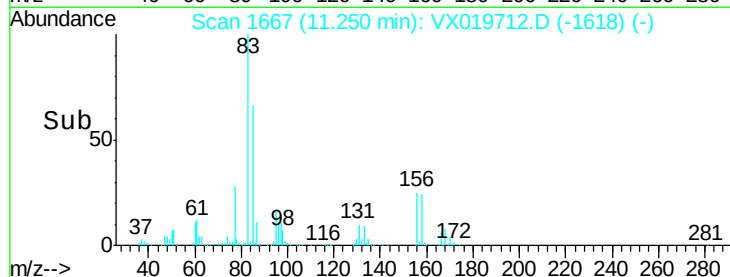
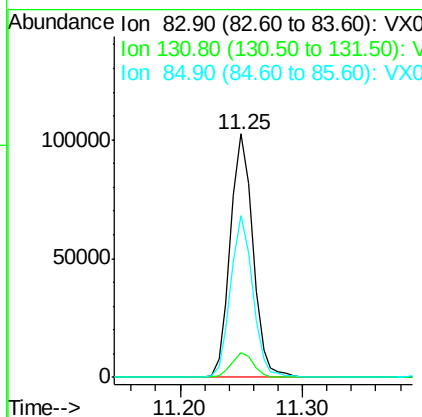
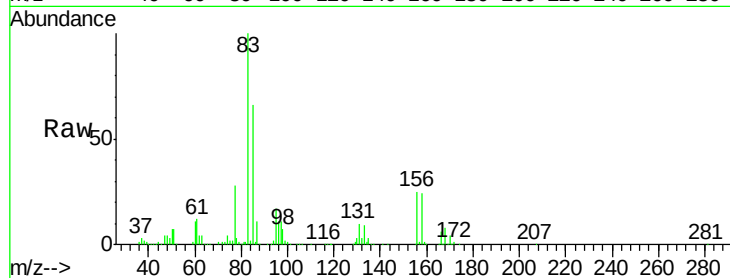
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	130710
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.2
85	65.1	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 20.718 ug/l m

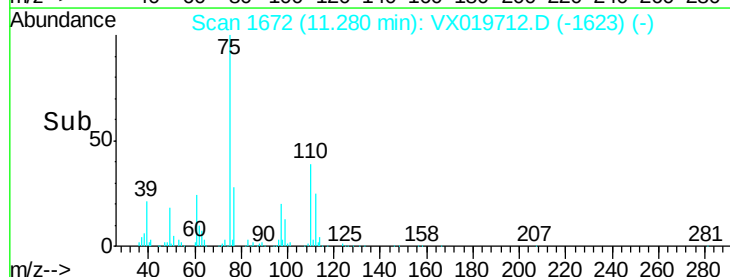
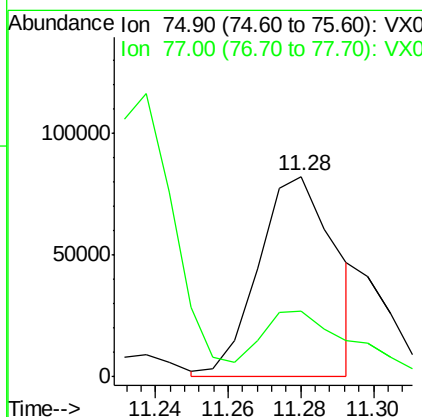
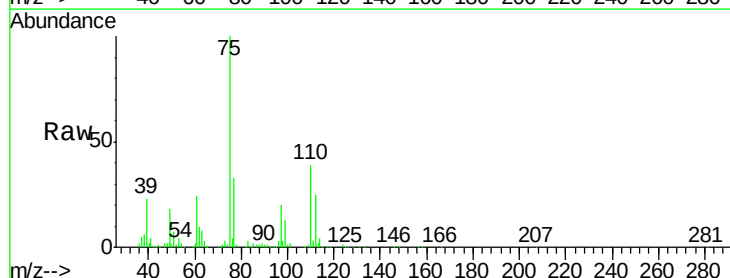
RT: 11.28 min Scan# 1672

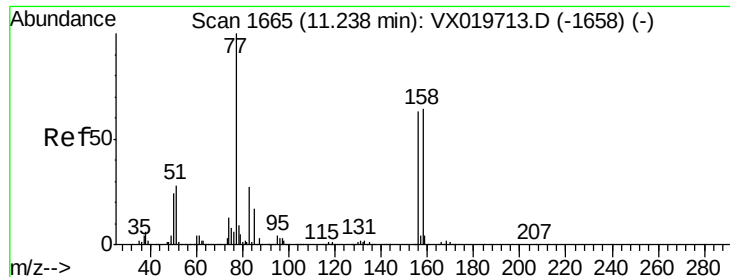
Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion:	75	Resp:	120554
Ion Ratio	Lower	Upper	
75	100		
77	38.9	19.1	57.5





#77

Bromobenzene

Concen: 20.412 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

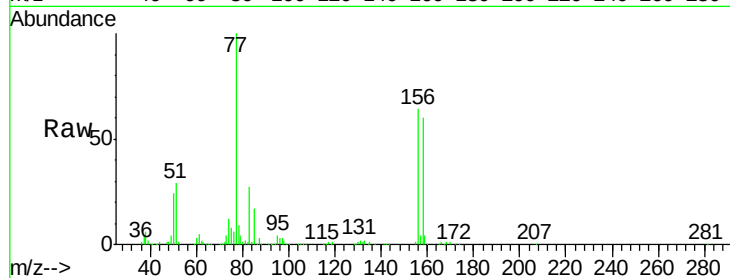
ClientSampleId :

VSTDIC020

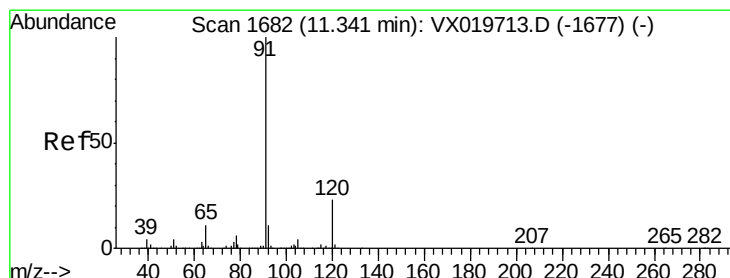
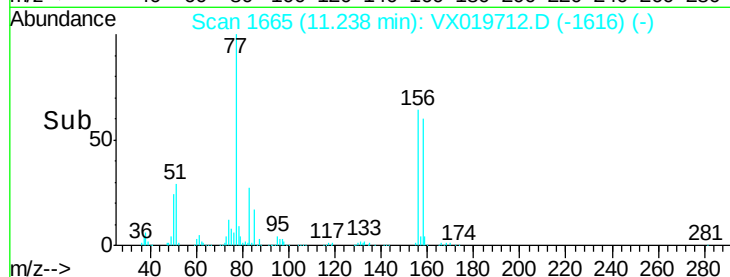
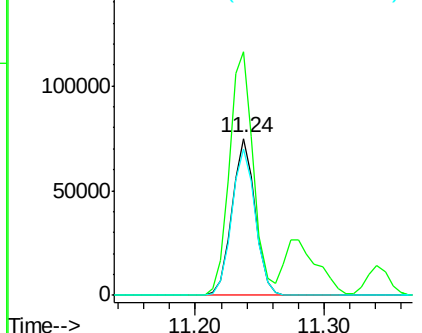
Tot Ion:	156	Resp:	93527
Ion Ratio	Lower	Upper	
156	100		
77	162.7	82.8	248.6
158	95.7	49.1	147.4

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.732 ug/l

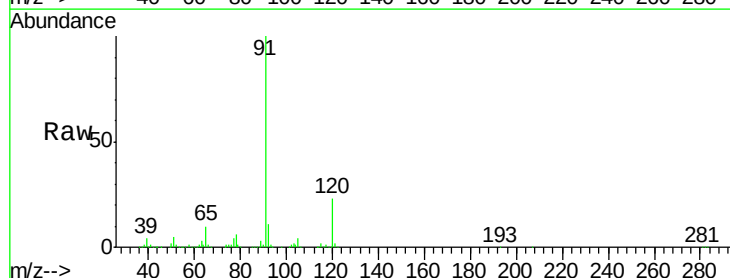
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

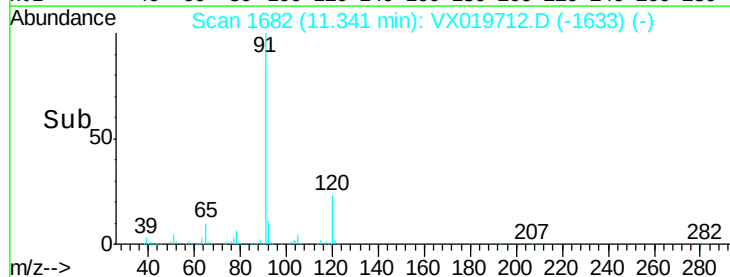
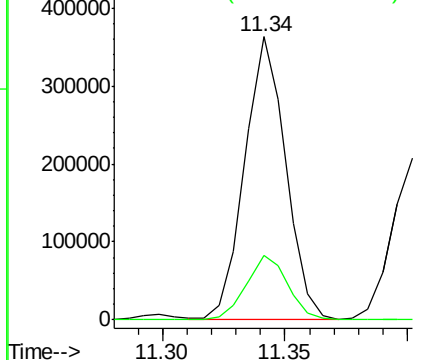
Lab File: VX019712.D

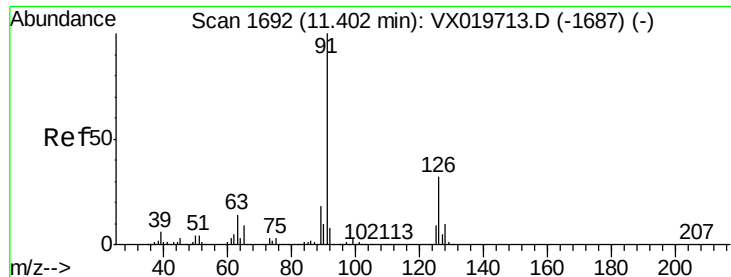
Acq: 04 Dec 2020 11:36

Tgt Ion:	91	Resp:	422597
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.573 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 255067

Ion Ratio Lower Upper

91 100

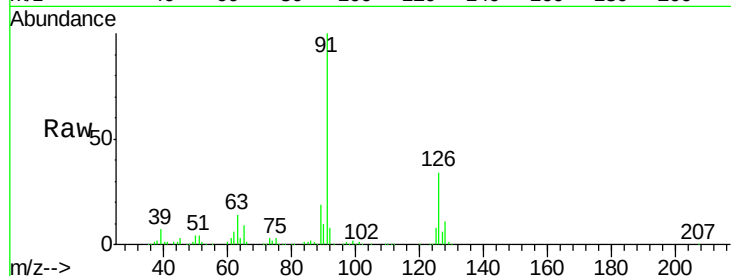
126 33.3 16.6 49.8

Manual Integrations

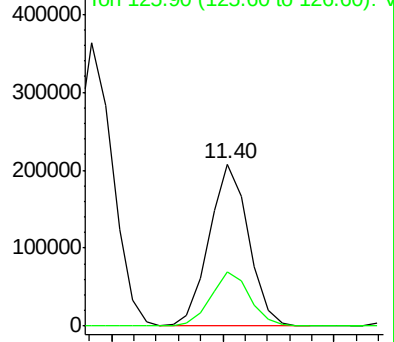
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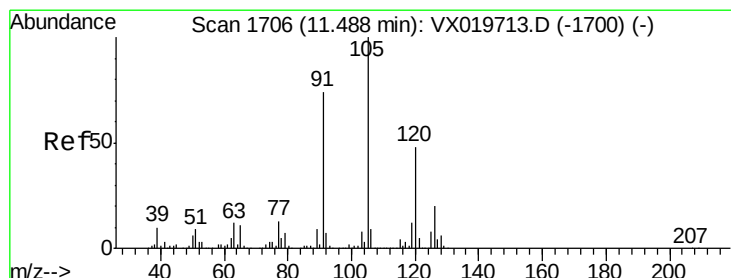
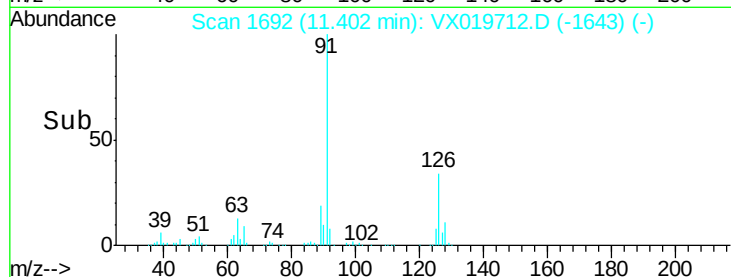
12/7/2020 10:56:17 AM



Abundance Ion 91.00 (90.70 to 91.70): VX019712.D (-1687) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.891 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019712.D

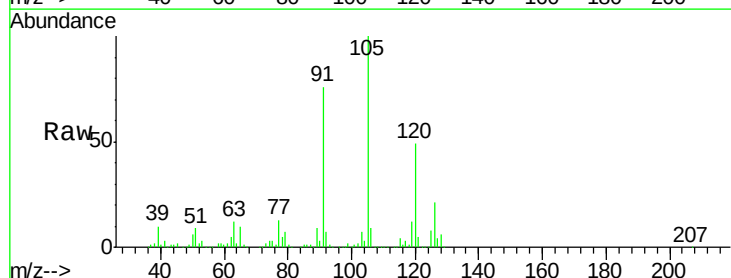
Acq: 04 Dec 2020 11:36

Tgt Ion: 105 Resp: 312386

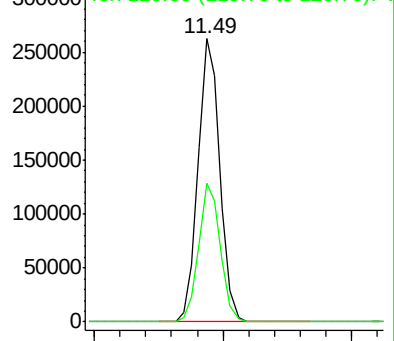
Ion Ratio Lower Upper

105 100

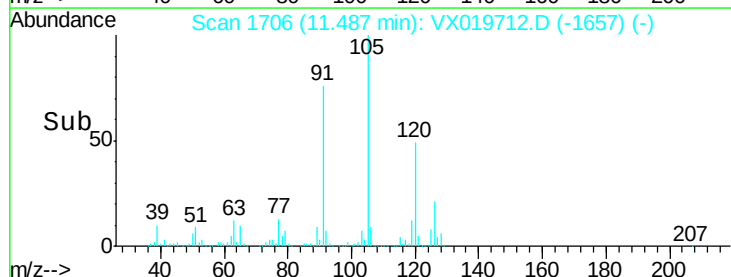
120 48.6 23.8 71.5

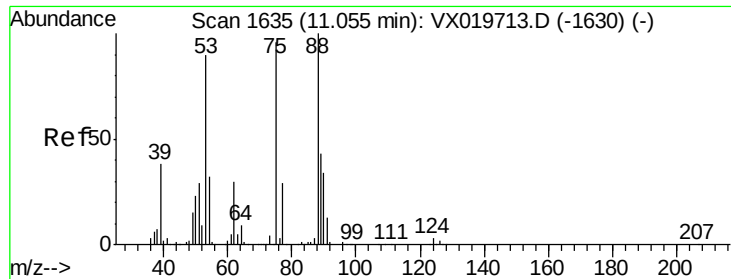


Abundance Ion 105.00 (104.70 to 105.70): VX019712.D (-1657) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.606 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

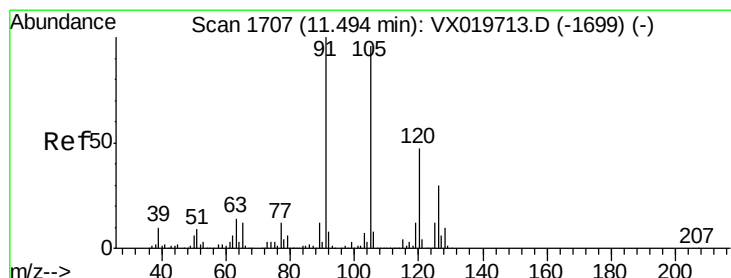
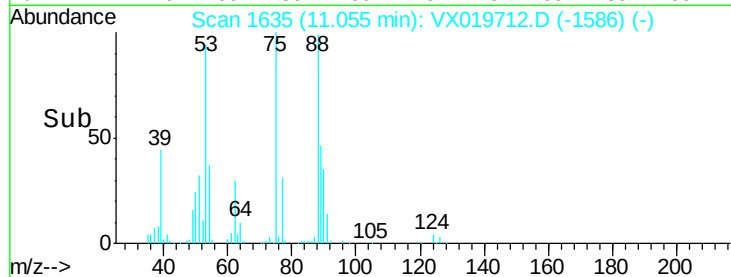
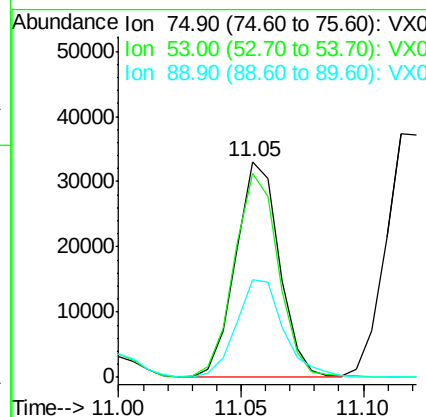
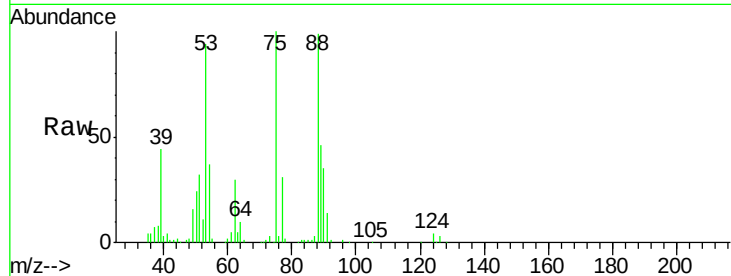
ClientSampleId :

VSTDIC020

Tot Ion:	75	Resp:	40786
Ion	Ratio	Lower	Upper
75	100		
53	95.9	74.5	111.7
89	49.8	37.9	56.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.579 ug/l

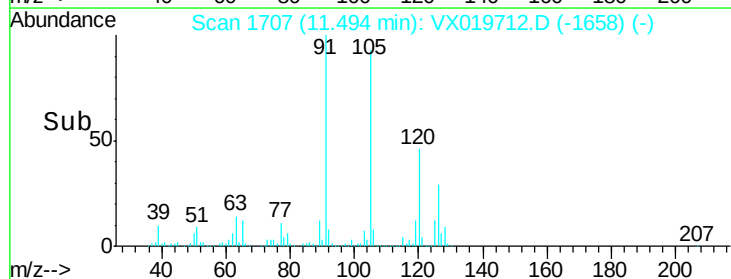
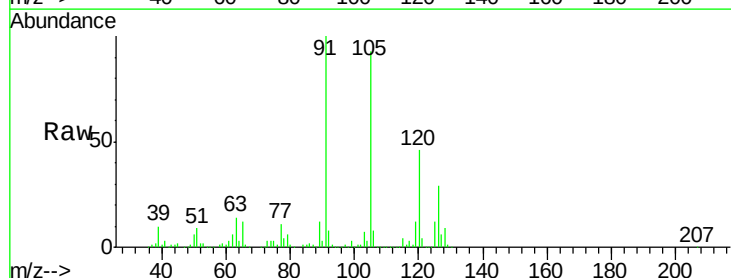
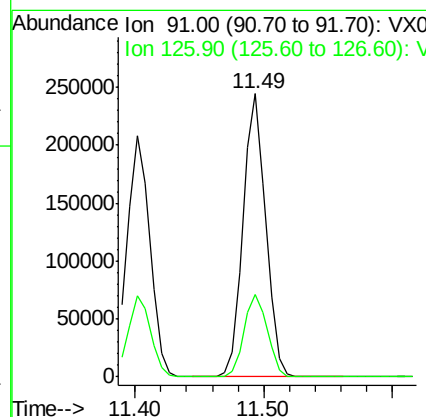
RT: 11.49 min Scan# 1707

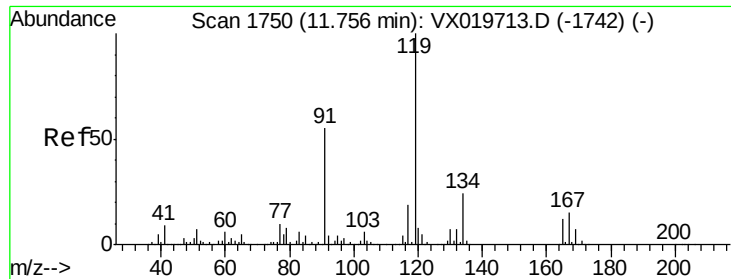
Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion:	91	Resp:	297419
Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.9	44.5





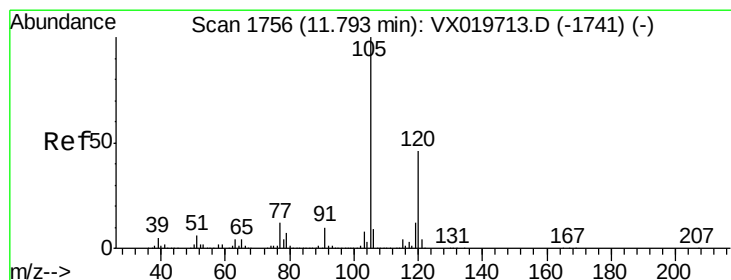
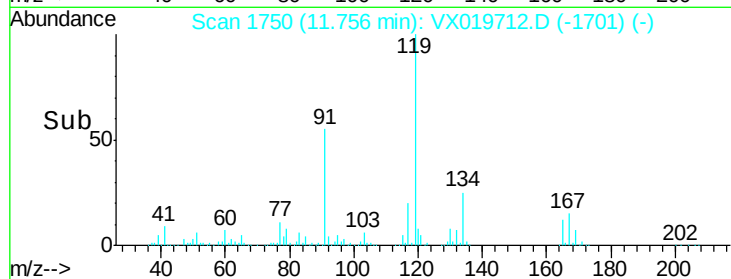
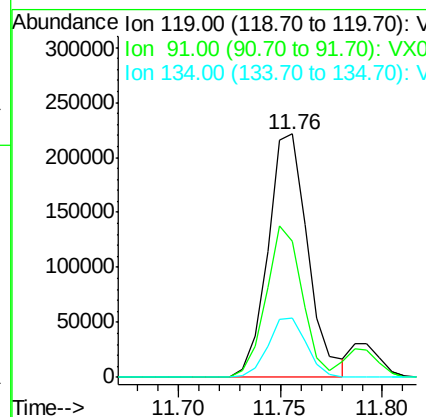
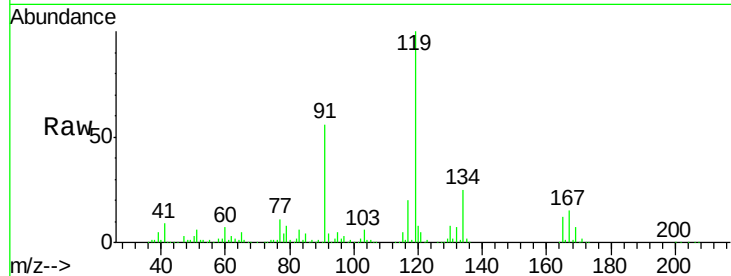
#83
 tert-Butylbenzene
 Concen: 20.370 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.7	27.9	83.7
134	23.5	11.3	33.9

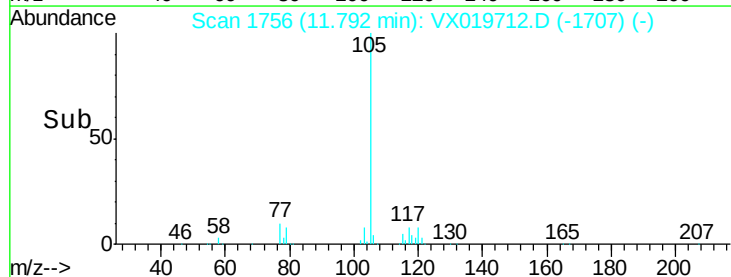
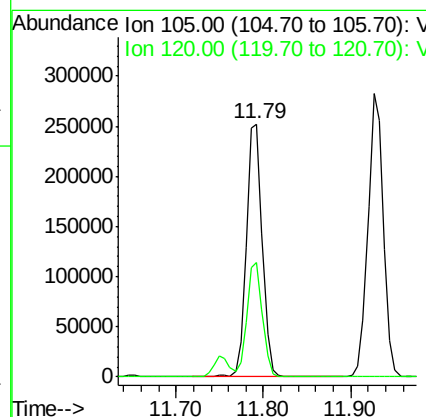
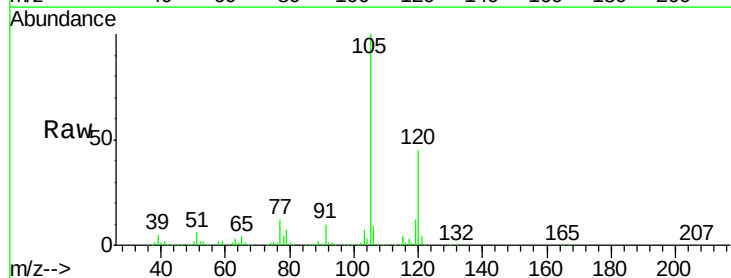
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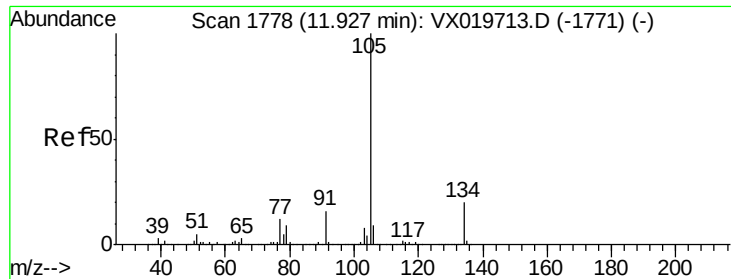
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.142 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.4	67.3





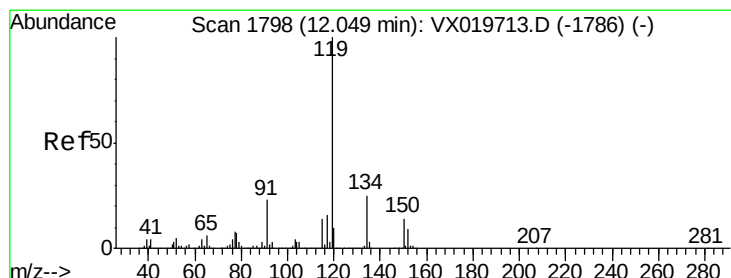
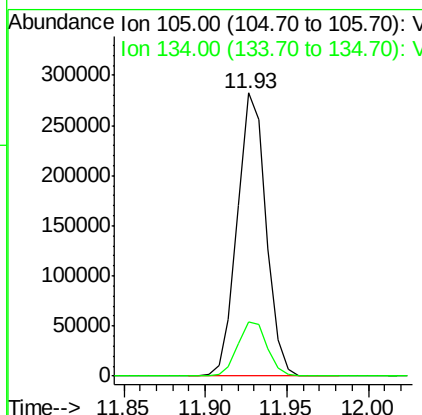
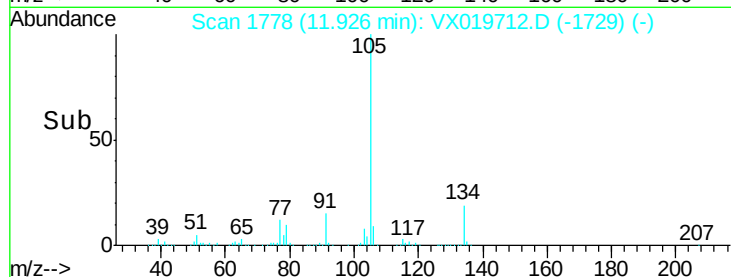
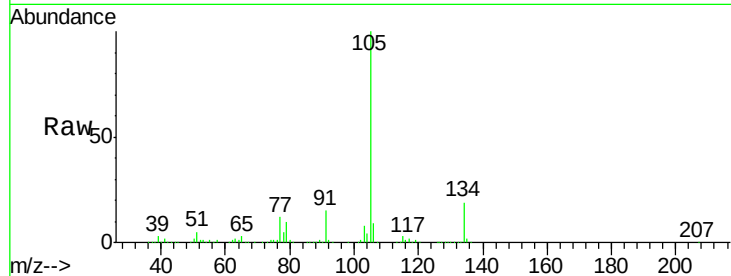
#85
 sec-Butylbenzene
 Concen: 20.623 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.0	29.8

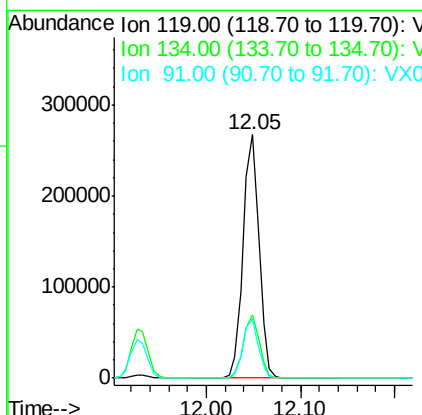
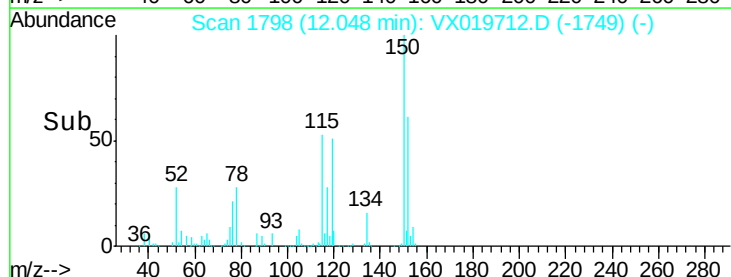
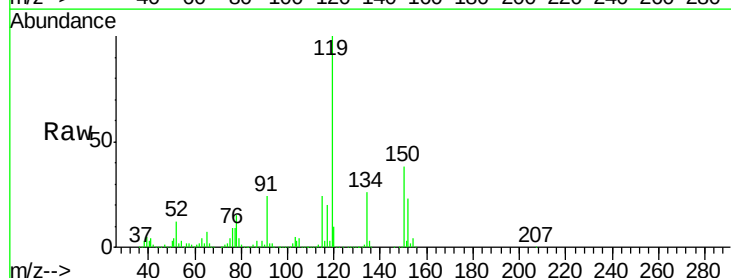
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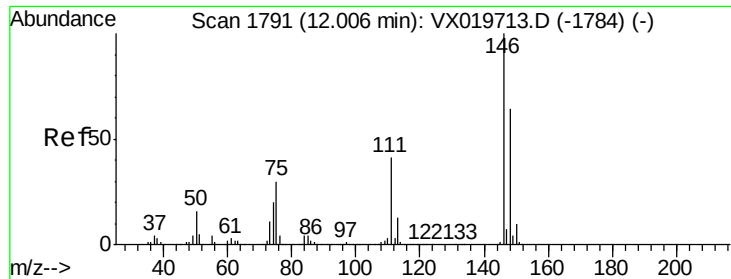
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#86
 p-Isopropyltoluene
 Concen: 20.319 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	23.9	11.7	35.0





#87

1,3-Dichlorobenzene

Concen: 20.018 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

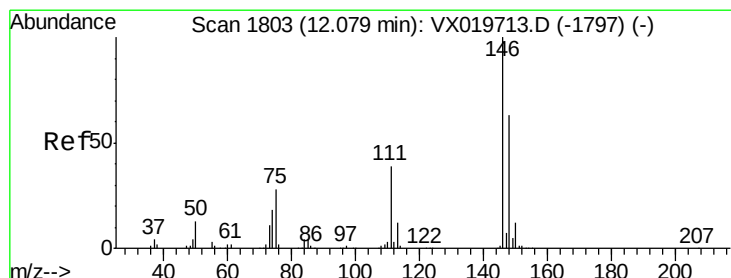
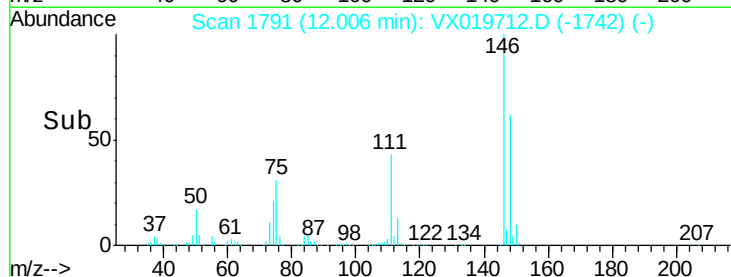
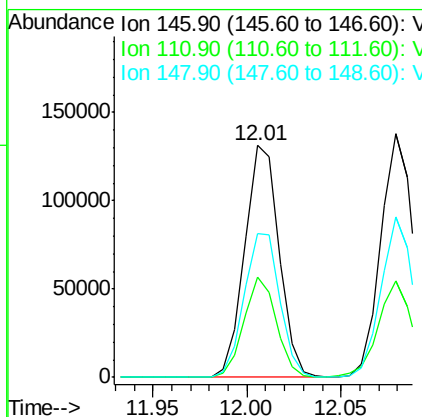
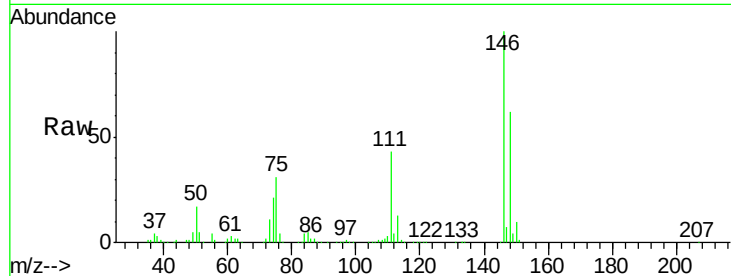
ClientSampleId :

VSTDIC020

Tot Ion:	146	Resp:	166888
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.2	60.5
148	64.0	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.670 ug/l

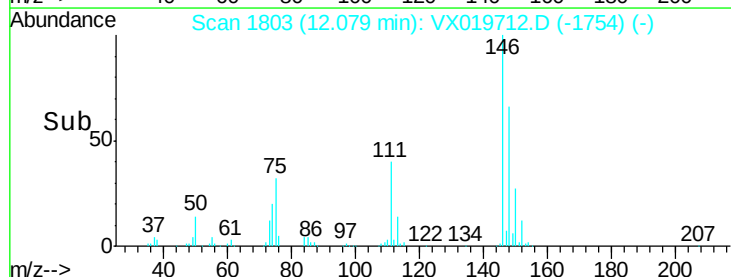
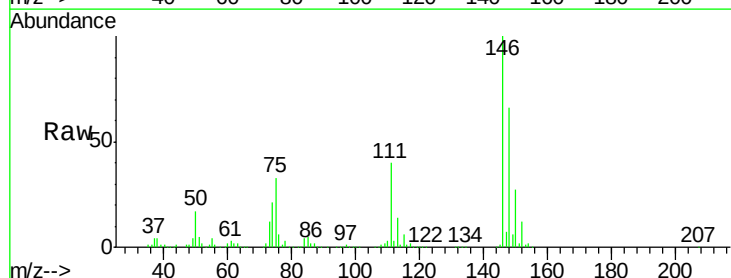
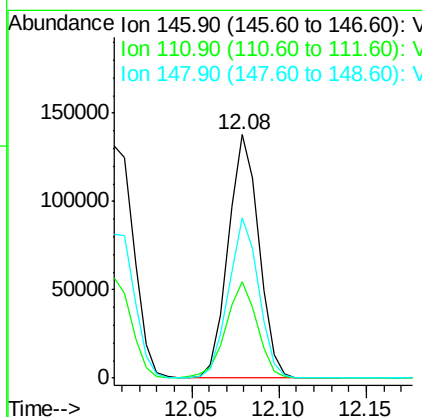
RT: 12.08 min Scan# 1803

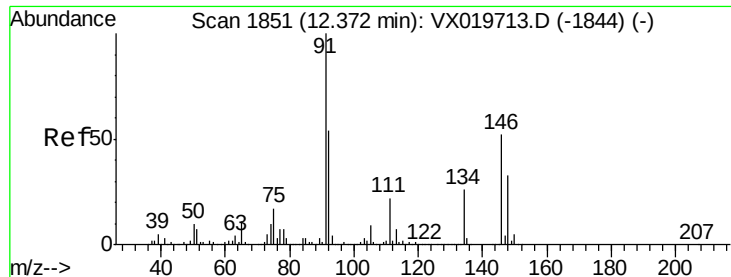
Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion:	146	Resp:	167516
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.6	58.8
148	65.2	31.6	95.0





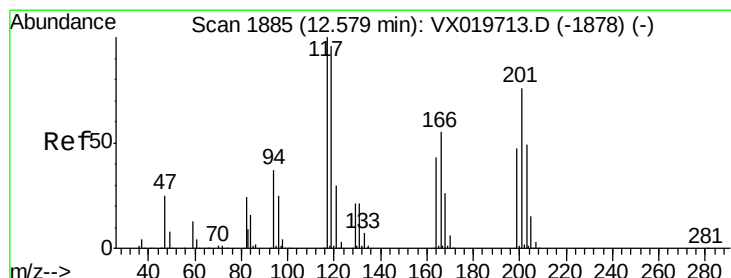
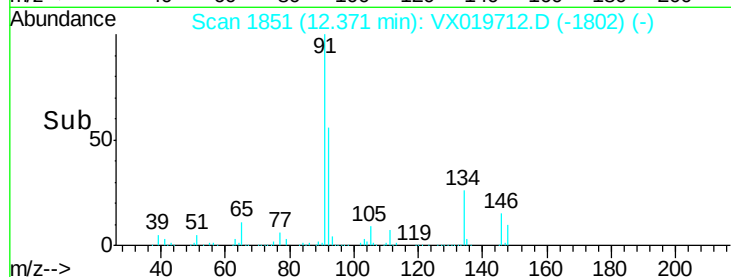
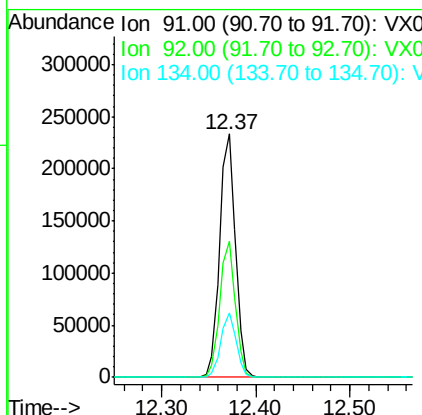
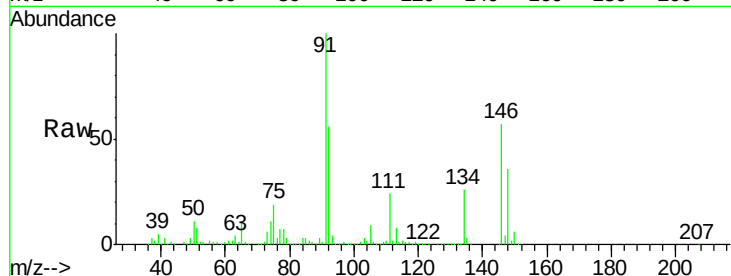
#89
n-Butylbenzene
Concen: 20.018 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.4	82.0
134	25.6	13.2	39.5

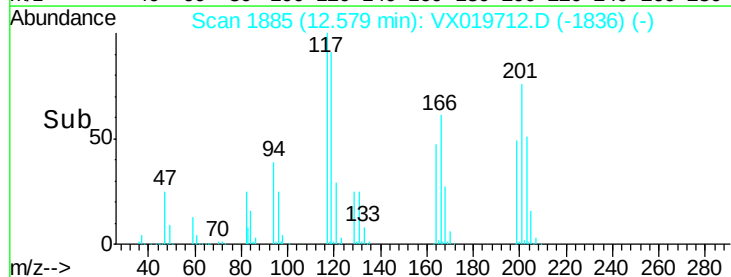
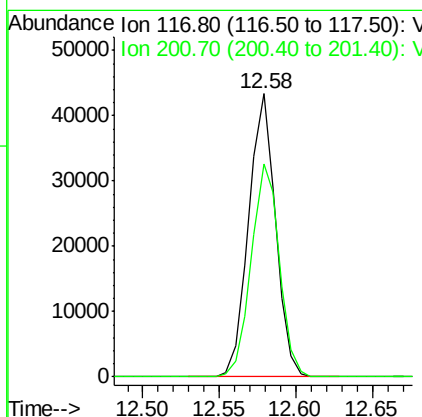
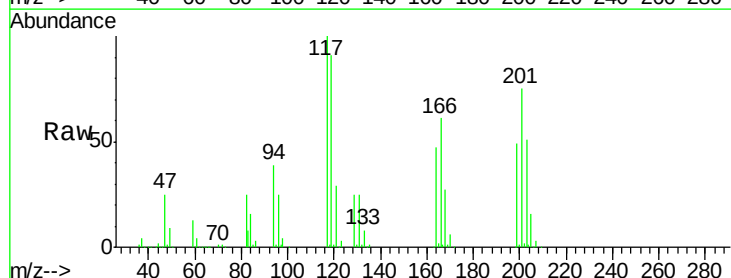
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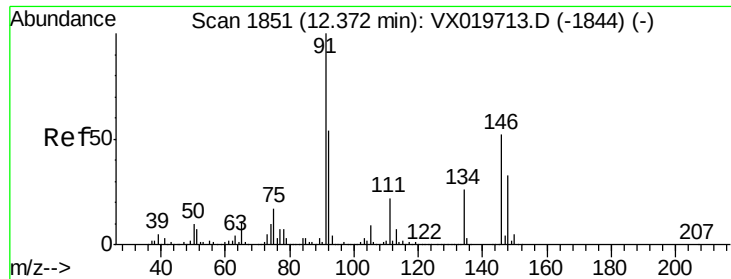
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#90
Hexachloroethane
Concen: 20.119 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	40.4	121.2





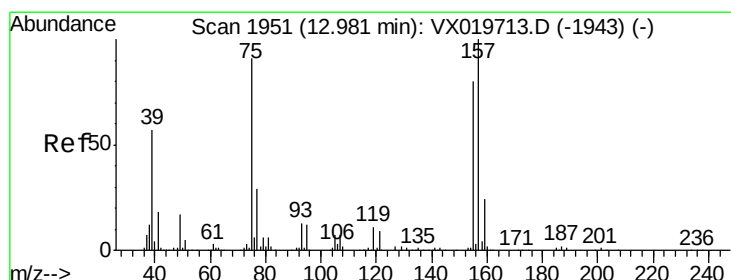
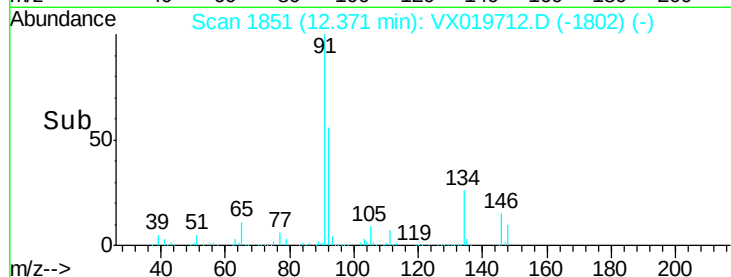
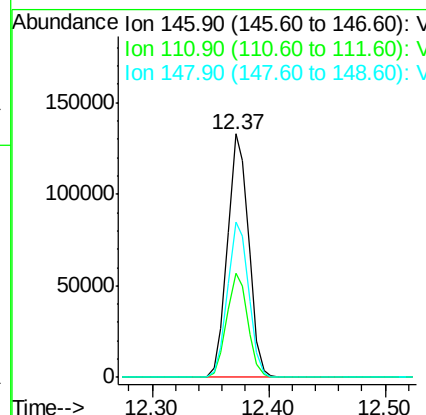
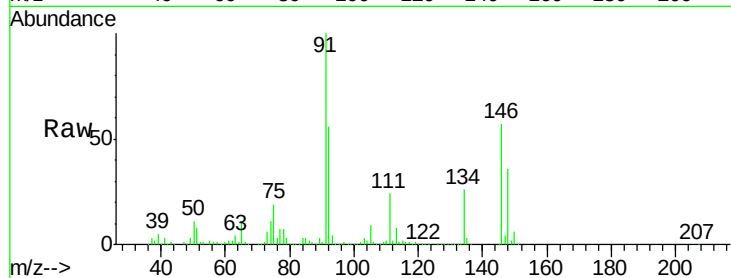
#91
 1,2-Dichlorobenzene
 Concen: 20.432 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	166756		
111	42.1	20.8	62.2	
148	64.0	31.9	95.5	

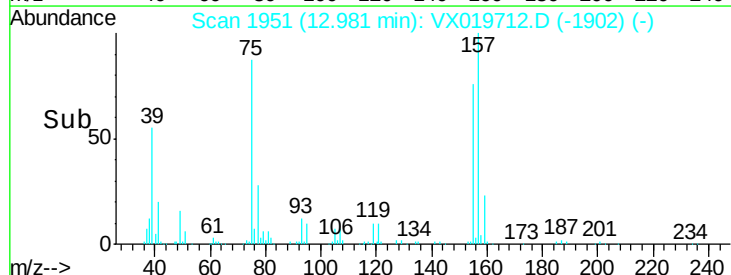
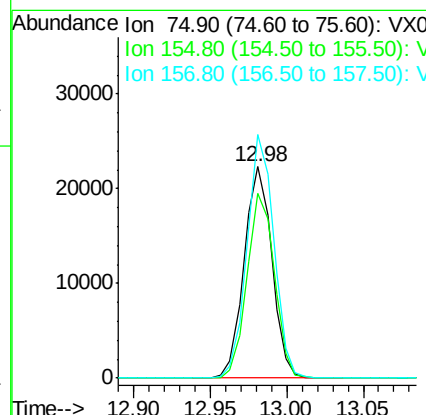
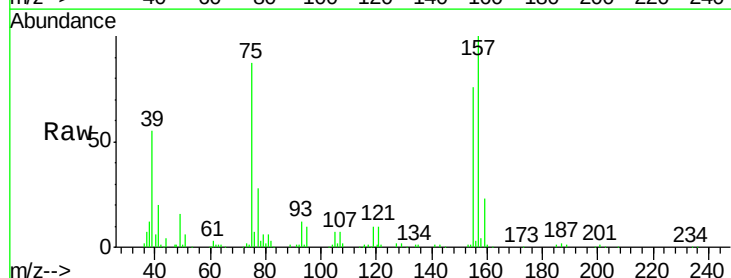
Manual Integrations
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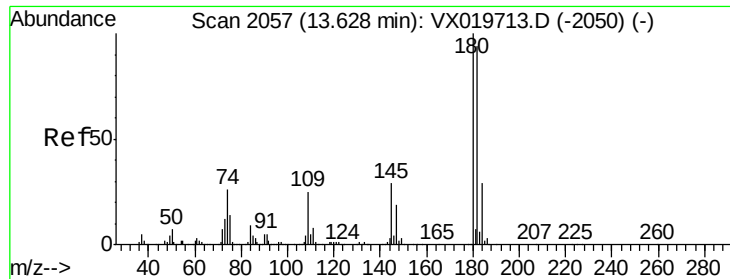
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.770 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28089		
155	85.9	45.3	135.9	
157	111.0	57.7	173.1	





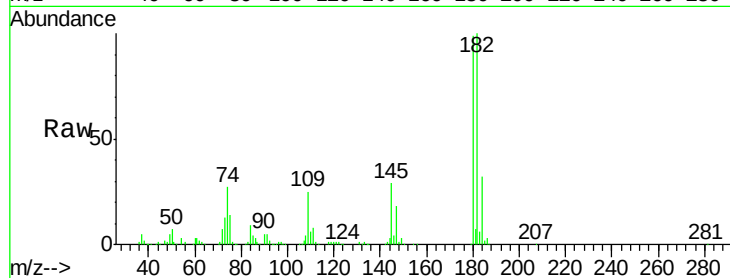
#93
 1,2,4-Trichlorobenzene
 Concen: 20.199 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

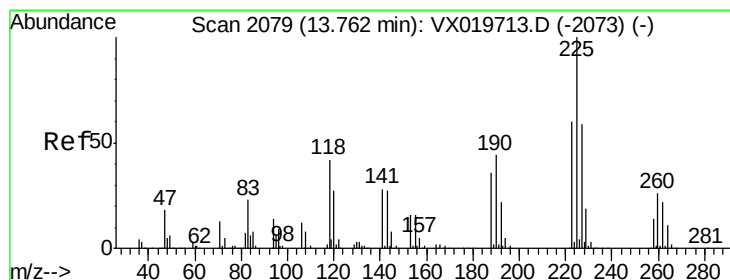
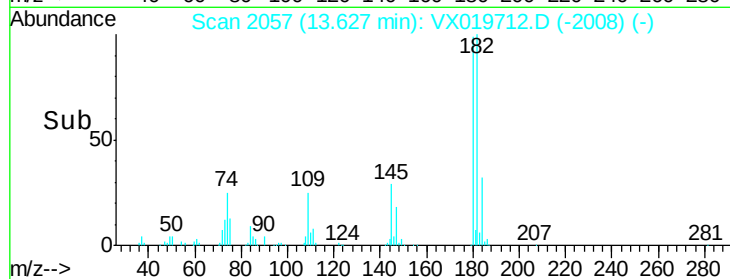
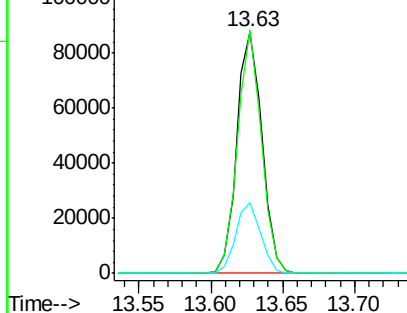
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.7	143.1	
145	29.2	15.0	45.0	

Manual Integrations
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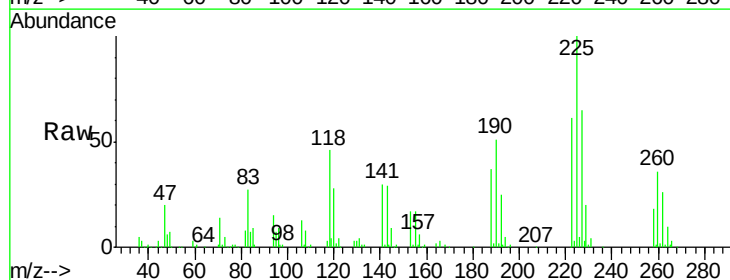


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

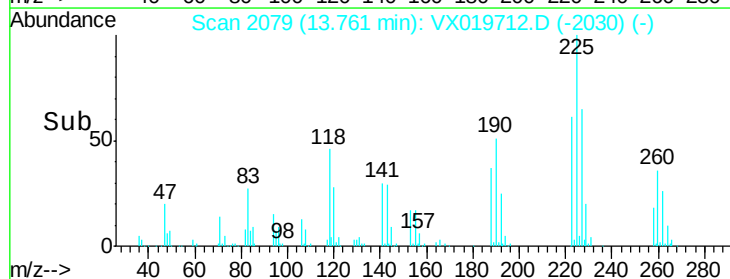
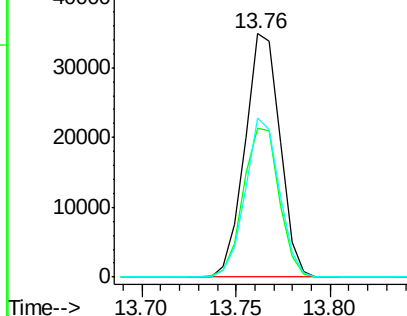


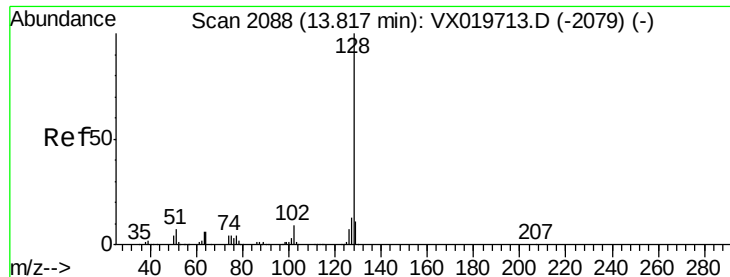
#94
 Hexachlorobutadiene
 Concen: 20.061 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	31.1	93.2	
227	63.0	31.6	95.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





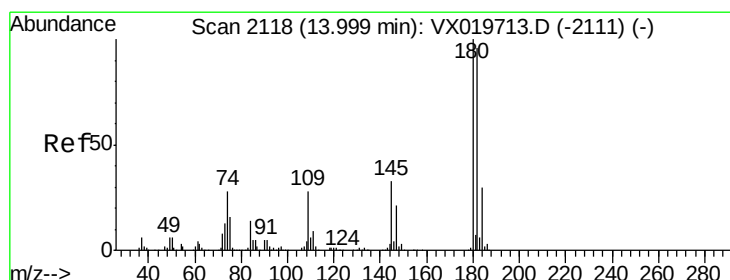
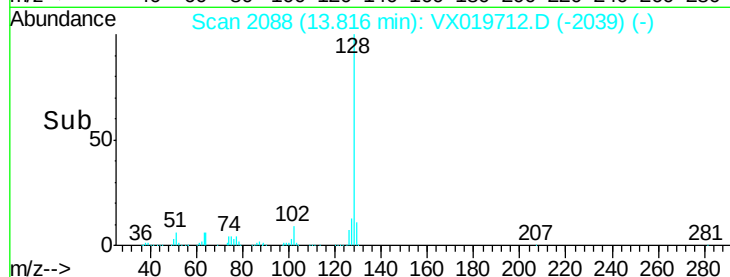
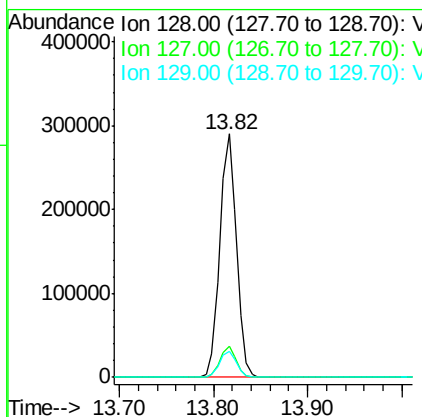
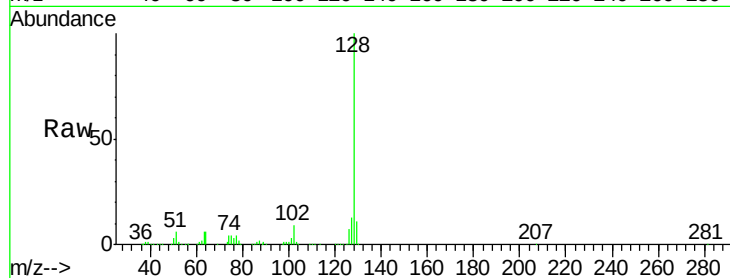
#95
Naphthalene
Concen: 20.703 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.925 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.6	142.9
145	31.8	16.1	48.3

