

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\
 Data File : VX019594.D
 Acq On : 24 Nov 2020 09:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 10:31:00 AM

Quant Time: Nov 25 04:35:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	273317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	455202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203004	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170174	48.02	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.04%
35) Dibromofluoromethane	5.46	113	138656	48.53	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.06%
50) Toluene-d8	8.70	98	519260	46.77	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.54%
62) 4-Bromofluorobenzene	11.12	95	196156	49.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	118726	44.669	ug/l 98
3) Chloromethane	1.31	50	132585	43.471	ug/l 97
4) Vinyl Chloride	1.39	62	143178	43.609	ug/l 99
5) Bromomethane	1.62	94	58500	47.041	ug/l 99
6) Chloroethane	1.70	64	53177	68.010	ug/l 97
7) Trichlorofluoromethane	1.90	101	207023	43.687	ug/l 99
8) Diethyl Ether	2.17	74	94763	49.932	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119341	45.142	ug/l 99
10) Methyl Iodide	2.48	142	171559	49.397	ug/l 100
11) Tert butyl alcohol	3.04	59	173485	258.677	ug/l 100
12) 1,1-Dichloroethene	2.35	96	119410	44.006	ug/l 97
13) Acrolein	2.27	56	90314	200.334	ug/l 99
14) Allyl chloride	2.70	41	195024	45.879	ug/l 99
15) Acrylonitrile	3.12	53	400300	253.089	ug/l 100
16) Acetone	2.42	43	388962	283.821	ug/l 99
17) Carbon Disulfide	2.54	76	304283	41.741	ug/l 100
18) Methyl Acetate	2.75	43	165273	49.196	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	493730	52.713	ug/l 98
20) Methylene Chloride	2.83	84	158808	46.363	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	141494	46.024	ug/l 99
22) Diisopropyl ether	3.82	45	442753	50.349	ug/l 93
23) Vinyl Acetate	3.78	43	1946006	263.827	ug/l 99
24) 1,1-Dichloroethane	3.66	63	255946	47.585	ug/l 99
25) 2-Butanone	4.64	43	559403	271.730	ug/l 98
26) 2,2-Dichloropropane	4.54	77	220667	47.002	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	174952	49.541	ug/l 100
28) Bromochloromethane	4.97	49	117884	45.841	ug/l 97
29) Tetrahydrofuran	5.09	42	325545	247.840	ug/l 99
30) Chloroform	5.17	83	274480	48.803	ug/l 98
31) Cyclohexane	5.54	56	205054	44.489	ug/l 98
32) 1,1,1-Trichloroethane	5.45	97	225748	46.727	ug/l 100
36) 1,1-Dichloropropene	5.76	75	189578	44.423	ug/l 98
37) Ethyl Acetate	4.79	43	202574	50.563	ug/l 99
38) Carbon Tetrachloride	5.74	117	189296	45.827	ug/l 97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	222445	44.767	ug/l	99
40) Benzene	6.10	78	613116	46.760	ug/l	99
41) Methacrylonitrile	5.00	41	111940	50.668	ug/l	99
42) 1,2-Dichloroethane	6.15	62	223286	49.683	ug/l	100
43) Isopropyl Acetate	6.41	43	338330	50.237	ug/l	100
44) Trichloroethene	7.18	130	160826	46.826	ug/l	94
45) 1,2-Dichloropropane	7.48	63	158254	49.027	ug/l	99
46) Dibromomethane	7.63	93	111222	50.343	ug/l	99
47) Bromodichloromethane	7.87	83	219612	51.227	ug/l	97
48) Methyl methacrylate	7.74	41	165765	52.557	ug/l	100
49) 1,4-Dioxane	7.71	88	75939	1060.410	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1001687	255.066	ug/l	100
52) Toluene	8.76	92	391913	48.859	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	249161	53.816	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	270342	52.616	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165358	50.618	ug/l	99
56) Ethyl methacrylate	9.16	69	252690	54.665	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278786	50.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	662744	244.684	ug/l	99
59) 2-Hexanone	9.47	43	784928	263.535	ug/l	99
60) Dibromochloromethane	9.56	129	167778	52.434	ug/l	99
61) 1,2-Dibromoethane	9.65	107	173465	51.514	ug/l	97
64) Tetrachloroethene	9.32	164	134567	41.012	ug/l	98
65) Chlorobenzene	10.12	112	417808	48.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	156898	50.259	ug/l	98
67) Ethyl Benzene	10.23	91	728569	48.458	ug/l	97
68) m/p-Xylenes	10.34	106	549960	98.181	ug/l	99
69) o-Xylene	10.68	106	266921	49.849	ug/l	100
70) Styrene	10.70	104	461960	46.719	ug/l	100
71) Bromoform	10.84	173	118142	45.059	ug/l #	99
73) Isopropylbenzene	11.00	105	694903	49.483	ug/l	99
74) N-amyl acetate	10.88	43	287307	54.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	249382	49.658	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	225693m	50.944	ug/l	
77) Bromobenzene	11.24	156	181049	50.501	ug/l	98
78) n-propylbenzene	11.34	91	782120	48.547	ug/l	100
79) 2-Chlorotoluene	11.40	91	485547	49.696	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	581915	49.396	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	80885	49.370	ug/l	100
82) 4-Chlorotoluene	11.49	91	573785	49.887	ug/l	100
83) tert-Butylbenzene	11.76	119	571141	50.112	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	598607	50.220	ug/l	98
85) sec-Butylbenzene	11.93	105	642580	47.392	ug/l	100
86) p-Isopropyltoluene	12.05	119	597813	48.562	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	323422	49.123	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	327724	48.324	ug/l	99
89) n-Butylbenzene	12.37	91	522560	46.954	ug/l	98
90) Hexachloroethane	12.58	117	99323	48.216	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	323926	48.986	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51768	50.528	ug/l	99

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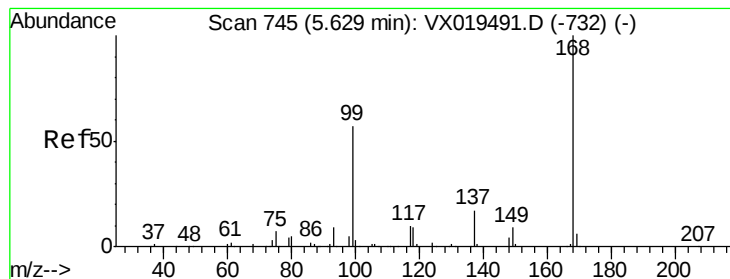
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	216317	50.953	ug/l	98
94) Hexachlorobutadiene	13.76	225	83817	43.339	ug/l	98
95) Naphthalene	13.82	128	721598	48.270	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214970	50.622	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

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Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 273317

Ion Ratio Lower Upper

168 100

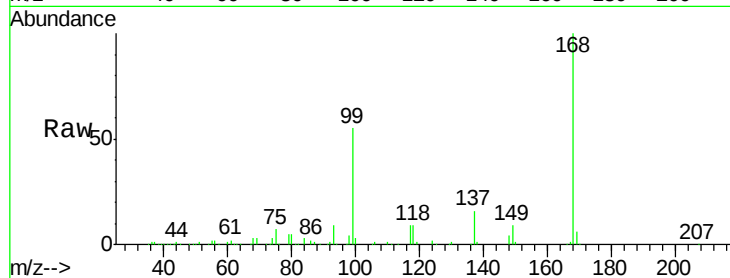
99 55.2 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

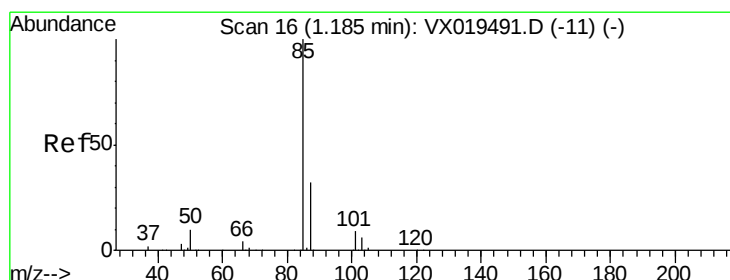
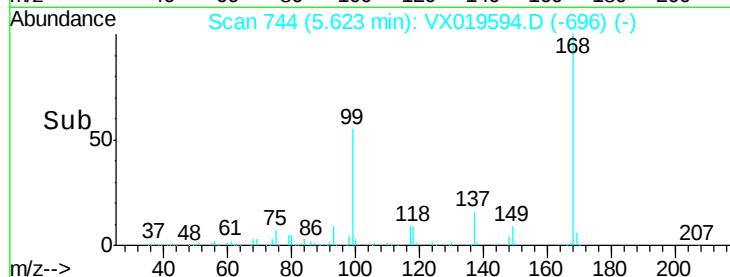
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.669 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019594.D

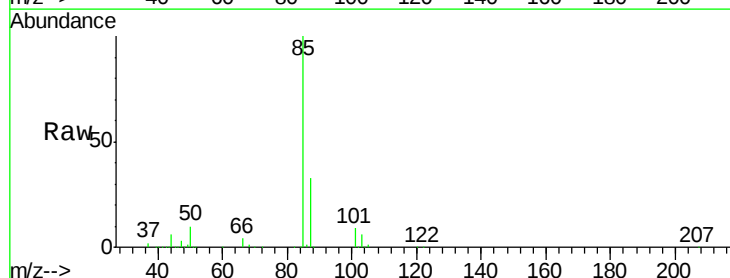
Acq: 24 Nov 2020 09:47

Tgt Ion: 85 Resp: 118726

Ion Ratio Lower Upper

85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

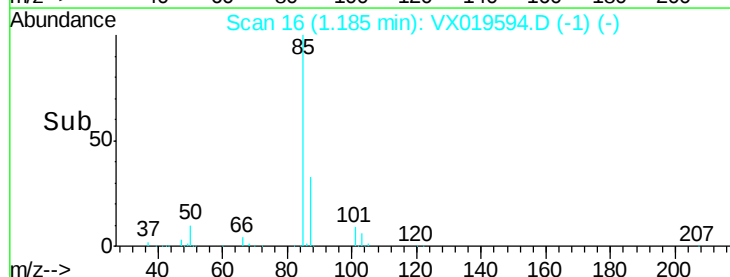
1.18

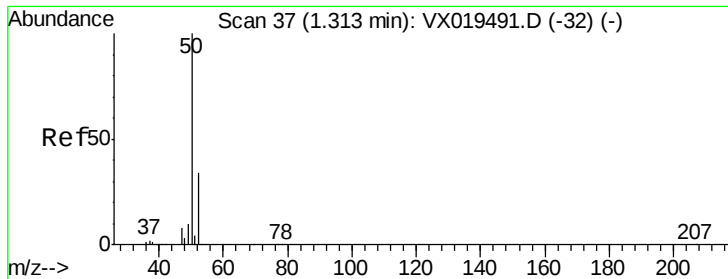
100000

50000

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Time-->





#3

Chloromethane

Concen: 43.471 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 132585

Ion Ratio Lower Upper

50 100

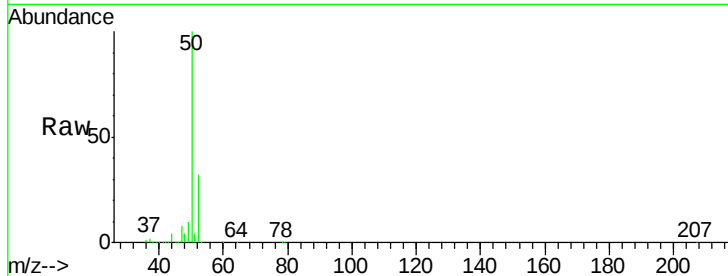
52 32.0 27.0 40.6

Manual Integrations

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11/25/2020 10:31:00 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

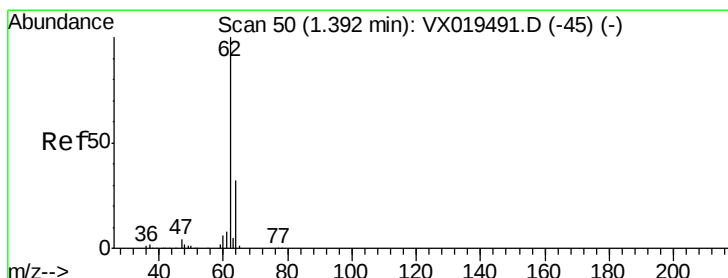
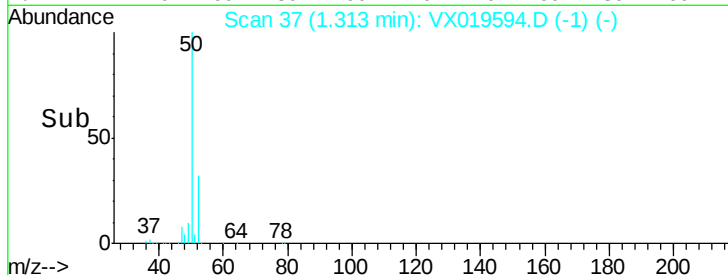
150000

100000

50000

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Time-->



#4

Vinyl Chloride

Concen: 43.609 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019594.D

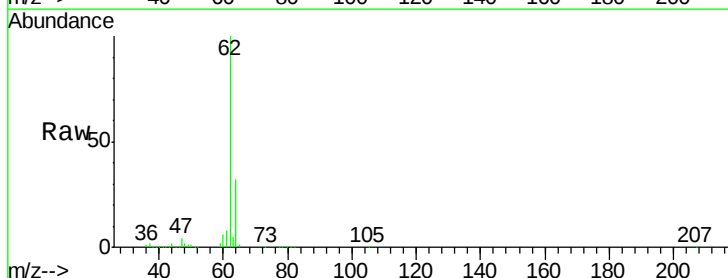
Acq: 24 Nov 2020 09:47

Tgt Ion: 62 Resp: 143178

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

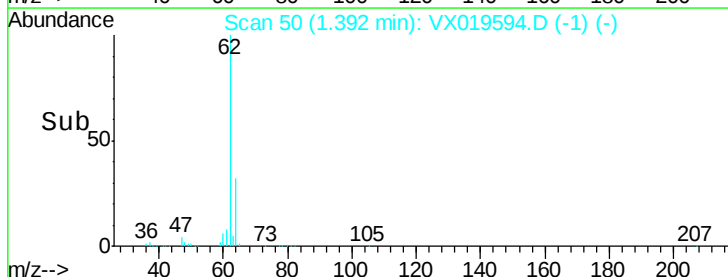
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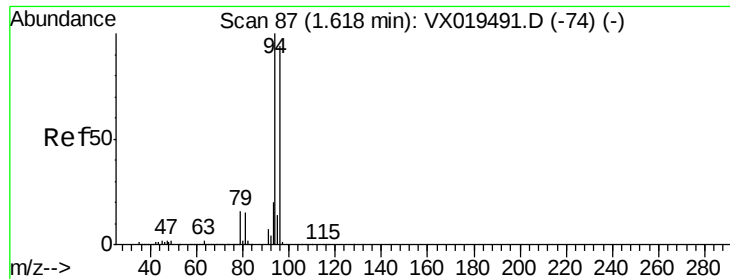
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.041 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 58500

Ion Ratio Lower Upper

94 100

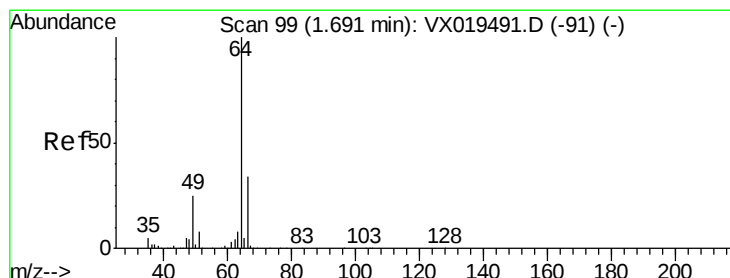
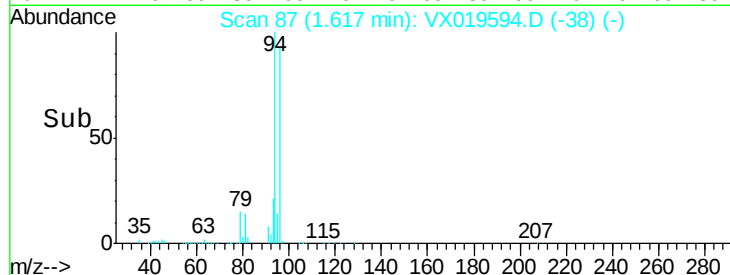
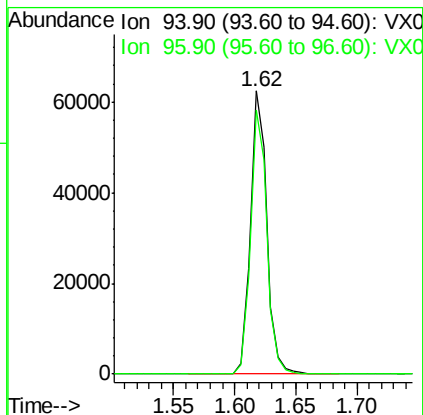
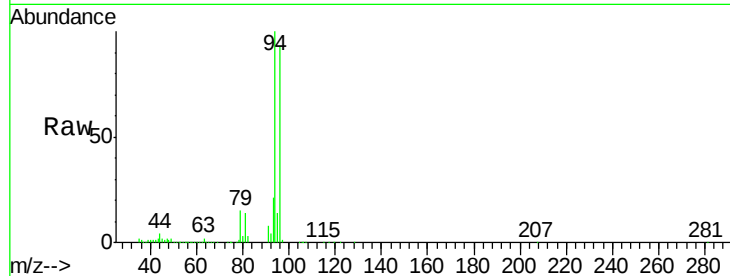
96 93.2 75.6 113.4

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11/25/2020 10:31:00 AM



#6

Chloroethane

Concen: 68.010 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019594.D

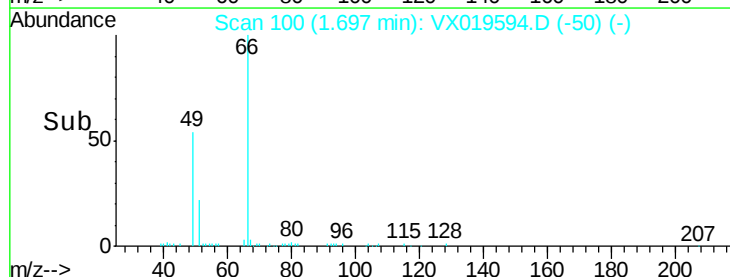
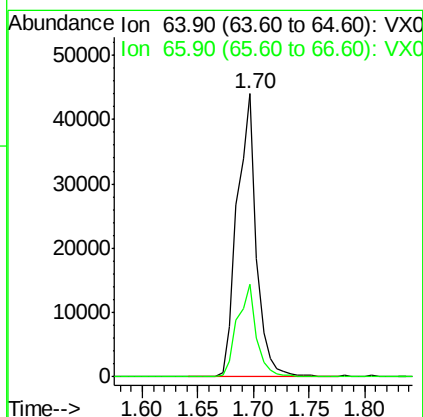
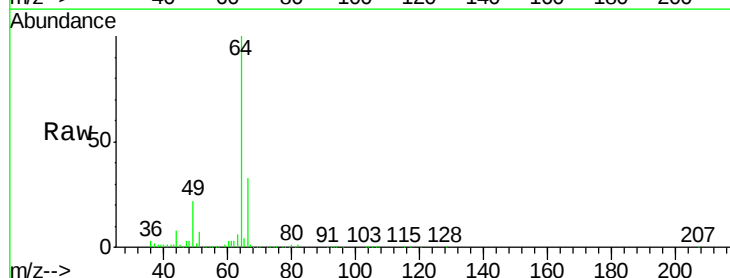
Acq: 24 Nov 2020 09:47

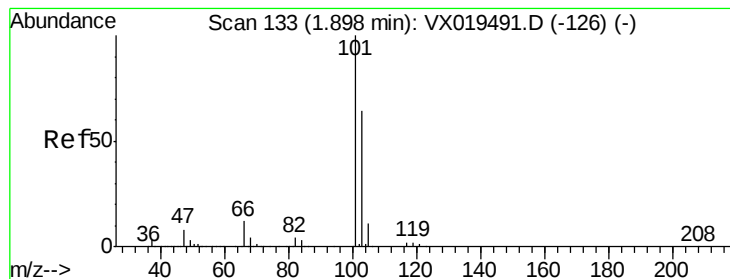
Tgt Ion: 64 Resp: 53177

Ion Ratio Lower Upper

64 100

66 32.4 27.1 40.7





#7

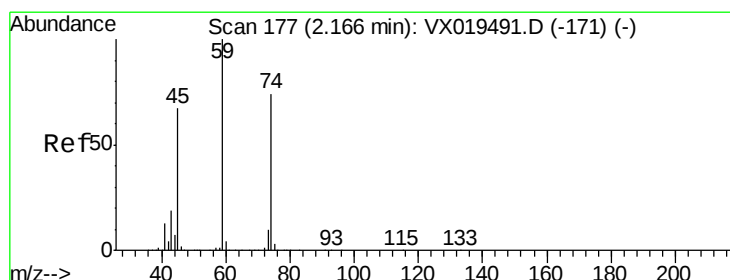
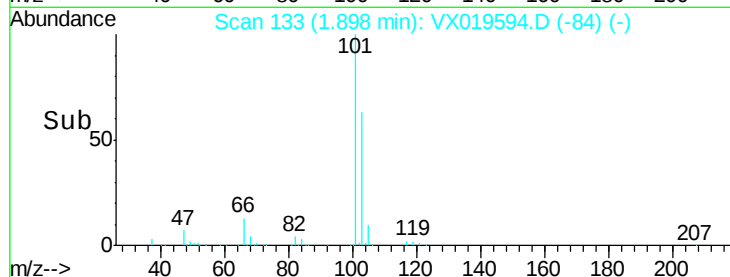
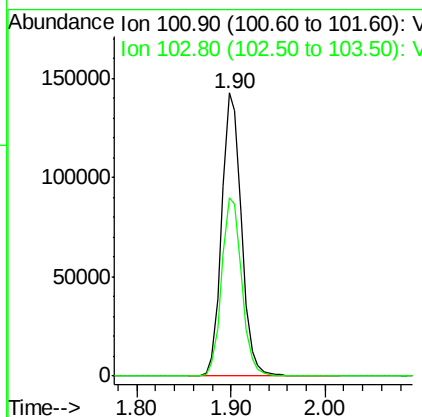
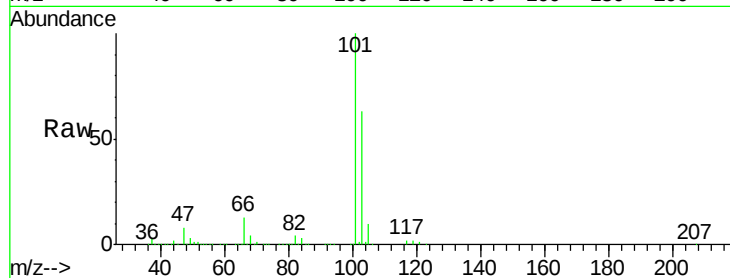
Trichlorofluoromethane
Concen: 43.687 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019594.D
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	50.9	76.3

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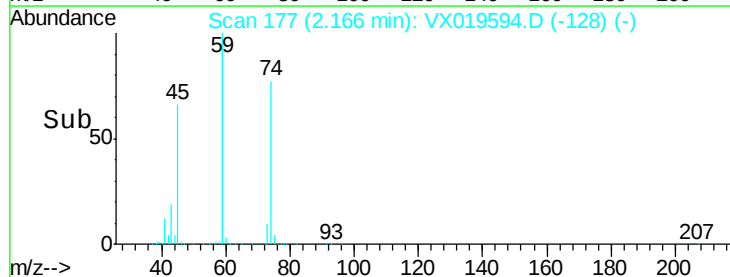
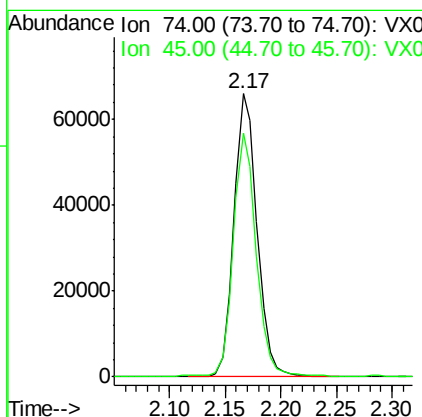
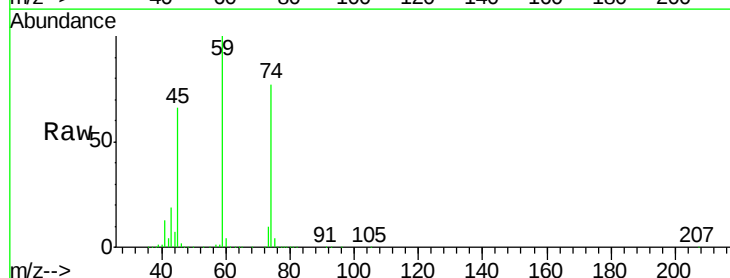
MMDadoda
11/25/2020 10:31:00 AM

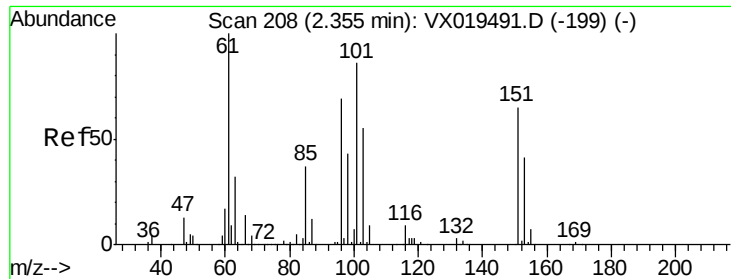


#8

Diethyl Ether
Concen: 49.932 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.1	44.4	133.2





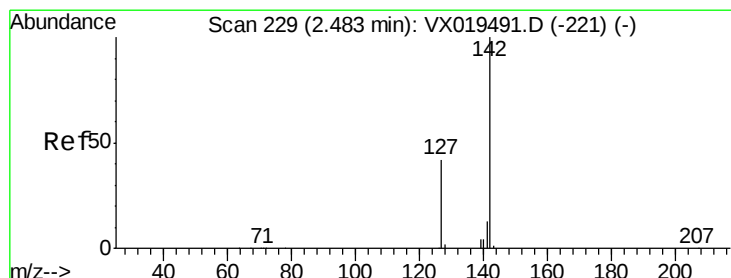
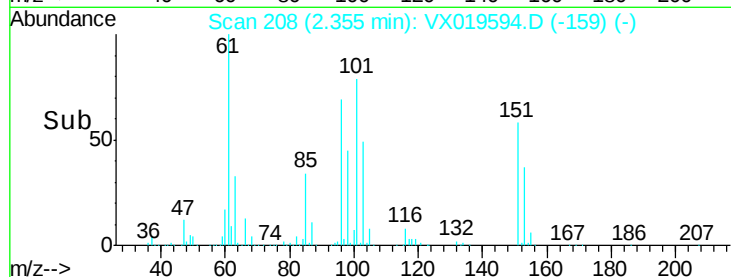
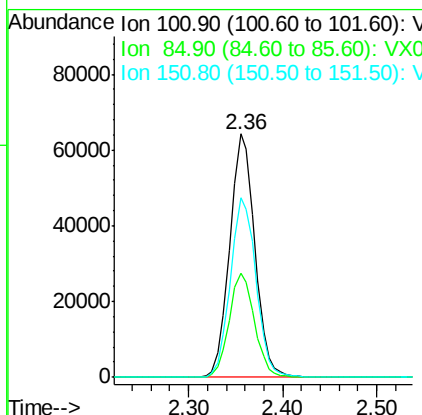
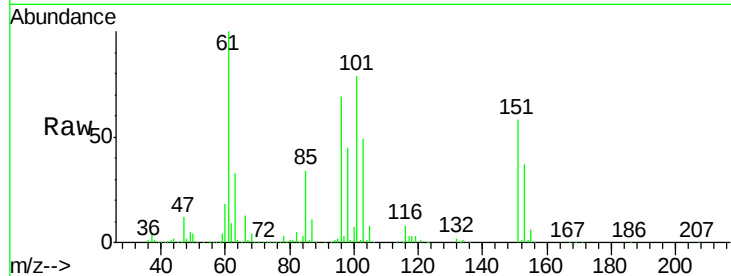
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.142 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019594.D
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 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	119341		
85	43.1	33.9	50.9	
151	75.4	60.9	91.3	

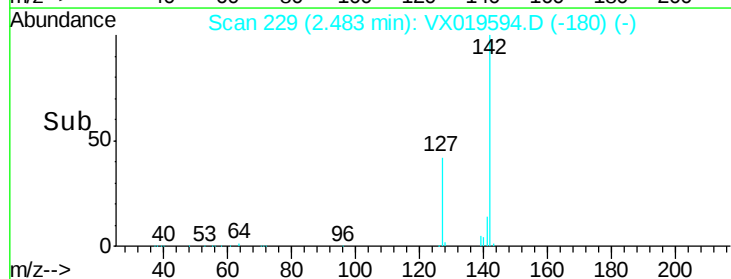
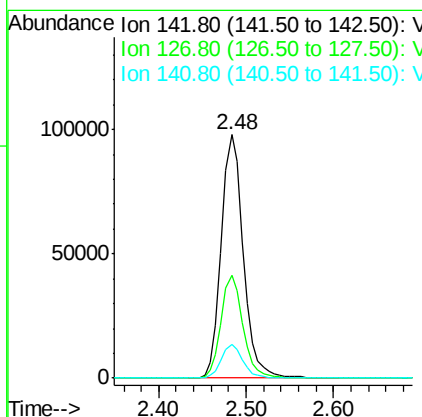
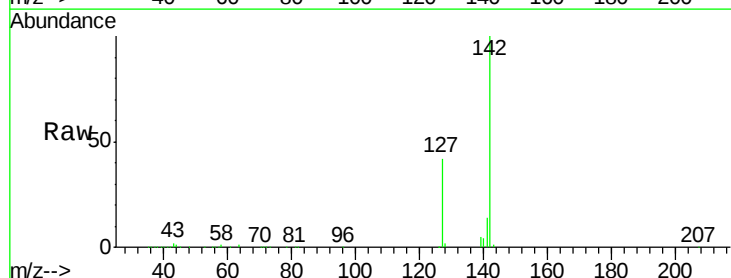
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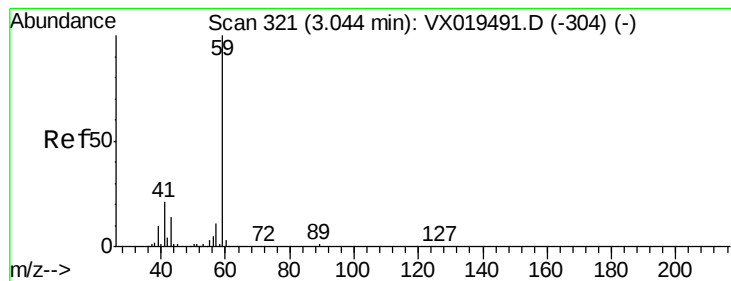
MMDadoda
 11/25/2020 10:31:00 AM



#10
 Methyl Iodide
 Concen: 49.397 ug/l
 RT: 2.48 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	171559		
127	42.0	33.8	50.6	
141	13.7	11.0	16.6	





#11

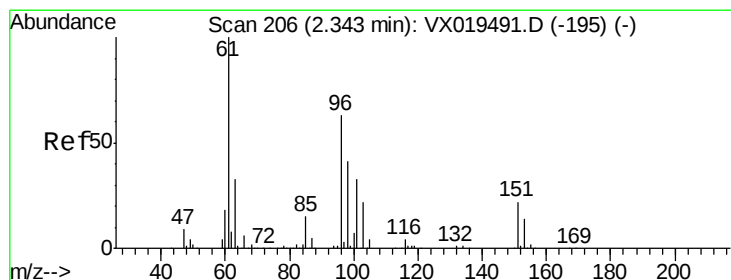
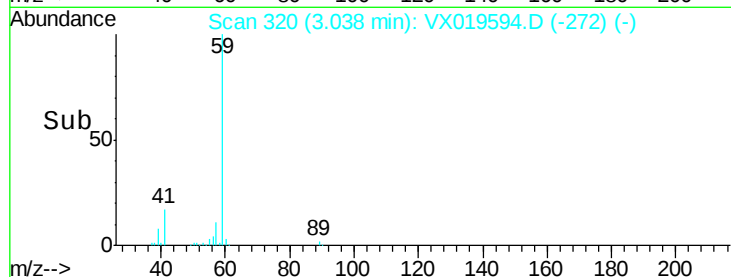
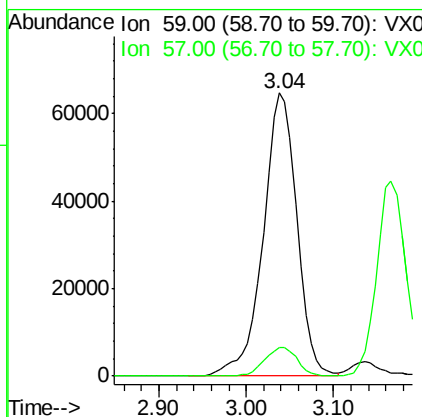
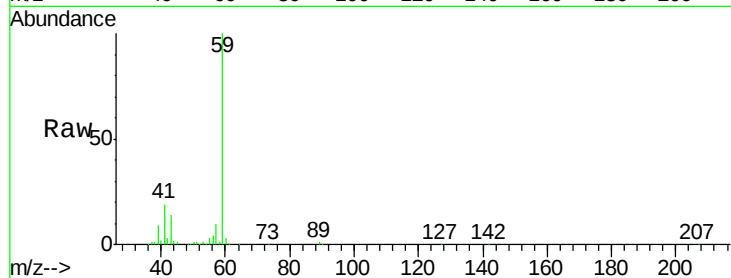
Tert butyl alcohol
 Concen: 258.677 ug/l
 RT: 3.04 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	173485		
57	57	9.9		7.9	11.9

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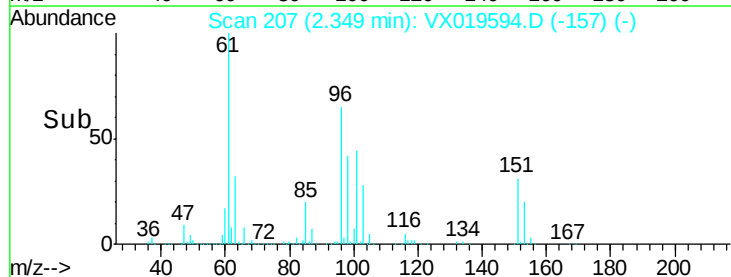
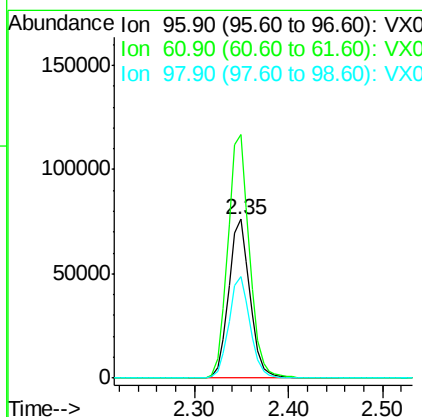
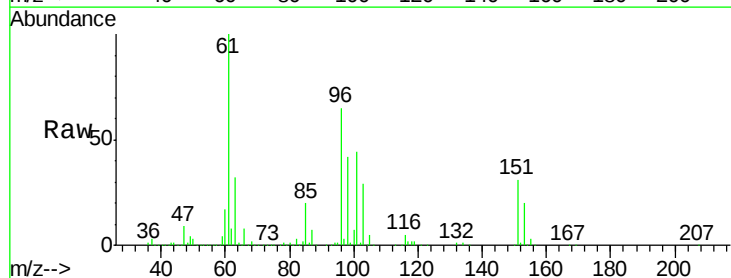
MMDadoda
 11/25/2020 10:31:00 AM

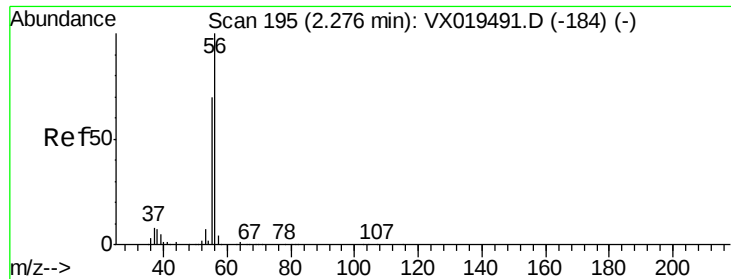


#12

1,1-Dichloroethene
 Concen: 44.006 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	119410		
61	61	153.4		126.0	189.0
98	98	63.8		52.0	78.0





#13

Acrolein

Concen: 200.334 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 90314

Ion Ratio Lower Upper

56 100

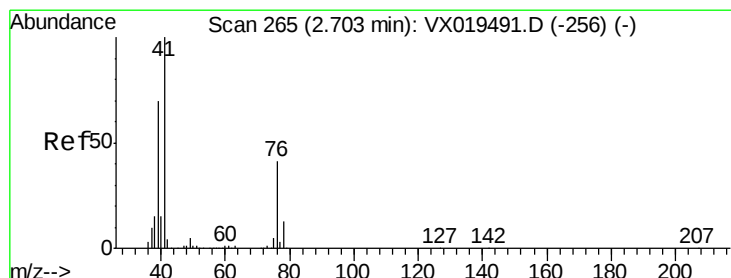
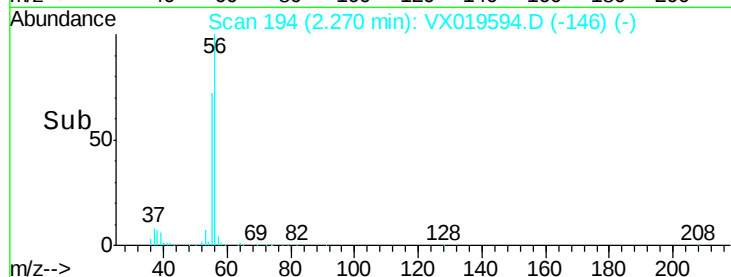
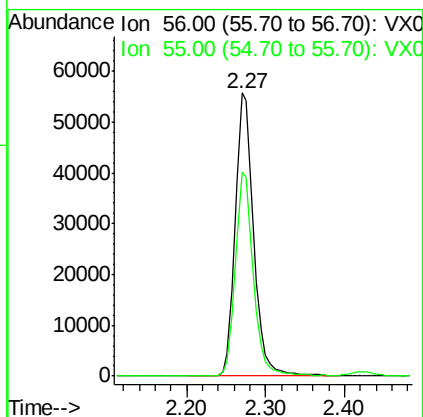
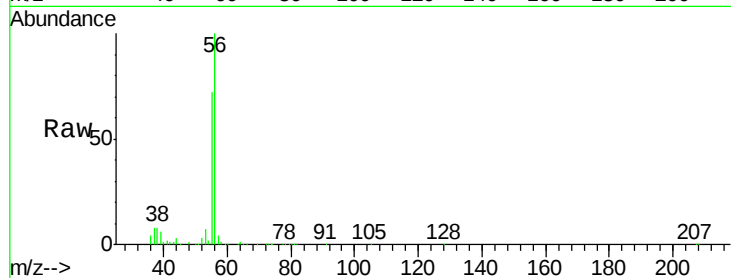
55 70.4 55.5 83.3

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#14

Allyl chloride

Concen: 45.879 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

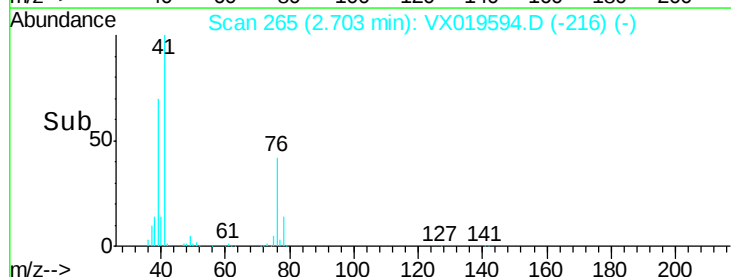
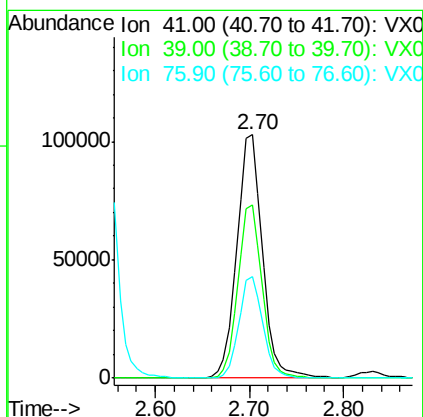
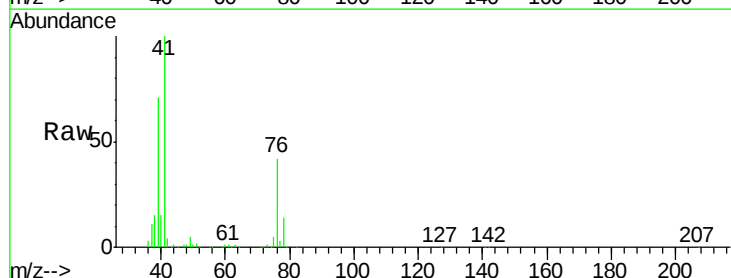
Tgt Ion: 41 Resp: 195024

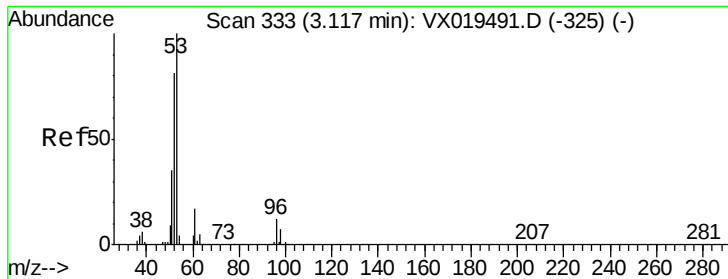
Ion Ratio Lower Upper

41 100

39 67.0 53.0 79.4

76 39.0 31.0 46.6





#15

Acrylonitrile

Concen: 253.089 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

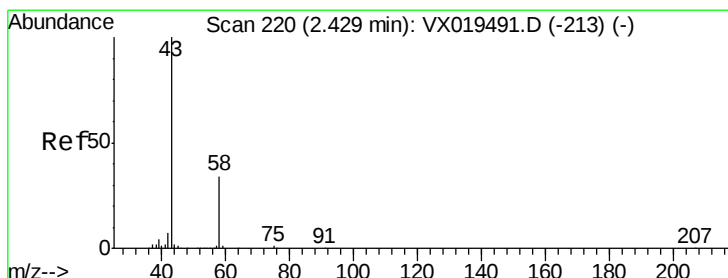
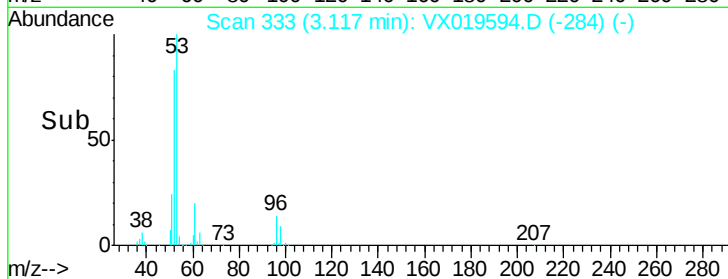
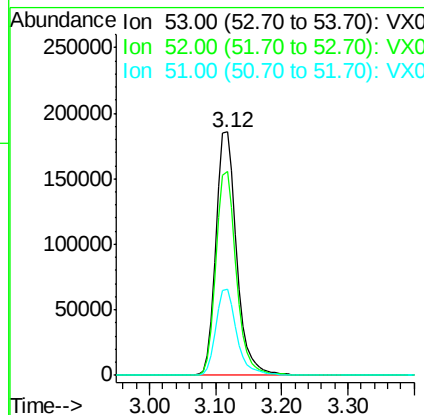
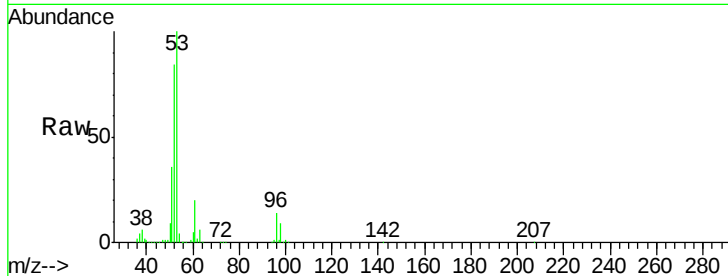
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	400300
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	35.6	28.5	42.7

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#16

Acetone

Concen: 283.821 ug/l

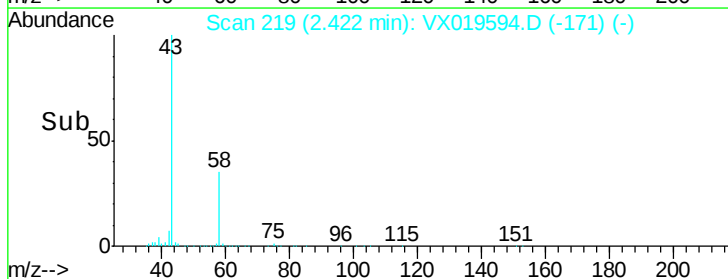
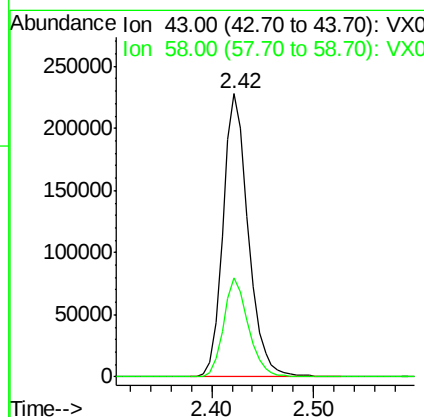
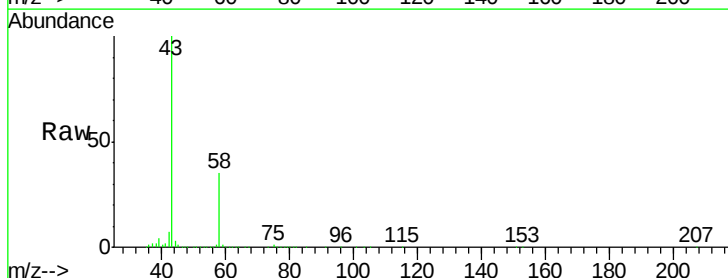
RT: 2.42 min Scan# 219

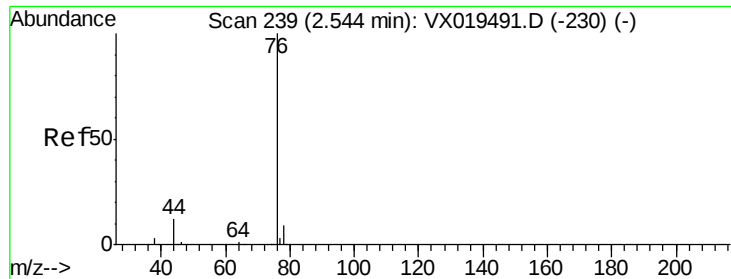
Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Tgt Ion:	43	Resp:	388962
Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.4	41.2





#17

Carbon Disulfide

Concen: 41.741 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 304283

Ion Ratio Lower Upper

76 100

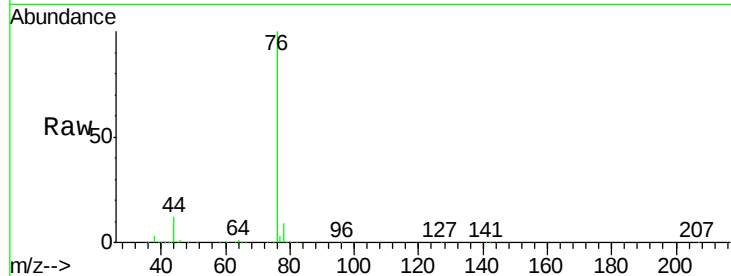
78 9.1 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

200000

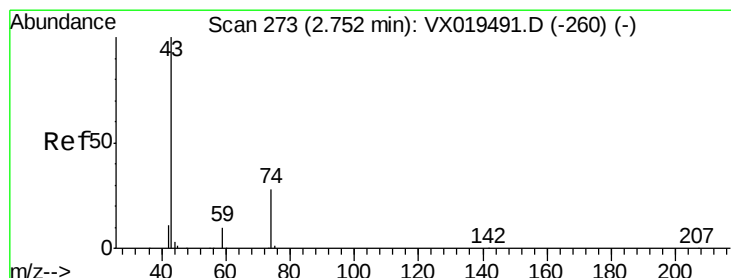
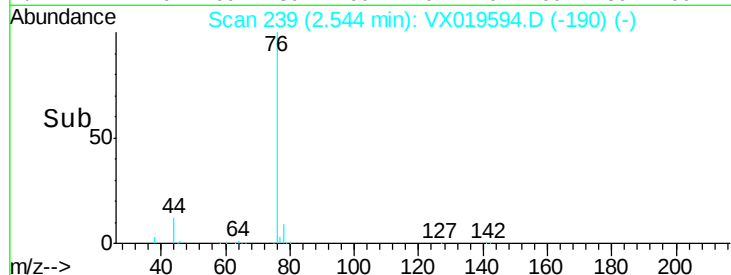
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.196 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019594.D

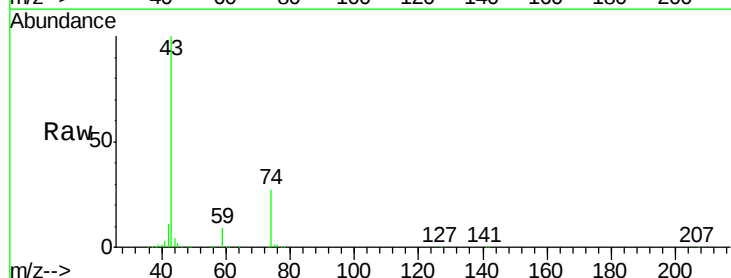
Acq: 24 Nov 2020 09:47

Tgt Ion: 43 Resp: 165273

Ion Ratio Lower Upper

43 100

74 28.6 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

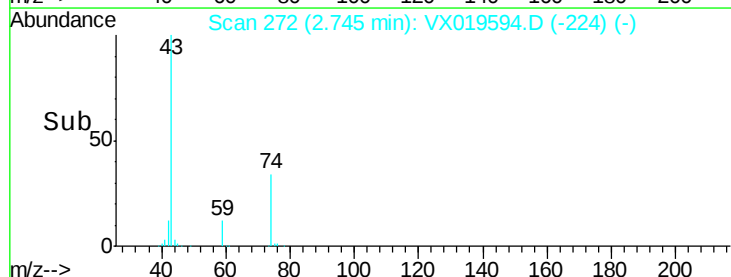
60000

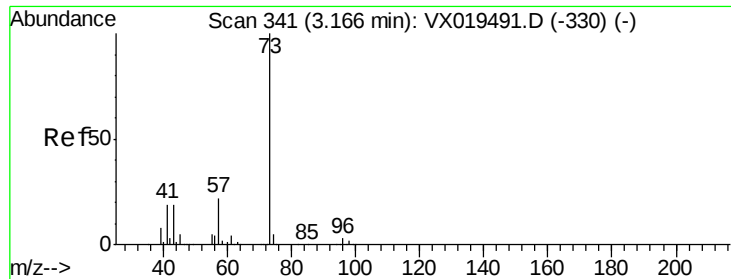
40000

20000

0

Time-->





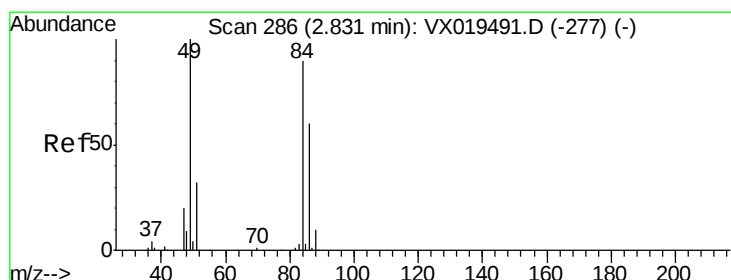
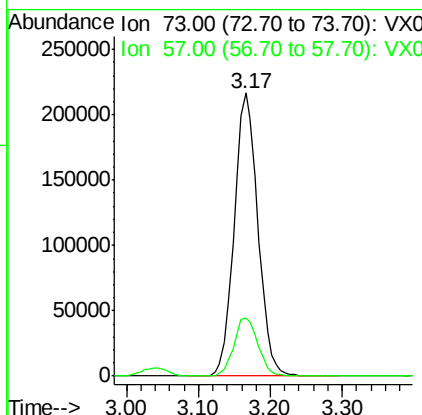
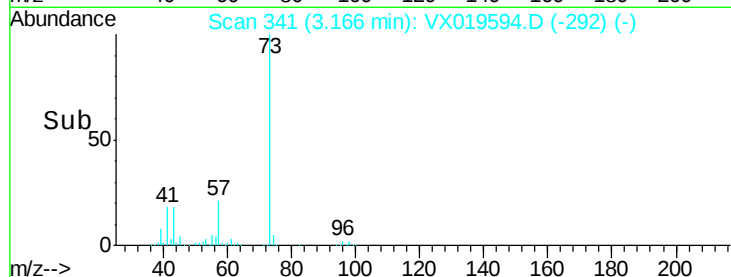
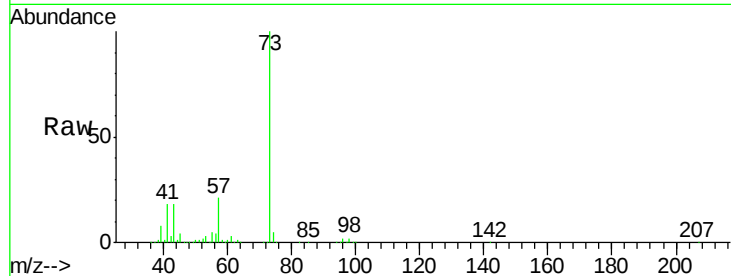
#19
Methyl tert-butyl Ether
Concen: 52.713 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.3	25.9

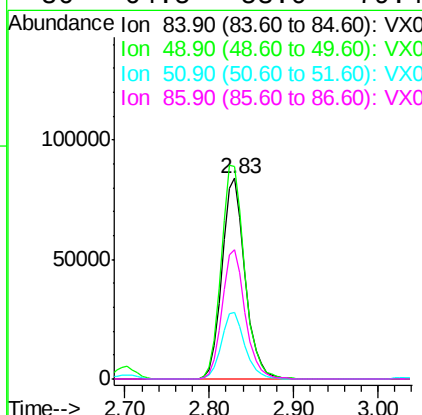
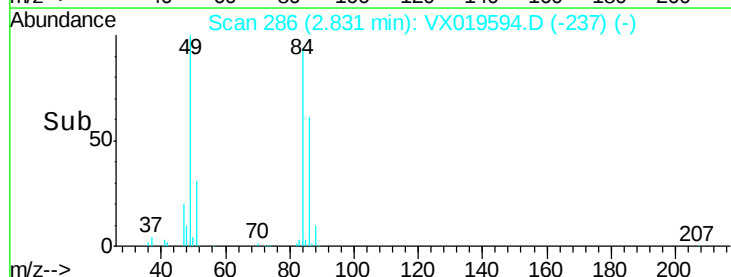
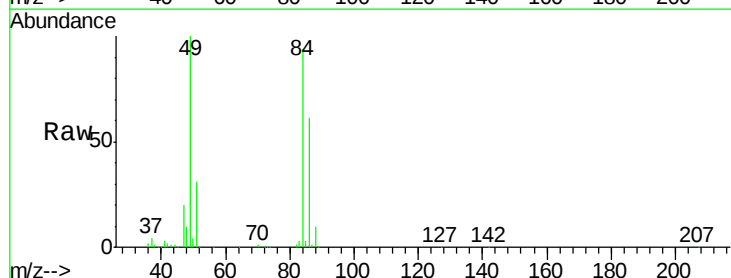
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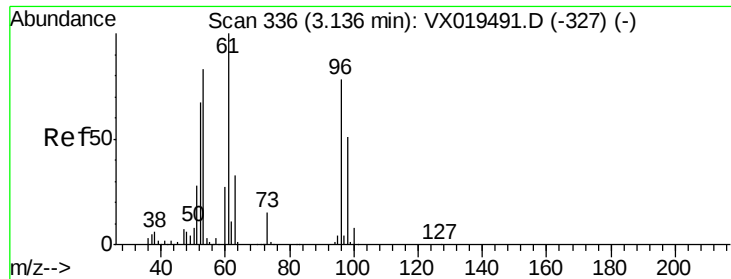
MMDadoda
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#20
Methylene Chloride
Concen: 46.363 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.2	88.5	132.7
51	33.0	28.0	42.0
86	64.5	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 46.024 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

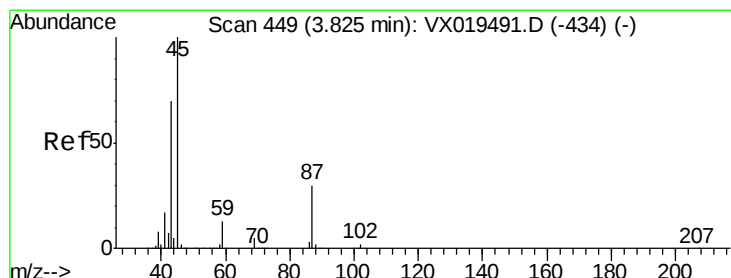
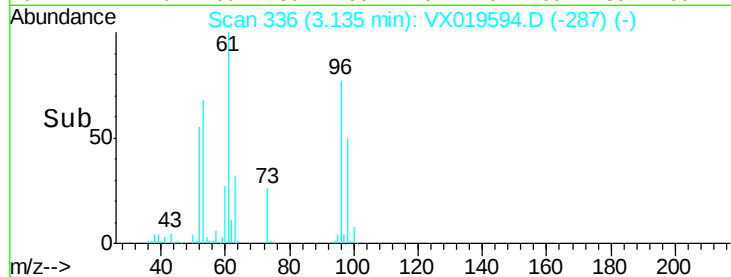
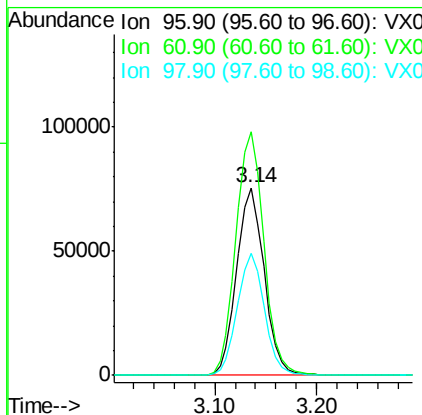
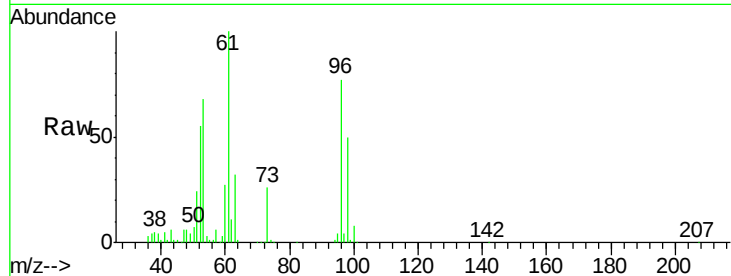
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	141494
Ion	Ratio	Lower	Upper
96	100		
61	129.8	102.9	154.3
98	64.8	52.1	78.1

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#22

Diisopropyl ether

Concen: 50.349 ug/l

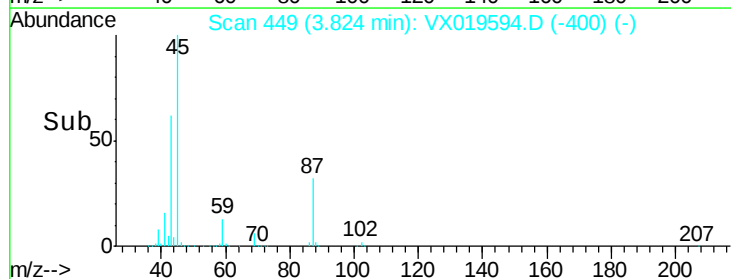
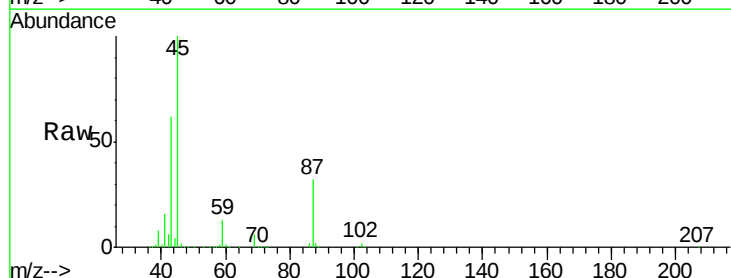
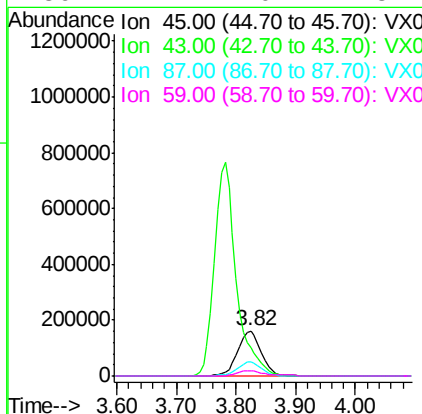
RT: 3.82 min Scan# 449

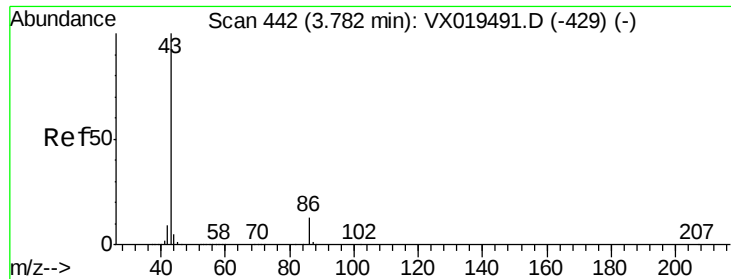
Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Tgt Ion:	45	Resp:	442753
Ion	Ratio	Lower	Upper
45	100		
43	62.2	56.1	84.1
87	31.8	24.2	36.2
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 263.827 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1946006

Ion Ratio Lower Upper

43 100

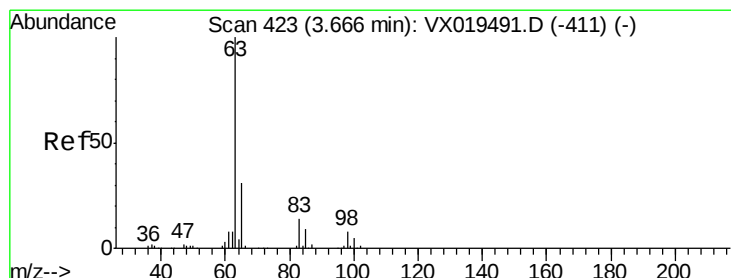
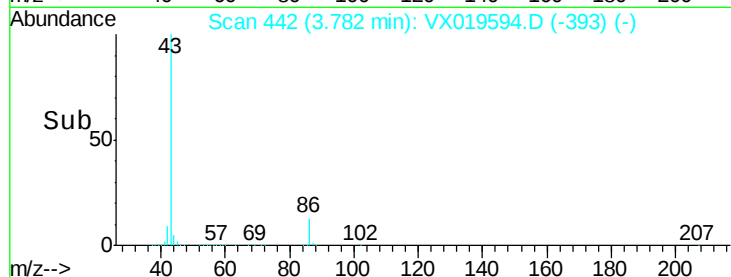
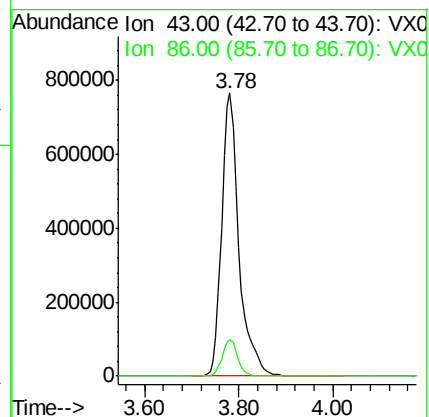
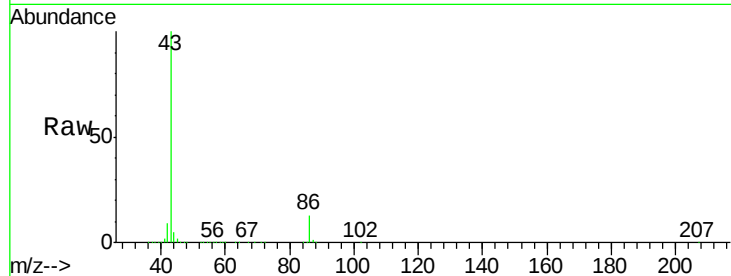
86 13.1 10.2 15.2

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#24

1,1-Dichloroethane

Concen: 47.585 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

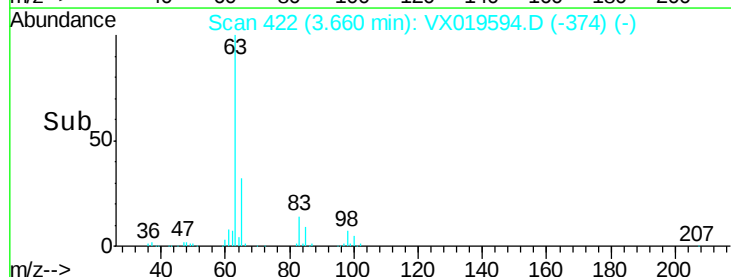
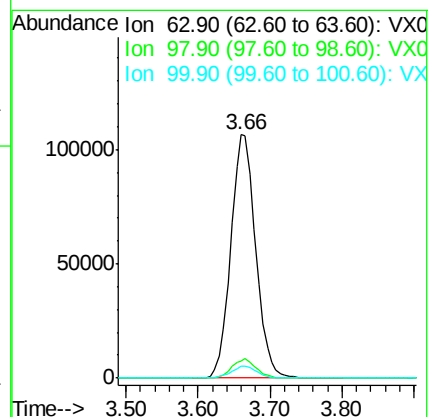
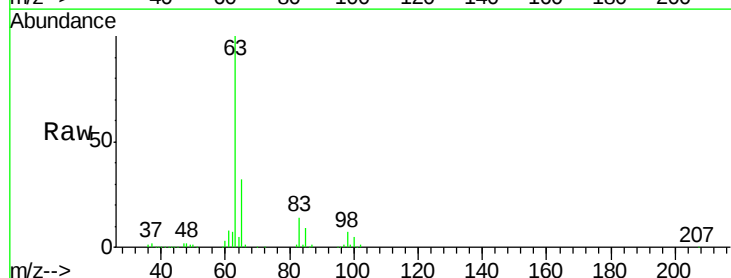
Tgt Ion: 63 Resp: 255946

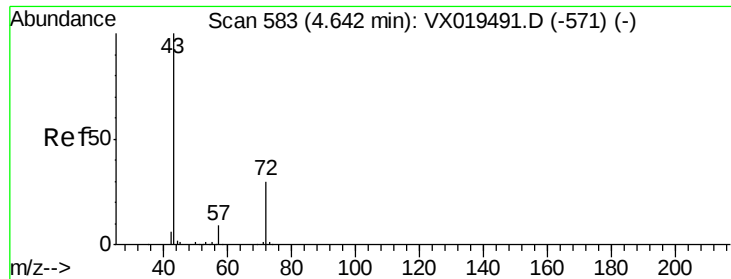
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 271.730 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 559403

Ion Ratio Lower Upper

43 100

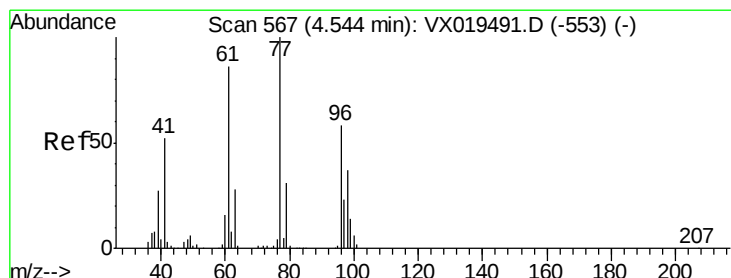
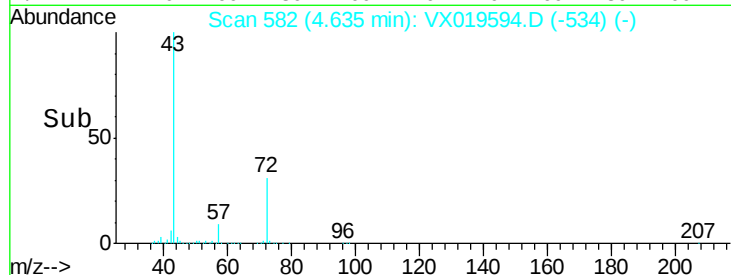
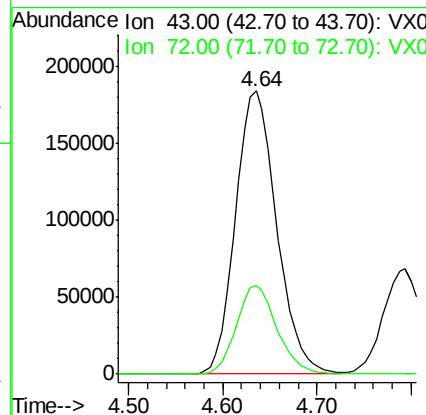
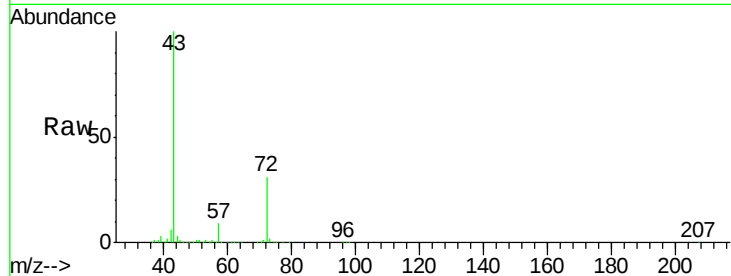
72 31.2 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.002 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019594.D

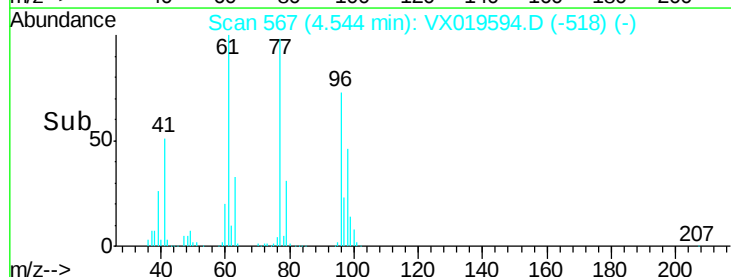
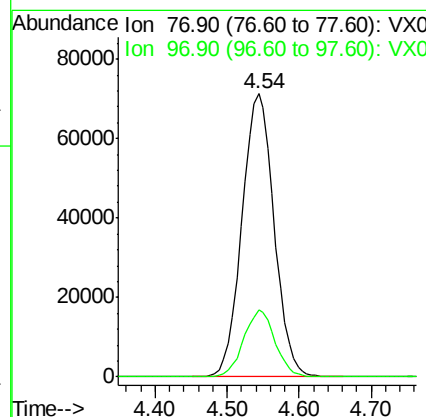
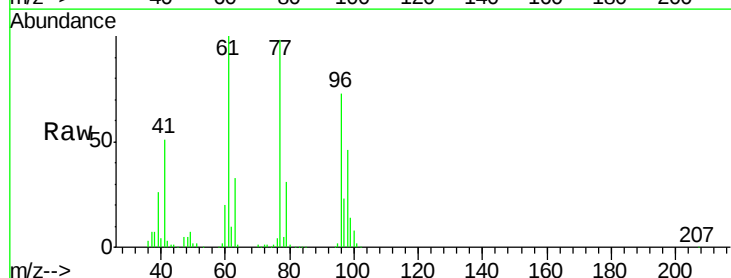
Acq: 24 Nov 2020 09:47

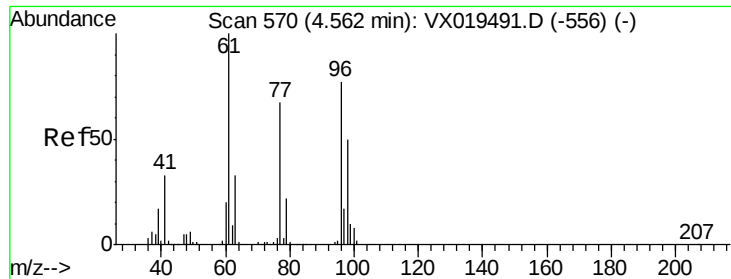
Tgt Ion: 77 Resp: 220667

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8





#27

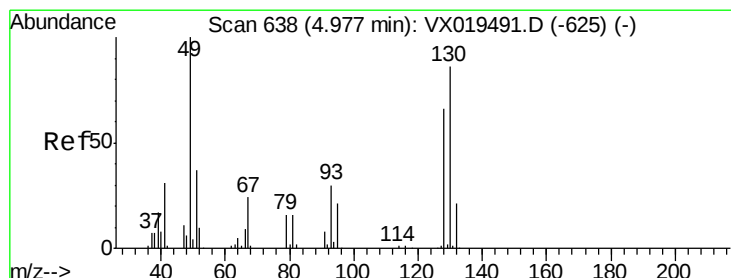
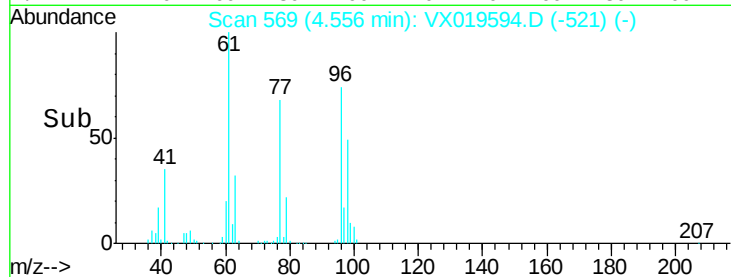
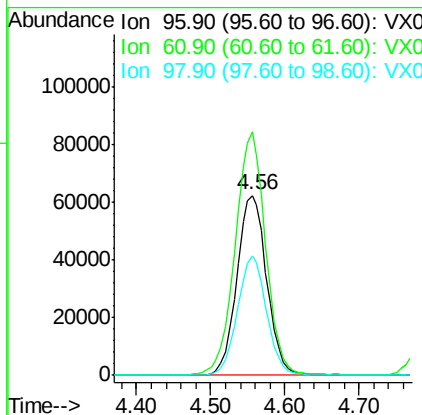
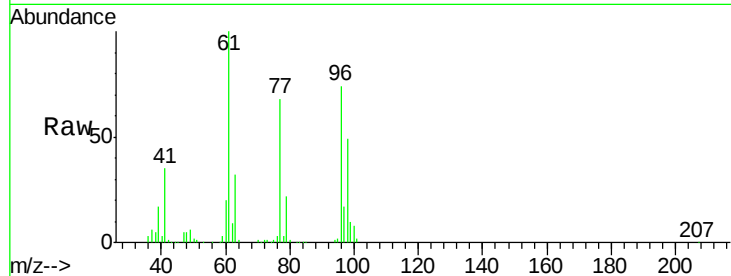
cis-1,2-Dichloroethene
Concen: 49.541 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.2	0.0	279.2	
98	64.6	0.0	129.8	

Manual Integrations
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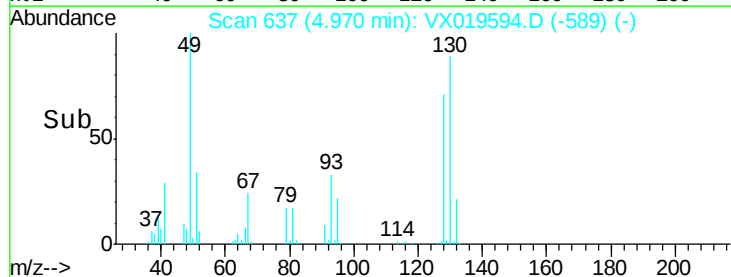
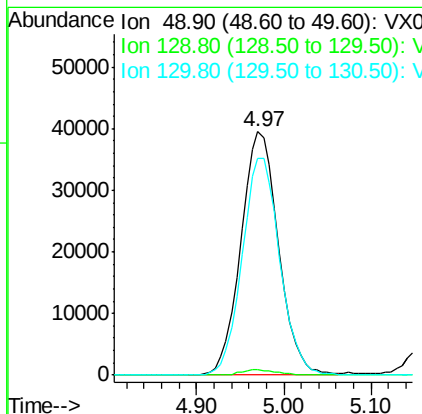
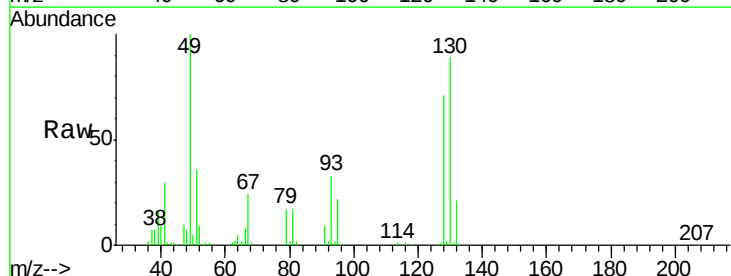
MMDadoda
11/25/2020 10:31:00 AM

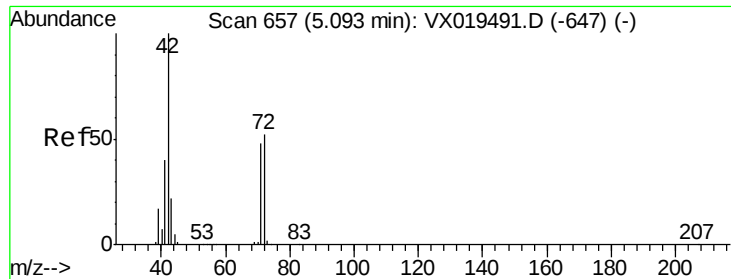


#28

Bromochloromethane
Concen: 45.841 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.2	
130	89.4	69.0	103.6	





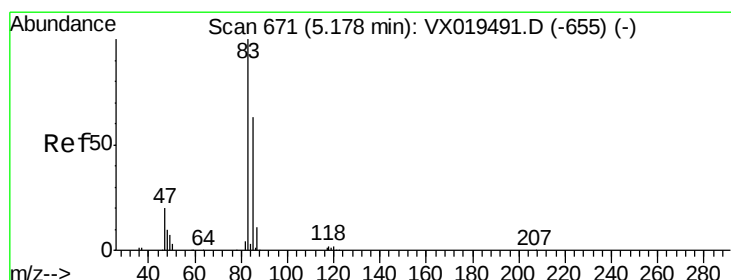
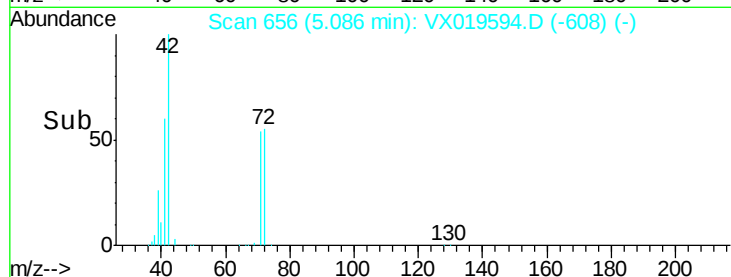
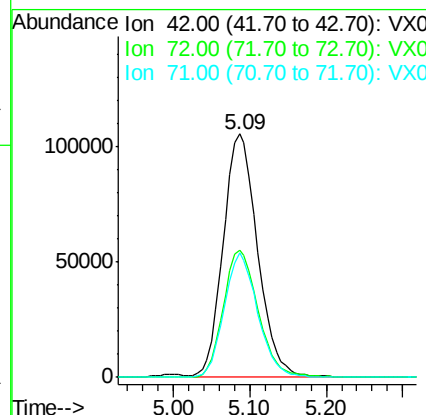
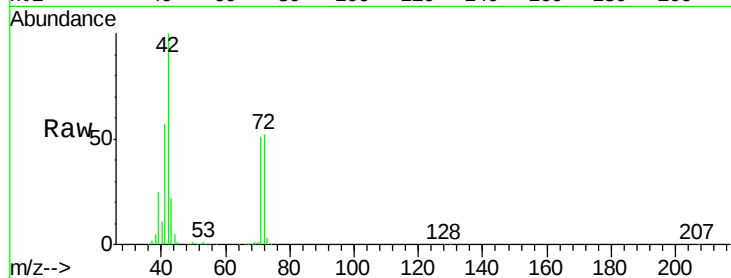
#29
Tetrahydrofuran
Concen: 247.840 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.8	42.6	63.8
71	50.3	39.0	58.6

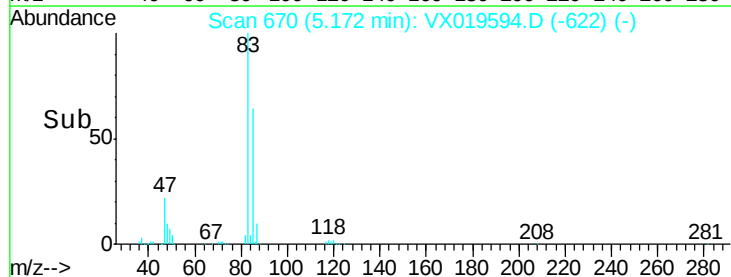
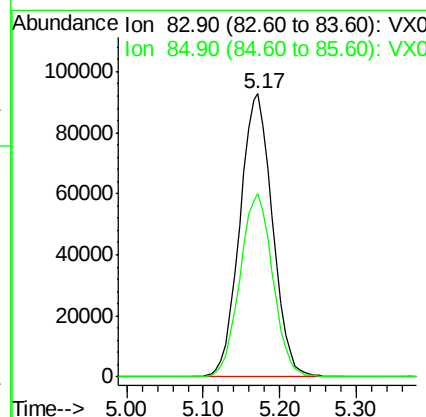
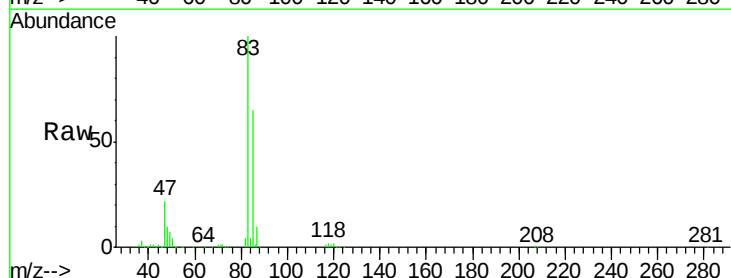
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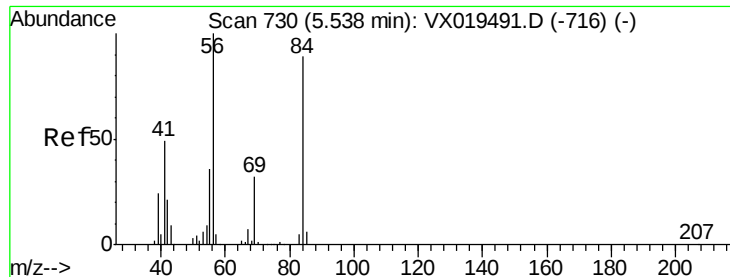
MMDadoda
11/25/2020 10:31:00 AM



#30
Chloroform
Concen: 48.803 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.5	75.7





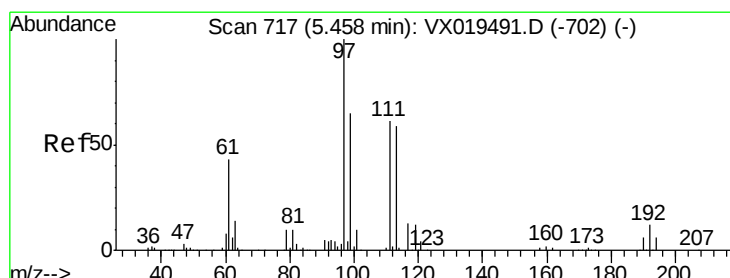
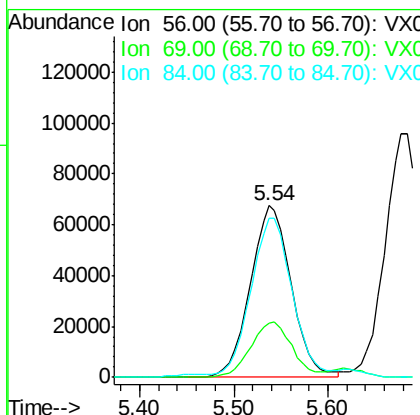
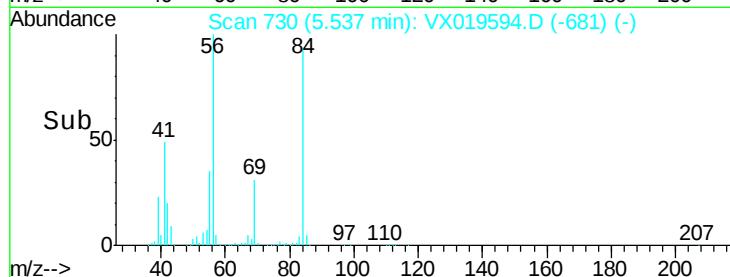
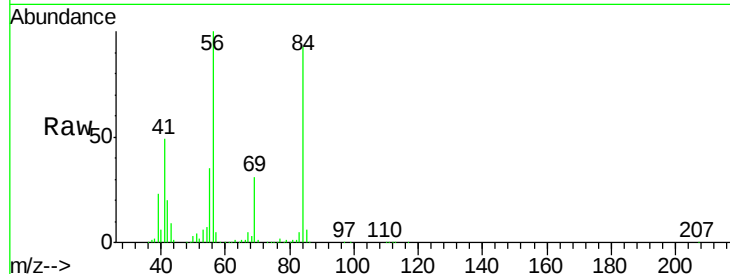
#31
Cyclohexane
Concen: 44.489 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.5	38.3
84	91.3	71.1	106.7

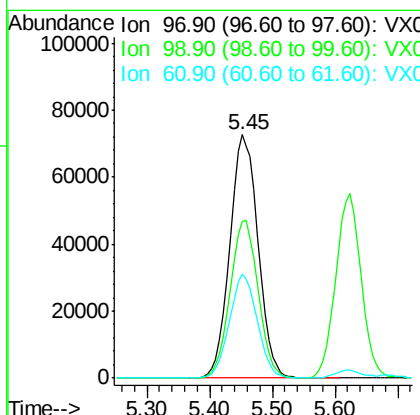
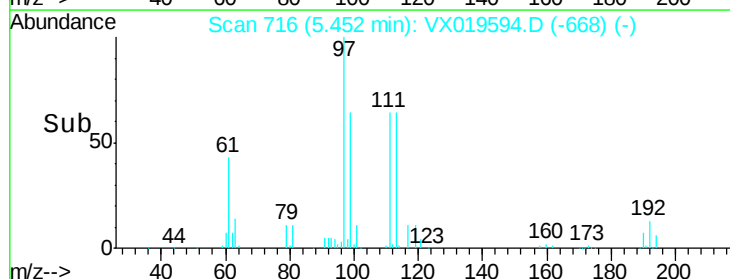
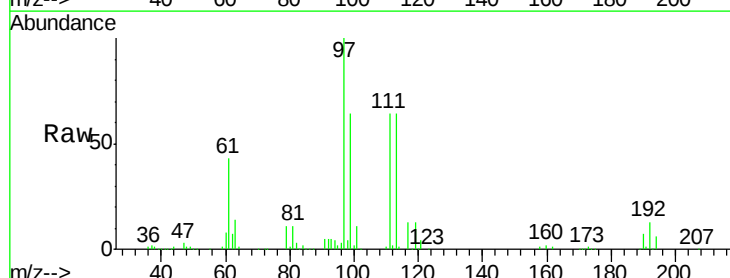
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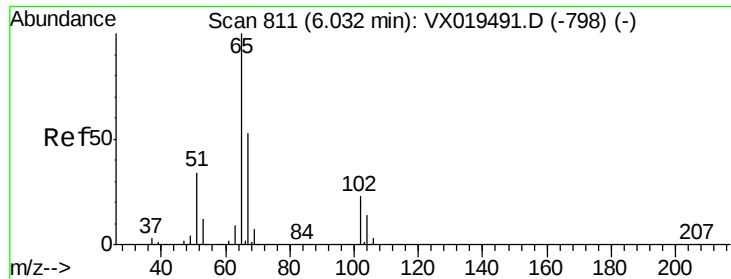
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11/25/2020 10:31:00 AM



#32
1,1,1-Trichloroethane
Concen: 46.727 ug/l
RT: 5.45 min Scan# 716
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	42.4	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 48.020 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 170174

Ion Ratio Lower Upper

65 100

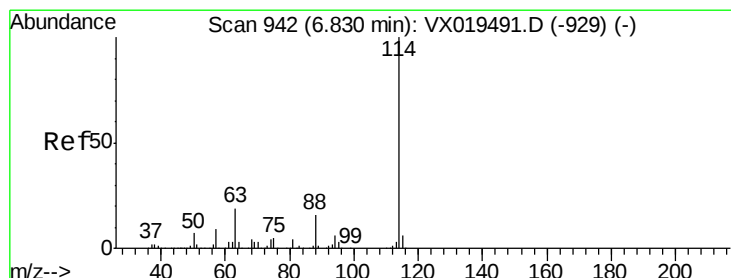
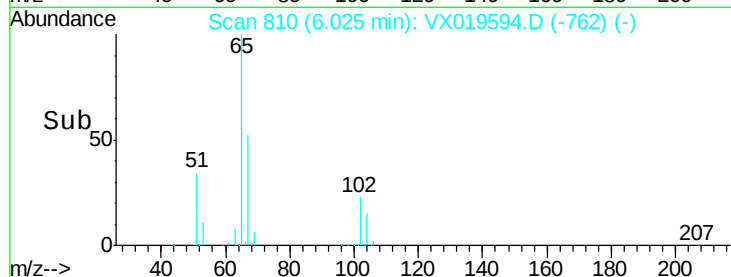
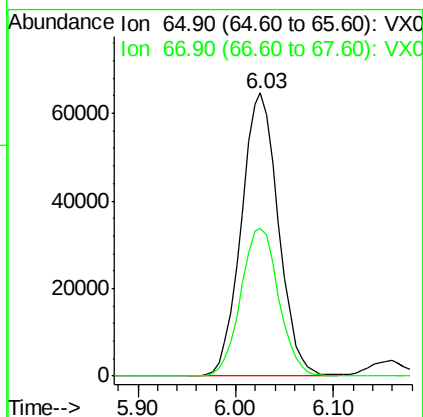
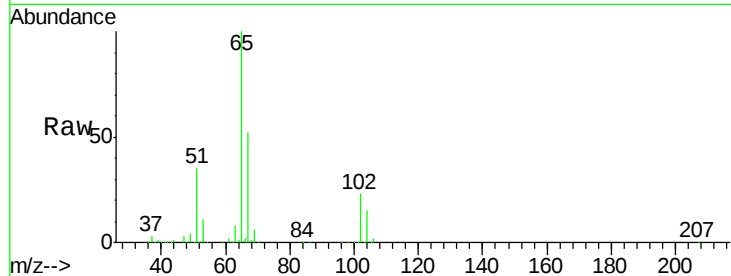
67 53.4 0.0 105.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

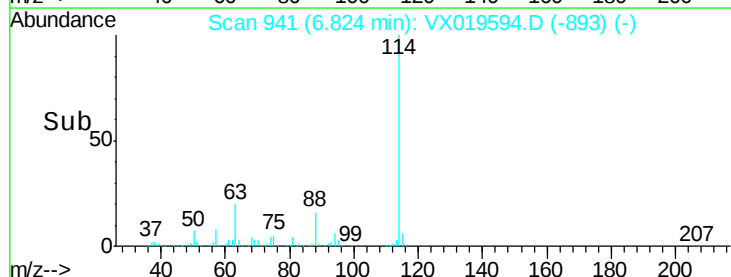
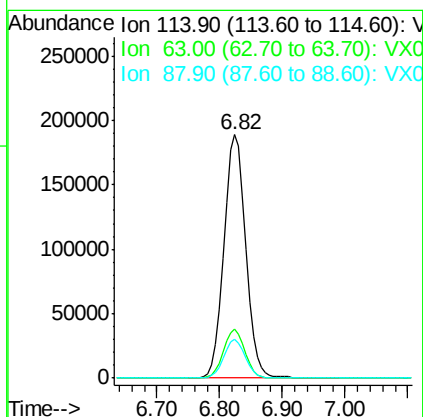
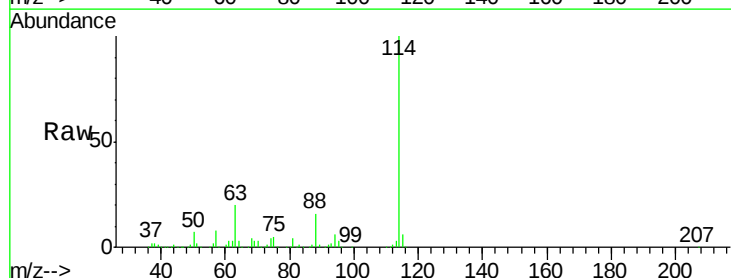
Tgt Ion: 114 Resp: 455202

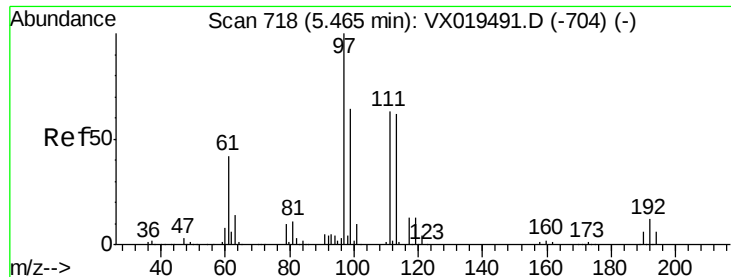
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

88 16.0 0.0 31.6





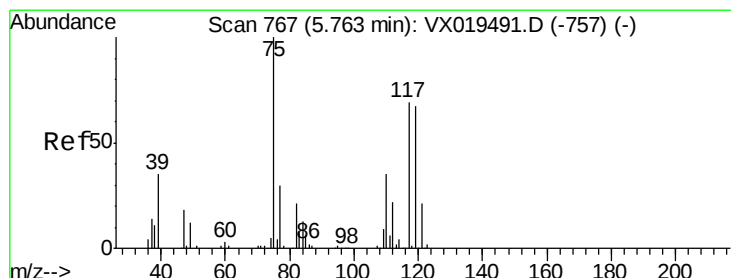
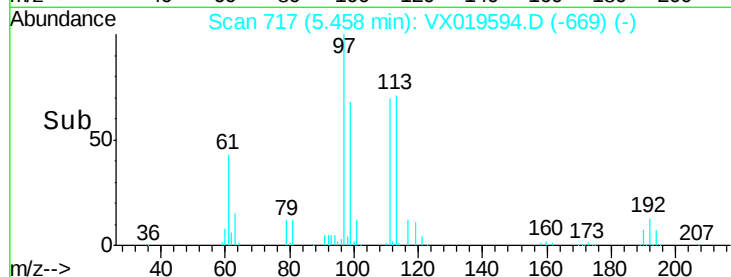
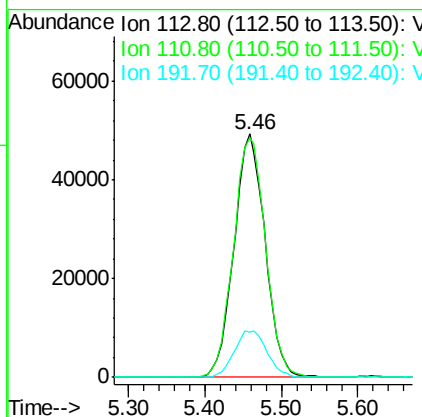
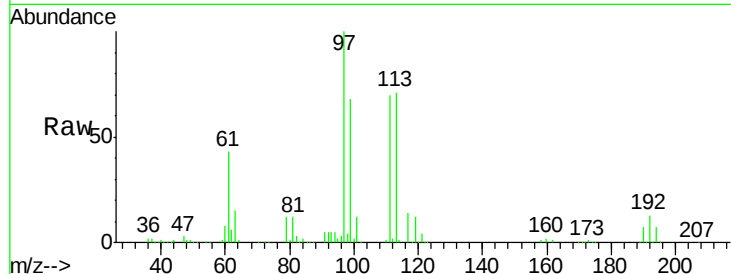
#35
Dibromofluoromethane
Concen: 48.527 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138656		
111	101.9	81.5	122.3	
192	20.2	16.2	24.2	

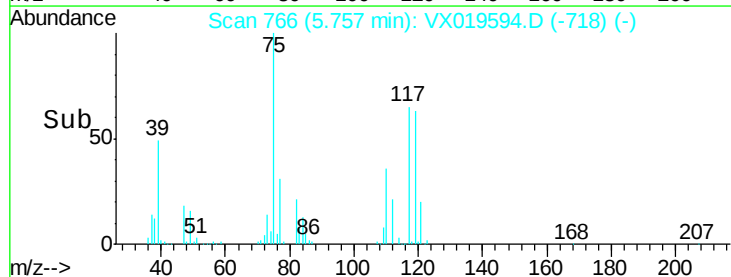
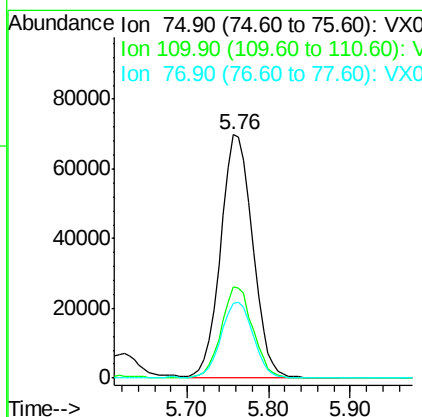
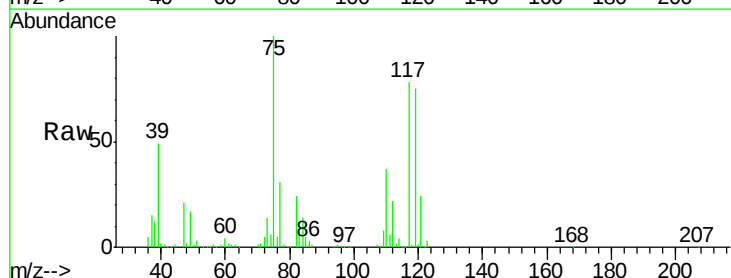
Manual Integrations
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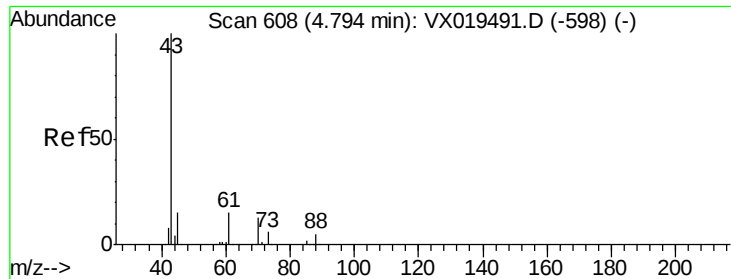
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#36
1,1-Dichloropropene
Concen: 44.423 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	189578		
110	37.0	18.1	54.3	
77	31.5	24.2	36.4	





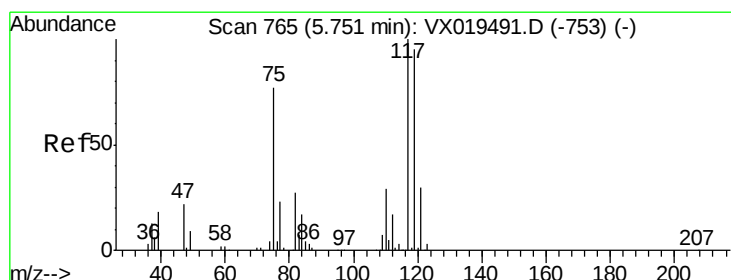
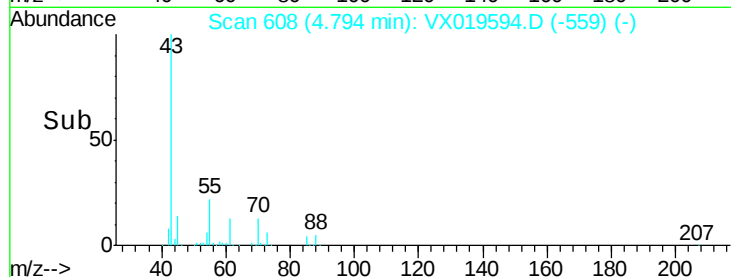
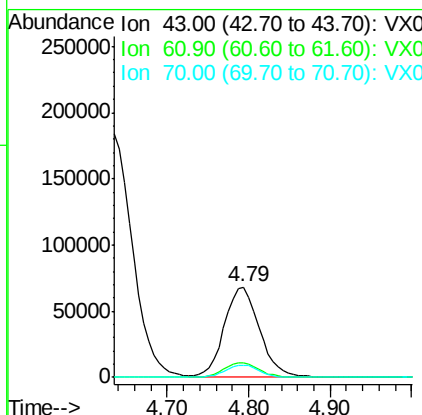
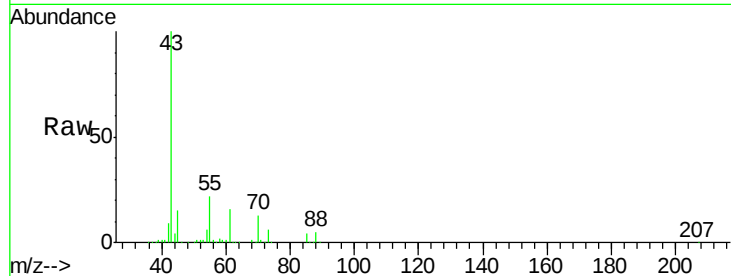
#37
Ethyl Acetate
Concen: 50.563 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.7	19.1
70	13.3	10.2	15.2

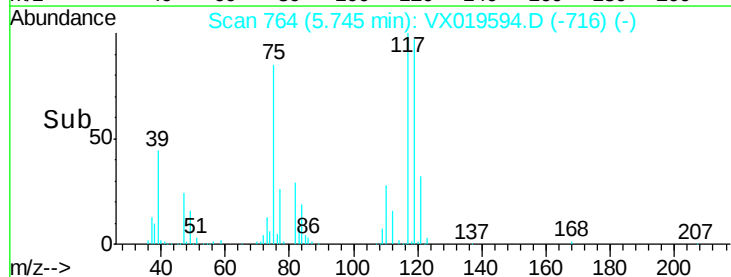
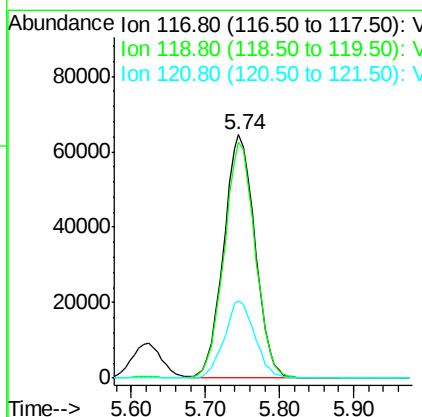
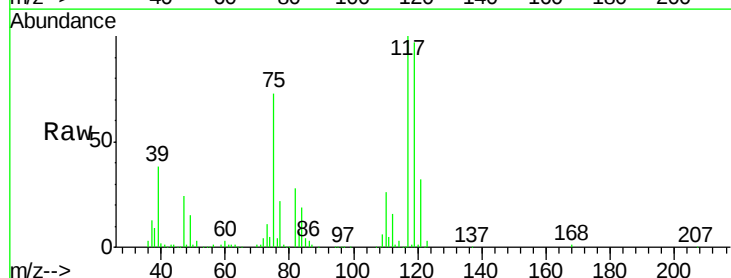
Manual Integrations
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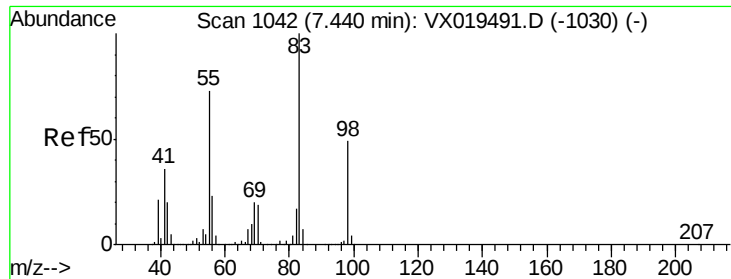
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#38
Carbon Tetrachloride
Concen: 45.827 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.9	113.9
121	31.9	24.0	36.0





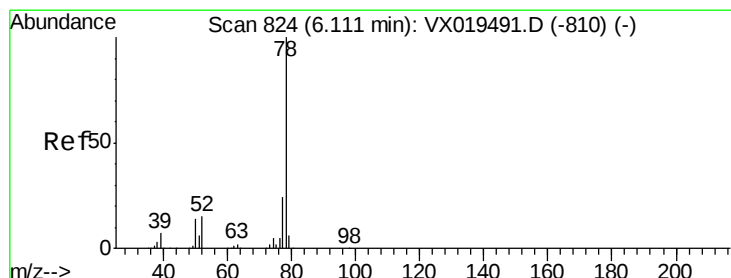
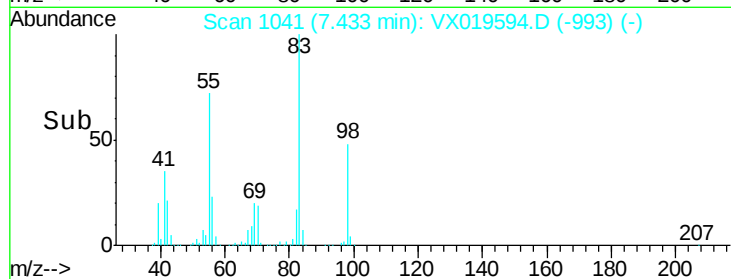
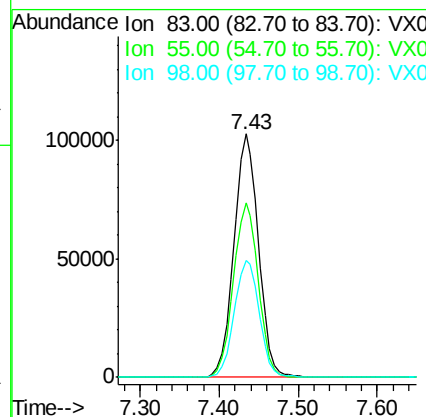
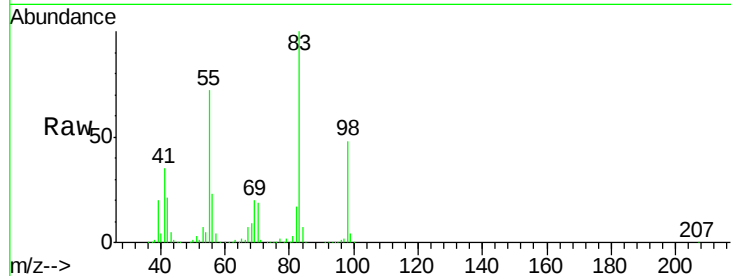
#39
Methvlcvclohexane
Concen: 44.767 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	222445		
55	71.7		58.3	87.5
98	48.1		38.9	58.3

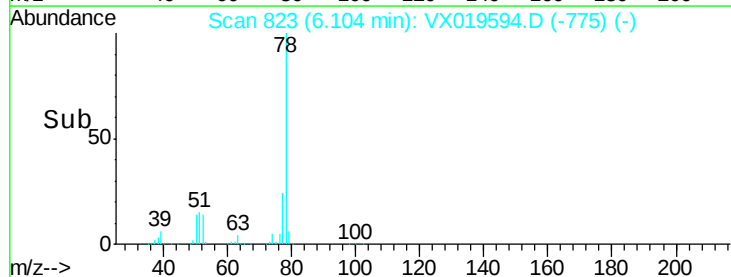
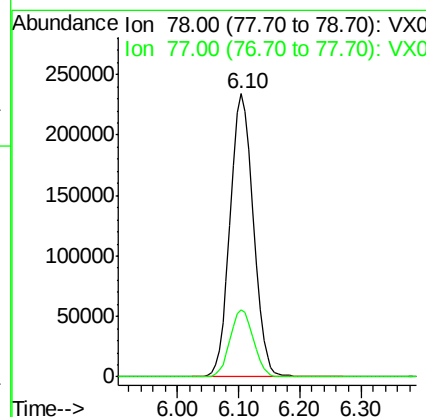
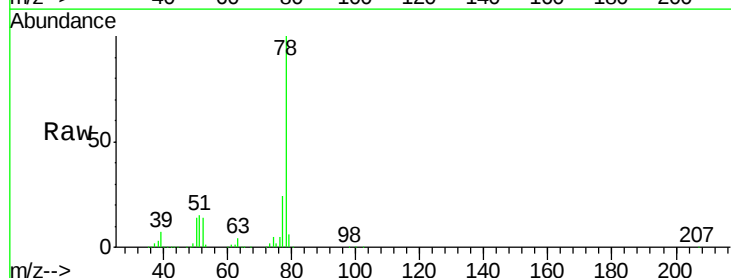
Manual Integrations
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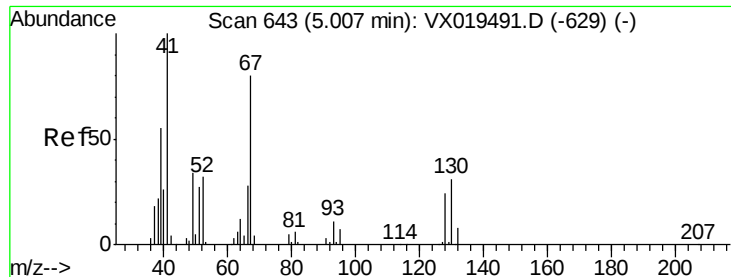
MMDadoda
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#40
Benzene
Concen: 46.760 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	613116		
77	23.9		18.9	28.3





#41

Methacrylonitrile

Concen: 50.668 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

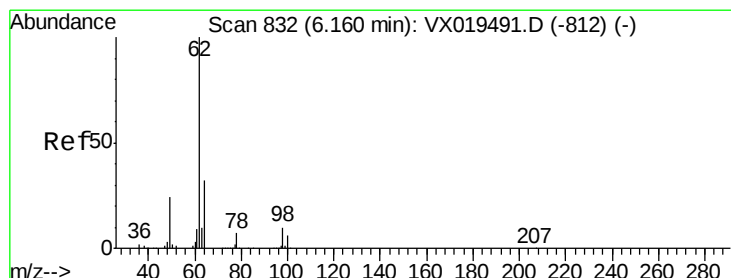
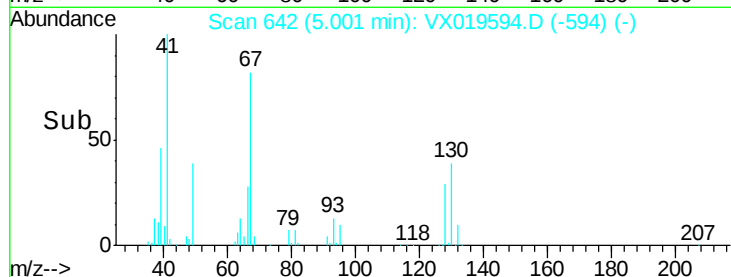
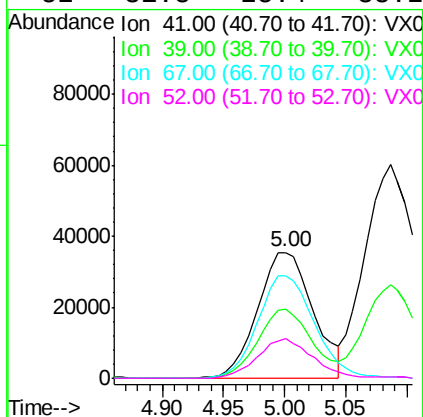
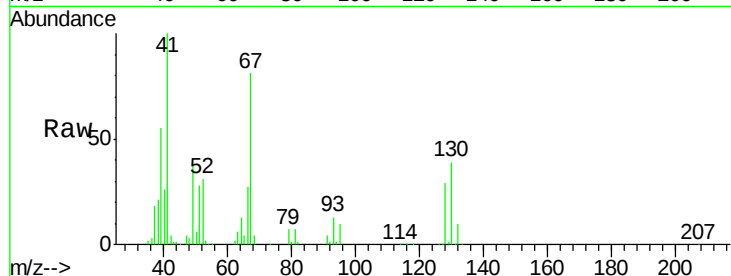
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	43.3	64.9	
67	83.6	66.0	99.0	
52	31.8	25.4	38.2	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.683 ug/l

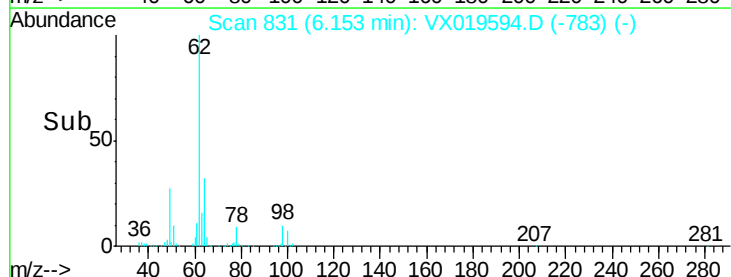
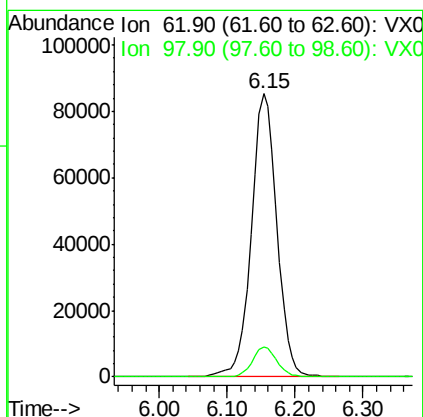
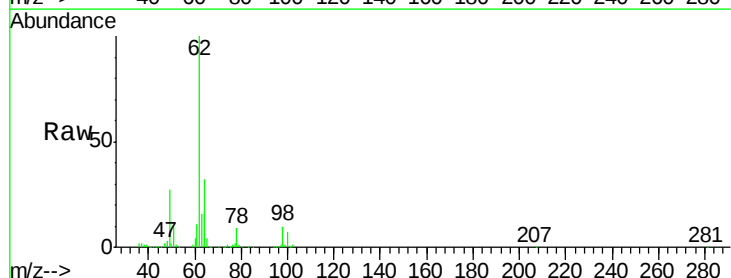
RT: 6.15 min Scan# 831

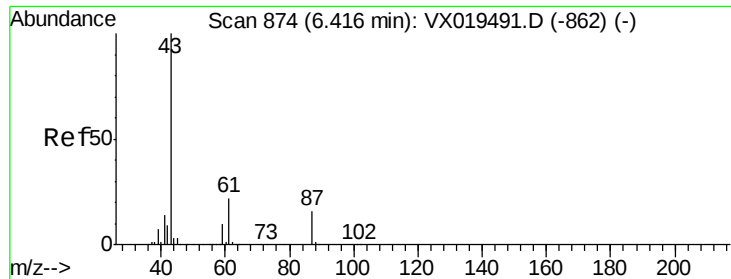
Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.0	





#43

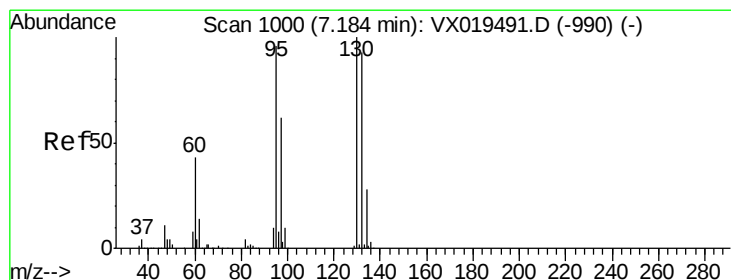
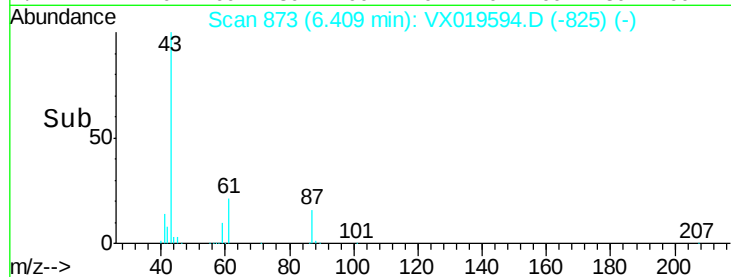
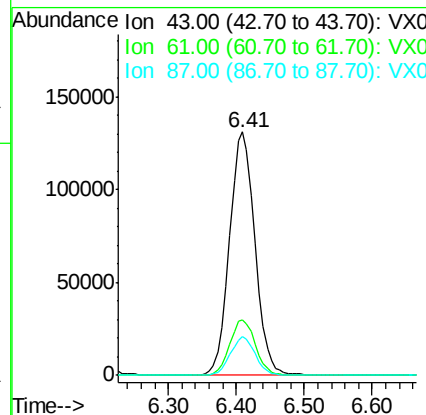
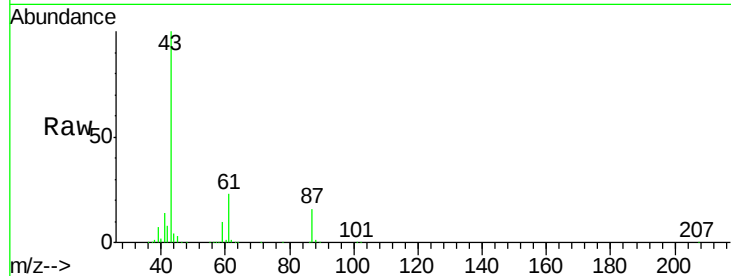
Isopropyl Acetate
 Concen: 50.237 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.2
87	15.6	12.6	18.8

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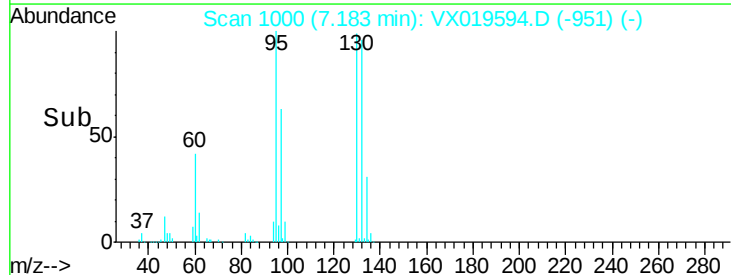
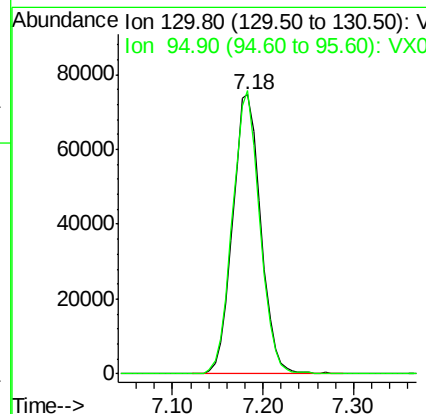
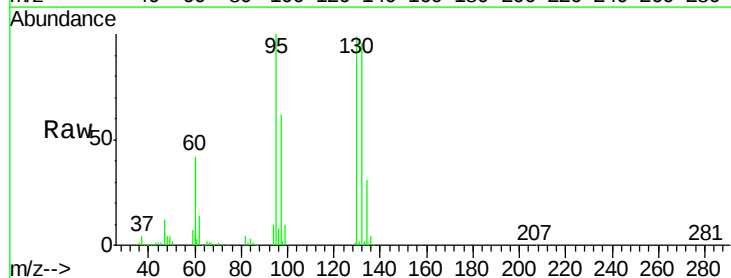
MMDadoda
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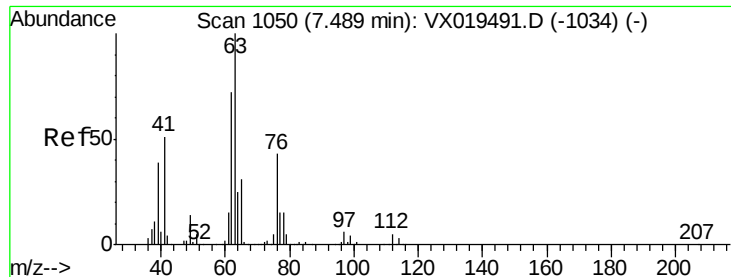


#44

Trichloroethene
 Concen: 46.826 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	191.2





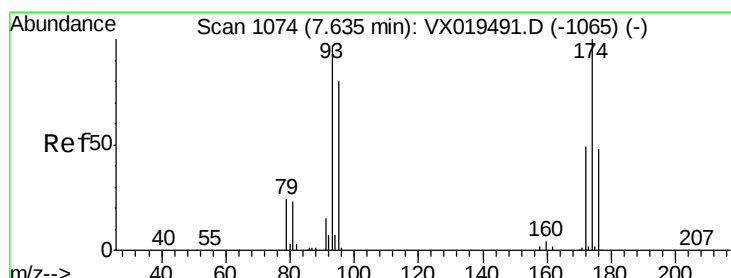
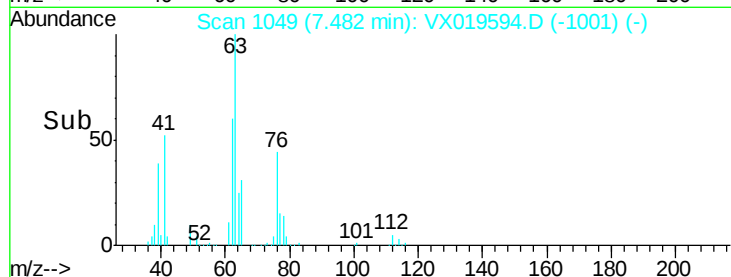
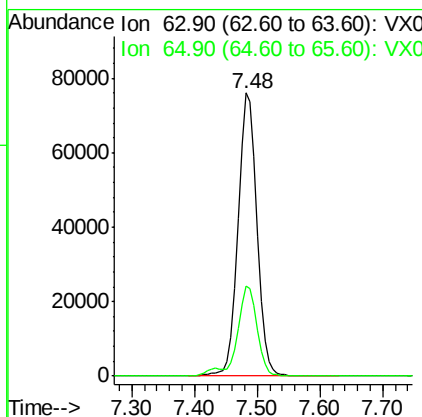
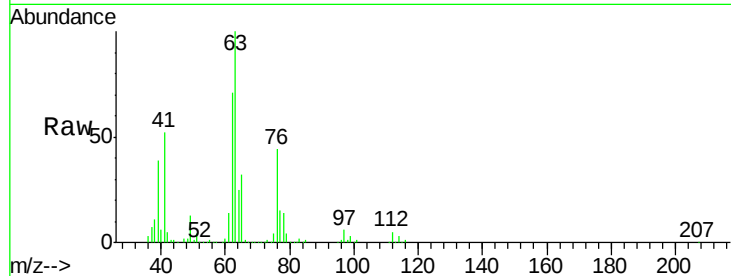
#45
 1,2-Dichloropropane
 Concen: 49.027 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 158254
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.4

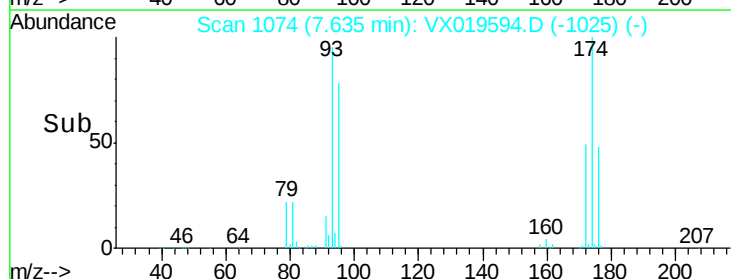
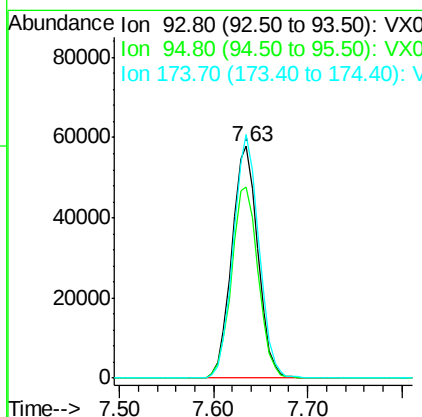
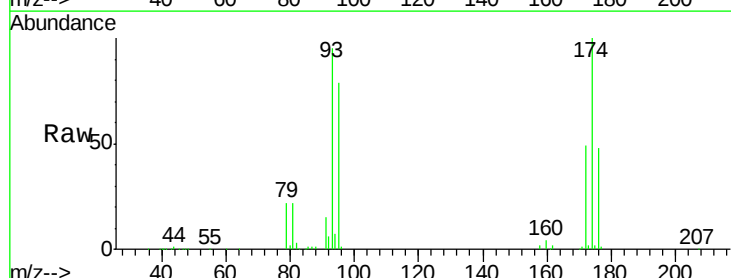
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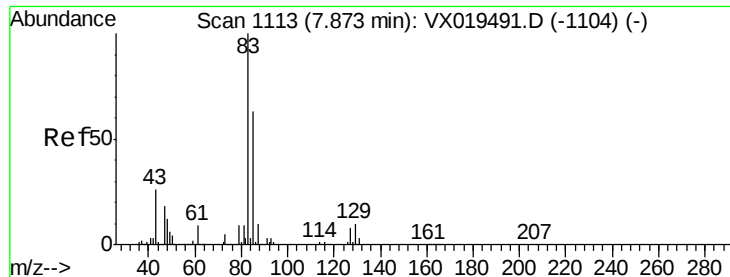
MMDadoda
 11/25/2020 10:31:00 AM



#46
 Dibromomethane
 Concen: 50.343 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion: 93 Resp: 111222
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.8 100.2
 174 103.0 83.0 124.4





#47

Bromodichloromethane

Concen: 51.227 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

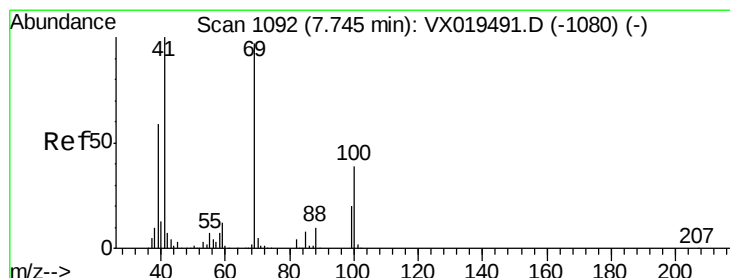
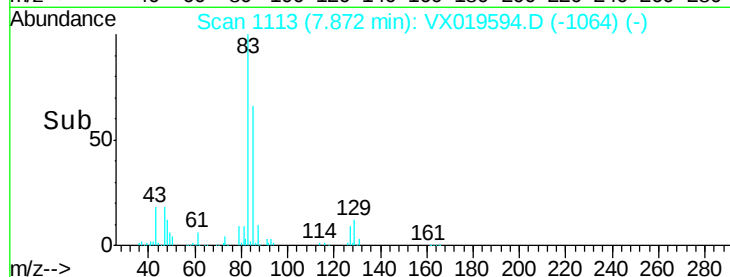
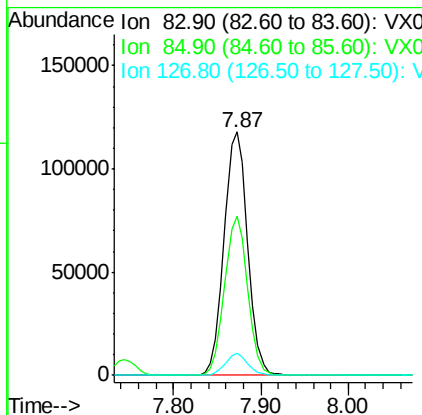
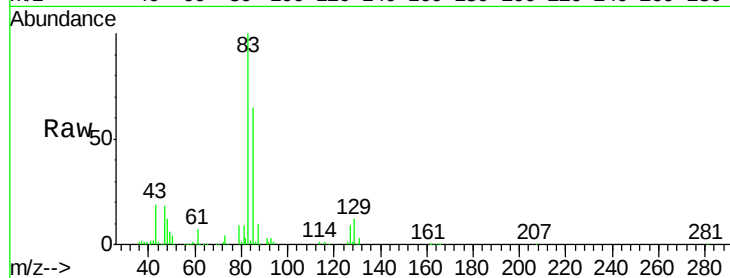
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	219612
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.2	75.2
127	8.9	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.557 ug/l

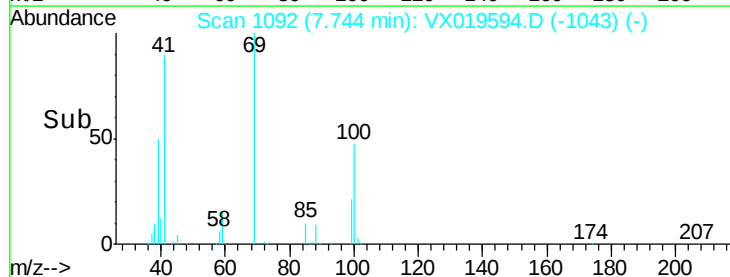
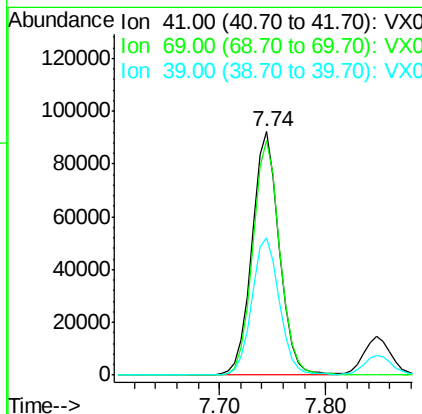
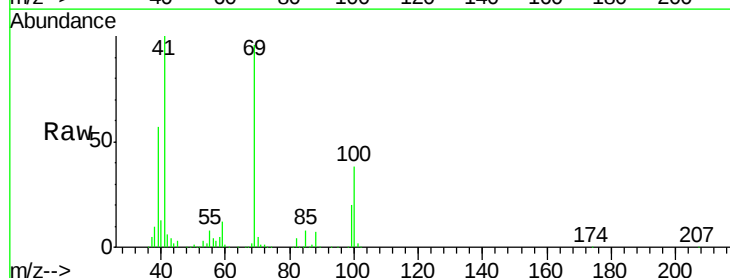
RT: 7.74 min Scan# 1092

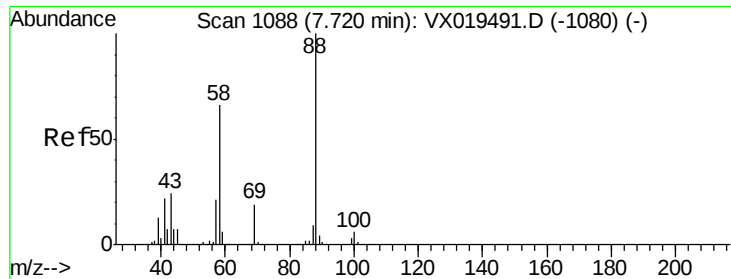
Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Tgt Ion:	41	Resp:	165765
Ion	Ratio	Lower	Upper
41	100		
69	96.2	77.0	115.6
39	57.5	45.6	68.4





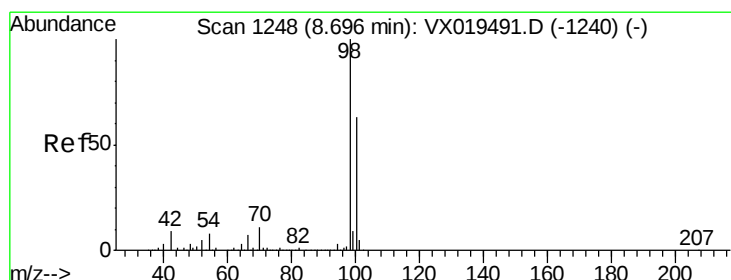
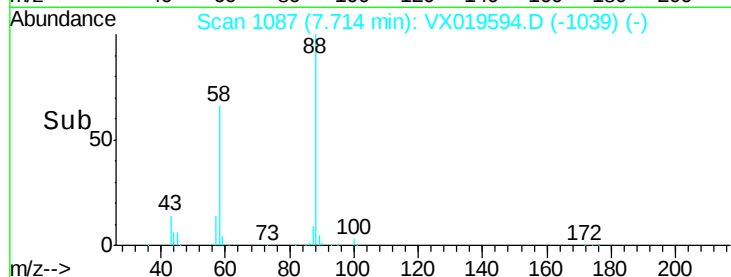
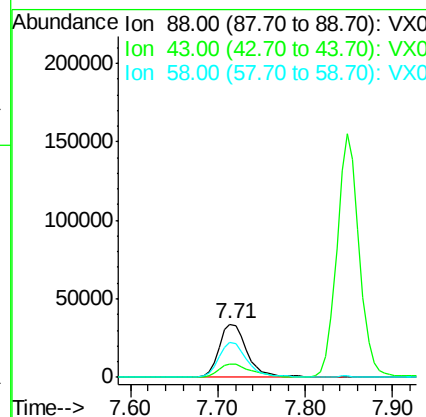
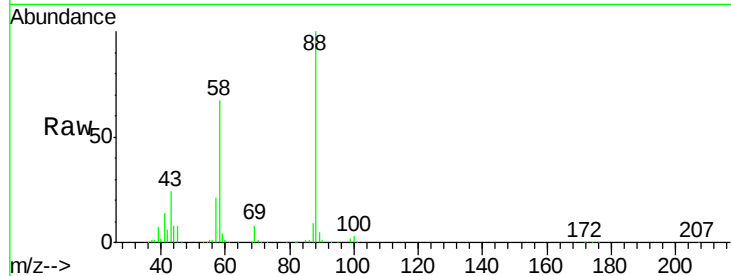
#49
1,4-Dioxane
Concen: 1060.410 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.8	35.6
58	66.5	54.2	81.2

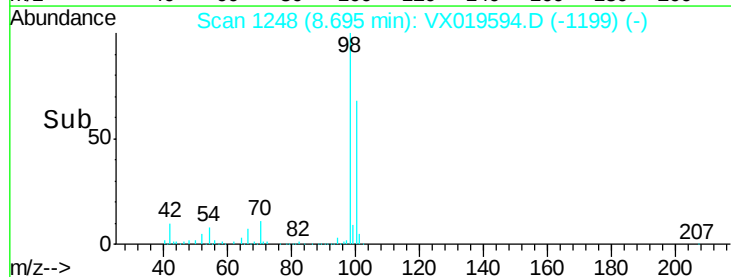
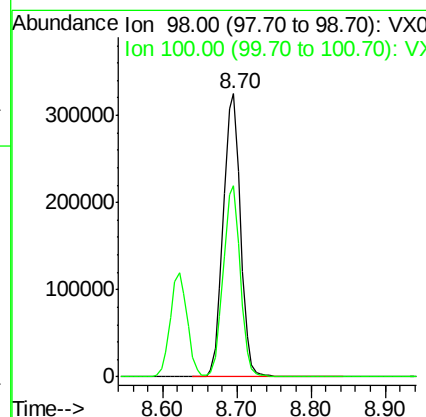
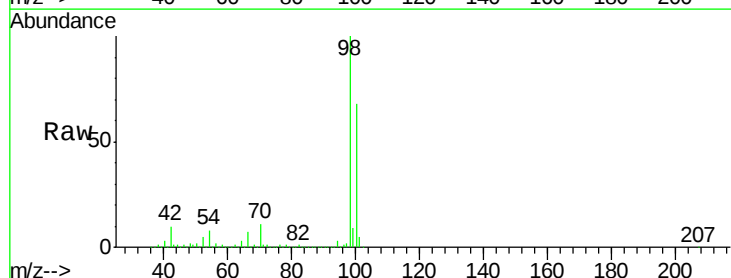
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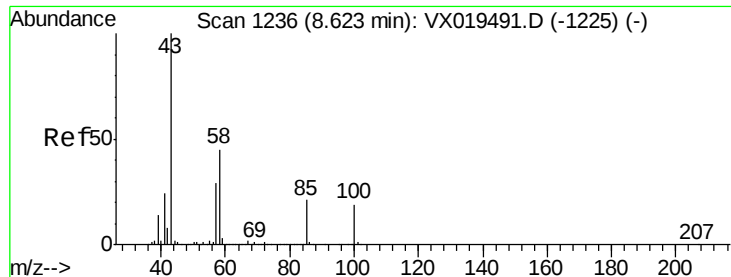
MMDadoda
11/25/2020 10:31:00 AM



#50
Toluene-d8
Concen: 46.767 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 255.066 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1001687

Ion Ratio Lower Upper

43 100

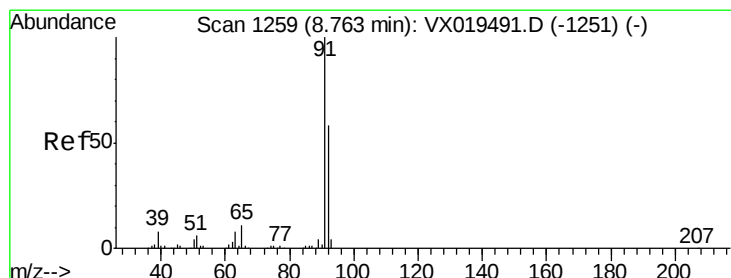
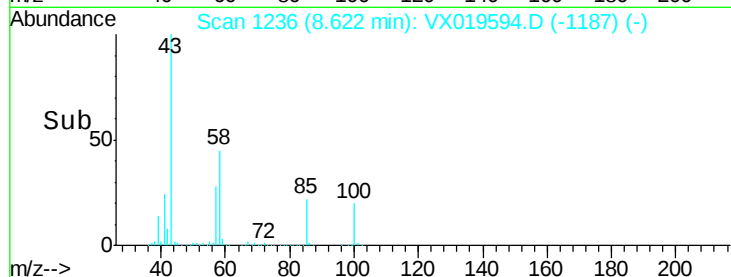
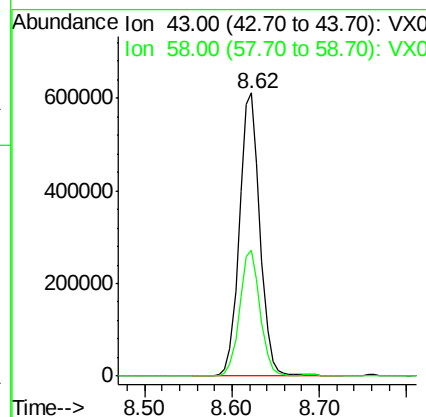
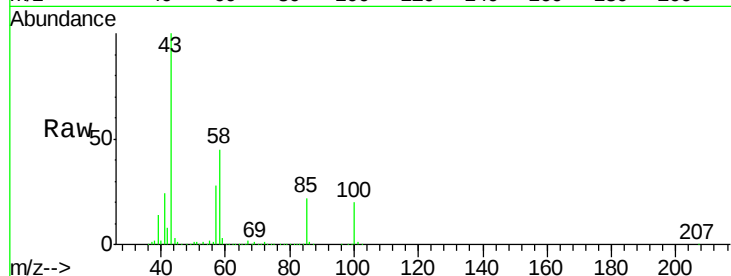
58 44.2 35.1 52.7

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#52

Toluene

Concen: 48.859 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019594.D

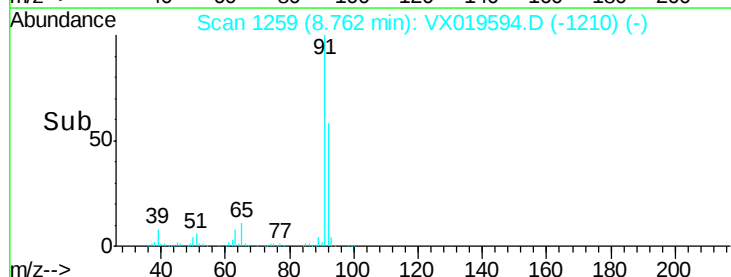
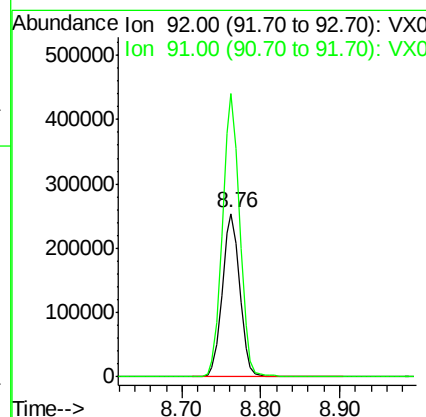
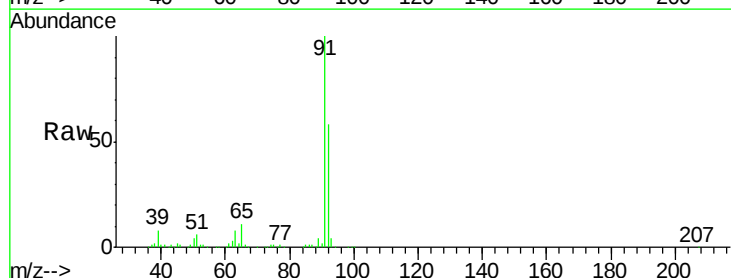
Acq: 24 Nov 2020 09:47

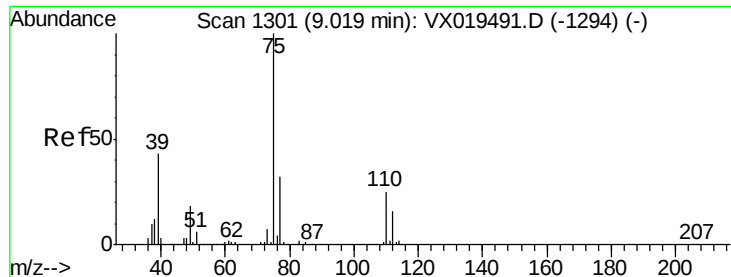
Tgt Ion: 92 Resp: 391913

Ion Ratio Lower Upper

92 100

91 171.4 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 53.816 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Tot Ion: 75 Resp: 249161

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

Instrument :

MSVOA_X

ClientSampleId :

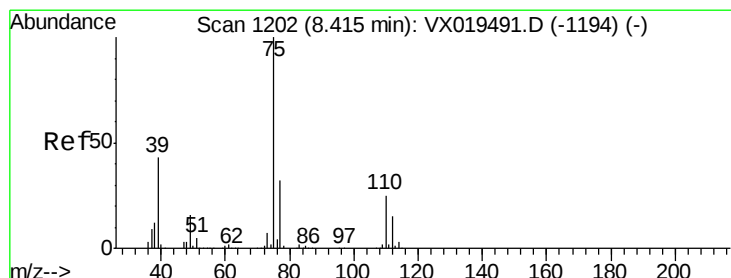
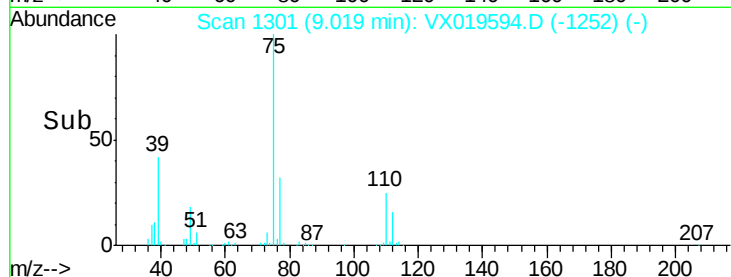
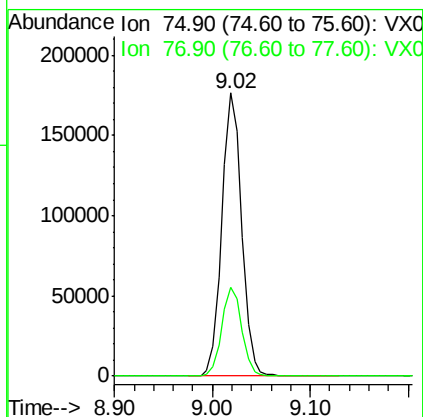
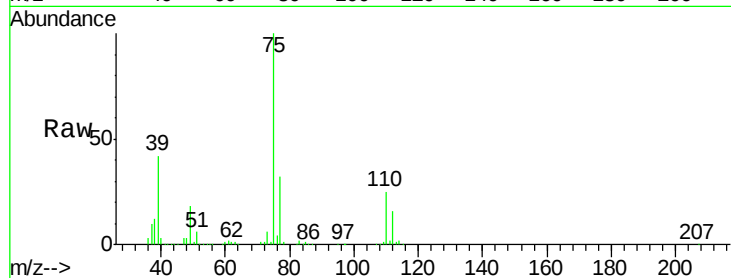
VSTDCCC050

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#54

cis-1,3-Dichloropropene

Concen: 52.616 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

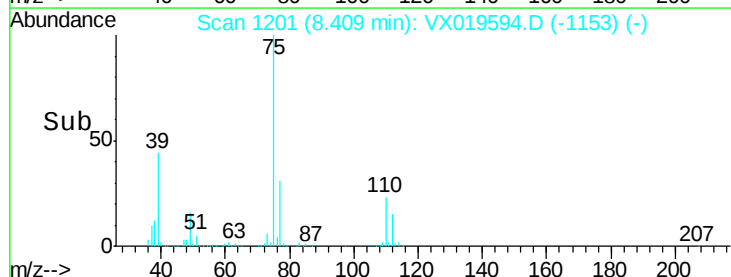
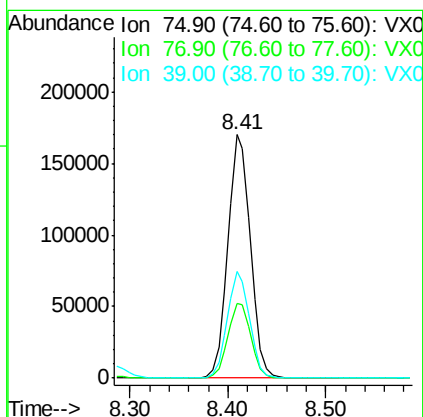
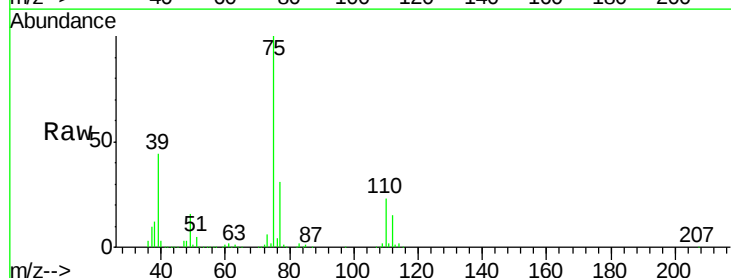
Tgt Ion: 75 Resp: 270342

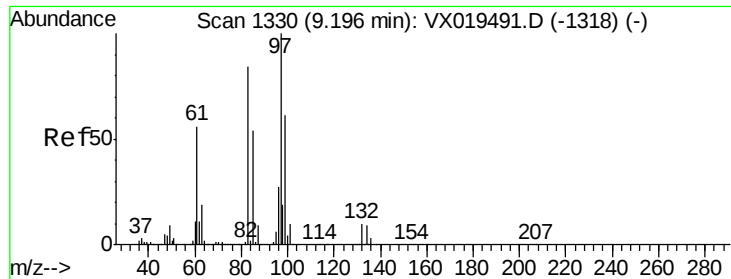
Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

39 43.7 34.6 51.8





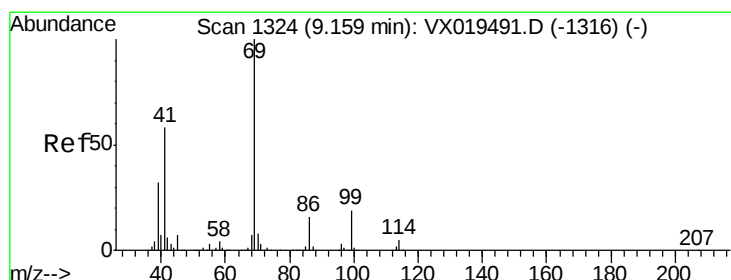
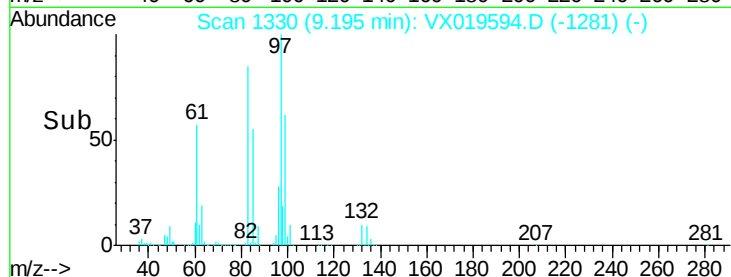
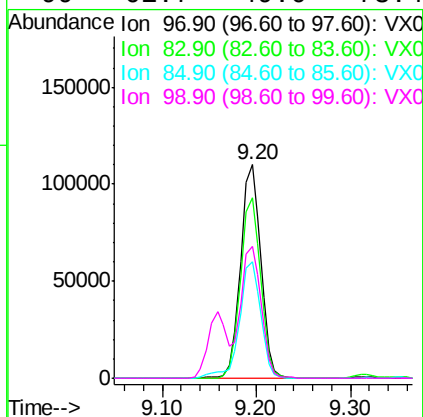
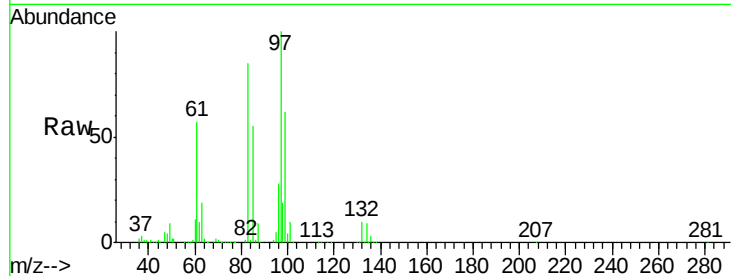
#55
 1,1,2-Trichloroethane
 Concen: 50.618 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		165358		
83	84.8	67.0	100.6		
85	54.8	43.4	65.0		
99	61.7	49.0	73.4		

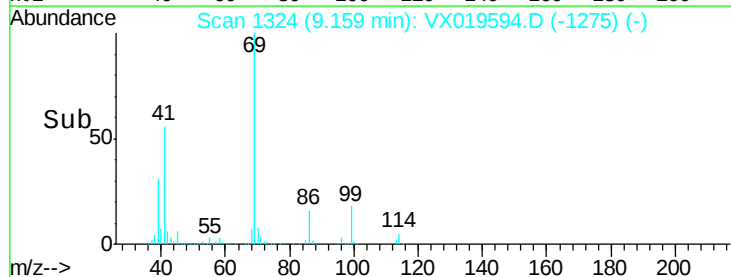
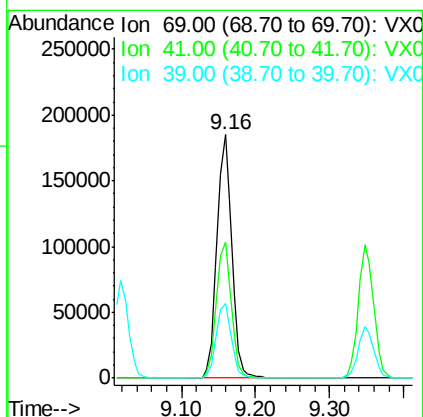
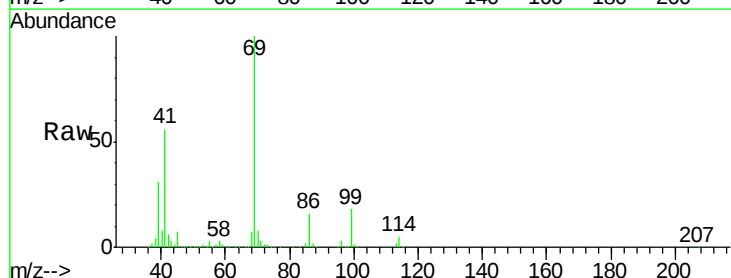
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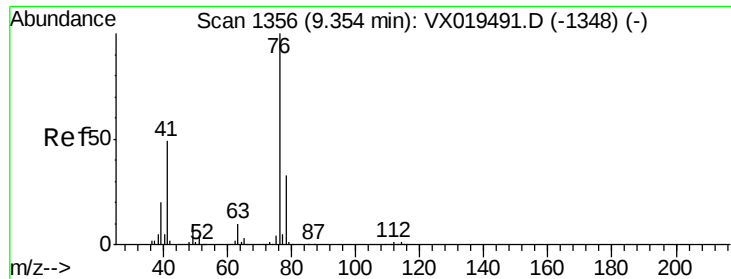
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#56
 Ethyl methacrylate
 Concen: 54.665 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		252690		
41	56.4	46.2	69.2		
39	31.4	25.5	38.3		





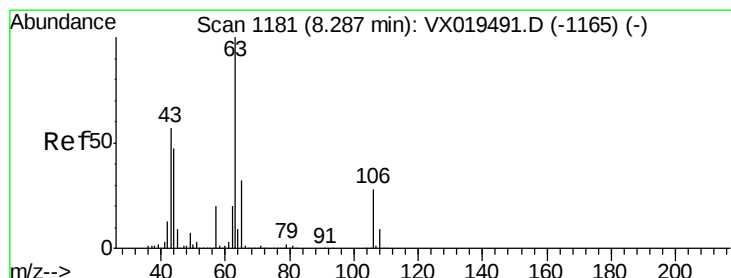
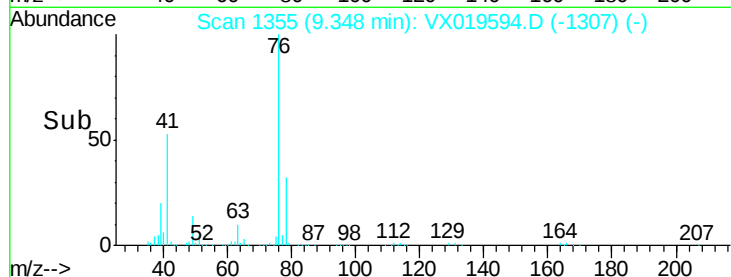
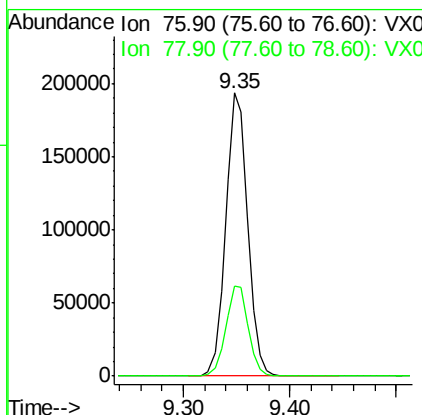
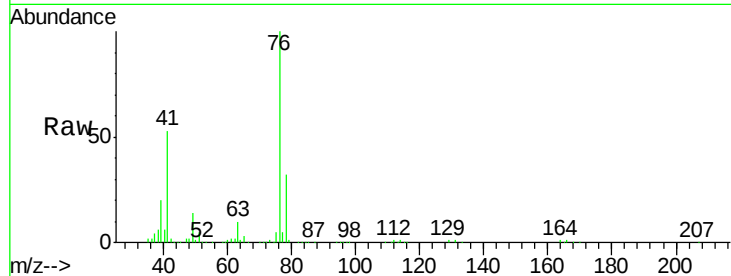
#57
 1,3-Dichloropropane
 Concen: 50.973 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

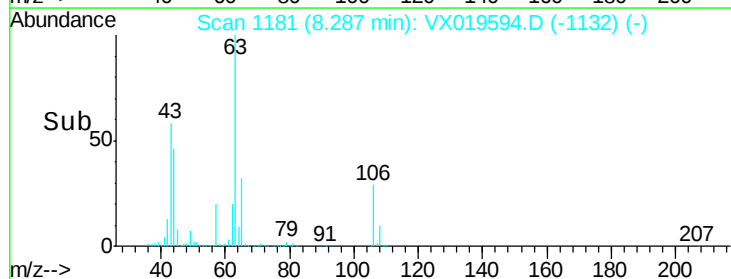
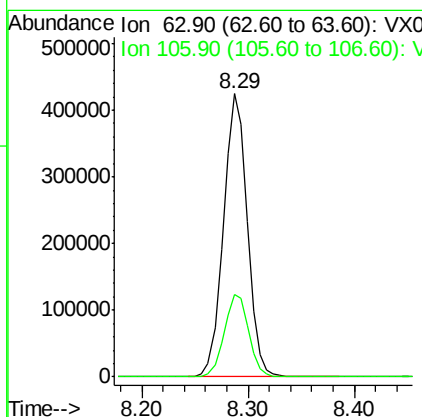
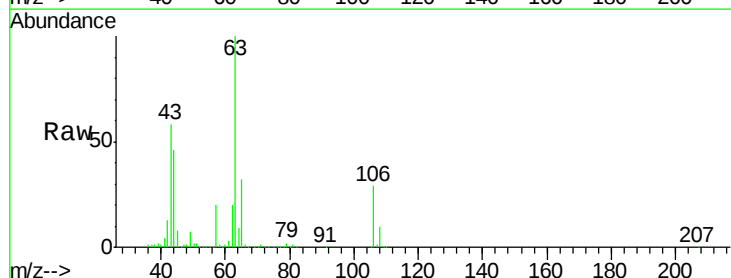
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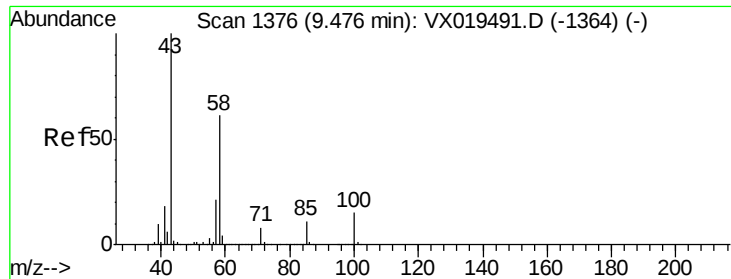
MMDadoda
 11/25/2020 10:31:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.684 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	23.7	35.5





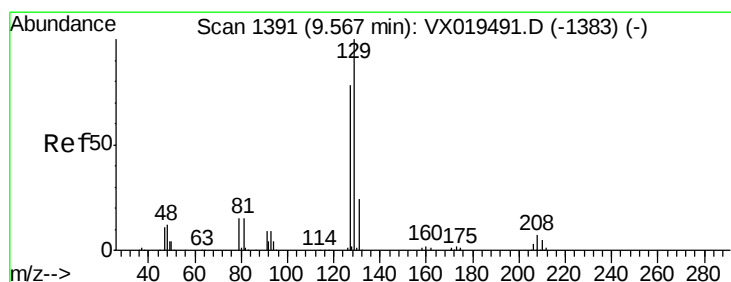
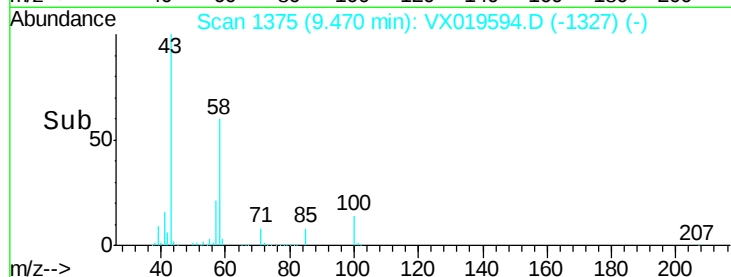
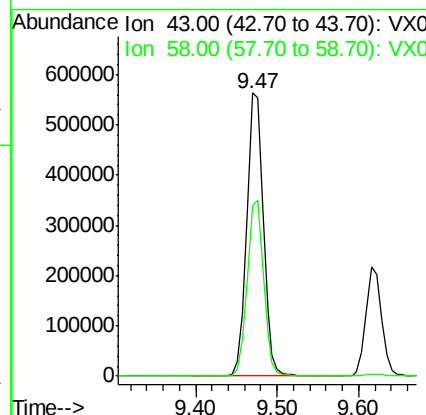
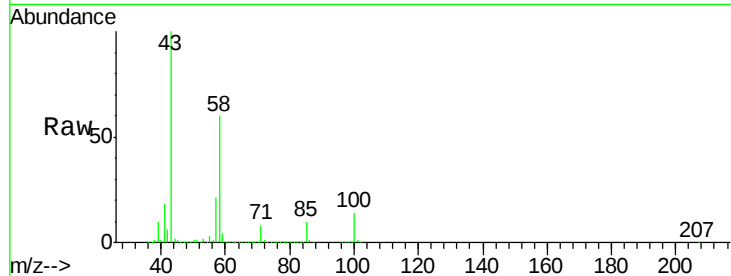
#59
2-Hexanone
Concen: 263.535 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.9	30.6	91.6

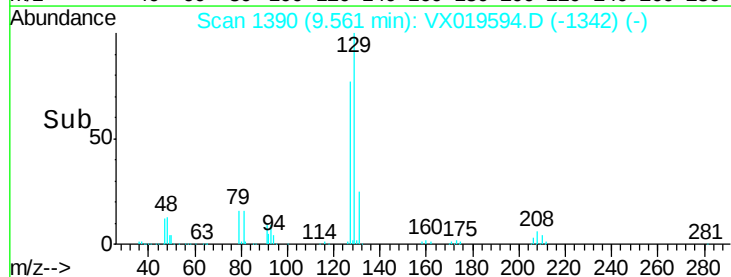
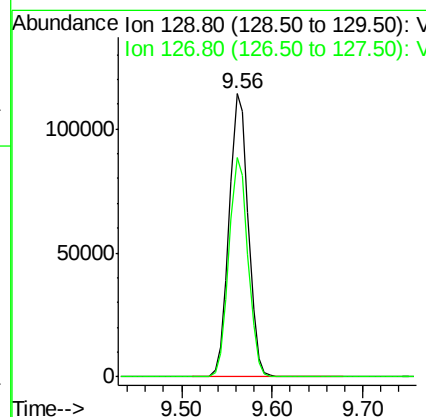
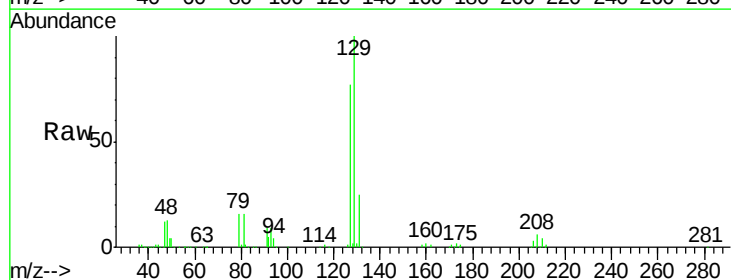
Manual Integrations
APPROVED

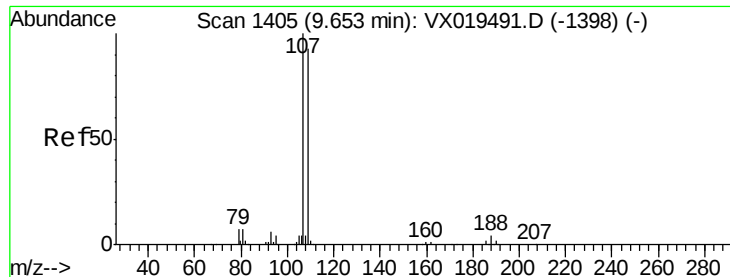
MMDadoda
11/25/2020 10:31:00 AM



#60
Dibromochloromethane
Concen: 52.434 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.0	116.9





#61

1,2-Dibromoethane

Concen: 51.514 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 173465

Ion Ratio Lower Upper

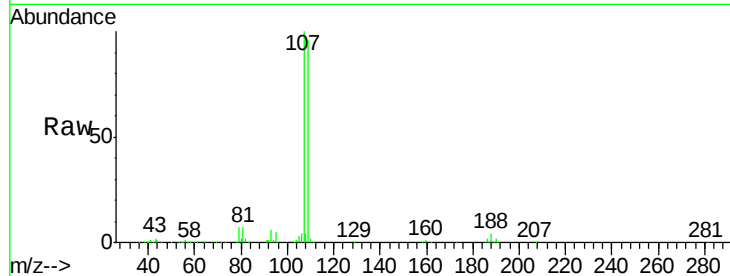
107 100

109 95.9 74.8 112.2

Manual Integrations
APPROVED

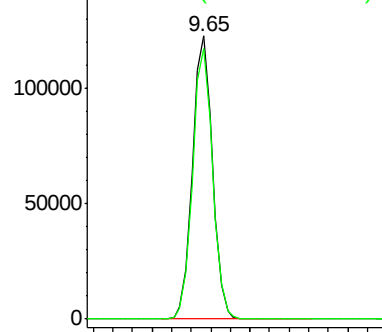
MMDadoda

11/25/2020 10:31:00 AM

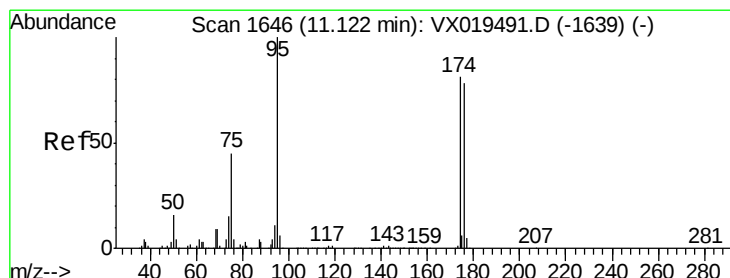
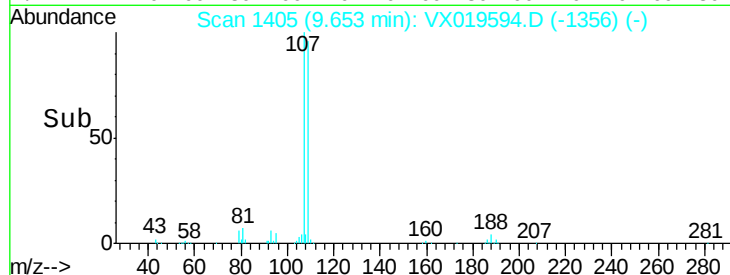


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 49.103 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

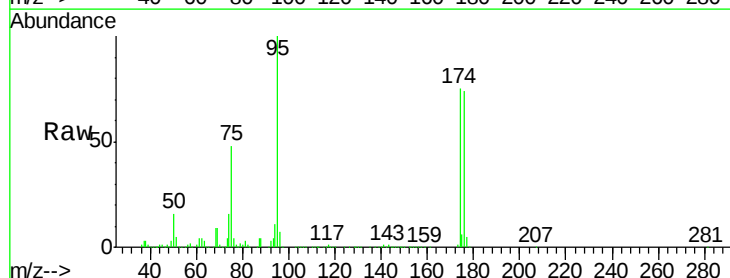
Tgt Ion: 95 Resp: 196156

Ion Ratio Lower Upper

95 100

174 75.5 0.0 156.2

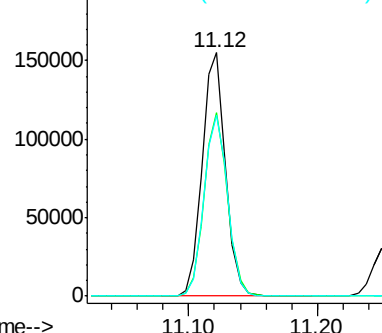
176 75.5 0.0 151.4



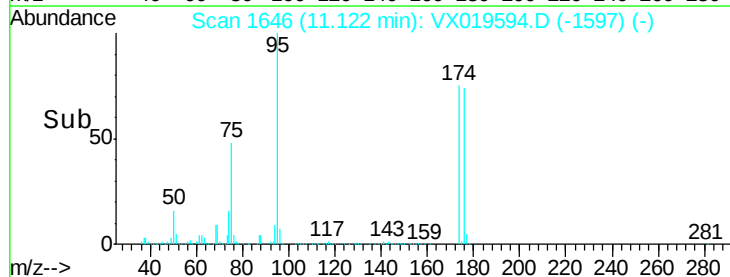
Abundance Ion 94.90 (94.60 to 95.60): VX0

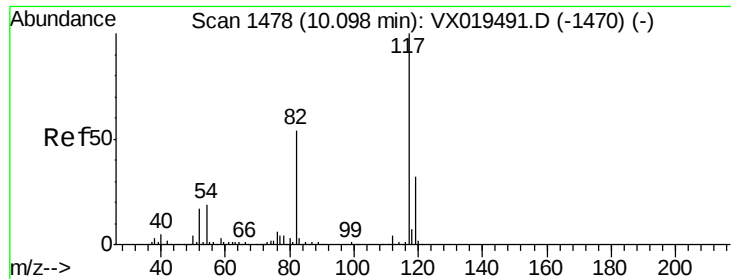
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





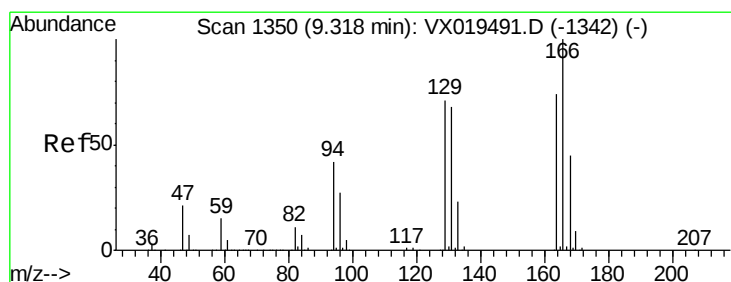
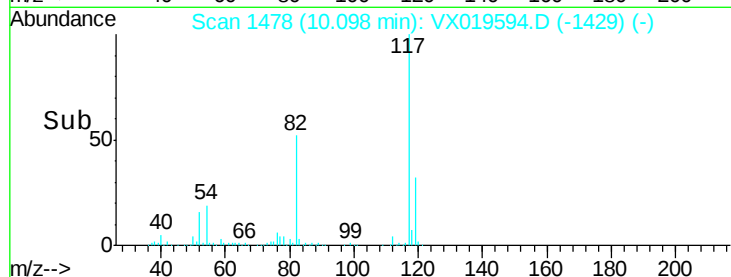
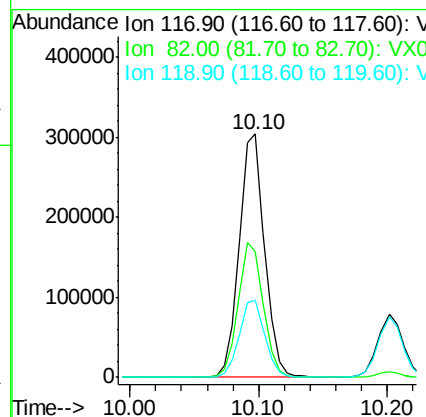
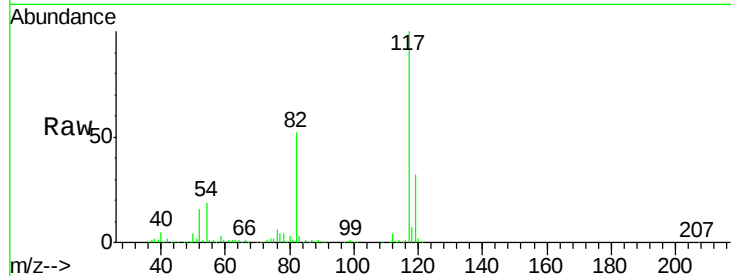
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.0	64.4
119	31.6	25.6	38.4

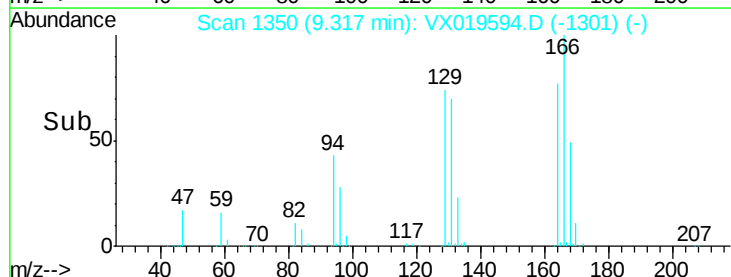
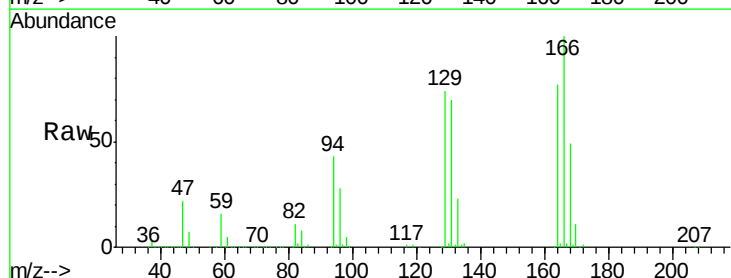
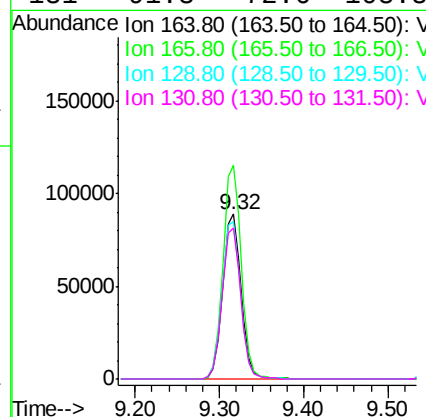
Manual Integrations
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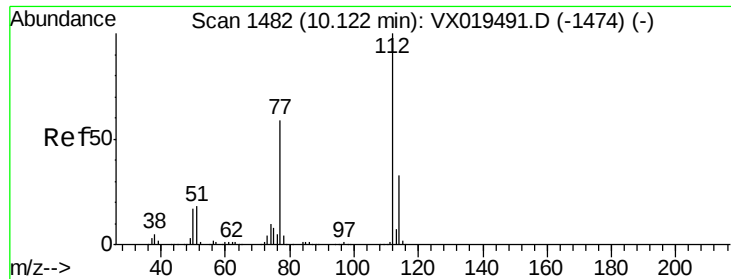
MMDadoda
11/25/2020 10:31:00 AM



#64
Tetrachloroethene
Concen: 41.012 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	107.4	161.0
129	95.9	76.6	114.8
131	91.3	72.6	108.8





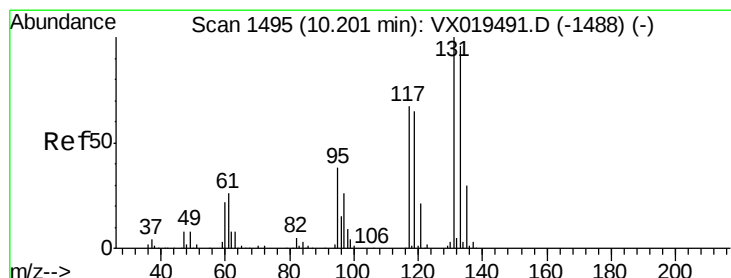
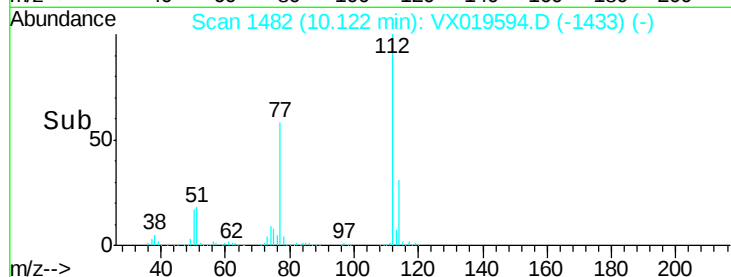
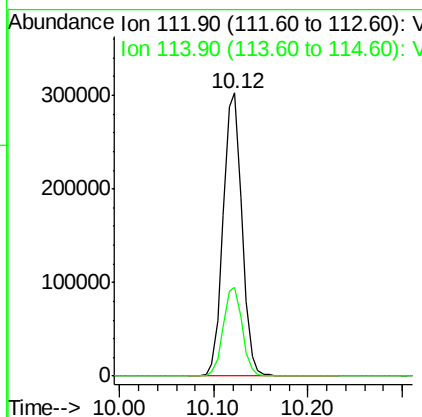
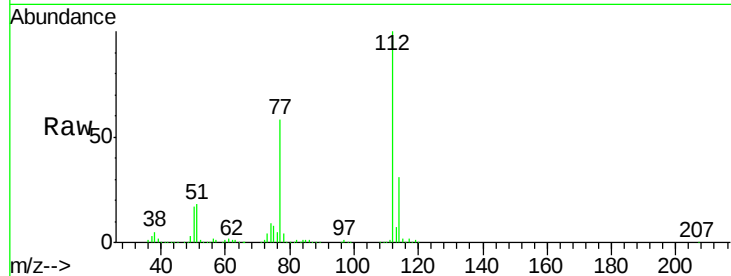
#65
Chlorobenzene
Concen: 48.682 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 417808
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0

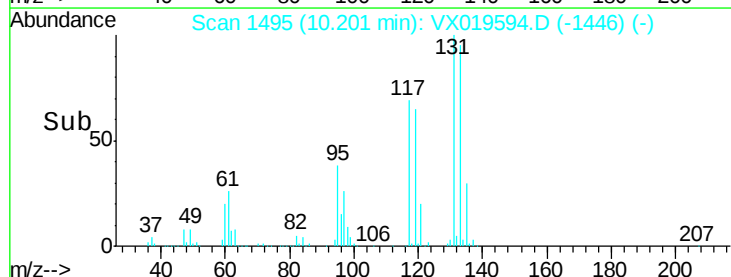
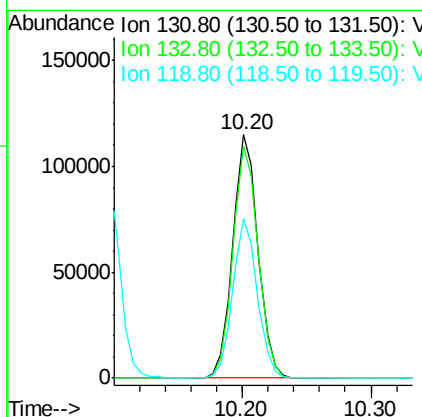
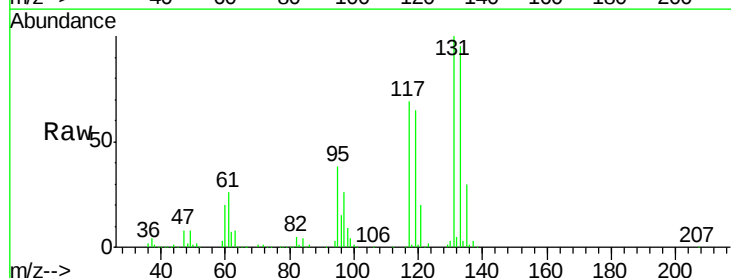
Manual Integrations
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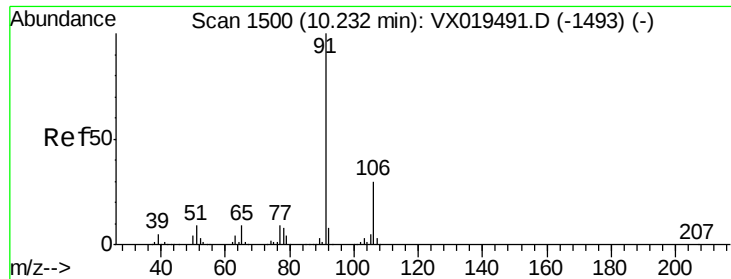
MMDadoda
11/25/2020 10:31:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.259 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion:131 Resp: 156898
Ion Ratio Lower Upper
131 100
133 95.8 48.5 145.5
119 64.0 33.0 99.0





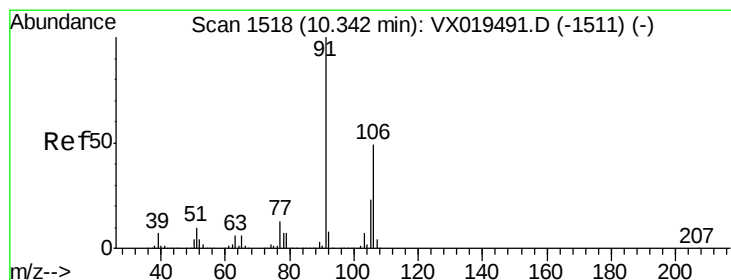
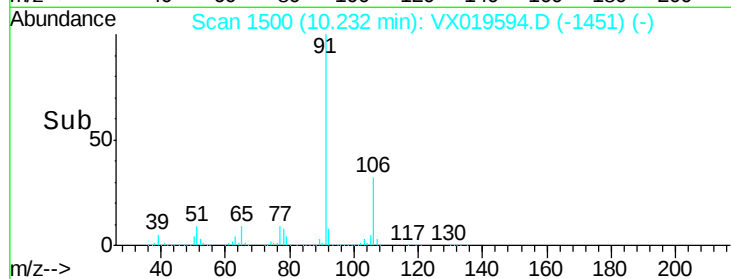
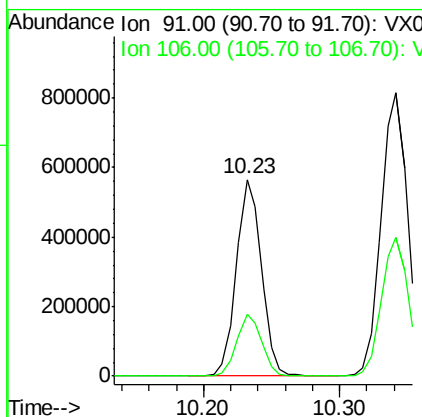
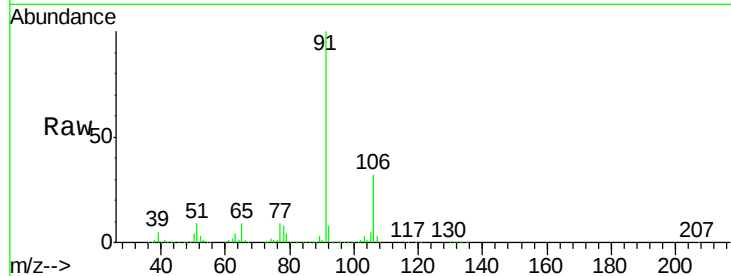
#67
Ethyl Benzene
Concen: 48.458 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 728569
Ion Ratio Lower Upper
91 100
106 31.7 24.0 36.0

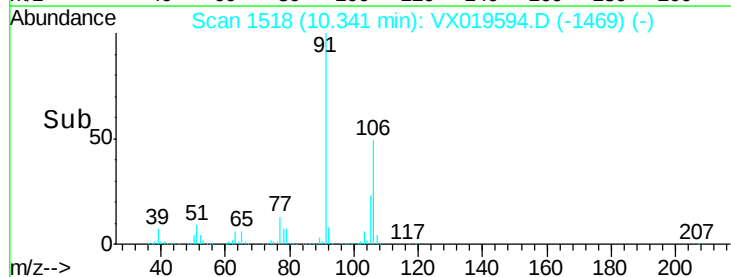
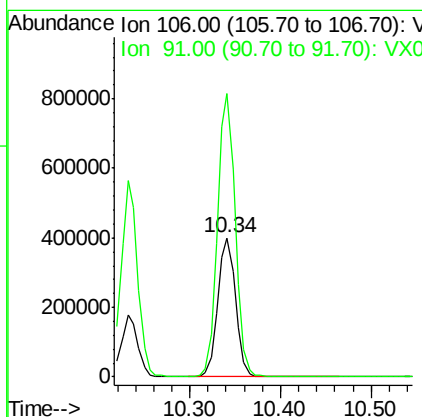
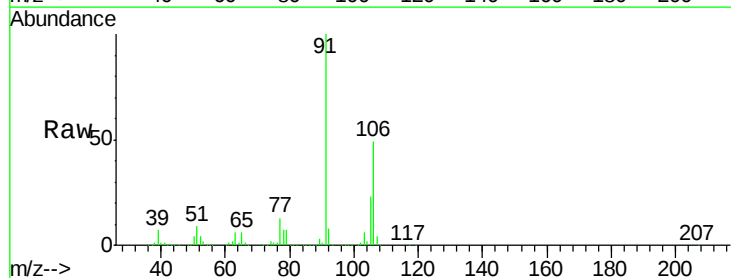
Manual Integrations
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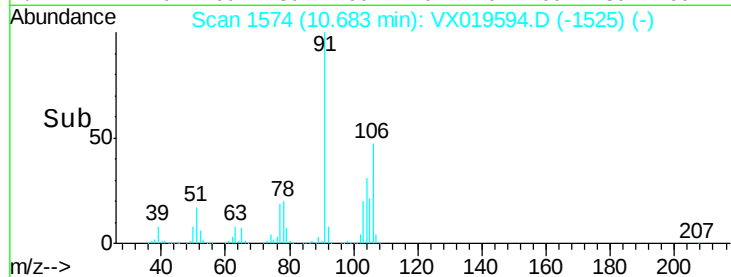
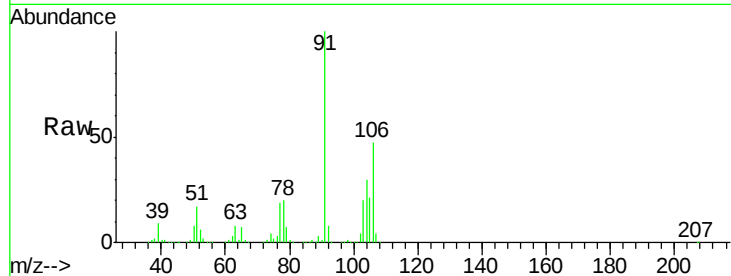
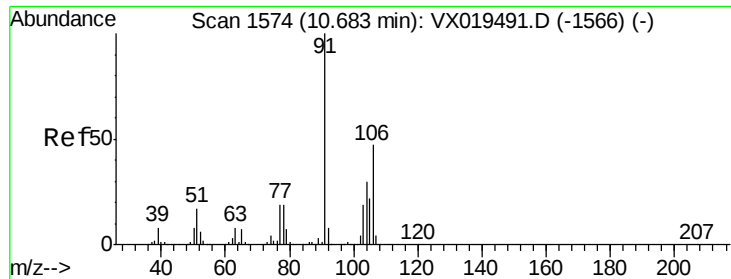
MMDadoda
11/25/2020 10:31:00 AM



#68
m/p-Xylenes
Concen: 98.181 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion: 106 Resp: 549960
Ion Ratio Lower Upper
106 100
91 203.1 163.3 244.9





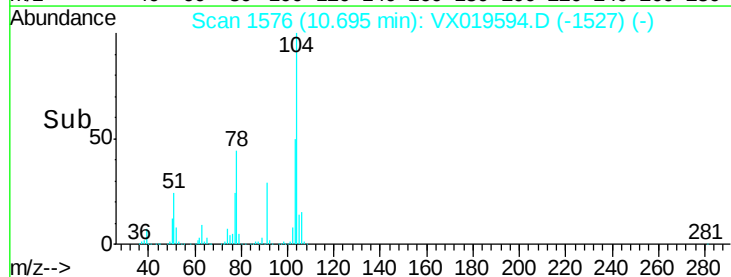
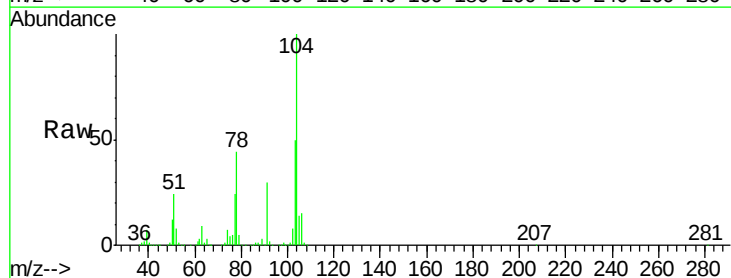
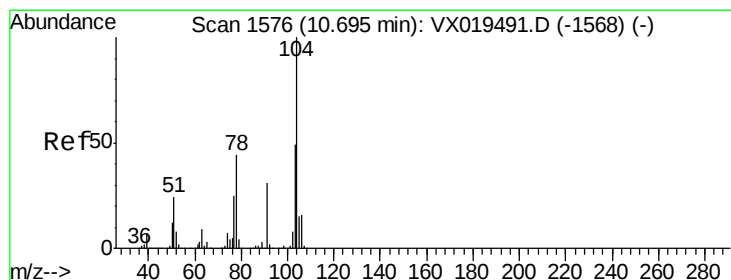
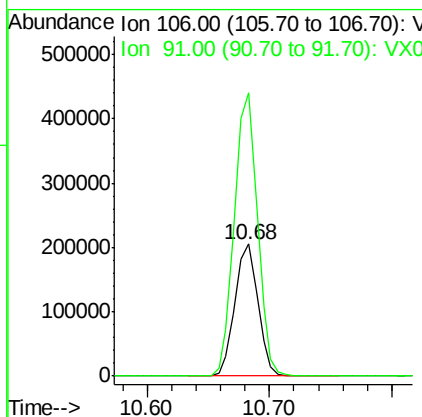
#69
o-Xylene
Concen: 49.849 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tot Ion:106 Resp: 266921
Ion Ratio Lower Upper
106 100
91 215.6 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

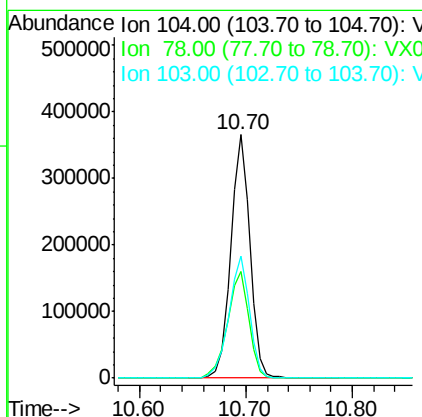
Manual Integrations
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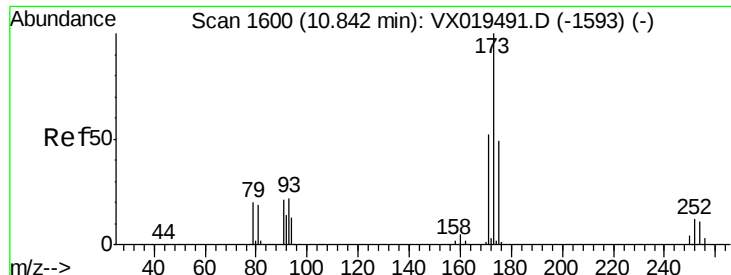
MMDadoda
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#70
Styrene
Concen: 46.719 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion:104 Resp: 461960
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 54.4 43.6 65.4





#71

Bromoform

Concen: 45.059 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 118142

Ion Ratio Lower Upper

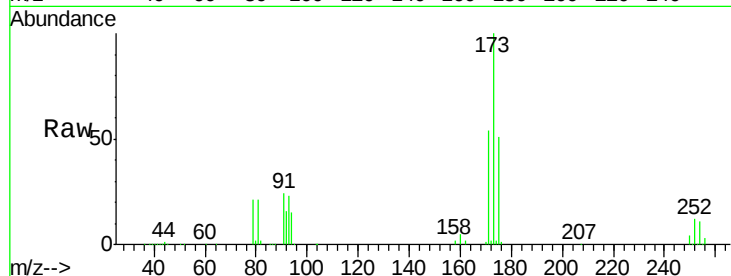
173 100

175 50.5 24.9 74.8

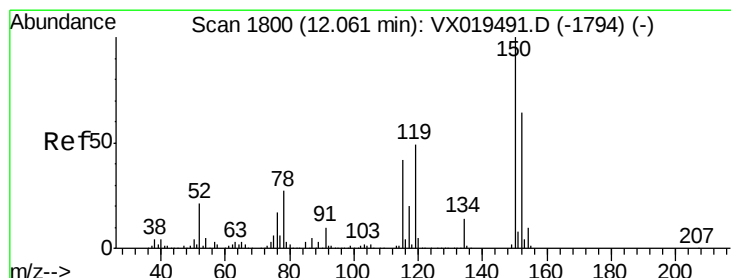
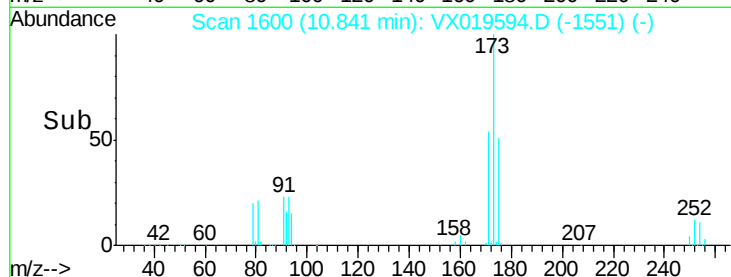
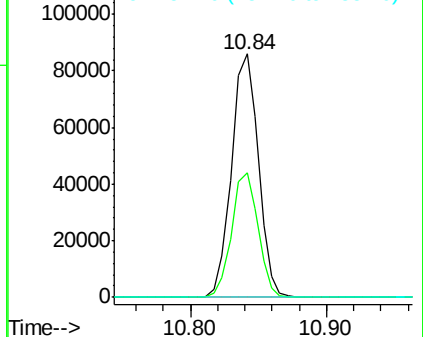
254 0.2 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

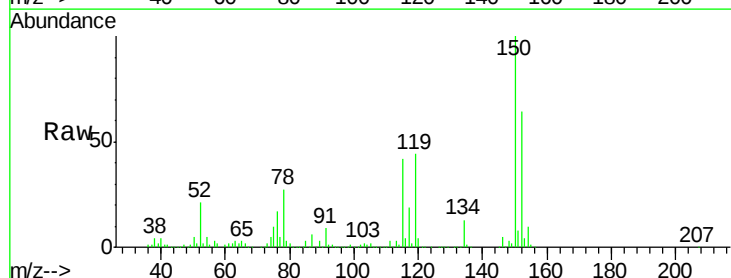
Tgt Ion:152 Resp: 203004

Ion Ratio Lower Upper

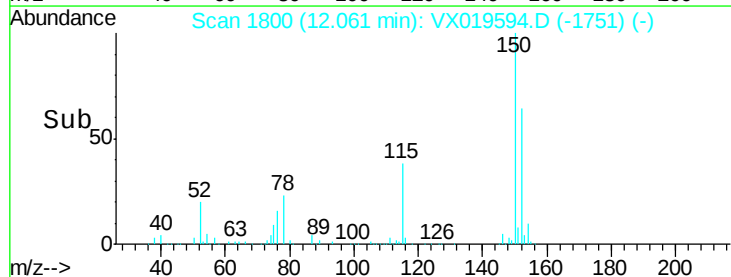
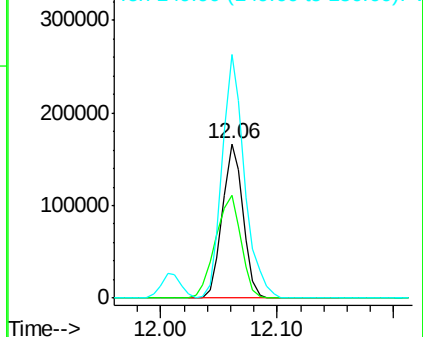
152 100

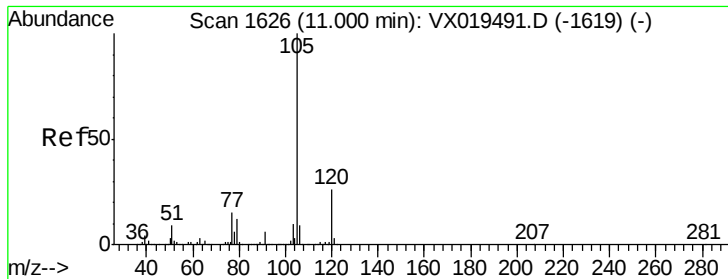
115 82.2 41.8 125.4

150 171.2 0.0 348.2



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





#73

Isopropylbenzene

Concen: 49.483 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 694903

Ion Ratio Lower Upper

105 100

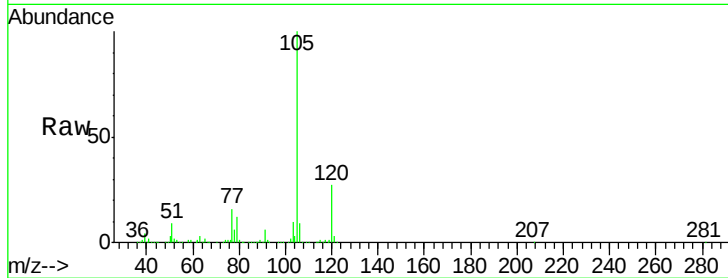
120 26.4 13.0 39.0

Manual Integrations

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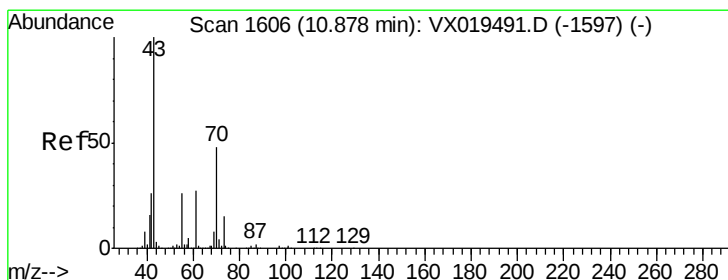
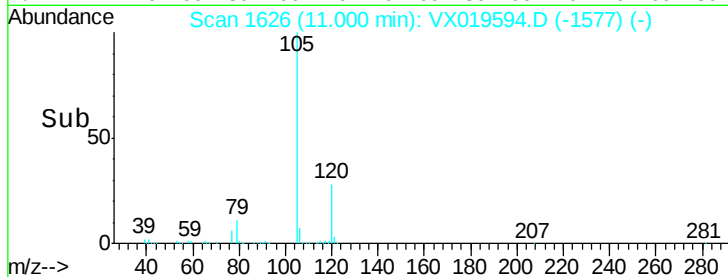
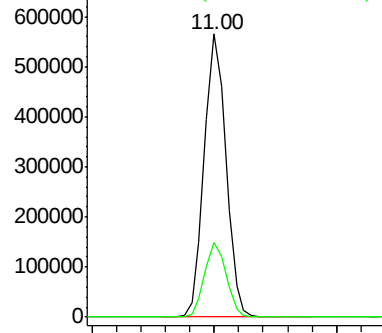
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.597 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Tgt Ion: 43 Resp: 287307

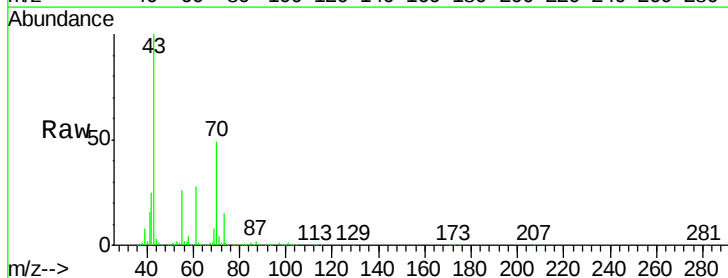
Ion Ratio Lower Upper

43 100

70 49.9 39.7 59.5

55 26.7 21.8 32.6

61 28.0 22.2 33.4

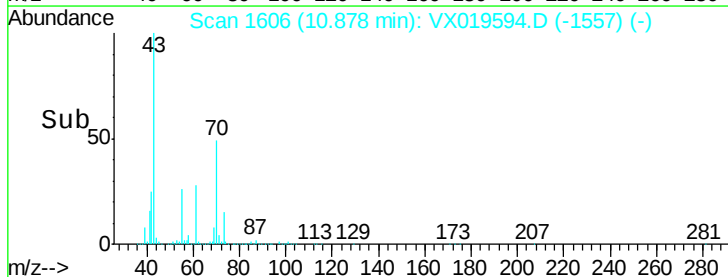
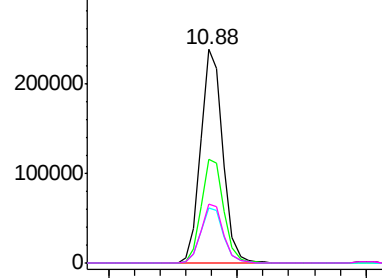


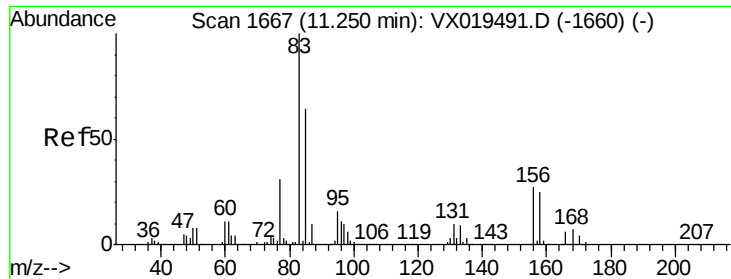
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.658 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

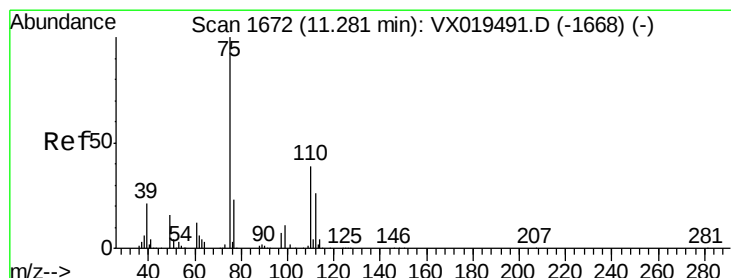
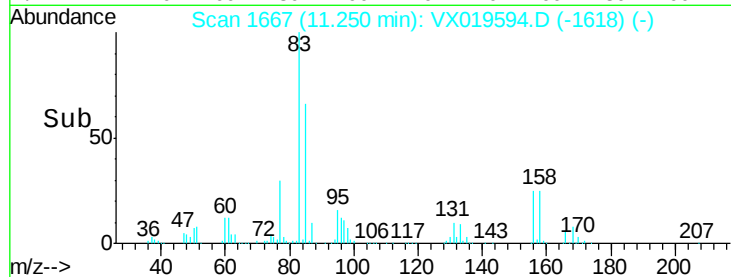
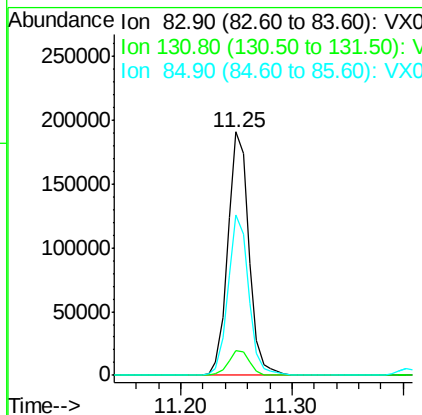
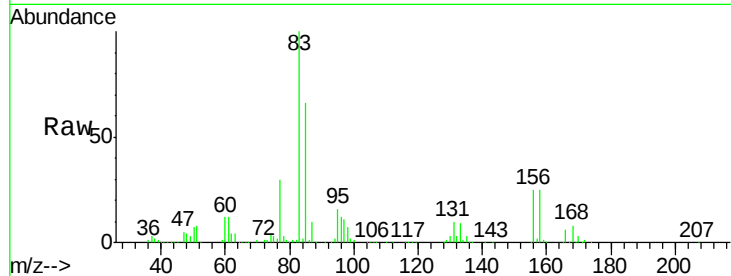
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	249382
Ion Ratio	100	Lower	Upper
83	100		
131	10.3	5.0	15.0
85	64.4	32.4	97.2

Manual Integrations
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11/25/2020 10:31:00 AM



#76

1,2,3-Trichloropropane

Concen: 50.944 ug/l m

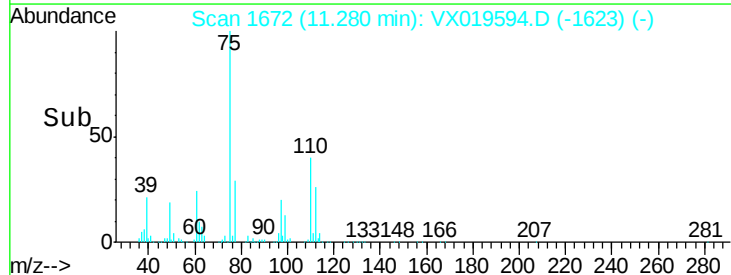
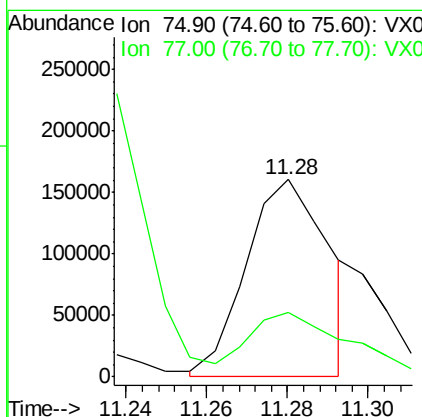
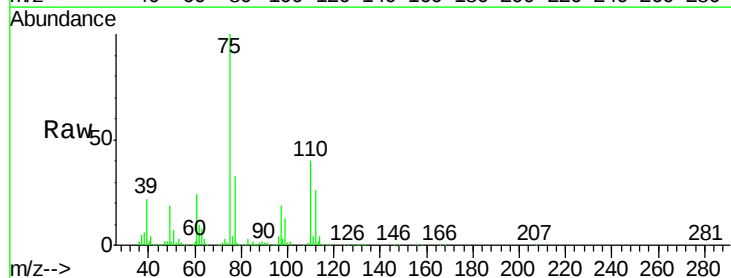
RT: 11.28 min Scan# 1672

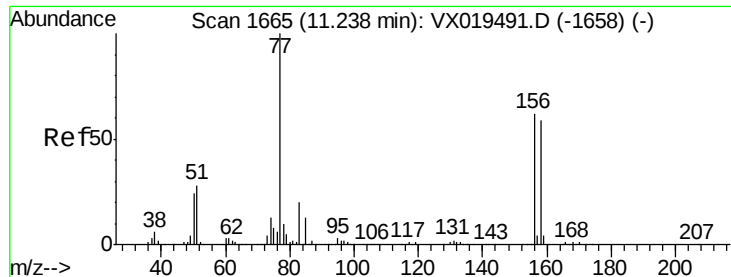
Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Tgt Ion	75	Resp	225693
Ion Ratio	100	Lower	Upper
75	100		
77	40.0	20.0	60.0





#77

Bromobenzene

Concen: 50.501 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

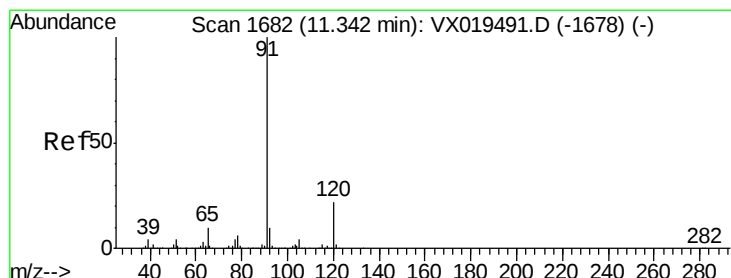
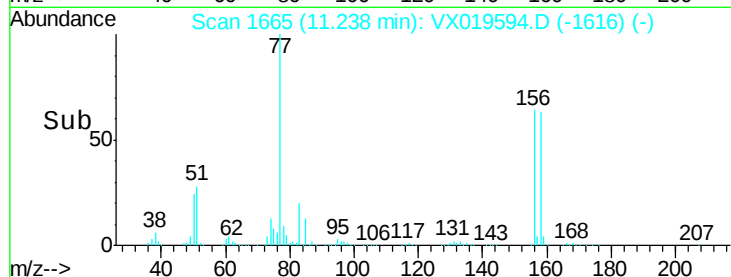
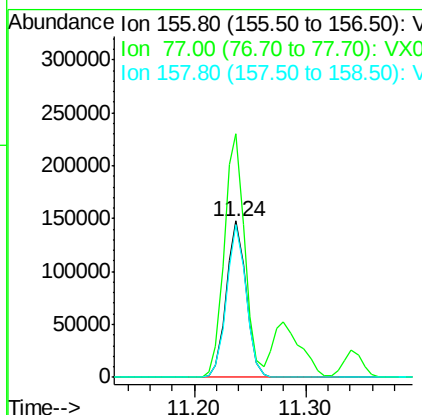
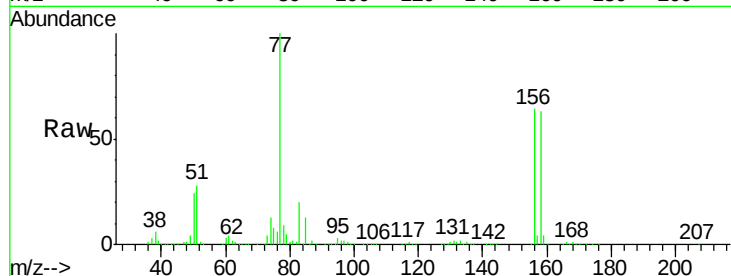
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	181049
Ion Ratio	Lower	Upper	
156	100		
77	161.8	82.5	247.3
158	96.9	48.9	146.7

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#78

n-propylbenzene

Concen: 48.547 ug/l

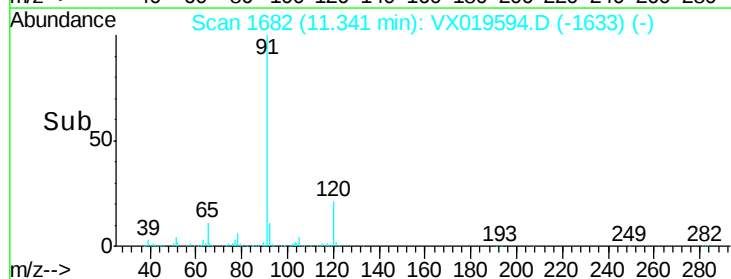
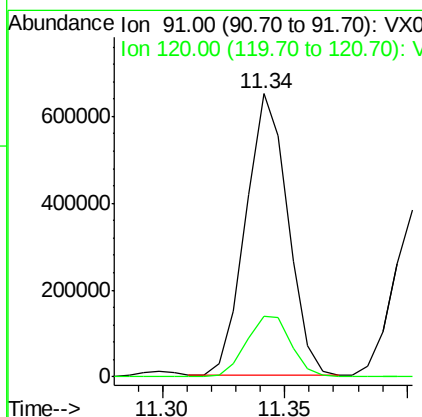
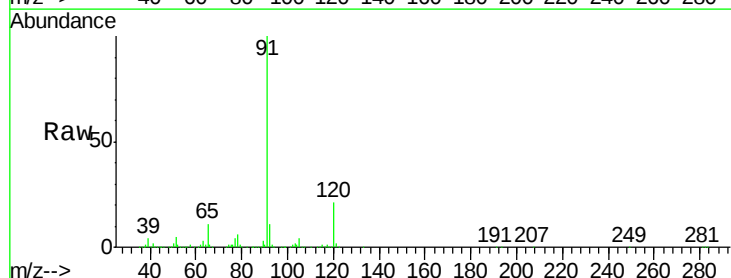
RT: 11.34 min Scan# 1682

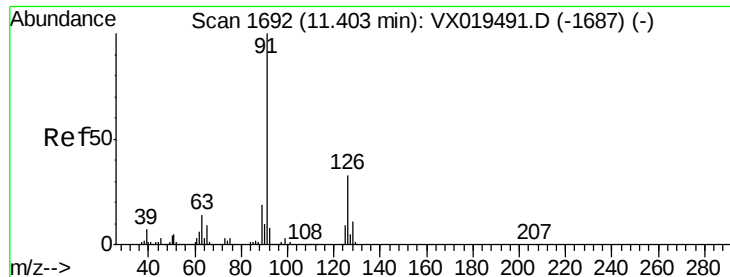
Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Tgt Ion:	91	Resp:	782120
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





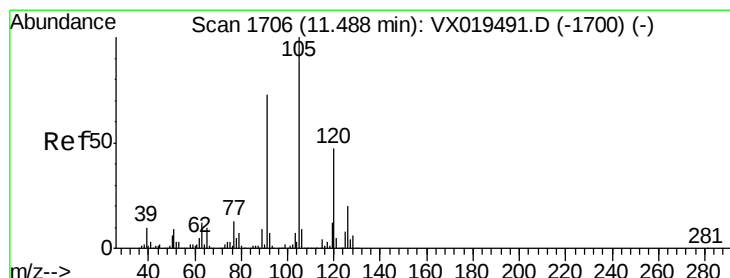
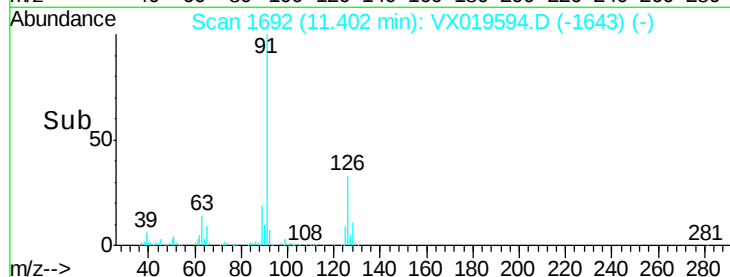
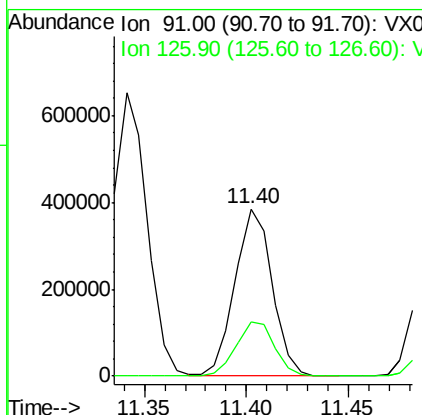
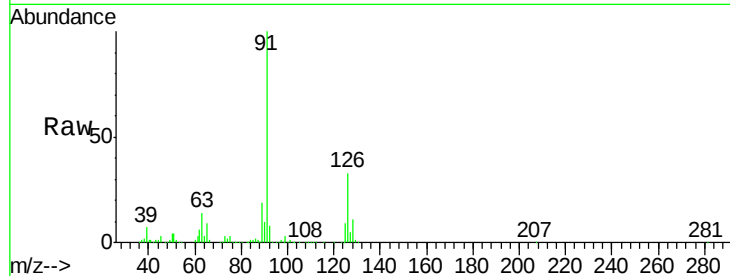
#79
 2-Chlorotoluene
 Concen: 49.696 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 485547
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.7 50.0

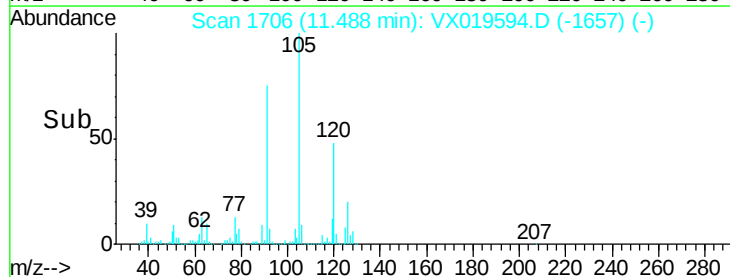
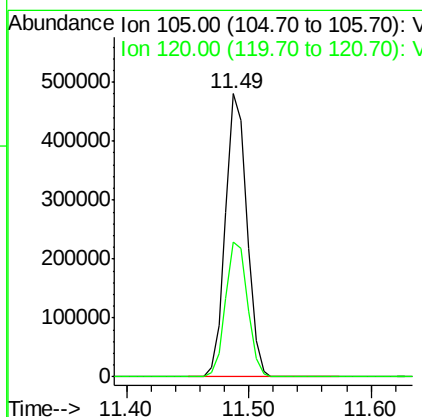
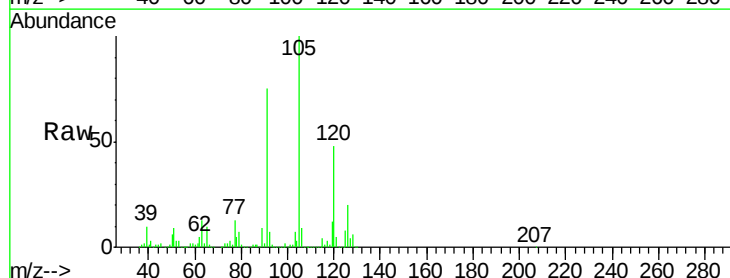
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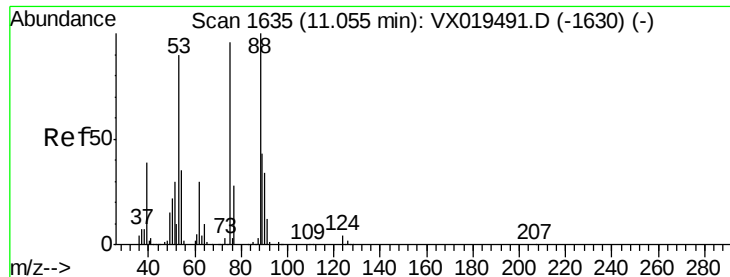
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.396 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion: 105 Resp: 581915
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.3





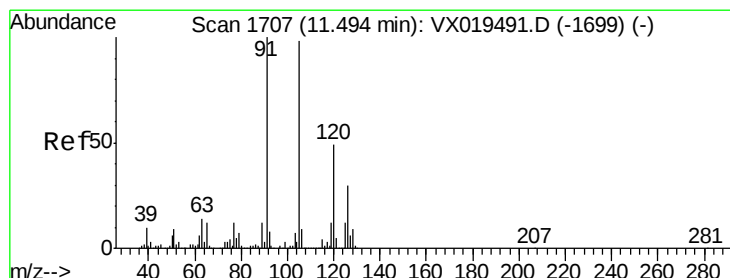
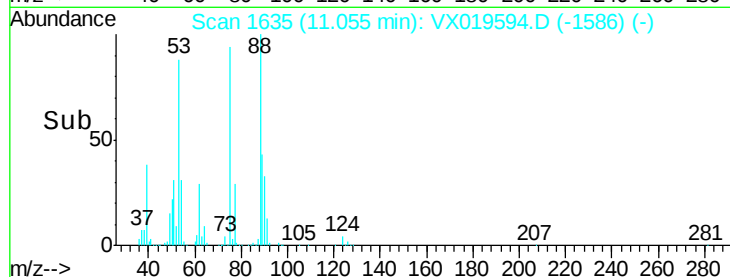
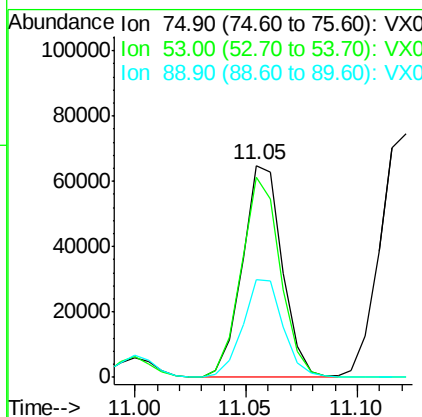
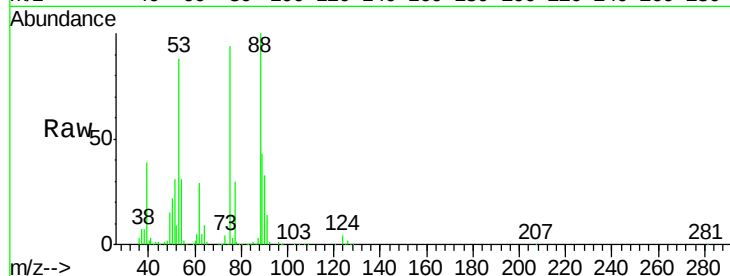
#81
trans-1,4-Dichloro-2-butene
Concen: 49.370 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.4	73.9	110.9
89	47.0	37.3	55.9

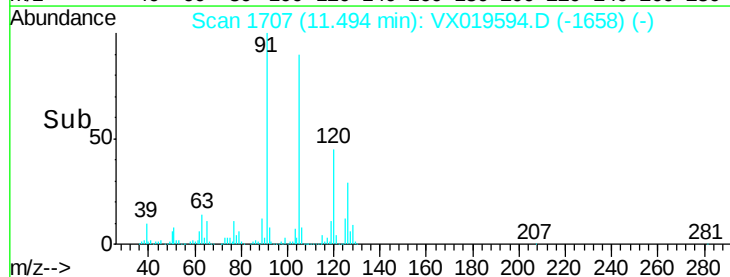
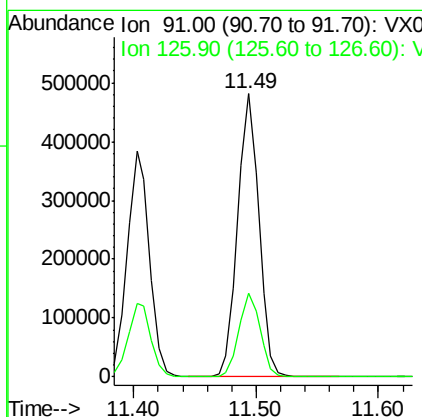
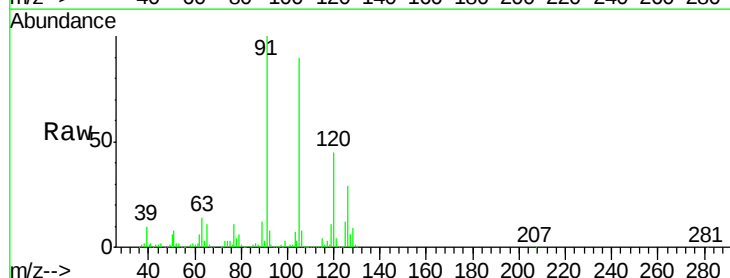
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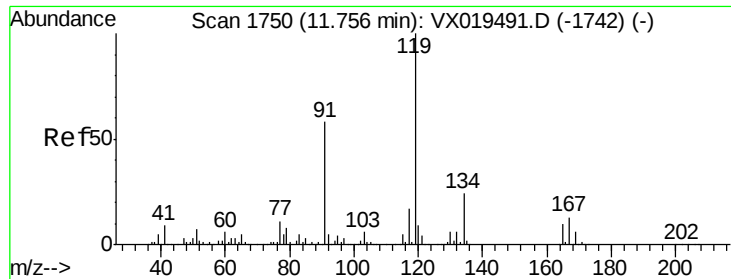
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#82
4-Chlorotoluene
Concen: 49.887 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.9	44.7





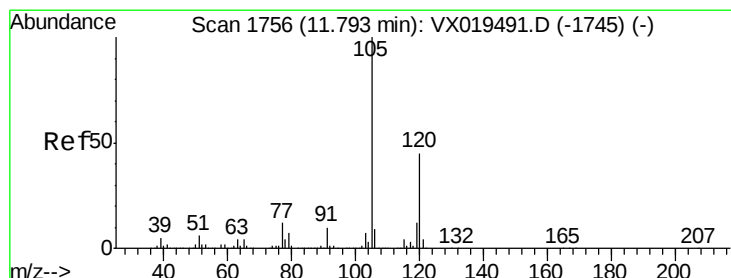
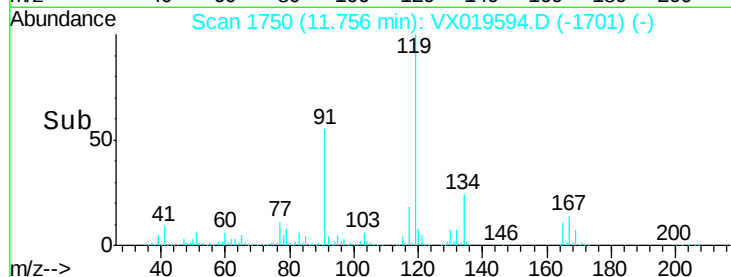
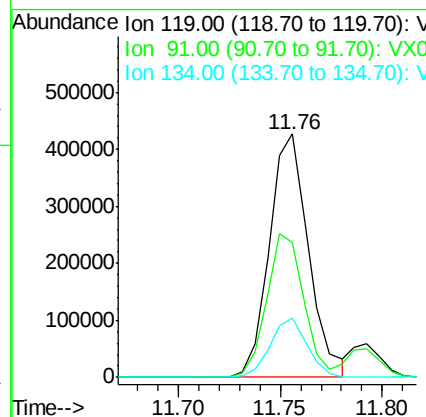
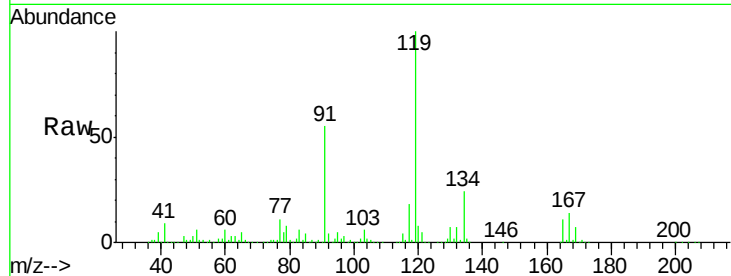
#83
tert-Butylbenzene
Concen: 50.112 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.8	28.9	86.8
134	23.1	11.7	35.0

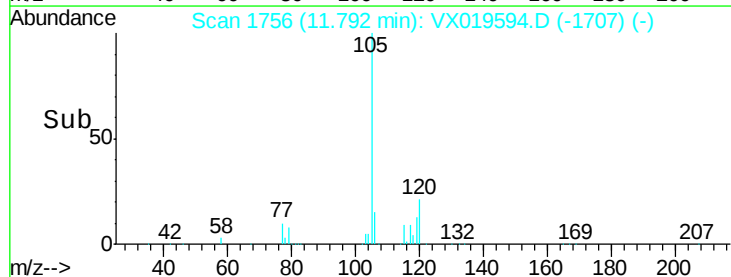
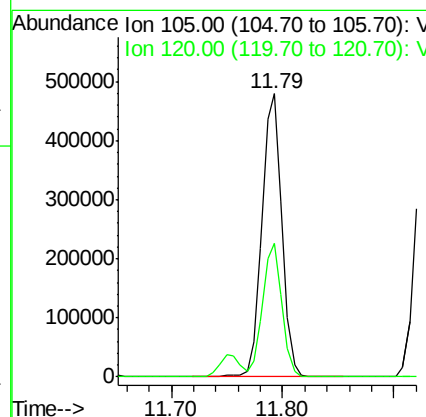
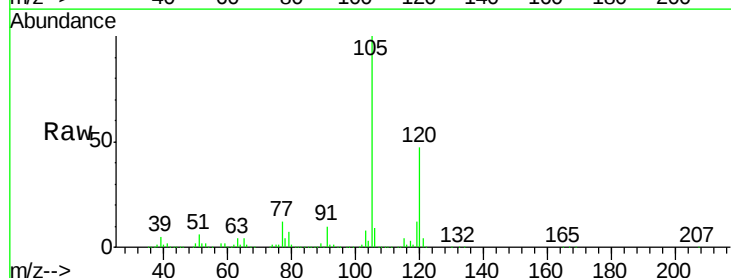
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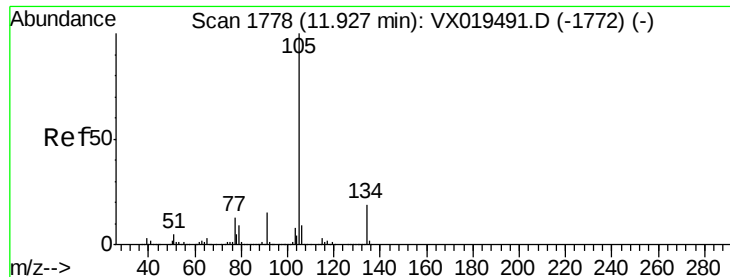
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#84
1,2,4-Trimethylbenzene
Concen: 50.220 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.2	66.6





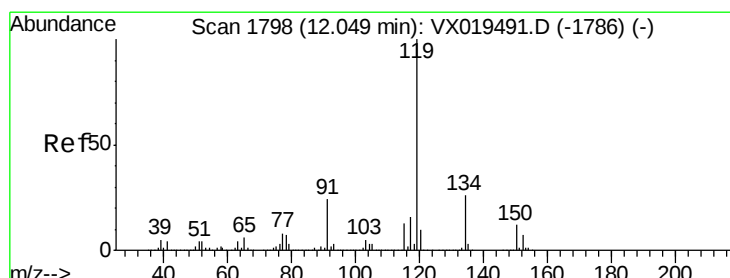
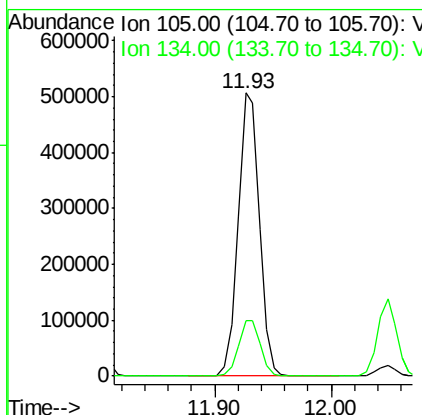
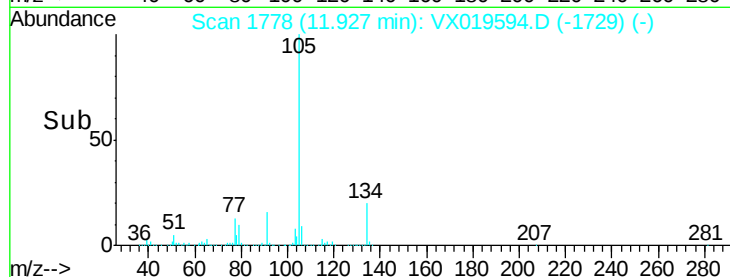
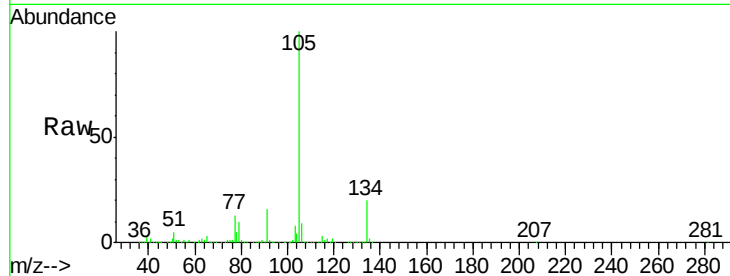
#85
 sec-Butylbenzene
 Concen: 47.392 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3

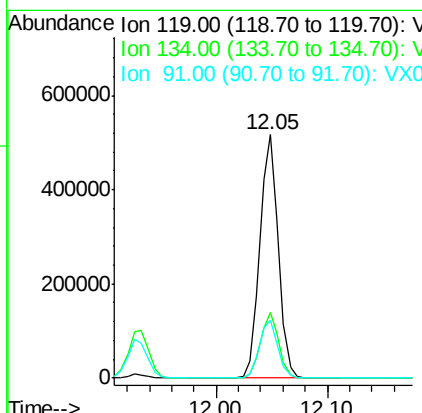
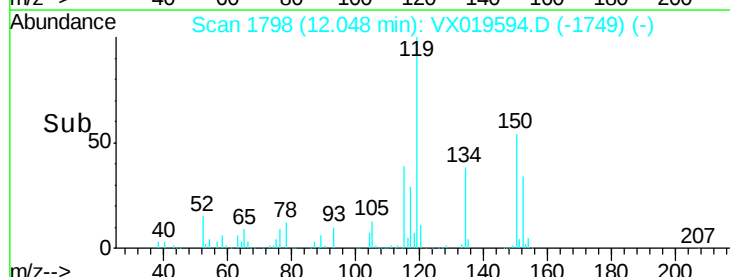
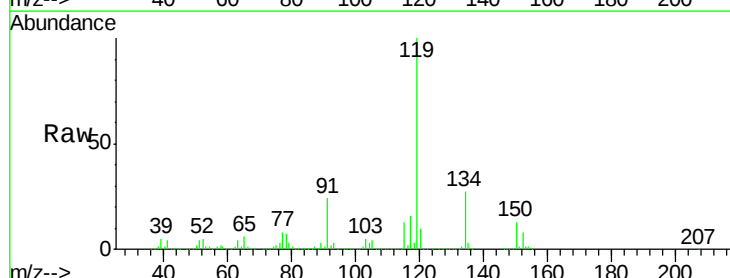
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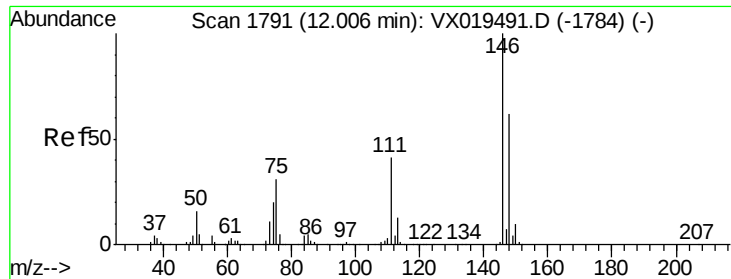
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#86
 p-Isopropyltoluene
 Concen: 48.562 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.1	39.3
91	23.9	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 49.123 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

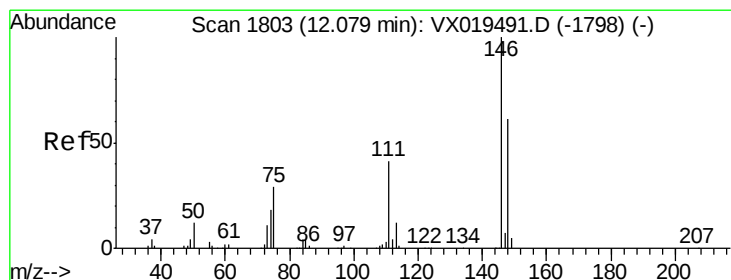
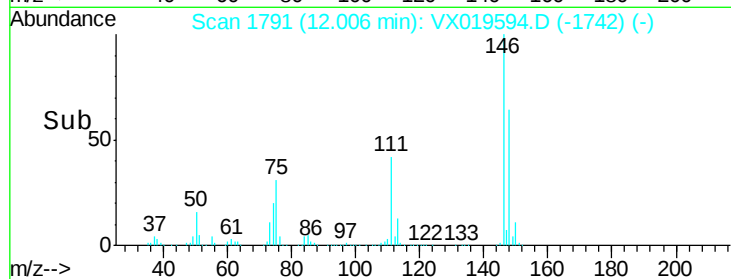
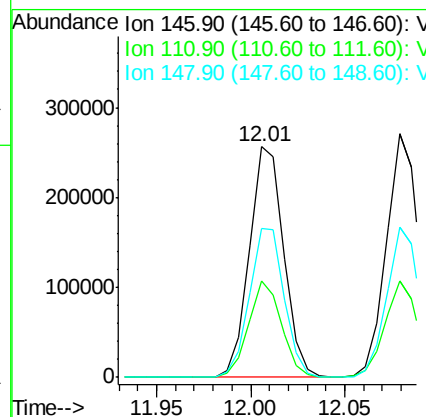
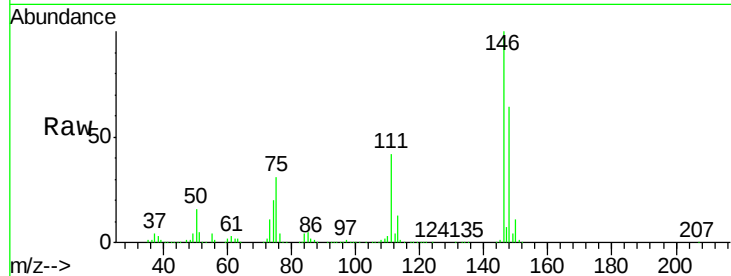
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	323422
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.2	60.6
148	65.6	31.4	94.2

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#88

1,4-Dichlorobenzene

Concen: 48.324 ug/l

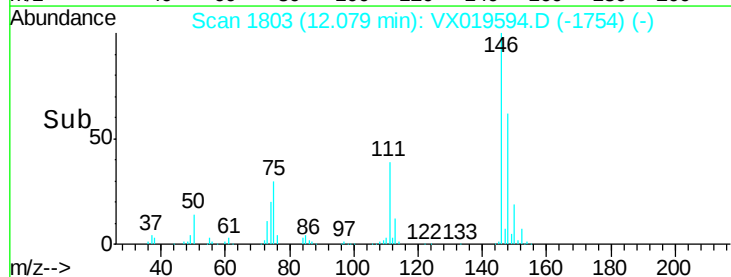
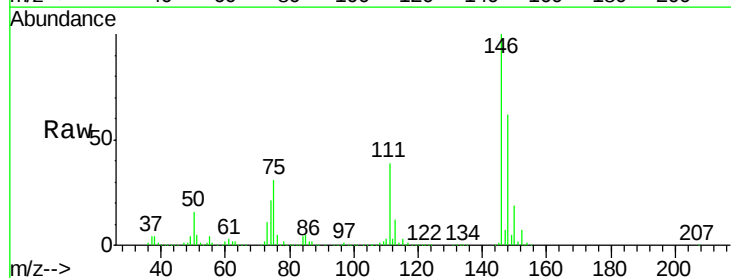
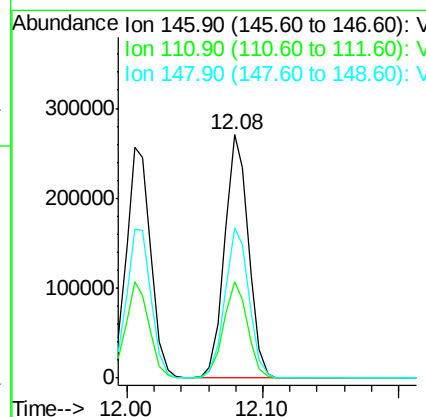
RT: 12.08 min Scan# 1803

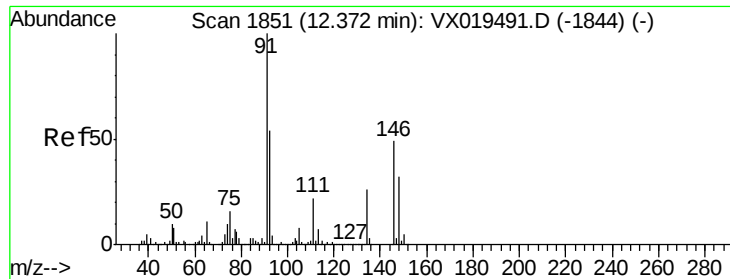
Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Tgt Ion:	146	Resp:	327724
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.9	59.6
148	62.1	31.7	95.1





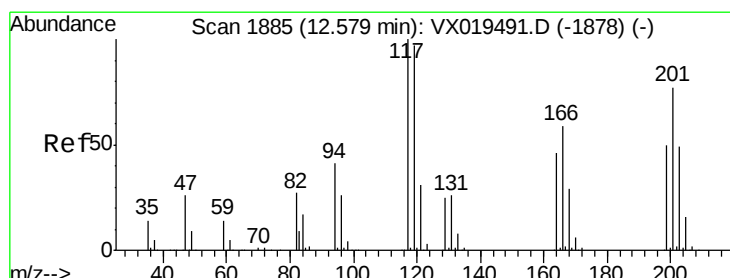
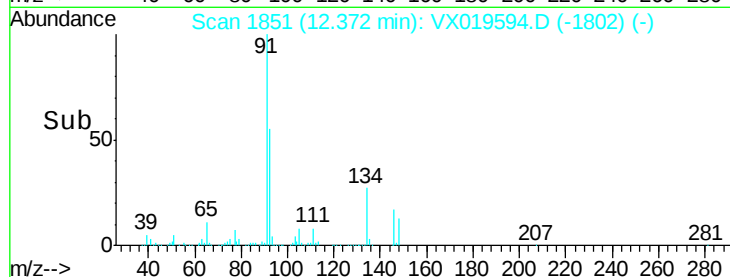
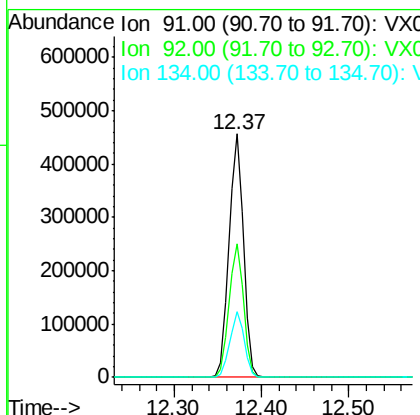
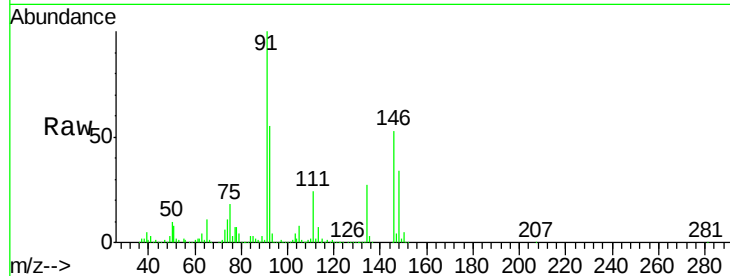
#89
n-Butylbenzene
Concen: 46.954 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	26.9	80.6
134	26.8	12.9	38.6

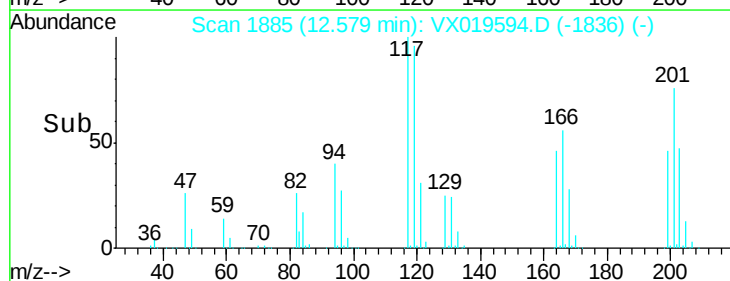
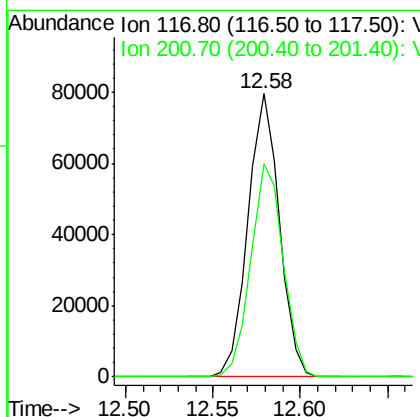
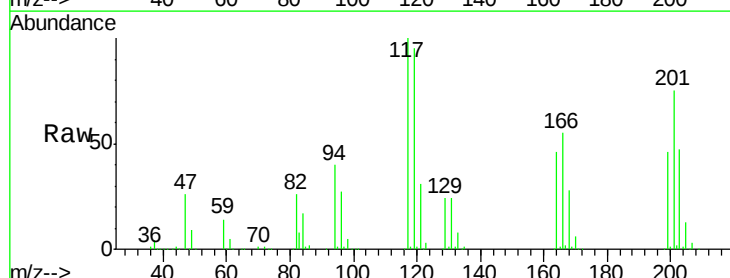
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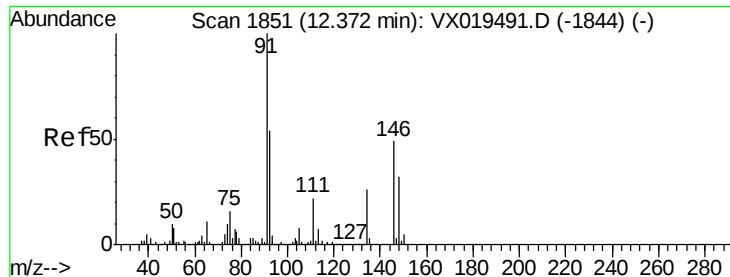
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#90
Hexachloroethane
Concen: 48.216 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.6	39.4	118.2





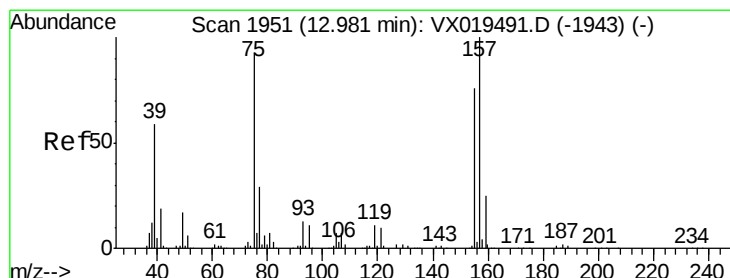
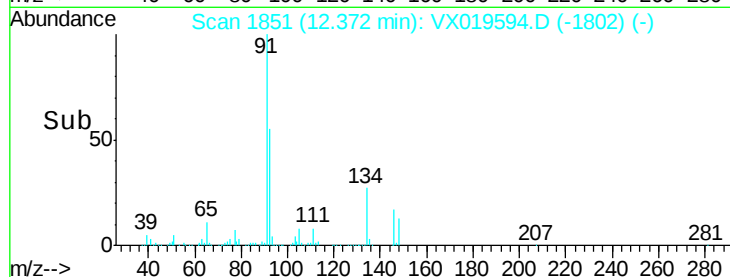
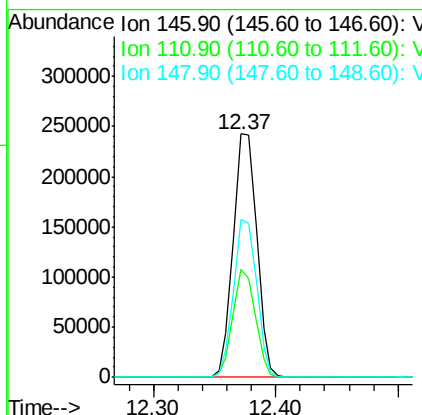
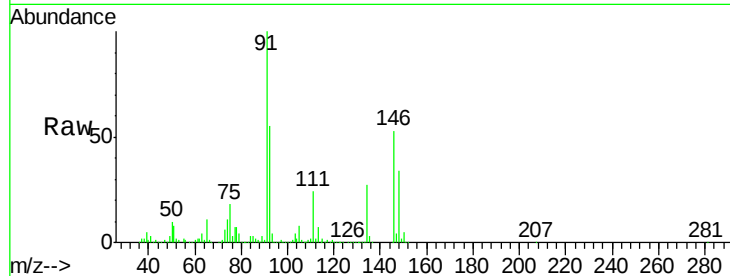
#91
 1,2-Dichlorobenzene
 Concen: 48.986 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	63.7	32.4	97.0

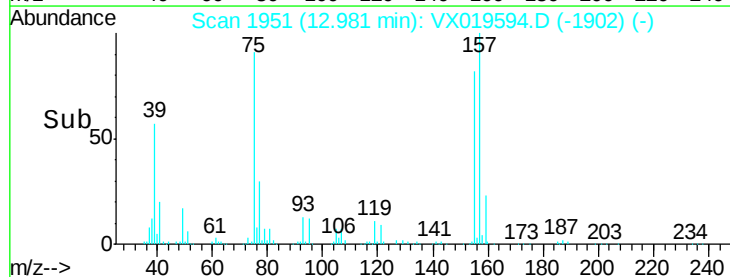
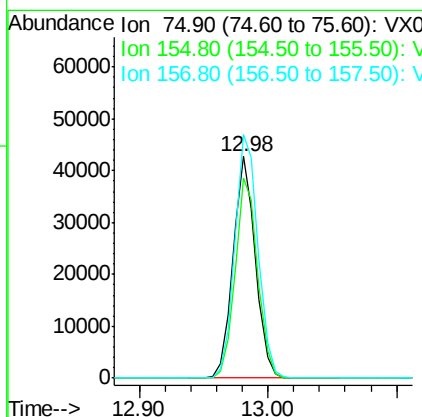
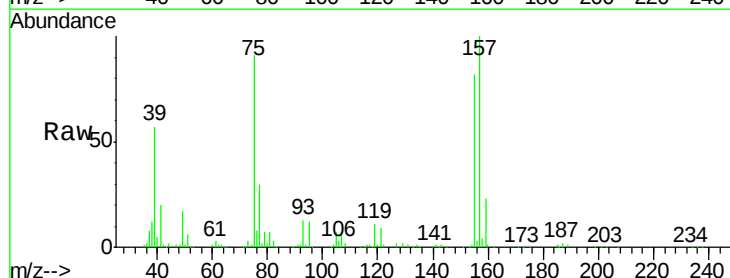
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.528 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	43.6	130.9
157	113.9	57.0	170.8





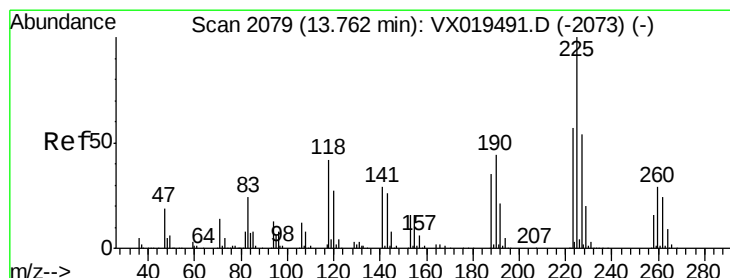
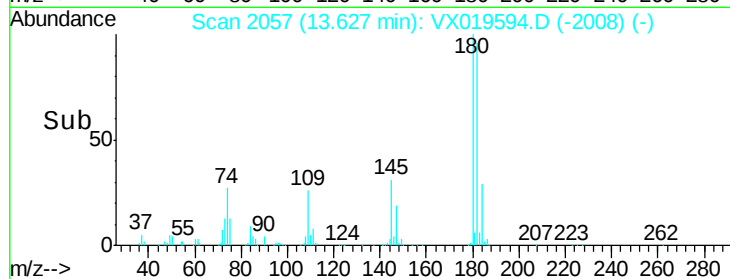
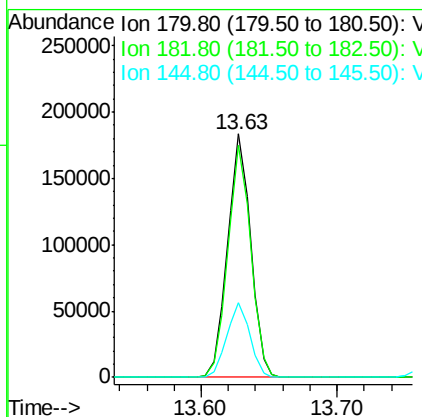
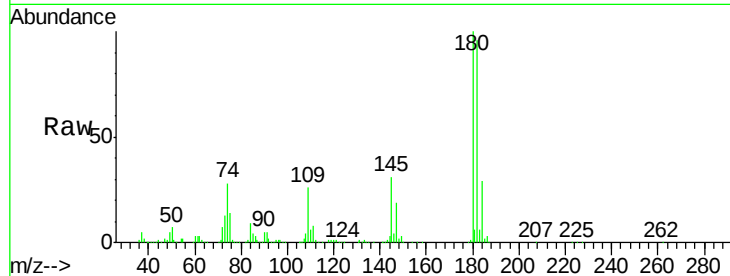
#93
 1,2,4-Trichlorobenzene
 Concen: 50.953 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	216317		
182	94.9	48.6	145.9	
145	30.8	15.9	47.7	

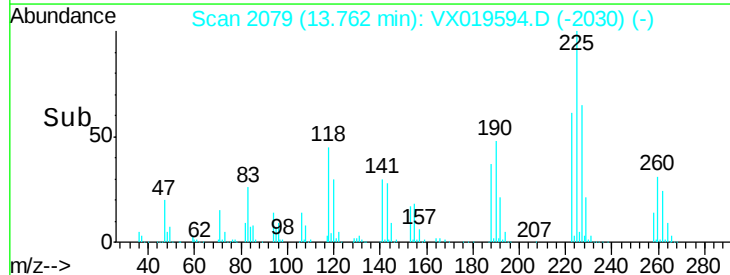
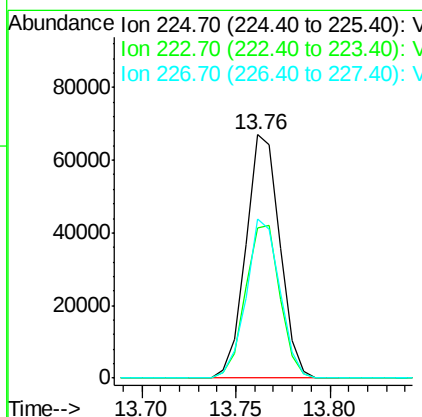
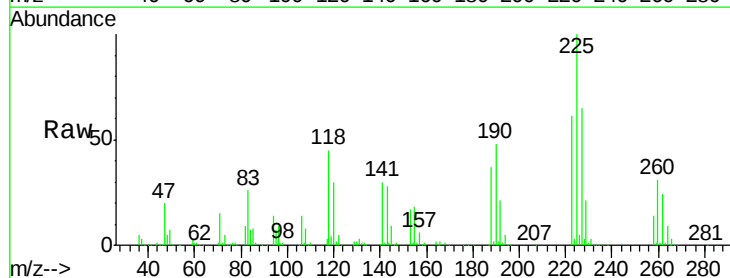
Manual Integrations
 APPROVED

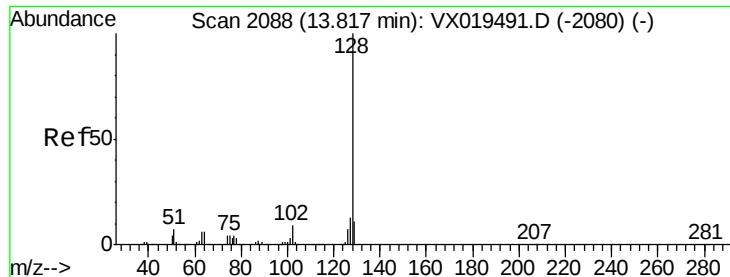
MMDadoda
 11/25/2020 10:31:00 AM



#94
 Hexachlorobutadiene
 Concen: 43.339 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83817		
223	63.6	32.5	97.5	
227	64.5	32.8	98.3	





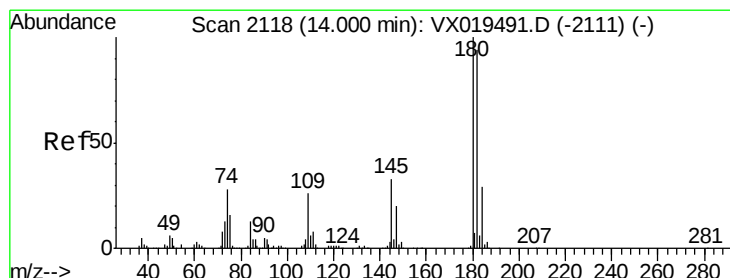
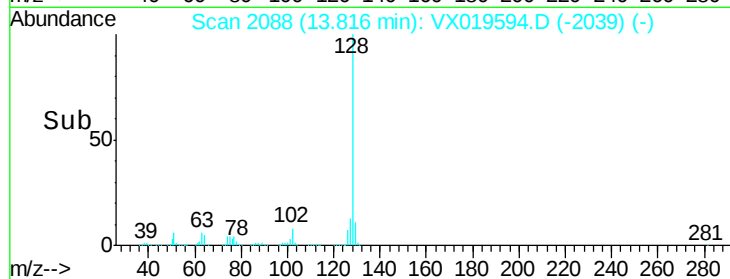
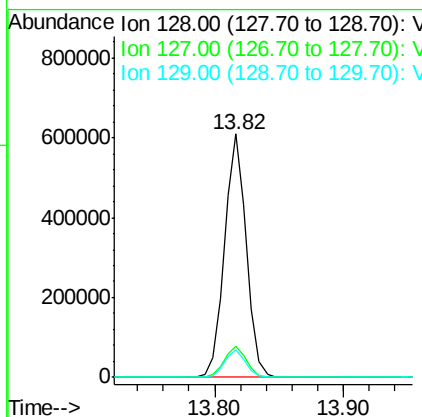
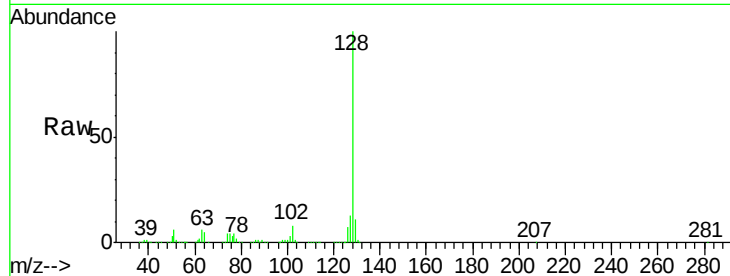
#95
Naphthalene
Concen: 48.270 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/25/2020 10:31:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.622 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.1	144.3
145	32.7	16.6	49.8

