

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019714.D
 Acq On : 04 Dec 2020 12:47
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:59:32 AM

Quant Time: Dec 04 13:30:36 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	331334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	544427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	519481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	261504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	411007	93.62	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	187.24%#
35) Dibromofluoromethane	5.46	113	335524	94.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	188.16%#
50) Toluene-d8	8.70	98	1301592	95.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	190.56%#
62) 4-Bromofluorobenzene	11.12	95	518141	100.20	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	200.40%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	304154	93.899	ug/l	99
3) Chloromethane	1.31	50	333430	74.940	ug/l	100
4) Vinyl Chloride	1.39	62	373015	93.174	ug/l	100
5) Bromomethane	1.62	94	113568	79.424	ug/l	100
6) Chloroethane	1.70	64	228554	44.878	ug/l	98
7) Trichlorofluoromethane	1.90	101	512429	92.634	ug/l	96
8) Diethyl Ether	2.17	74	213935	92.008	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	291024	88.651	ug/l	99
10) Methyl Iodide	2.48	142	451297	100.317	ug/l	99
11) Tert butyl alcohol	3.03	59	433363	445.066	ug/l	99
12) 1,1-Dichloroethene	2.35	96	298743	90.797	ug/l	96
13) Acrolein	2.27	56	242620	433.417	ug/l	100
14) Allyl chloride	2.70	41	508374	96.098	ug/l	99
15) Acrylonitrile	3.11	53	969979	476.628	ug/l	100
16) Acetone	2.42	43	779562	440.739	ug/l	100
17) Carbon Disulfide	2.54	76	842285	94.376	ug/l	99
18) Methyl Acetate	2.75	43	399014	89.803	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1104356	95.203	ug/l	99
20) Methylene Chloride	2.83	84	371045	82.110	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	346682	93.249	ug/l	98
22) Diisopropyl ether	3.82	45	1032156	94.230	ug/l	93
23) Vinyl Acetate	3.78	43	4470630	484.703	ug/l	100
24) 1,1-Dichloroethane	3.67	63	612522	92.304	ug/l	99
25) 2-Butanone	4.63	43	1254501	479.886	ug/l	99
26) 2,2-Dichloropropane	4.55	77	541784	97.809	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	402512	92.934	ug/l	99
28) Bromochloromethane	4.98	49	292570	96.725	ug/l	99
29) Tetrahydrofuran	5.09	42	803384	480.538	ug/l	100
30) Chloroform	5.17	83	630610	92.511	ug/l	100
31) Cyclohexane	5.54	56	535625	92.327	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	549395	94.402	ug/l	100
36) 1,1-Dichloropropene	5.76	75	477116	94.786	ug/l	100
37) Ethyl Acetate	4.79	43	483981	96.008	ug/l	99
38) Carbon Tetrachloride	5.75	117	474169	94.865	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	571286	96.565	ug/l	100
40) Benzene	6.11	78	1444597	92.031	ug/l	99
41) Methacrylonitrile	5.00	41	262507	94.093	ug/l	98
42) 1,2-Dichloroethane	6.16	62	494714	91.742	ug/l	100
43) Isopropyl Acetate	6.41	43	799977	95.856	ug/l	100
44) Trichloroethene	7.18	130	382661	93.337	ug/l	99
45) 1,2-Dichloropropane	7.49	63	367023	92.967	ug/l	99
46) Dibromomethane	7.63	93	251409	94.940	ug/l	99
47) Bromodichloromethane	7.87	83	510486	97.254	ug/l	100
48) Methyl methacrylate	7.74	41	404713	98.112	ug/l	99
49) 1,4-Dioxane	7.71	88	192580	2031.028	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2527676	495.806	ug/l	99
52) Toluene	8.76	92	925657	94.717	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	587661	102.098	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	623641	99.126	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	377776	95.582	ug/l	99
56) Ethyl methacrylate	9.16	69	613279	103.303	ug/l	100
57) 1,3-Dichloropropane	9.35	76	631352	94.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1563605	502.713	ug/l	100
59) 2-Hexanone	9.47	43	1952871	506.380	ug/l	100
60) Dibromochloromethane	9.56	129	407974	100.496	ug/l	98
61) 1,2-Dibromoethane	9.65	107	401743	96.768	ug/l	99
64) Tetrachloroethene	9.32	164	321816	89.711	ug/l	97
65) Chlorobenzene	10.12	112	991708	92.081	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	373289	95.380	ug/l	99
67) Ethyl Benzene	10.23	91	1781041	93.765	ug/l	99
68) m/p-Xylenes	10.34	106	1365147	192.183	ug/l	98
69) o-Xylene	10.68	106	665836	96.560	ug/l	99
70) Styrene	10.70	104	1156322	99.979	ug/l	100
71) Bromoform	10.84	173	310875	102.649	ug/l #	97
73) Isopropylbenzene	11.00	105	1761031	96.699	ug/l	100
74) N-amyl acetate	10.88	43	729352	99.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	600882	91.114	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	567233m	94.644	ug/l	
77) Bromobenzene	11.24	156	453230	96.035	ug/l	98
78) n-propylbenzene	11.34	91	2066325	98.416	ug/l	100
79) 2-Chlorotoluene	11.40	91	1235628	96.758	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1516693	98.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	221827	103.525	ug/l	97
82) 4-Chlorotoluene	11.49	91	1457741	97.926	ug/l	100
83) tert-Butylbenzene	11.76	119	1501083	98.436	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1536579	98.721	ug/l	99
85) sec-Butylbenzene	11.93	105	1718590	99.229	ug/l	100
86) p-Isopropyltoluene	12.05	119	1584281	99.130	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	808895	94.199	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	811007	92.455	ug/l	100
89) n-Butylbenzene	12.37	91	1411169	100.769	ug/l	100
90) Hexachloroethane	12.58	117	281245	103.493	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	769059	91.482	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	139082	99.845	ug/l	97

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VSTDICC100

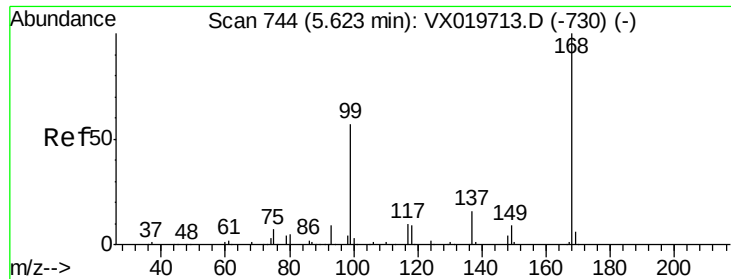
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	537722	98.698	ug/l	99
94) Hexachlorobutadiene	13.76	225	211900	91.663	ug/l	94
95) Naphthalene	13.82	128	1819855	102.937	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	526762	97.469	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: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

Tot Ion:168 Resp: 331334

Ion Ratio Lower Upper

168 100

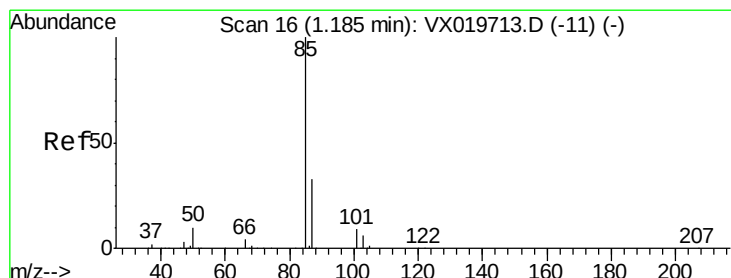
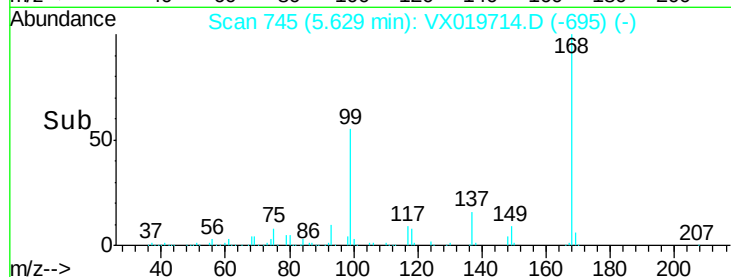
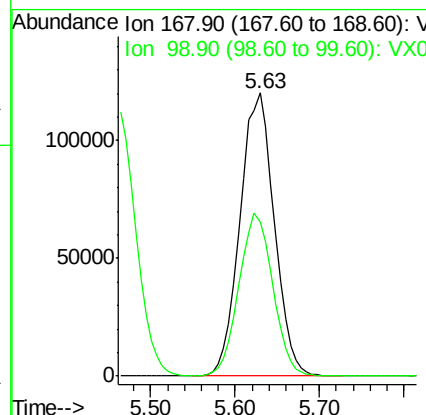
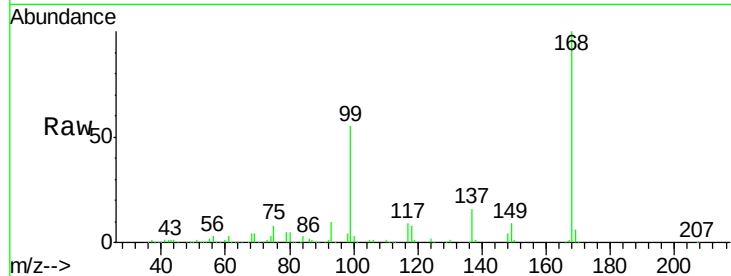
99 54.5 45.8 68.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 93.899 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019714.D

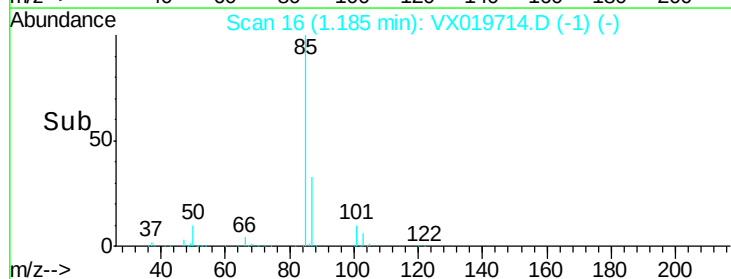
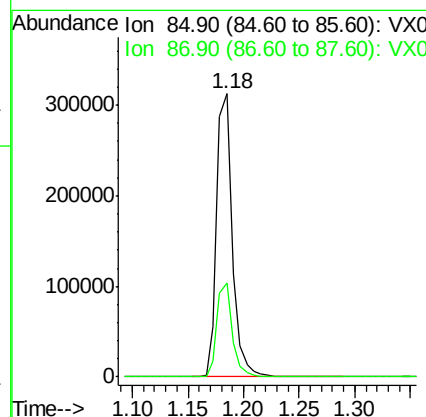
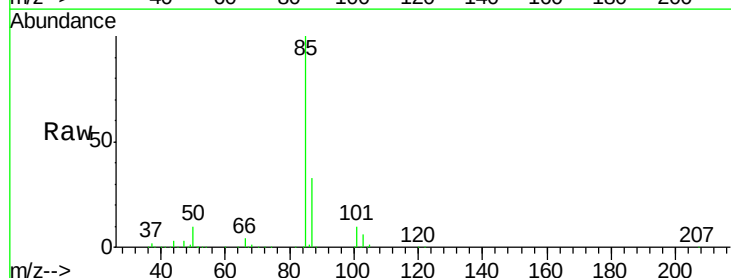
Acq: 04 Dec 2020 12:47

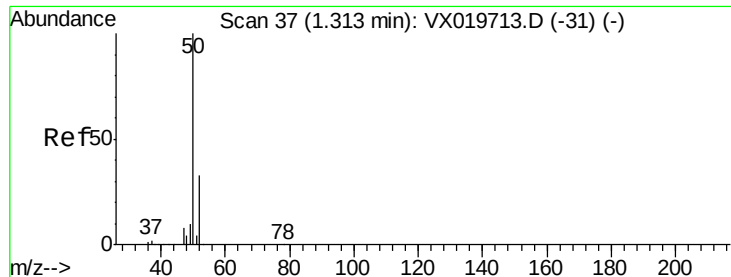
Tgt Ion: 85 Resp: 304154

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.2





#3

Chloromethane

Concen: 74.940 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 333430

Ion Ratio Lower Upper

50 100

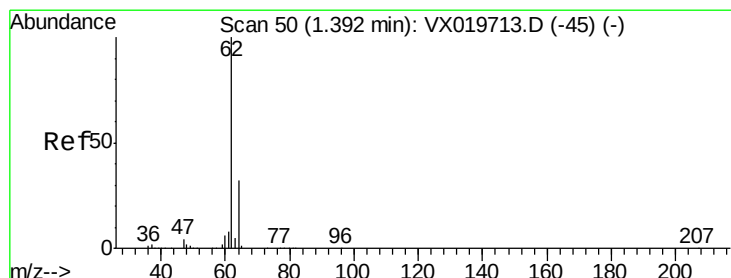
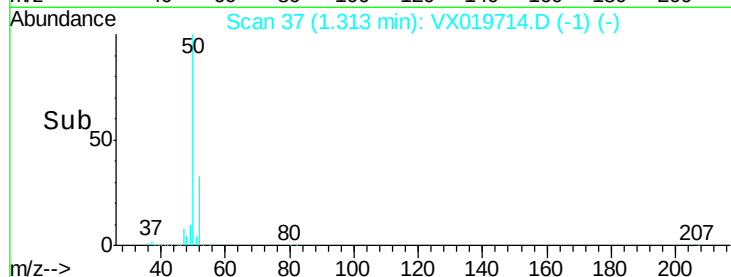
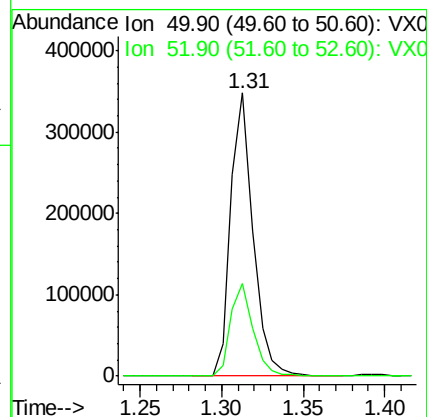
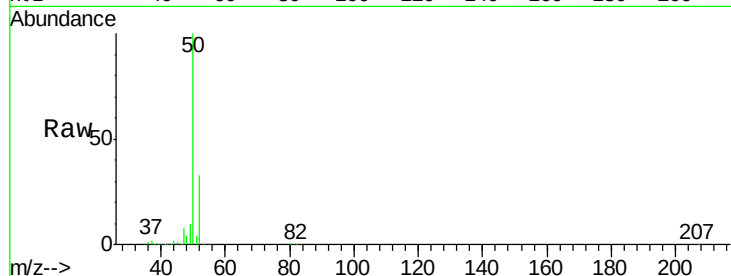
52 32.9 26.4 39.6

Manual Integrations

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12/7/2020 10:59:32 AM



#4

Vinyl Chloride

Concen: 93.174 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019714.D

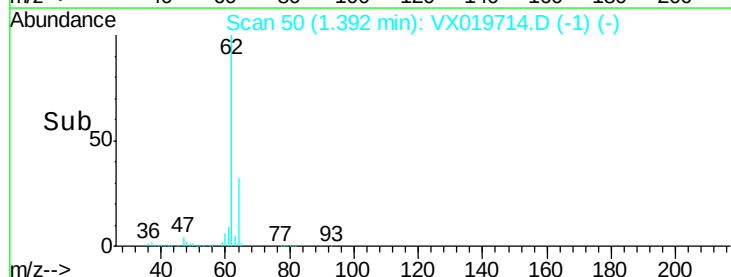
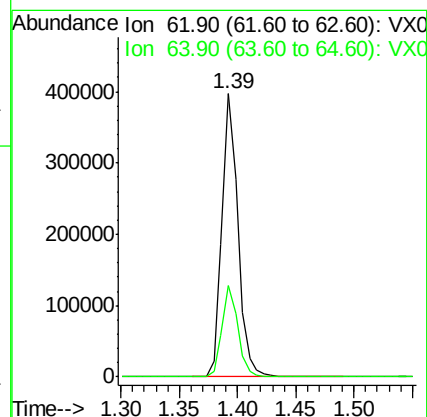
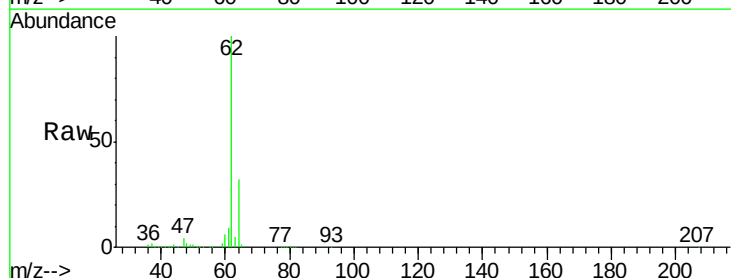
Acq: 04 Dec 2020 12:47

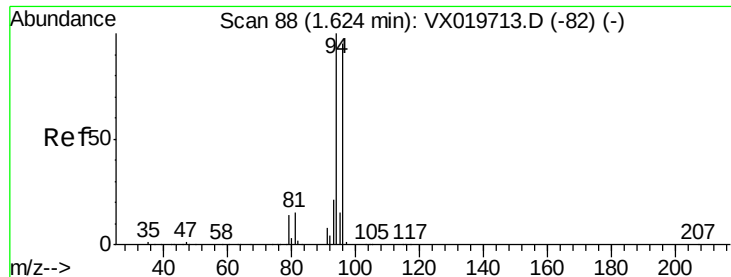
Tgt Ion: 62 Resp: 373015

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 79.424 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 113568

Ion Ratio Lower Upper

94 100

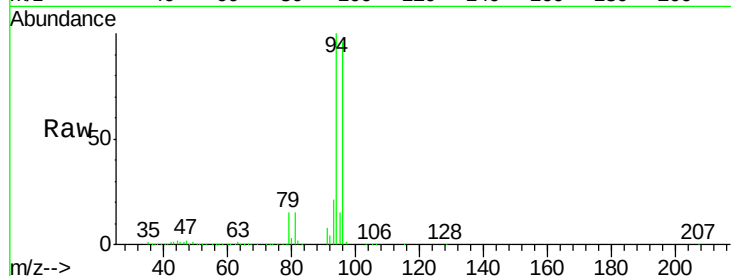
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Manual Integrations

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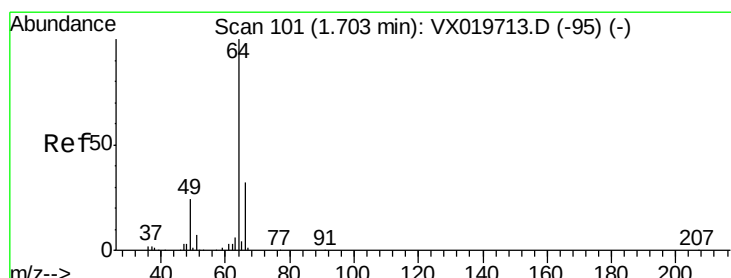
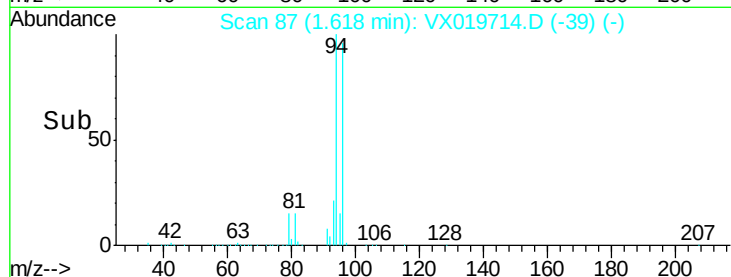
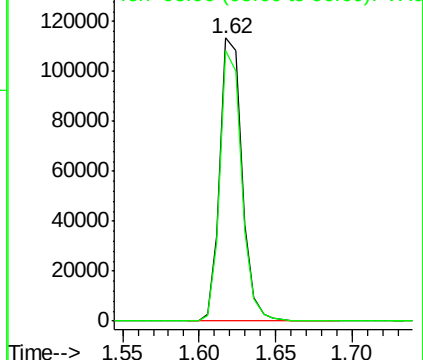
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12/7/2020 10:59:32 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.878 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX019714.D

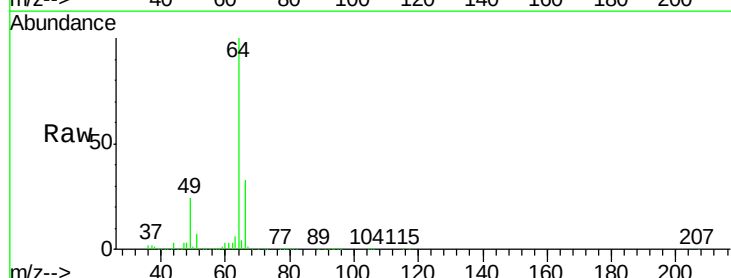
Acq: 04 Dec 2020 12:47

Tgt Ion: 64 Resp: 228554

Ion Ratio Lower Upper

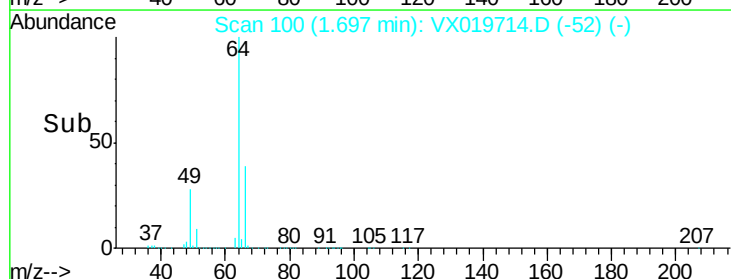
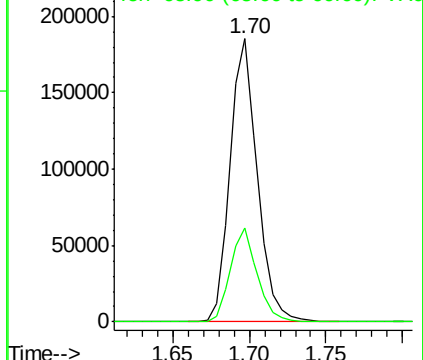
64 100

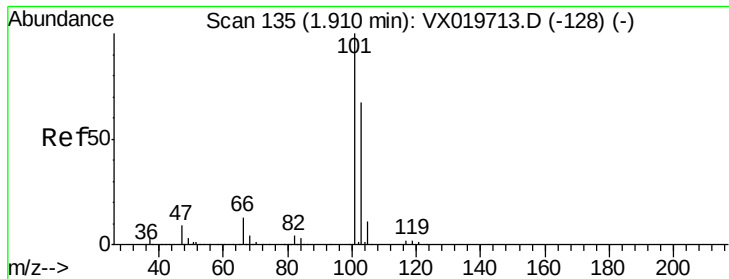
66 33.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

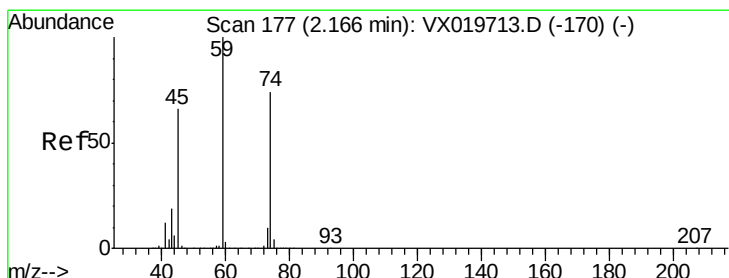
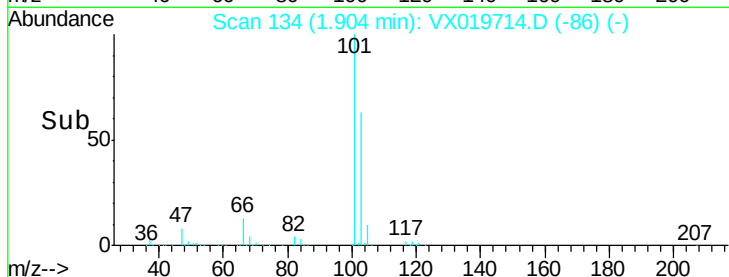
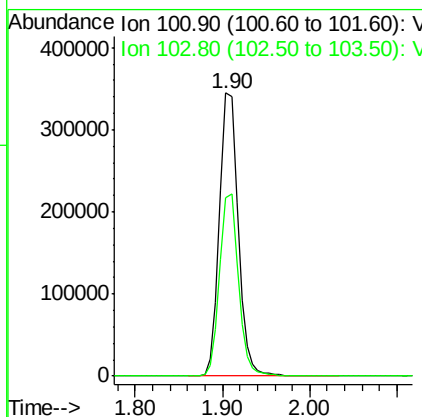
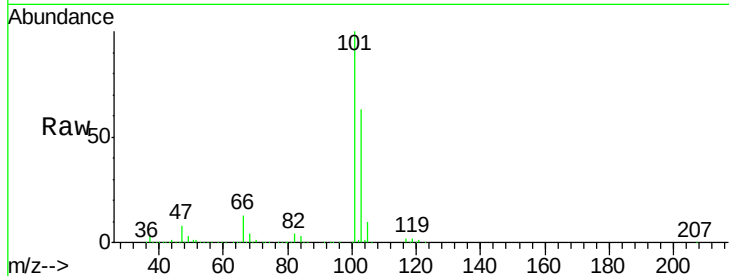
Trichlorofluoromethane
Concen: 92.634 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	53.2	79.8

Manual Integrations
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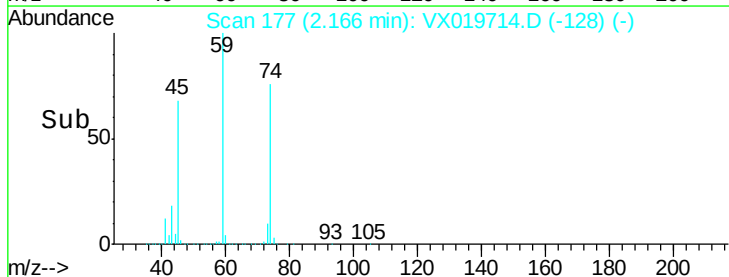
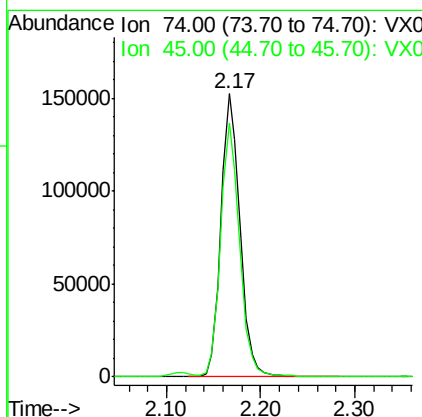
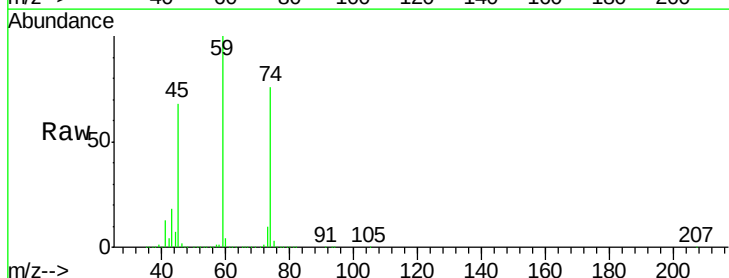
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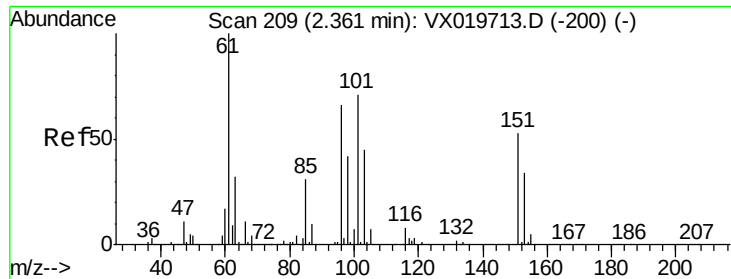


#8

Diethyl Ether
Concen: 92.008 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.6	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 88.651 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

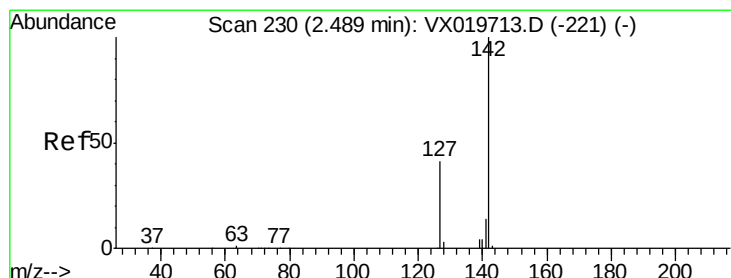
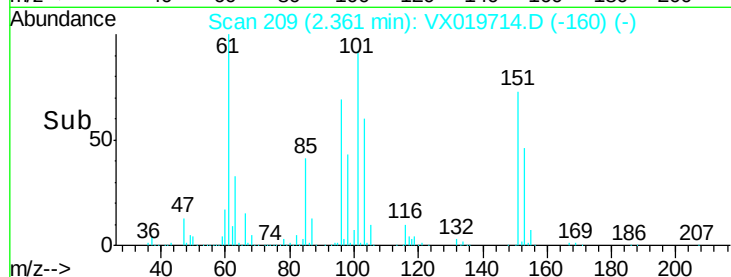
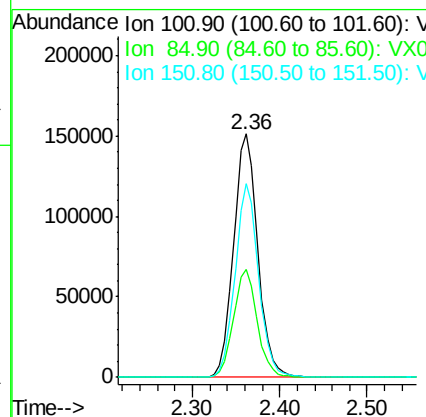
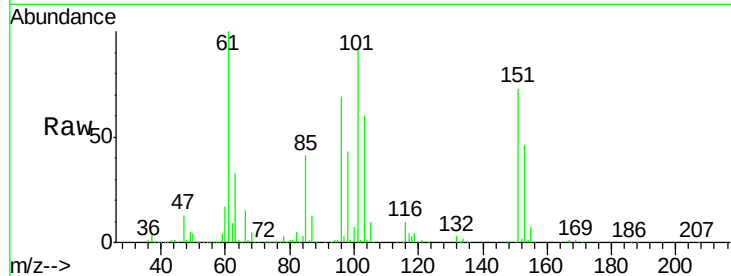
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	291024
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	77.6	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 100.317 ug/l

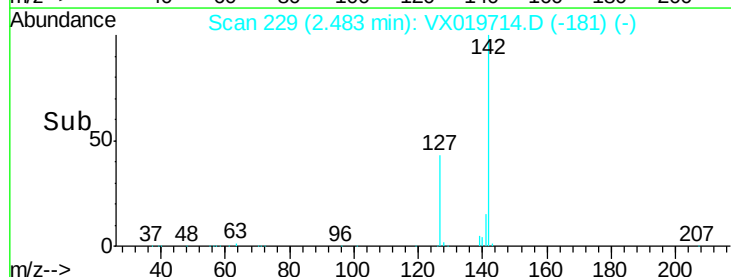
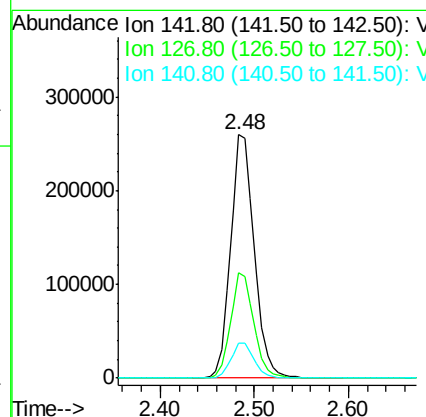
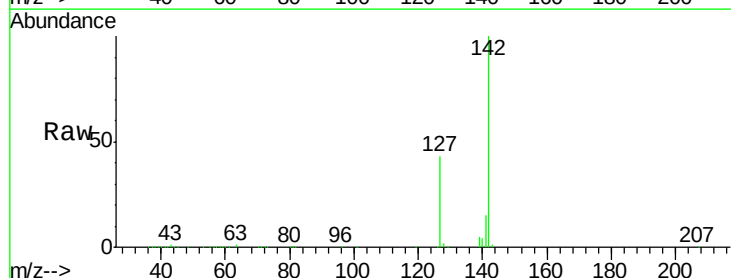
RT: 2.48 min Scan# 229

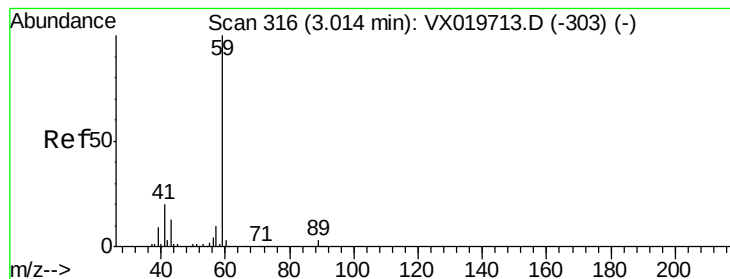
Delta R.T. -0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Tgt Ion:	142	Resp:	451297
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.3	49.9
141	14.3	11.4	17.0





#11

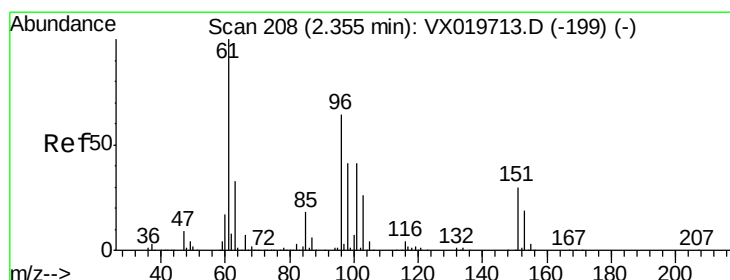
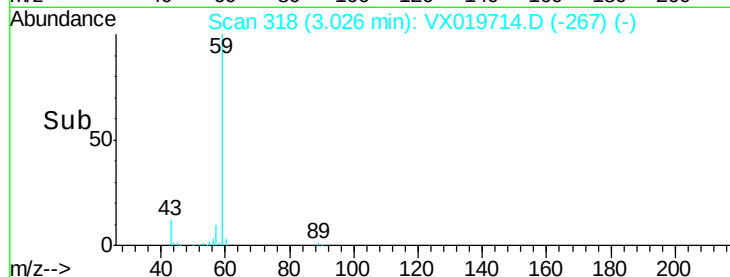
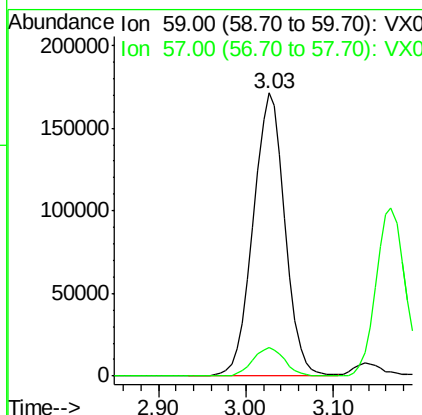
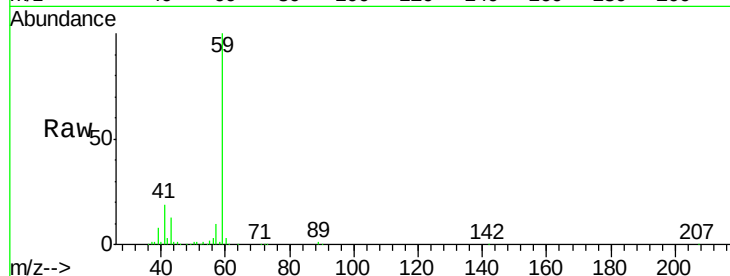
Tert butyl alcohol
Concen: 445.066 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 59 Resp: 433363
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8

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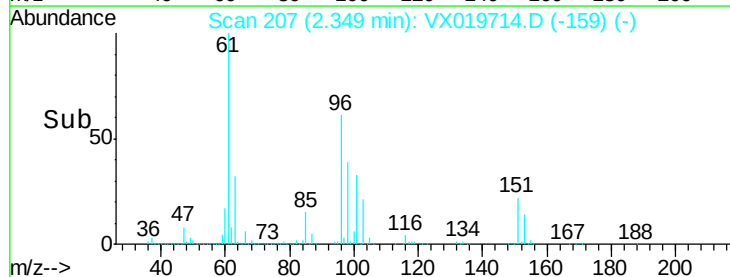
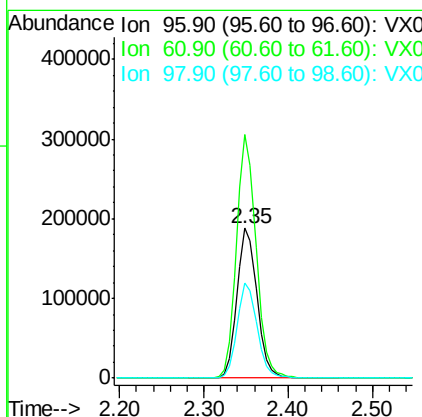
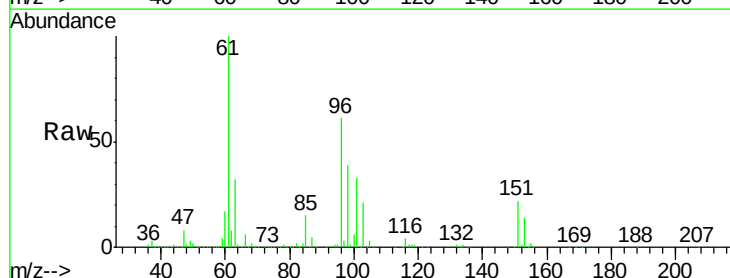
MMDadoda
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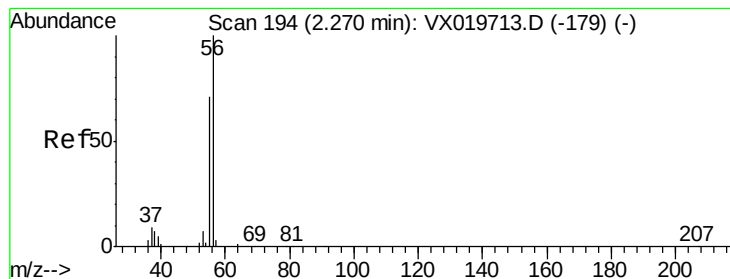


#12

1,1-Dichloroethene
Concen: 90.797 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion: 96 Resp: 298743
Ion Ratio Lower Upper
96 100
61 162.6 124.6 187.0
98 63.1 50.6 76.0





#13

Acrolein

Concen: 433.417 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 242620

Ion Ratio Lower Upper

56 100

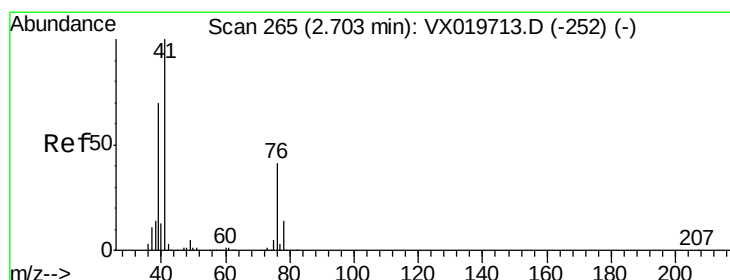
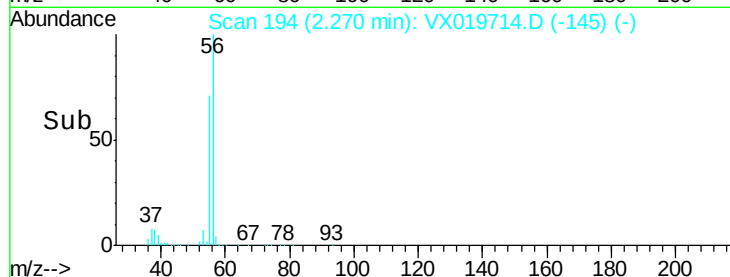
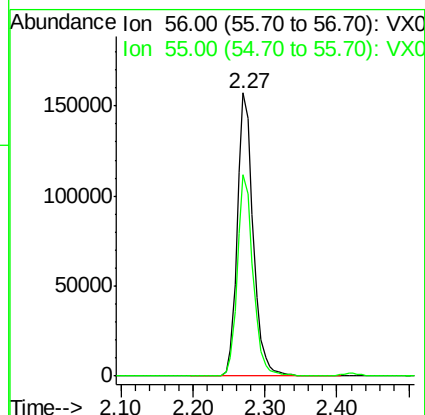
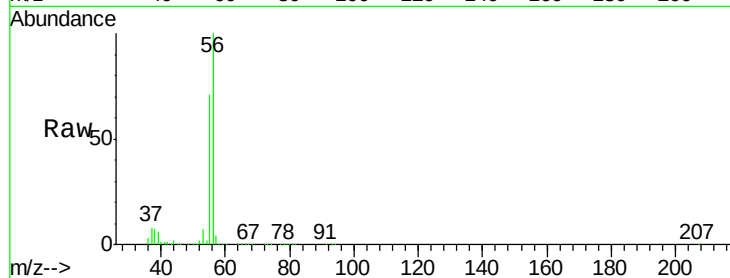
55 70.4 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 96.098 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

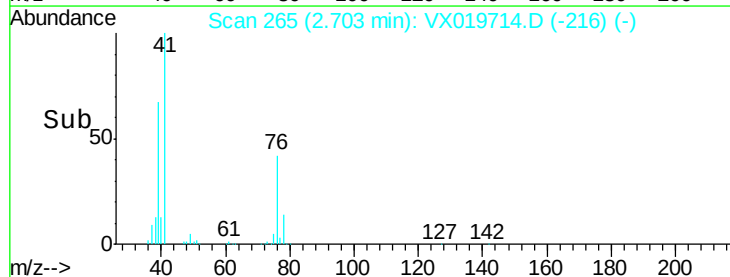
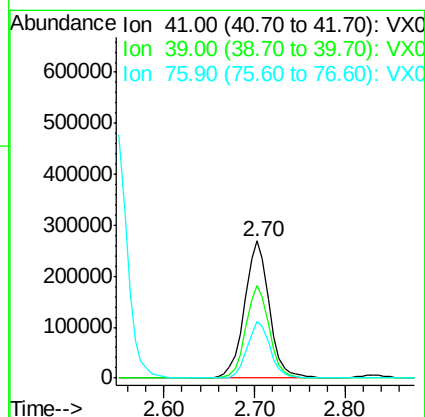
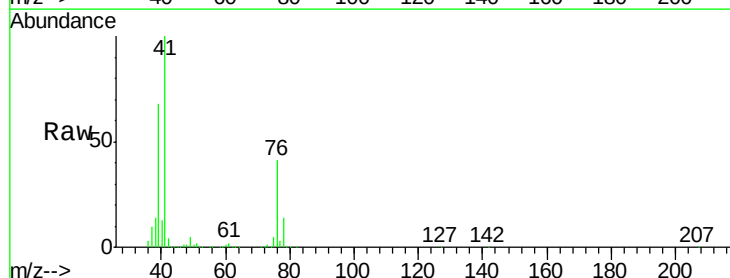
Tgt Ion: 41 Resp: 508374

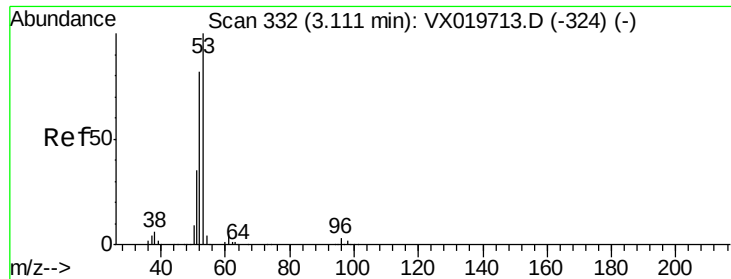
Ion Ratio Lower Upper

41 100

39 63.4 51.6 77.4

76 37.8 30.5 45.7





#15

Acrylonitrile

Concen: 476.628 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

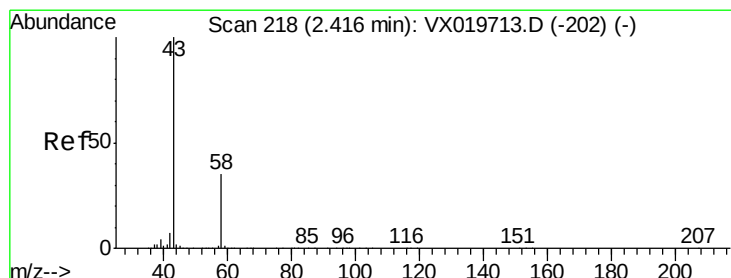
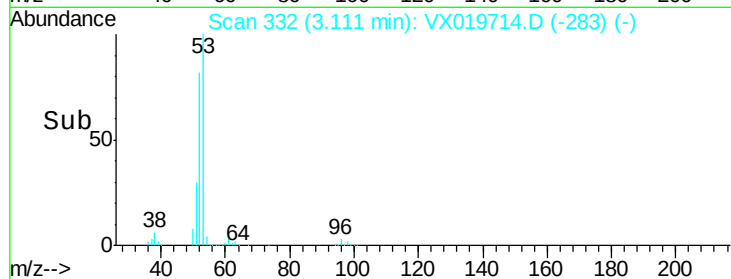
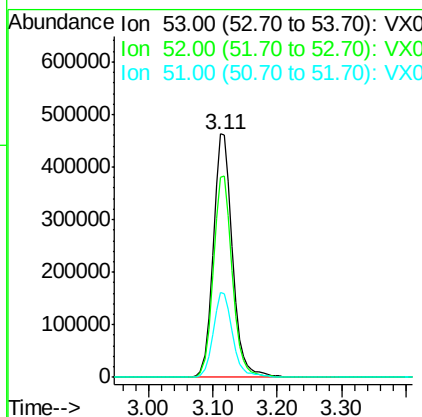
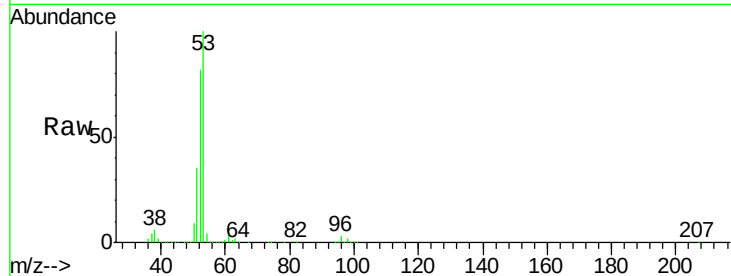
ClientSampleId :

VSTDICC100

Tot Ion:	53	Resp:	969979
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.3	97.9
51	35.2	28.2	42.2

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#16

Acetone

Concen: 440.739 ug/l

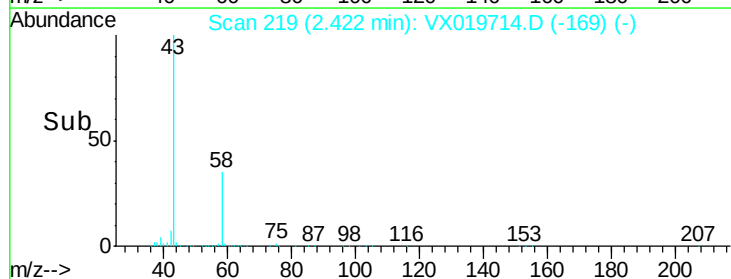
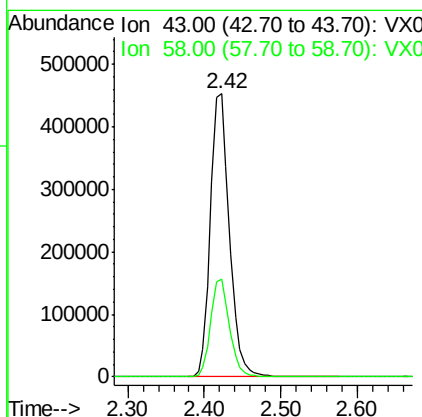
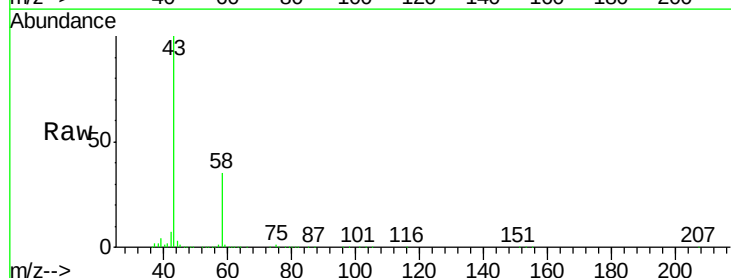
RT: 2.42 min Scan# 219

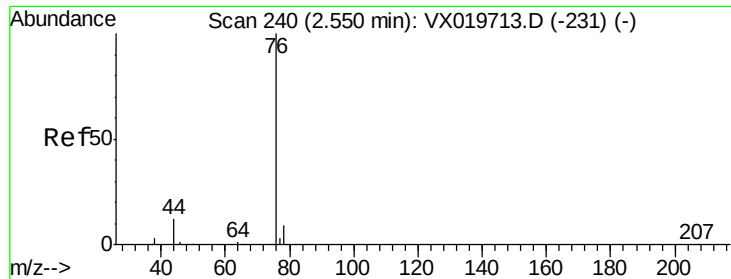
Delta R.T. 0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Tgt Ion:	43	Resp:	779562
Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.8	41.8





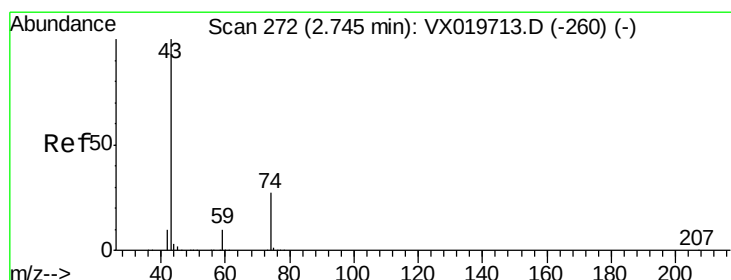
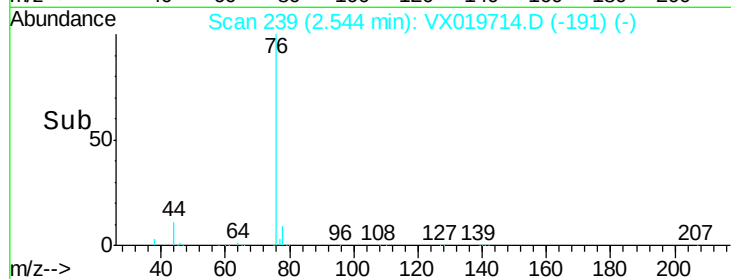
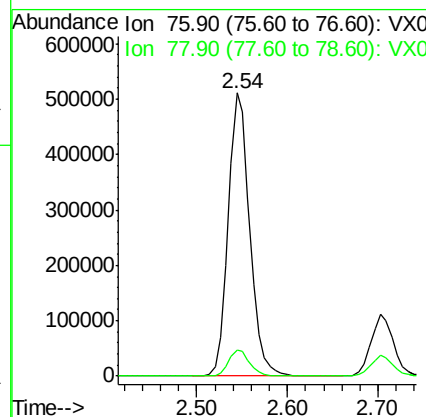
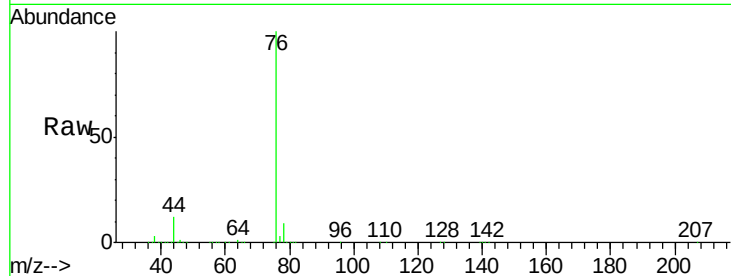
#17
Carbon Disulfide
Concen: 94.376 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

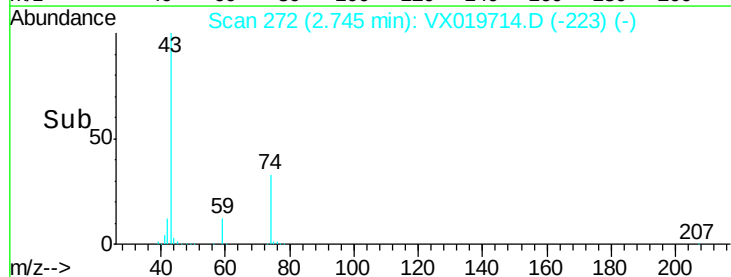
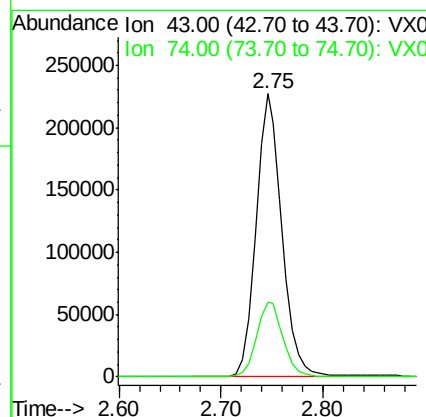
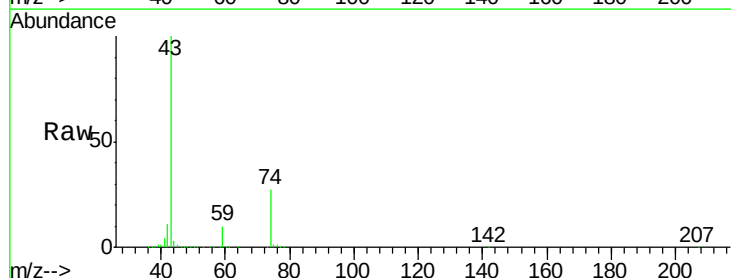
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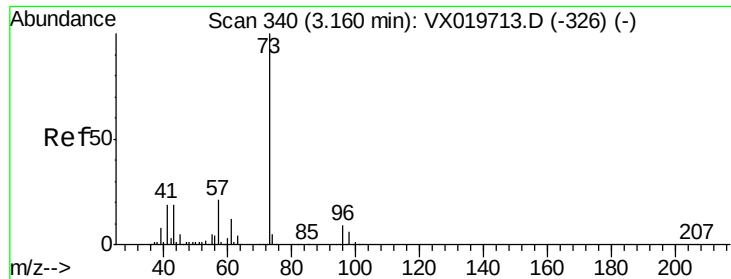
MMDadoda
12/7/2020 10:59:32 AM



#18
Methyl Acetate
Concen: 89.803 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	21.9	32.9





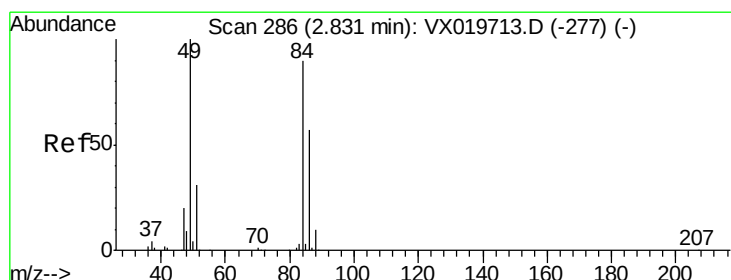
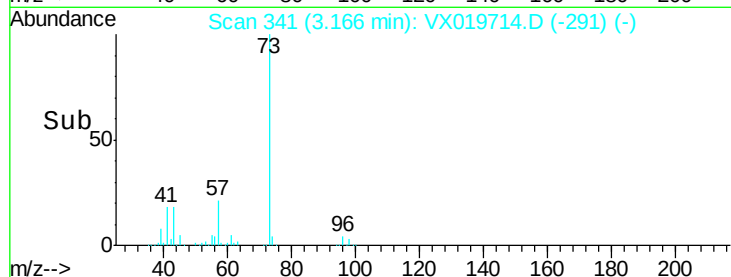
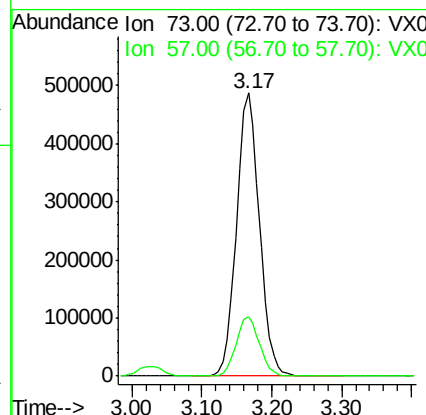
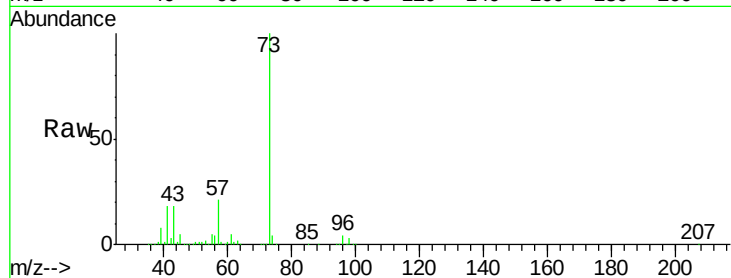
#19
Methyl tert-butyl Ether
Concen: 95.203 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1104356
Ion Ratio Lower Upper
73 100
57 20.9 17.1 25.7

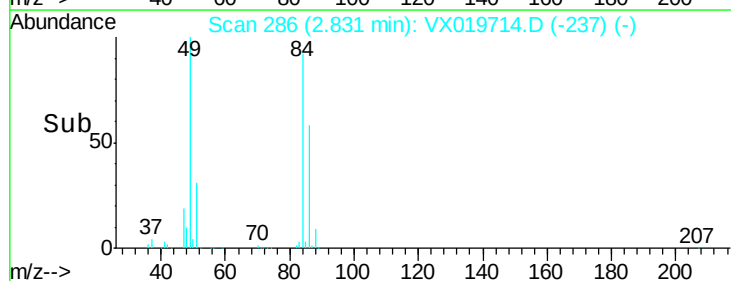
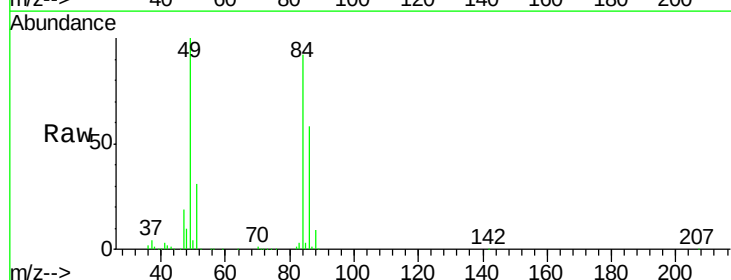
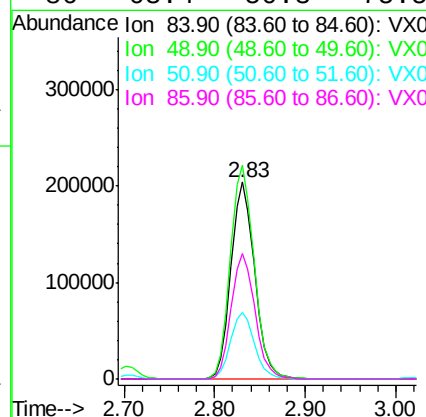
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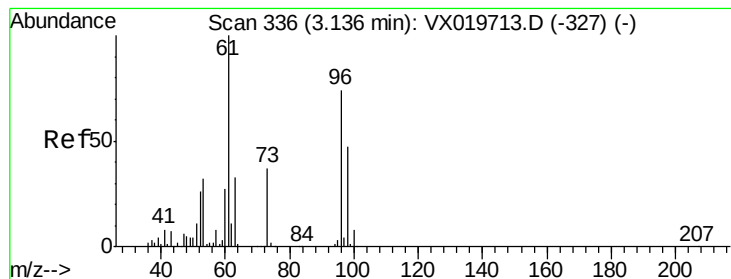
MMDadoda
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#20
Methylene Chloride
Concen: 82.110 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion: 84 Resp: 371045
Ion Ratio Lower Upper
84 100
49 108.4 88.6 132.8
51 33.5 27.0 40.6
86 63.4 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 93.249 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 346682

Ion Ratio Lower Upper

96 100

61 136.4 107.7 161.5

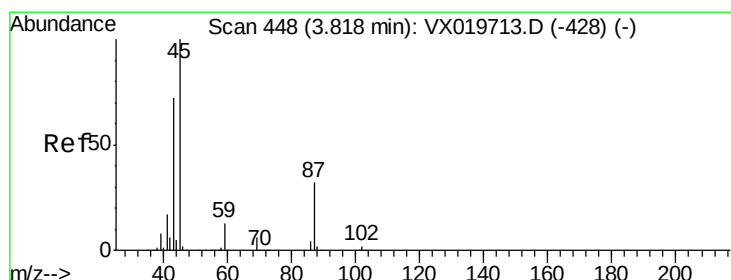
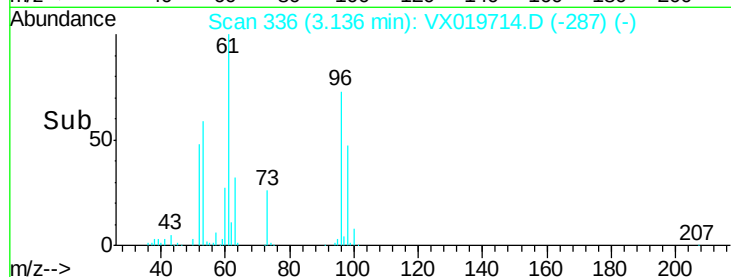
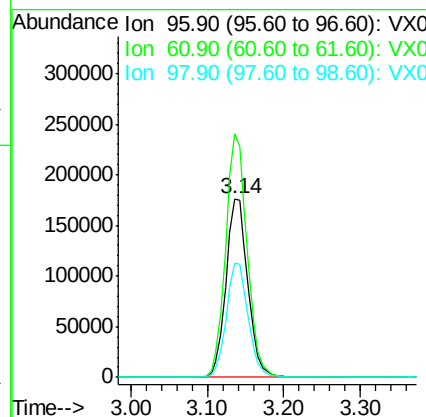
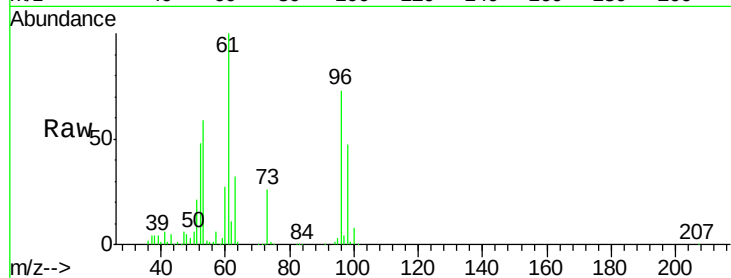
98 64.3 50.4 75.6

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#22

Diisopropyl ether

Concen: 94.230 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Tgt Ion: 45 Resp: 1032156

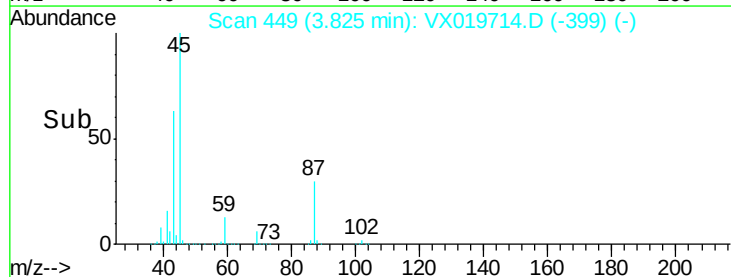
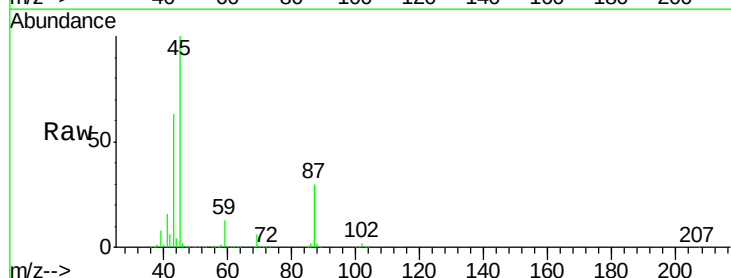
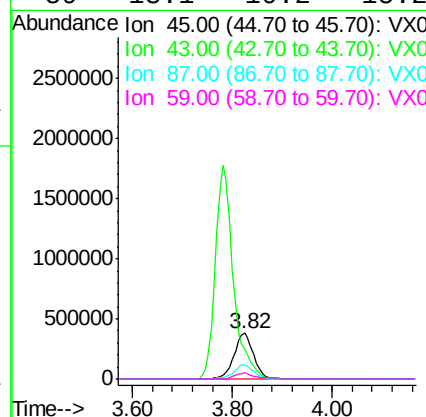
Ion Ratio Lower Upper

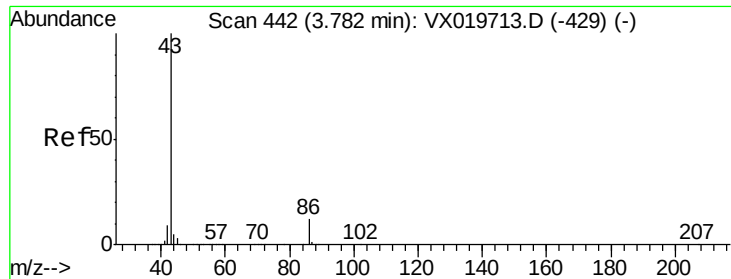
45 100

43 63.4 58.0 87.0

87 30.4 25.4 38.0

59 13.1 10.2 15.2





#23

Vinyl Acetate

Concen: 484.703 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4470630

Ion Ratio Lower Upper

43 100

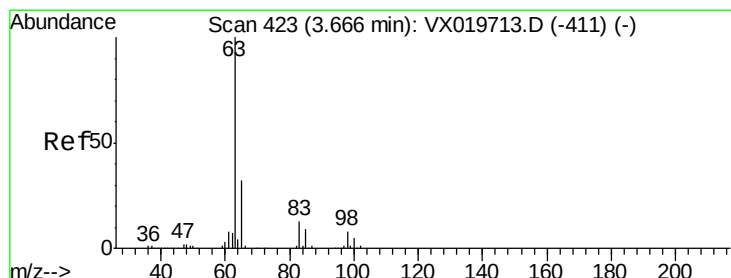
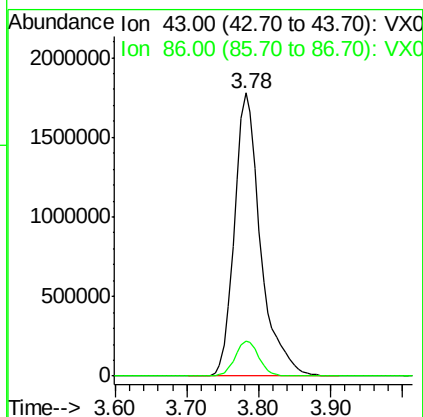
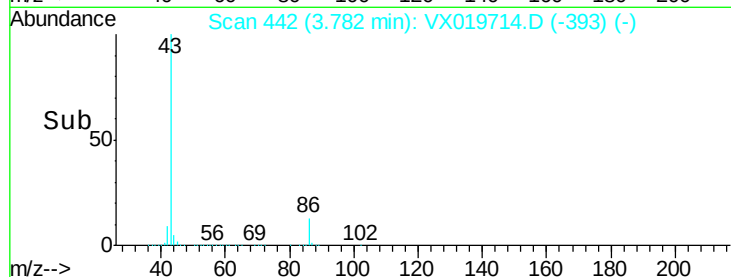
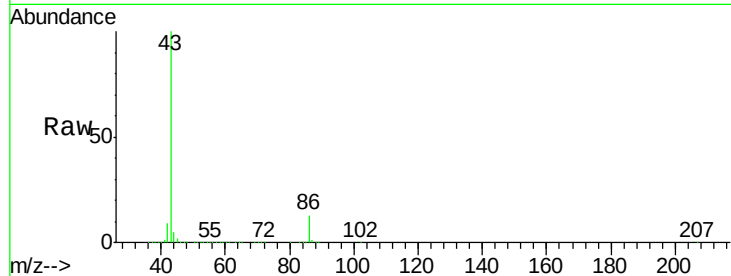
86 12.5 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 92.304 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

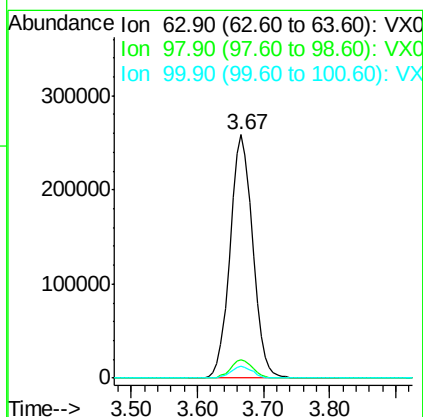
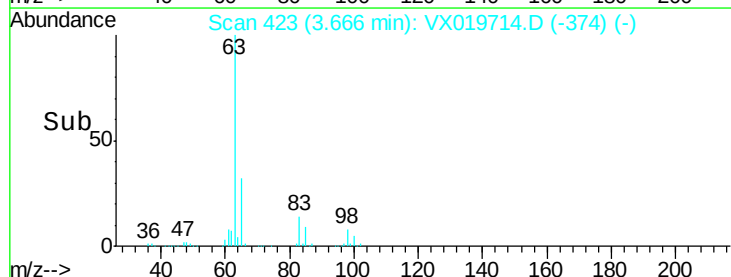
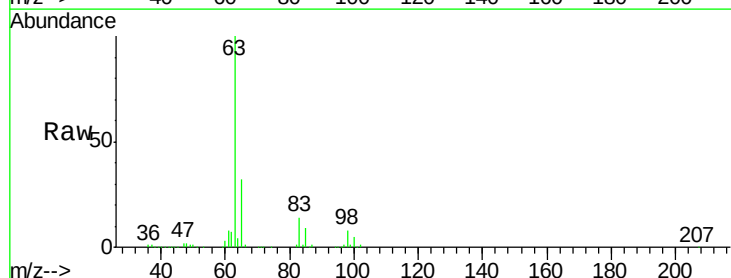
Tgt Ion: 63 Resp: 612522

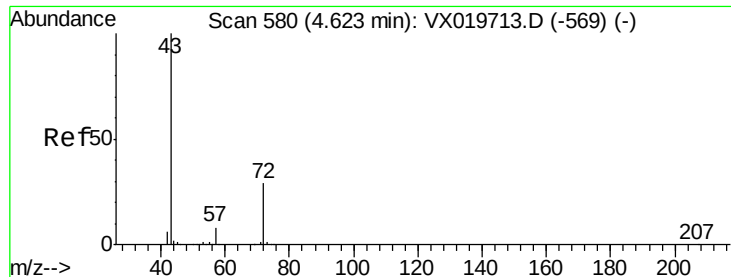
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 479.886 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1254501

Ion Ratio Lower Upper

43 100

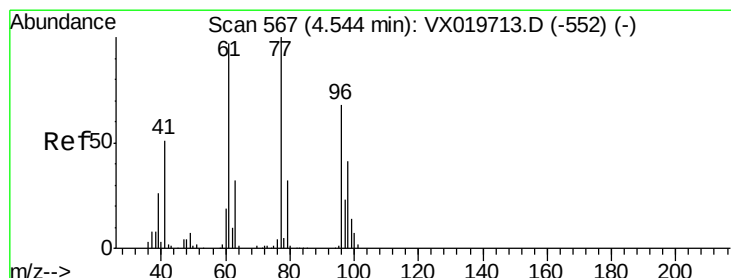
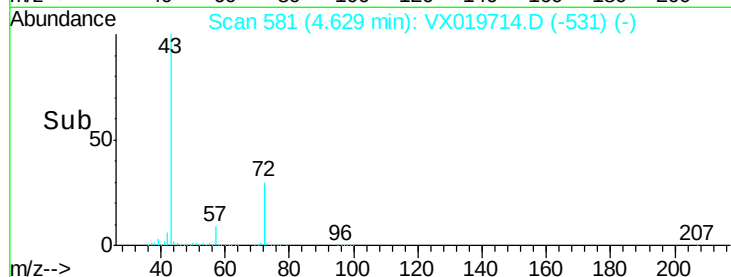
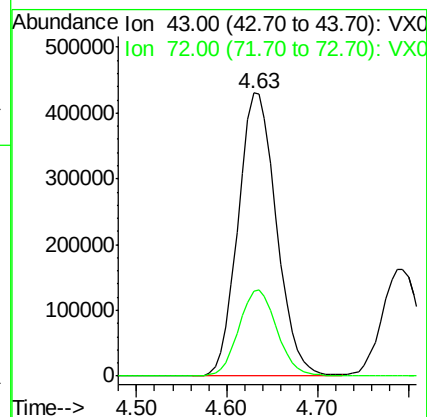
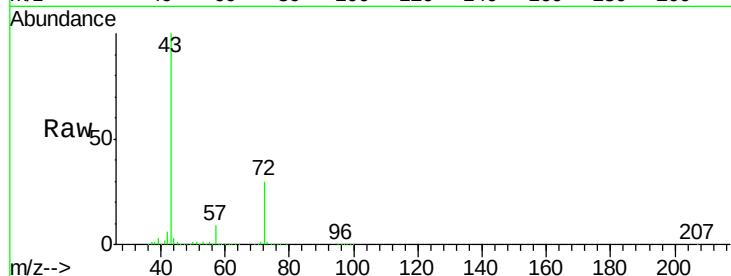
72 29.9 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 97.809 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019714.D

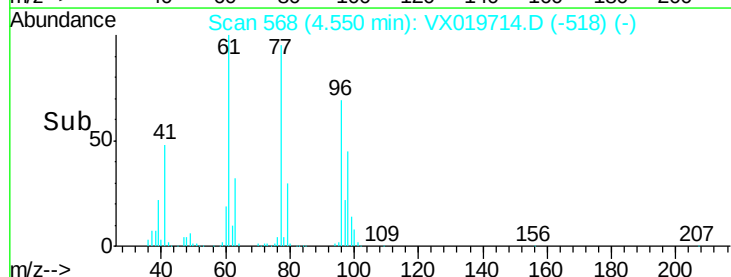
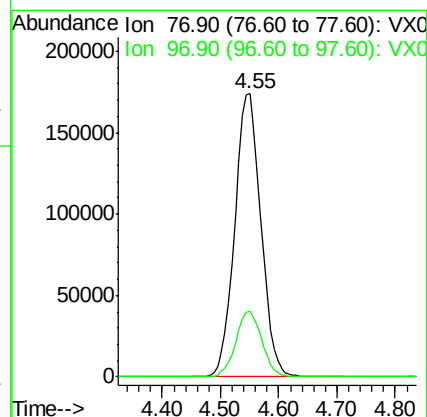
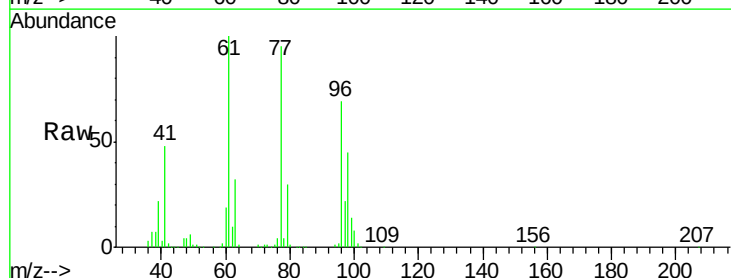
Acq: 04 Dec 2020 12:47

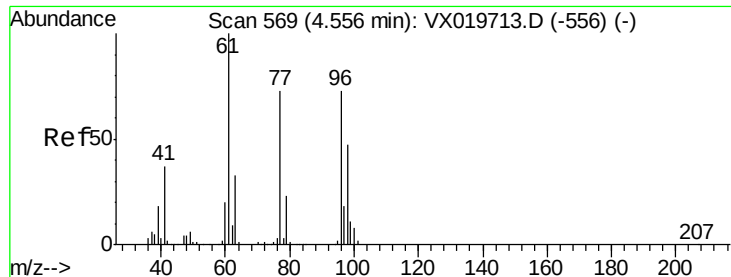
Tgt Ion: 77 Resp: 541784

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1





#27

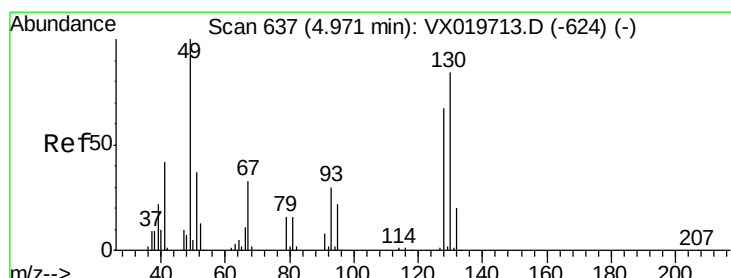
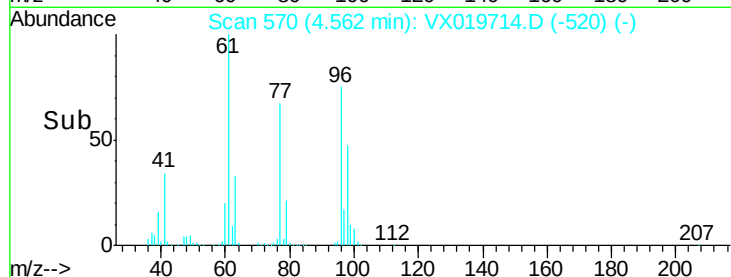
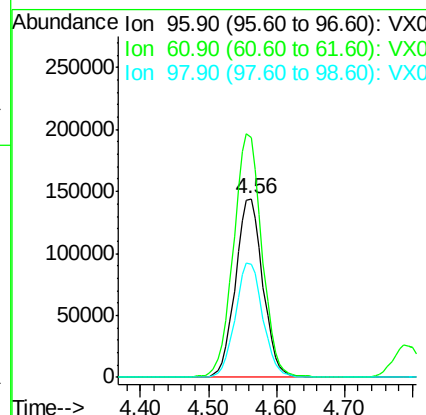
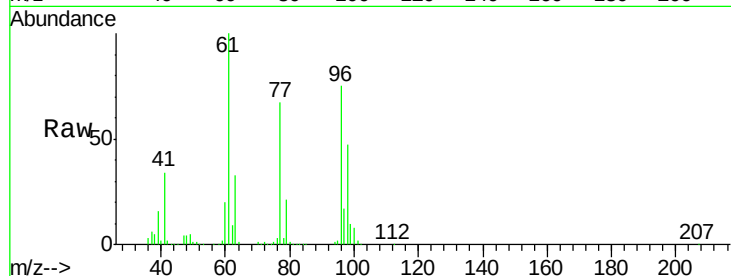
cis-1,2-Dichloroethene
Concen: 92.934 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.4	0.0	285.6	
98	64.3	0.0	129.6	

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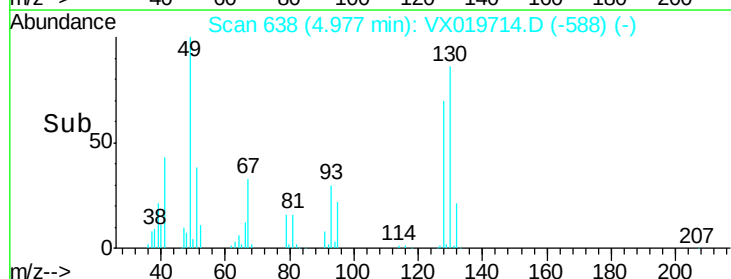
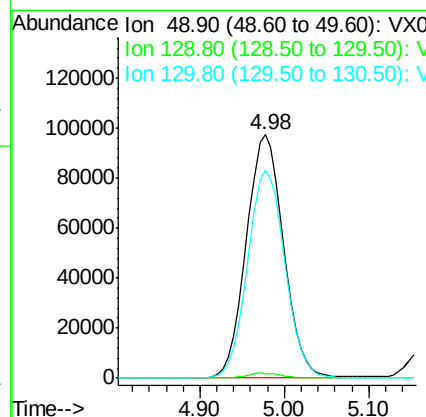
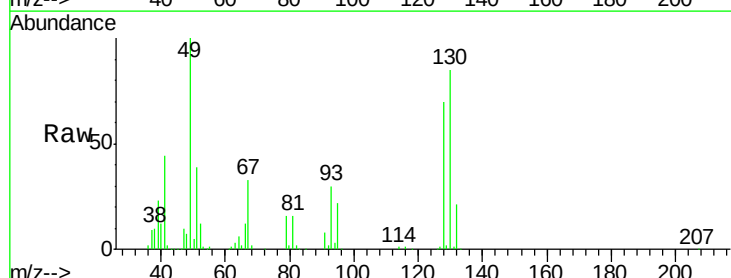
MMDadoda
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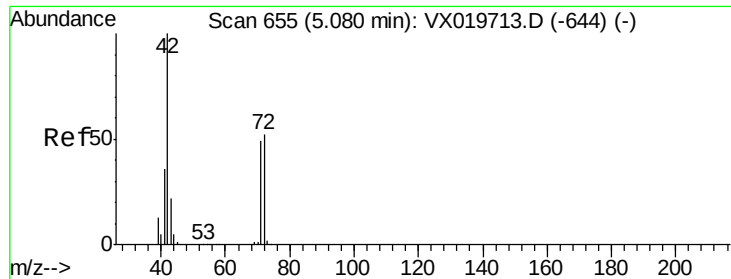


#28

Bromochloromethane
Concen: 96.725 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	85.8	68.2	102.2	





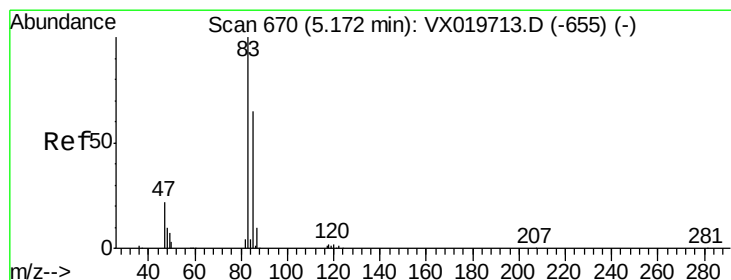
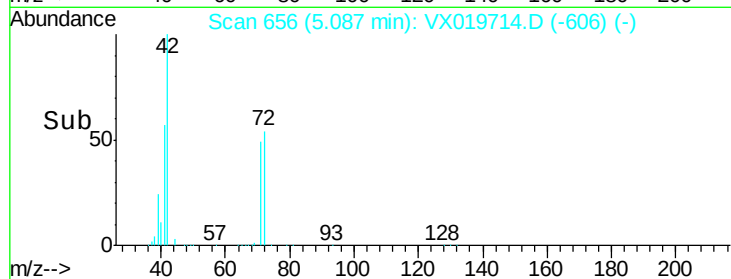
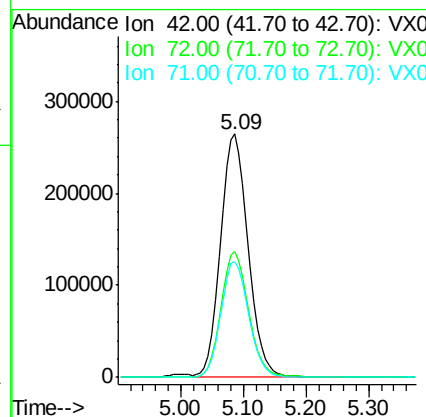
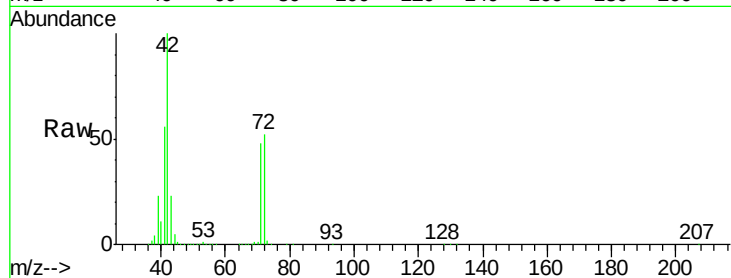
#29
Tetrahydrofuran
Concen: 480.538 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.1	41.7	62.5
71	48.1	38.4	57.6

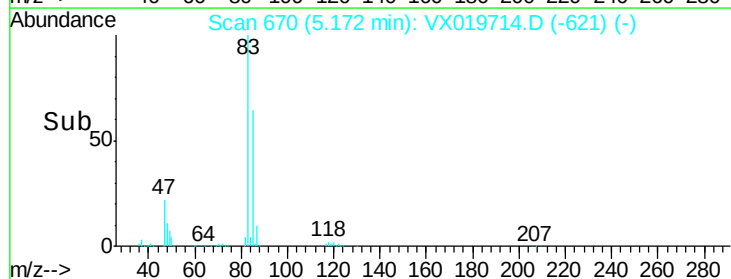
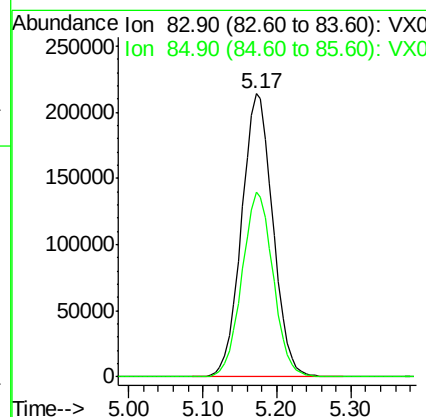
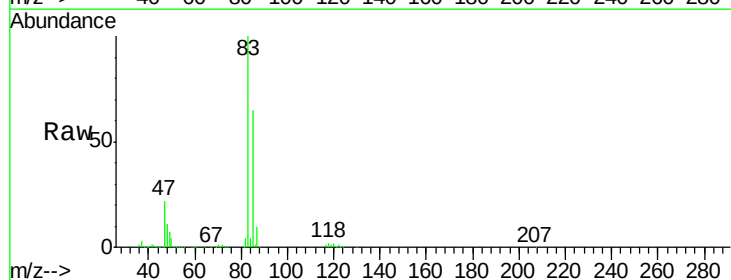
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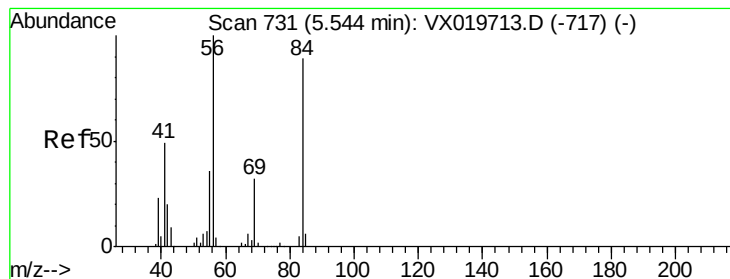
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#30
Chloroform
Concen: 92.511 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.0	78.0





#31

Cyclohexane

Concen: 92.327 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

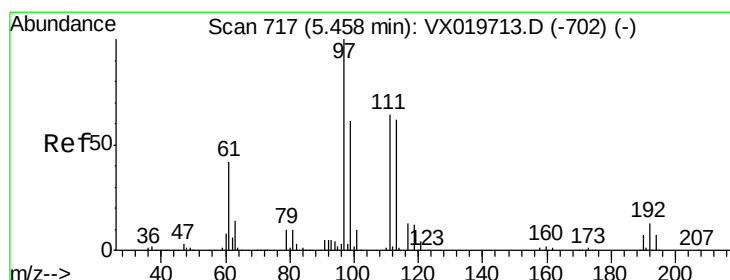
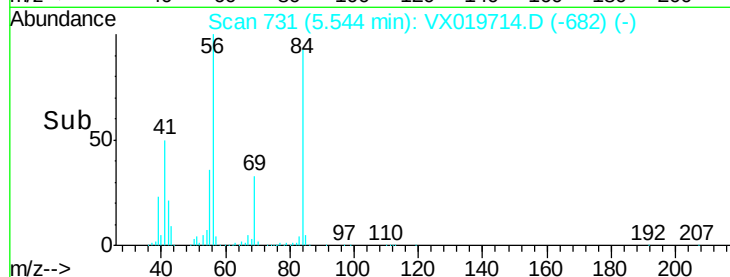
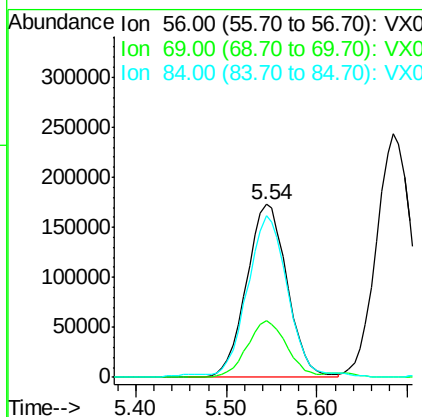
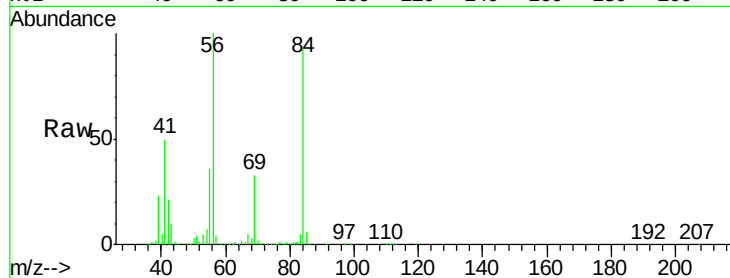
ClientSampled :

VSTDIC100

Tot Ion:	56	Resp:	535625
Ion Ratio	Lower	Upper	
56	100		
69	33.0	25.3	37.9
84	91.8	71.4	107.0

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#32

1,1,1-Trichloroethane

Concen: 94.402 ug/l

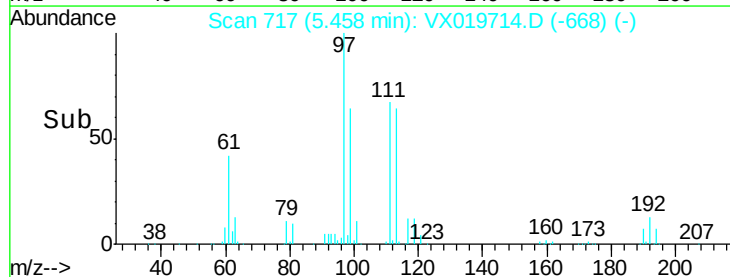
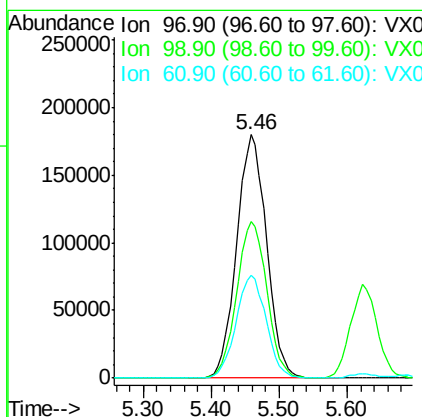
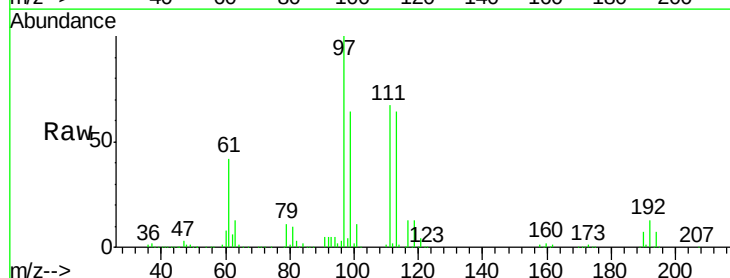
RT: 5.46 min Scan# 717

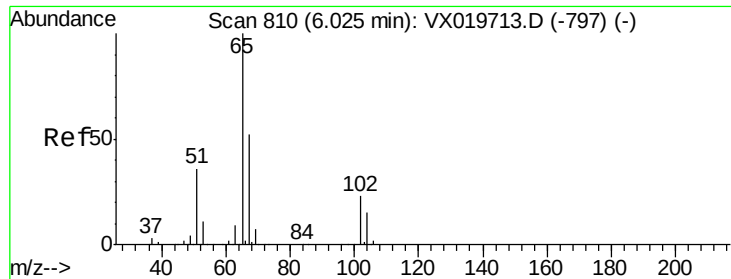
Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Tgt Ion:	97	Resp:	549395
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.5	77.3
61	42.6	34.2	51.4





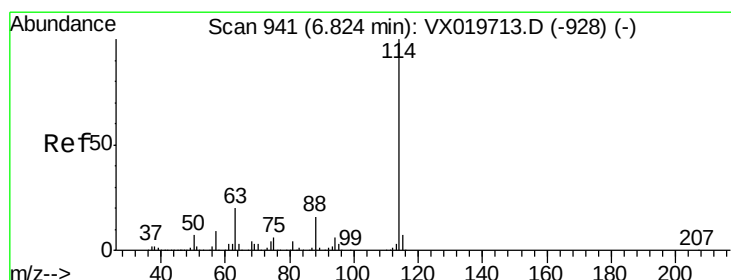
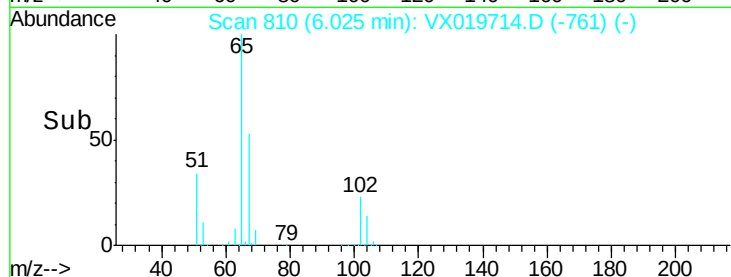
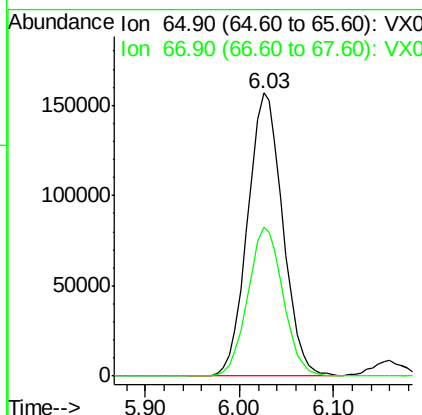
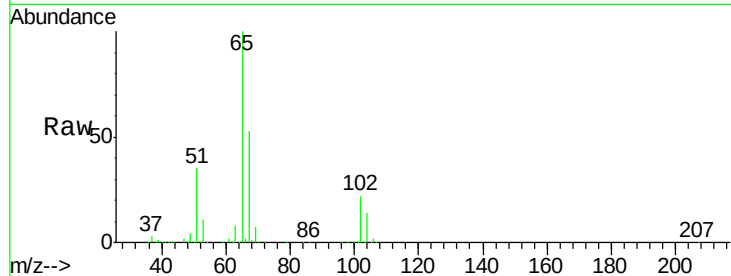
#33
 1,2-Dichloroethane-d4
 Concen: 93.619 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.4

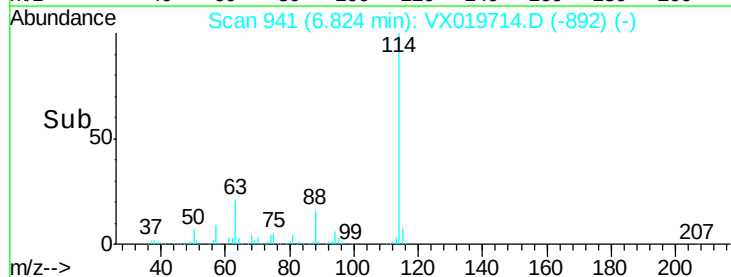
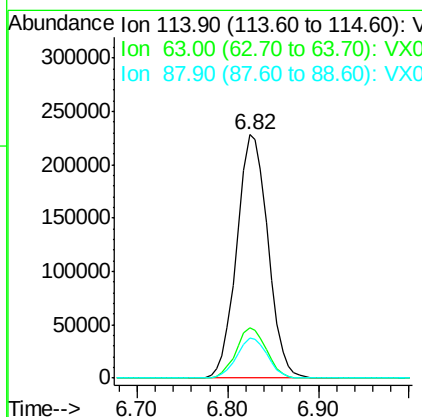
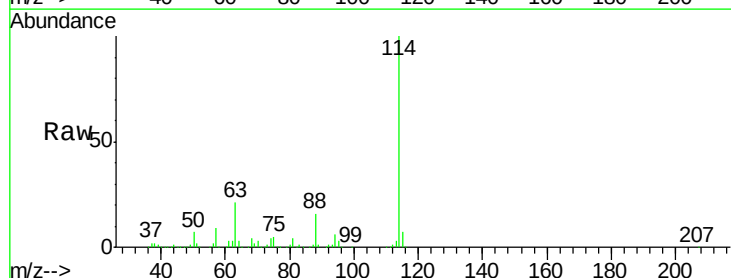
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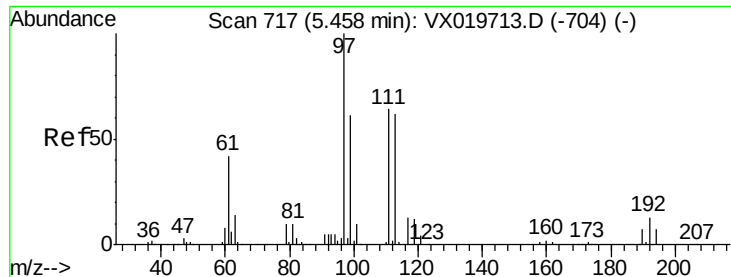
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.3	0.0	32.8





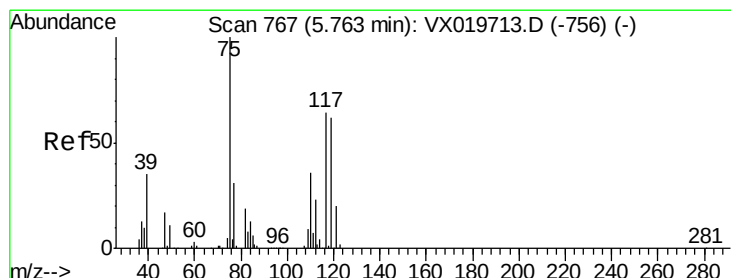
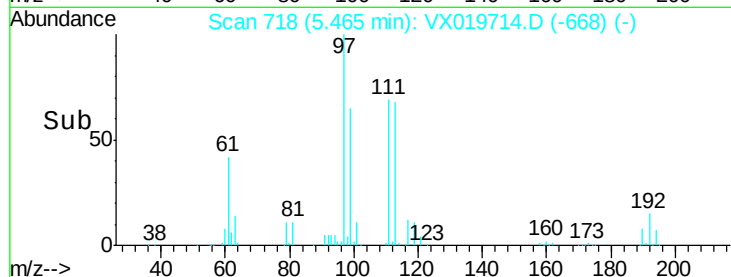
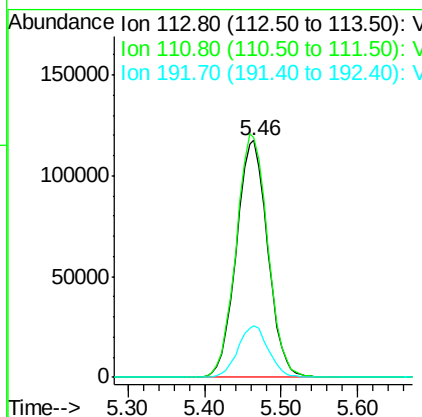
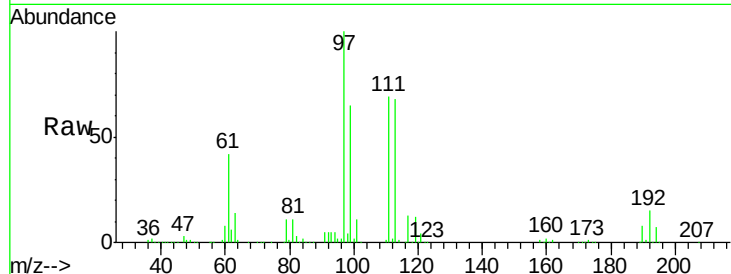
#35
Dibromofluoromethane
Concen: 94.081 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	335524		
111	103.5	81.9	122.9	
192	21.3	16.7	25.1	

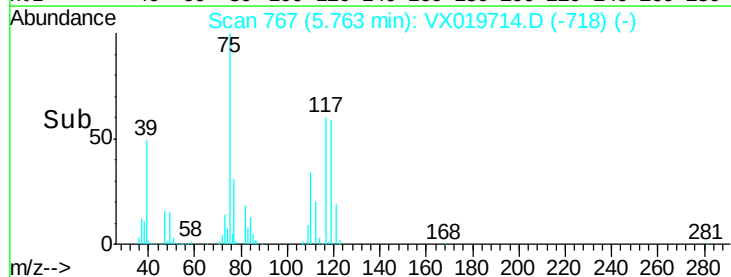
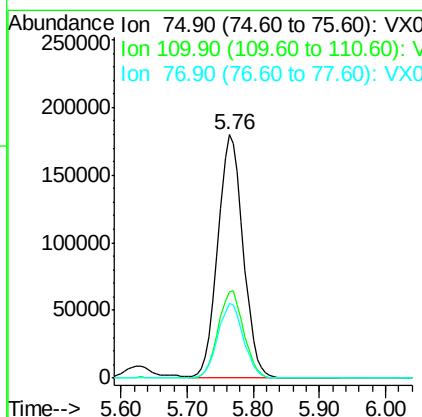
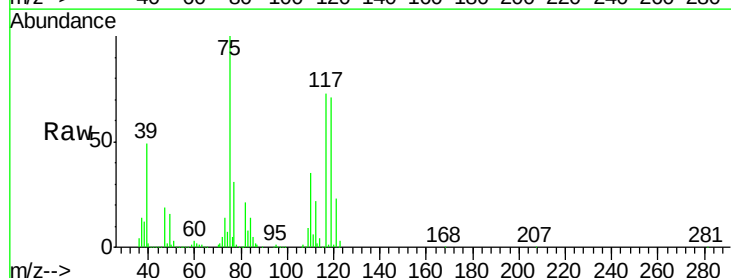
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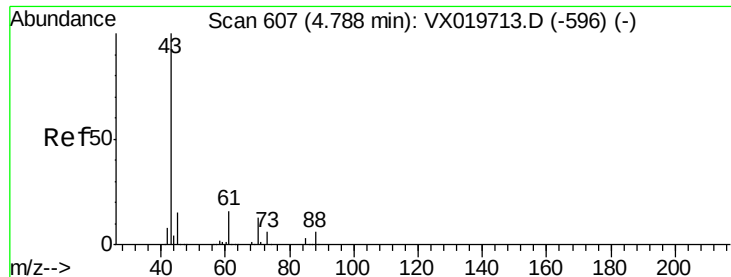
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#36
1,1-Dichloropropene
Concen: 94.786 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	477116		
110	36.3	18.1	54.4	
77	31.1	25.3	37.9	





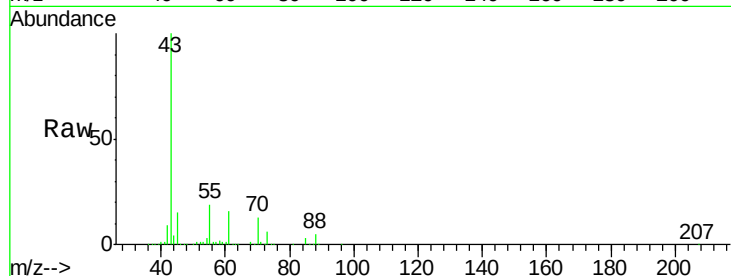
#37
Ethyl Acetate
Concen: 96.008 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

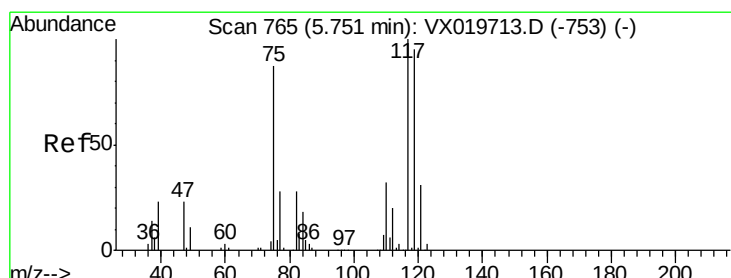
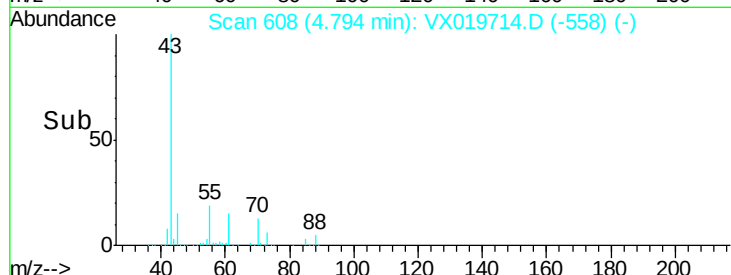
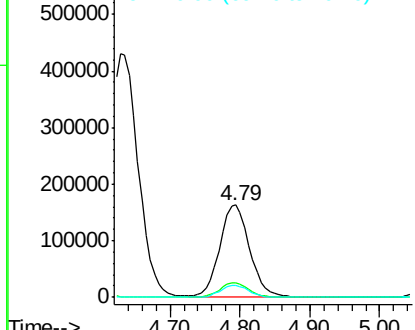
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.8	19.2
70	12.9	10.5	15.7

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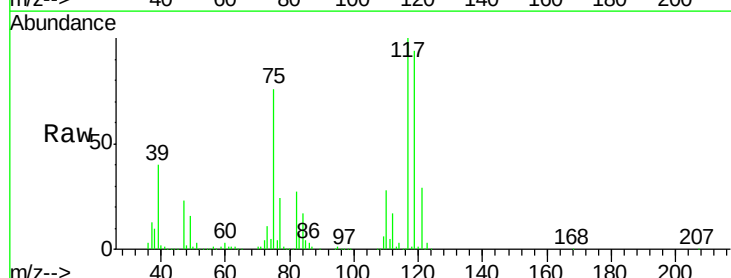


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

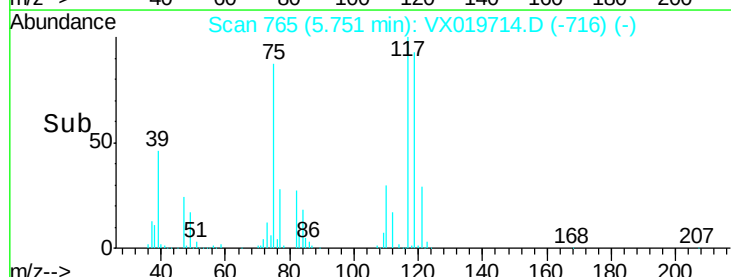
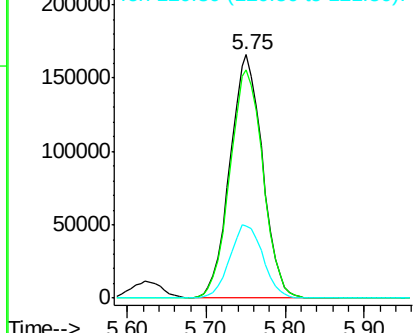


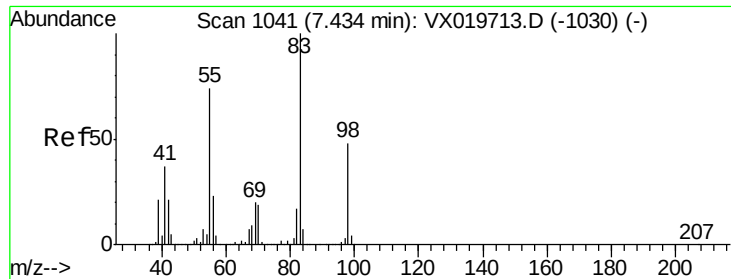
#38
Carbon Tetrachloride
Concen: 94.865 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.2	114.2
121	29.4	24.8	37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





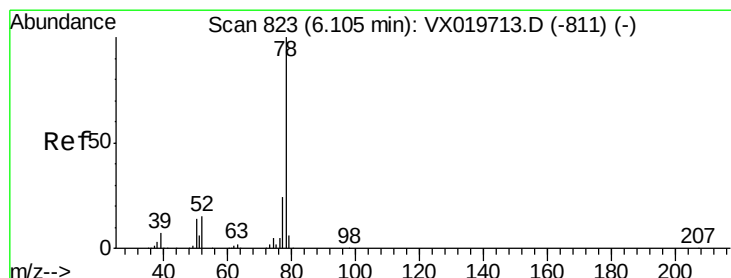
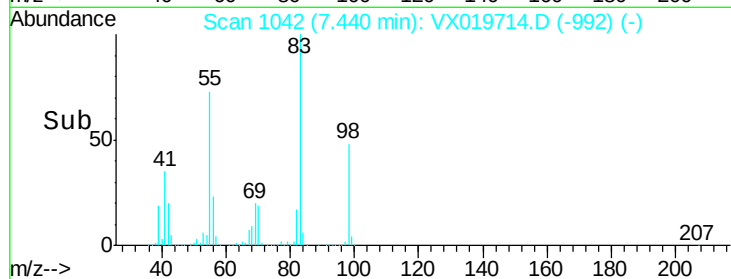
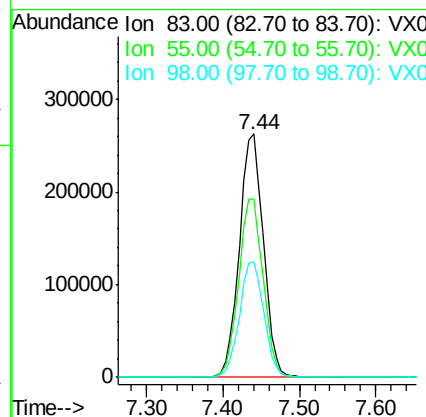
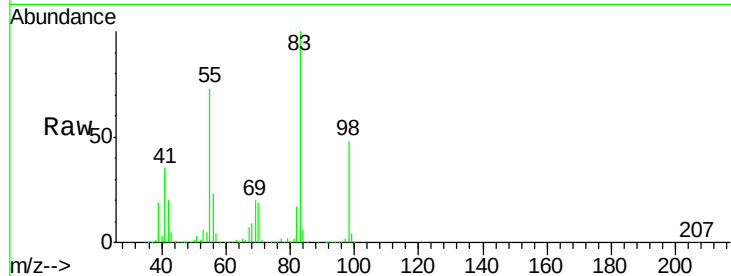
#39
Methylvlcyclohexane
Concen: 96.565 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	571286		
55	73.2		58.9	88.3
98	47.6		38.1	57.1

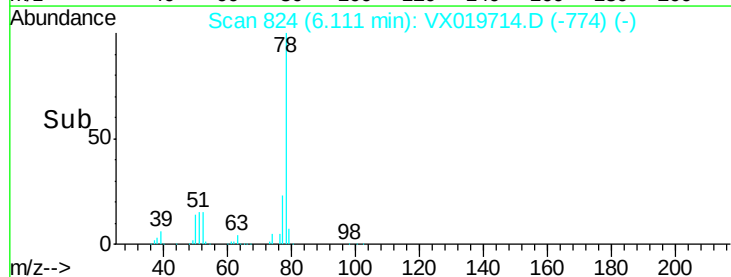
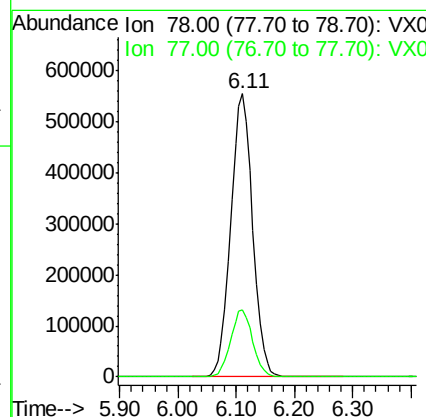
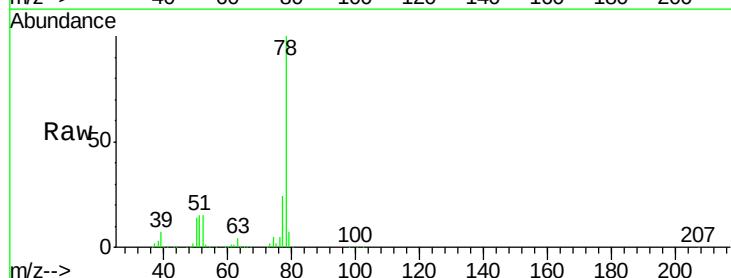
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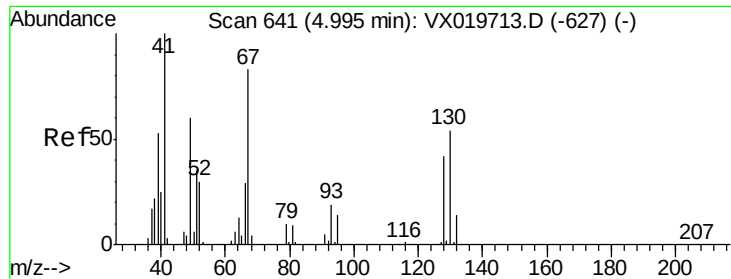
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#40
Benzene
Concen: 92.031 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1444597		
77	23.9		18.9	28.3





#41

Methacrylonitrile

Concen: 94.093 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX019714.D

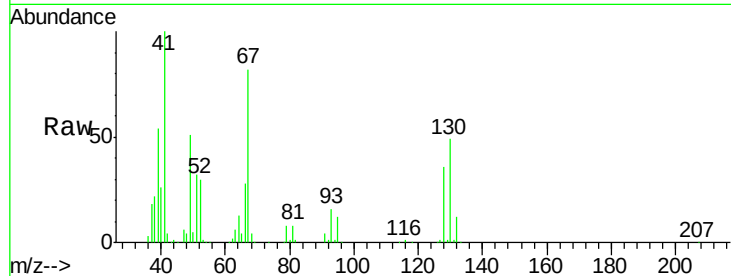
Acq: 04 Dec 2020 12:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		262507		
39	55.3	42.5	63.7		
67	83.7	65.0	97.6		
52	31.5	25.3	37.9		

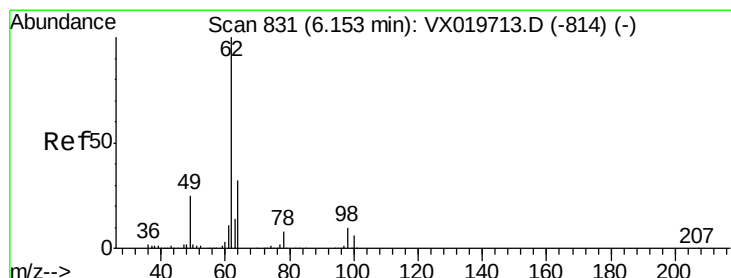
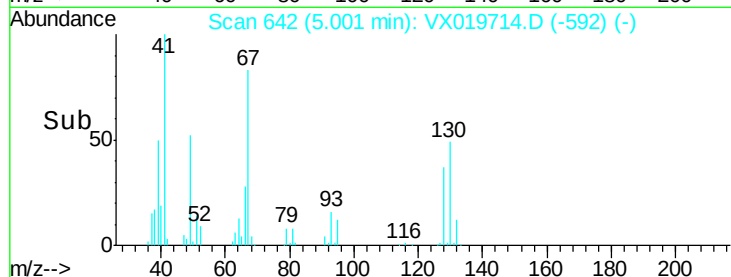
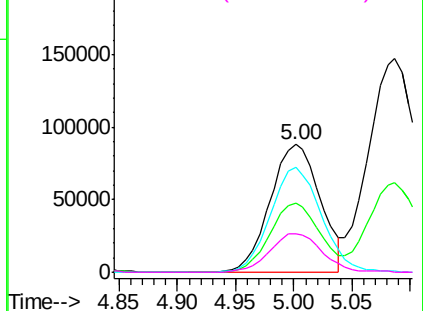
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 91.742 ug/l

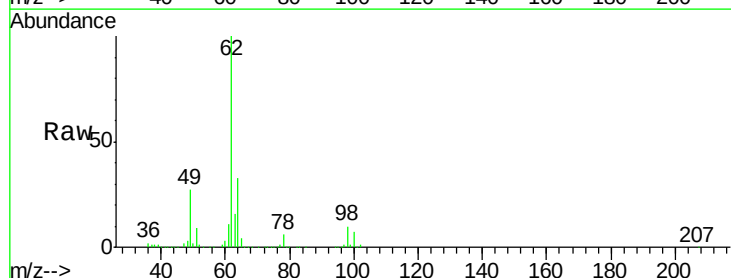
RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

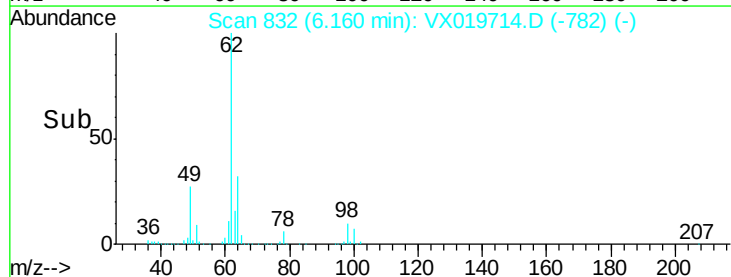
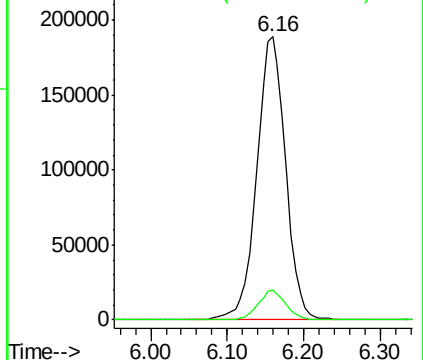
Lab File: VX019714.D

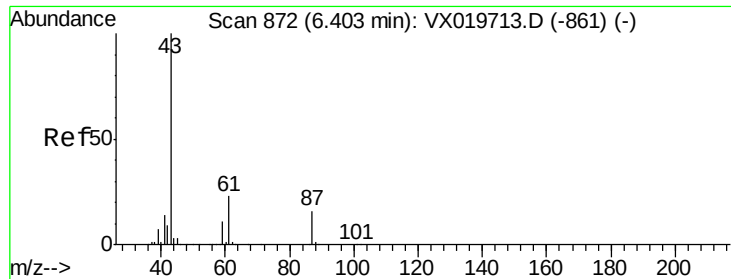
Acq: 04 Dec 2020 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		494714		
98	10.1	0.0	20.2		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





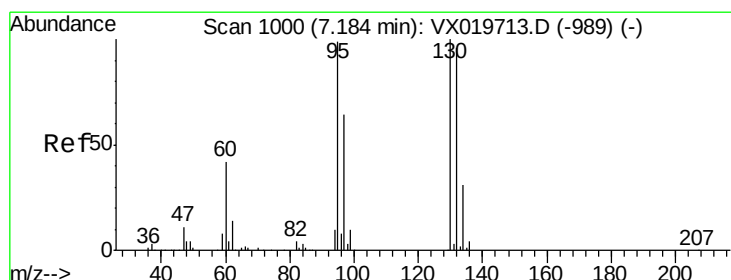
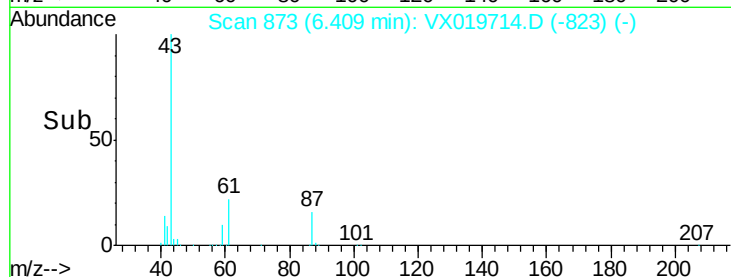
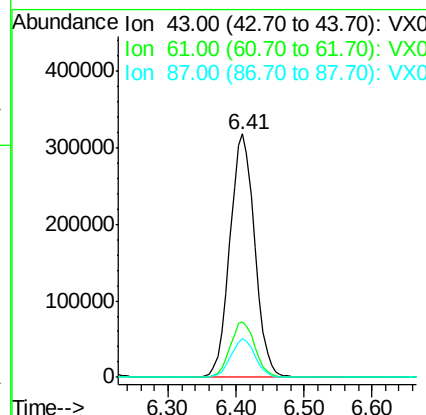
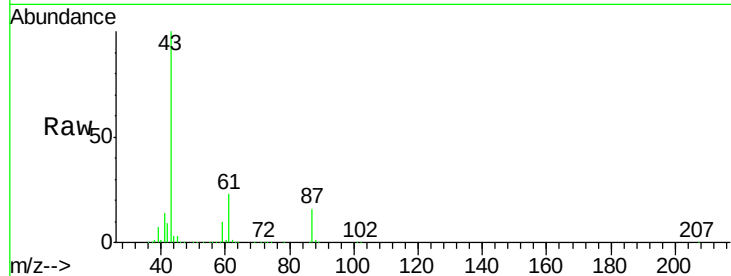
#43
Isopropyl Acetate
Concen: 95.856 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	43	Resp:	799977
Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.2	27.4
87	15.6	12.5	18.7

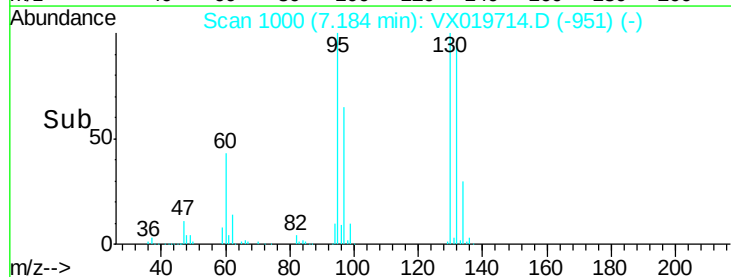
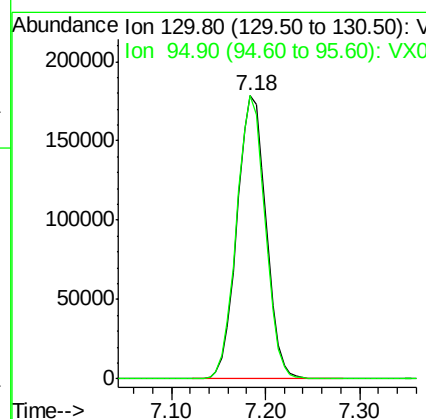
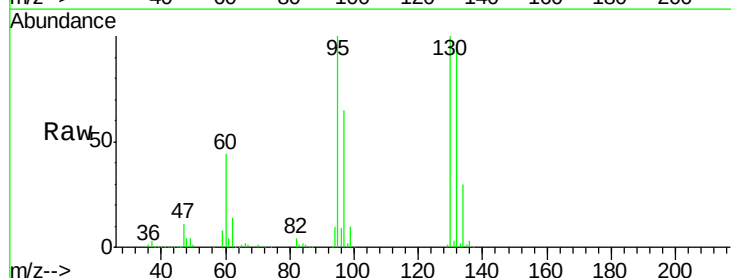
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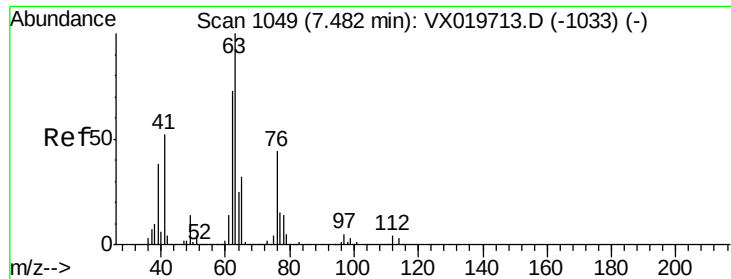
MMDadoda
12/7/2020 10:59:32 AM



#44
Trichloroethene
Concen: 93.337 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion:	130	Resp:	382661
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	198.0





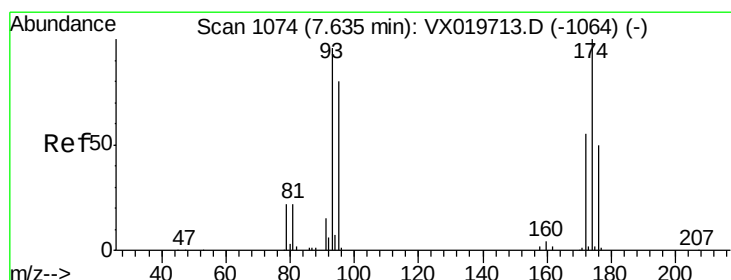
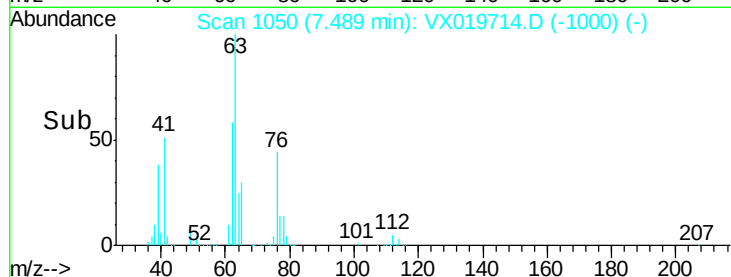
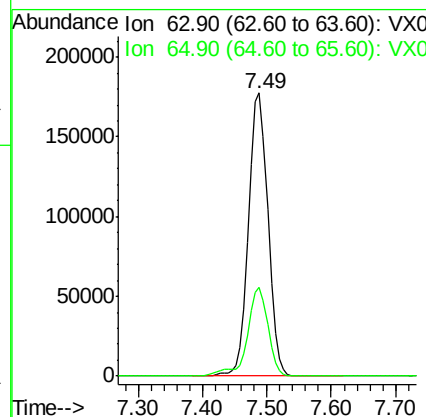
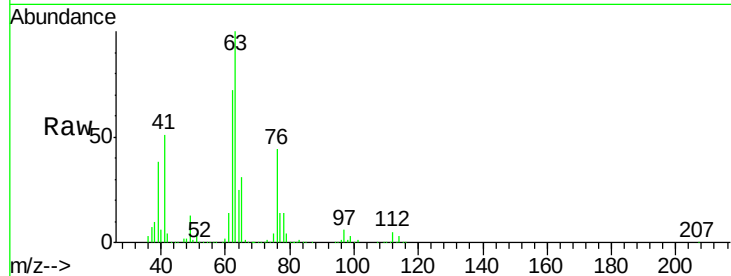
#45
 1,2-Dichloropropane
 Concen: 92.967 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 367023
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.7 38.5

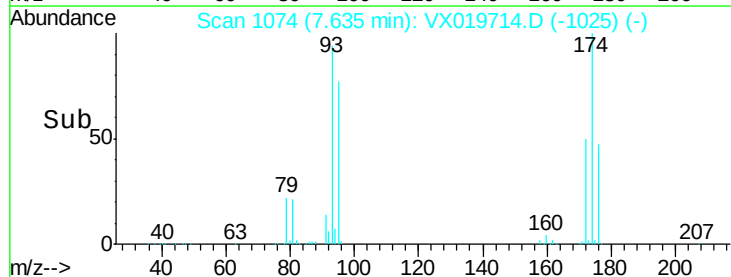
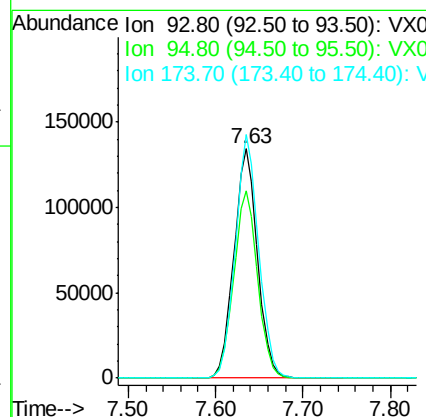
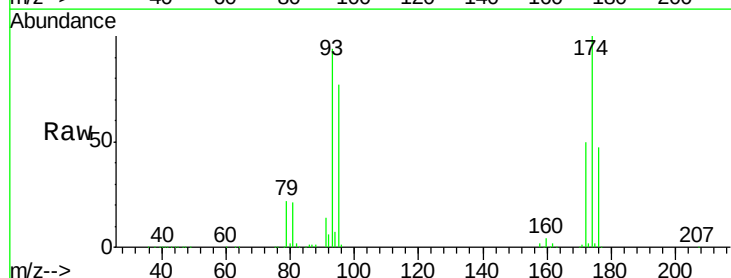
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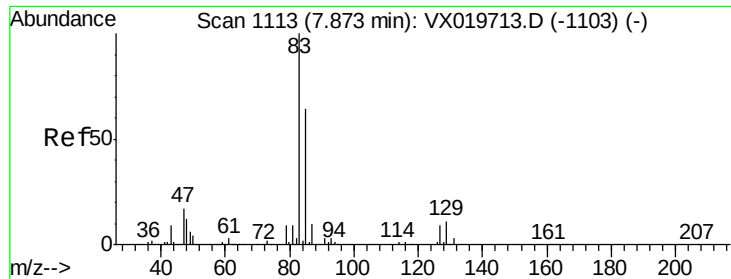
MMDadoda
 12/7/2020 10:59:32 AM



#46
 Dibromomethane
 Concen: 94.940 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion: 93 Resp: 251409
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.8 100.2
 174 105.7 83.1 124.7





#47

Bromodichloromethane

Concen: 97.254 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

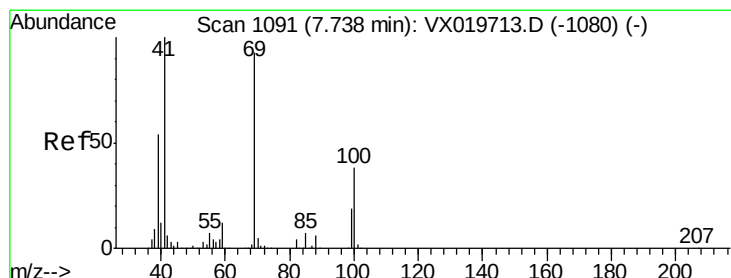
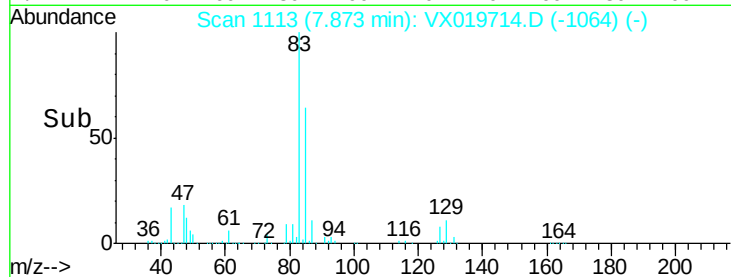
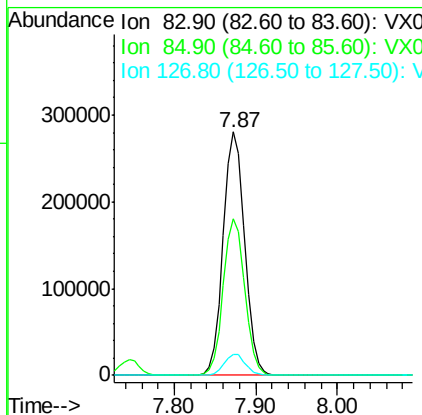
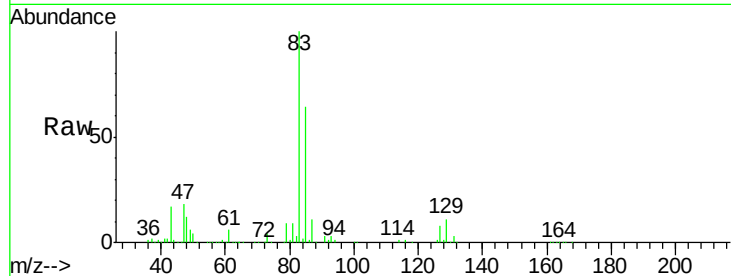
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	510486
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.0
127	8.4	6.8	10.2

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MMDadoda
12/7/2020 10:59:32 AM



#48

Methyl methacrylate

Concen: 98.112 ug/l

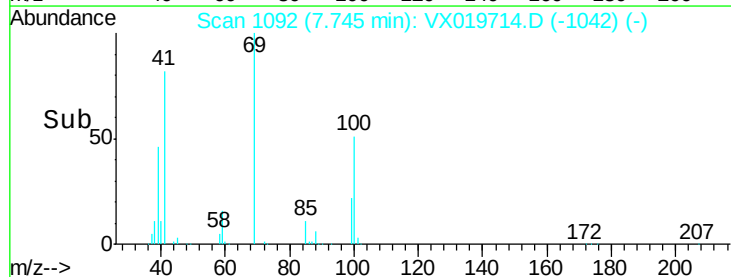
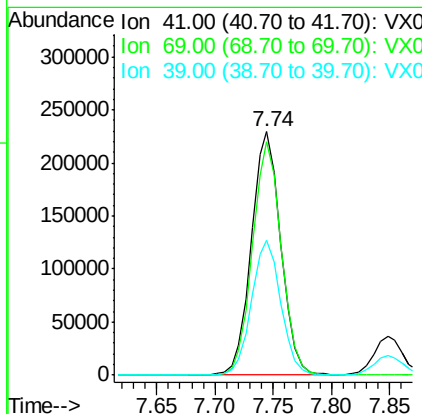
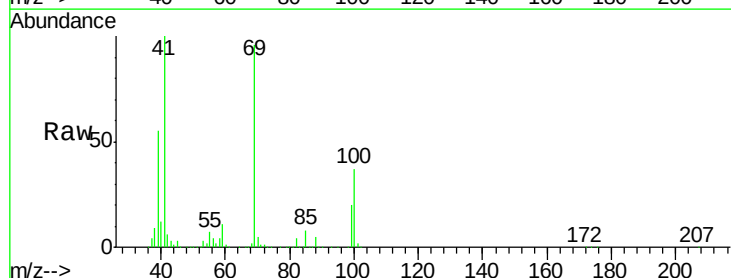
RT: 7.74 min Scan# 1092

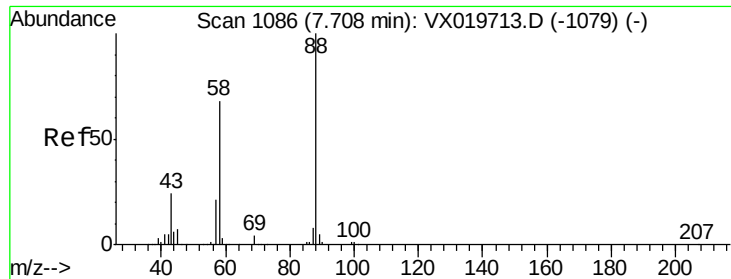
Delta R.T. 0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Tgt Ion:	41	Resp:	404713
Ion	Ratio	Lower	Upper
41	100		
69	94.4	76.0	114.0
39	55.0	44.6	67.0





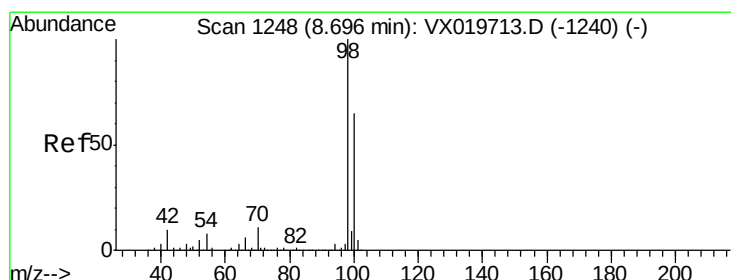
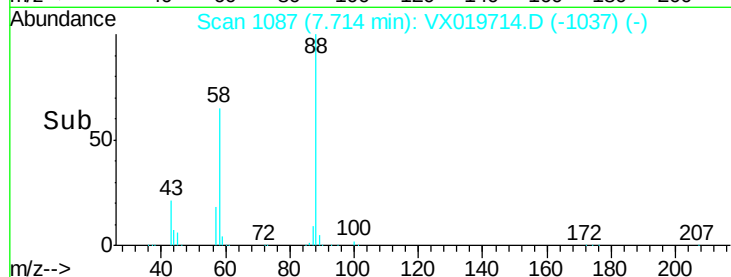
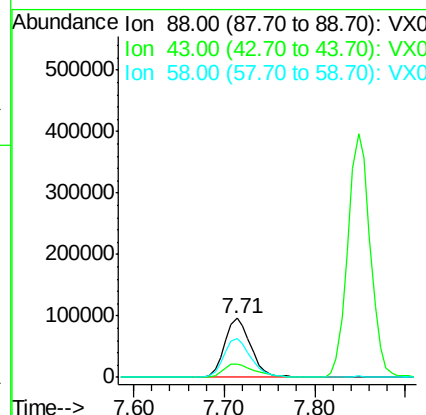
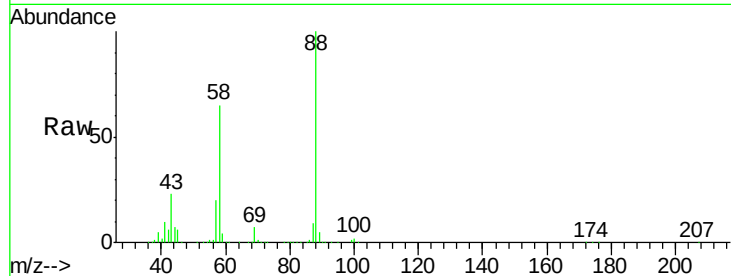
#49
1,4-Dioxane
Concen: 2031.028 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
88	100	192580		
43	28.2		23.2	34.8
58	67.8		55.0	82.4

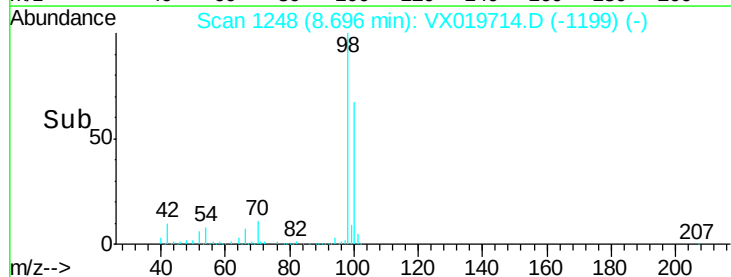
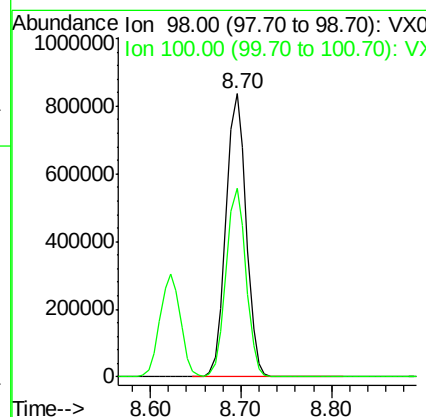
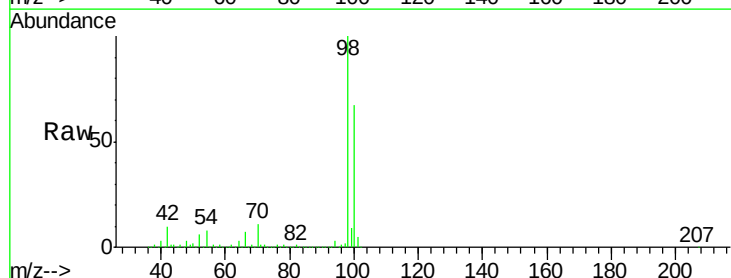
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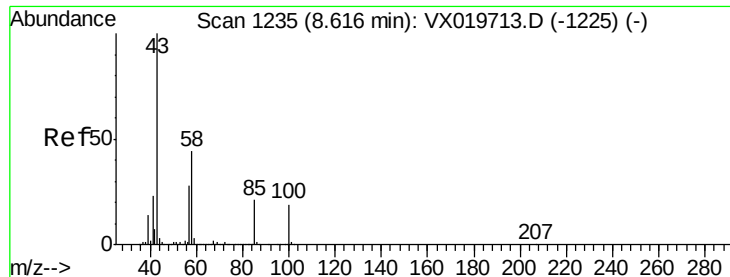
MMDadoda
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#50
Toluene-d8
Concen: 95.276 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1301592		
100	66.4		51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 495.806 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2527676

Ion Ratio Lower Upper

43 100

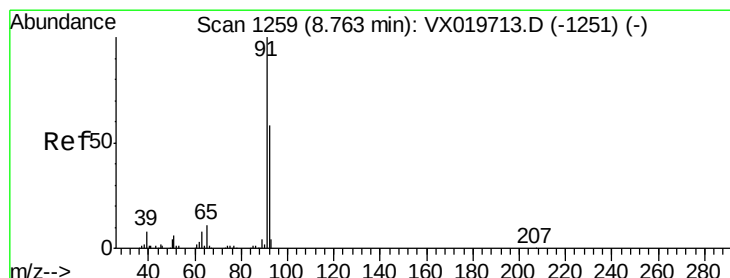
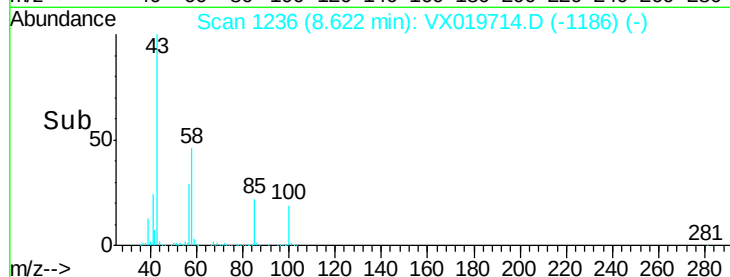
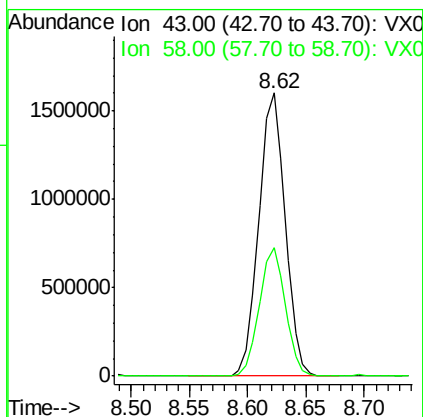
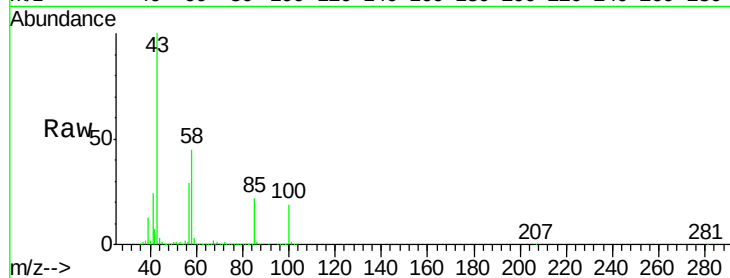
58 44.8 35.4 53.0

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#52

Toluene

Concen: 94.717 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019714.D

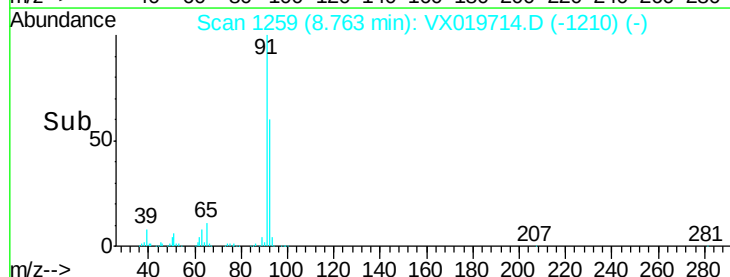
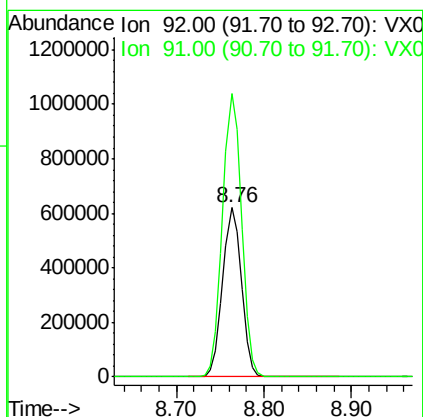
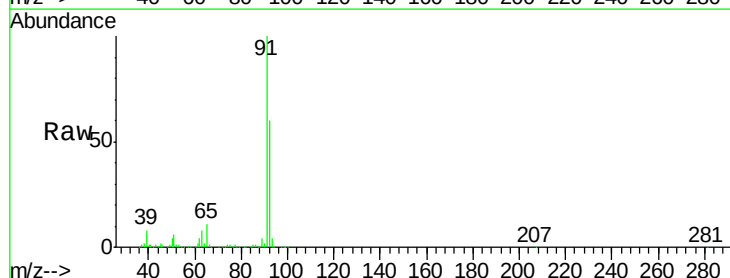
Acq: 04 Dec 2020 12:47

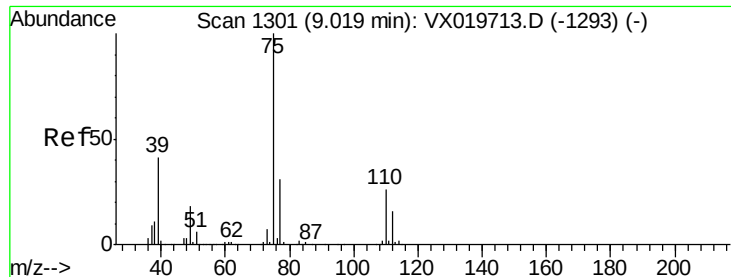
Tgt Ion: 92 Resp: 925657

Ion Ratio Lower Upper

92 100

91 169.7 137.1 205.7





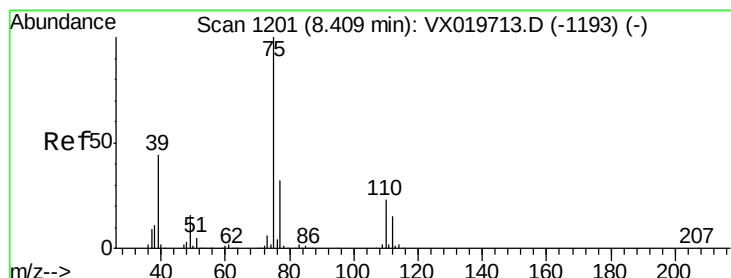
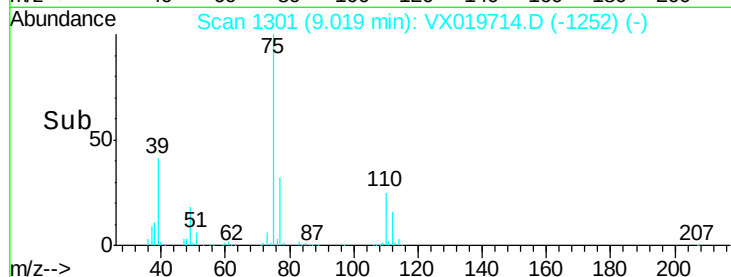
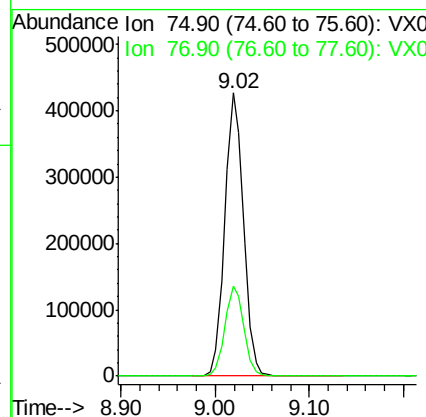
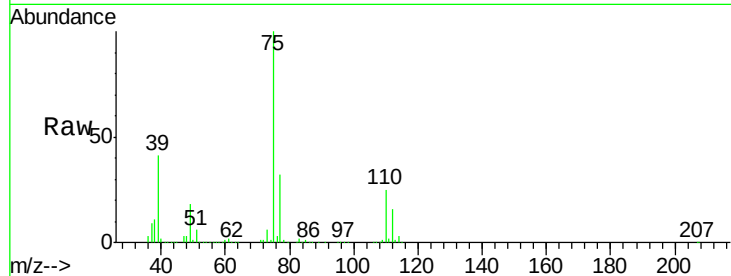
#53
 t-1,3-Dichloropropene
 Concen: 102.098 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 587661
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.9 37.3

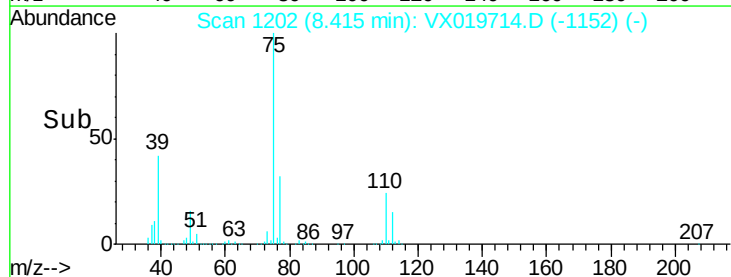
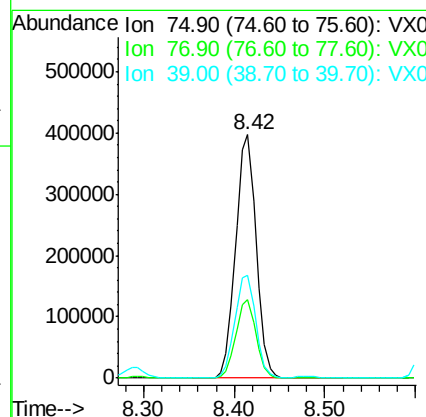
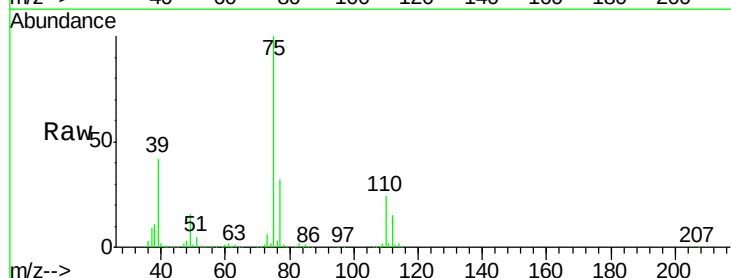
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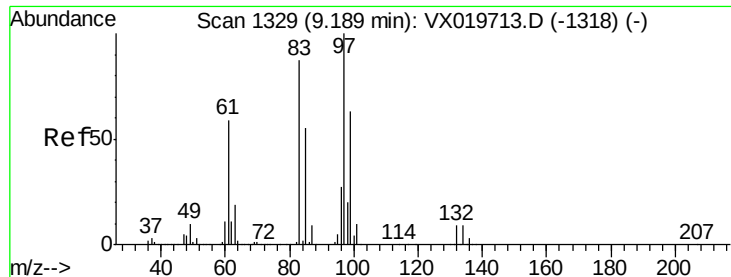
MMDadoda
 12/7/2020 10:59:32 AM



#54
 cis-1,3-Dichloropropene
 Concen: 99.126 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion: 75 Resp: 623641
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.7 38.5
 39 42.1 35.1 52.7





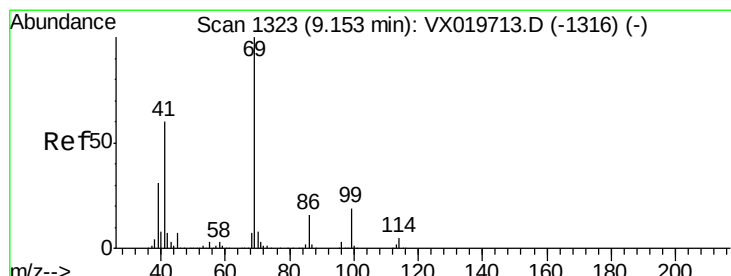
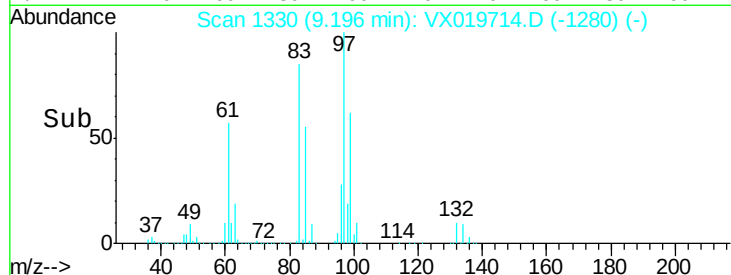
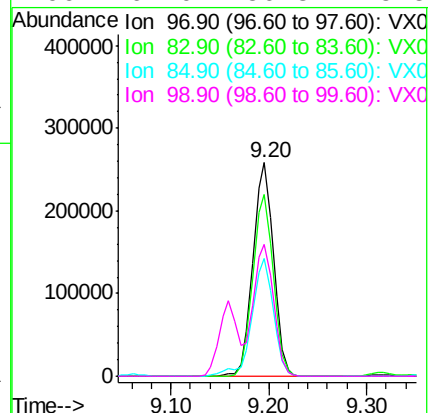
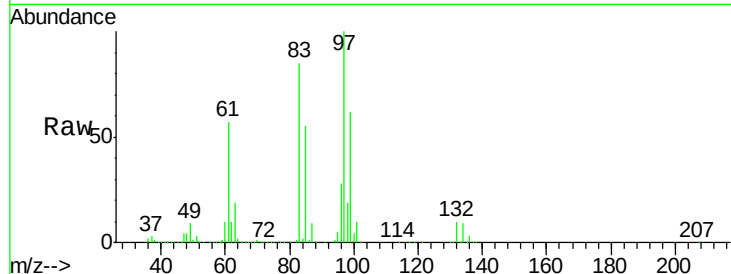
#55
 1,1,2-Trichloroethane
 Concen: 95.582 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	377776
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.3	103.9
85	55.4	44.3	66.5
99	62.0	50.3	75.5

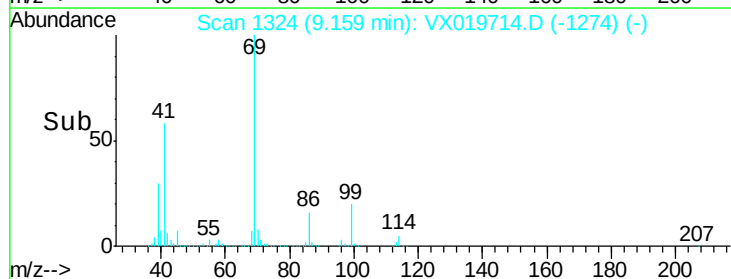
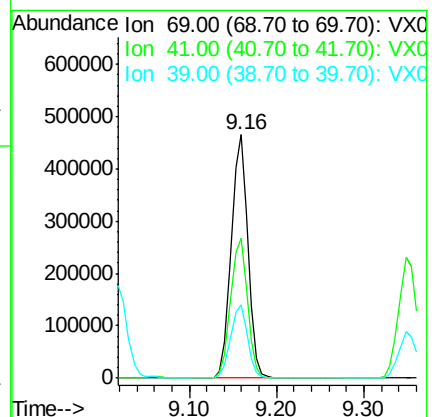
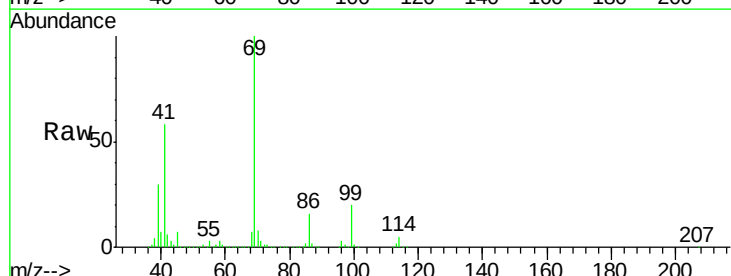
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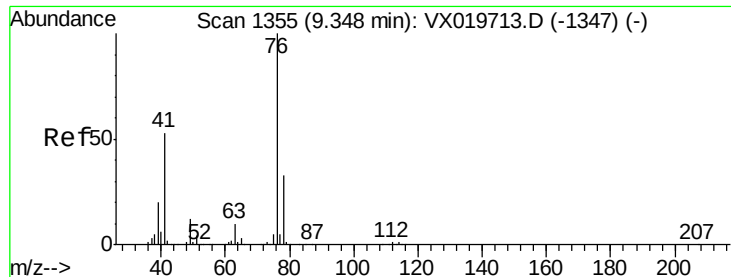
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#56
 Ethyl methacrylate
 Concen: 103.303 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion:	69	Resp:	613279
Ion	Ratio	Lower	Upper
69	100		
41	58.3	46.8	70.2
39	30.7	24.7	37.1





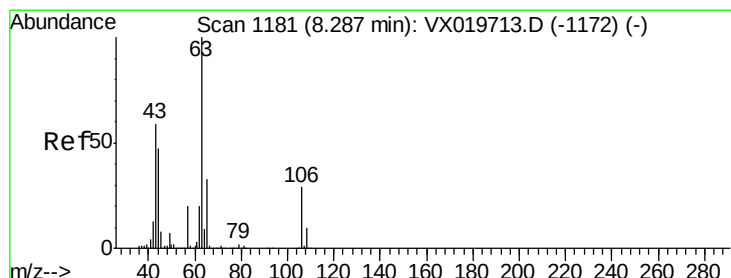
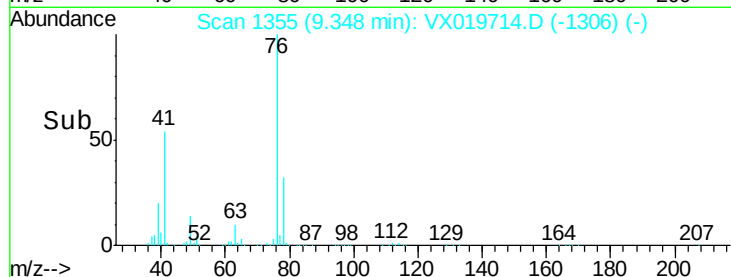
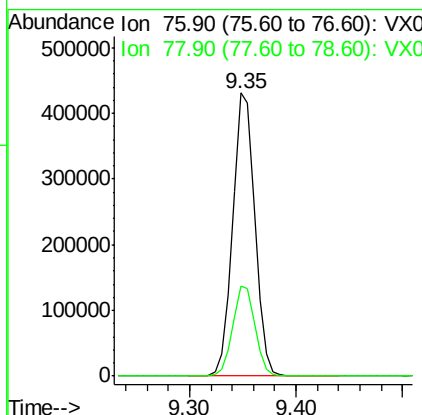
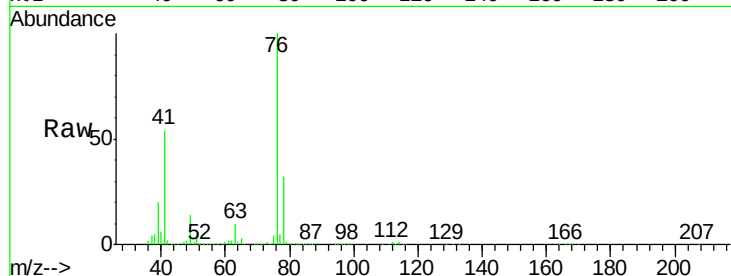
#57
 1,3-Dichloropropane
 Concen: 94.393 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2

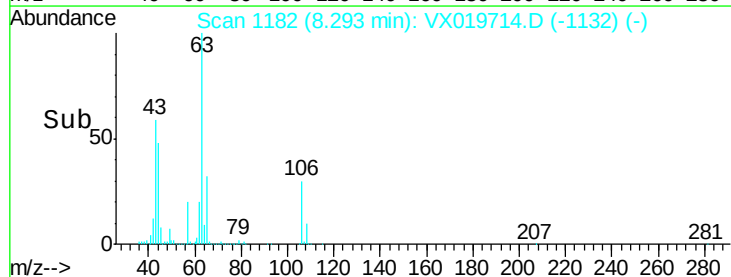
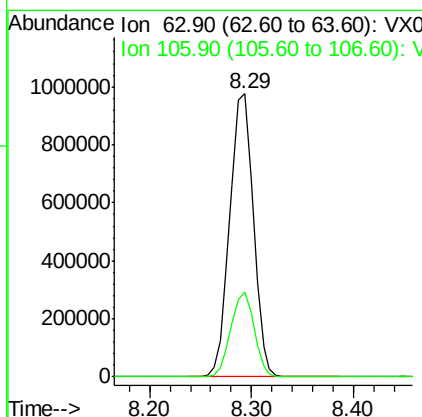
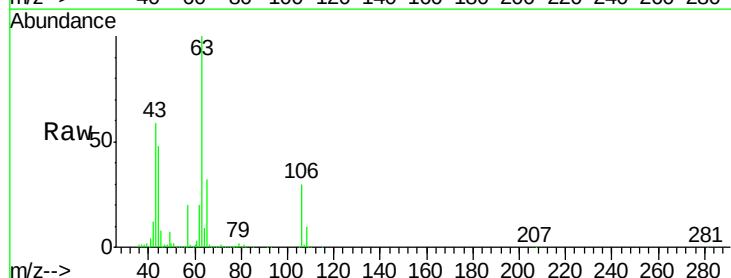
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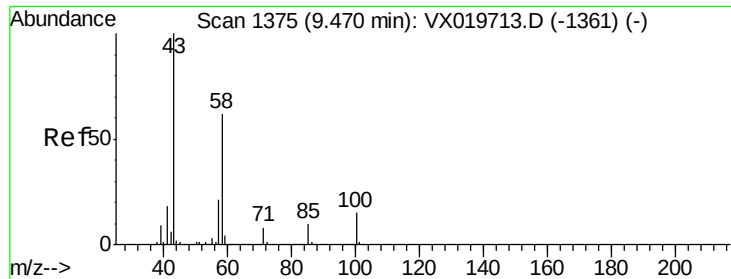
MMDadoda
 12/7/2020 10:59:32 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 502.713 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.5	35.3





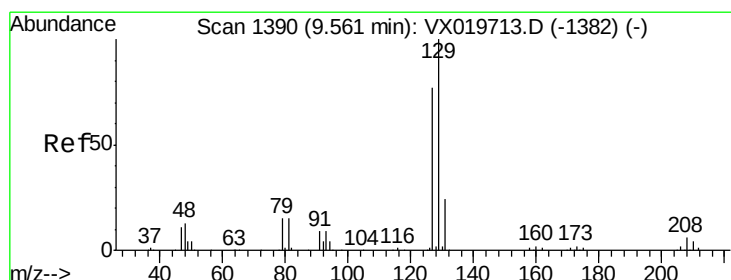
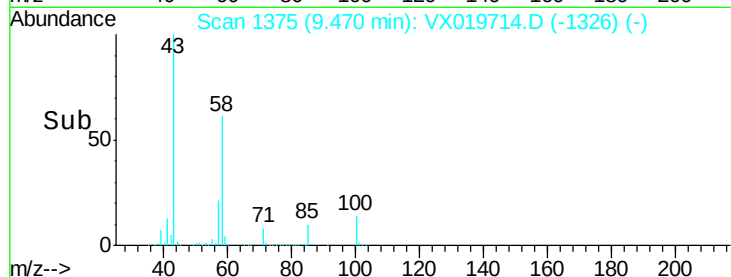
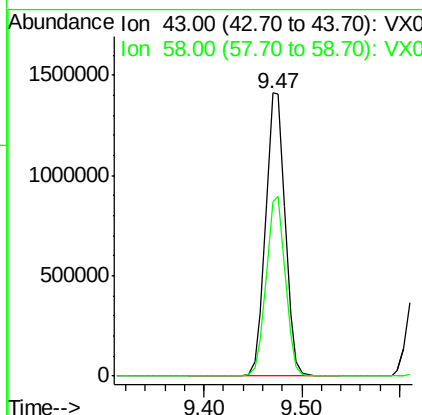
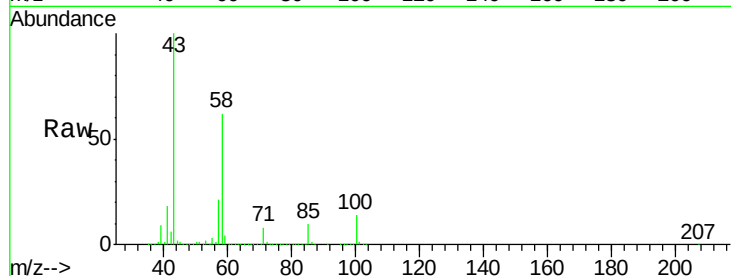
#59
2-Hexanone
Concen: 506.380 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1952871
Ion Ratio Lower Upper
43 100
58 62.2 30.9 92.8

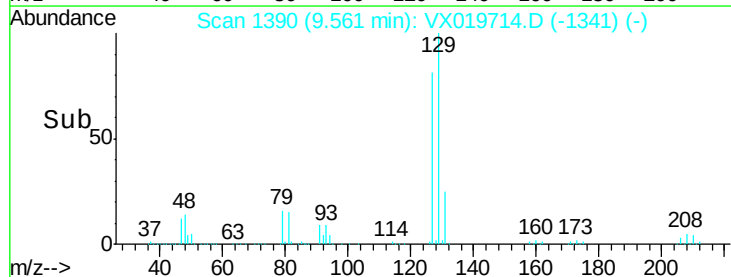
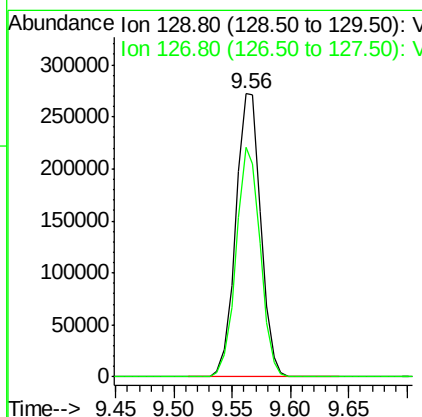
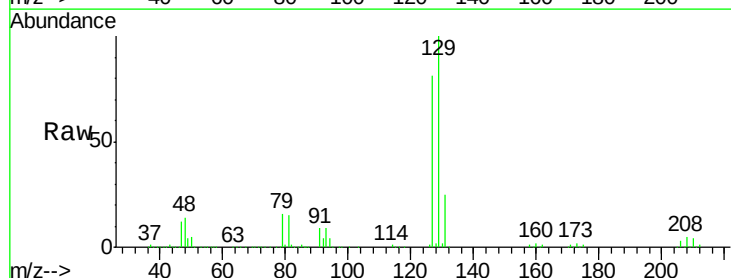
Manual Integrations
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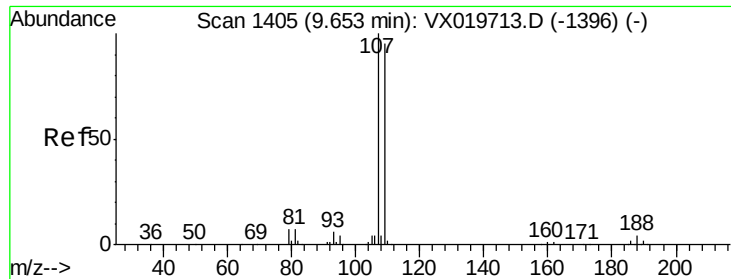
MMDadoda
12/7/2020 10:59:32 AM



#60
Dibromochloromethane
Concen: 100.496 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion: 129 Resp: 407974
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 96.768 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 401743

Ion Ratio Lower Upper

107 100

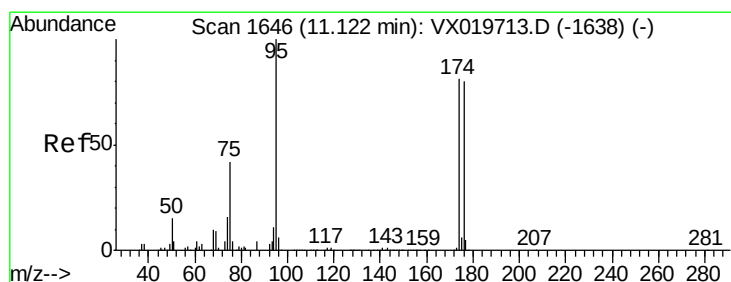
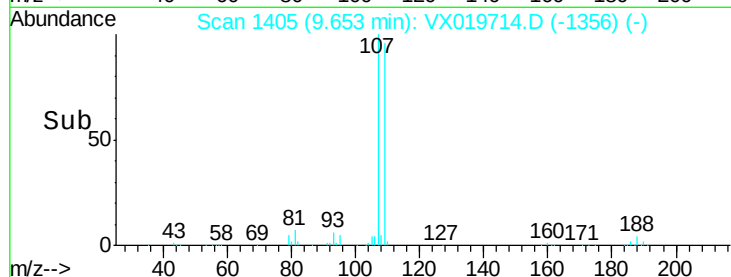
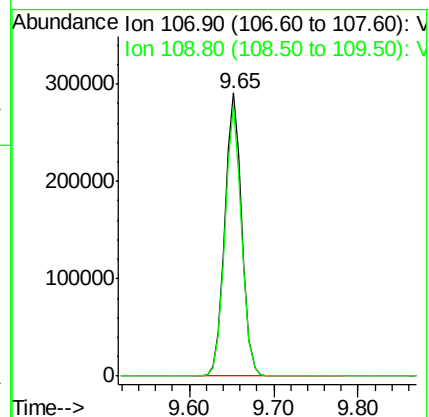
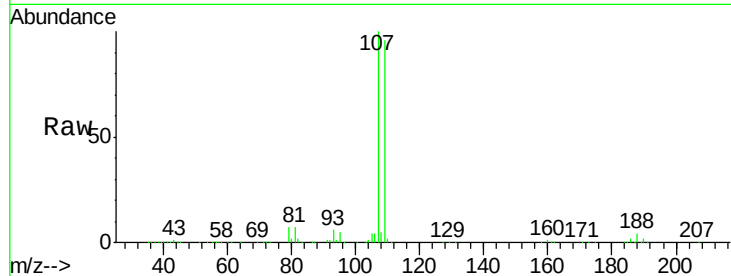
109 94.0 75.8 113.6

Manual Integrations

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MMDadoda

12/7/2020 10:59:32 AM



#62

4-Bromofluorobenzene

Concen: 100.199 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

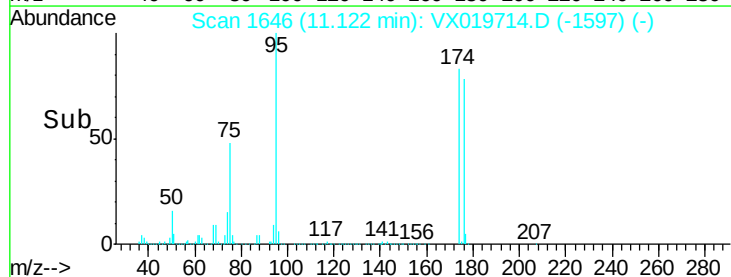
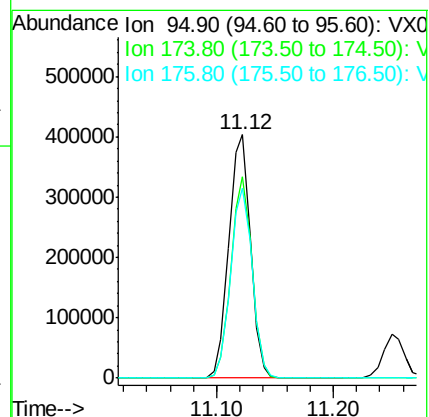
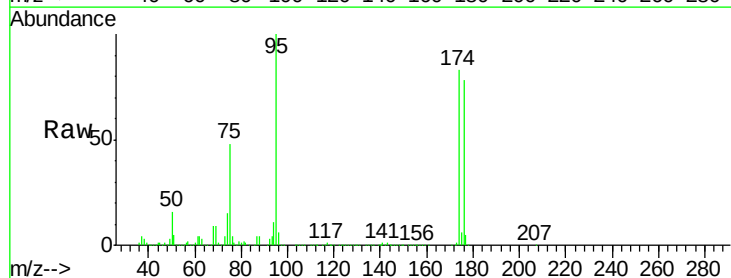
Tgt Ion: 95 Resp: 518141

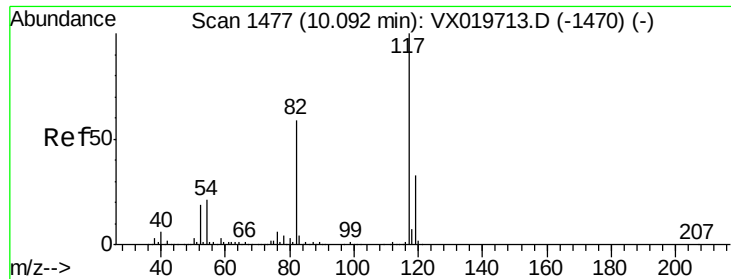
Ion Ratio Lower Upper

95 100

174 80.7 0.0 154.6

176 78.4 0.0 155.8





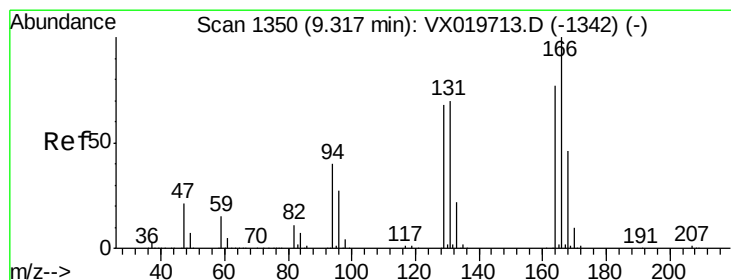
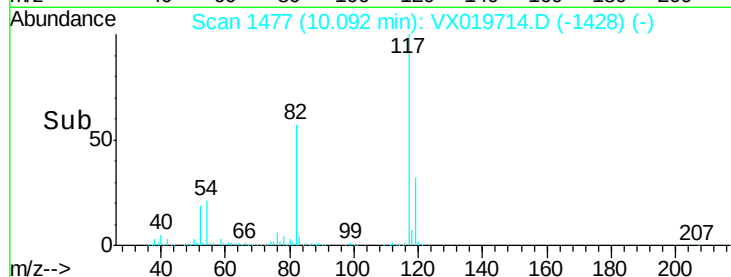
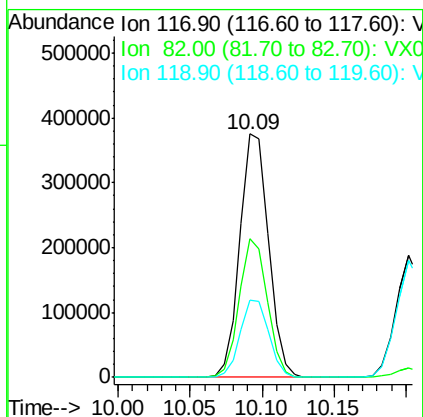
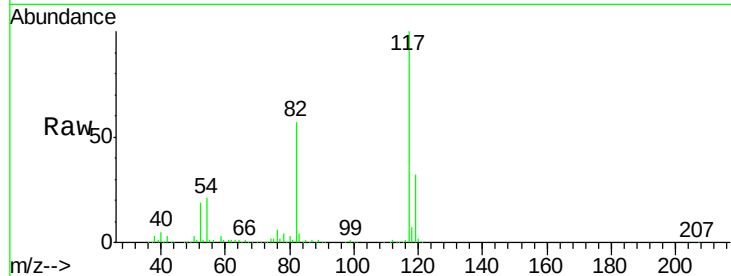
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	519481		
82	56.9		47.4	71.2
119	32.0		26.6	39.8

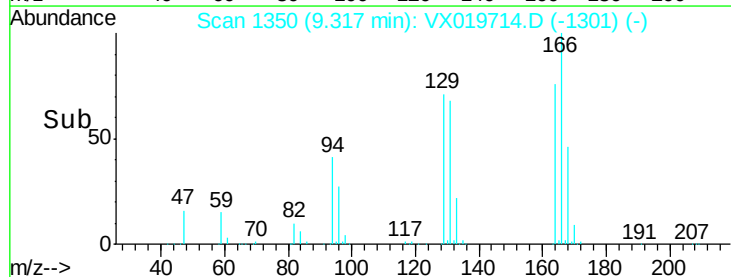
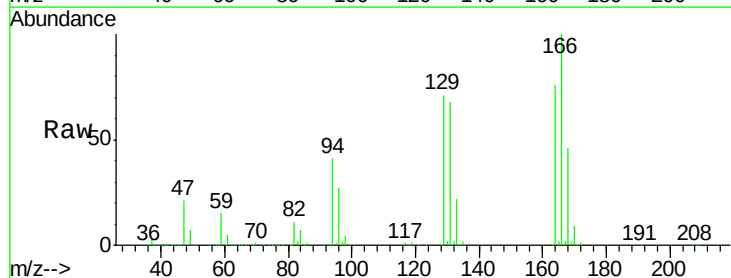
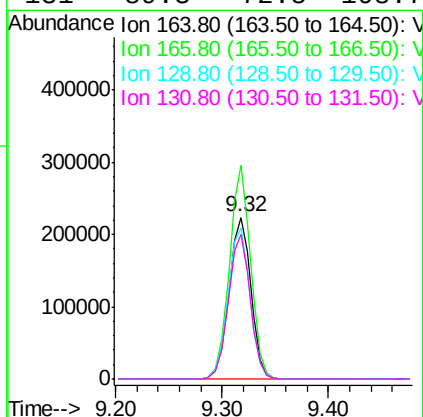
Manual Integrations
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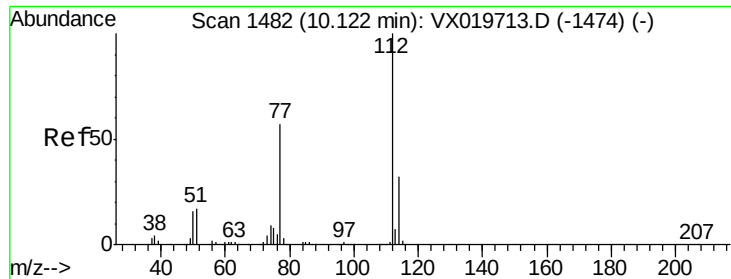
MMDadoda
12/7/2020 10:59:32 AM



#64
Tetrachloroethene
Concen: 89.711 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	321816		
166	132.2		103.4	155.2
129	93.8		70.8	106.2
131	89.3		72.5	108.7





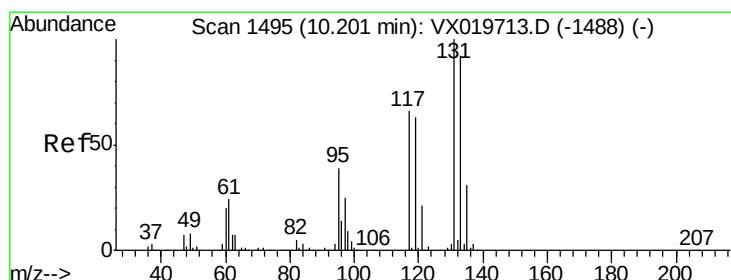
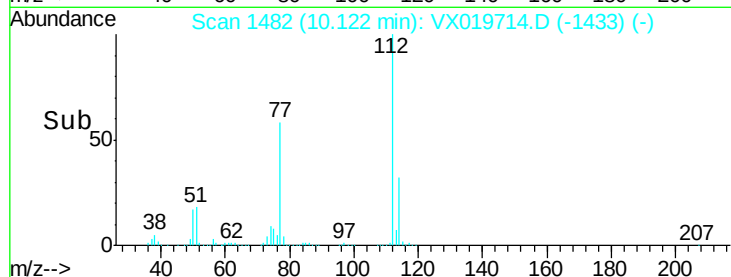
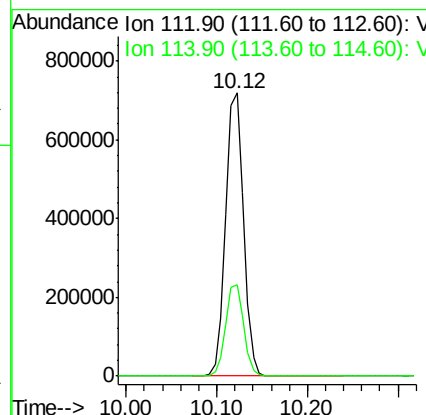
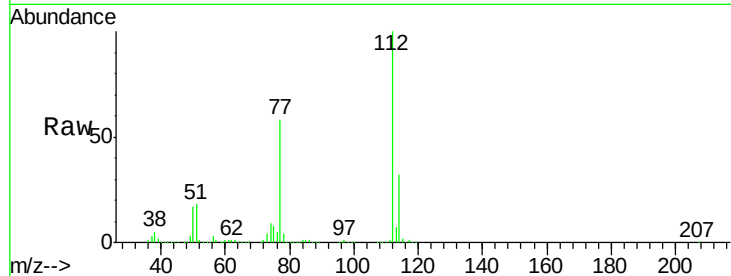
#65
Chlorobenzene
Concen: 92.081 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.6

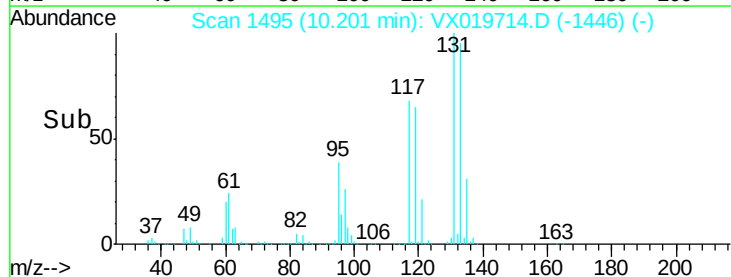
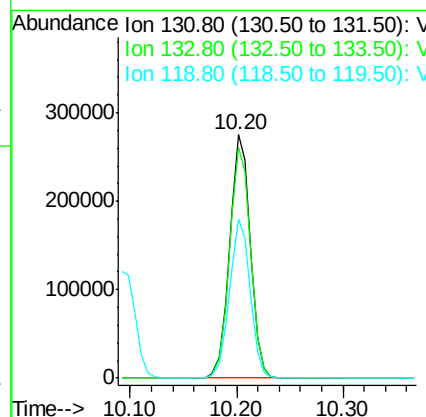
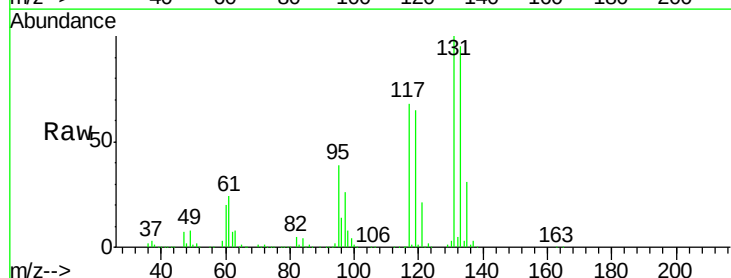
Manual Integrations
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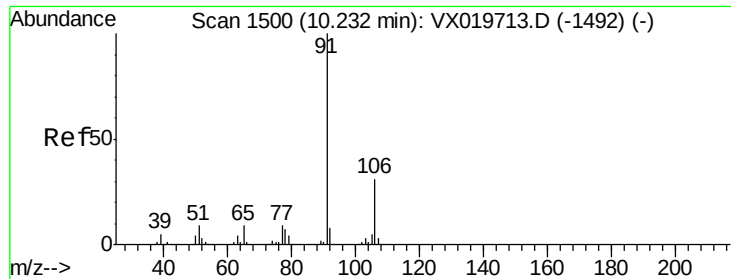
MMDadoda
12/7/2020 10:59:32 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 95.380 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.7	143.1
119	65.3	32.1	96.5





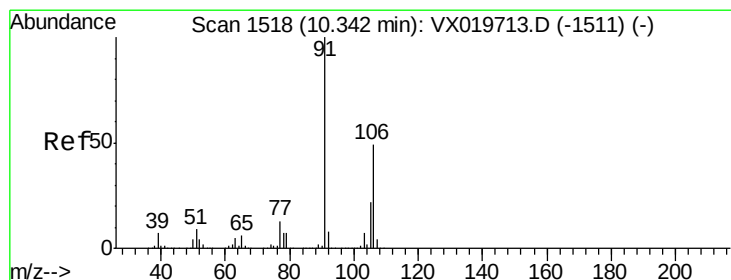
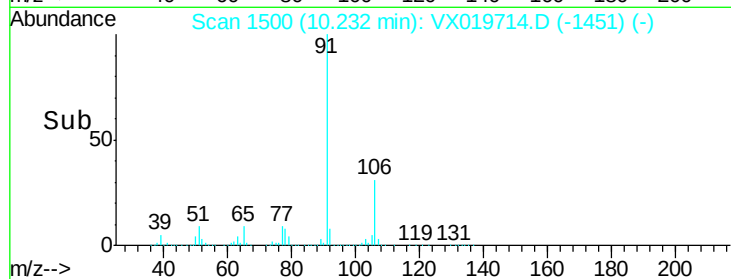
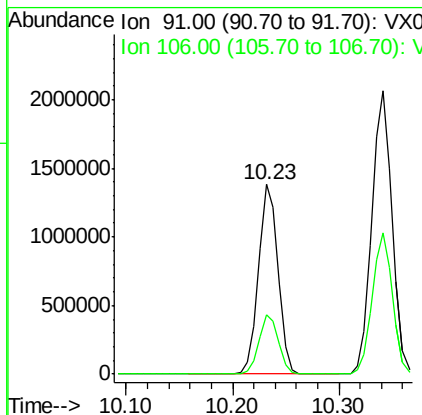
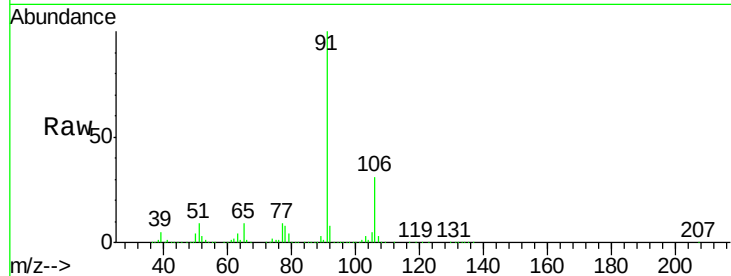
#67
Ethyl Benzene
Concen: 93.765 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1781041
Ion Ratio Lower Upper
91 100
106 31.5 24.6 37.0

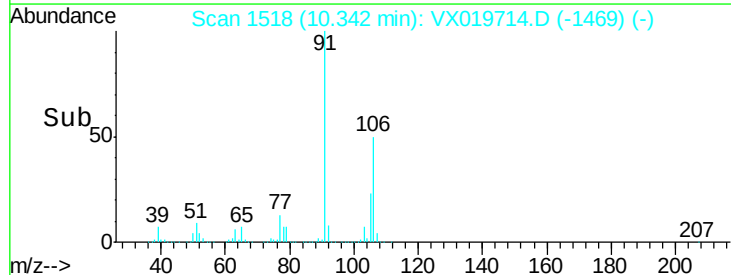
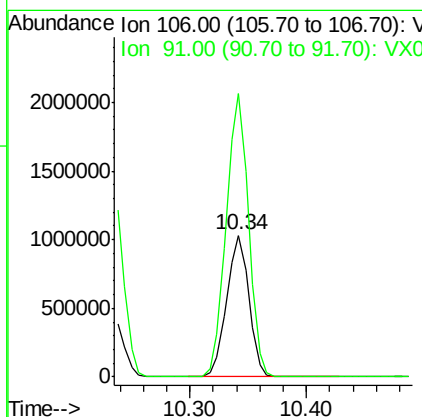
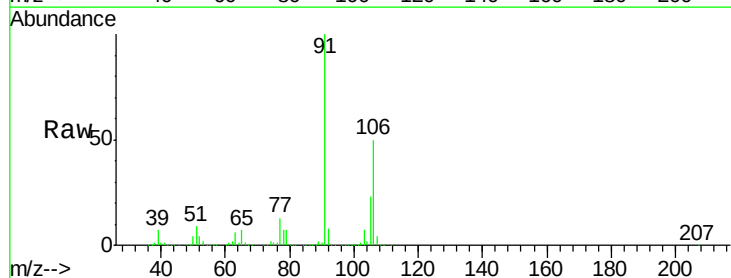
Manual Integrations
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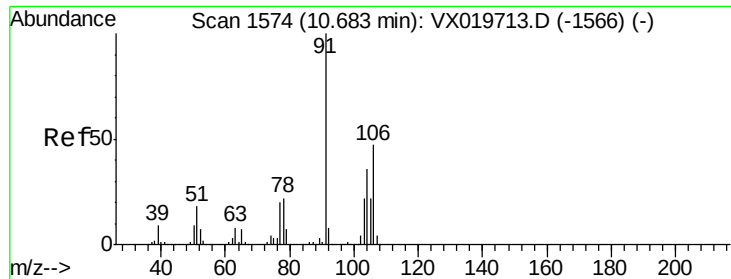
MMDadoda
12/7/2020 10:59:32 AM



#68
m/p-Xylenes
Concen: 192.183 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion: 106 Resp: 1365147
Ion Ratio Lower Upper
106 100
91 200.8 162.8 244.2





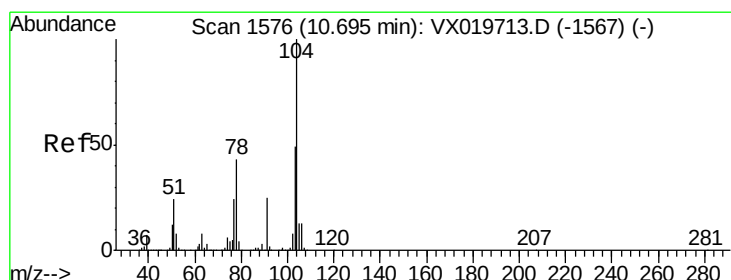
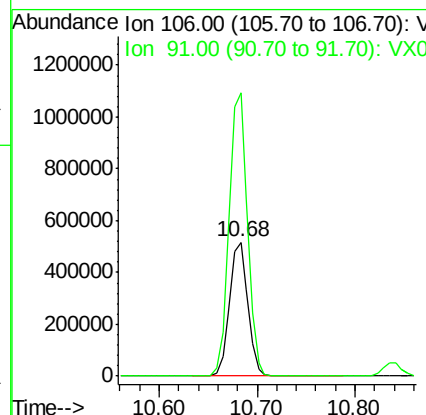
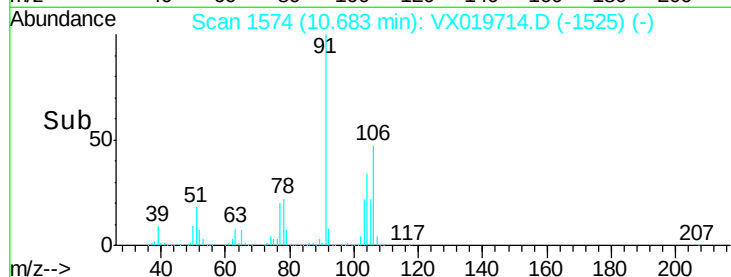
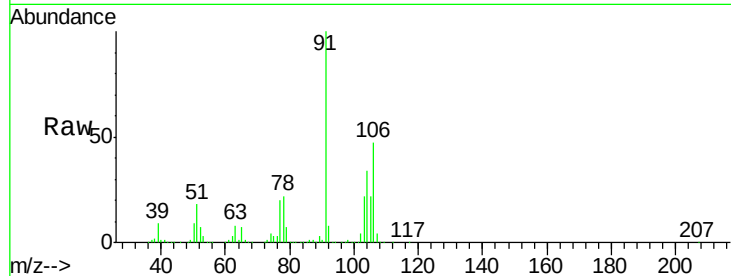
#69
o-Xylene
Concen: 96.560 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 665836
Ion Ratio Lower Upper
106 100
91 214.0 108.1 324.2

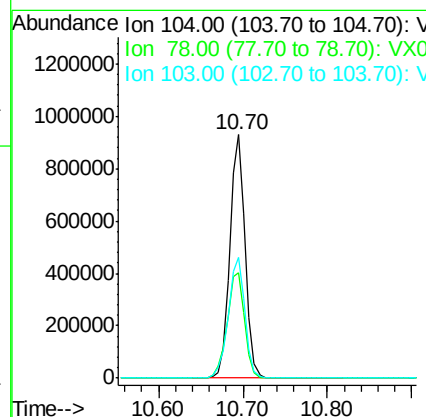
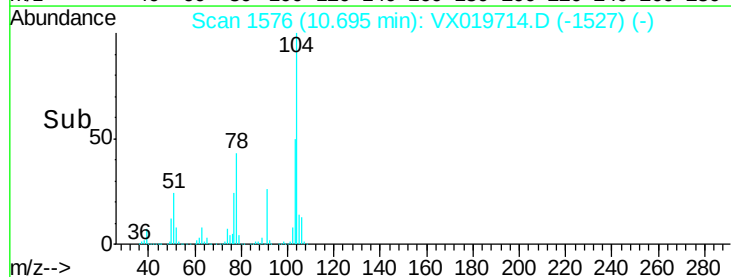
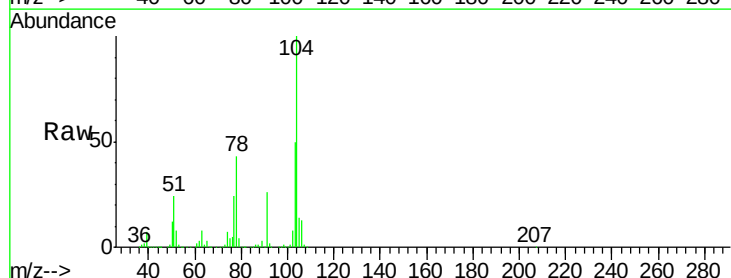
Manual Integrations
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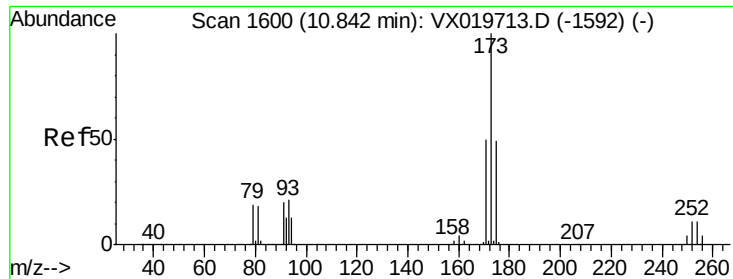
MMDadoda
12/7/2020 10:59:32 AM



#70
Styrene
Concen: 99.979 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion:104 Resp: 1156322
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 54.2 43.4 65.0





#71

Bromoform

Concen: 102.649 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 310875

Ion Ratio Lower Upper

173 100

175 50.1 23.9 71.8

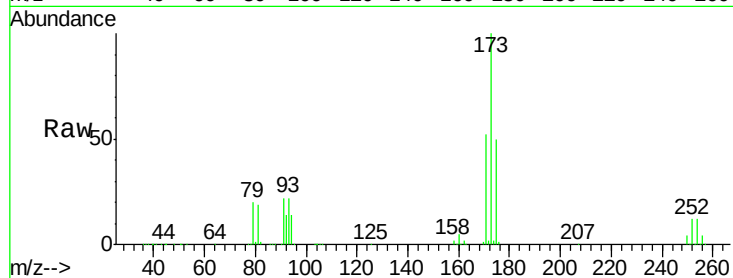
254 0.1 0.1 0.1#

Manual Integrations

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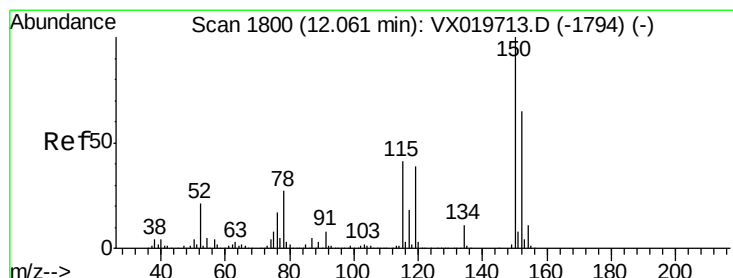
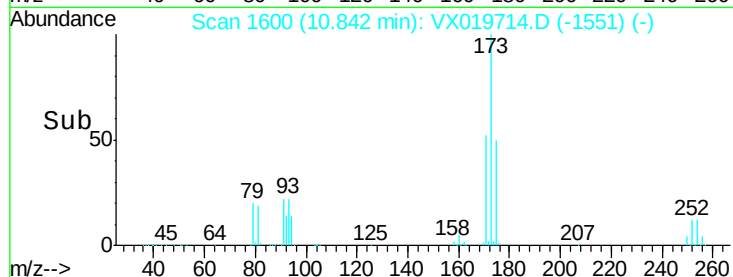
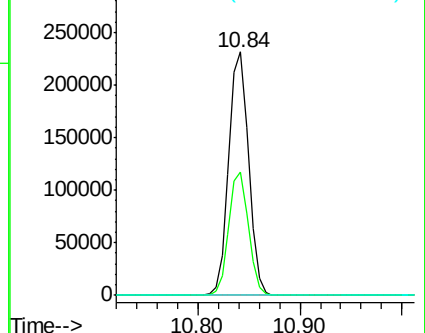
12/7/2020 10:59:32 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

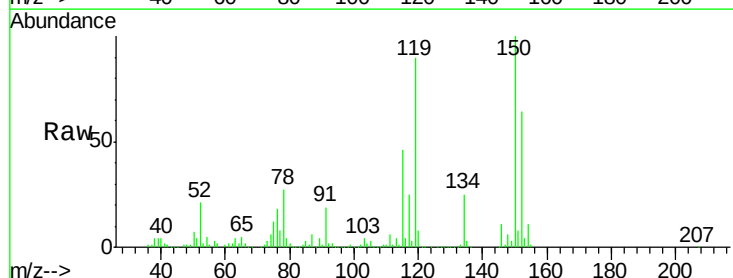
Tgt Ion:152 Resp: 261504

Ion Ratio Lower Upper

152 100

115 104.9 41.1 123.3

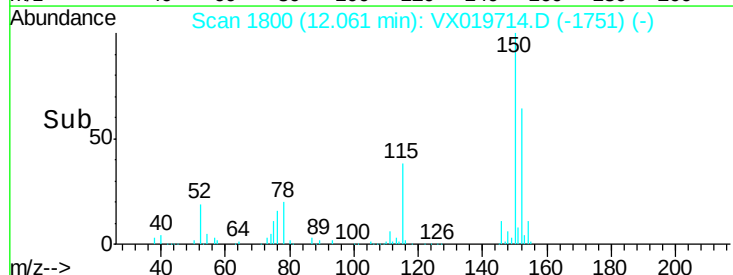
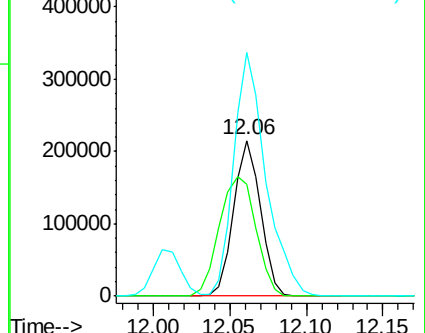
150 188.2 0.0 349.0

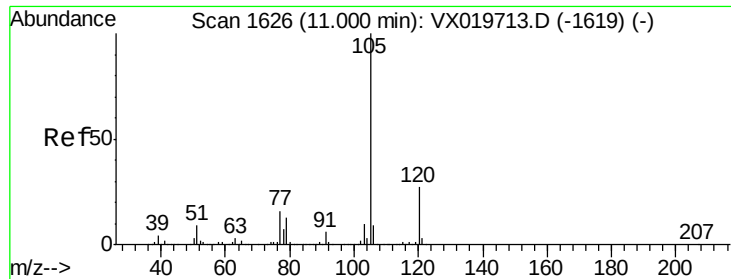


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 96.699 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1761031

Ion Ratio Lower Upper

105 100

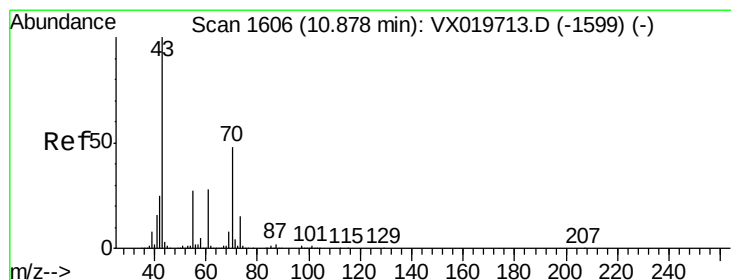
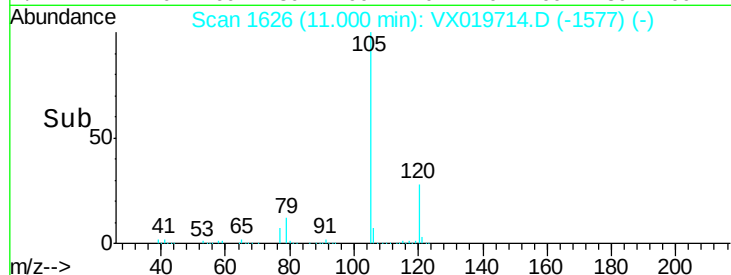
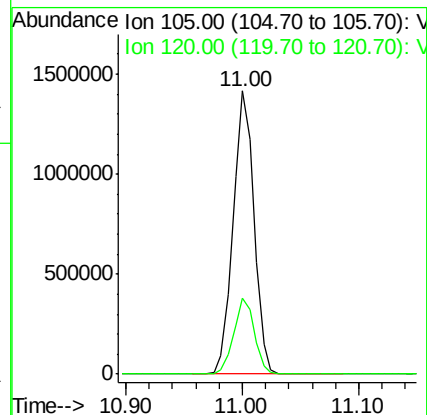
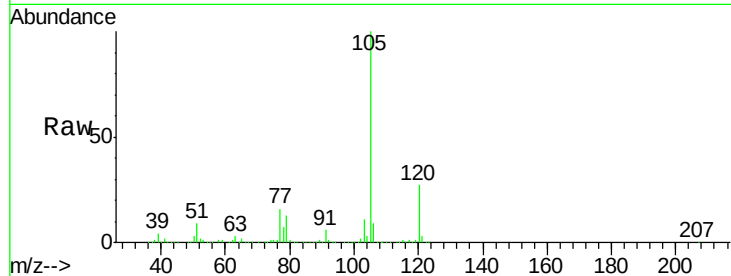
120 26.6 13.2 39.6

Manual Integrations

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MMDadoda

12/7/2020 10:59:32 AM



#74

N-ethyl acetate

Concen: 99.749 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Tgt Ion: 43 Resp: 729352

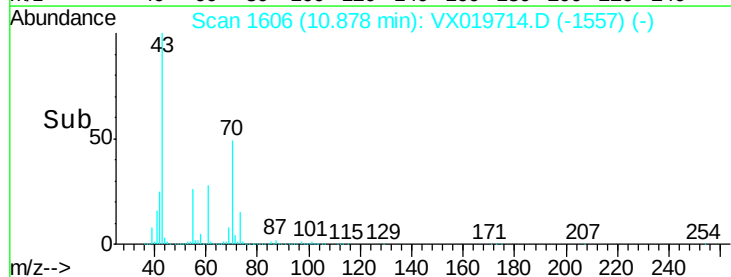
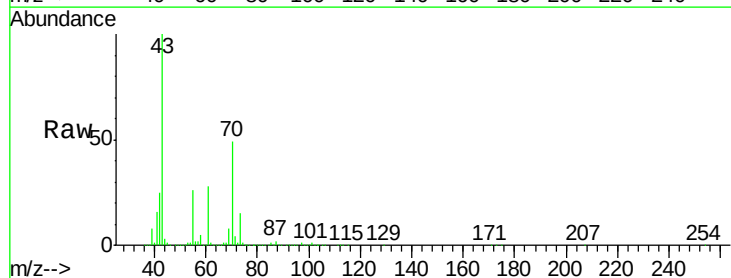
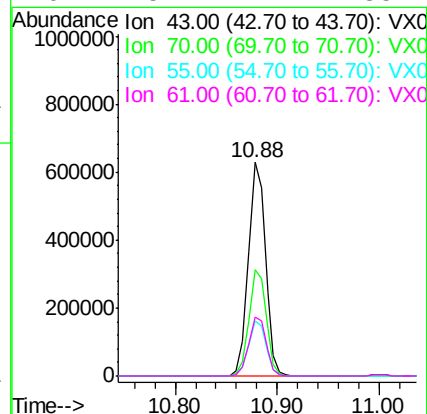
Ion Ratio Lower Upper

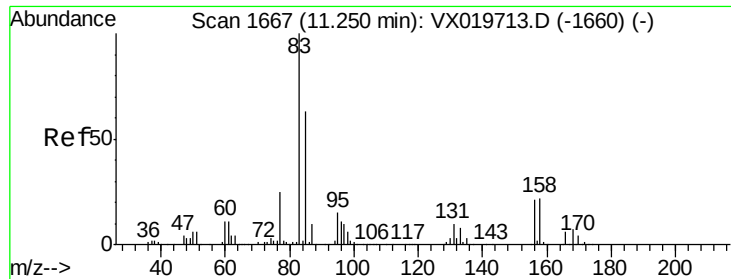
43 100

70 50.1 39.0 58.6

55 26.5 21.5 32.3

61 28.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 91.114 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 600882

Ion Ratio Lower Upper

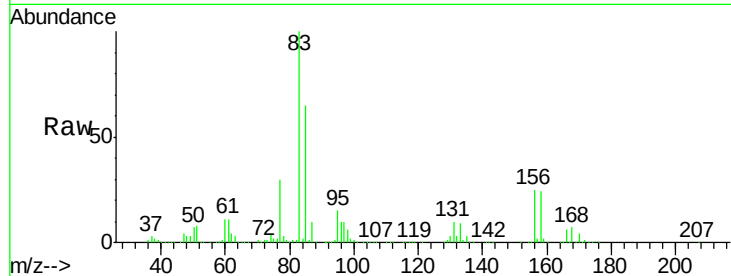
83 100

131 10.1 5.1 15.2

85 64.7 31.8 95.4

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MMDadoda
12/7/2020 10:59:32 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.25

400000

300000

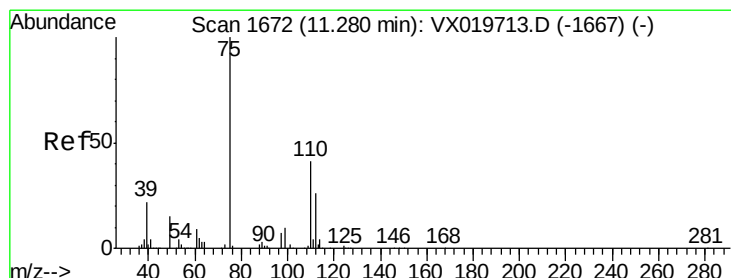
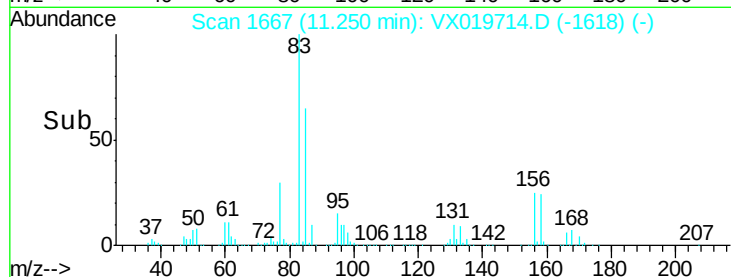
200000

100000

0

11.20 11.30

Time-->



#76

1,2,3-Trichloropropane

Concen: 94.644 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019714.D

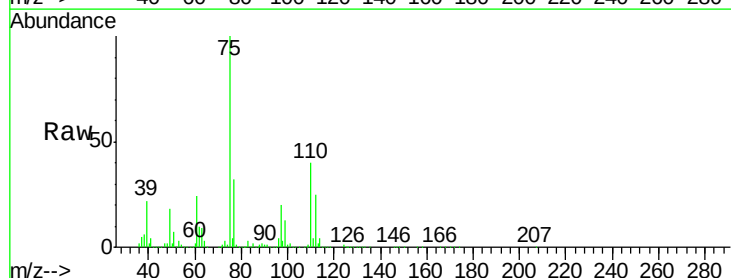
Acq: 04 Dec 2020 12:47

Tgt Ion: 75 Resp: 567233

Ion Ratio Lower Upper

75 100

77 39.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

600000

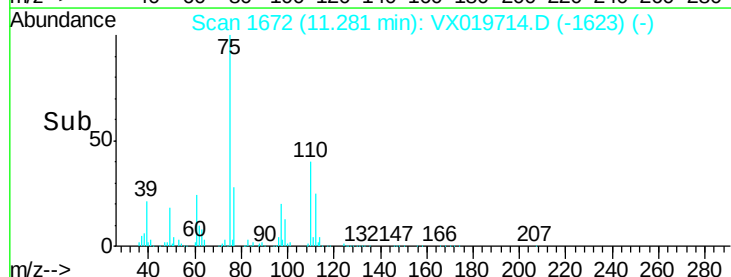
400000

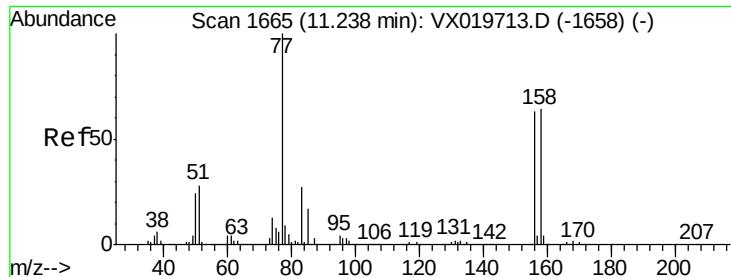
200000

0

11.24 11.26 11.28 11.30

Time-->





#77

Bromobenzene

Concen: 96.035 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

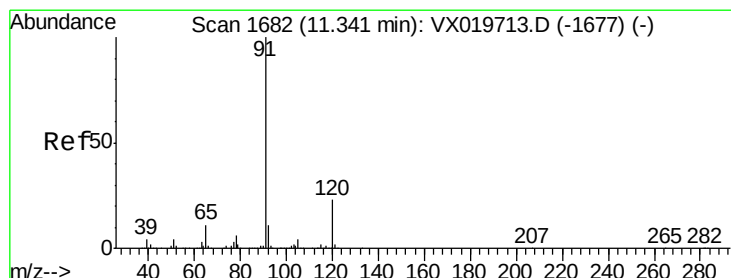
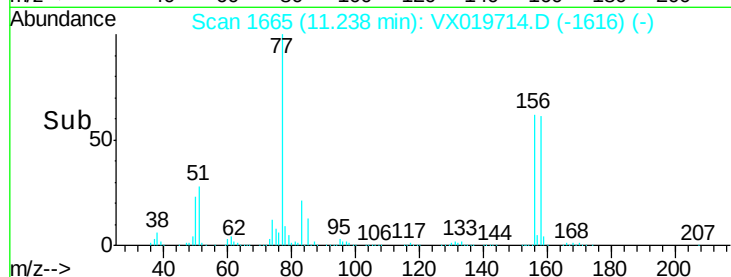
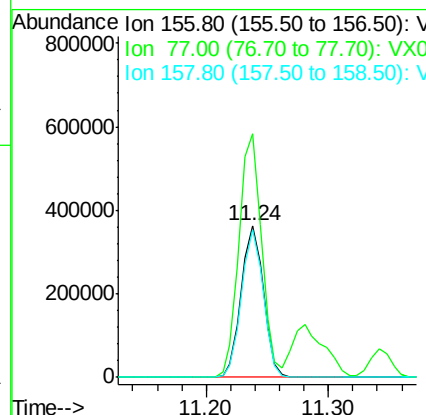
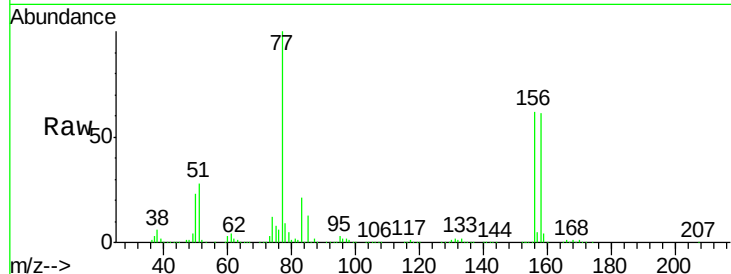
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	453230
Ion Ratio	Lower	Upper	
156	100		
77	164.0	82.8	248.6
158	96.1	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 98.416 ug/l

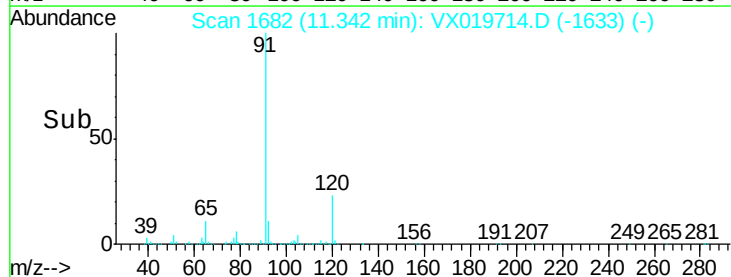
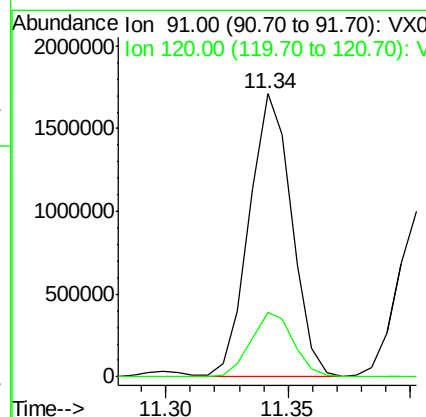
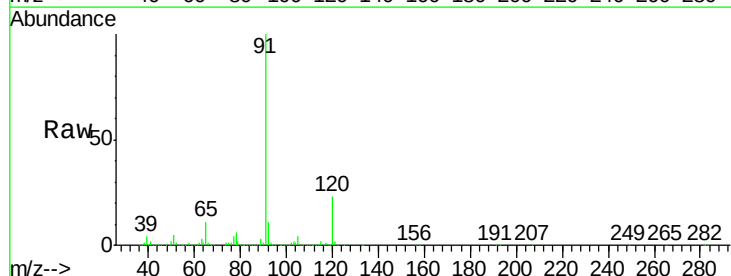
RT: 11.34 min Scan# 1682

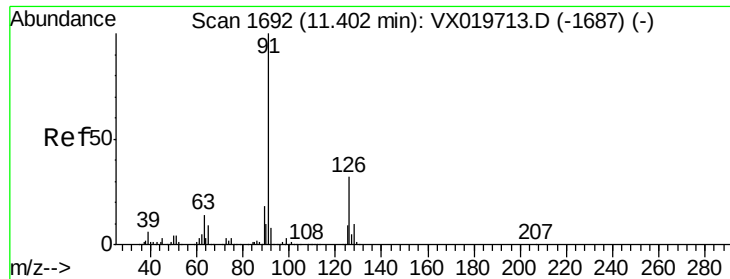
Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Tgt Ion:	91	Resp:	2066325
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5





#79

2-Chlorotoluene

Concen: 96.758 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1235628

Ion Ratio Lower Upper

91 100

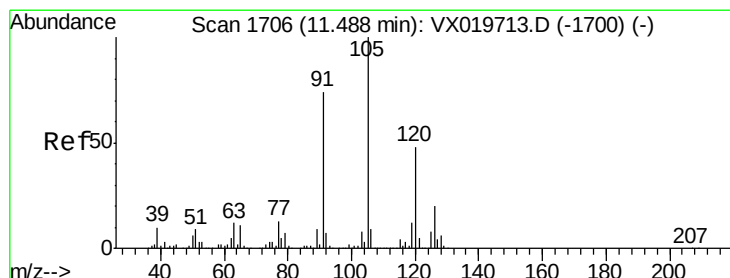
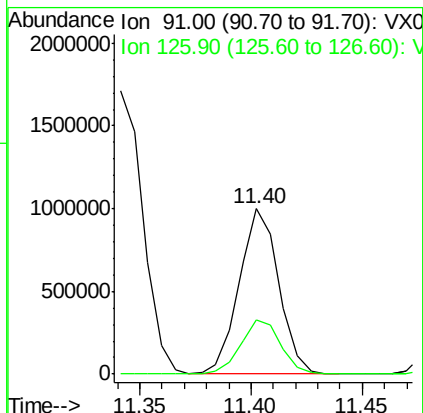
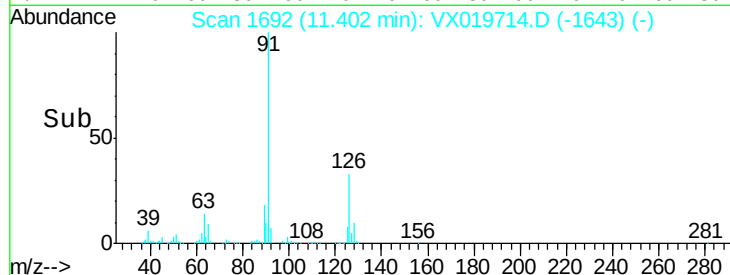
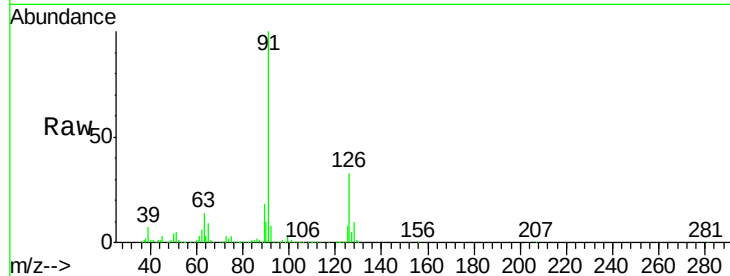
126 33.3 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 98.472 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019714.D

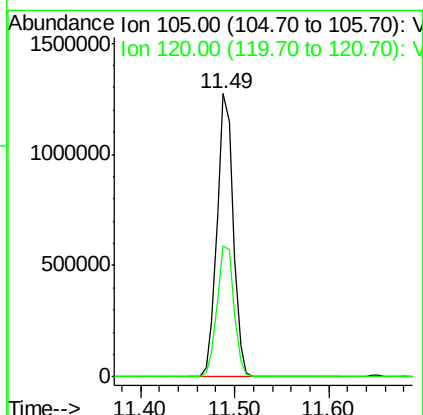
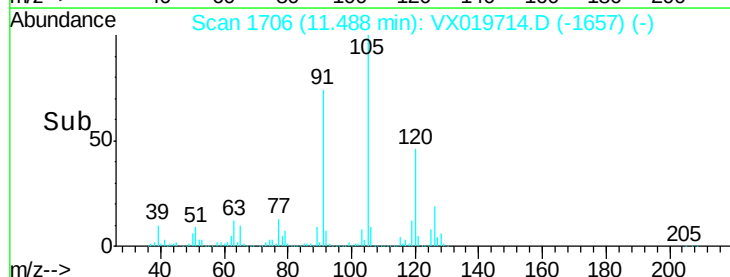
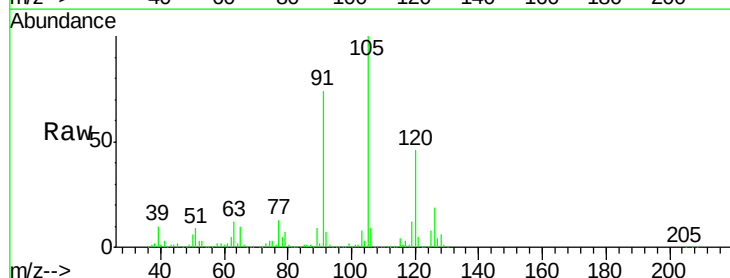
Acq: 04 Dec 2020 12:47

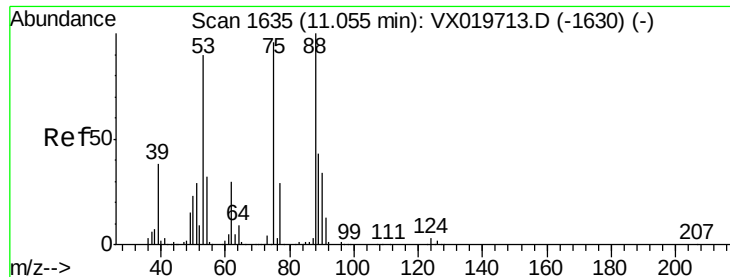
Tgt Ion: 105 Resp: 1516693

Ion Ratio Lower Upper

105 100

120 48.4 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 103.525 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

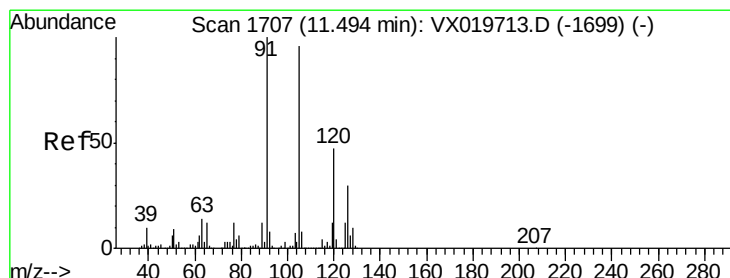
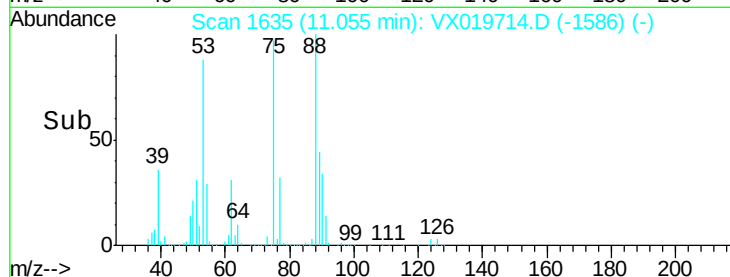
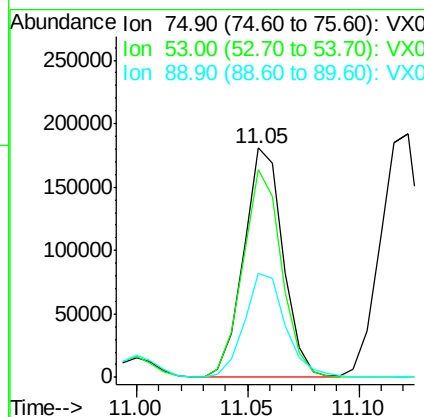
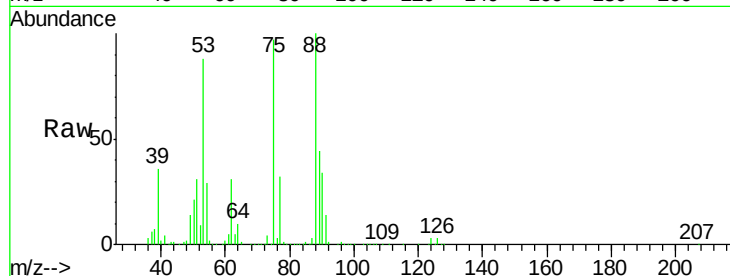
ClientSampled :

VSTDIC100

Tot Ion:	75	Resp:	221827
Ion Ratio	Lower	Upper	
75	100		
53	89.4	74.5	111.7
89	48.0	37.9	56.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 97.926 ug/l

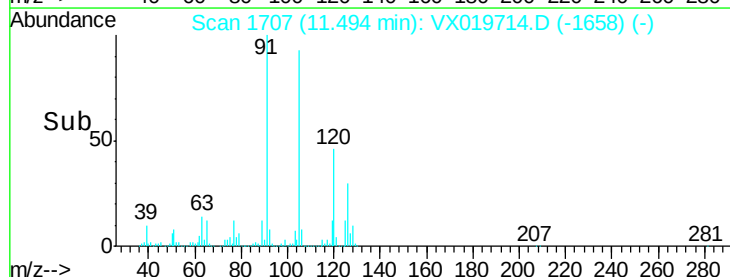
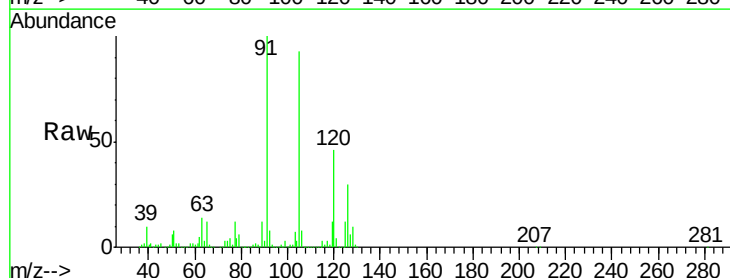
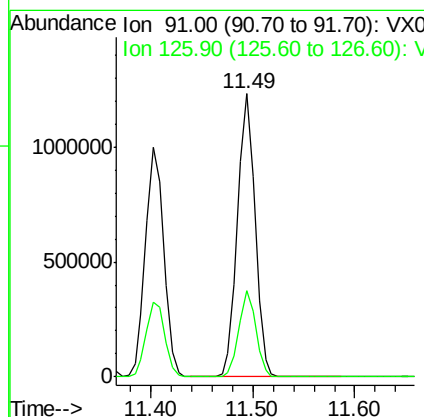
RT: 11.49 min Scan# 1707

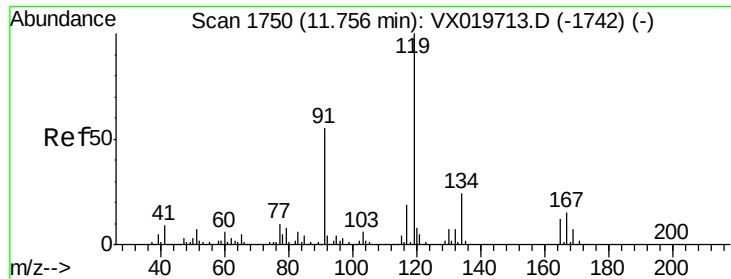
Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Tgt Ion:	91	Resp:	1457741
Ion Ratio	Lower	Upper	
91	100		
126	29.4	14.9	44.5





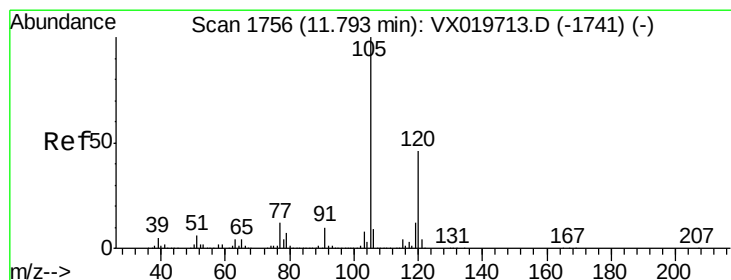
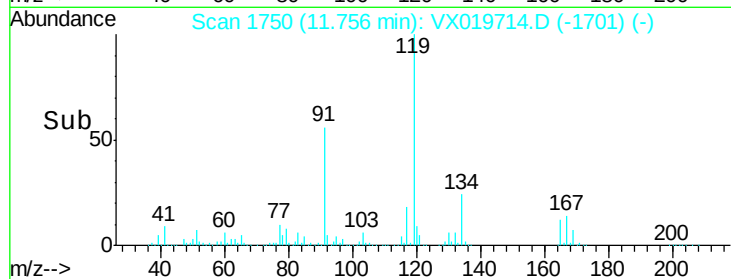
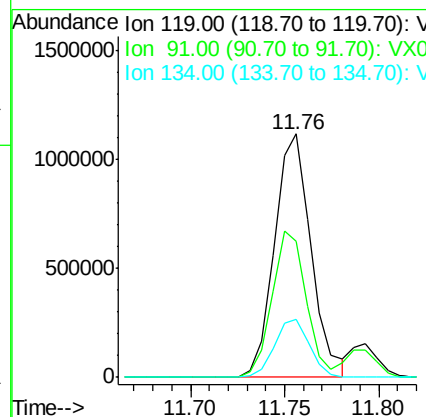
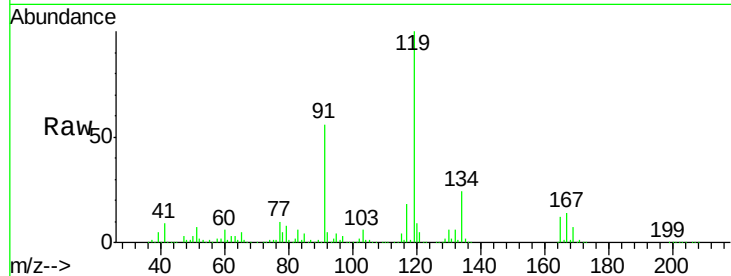
#83
tert-Butylbenzene
Concen: 98.436 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	27.9	83.7
134	23.0	11.3	33.9

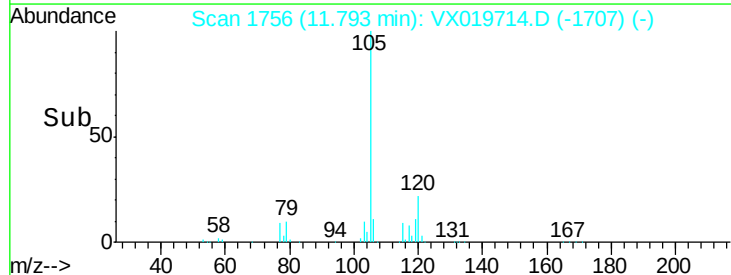
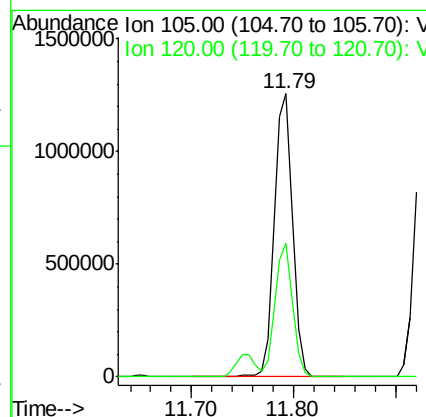
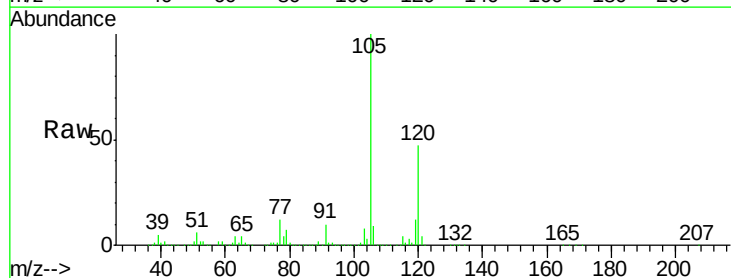
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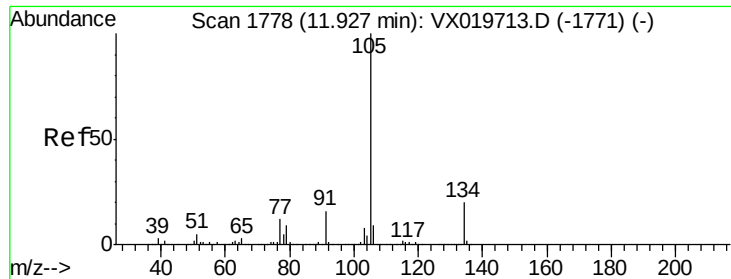
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 98.721 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.4	67.3





#85

sec-Butylbenzene

Concen: 99.229 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1718590

Ion Ratio Lower Upper

105 100

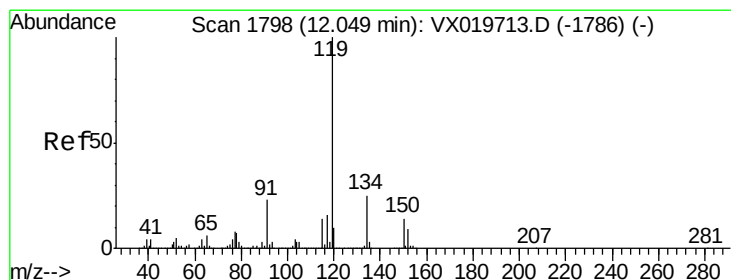
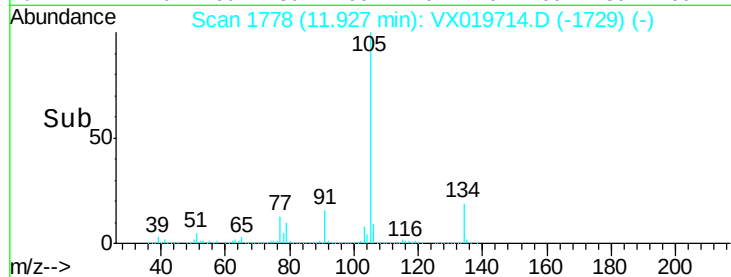
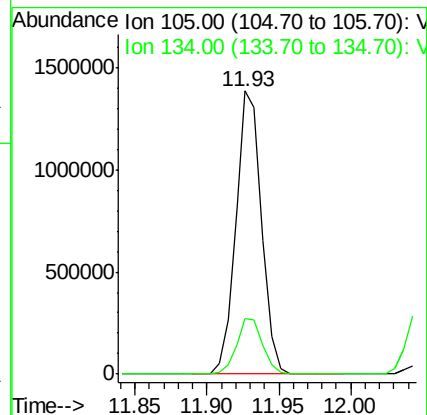
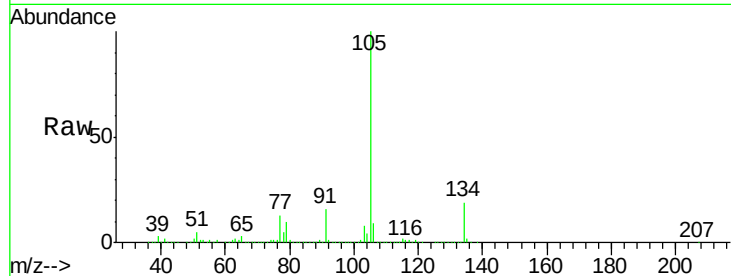
134 19.9 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 99.130 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

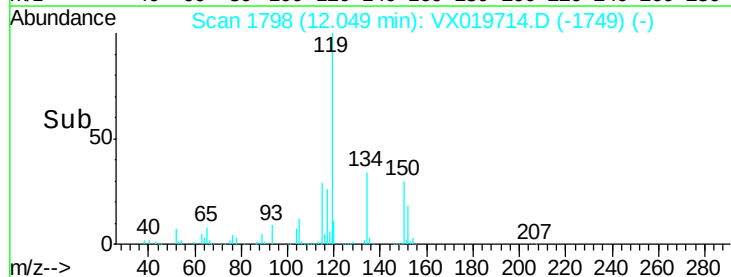
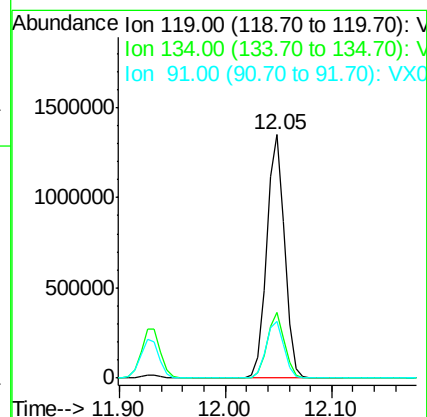
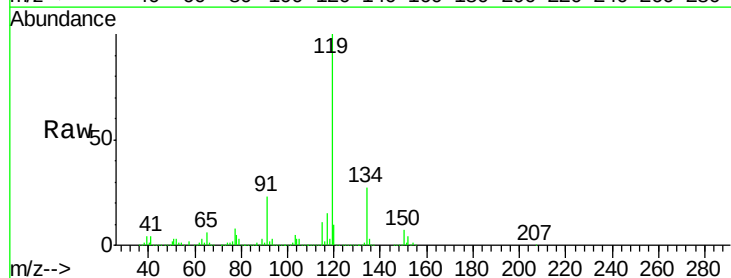
Tgt Ion:119 Resp: 1584281

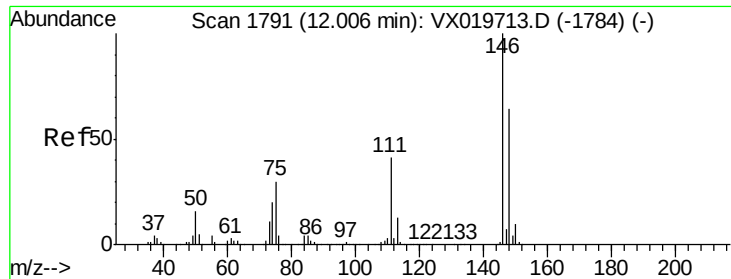
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 23.6 11.7 35.0





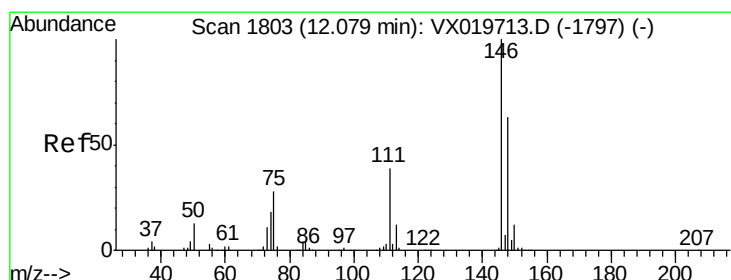
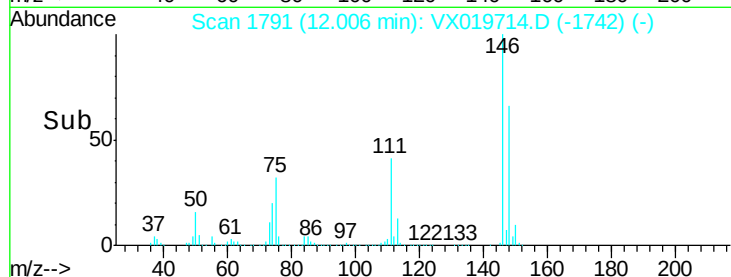
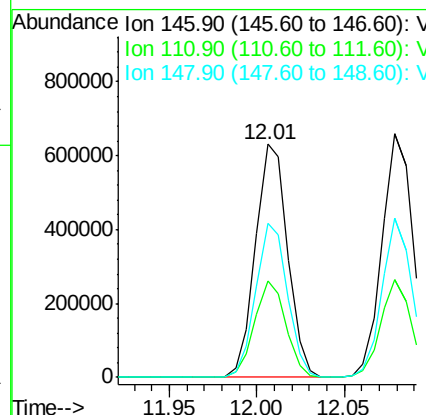
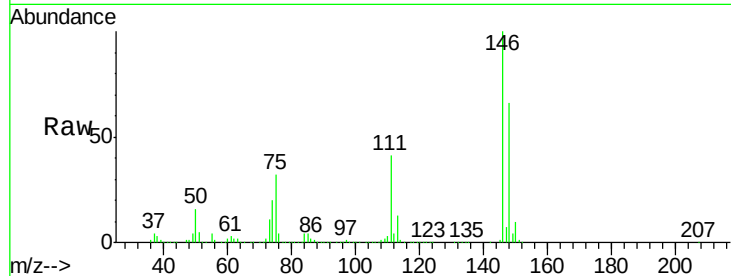
#87
 1,3-Dichlorobenzene
 Concen: 94.199 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	808895		
111	40.1	20.2	60.5	
148	65.1	31.9	95.7	

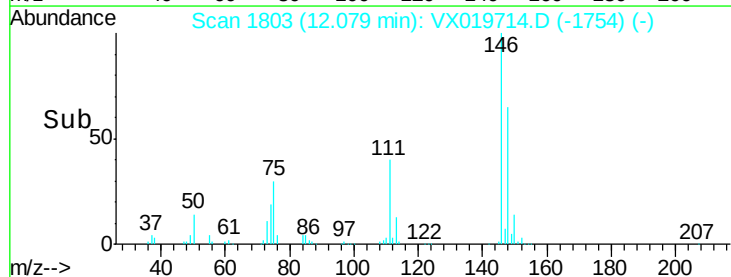
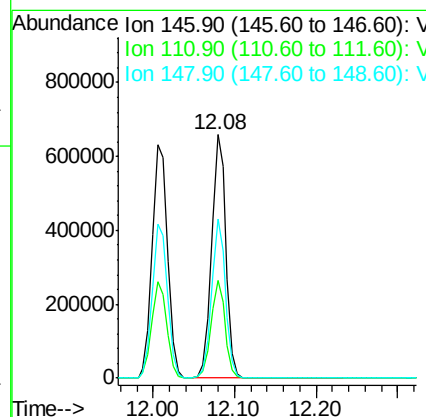
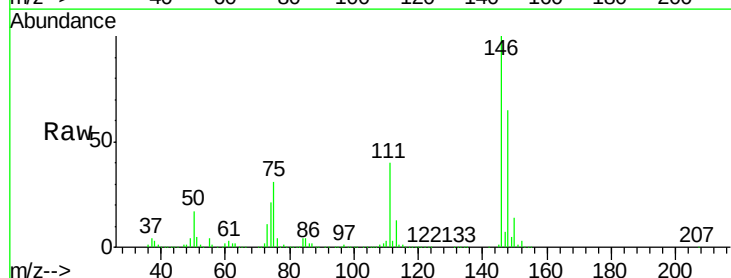
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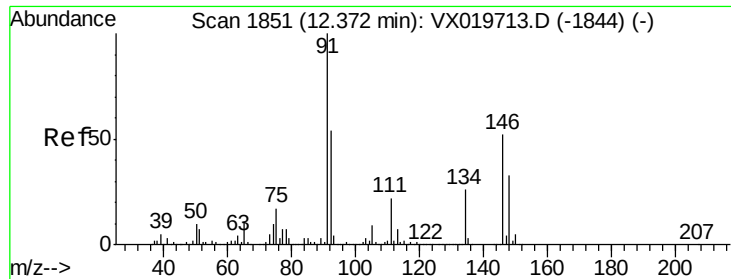
MMDadoda
 12/7/2020 10:59:32 AM



#88
 1,4-Dichlorobenzene
 Concen: 92.455 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	811007		
111	39.3	19.6	58.8	
148	63.3	31.6	95.0	





#89

n-Butylbenzene

Concen: 100.769 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1411169

Ion Ratio Lower Upper

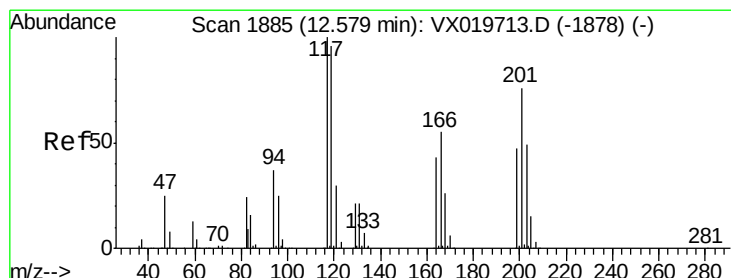
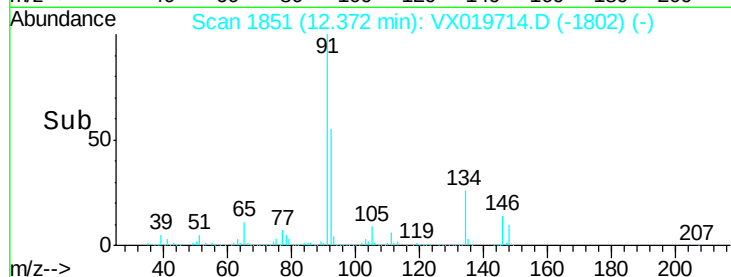
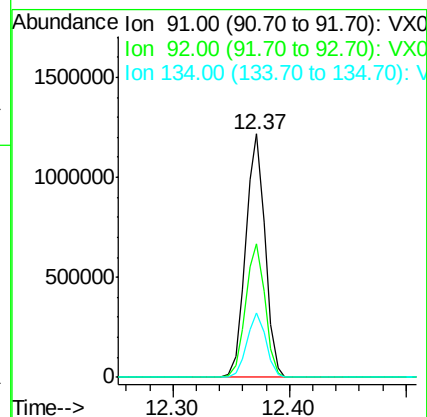
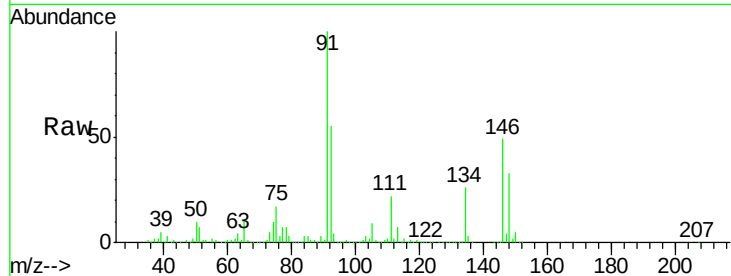
91 100

92 55.1 27.4 82.0

134 26.3 13.2 39.5

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#90

Hexachloroethane

Concen: 103.493 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019714.D

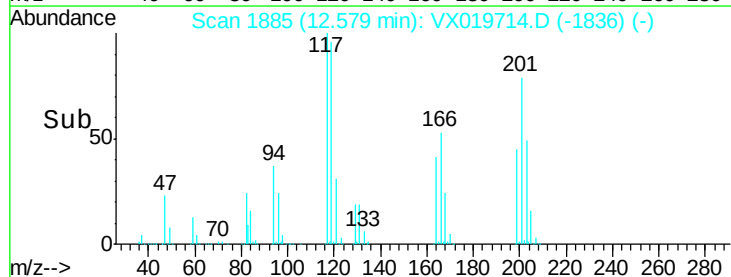
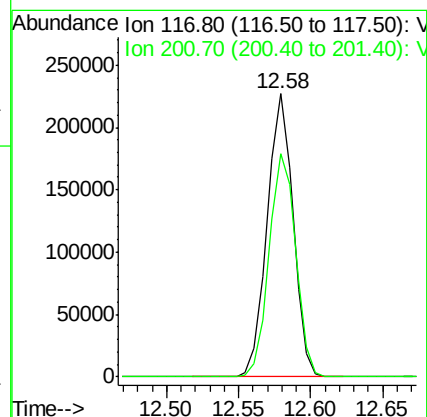
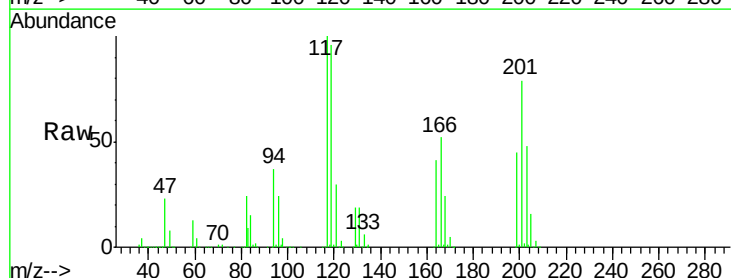
Acq: 04 Dec 2020 12:47

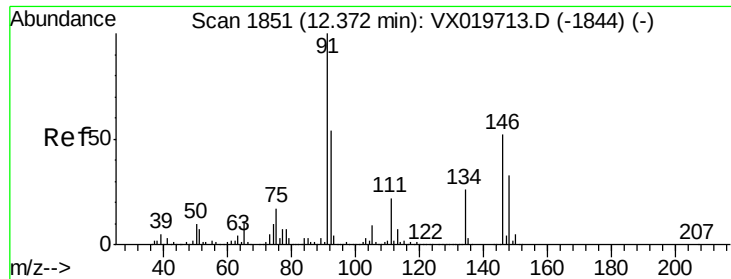
Tgt Ion: 117 Resp: 281245

Ion Ratio Lower Upper

117 100

201 81.0 40.4 121.2





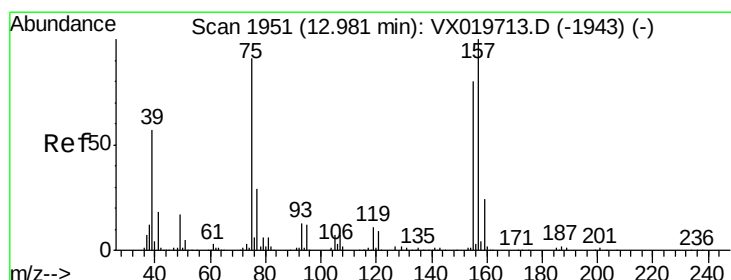
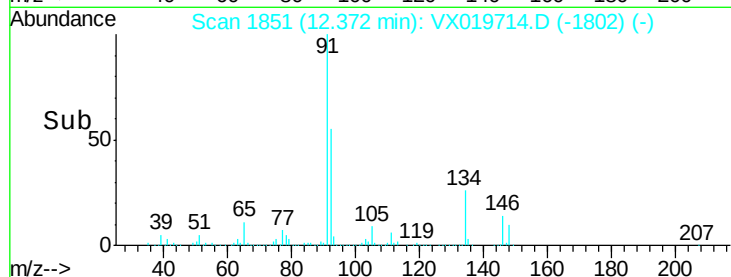
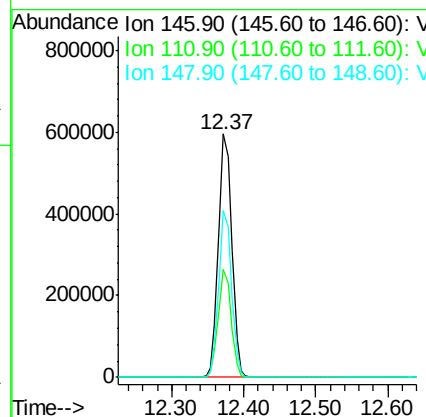
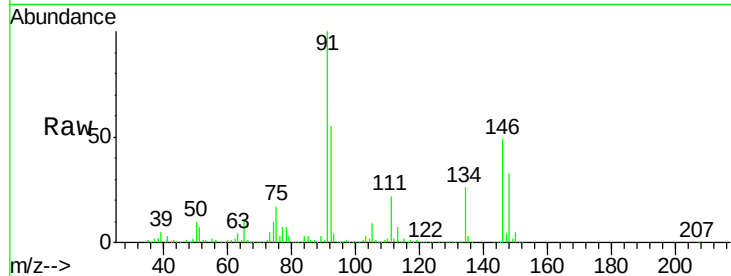
#91
 1,2-Dichlorobenzene
 Concen: 91.482 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.8	62.2
148	65.8	31.9	95.5

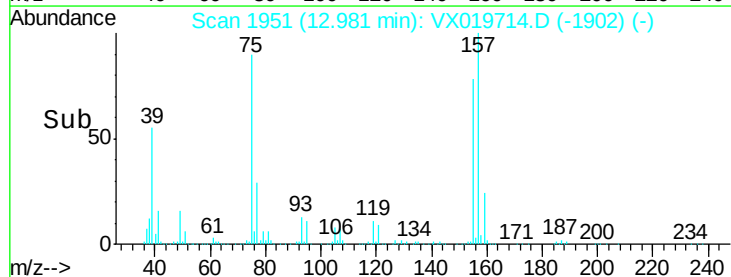
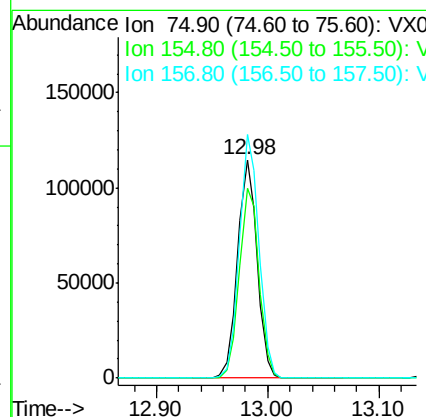
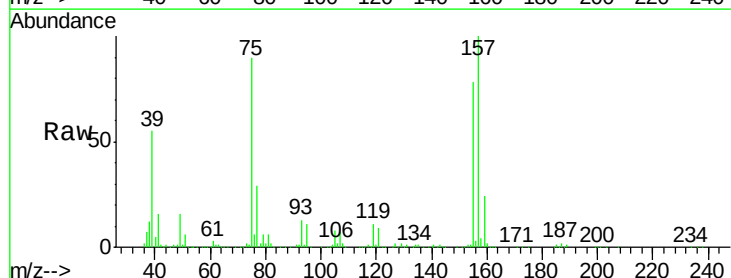
Manual Integrations
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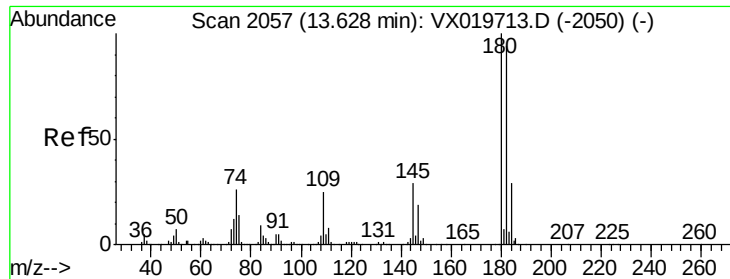
MMDadoda
 12/7/2020 10:59:32 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 99.845 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.2	45.3	135.9
157	111.8	57.7	173.1





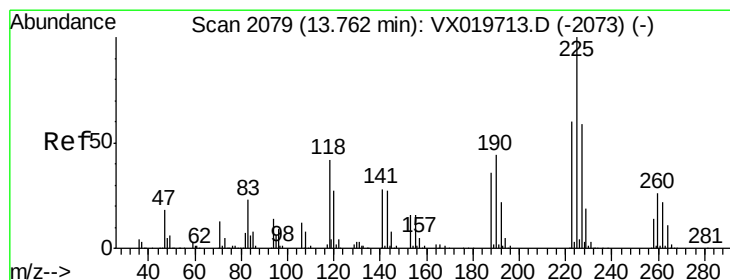
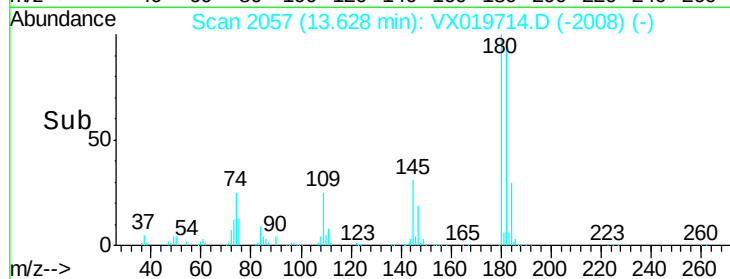
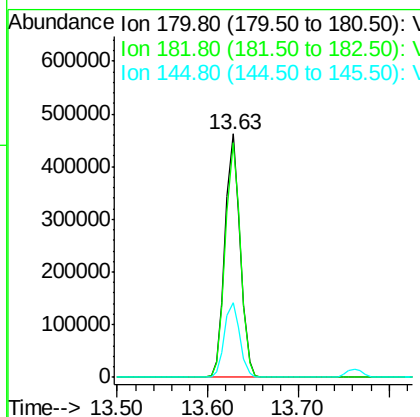
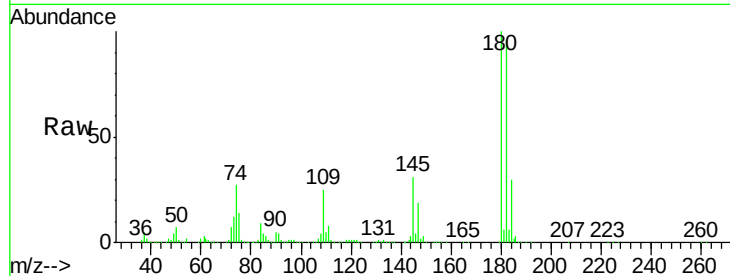
#93
 1,2,4-Trichlorobenzene
 Concen: 98.698 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	537722		
182	96.4	47.7	143.1	
145	31.3	15.0	45.0	

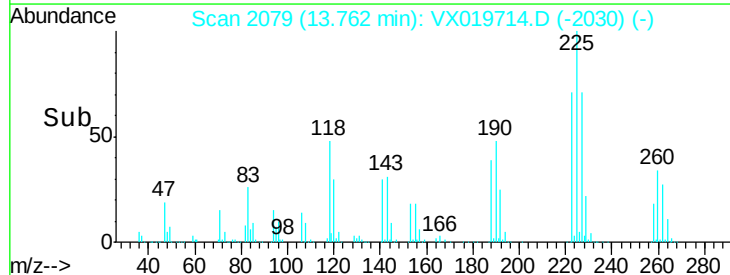
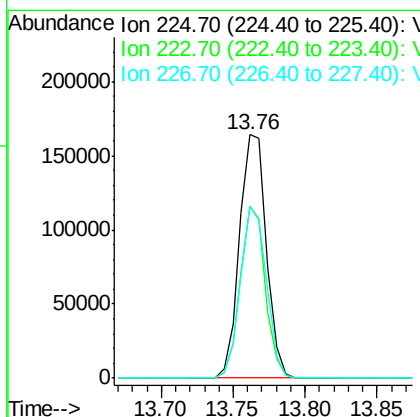
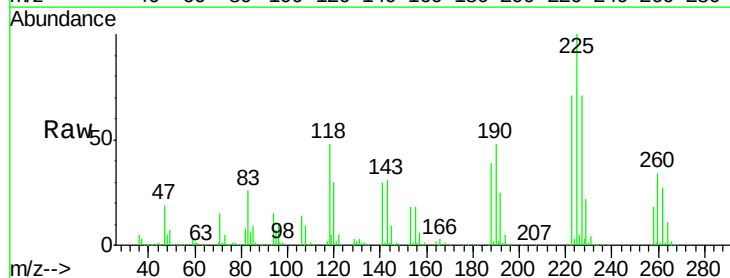
Manual Integrations
 APPROVED

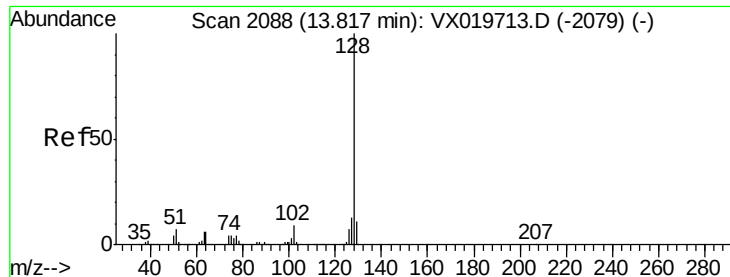
MMDadoda
 12/7/2020 10:59:32 AM



#94
 Hexachlorobutadiene
 Concen: 91.663 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	211900		
223	65.8	31.1	93.2	
227	68.4	31.6	95.0	





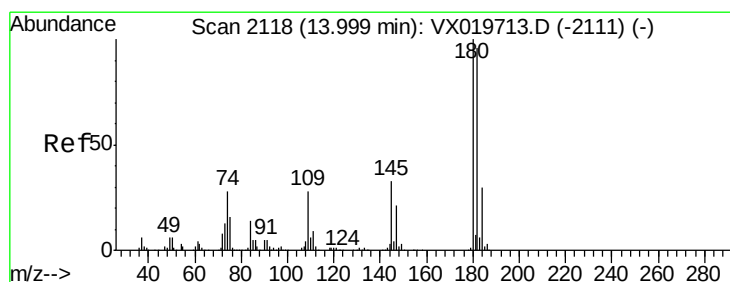
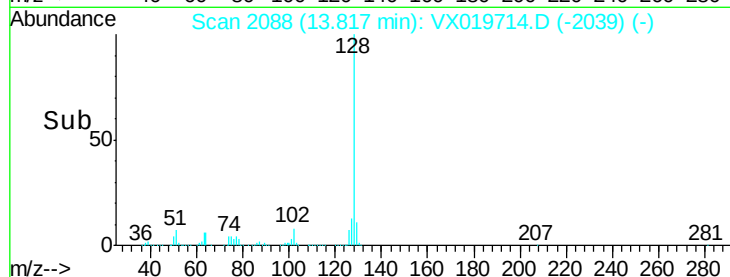
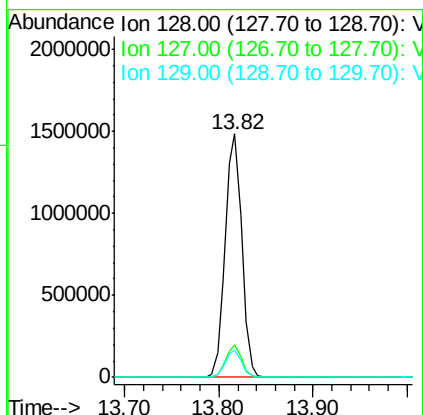
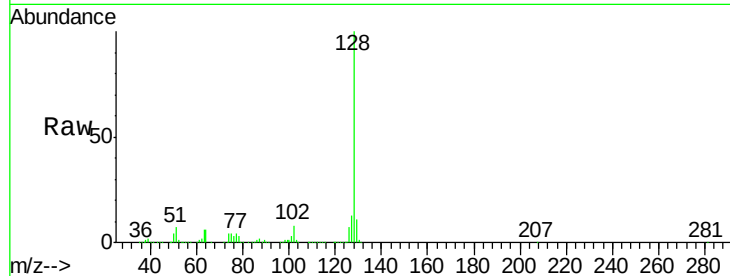
#95
Naphthalene
Concen: 102.937 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:59:32 AM



#96
1,2,3-Trichlorobenzene
Concen: 97.469 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.6	142.9
145	33.0	16.1	48.3

