

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019012.D
 Acq On : 21 Oct 2020 20:37
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102120

Manual Integrations
 APPROVED

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 10/23/2020 1:52:44 PM

Quant Time: Oct 22 18:28:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	261980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	413935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	150696	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	5.46	113	132507	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	8.70	98	509038	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.12	95	187202	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130657	50.069	ug/l	98
3) Chloromethane	1.31	50	127368	49.089	ug/l	100
4) Vinyl Chloride	1.39	62	151960	49.636	ug/l	99
5) Bromomethane	1.64	94	157510	57.475	ug/l	100
6) Chloroethane	1.71	64	111948	53.384	ug/l	96
7) Trichlorofluoromethane	1.92	101	249917	48.306	ug/l	98
8) Diethyl Ether	2.17	74	98457	48.602	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118389	48.303	ug/l	99
10) Methyl Iodide	2.49	142	159676	46.563	ug/l	100
11) Tert butyl alcohol	3.03	59	156515	246.260	ug/l	100
12) 1,1-Dichloroethene	2.36	96	124118	48.675	ug/l	99
13) Acrolein	2.28	56	58830	245.716	ug/l	97
14) Allyl chloride	2.71	41	162386	49.227	ug/l	98
15) Acrylonitrile	3.12	53	306100	249.059	ug/l	99
16) Acetone	2.42	43	266043	248.900	ug/l	100
17) Carbon Disulfide	2.55	76	349025	47.460	ug/l	100
18) Methyl Acetate	2.75	43	132943	50.122	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	397251	49.182	ug/l	100
20) Methylene Chloride	2.84	84	144273	48.484	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	144702	48.632	ug/l	99
22) Diisopropyl ether	3.82	45	320738	49.308	ug/l	99
23) Vinyl Acetate	3.78	43	1556178	251.948	ug/l	100
24) 1,1-Dichloroethane	3.67	63	233567	49.306	ug/l	100
25) 2-Butanone	4.64	43	432832	256.279	ug/l	98
26) 2,2-Dichloropropane	4.55	77	205831	47.060	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	167884	49.717	ug/l	98
28) Bromochloromethane	4.98	49	96940	48.192	ug/l	98
29) Tetrahydrofuran	5.09	42	249710	247.370	ug/l	99
30) Chloroform	5.18	83	259633	50.483	ug/l	98
31) Cyclohexane	5.55	56	174169	47.395	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	231920	49.721	ug/l	100
36) 1,1-Dichloropropene	5.77	75	190876	48.802	ug/l	99
37) Ethyl Acetate	4.79	43	168968	50.616	ug/l	100
38) Carbon Tetrachloride	5.75	117	198696	48.401	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	207672	47.393	ug/l	97
40) Benzene	6.11	78	574153	49.844	ug/l	99
41) Methacrylonitrile	5.00	41	88356	49.273	ug/l	99
42) 1,2-Dichloroethane	6.16	62	196884	50.084	ug/l	99
43) Isopropyl Acetate	6.41	43	283900	50.215	ug/l	99
44) Trichloroethene	7.19	130	163710	48.734	ug/l	98
45) 1,2-Dichloropropane	7.49	63	138343	50.069	ug/l	98
46) Dibromomethane	7.63	93	105109	49.946	ug/l	99
47) Bromodichloromethane	7.88	83	208299	50.482	ug/l	99
48) Methyl methacrylate	7.74	41	136219	48.899	ug/l	99
49) 1,4-Dioxane	7.74	88	63255	1004.977	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	870246	261.220	ug/l	100
52) Toluene	8.77	92	380428	50.003	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	236855	50.832	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	248720	50.548	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	154794	49.909	ug/l	98
56) Ethyl methacrylate	9.16	69	229419	51.415	ug/l	99
57) 1,3-Dichloropropane	9.35	76	251362	51.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	592402	252.730	ug/l	100
59) 2-Hexanone	9.48	43	662351	266.790	ug/l	99
60) Dibromochloromethane	9.57	129	176574	52.234	ug/l	99
61) 1,2-Dibromoethane	9.65	107	166830	50.274	ug/l	99
64) Tetrachloroethene	9.32	164	145373	46.128	ug/l	92
65) Chlorobenzene	10.12	112	425286	48.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	154479	50.043	ug/l	98
67) Ethyl Benzene	10.24	91	721257	48.191	ug/l	99
68) m/p-Xylenes	10.34	106	562406	98.096	ug/l	100
69) o-Xylene	10.68	106	271303	49.444	ug/l	100
70) Styrene	10.70	104	473320	50.808	ug/l	99
71) Bromoform	10.84	173	129140	51.822	ug/l #	99
73) Isopropylbenzene	11.00	105	723289	47.967	ug/l	100
74) N-amyl acetate	10.88	43	246068	50.933	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	225316	49.600	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	211967m	50.595	ug/l	
77) Bromobenzene	11.24	156	183956	48.305	ug/l	99
78) n-propylbenzene	11.34	91	819076	47.937	ug/l	100
79) 2-Chlorotoluene	11.40	91	479280	48.082	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	606861	48.736	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	81726	49.700	ug/l	99
82) 4-Chlorotoluene	11.49	91	571421	48.178	ug/l	99
83) tert-Butylbenzene	11.76	119	611237	49.830	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	610728	48.981	ug/l	100
85) sec-Butylbenzene	11.93	105	718385	48.396	ug/l	100
86) p-Isopropyltoluene	12.05	119	666867	49.168	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	327214	46.840	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	343722	47.945	ug/l	98
89) n-Butylbenzene	12.37	91	586131	47.212	ug/l	100
90) Hexachloroethane	12.58	117	106830	51.450	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	321345	49.337	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50231	48.561	ug/l	98

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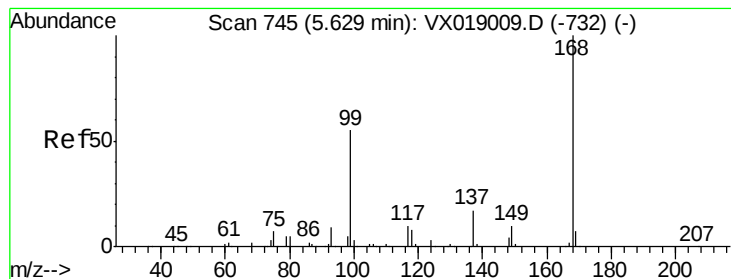
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223806	46.967	ug/l	98
94) Hexachlorobutadiene	13.76	225	103021	46.633	ug/l	98
95) Naphthalene	13.82	128	753291	50.243	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214342	46.211	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion:168 Resp: 261980

Ion Ratio Lower Upper

168 100

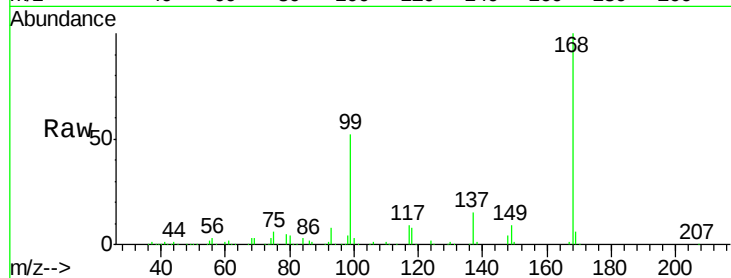
99 51.7 44.2 66.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

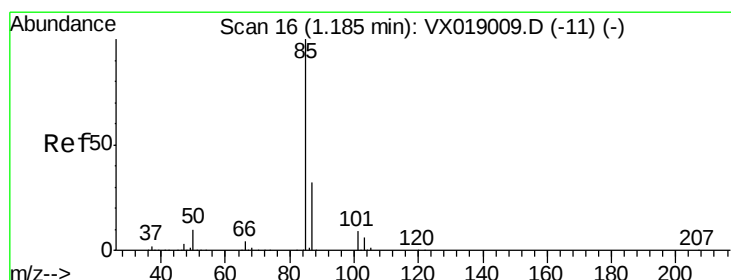
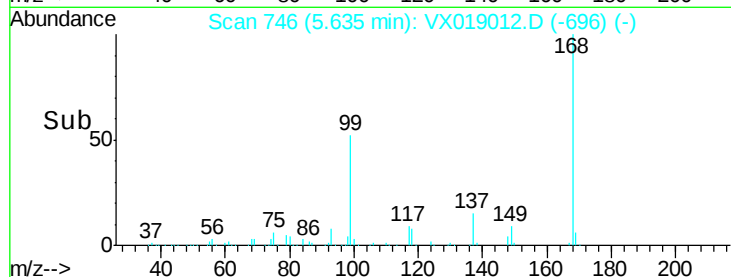
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.069 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019012.D

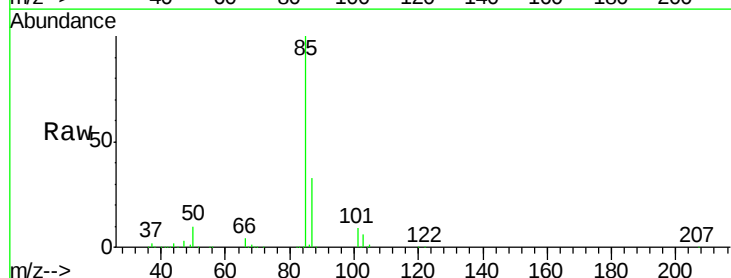
Acq: 21 Oct 2020 20:37

Tgt Ion: 85 Resp: 130657

Ion Ratio Lower Upper

85 100

87 33.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

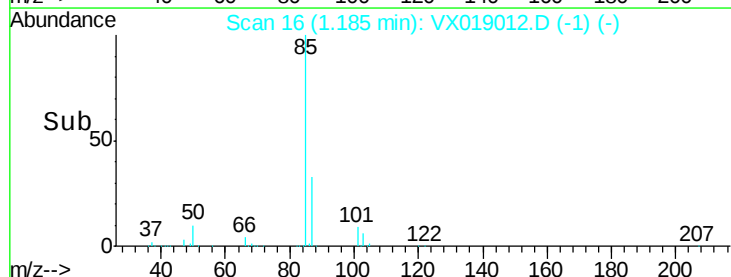
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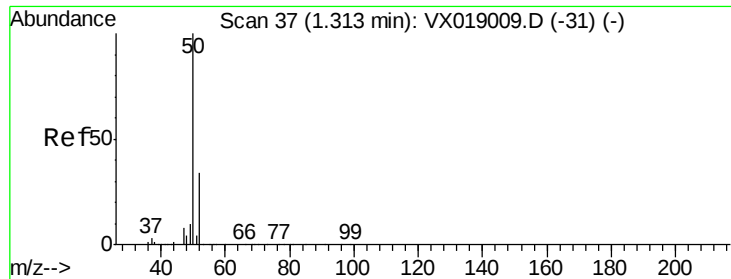
100000

50000

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Time-->





#3

Chloromethane

Concen: 49.089 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion: 50 Resp: 127368

Ion Ratio Lower Upper

50 100

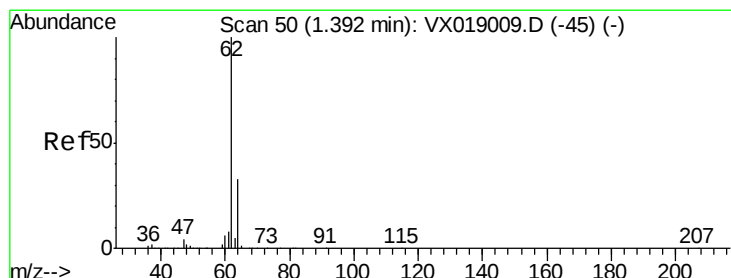
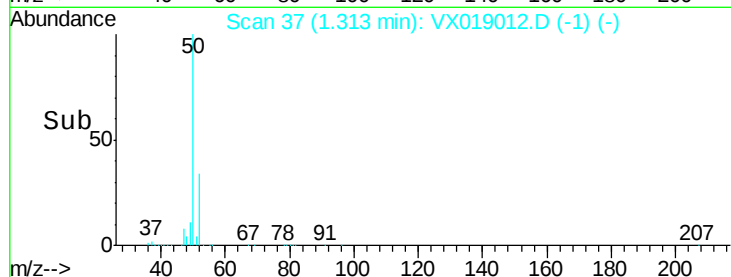
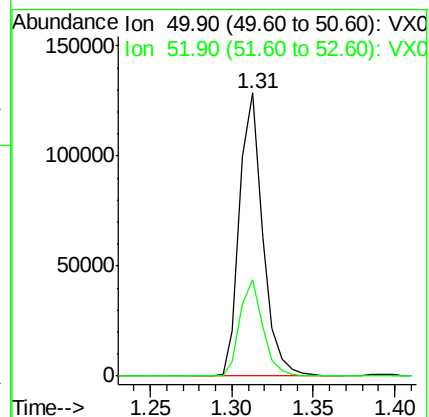
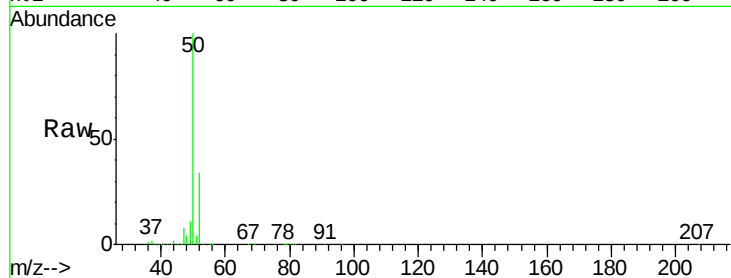
52 33.9 27.0 40.6

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#4

Vinyl Chloride

Concen: 49.636 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019012.D

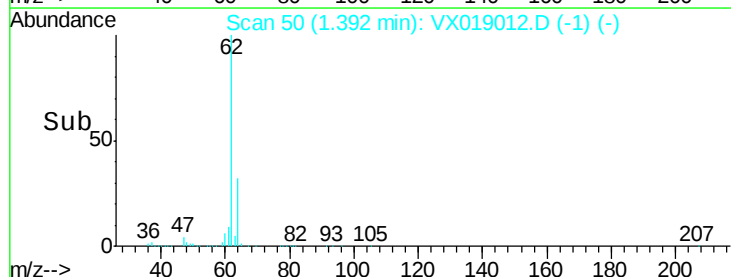
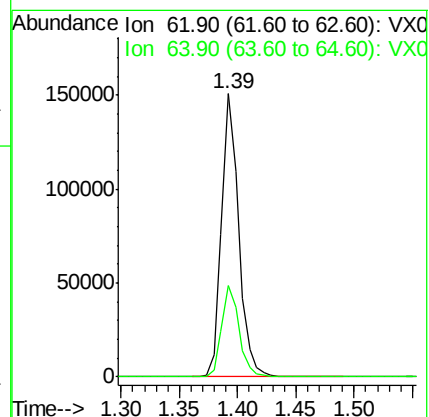
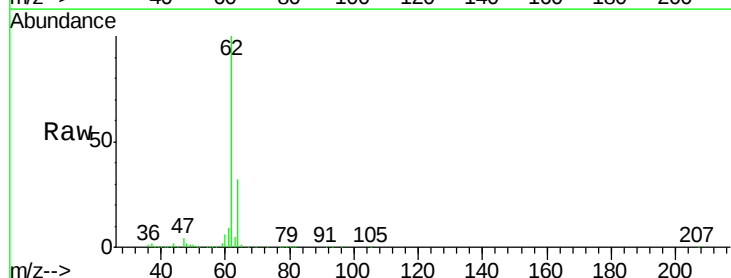
Acq: 21 Oct 2020 20:37

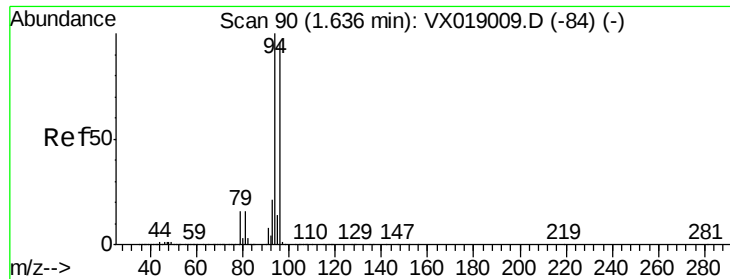
Tgt Ion: 62 Resp: 151960

Ion Ratio Lower Upper

62 100

64 32.4 26.5 39.7





#5

Bromomethane

Concen: 57.475 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

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ClientSampleId :

ICVVX102120

Tot Ion: 94 Resp: 157510

Ion Ratio Lower Upper

94 100

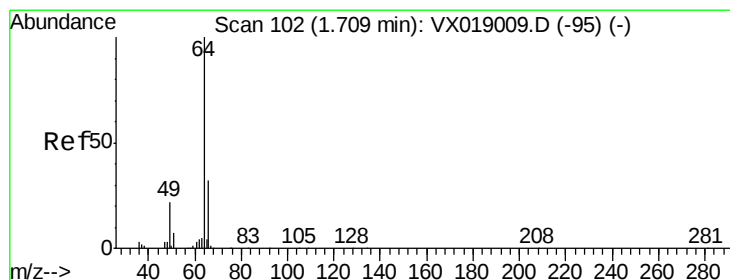
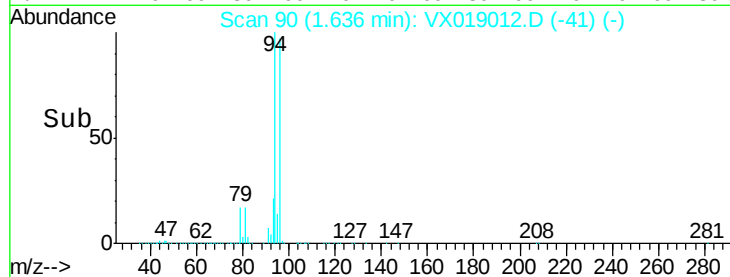
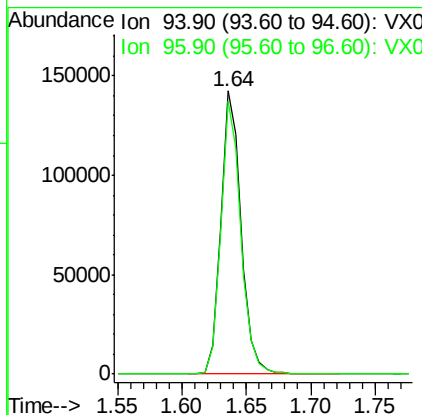
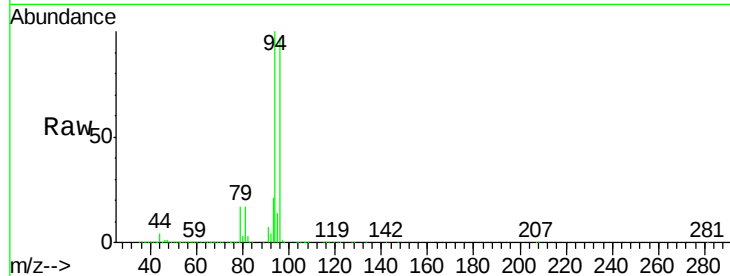
96 96.5 77.1 115.7

Manual Integrations

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#6

Chloroethane

Concen: 53.384 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019012.D

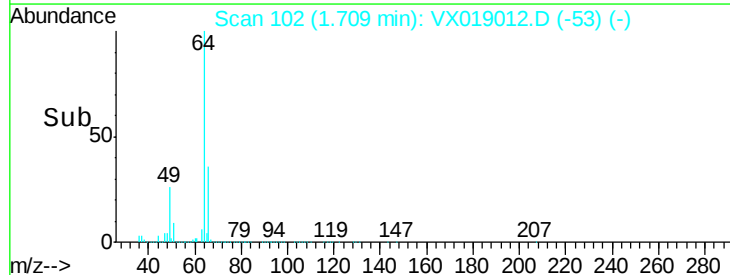
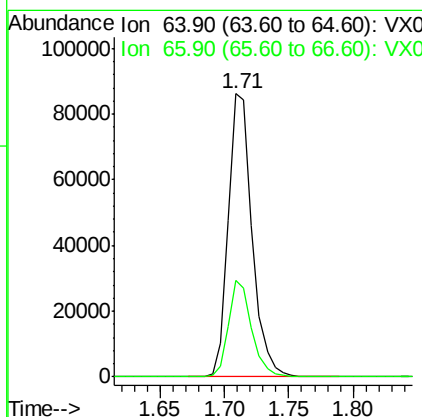
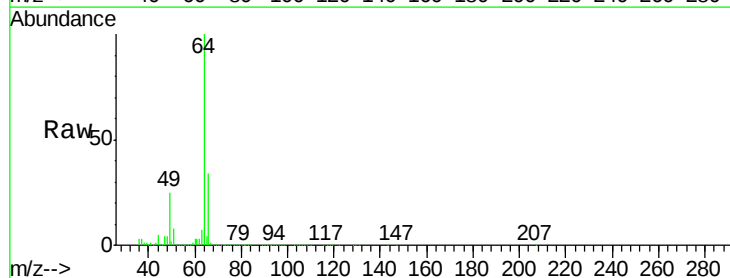
Acq: 21 Oct 2020 20:37

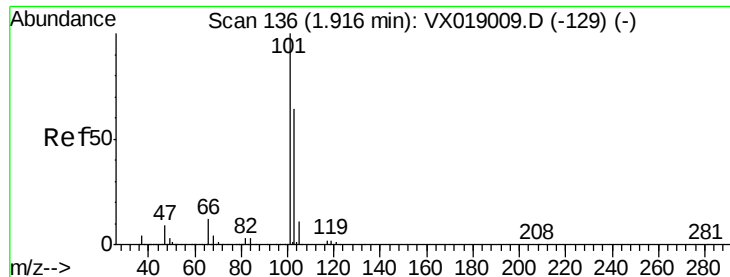
Tgt Ion: 64 Resp: 111948

Ion Ratio Lower Upper

64 100

66 34.1 25.7 38.5





#7

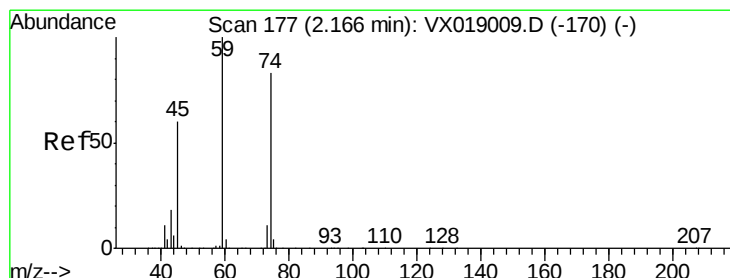
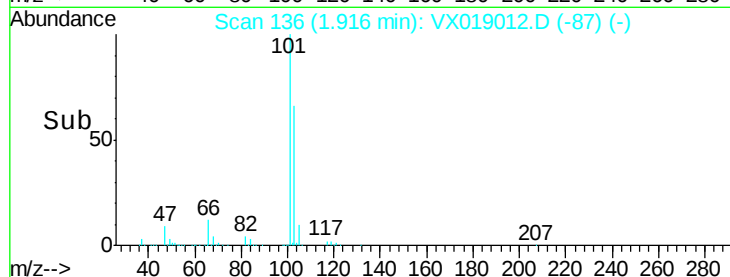
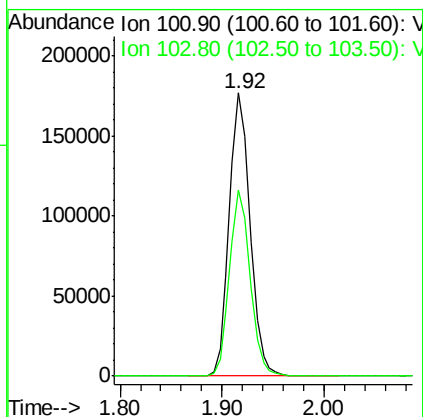
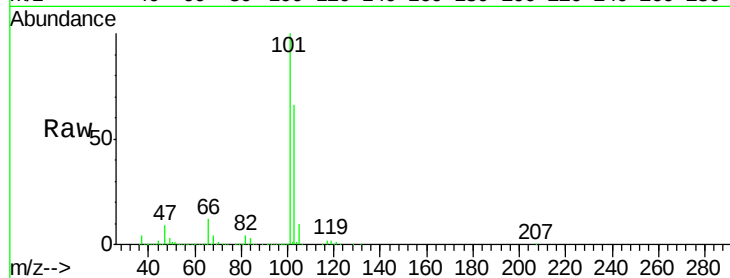
Trichlorofluoromethane
Concen: 48.306 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019012.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.2	76.8

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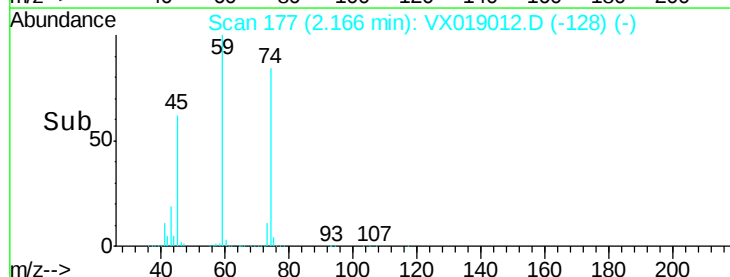
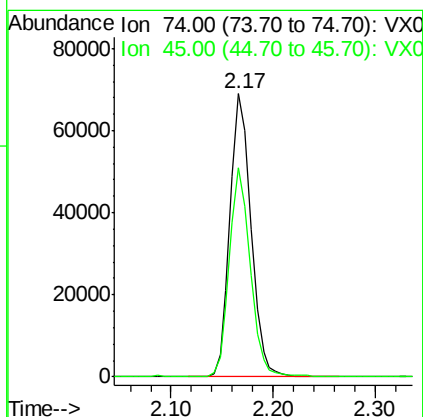
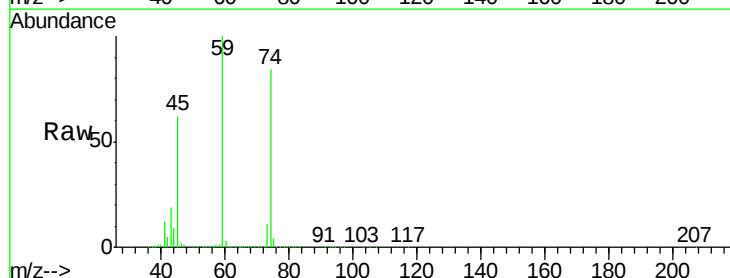
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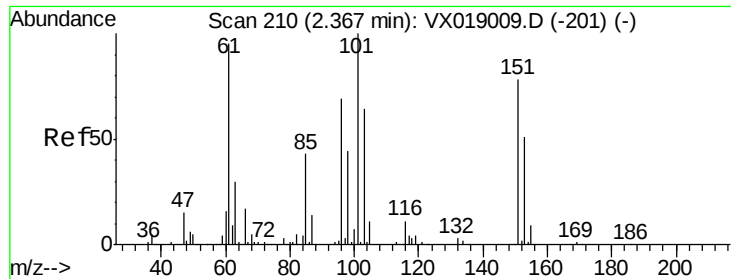


#8

Diethyl Ether
Concen: 48.602 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	72.6	36.8	110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.303 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

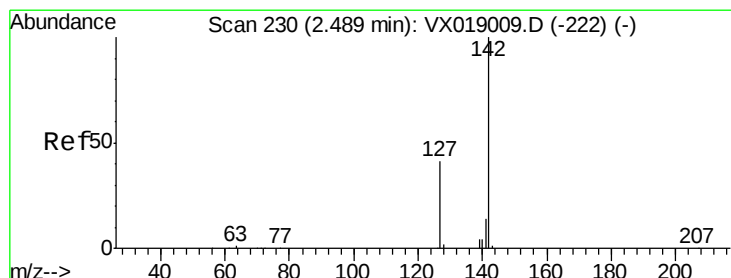
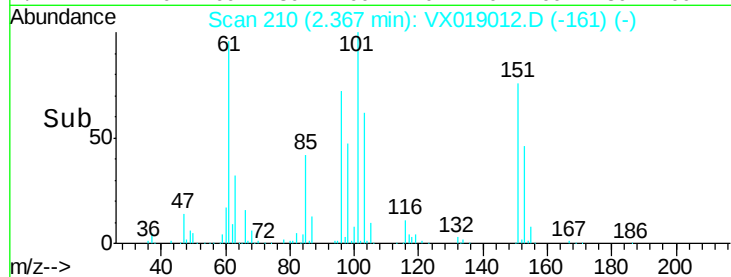
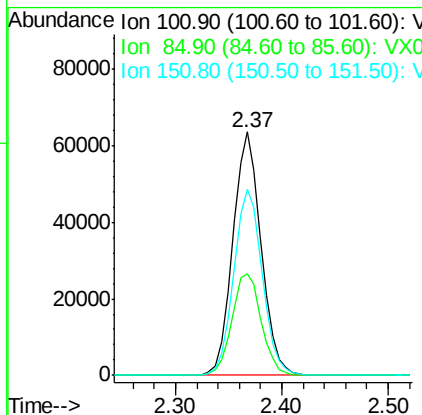
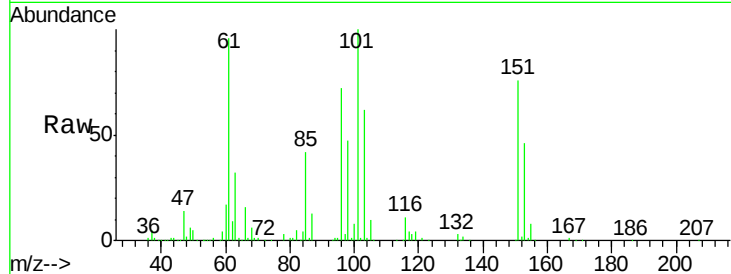
ClientSampleId :

ICVVX102120

Tot Ion:	101	Resp:	118389
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.2	52.8
151	77.4	62.4	93.6

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#10

Methyl Iodide

Concen: 46.563 ug/l

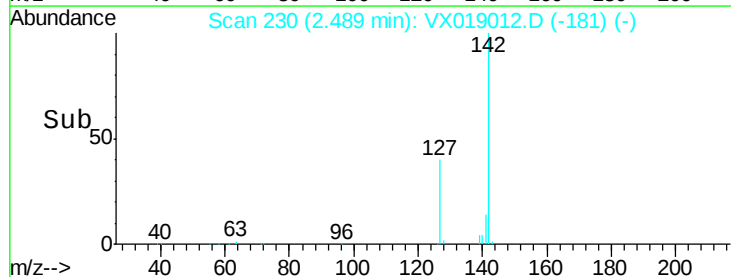
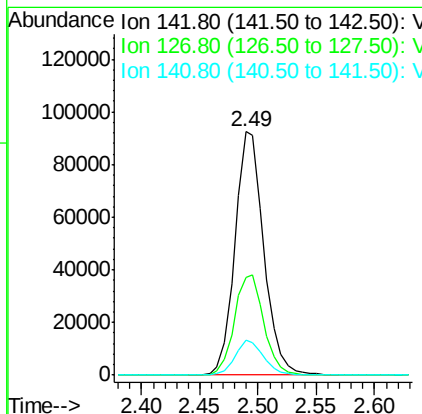
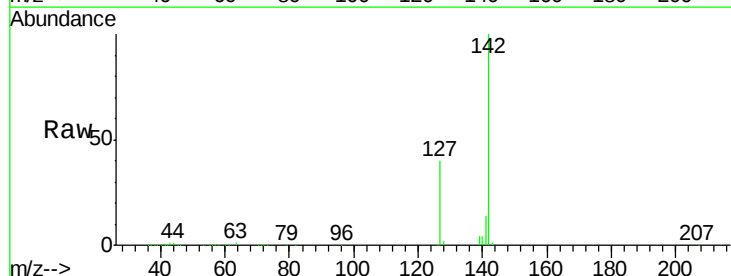
RT: 2.49 min Scan# 230

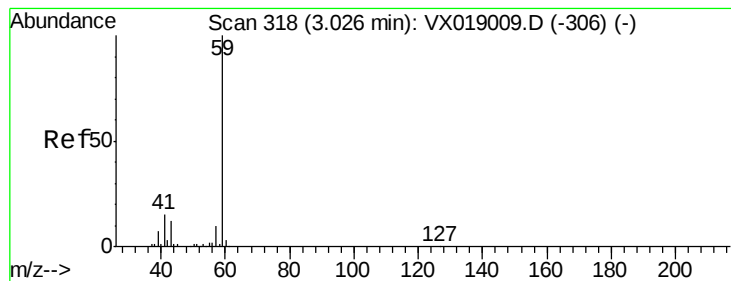
Delta R.T. 0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Tgt Ion:	142	Resp:	159676
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.6	50.4
141	14.1	11.2	16.8





#11

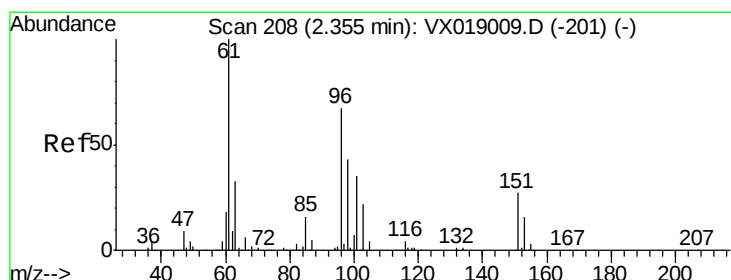
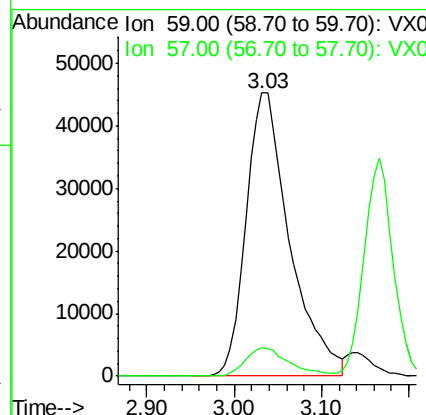
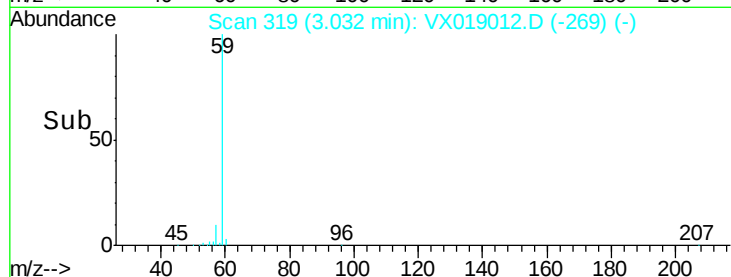
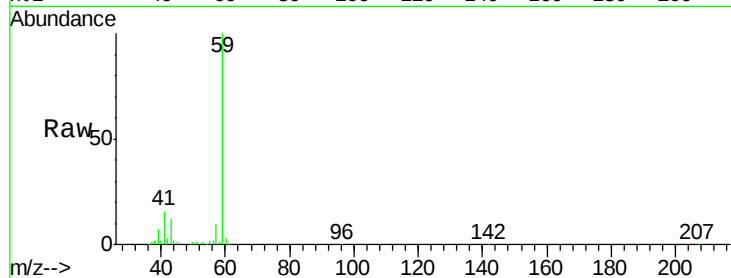
Tert butyl alcohol
Concen: 246.260 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	59	57	Ratio	100	10.1	Resp	156515	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	10.1	Resp	156515	Lower	8.2	Upper	12.2

Manual Integrations
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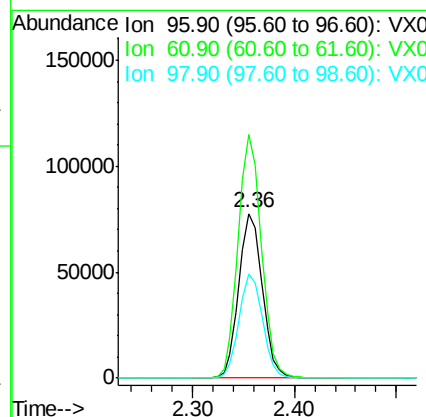
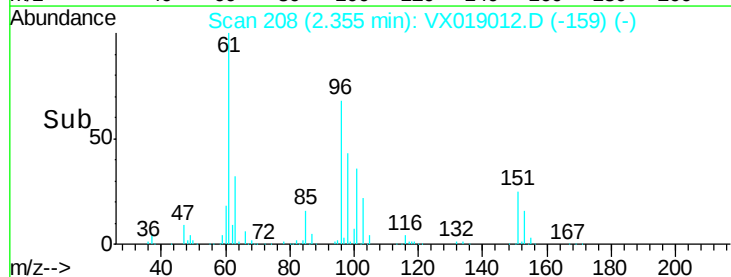
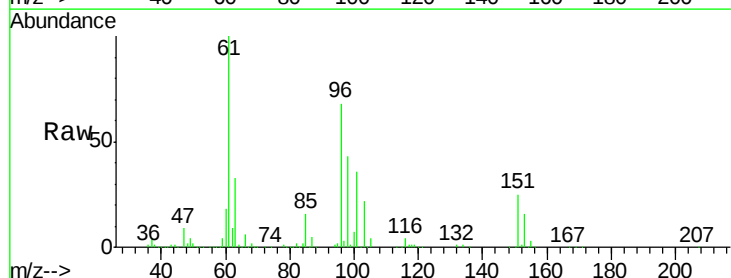
MMDadoda
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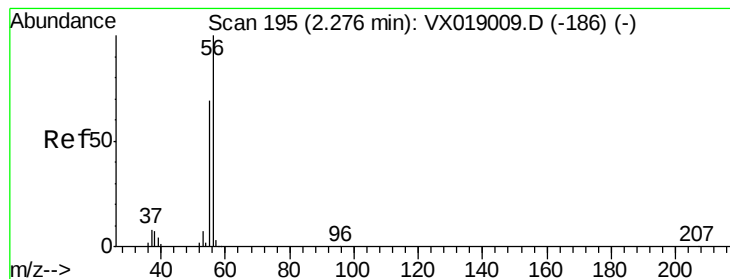


#12

1,1-Dichloroethene
Concen: 48.675 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	96	61	98	Ratio	100	147.8	63.1	Resp	124118	Lower	119.0	Upper	178.6	76.4
Ion	96	61	98	Ratio	100	147.8	63.1	Resp	124118	Lower	119.0	Upper	178.6	76.4





#13

Acrolein

Concen: 245.716 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion: 56 Resp: 58830

Ion Ratio Lower Upper

56 100

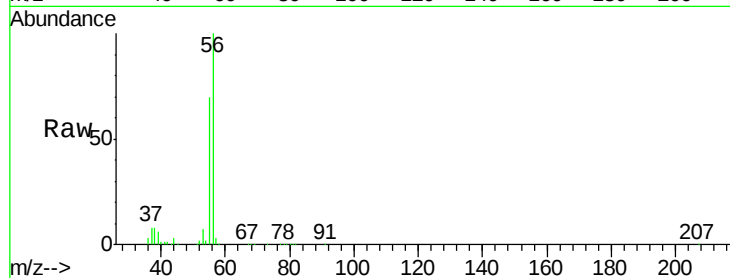
55 70.1 54.2 81.4

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

40000

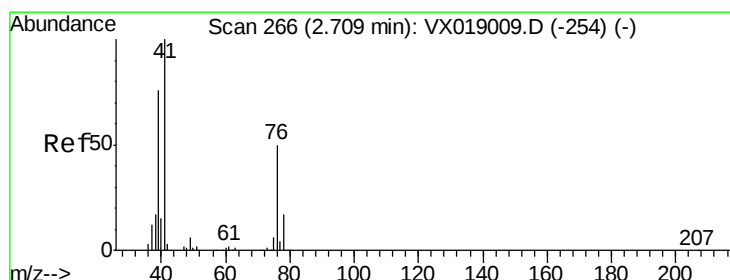
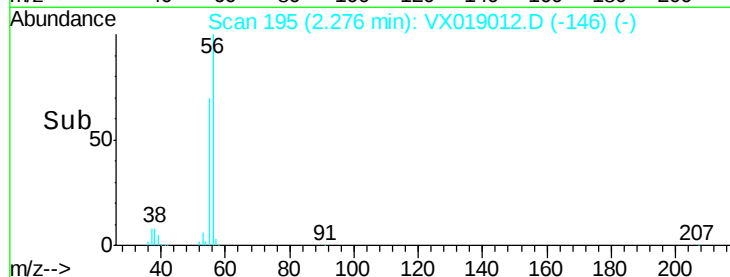
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 49.227 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

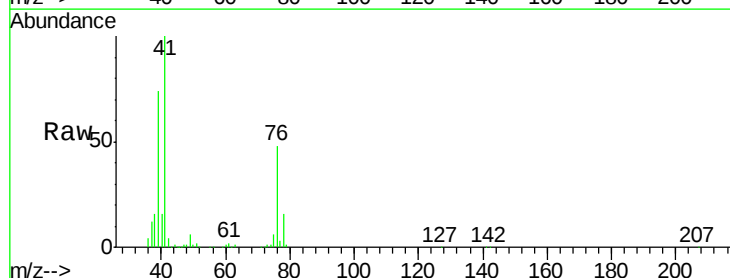
Tgt Ion: 41 Resp: 162386

Ion Ratio Lower Upper

41 100

39 70.1 57.4 86.0

76 45.9 37.7 56.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.71

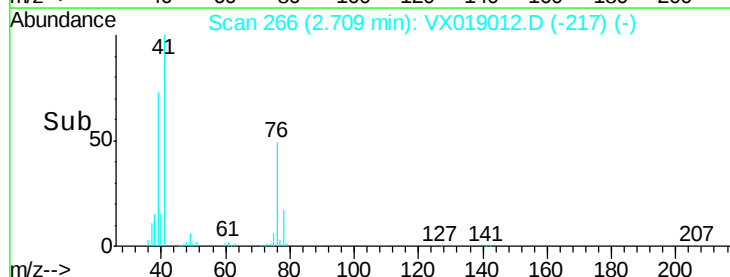
150000

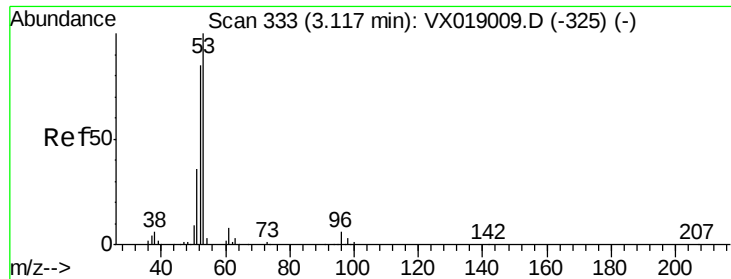
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 249.059 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

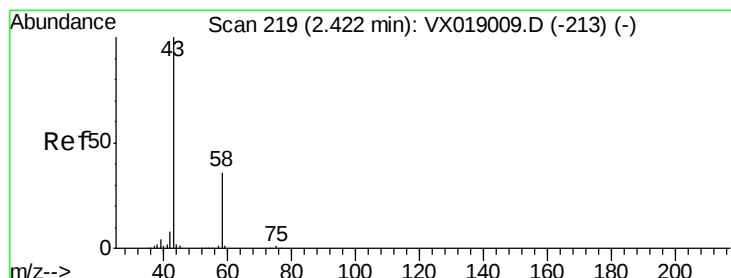
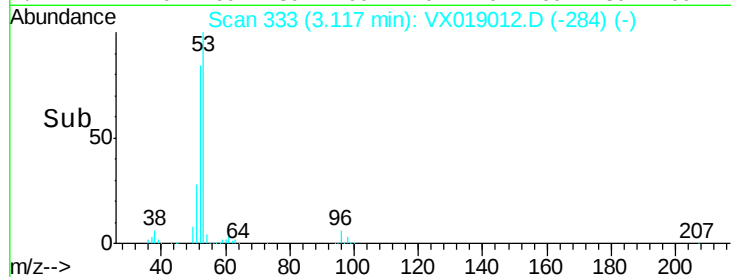
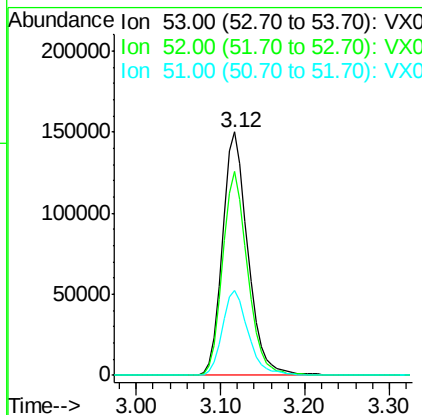
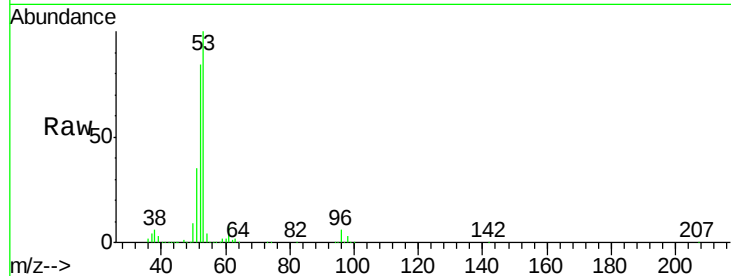
ClientSampleId :

ICVVX102120

Tot Ion:	53	Resp:	306100
Ion Ratio		Lower	Upper
53	100		
52	83.1	65.9	98.9
51	35.4	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 248.900 ug/l

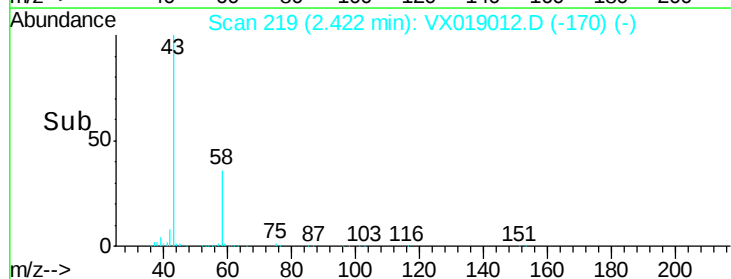
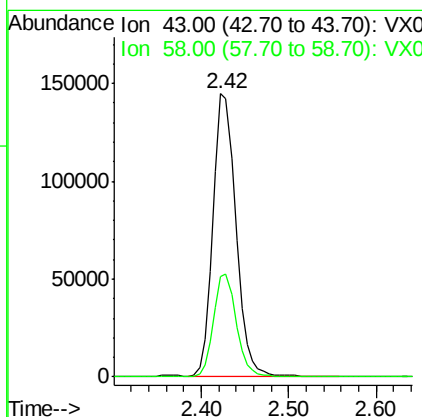
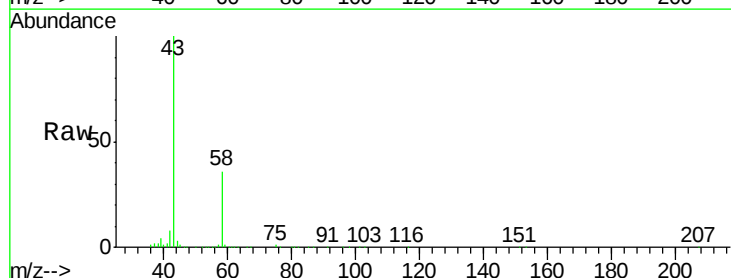
RT: 2.42 min Scan# 219

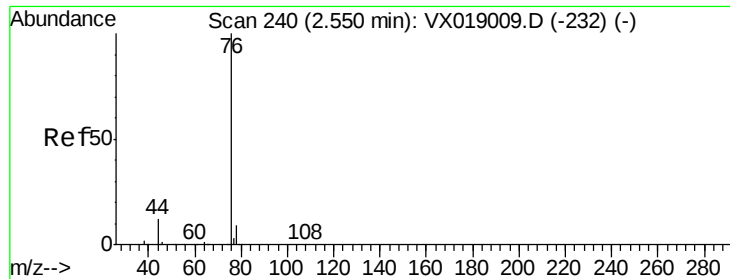
Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Tgt Ion:	43	Resp:	266043
Ion Ratio		Lower	Upper
43	100		
58	35.5	28.6	42.8





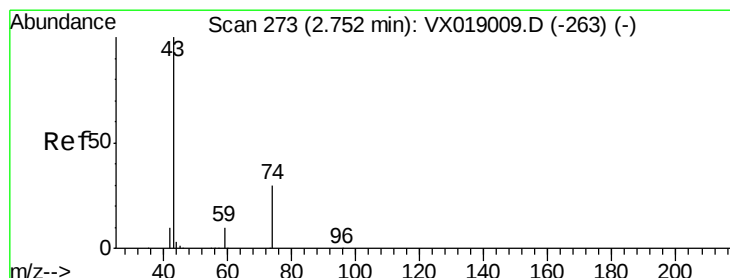
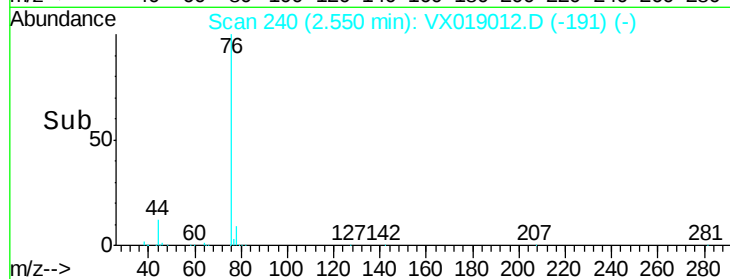
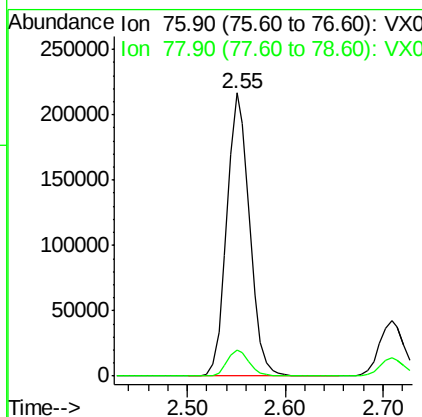
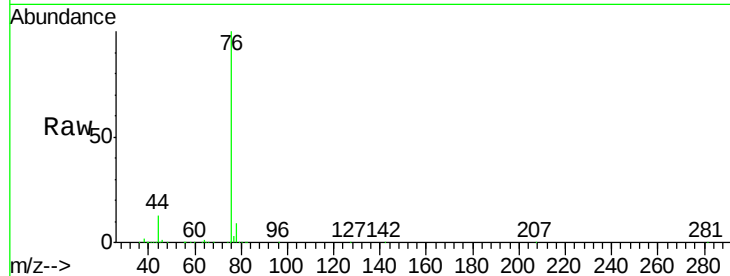
#17
Carbon Disulfide
Concen: 47.460 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

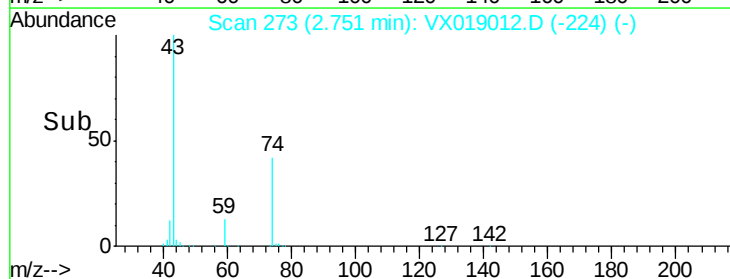
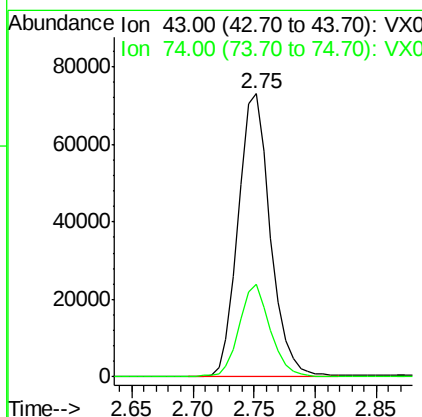
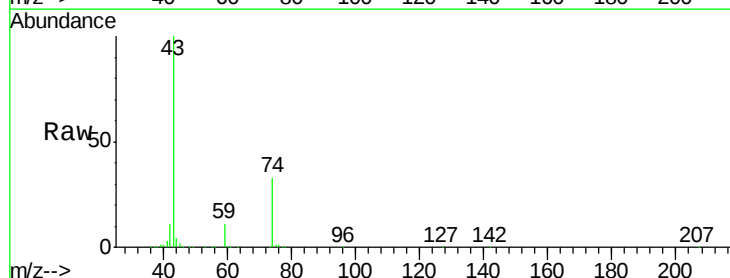
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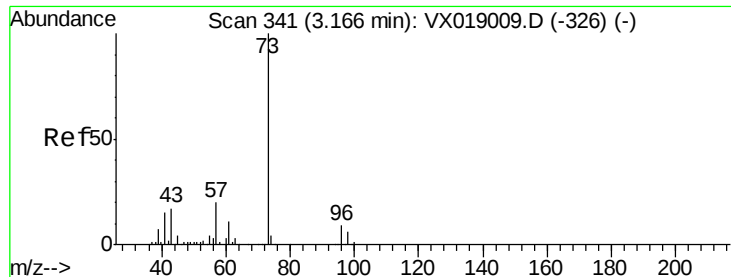
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#18
Methyl Acetate
Concen: 50.122 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.0	24.9	37.3





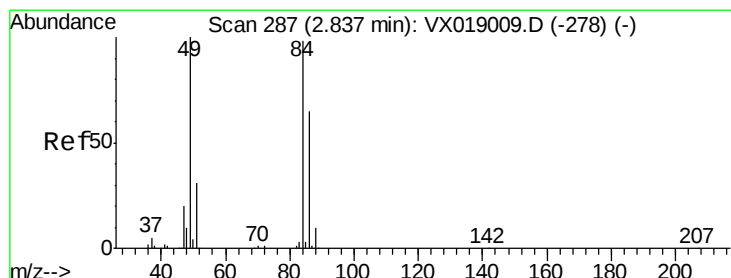
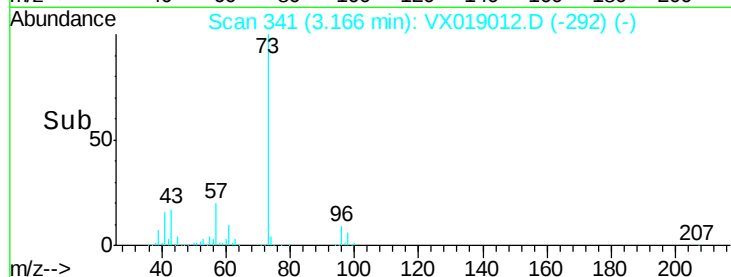
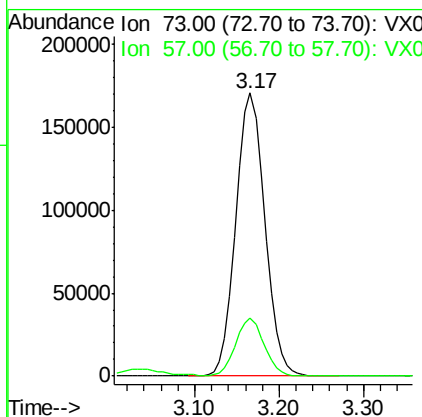
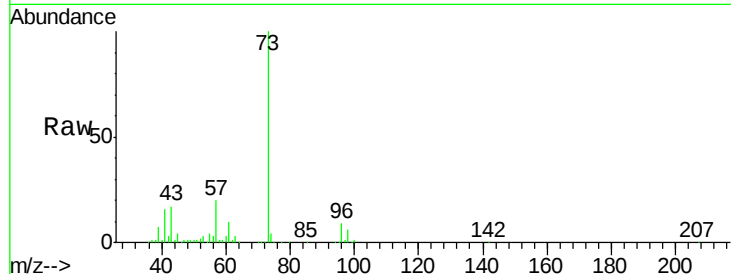
#19
Methyl tert-butyl Ether
Concen: 49.182 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.2	24.2

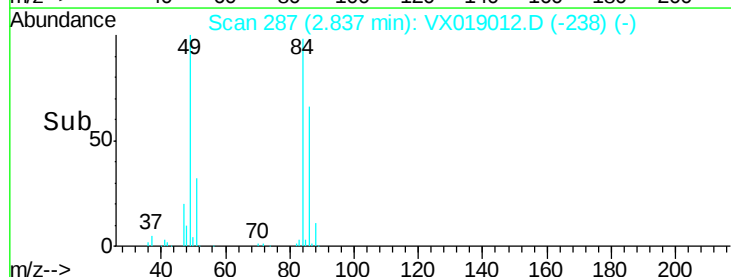
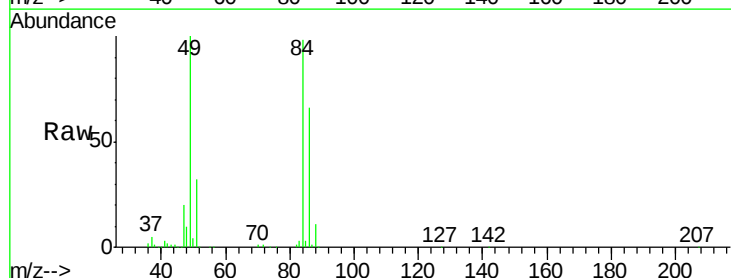
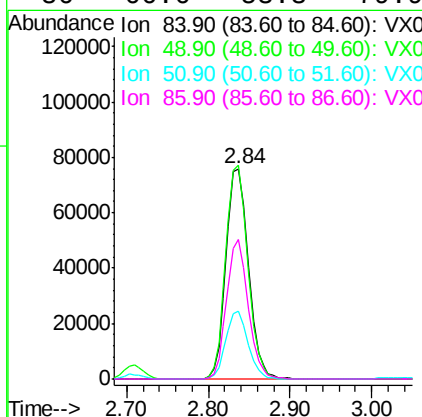
Manual Integrations
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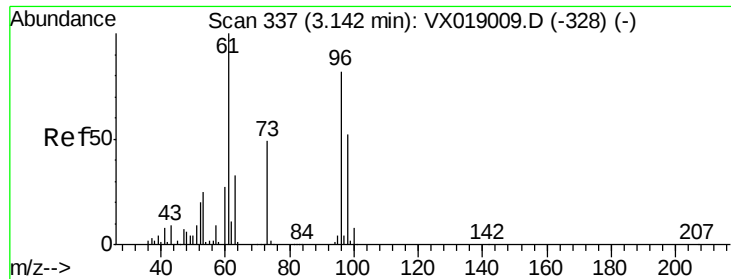
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#20
Methylene Chloride
Concen: 48.484 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	101.6	81.6	122.4
51	32.2	25.6	38.4
86	66.6	53.3	79.9





#21

trans-1,2-Dichloroethene

Concen: 48.632 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

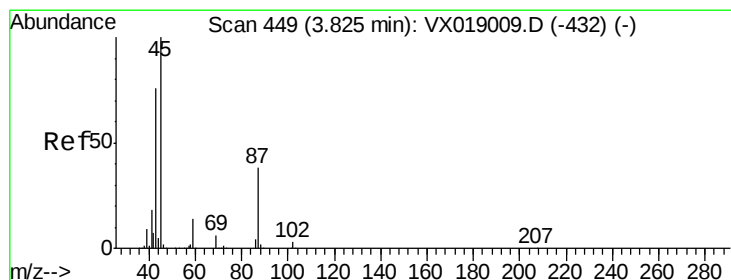
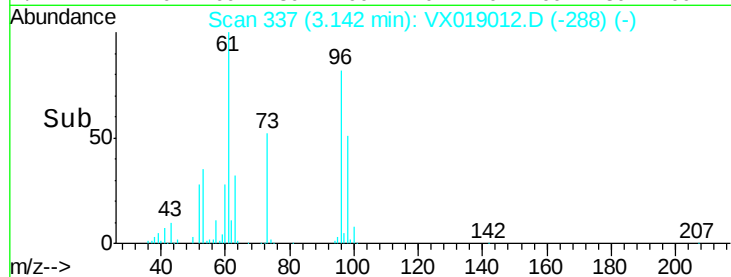
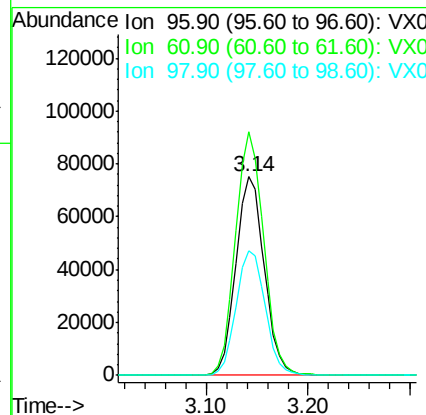
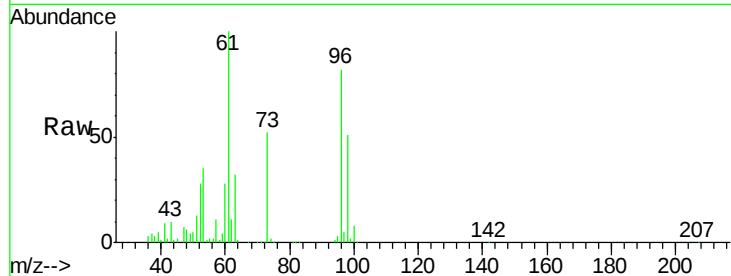
ClientSampleId :

ICVVX102120

Tot Ion:	96	Resp:	144702
Ion	Ratio	Lower	Upper
96	100		
61	122.7	97.8	146.6
98	62.8	50.7	76.1

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#22

Diisopropyl ether

Concen: 49.308 ug/l

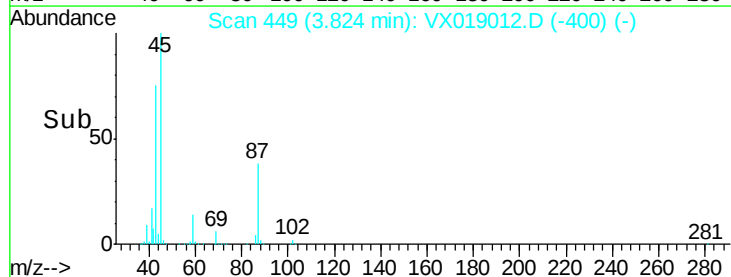
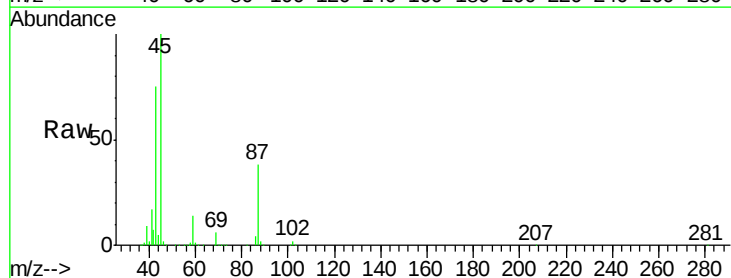
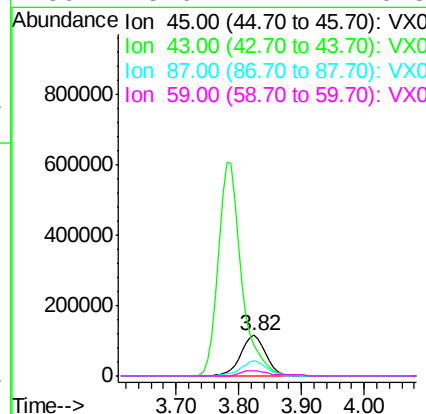
RT: 3.82 min Scan# 449

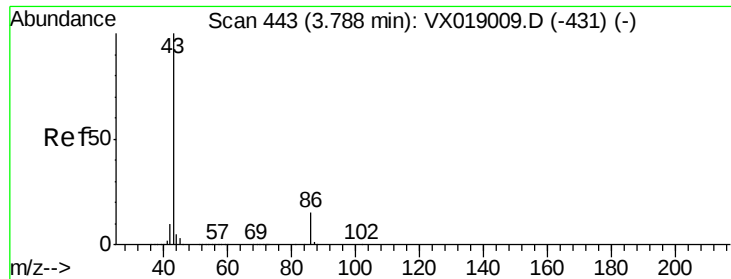
Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Tgt Ion:	45	Resp:	320738
Ion	Ratio	Lower	Upper
45	100		
43	74.9	60.4	90.6
87	37.6	30.4	45.6
59	13.6	11.2	16.8





#23

Vinyl Acetate

Concen: 251.948 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion: 43 Resp: 1556178

Ion Ratio Lower Upper

43 100

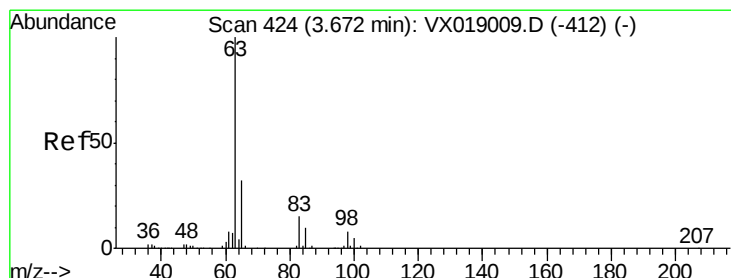
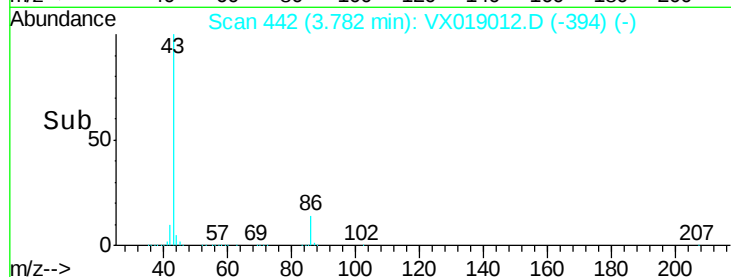
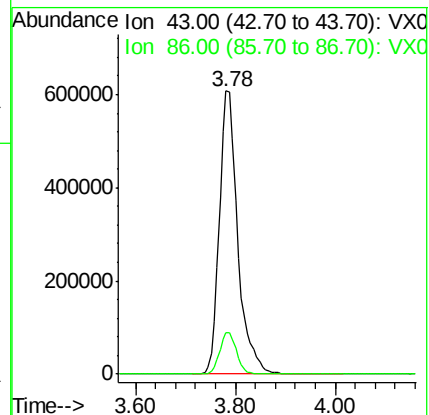
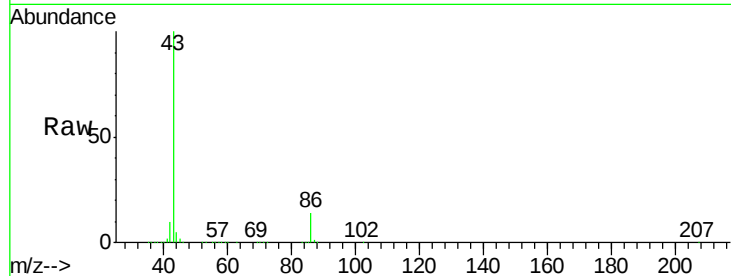
86 14.5 11.7 17.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.306 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

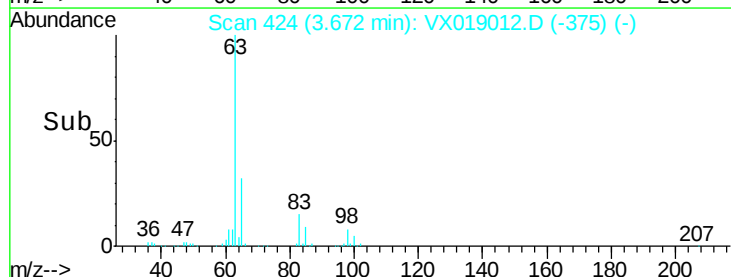
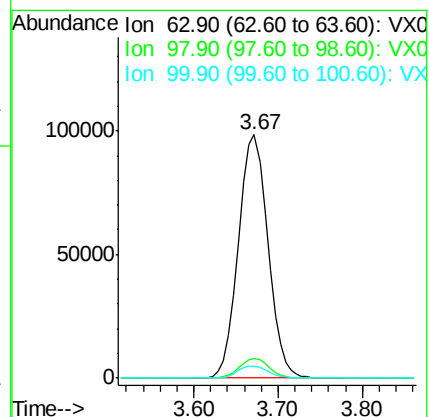
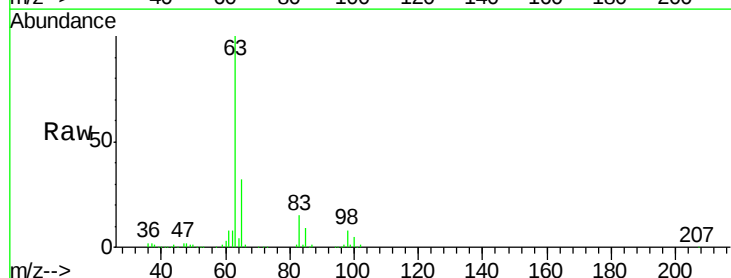
Tgt Ion: 63 Resp: 233567

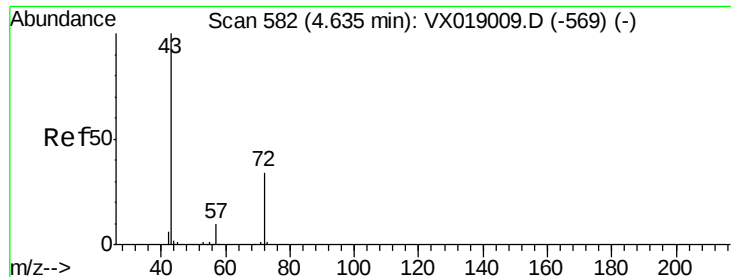
Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.0

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 256.279 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion: 43 Resp: 432832

Ion Ratio Lower Upper

43 100

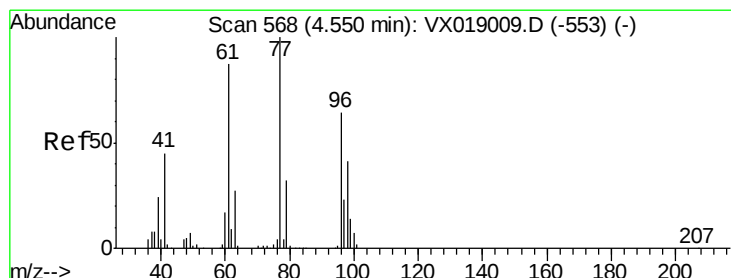
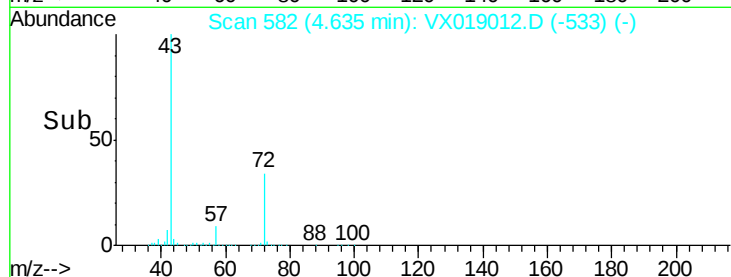
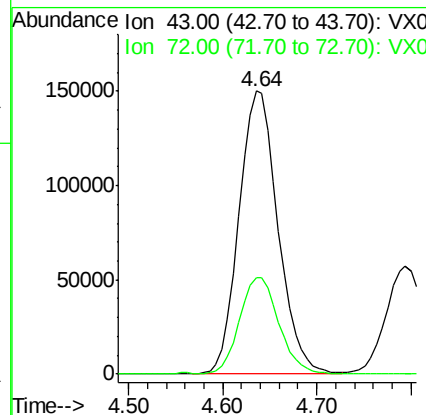
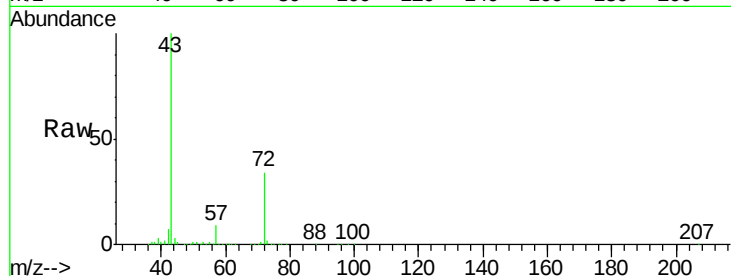
72 33.8 27.8 41.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.060 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019012.D

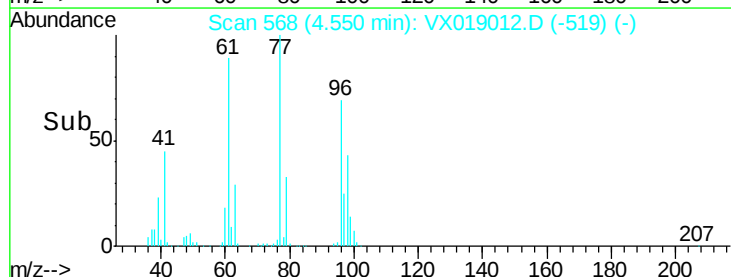
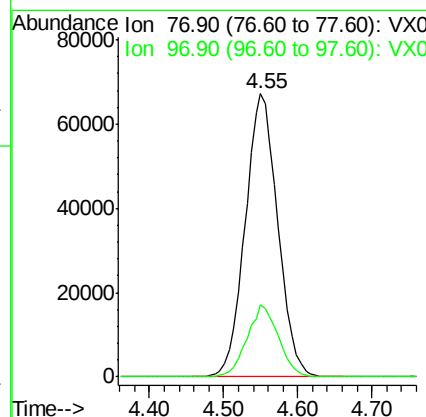
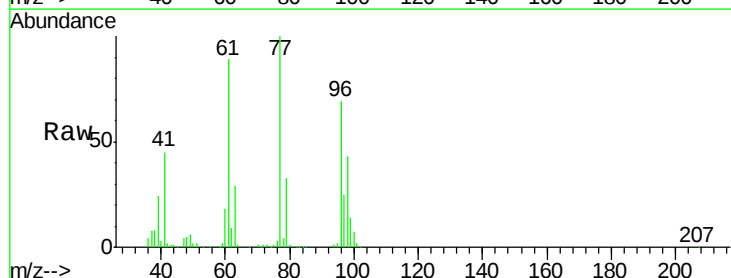
Acq: 21 Oct 2020 20:37

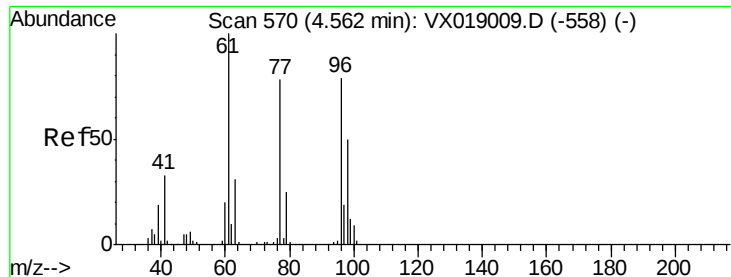
Tgt Ion: 77 Resp: 205831

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.7





#27

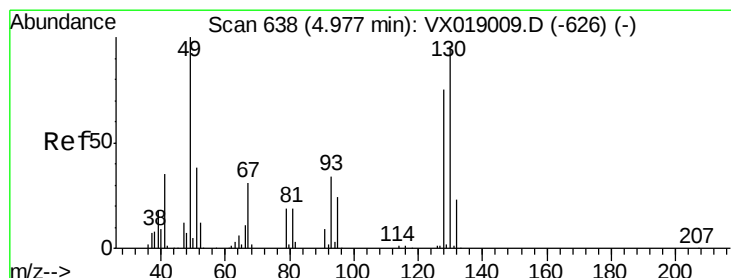
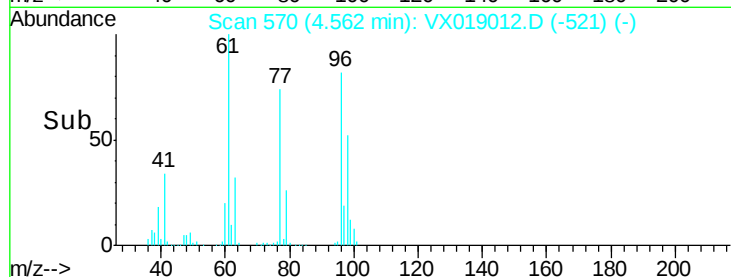
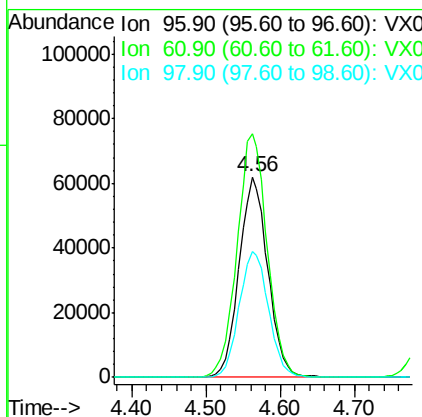
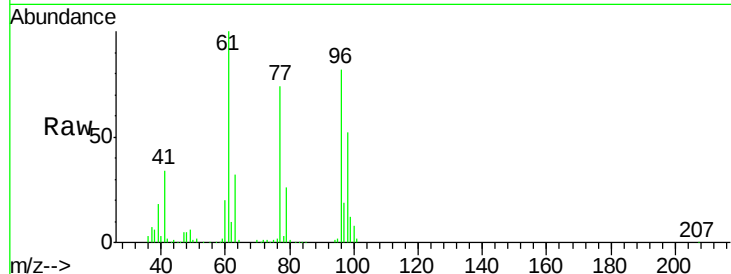
cis-1,2-Dichloroethene
Concen: 49.717 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Resp	Lower	Upper
96	100	167884		
61	127.3		0.0	260.0
98	64.5		0.0	131.4

Manual Integrations
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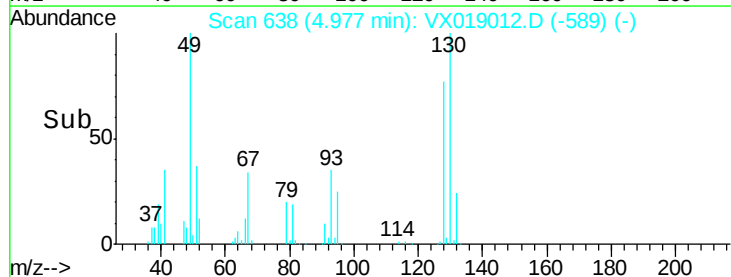
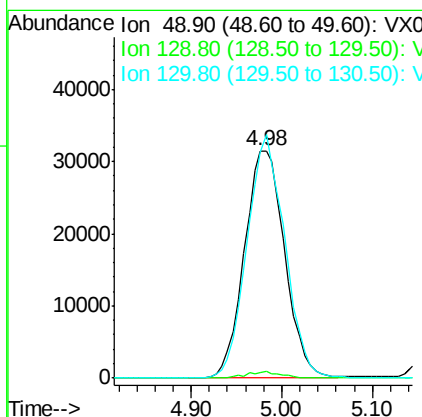
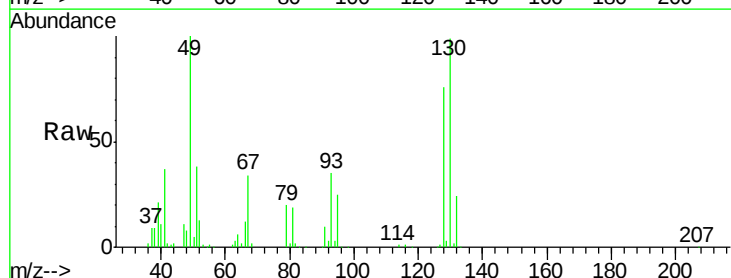
MMDadoda
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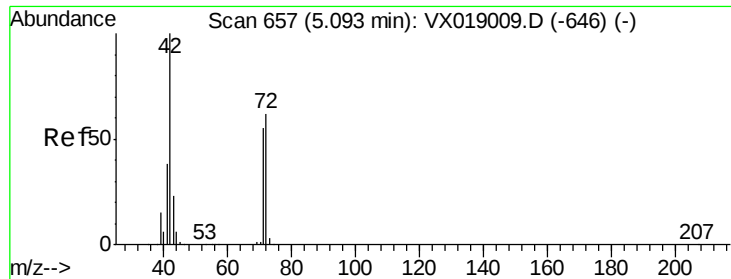


#28

Bromochloromethane
Concen: 48.192 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	96940		
129	2.5		0.0	5.2
130	100.3		79.0	118.6





#29

Tetrahydrofuran

Concen: 247.370 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

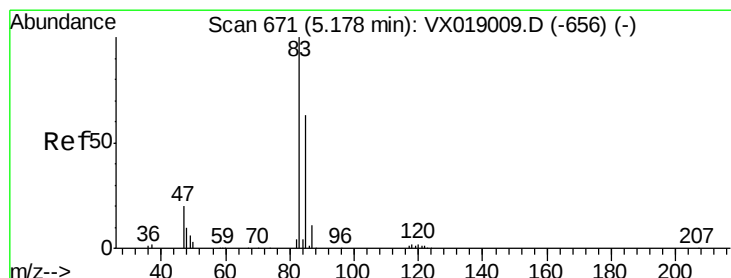
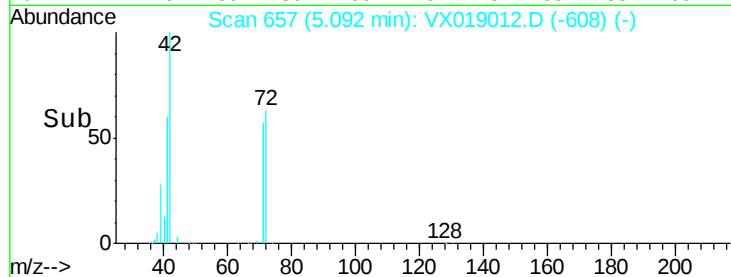
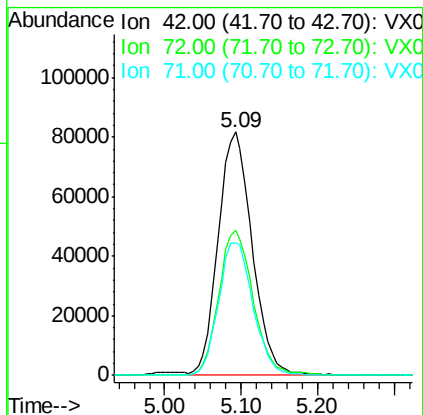
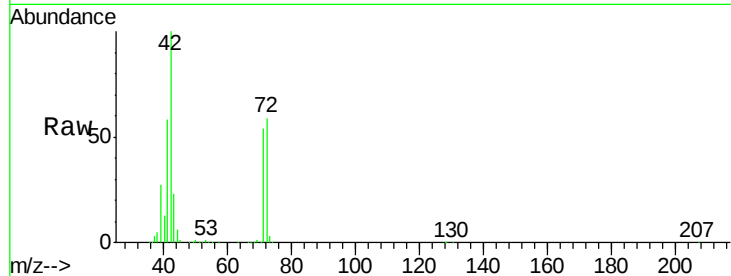
ClientSampleId :

ICVVX102120

Tot Ion:	42	Resp:	249710
Ion	Ratio	Lower	Upper
42	100		
72	61.0	49.1	73.7
71	55.9	44.2	66.4

Manual Integrations
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#30

Chloroform

Concen: 50.483 ug/l

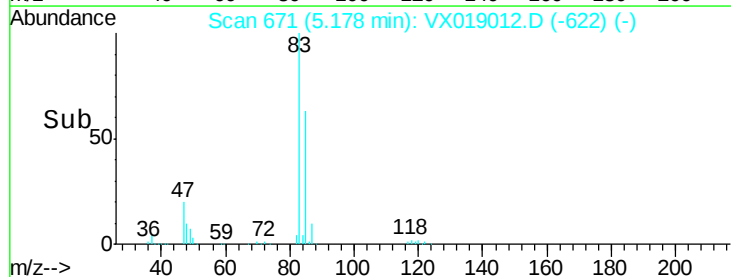
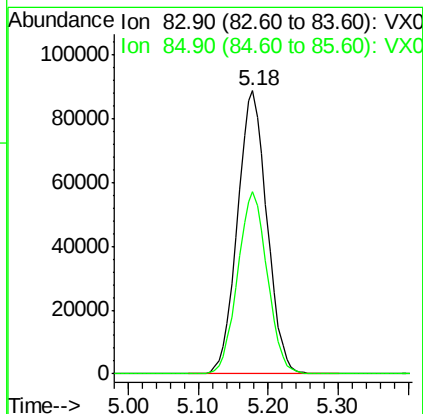
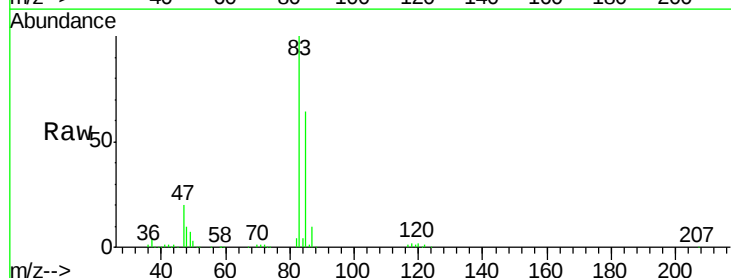
RT: 5.18 min Scan# 671

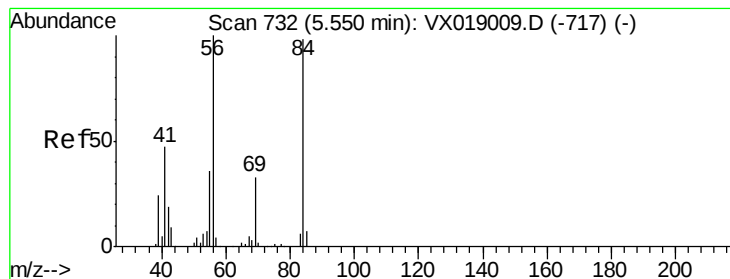
Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Tgt Ion:	83	Resp:	259633
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.5	75.7





#31

Cyclohexane

Concen: 47.395 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

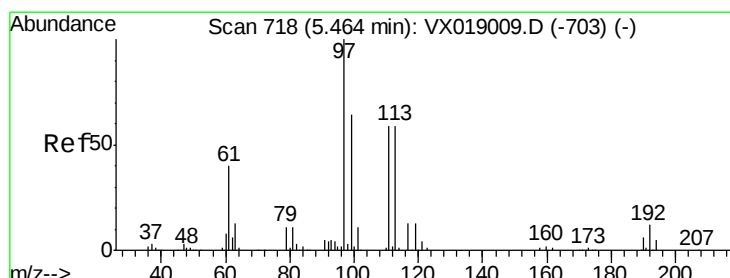
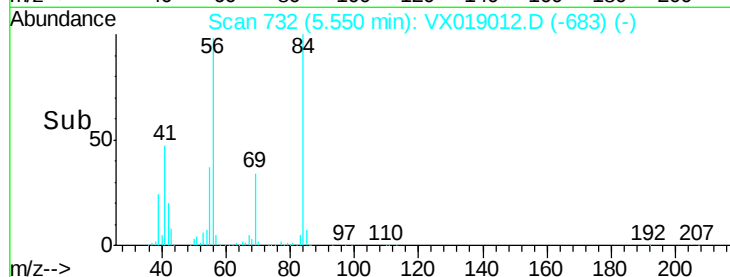
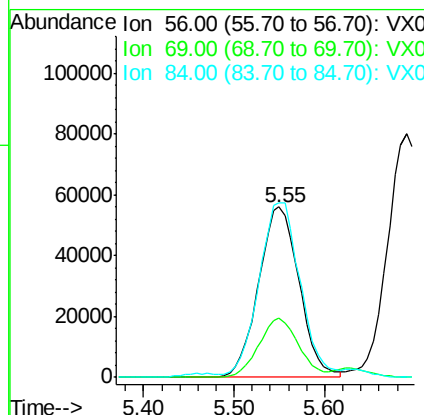
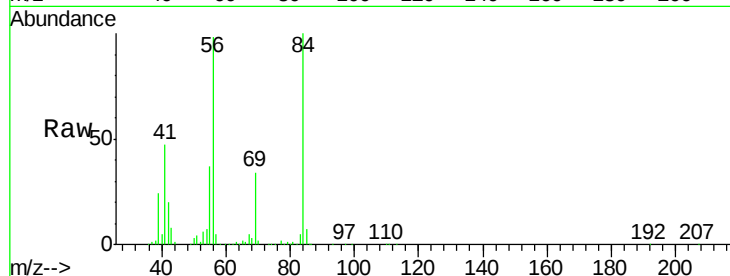
ClientSampleId :

ICVX102120

Tot Ion:	56	Resp:	174169
Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.2	39.2
84	100.5	78.3	117.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.721 ug/l

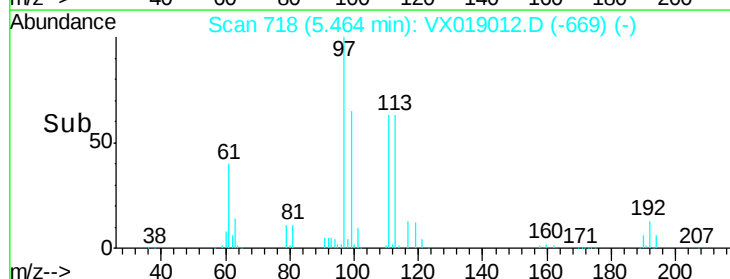
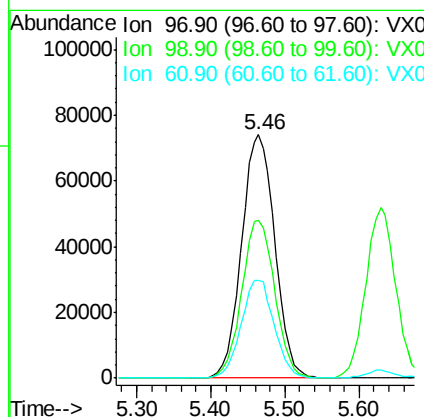
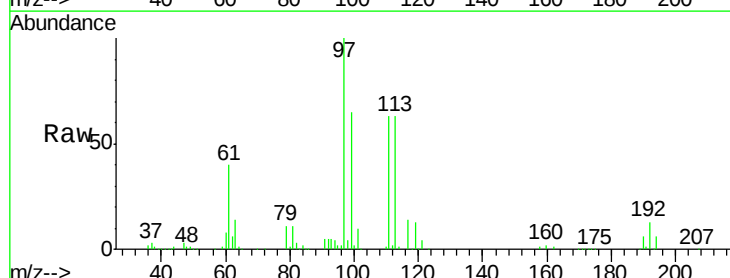
RT: 5.46 min Scan# 718

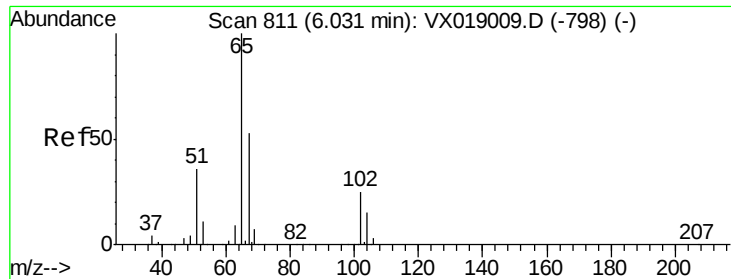
Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Tgt Ion:	97	Resp:	231920
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	40.1	31.9	47.9





#33

1,2-Dichloroethane-d4

Concen: 48.021 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion: 65 Resp: 150696

Ion Ratio Lower Upper

65 100

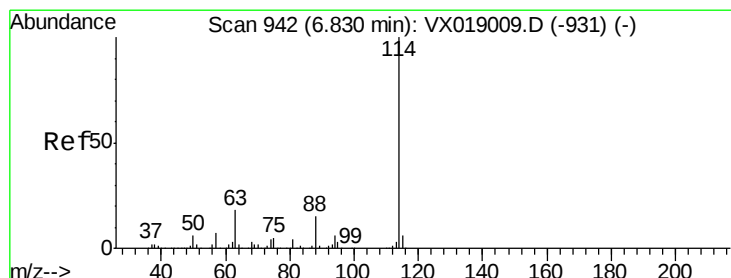
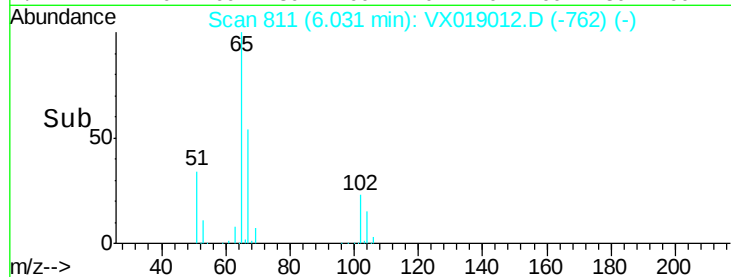
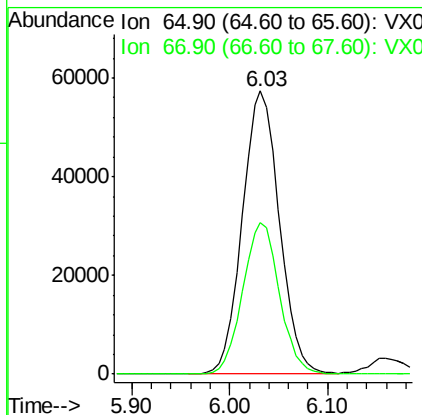
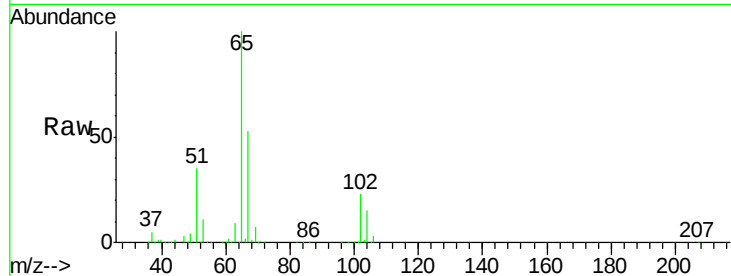
67 53.0 0.0 107.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

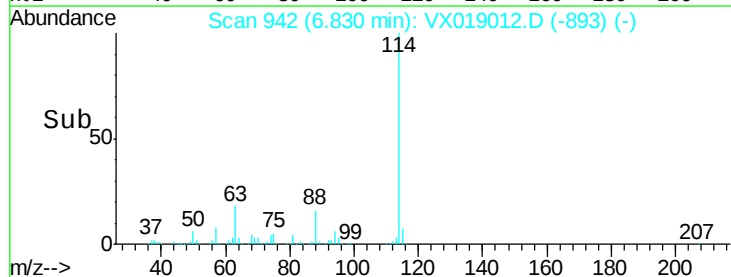
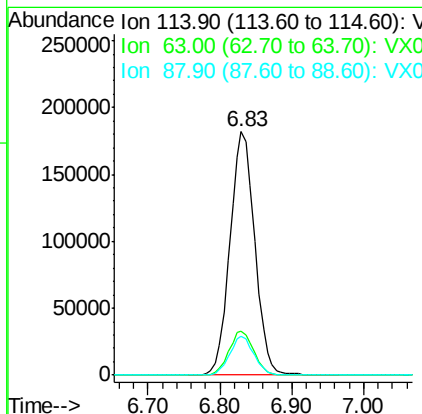
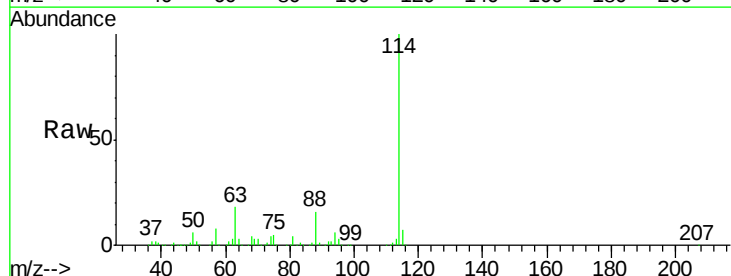
Tgt Ion: 114 Resp: 435885

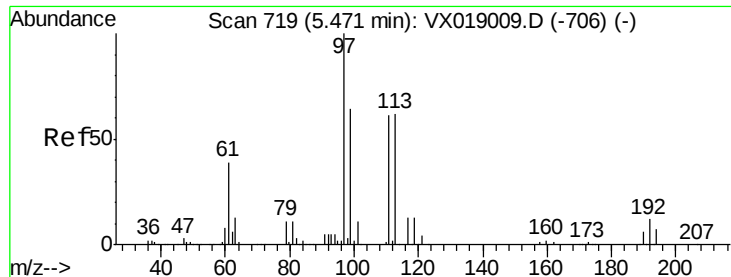
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

88 15.9 0.0 30.2





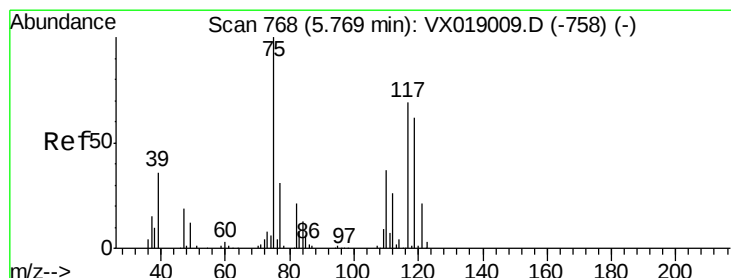
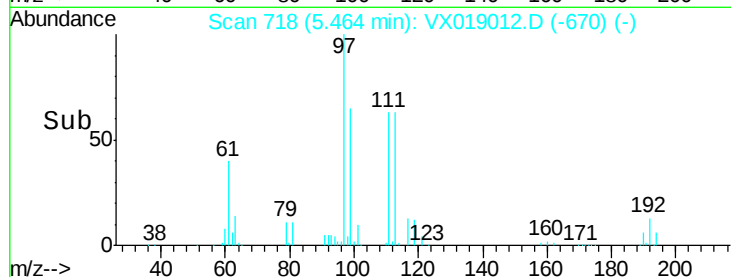
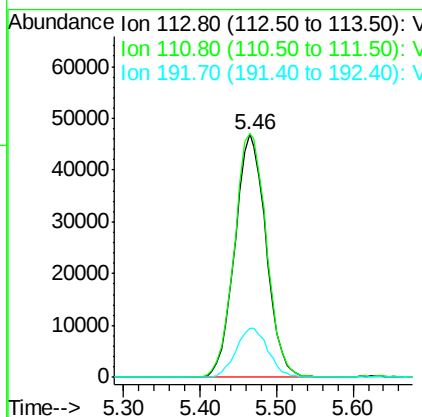
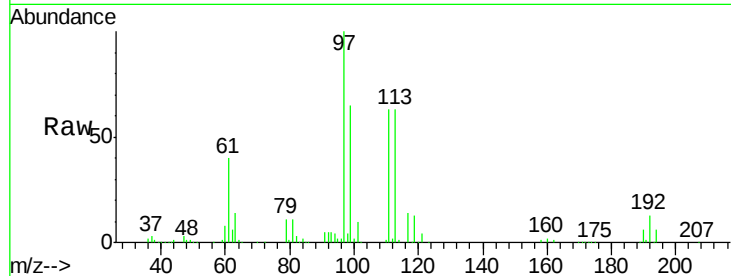
#35
 Dibromofluoromethane
 Concen: 48.014 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102120

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	20.8	16.3	24.5

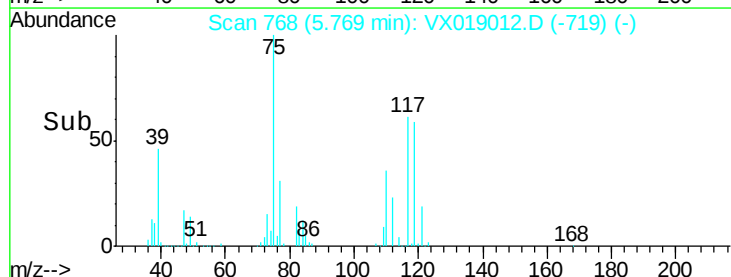
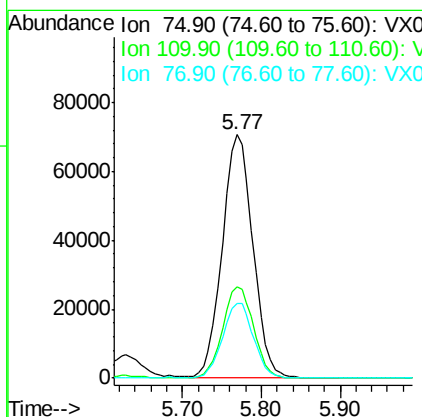
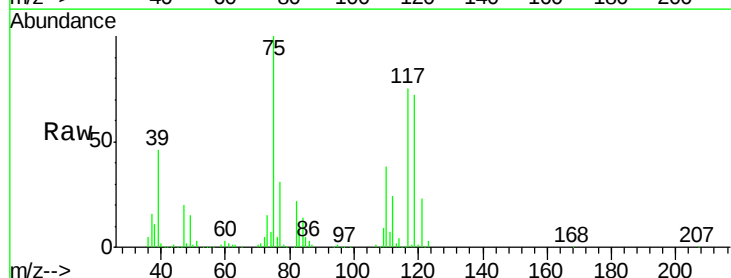
Manual Integrations
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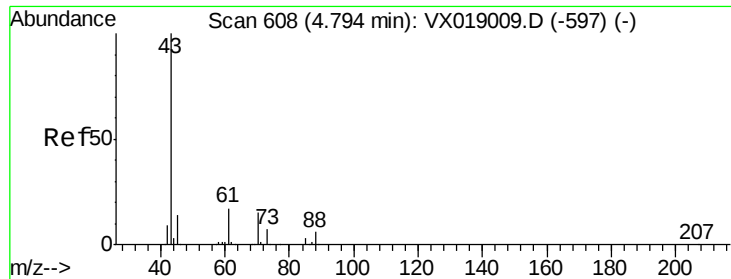
MMDadoda
 10/23/2020 1:52:44 PM



#36
 1,1-Dichloropropene
 Concen: 48.802 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	19.4	58.2
77	30.9	25.2	37.8





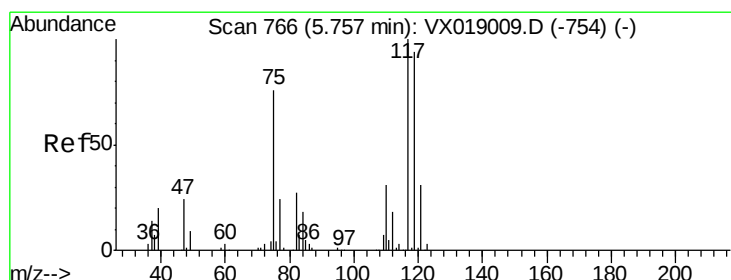
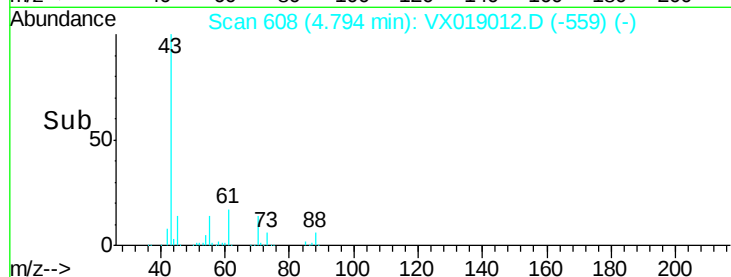
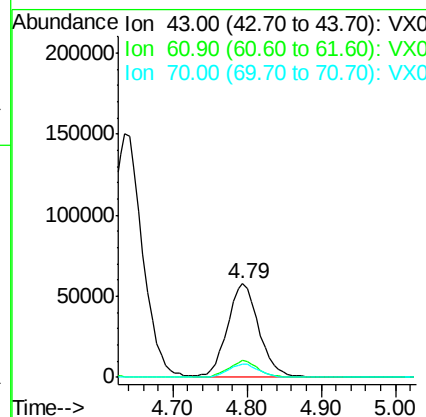
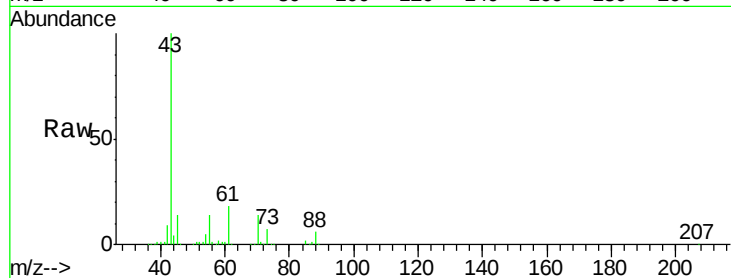
#37
Ethyl Acetate
Concen: 50.616 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	13.8	20.8
70	14.2	11.4	17.2

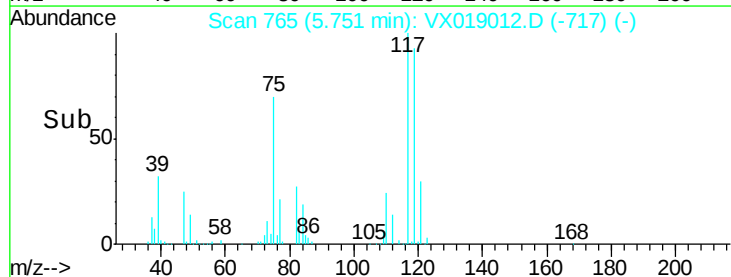
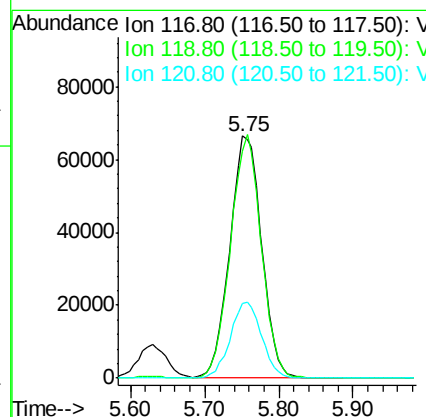
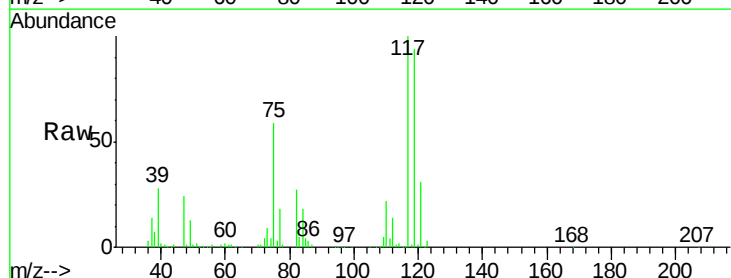
Manual Integrations
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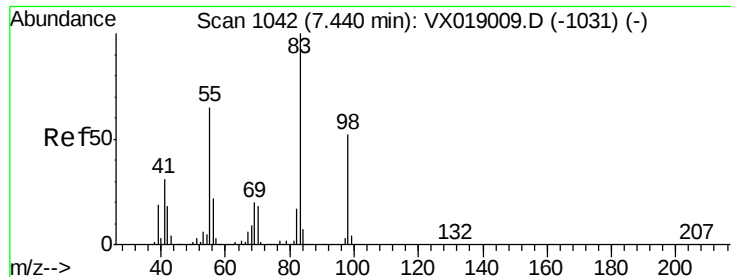
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.401 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.4	113.0
121	30.6	25.0	37.6





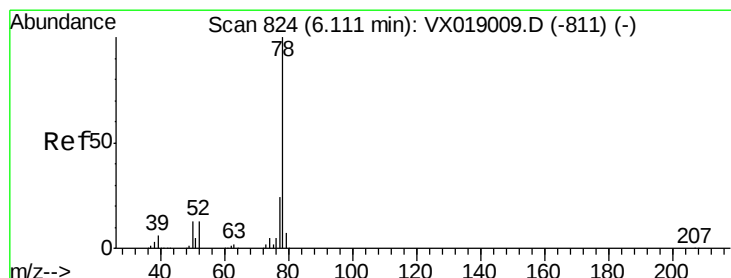
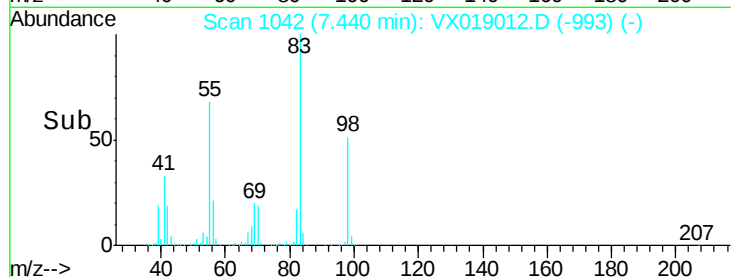
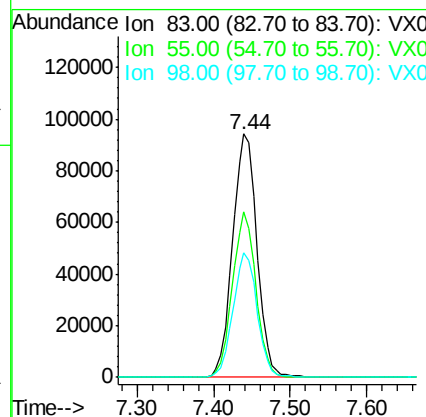
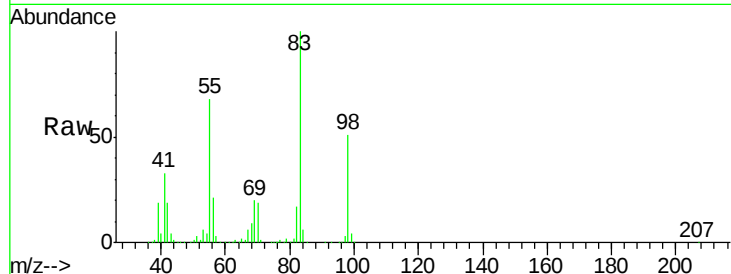
#39
Methvlcvclohexane
Concen: 47.393 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.9	51.8	77.6
98	51.0	41.4	62.2

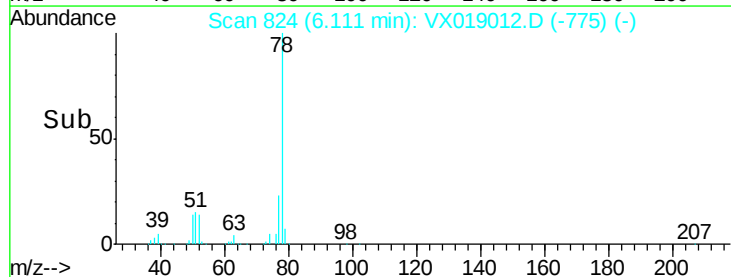
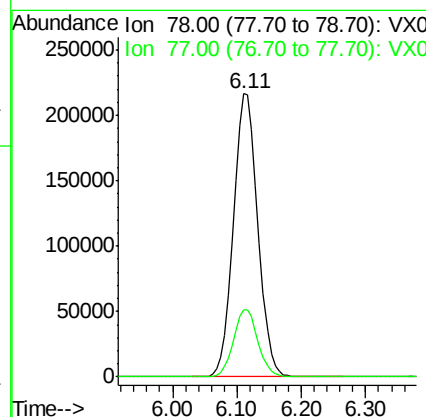
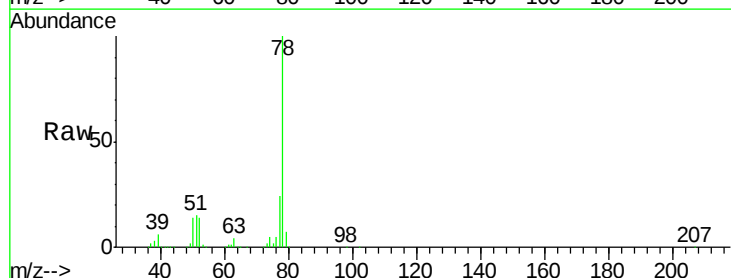
Manual Integrations
APPROVED

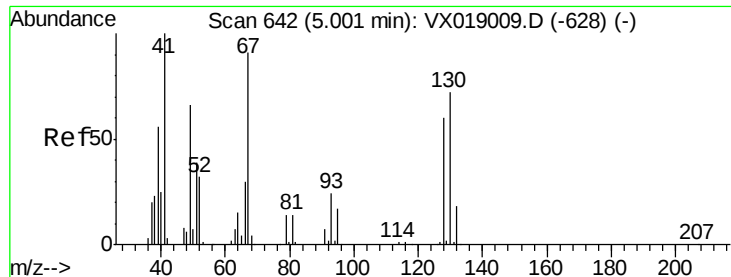
MMDadoda
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#40
Benzene
Concen: 49.844 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#41

Methacrylonitrile

Concen: 49.273 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion: 41 Resp: 88356

Ion Ratio Lower Upper

41 100

39 57.4 44.6 67.0

67 96.4 76.1 114.1

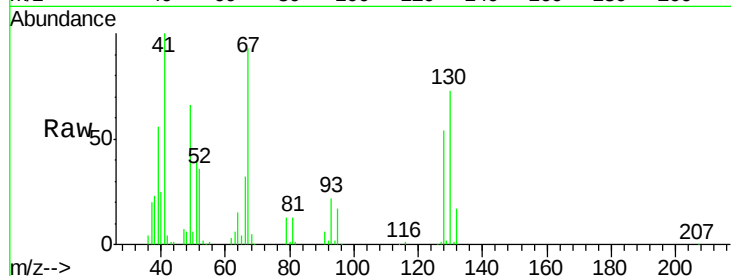
52 35.4 28.3 42.5

Manual Integrations

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10/23/2020 1:52:44 PM

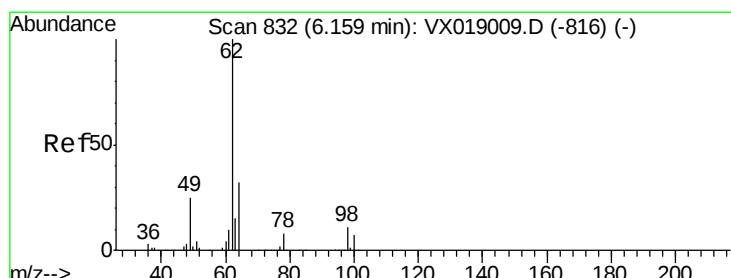
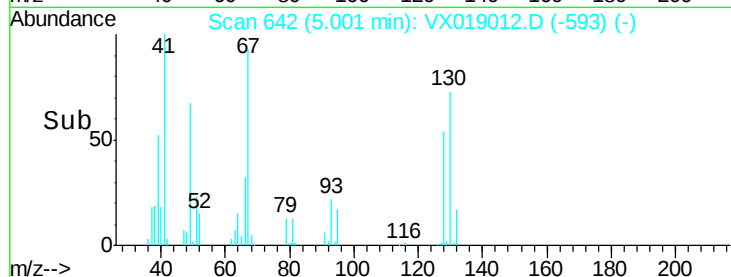
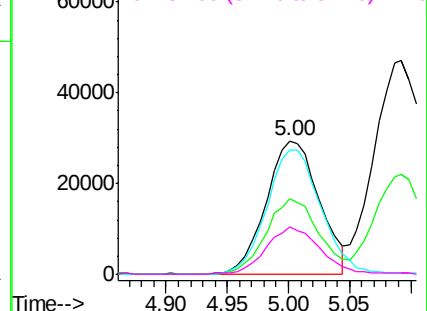


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.084 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019012.D

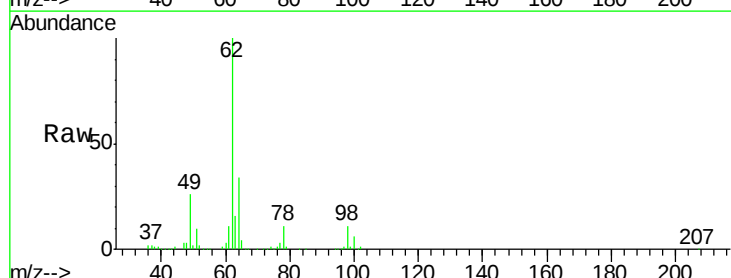
Acq: 21 Oct 2020 20:37

Tgt Ion: 62 Resp: 196884

Ion Ratio Lower Upper

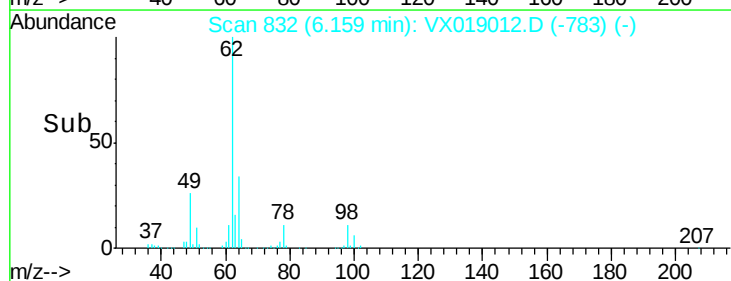
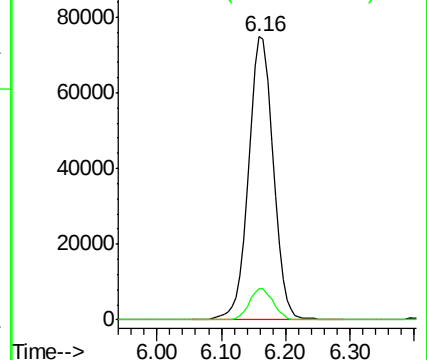
62 100

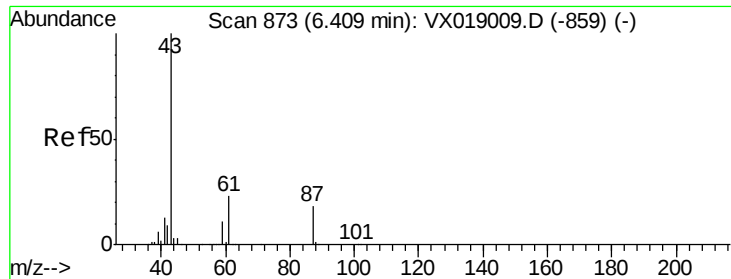
98 10.7 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

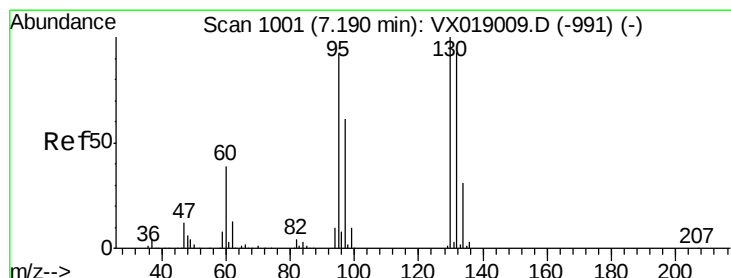
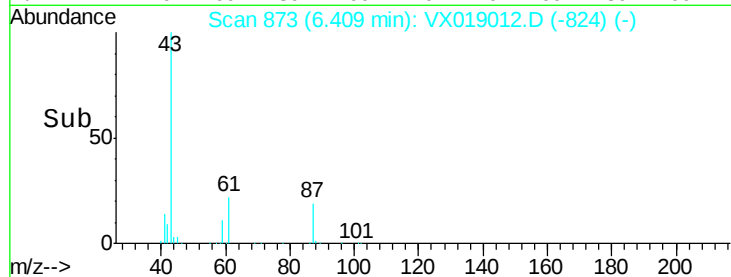
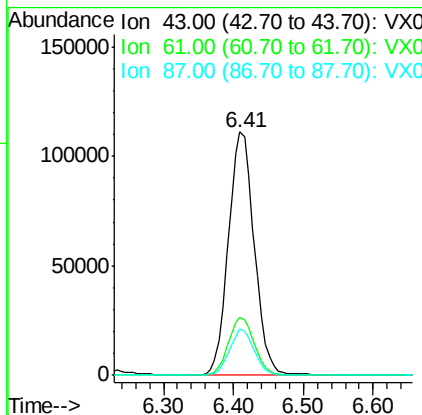
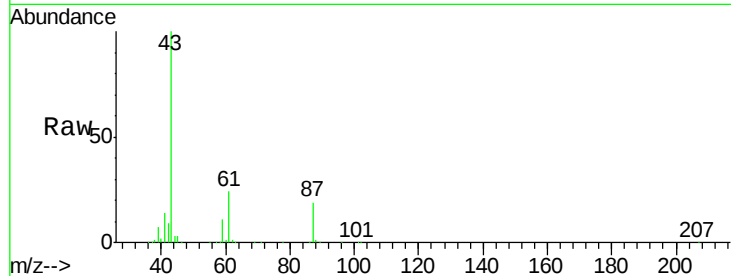
Isopropyl Acetate
 Concen: 50.215 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102120

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.0	18.7	28.1
87	18.2	14.2	21.4

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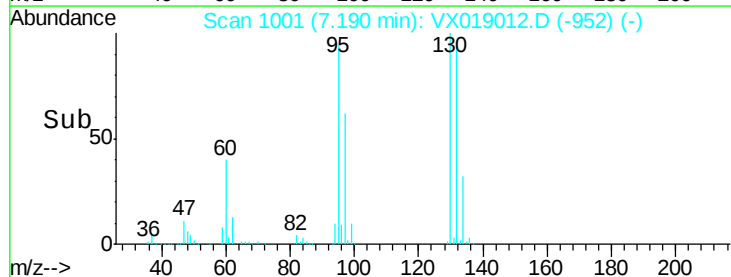
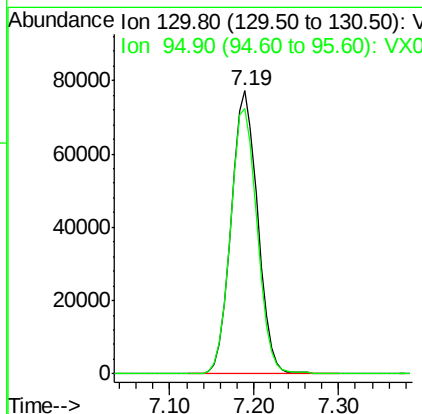
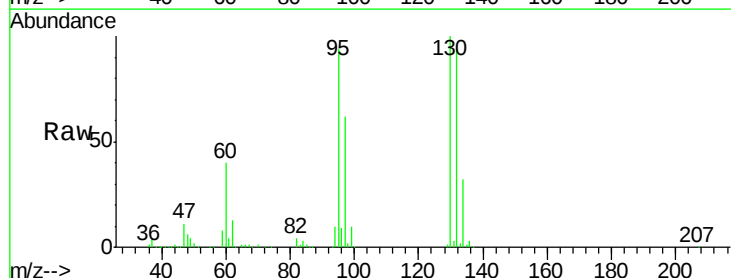
MMDadoda
 10/23/2020 1:52:44 PM

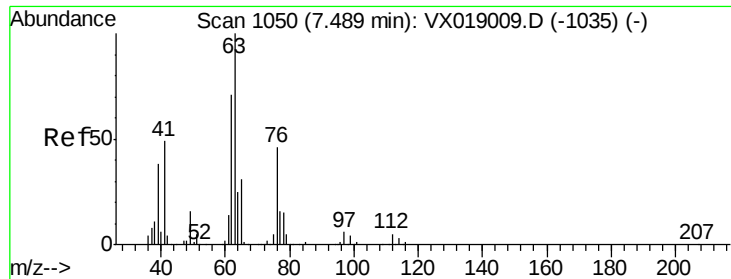


#44

Trichloroethene
 Concen: 48.734 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	184.2





#45

1,2-Dichloropropane

Concen: 50.069 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion: 63 Resp: 138343

Ion Ratio Lower Upper

63 100

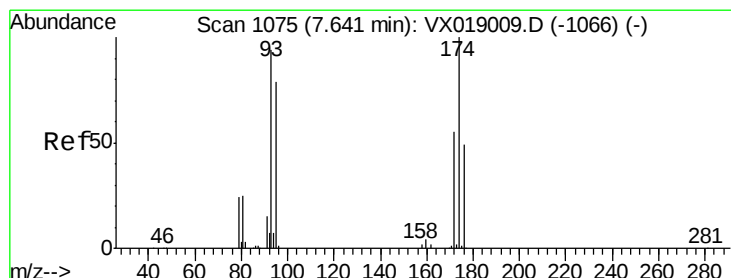
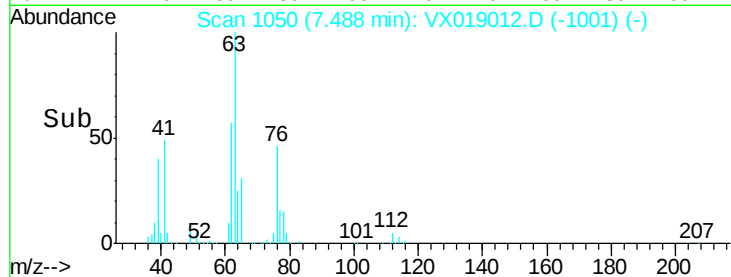
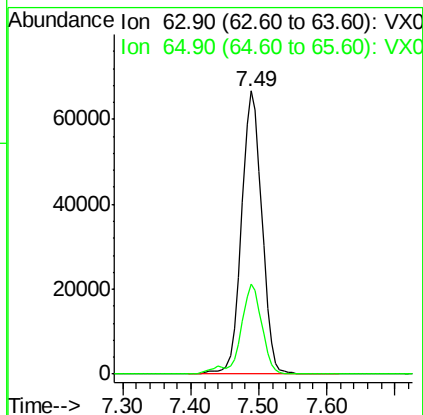
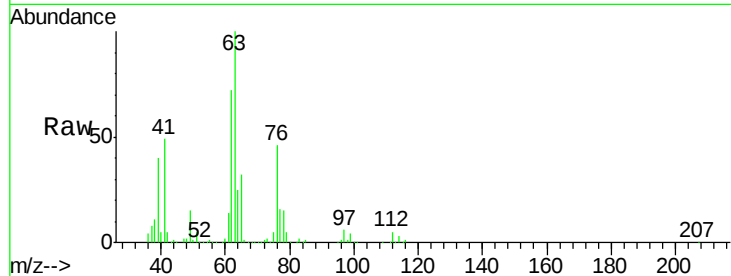
65 31.9 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 49.946 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

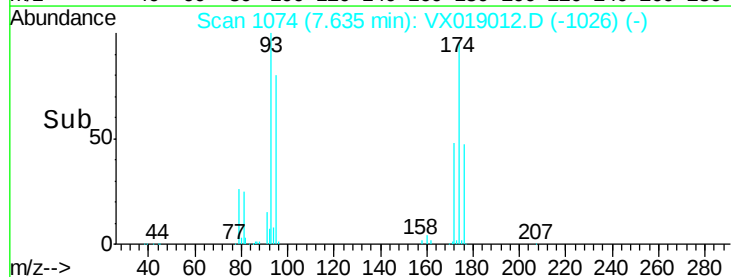
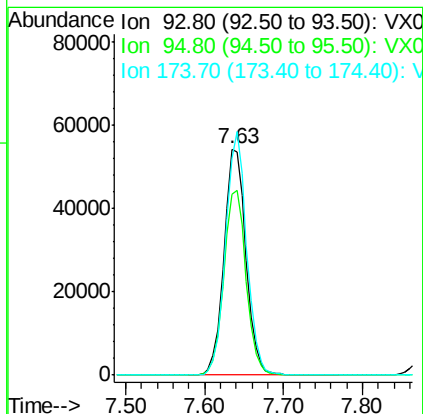
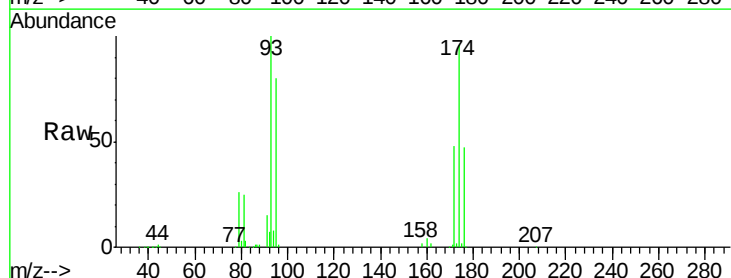
Tgt Ion: 93 Resp: 105109

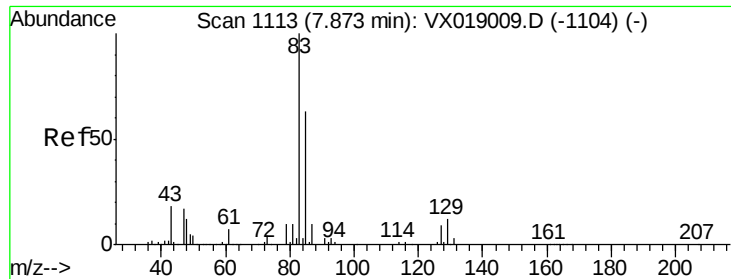
Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 103.0 83.8 125.8





#47

Bromodichloromethane

Concen: 50.482 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

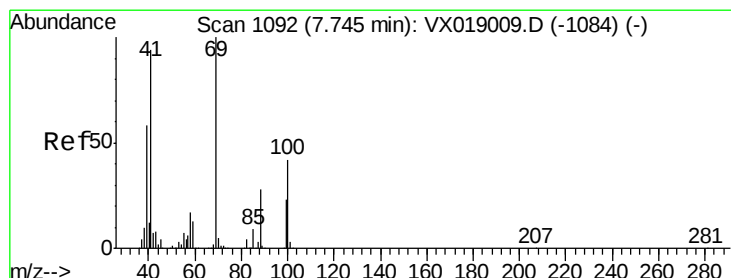
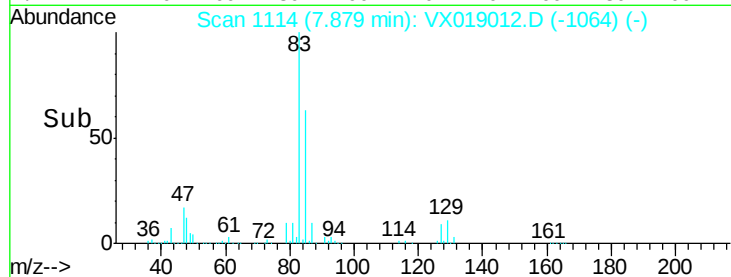
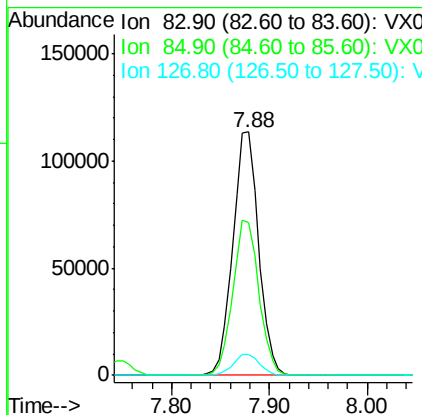
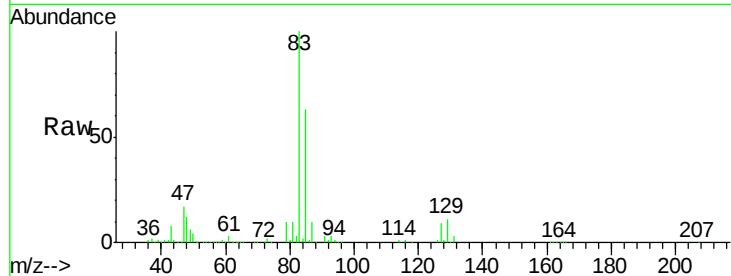
ClientSampleId :

ICVVX102120

Tot Ion:	83	Resp:	208299
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.7	76.1
127	8.7	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.899 ug/l

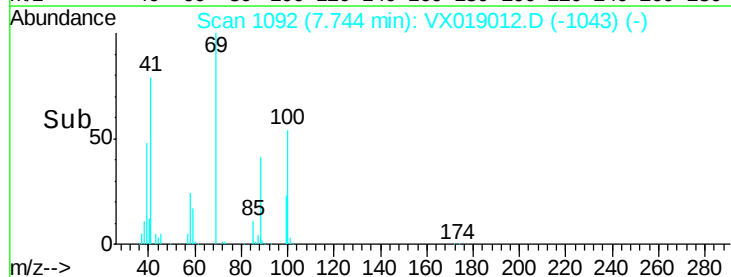
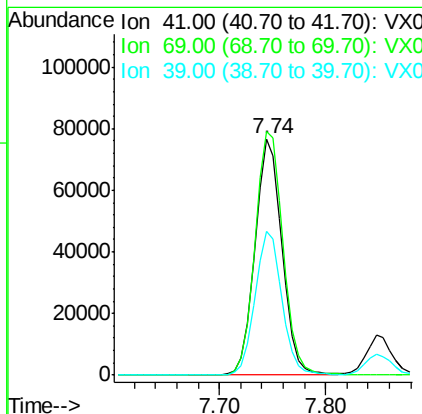
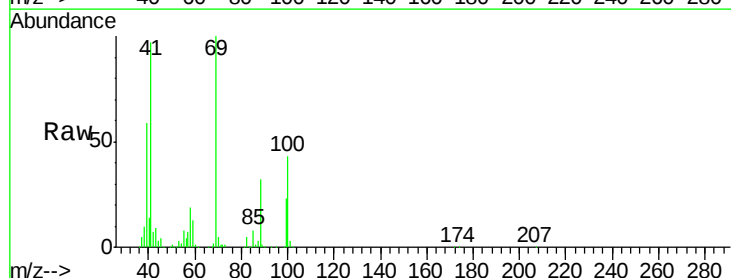
RT: 7.74 min Scan# 1092

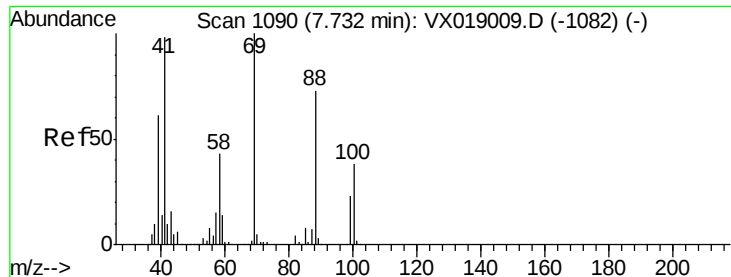
Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Tgt Ion:	41	Resp:	136219
Ion	Ratio	Lower	Upper
41	100		
69	106.6	85.5	128.3
39	60.5	49.3	73.9





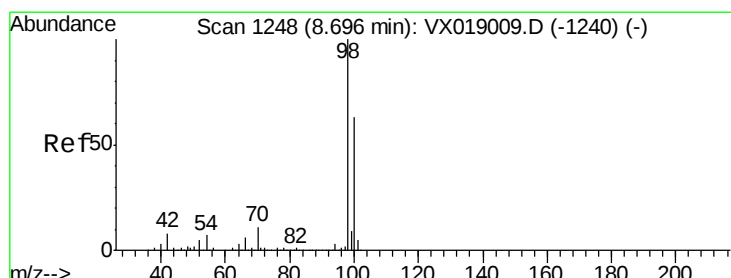
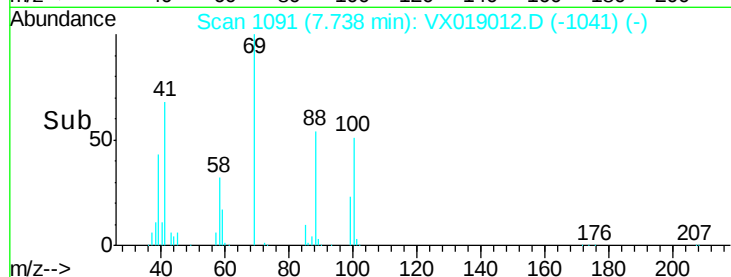
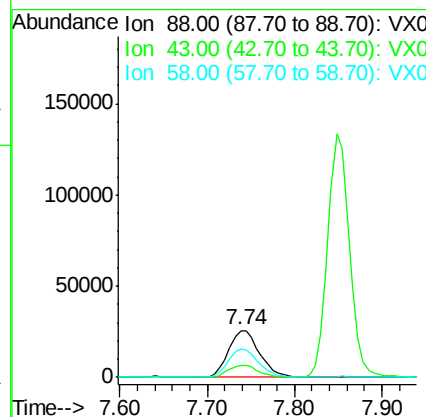
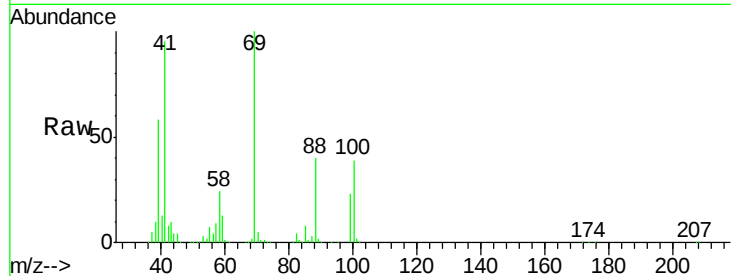
#49
1,4-Dioxane
Concen: 1004.977 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.0	20.3	30.5
58	60.2	48.4	72.6

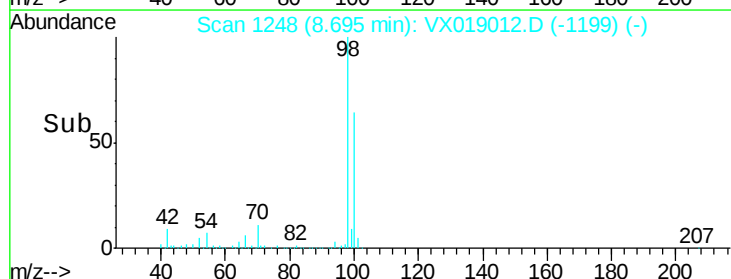
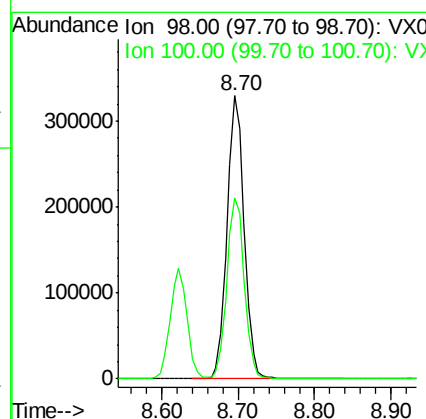
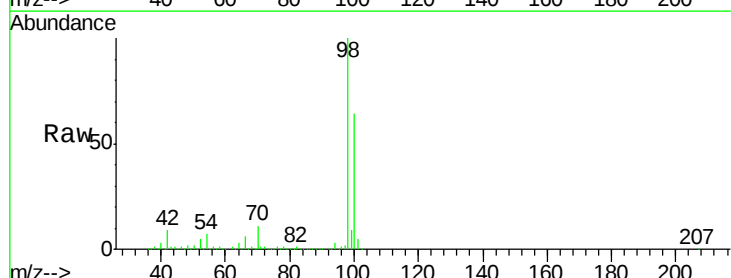
Manual Integrations
APPROVED

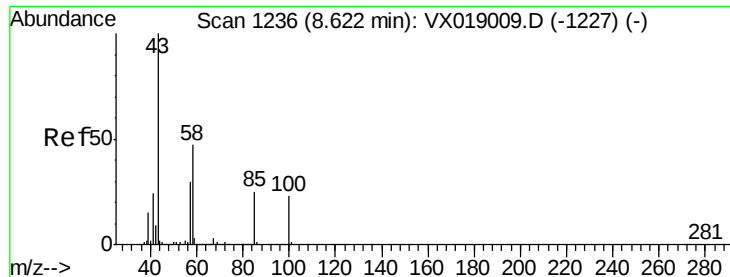
MMDadoda
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#50
Toluene-d8
Concen: 48.336 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 261.220 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion: 43 Resp: 870246

Ion Ratio Lower Upper

43 100

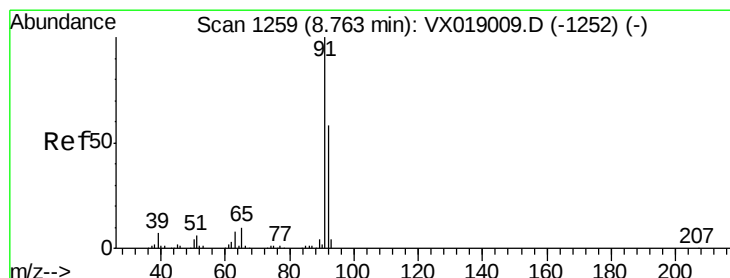
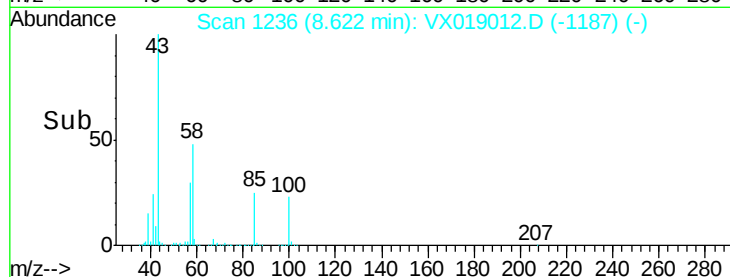
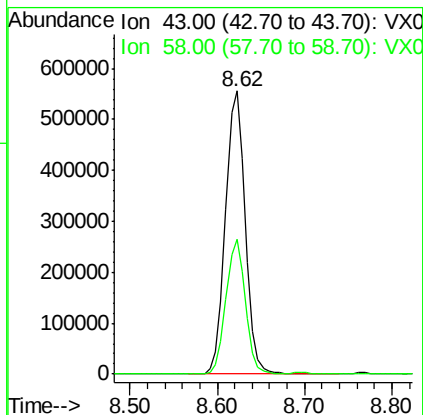
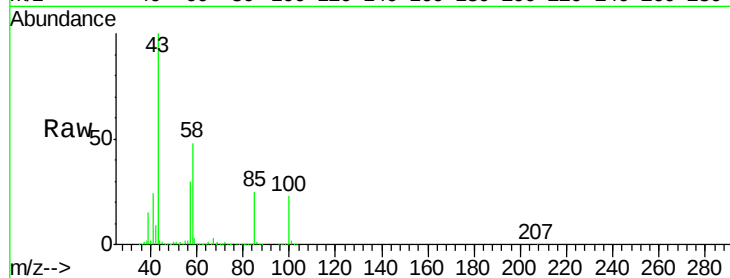
58 46.6 37.4 56.0

Manual Integrations

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#52

Toluene

Concen: 50.003 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019012.D

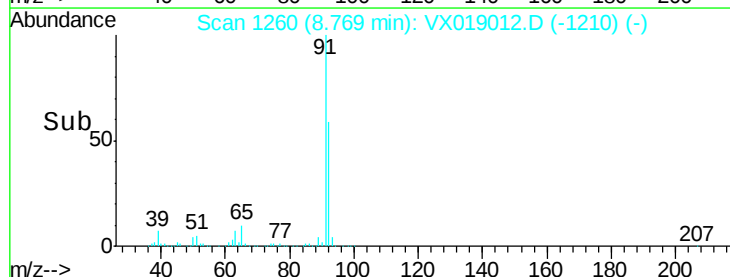
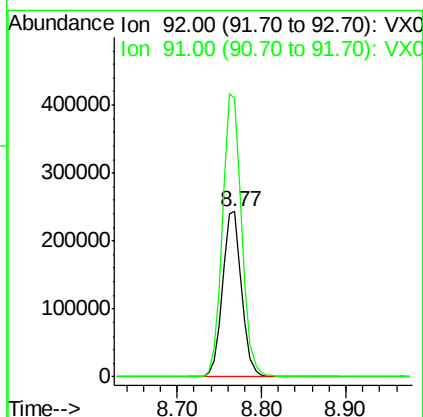
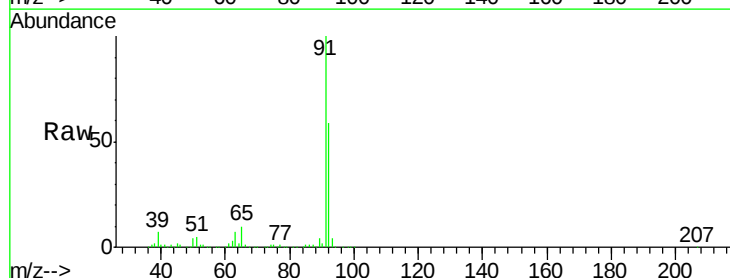
Acq: 21 Oct 2020 20:37

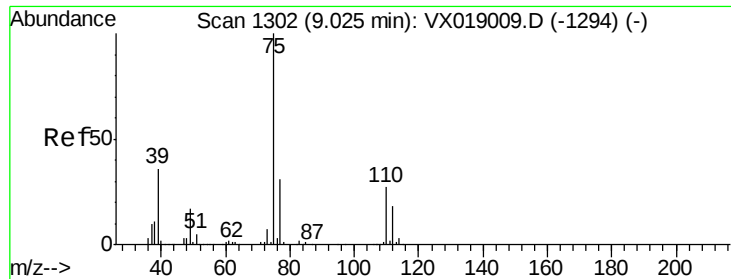
Tgt Ion: 92 Resp: 380428

Ion Ratio Lower Upper

92 100

91 172.6 138.6 208.0





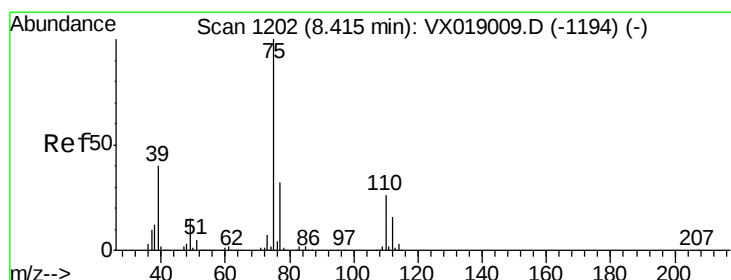
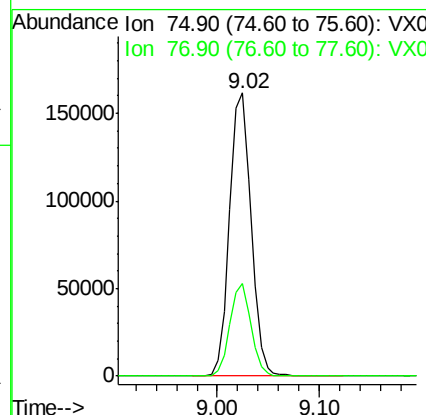
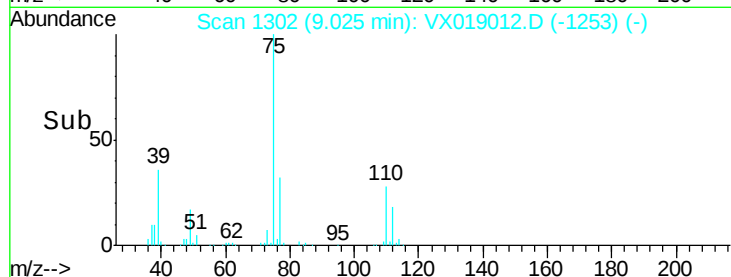
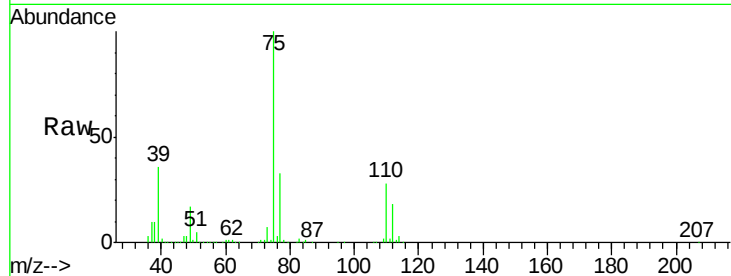
#53
t-1,3-Dichloropropene
Concen: 50.832 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.1	37.7

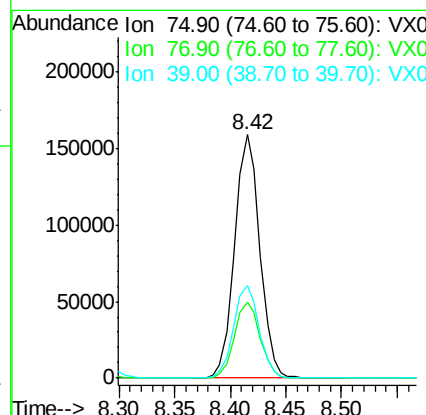
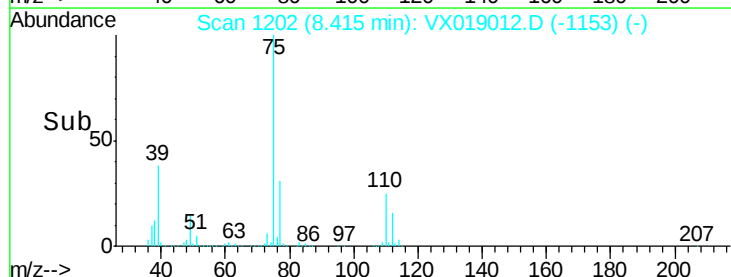
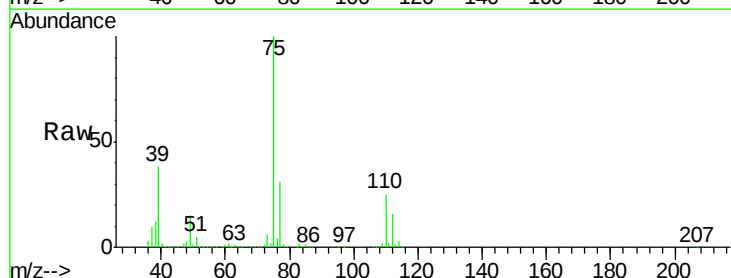
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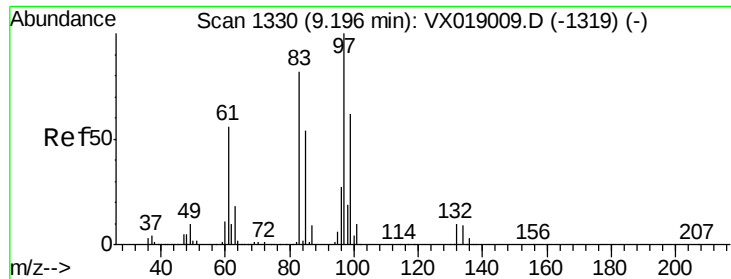
MMDadoda
10/23/2020 1:52:44 PM



#54
cis-1,3-Dichloropropene
Concen: 50.548 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.9	38.9
39	38.1	31.7	47.5





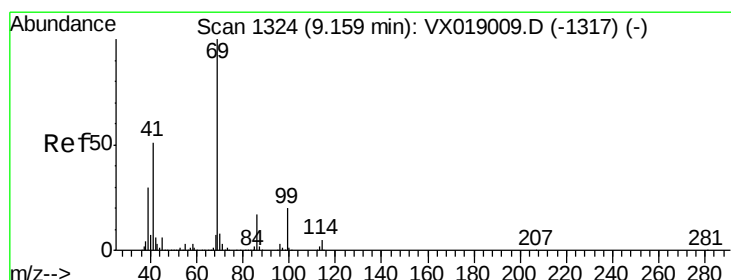
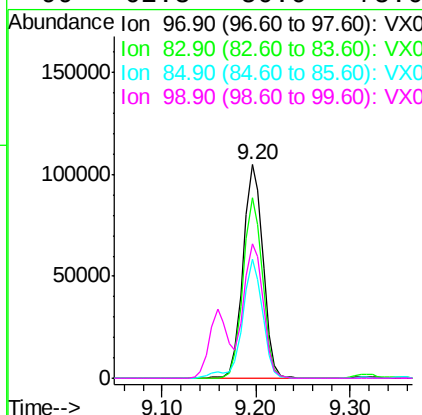
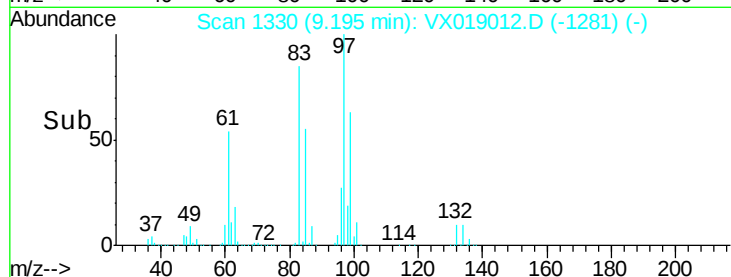
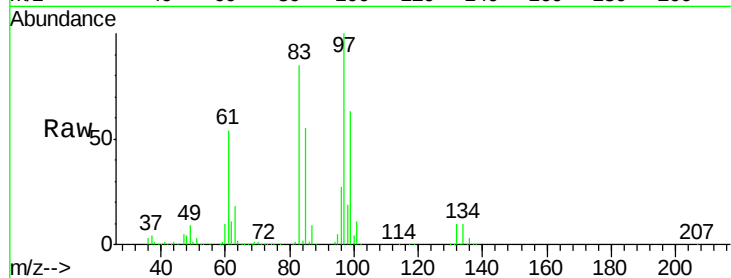
#55
 1,1,2-Trichloroethane
 Concen: 49.909 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102120

Tot Ion:	97	Resp:	154794
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.4	98.2
85	55.5	43.3	64.9
99	62.8	50.0	75.0

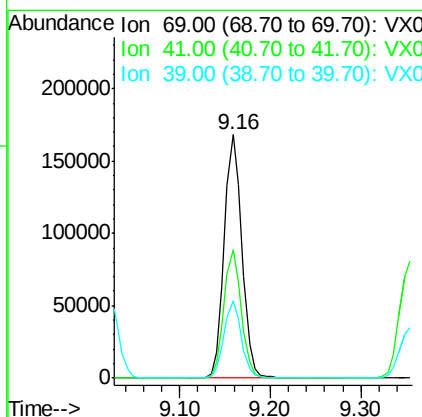
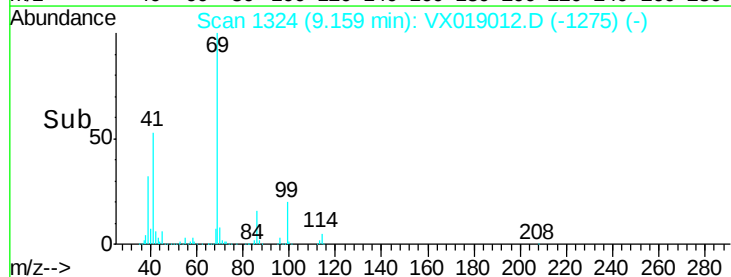
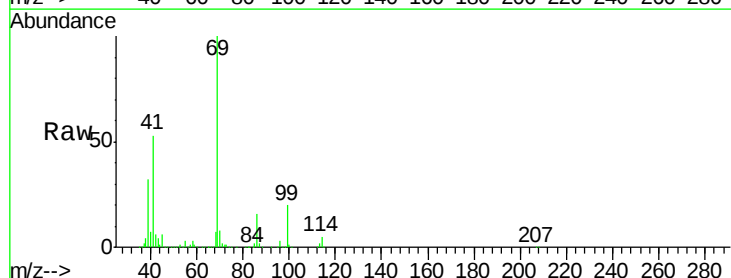
Manual Integrations
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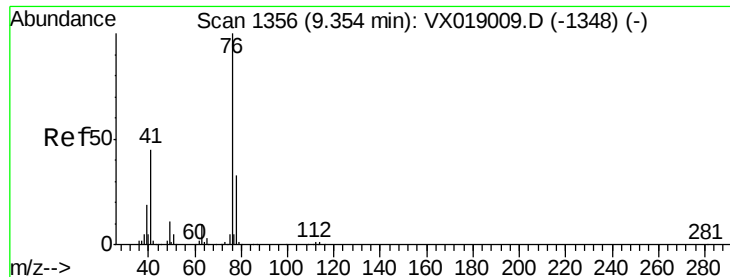
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 10/23/2020 1:52:44 PM



#56
 Ethyl methacrylate
 Concen: 51.415 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Tgt Ion:	69	Resp:	229419
Ion	Ratio	Lower	Upper
69	100		
41	51.7	41.1	61.7
39	31.3	24.6	37.0





#57

1,3-Dichloropropane

Concen: 51.060 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion: 76 Resp: 251362

Ion Ratio Lower Upper

76 100

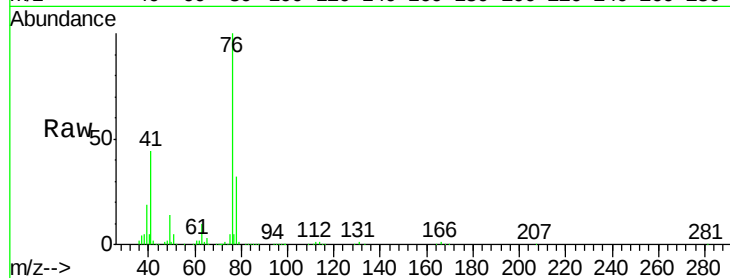
78 32.4 26.2 39.4

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

9.35

200000

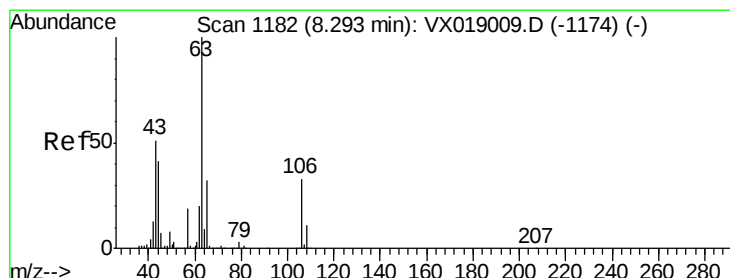
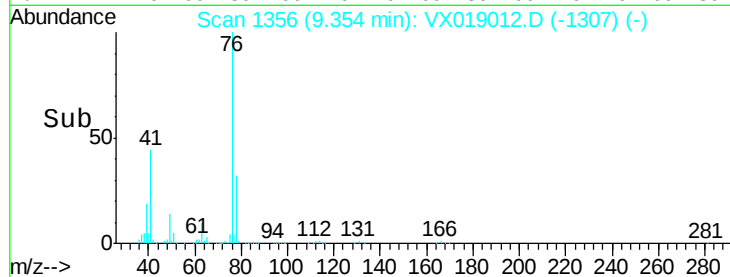
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 252.730 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019012.D

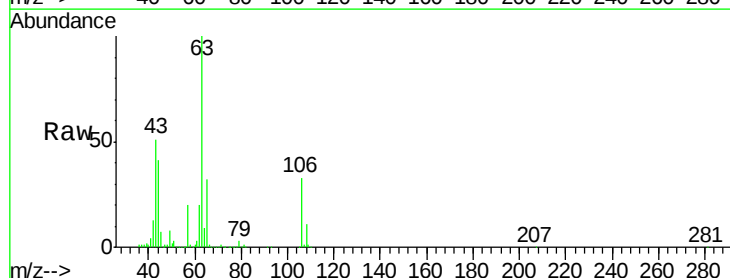
Acq: 21 Oct 2020 20:37

Tgt Ion: 63 Resp: 592402

Ion Ratio Lower Upper

63 100

106 32.4 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

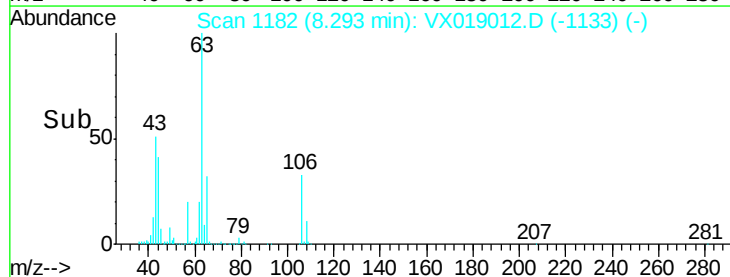
300000

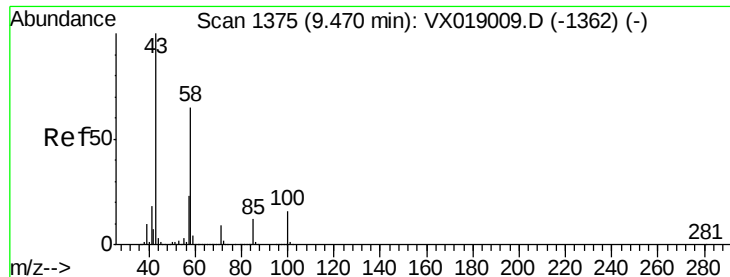
200000

100000

0

Time-->





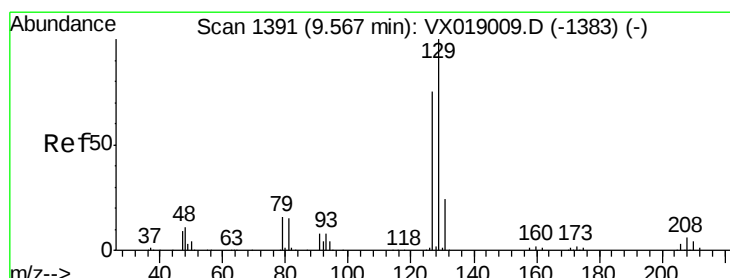
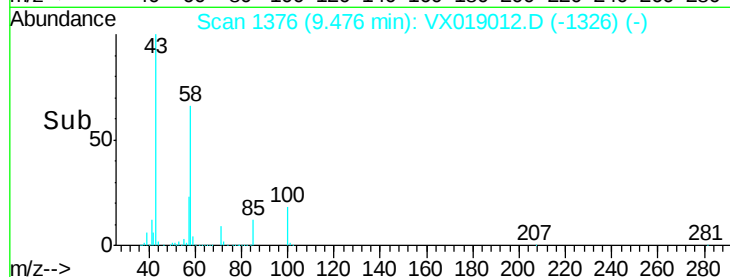
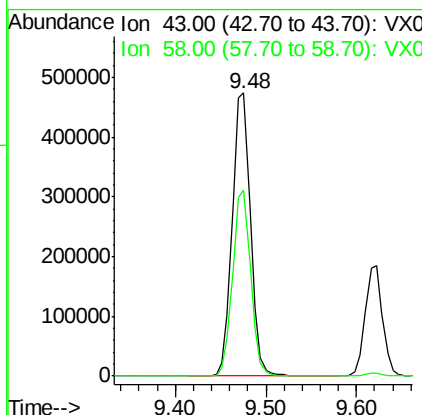
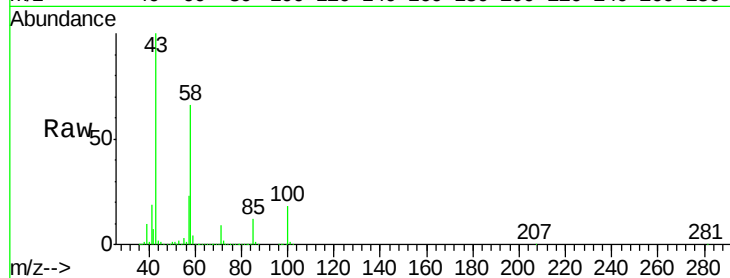
#59
2-Hexanone
Concen: 266.790 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.2	32.8	98.4

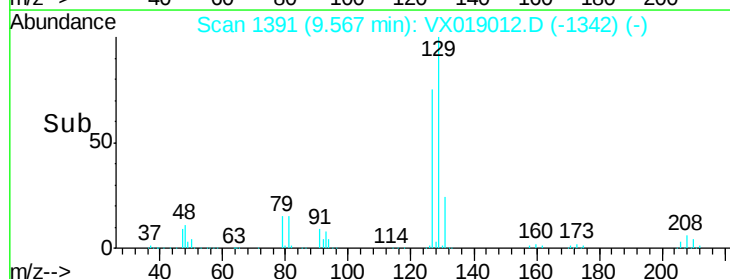
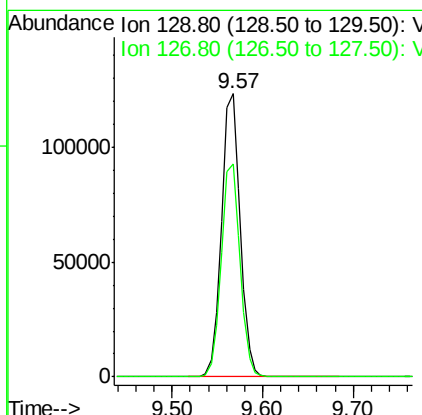
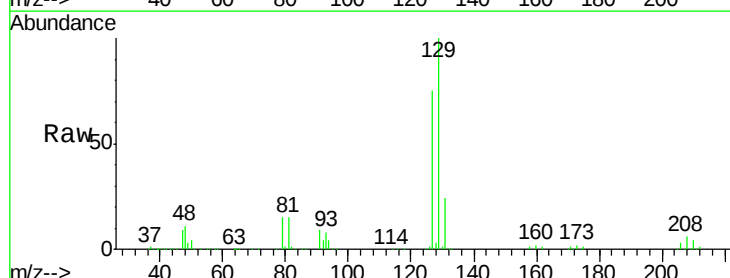
Manual Integrations
APPROVED

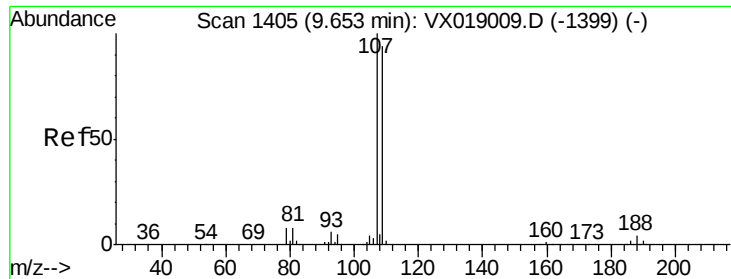
MMDadoda
10/23/2020 1:52:44 PM



#60
Dibromochloromethane
Concen: 52.234 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.6	115.7





#61

1,2-Dibromoethane

Concen: 50.274 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion:107 Resp: 166830

Ion Ratio Lower Upper

107 100

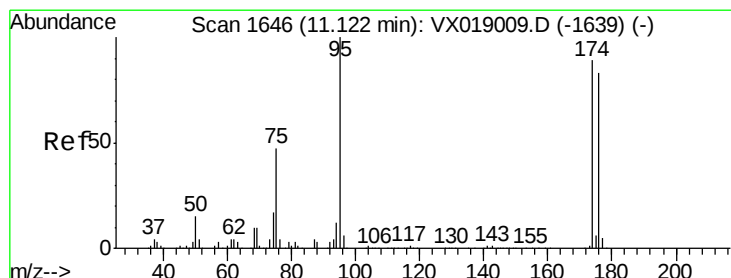
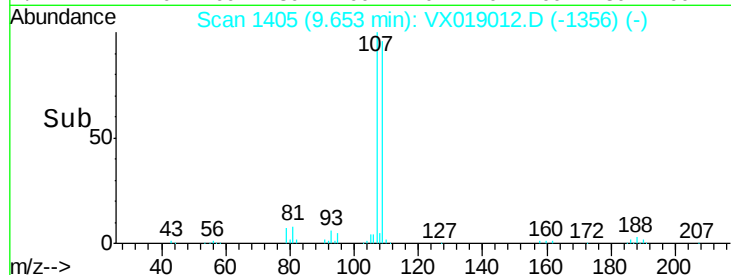
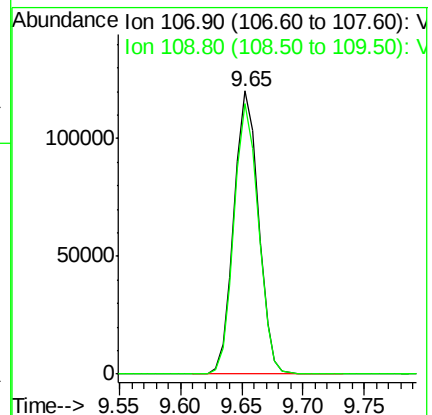
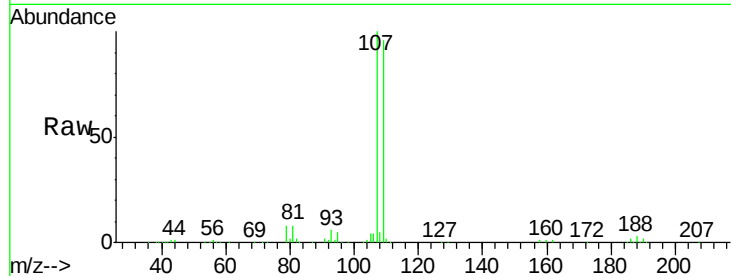
109 95.0 75.0 112.6

Manual Integrations

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10/23/2020 1:52:44 PM



#62

4-Bromofluorobenzene

Concen: 49.974 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

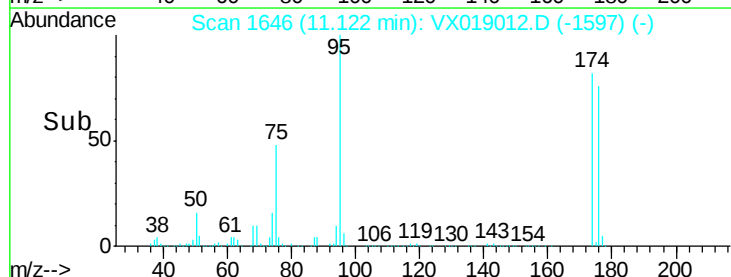
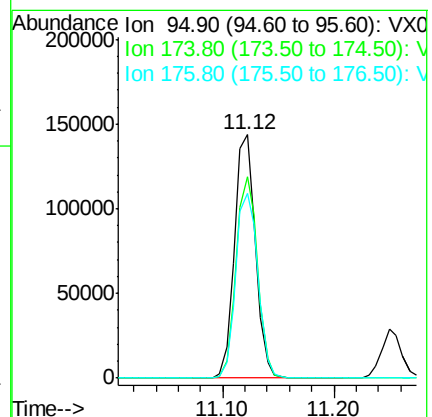
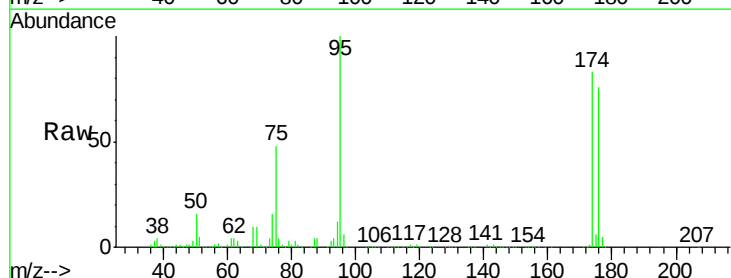
Tgt Ion: 95 Resp: 187202

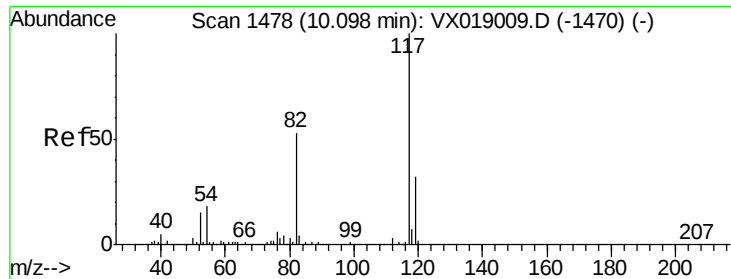
Ion Ratio Lower Upper

95 100

174 84.5 0.0 167.6

176 80.1 0.0 165.2





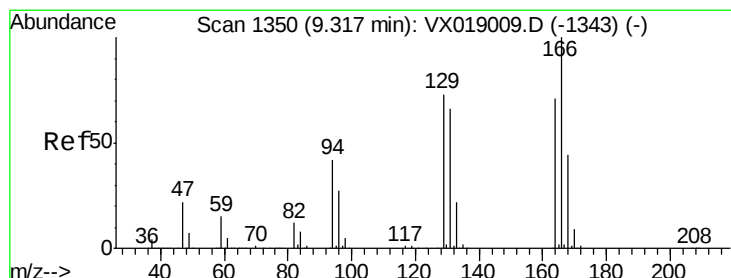
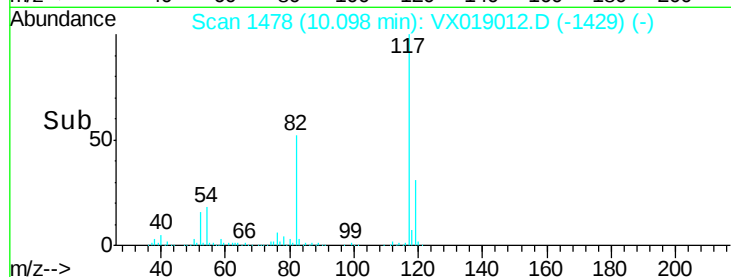
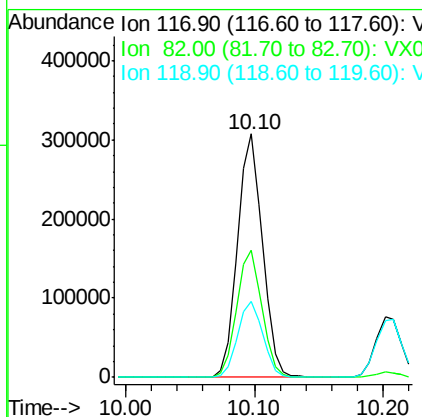
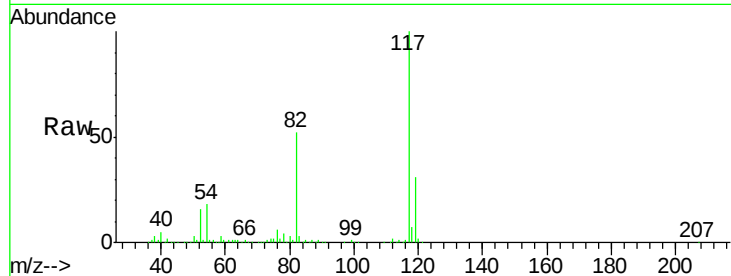
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.4	63.6
119	31.1	25.6	38.4

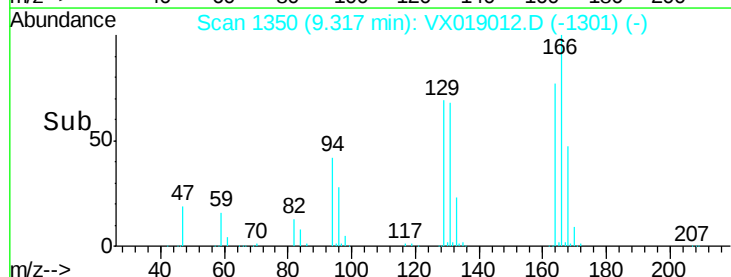
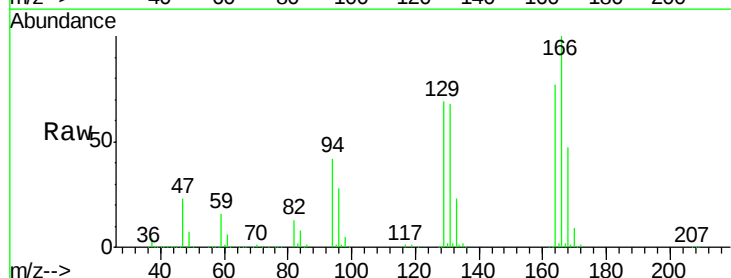
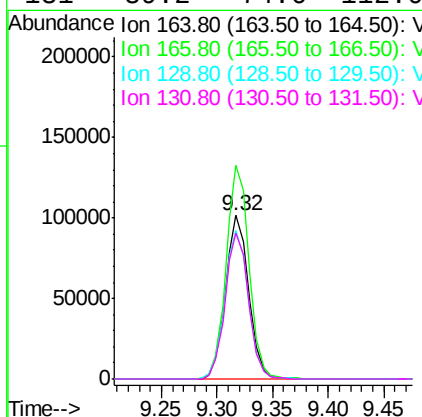
Manual Integrations
APPROVED

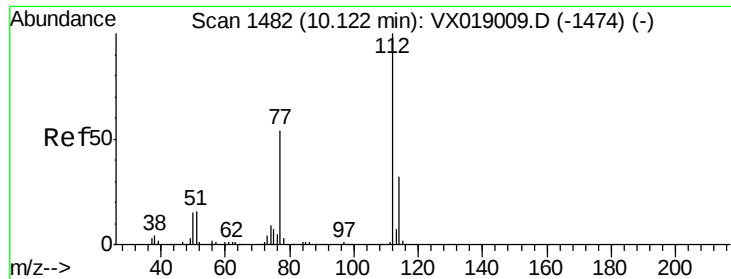
MMDadoda
10/23/2020 1:52:44 PM



#64
Tetrachloroethene
Concen: 46.128 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	112.2	168.4
129	90.5	81.8	122.8
131	89.2	74.6	112.0





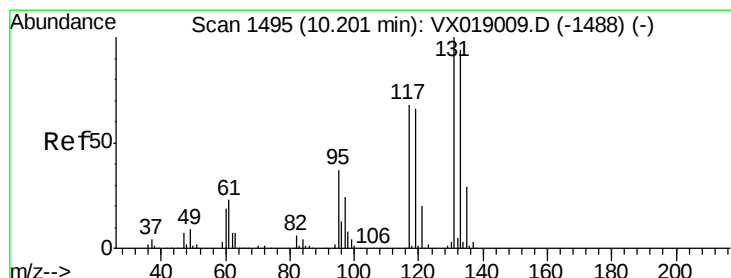
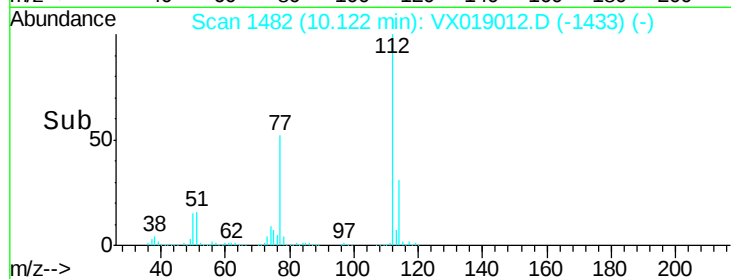
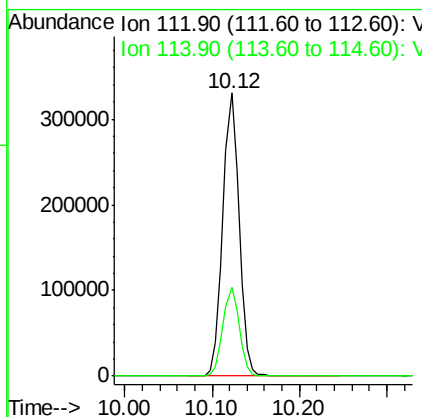
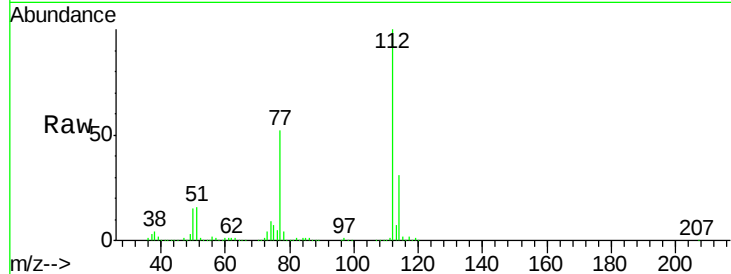
#65
Chlorobenzene
Concen: 48.981 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.5	38.3

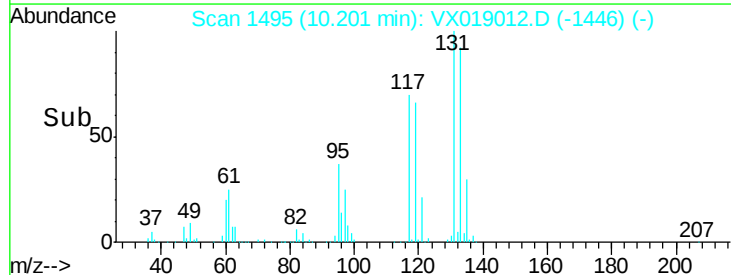
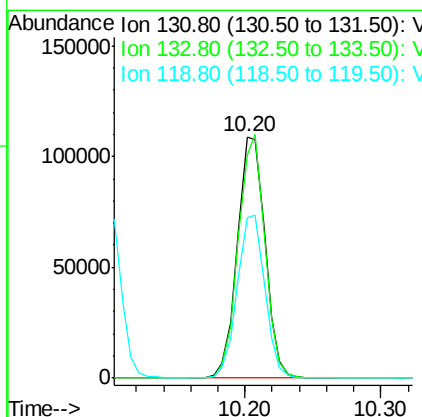
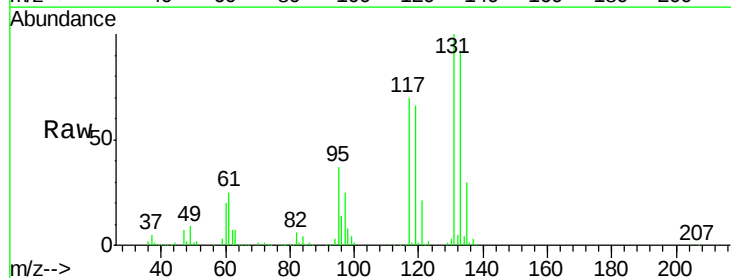
Manual Integrations
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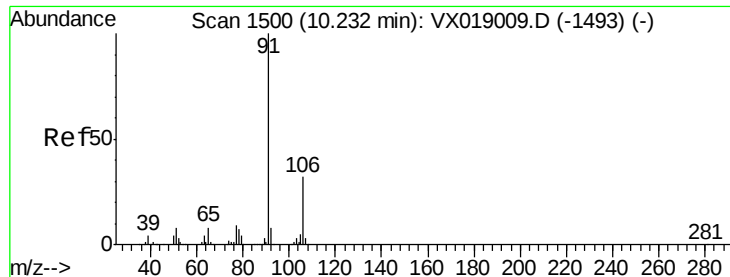
MMDadoda
10/23/2020 1:52:44 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.043 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.0	141.2
119	67.3	32.9	98.7





#67

Ethyl Benzene

Concen: 48.191 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX102120

Tot Ion: 91 Resp: 721257

Ion Ratio Lower Upper

91 100

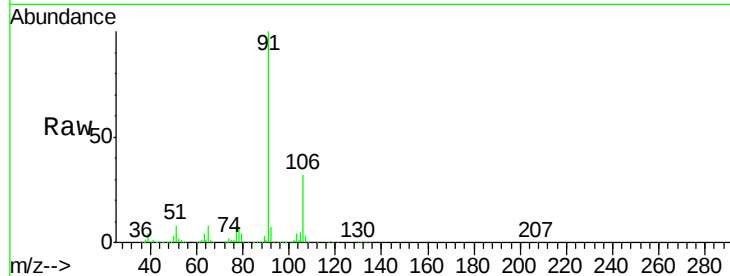
106 32.2 25.3 37.9

Manual Integrations

APPROVED

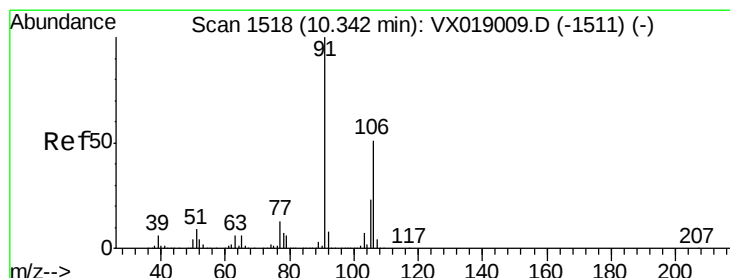
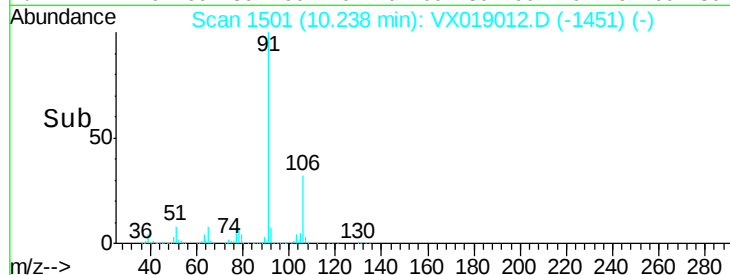
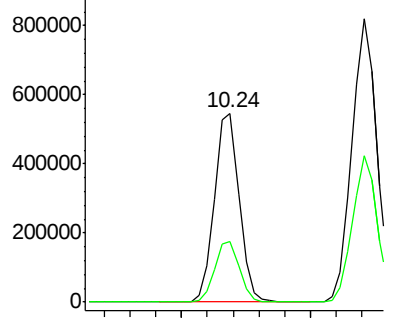
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX019009.D (-1493) (-)

Ion 106.00 (105.70 to 106.70): VX019009.D (-1493) (-)



#68

m/p-Xylenes

Concen: 98.096 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019012.D

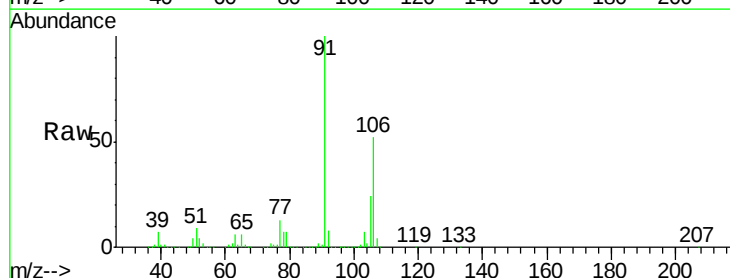
Acq: 21 Oct 2020 20:37

Tgt Ion: 106 Resp: 562406

Ion Ratio Lower Upper

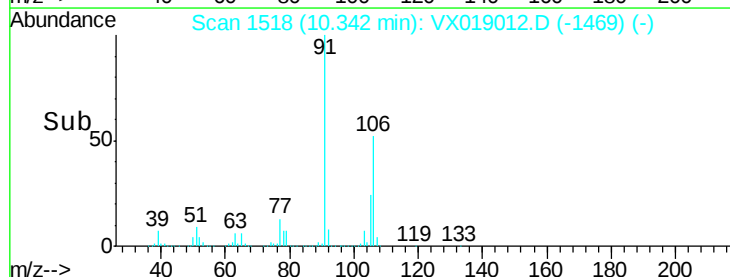
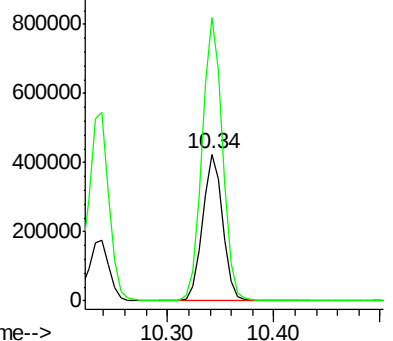
106 100

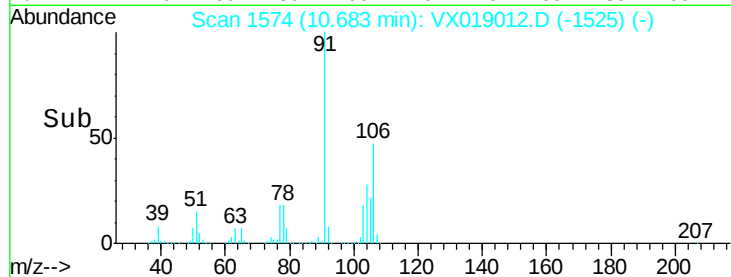
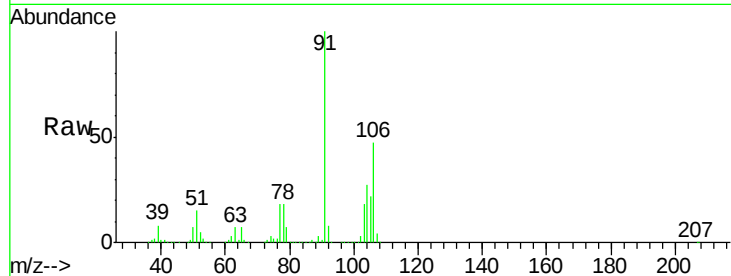
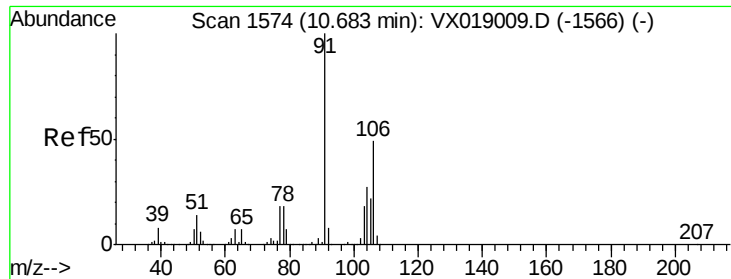
91 195.7 156.9 235.3



Abundance Ion 106.00 (105.70 to 106.70): VX019009.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX019009.D (-1511) (-)





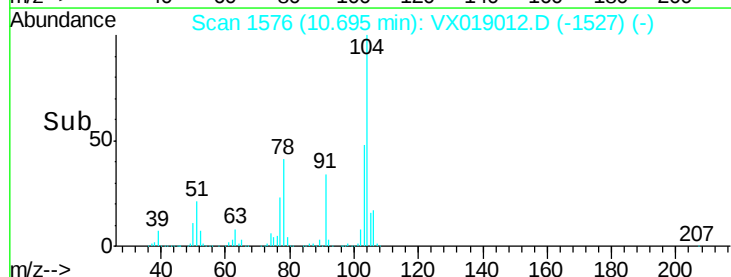
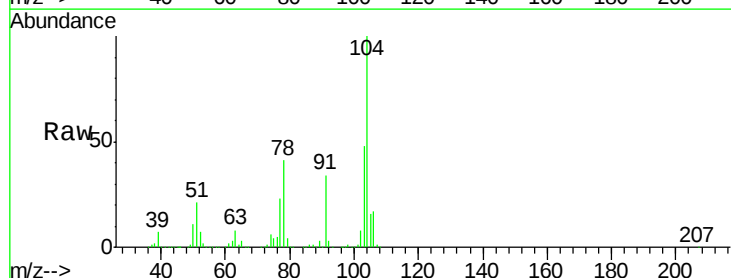
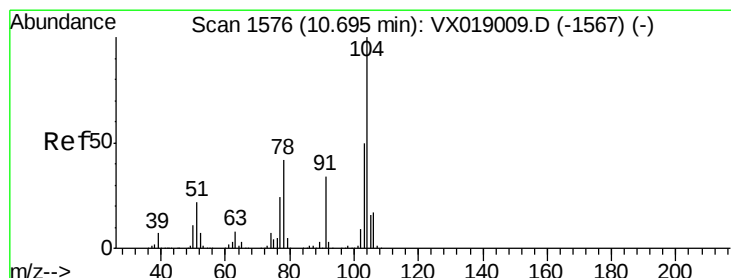
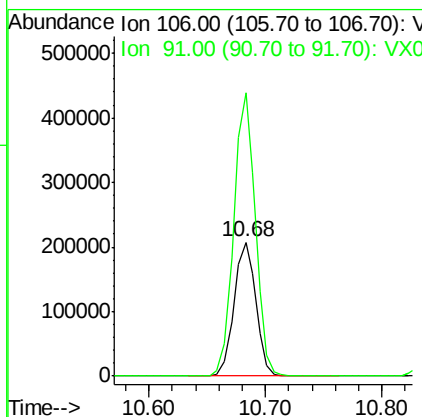
#69
o-Xylene
Concen: 49.444 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.1	104.0	312.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

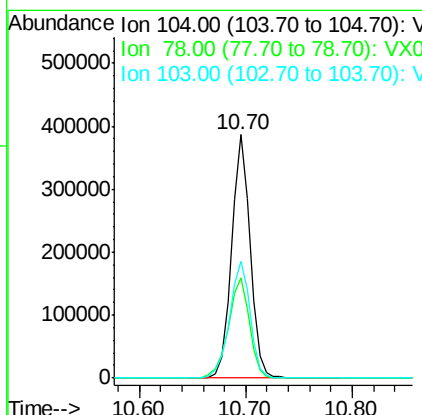
Manual Integrations
APPROVED

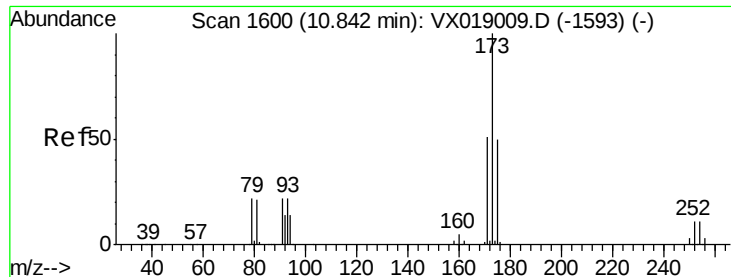
MMDadoda
10/23/2020 1:52:44 PM



#70
Styrene
Concen: 50.808 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.4	37.7	56.5
103	53.6	43.5	65.3





#71

Bromoform

Concen: 51.822 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

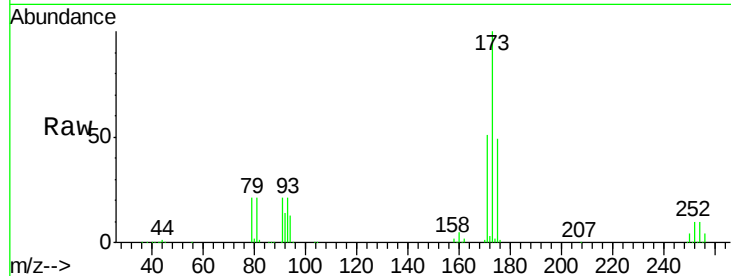
ClientSampleId :

ICVVX102120

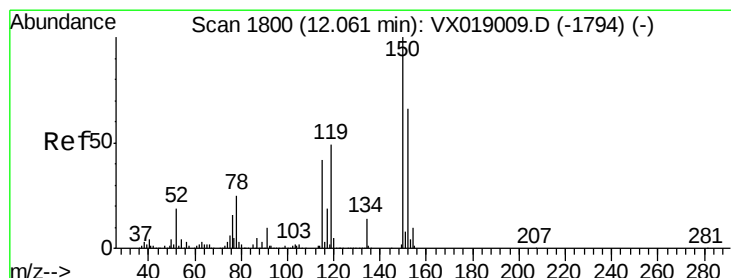
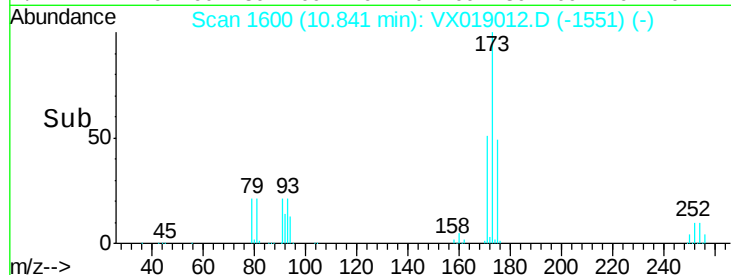
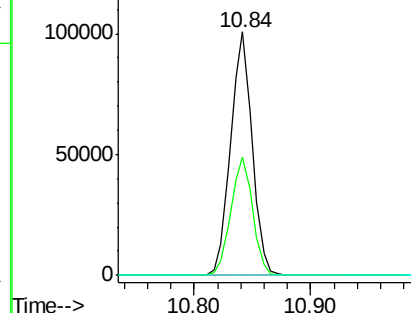
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.4
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

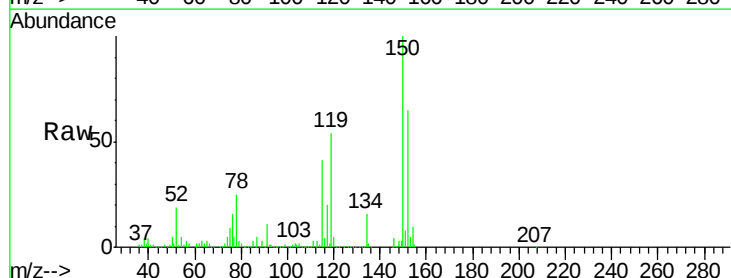
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

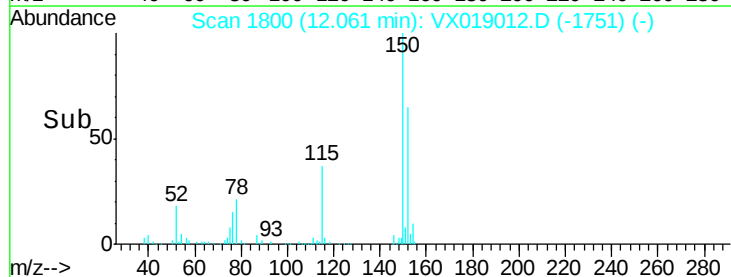
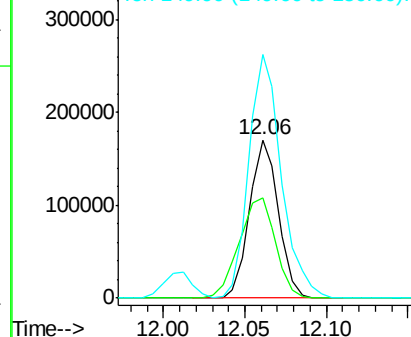
Lab File: VX019012.D

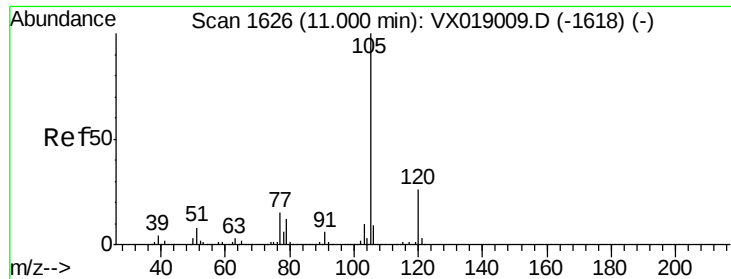
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.8	40.8	122.5
150	174.6	0.0	345.6



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: 47.967 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion: 105 Resp: 723289

Ion Ratio Lower Upper

105 100

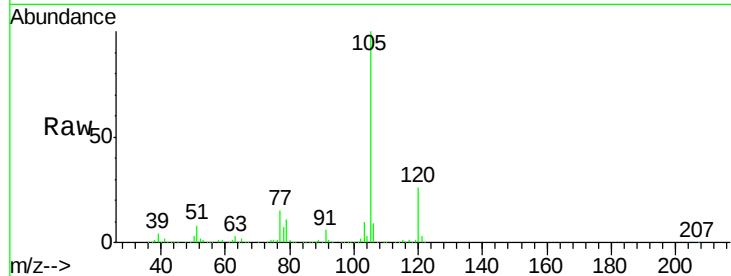
120 26.9 13.4 40.1

Manual Integrations

APPROVED

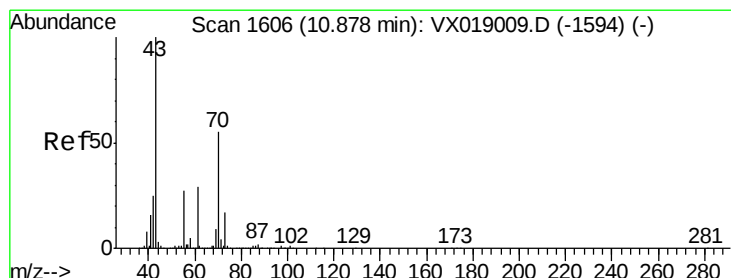
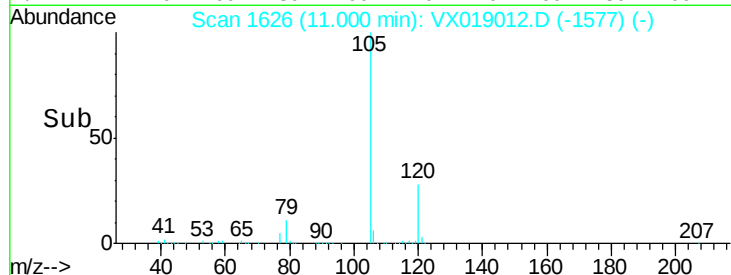
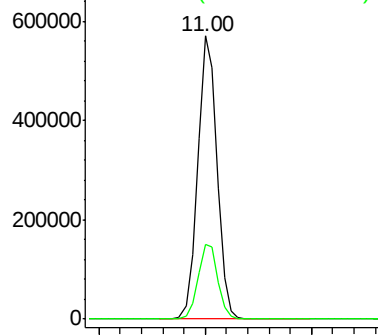
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.933 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Tgt Ion: 43 Resp: 246068

Ion Ratio Lower Upper

43 100

70 55.0 44.5 66.7

55 26.9 21.9 32.9

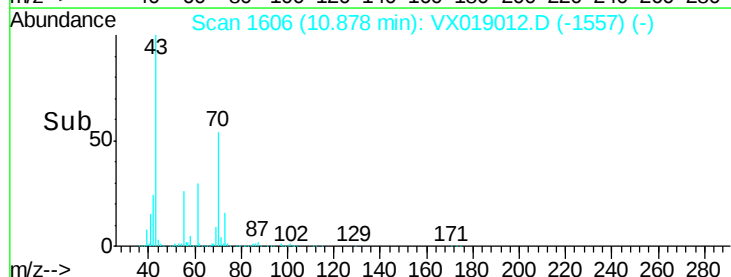
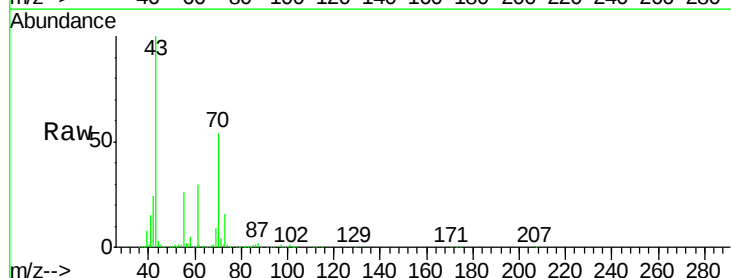
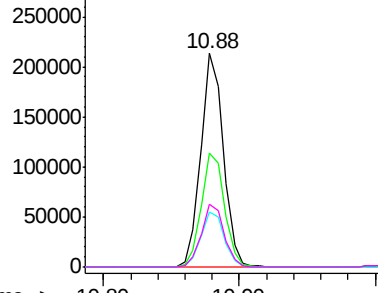
61 30.0 23.9 35.9

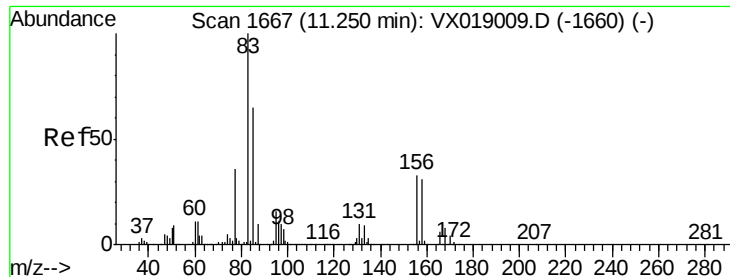
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.600 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

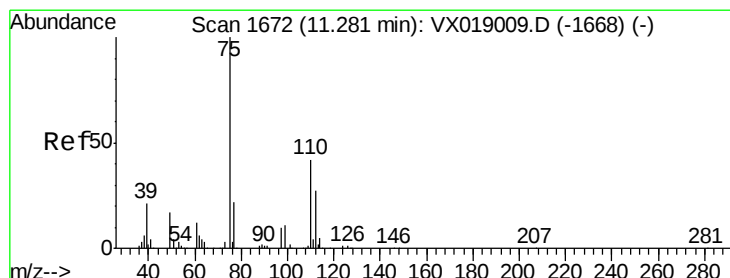
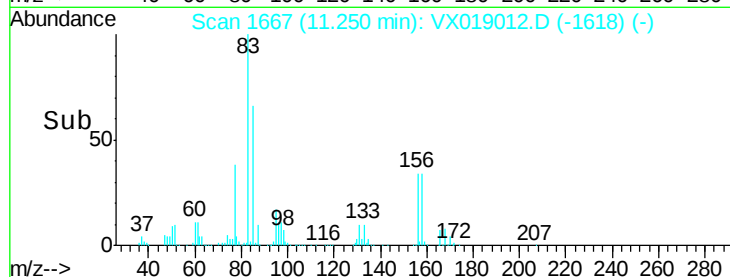
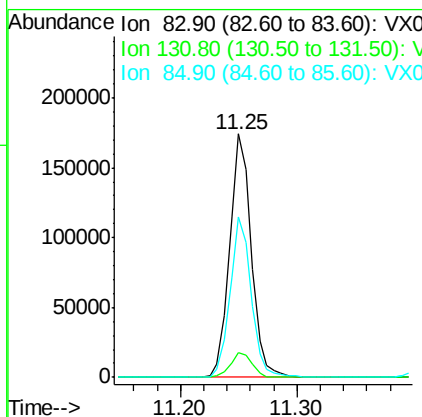
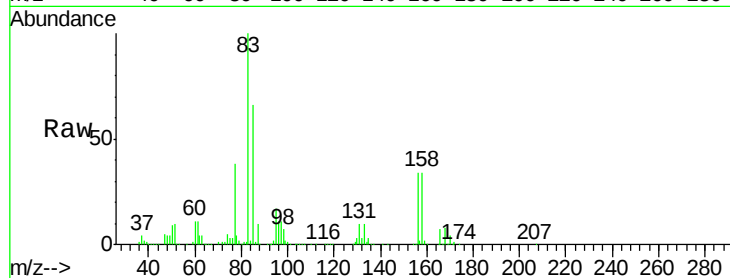
ClientSampleId :

ICVVX102120

Tot Ion:	83	Resp:	225316
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.7	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.595 ug/l m

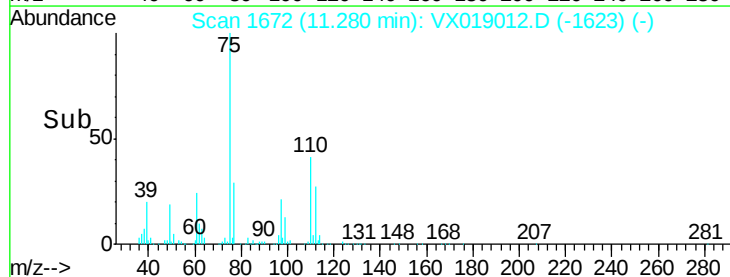
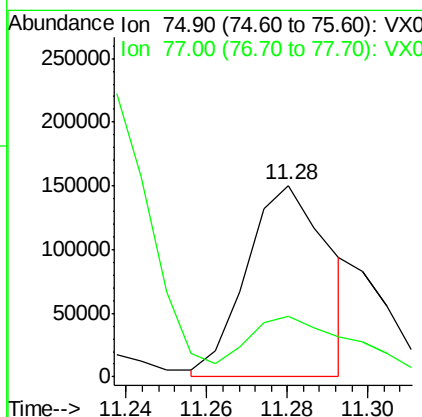
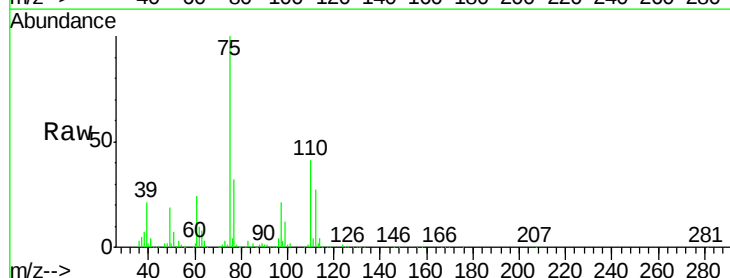
RT: 11.28 min Scan# 1672

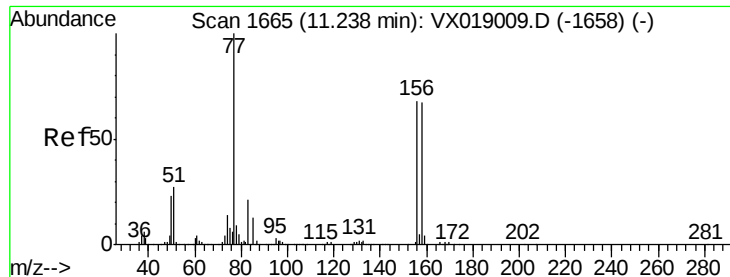
Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Tgt Ion:	75	Resp:	211967
Ion Ratio	Lower	Upper	
75	100		
77	41.4	20.7	62.1





#77

Bromobenzene

Concen: 48.305 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

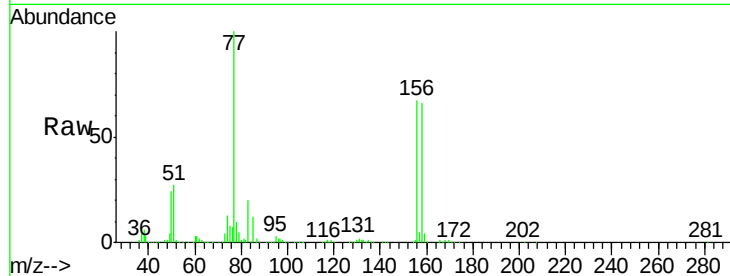
ClientSampleId :

ICVVX102120

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.9	74.4	223.1
158	98.3	48.8	146.3

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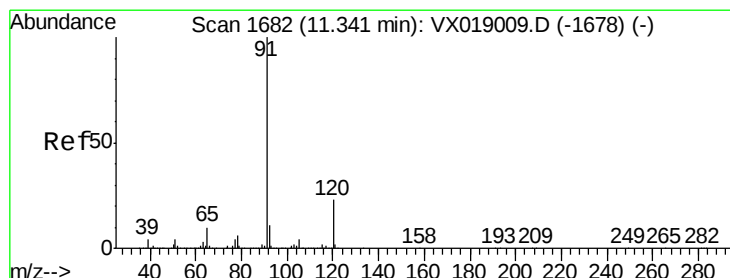
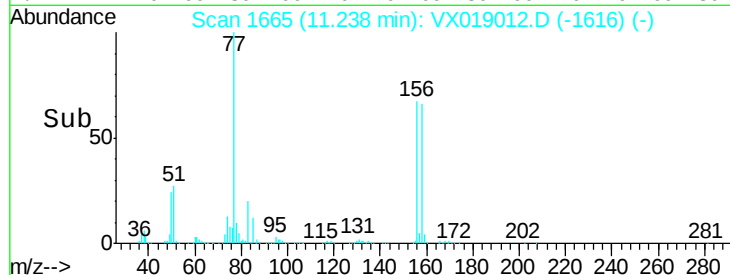
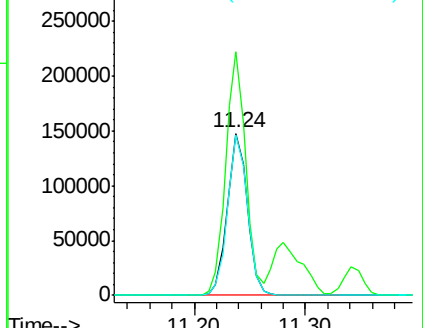


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.937 ug/l

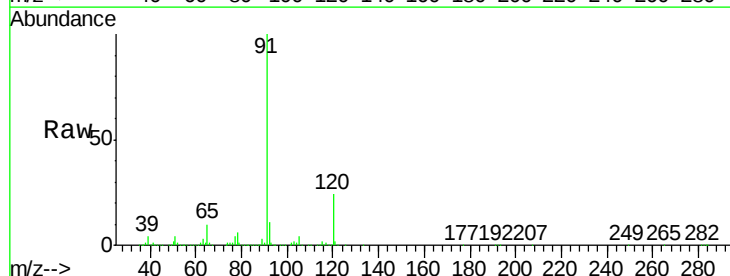
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

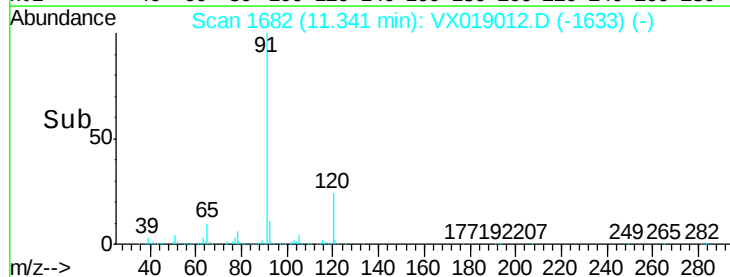
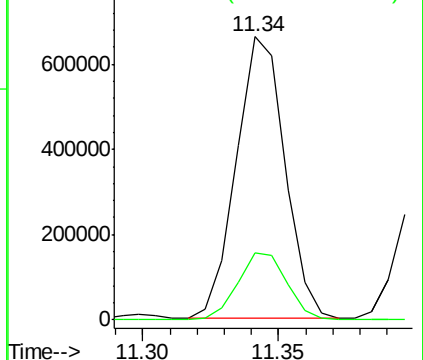
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.1	36.3

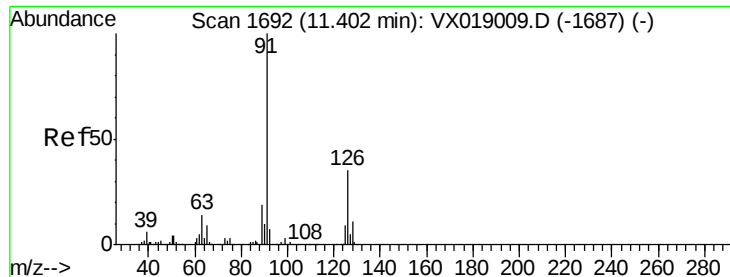


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.082 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102120

Tot Ion: 91 Resp: 479280

Ion Ratio Lower Upper

91 100

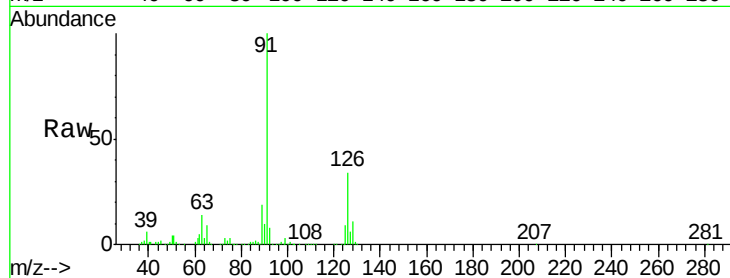
126 34.8 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX019009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019009.D (-1687) (-)

600000

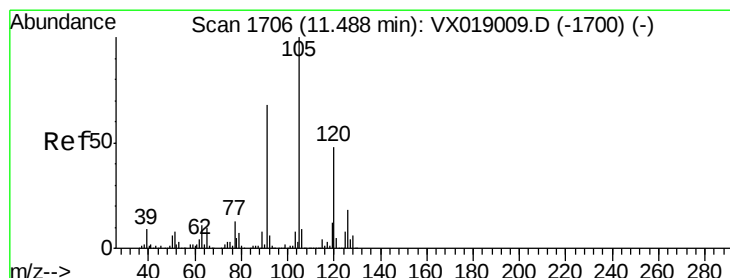
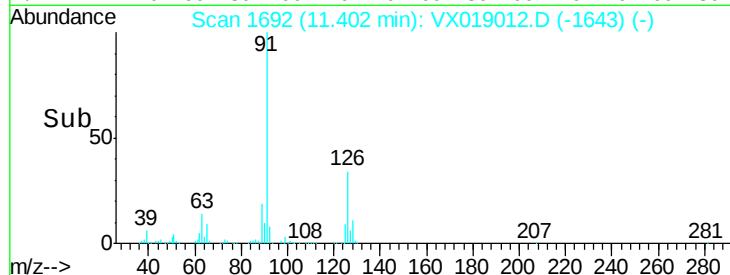
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.736 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019012.D

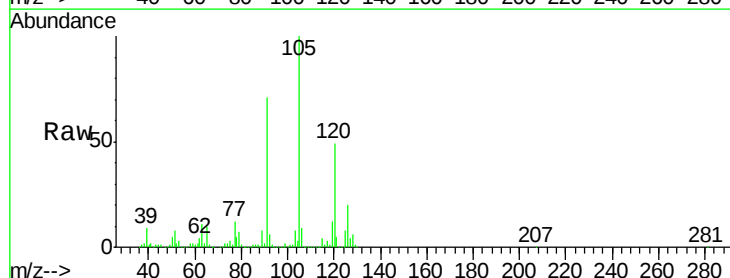
Acq: 21 Oct 2020 20:37

Tgt Ion: 105 Resp: 606861

Ion Ratio Lower Upper

105 100

120 49.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX019009.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019009.D (-1700) (-)

500000

400000

300000

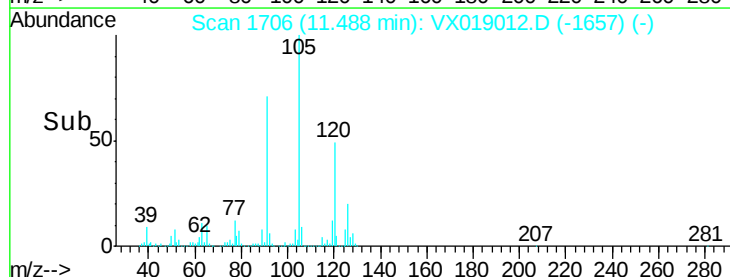
200000

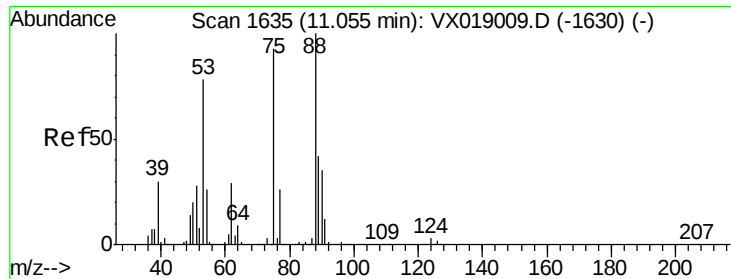
100000

0

11.40 11.45 11.50 11.55

Time-->





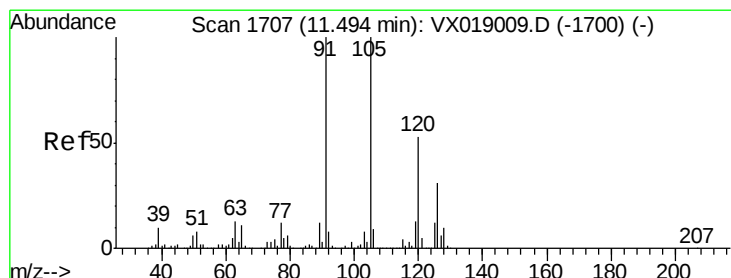
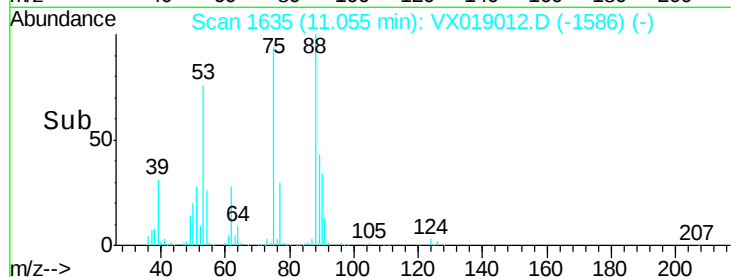
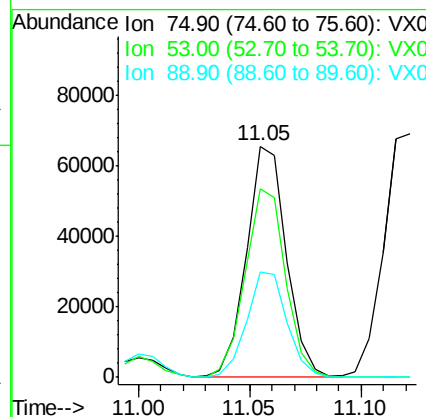
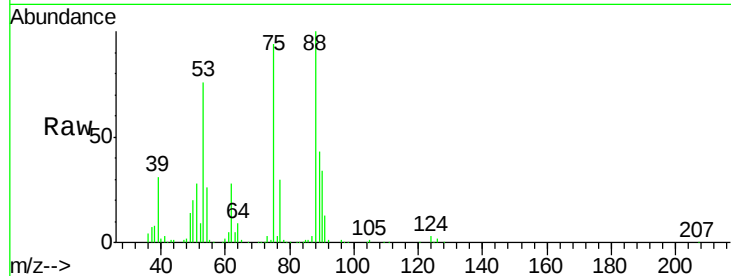
#81
trans-1,4-Dichloro-2-butene
Concen: 49.700 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.7	67.4	101.2
89	46.5	37.2	55.8

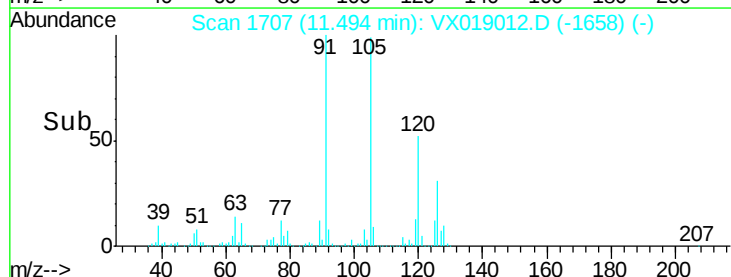
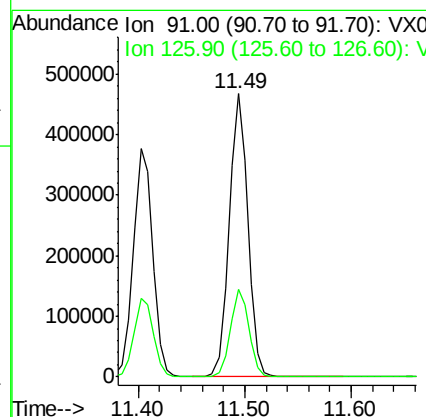
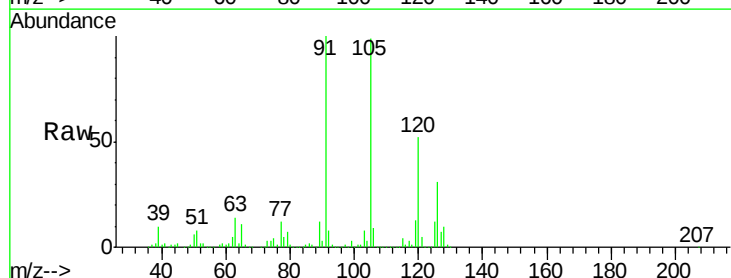
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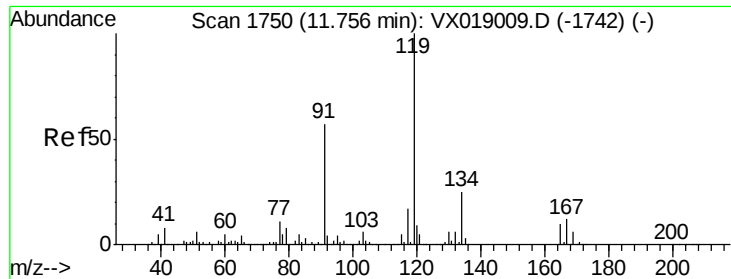
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#82
4-Chlorotoluene
Concen: 48.178 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.7





#83

tert-Butylbenzene

Concen: 49.830 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Instrument :

MSVOA_X

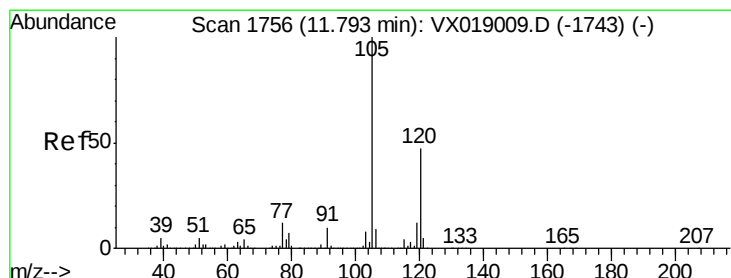
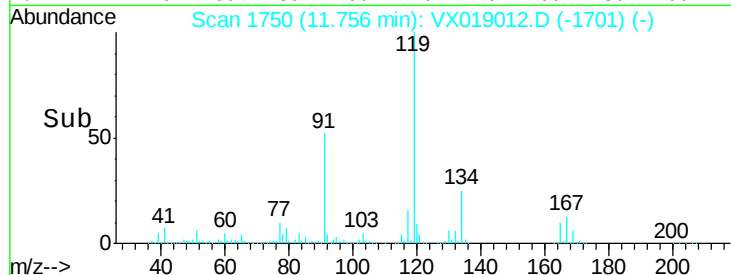
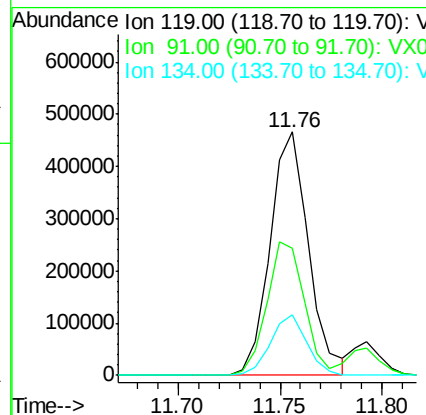
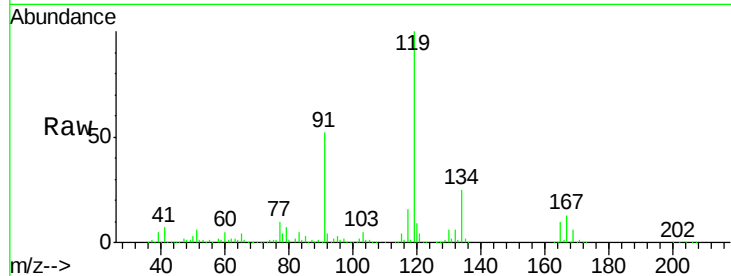
ClientSampleId :

ICVVX102120

Tot Ion:	119	Resp:	611237
Ion Ratio	Lower	Upper	
119	100		
91	53.7	28.1	84.4
134	23.3	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.981 ug/l

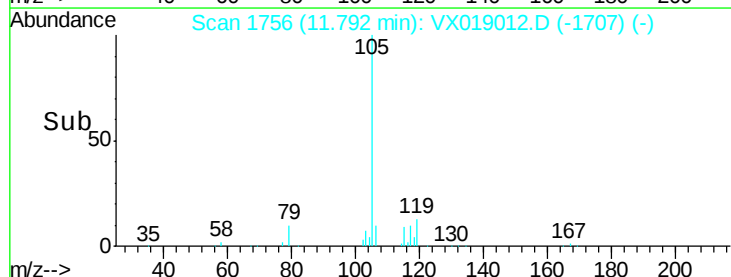
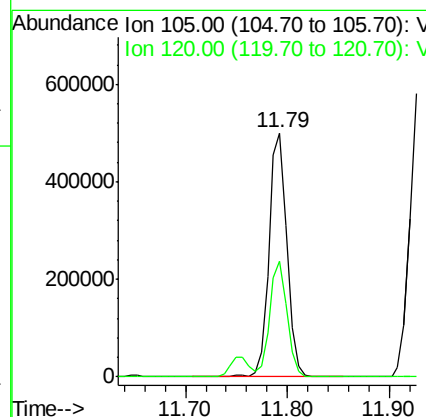
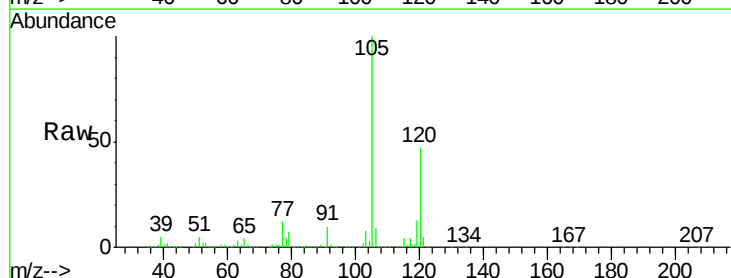
RT: 11.79 min Scan# 1756

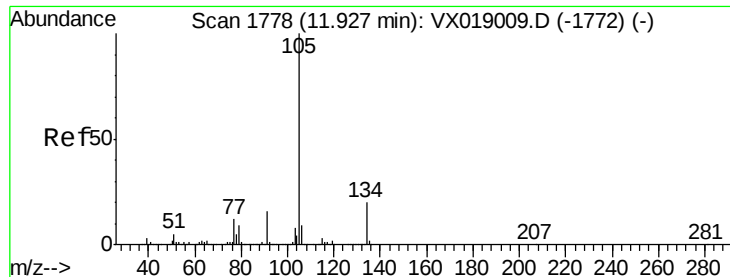
Delta R.T. -0.00 min

Lab File: VX019012.D

Acq: 21 Oct 2020 20:37

Tgt Ion:	105	Resp:	610728
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.9	68.8





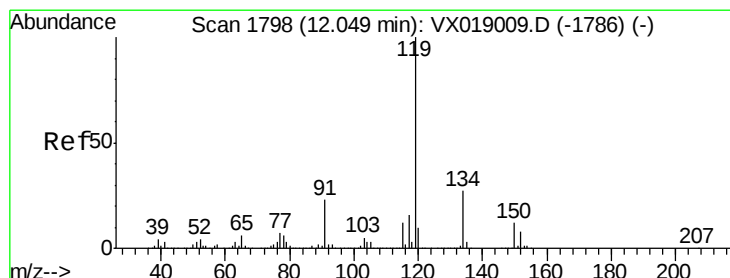
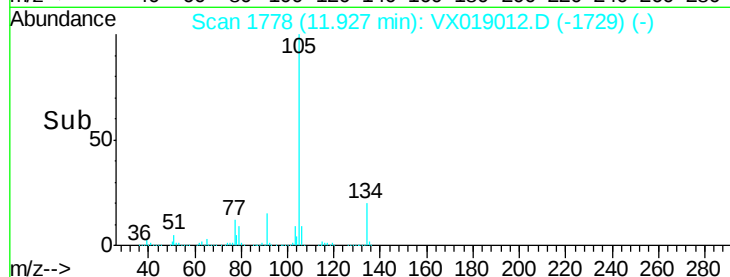
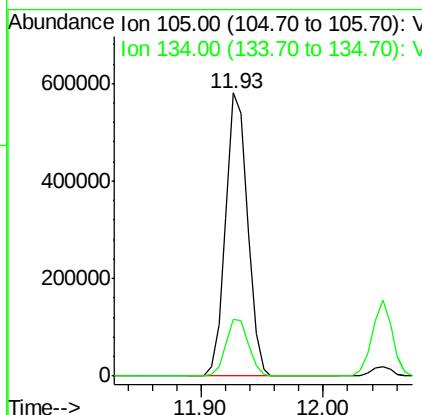
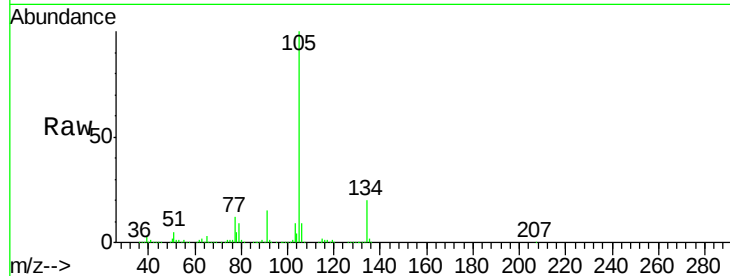
#85
 sec-Butylbenzene
 Concen: 48.396 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102120

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.1

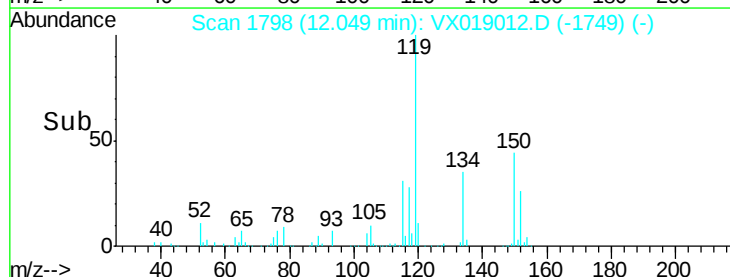
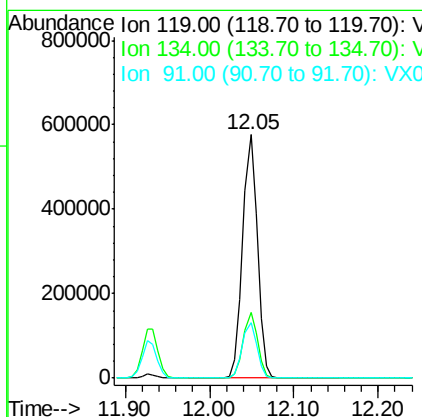
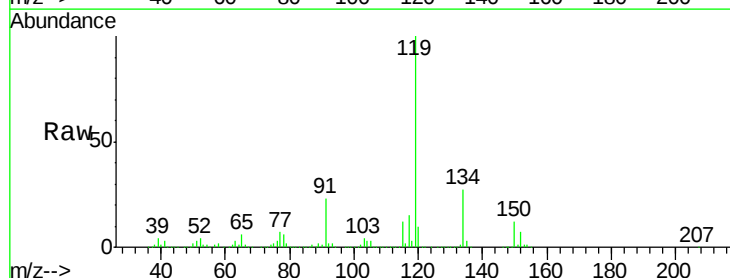
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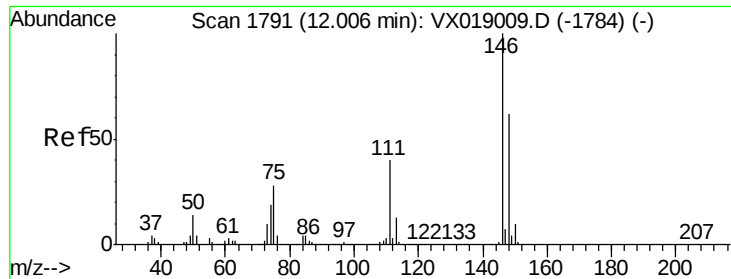
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#86
 p-Isopropyltoluene
 Concen: 49.168 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.8
91	22.6	11.4	34.2





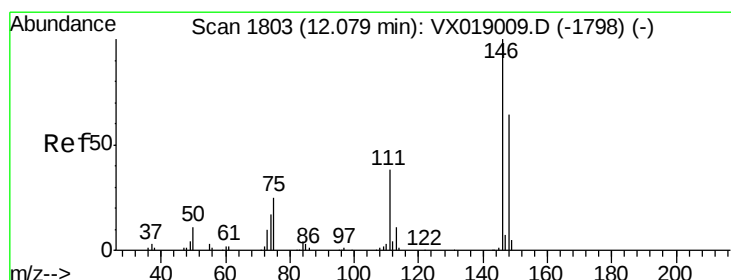
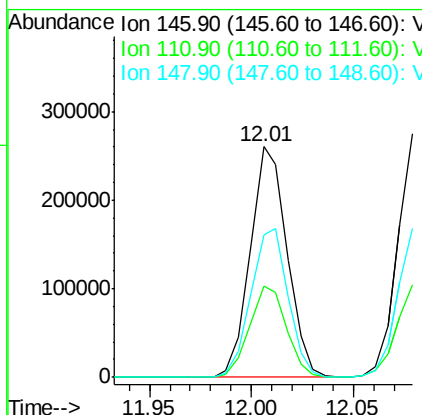
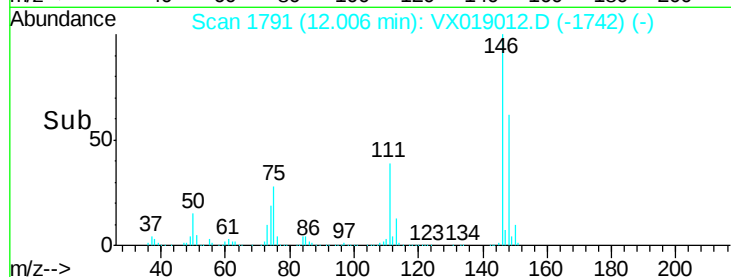
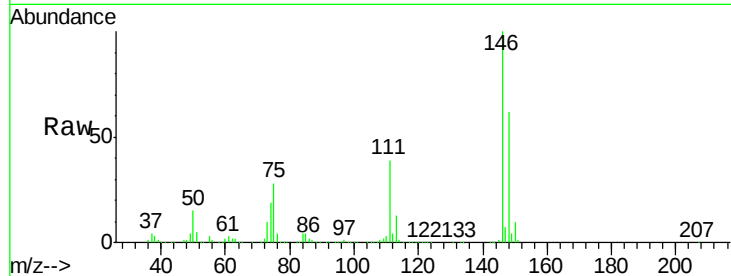
#87
 1,3-Dichlorobenzene
 Concen: 46.840 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102120

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.1
148	65.6	32.0	96.0

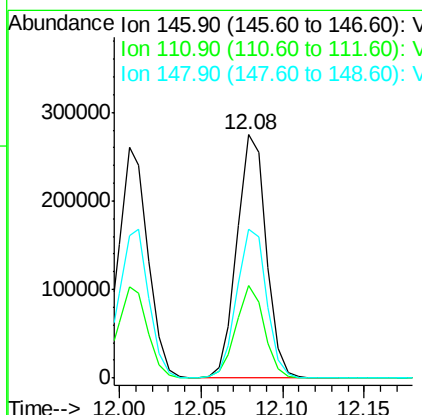
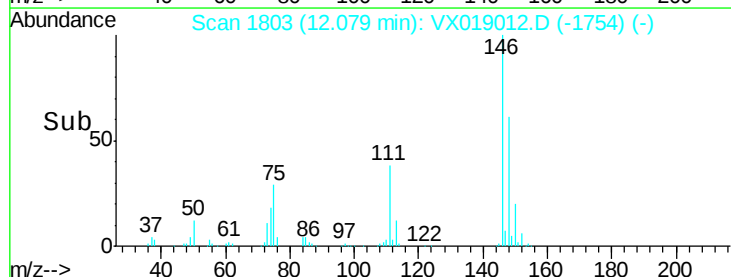
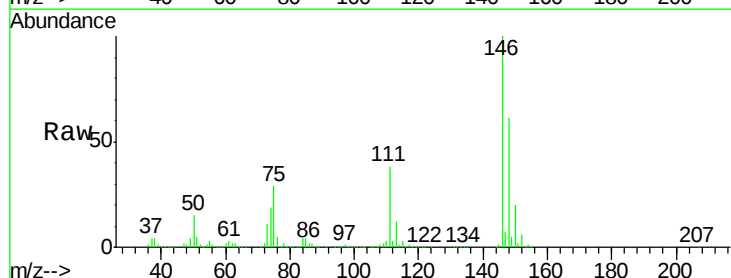
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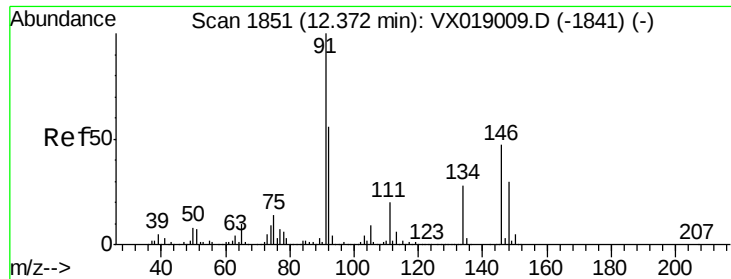
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#88
 1,4-Dichlorobenzene
 Concen: 47.945 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.4	58.2
148	62.5	32.2	96.6





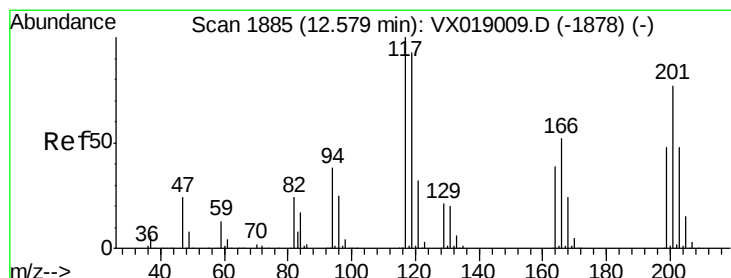
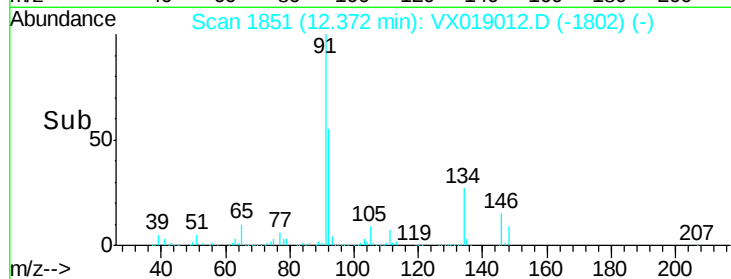
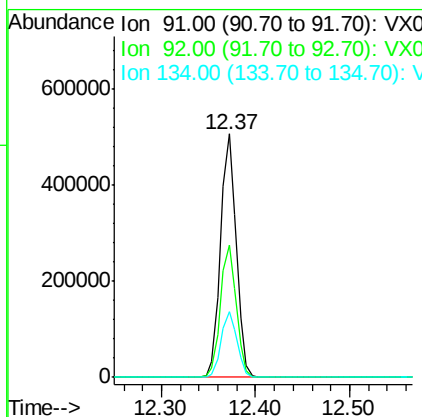
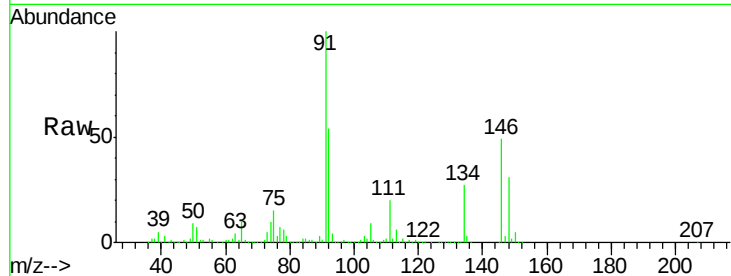
#89
n-Butylbenzene
Concen: 47.212 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Resp	Lower	Upper
91	100	586131		
92	54.6	27.3	81.9	
134	27.1	13.6	40.7	

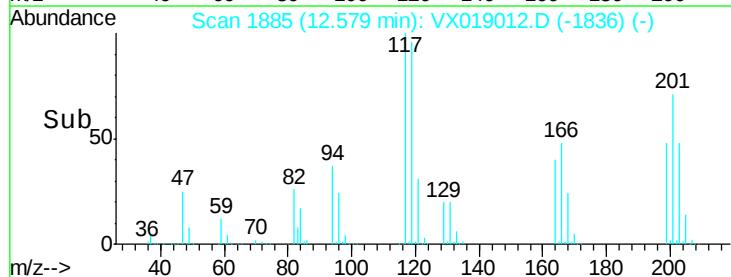
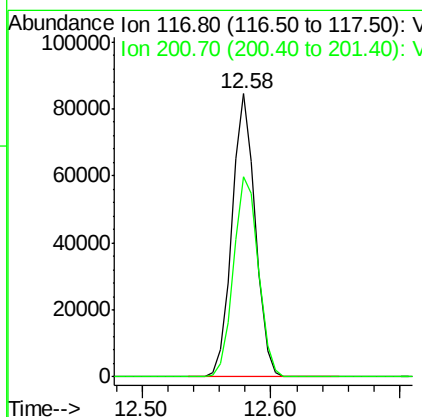
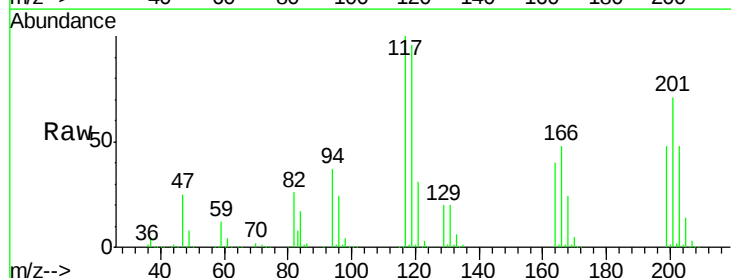
Manual Integrations
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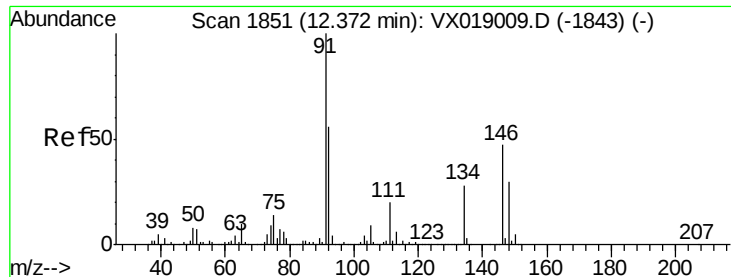
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#90
Hexachloroethane
Concen: 51.450 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	106830		
201	75.0	37.1	111.3	





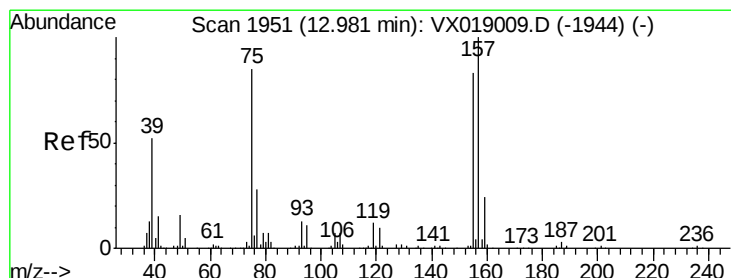
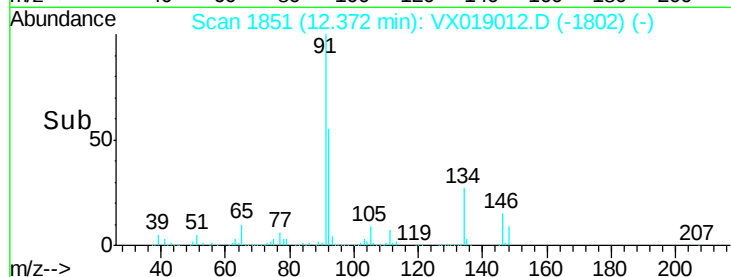
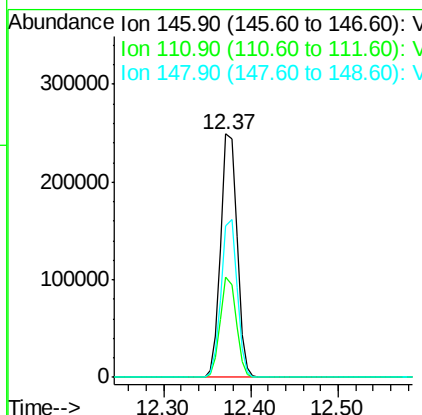
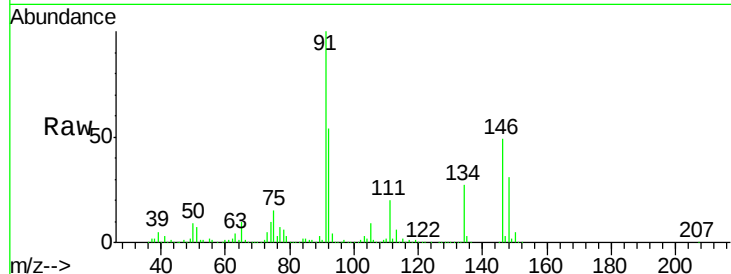
#91
 1,2-Dichlorobenzene
 Concen: 49.337 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102120

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.9	59.7
148	63.7	31.4	94.3

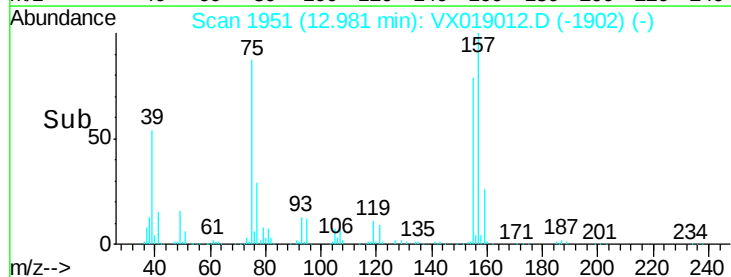
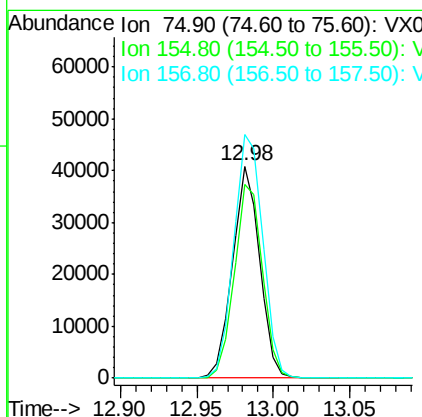
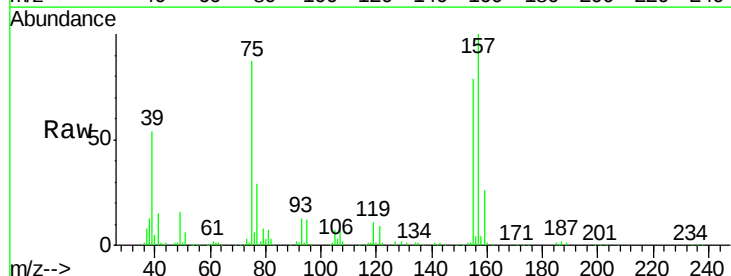
Manual Integrations
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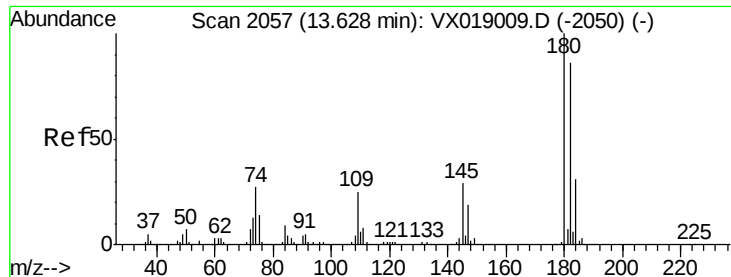
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.561 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	47.3	142.0
157	122.7	59.7	179.0





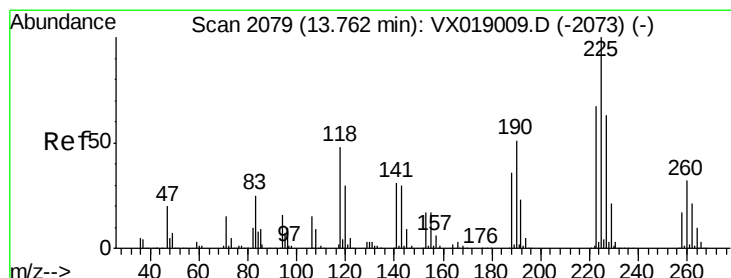
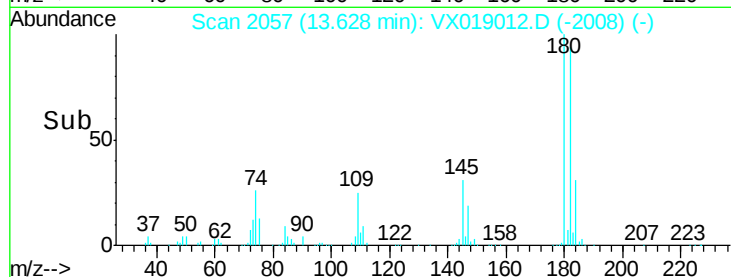
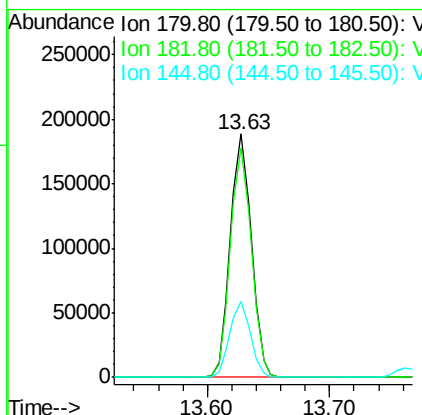
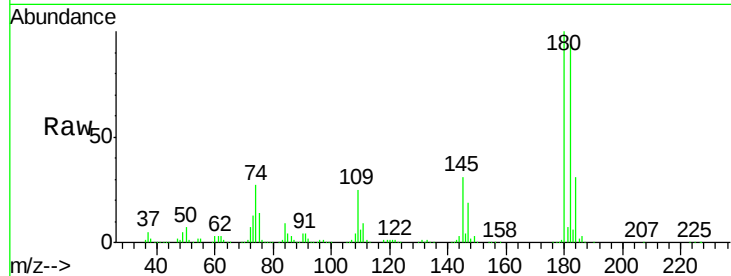
#93
 1,2,4-Trichlorobenzene
 Concen: 46.967 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102120

Tot Ion:	180	Resp:	223806
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.4	139.2
145	30.9	15.2	45.6

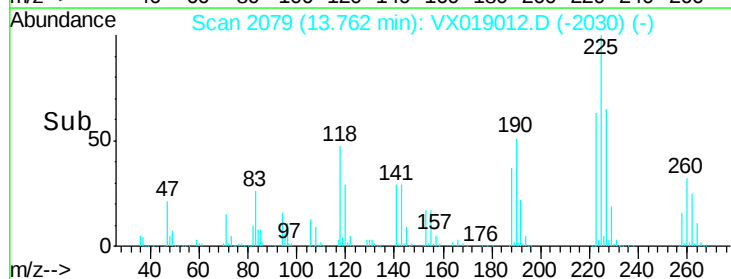
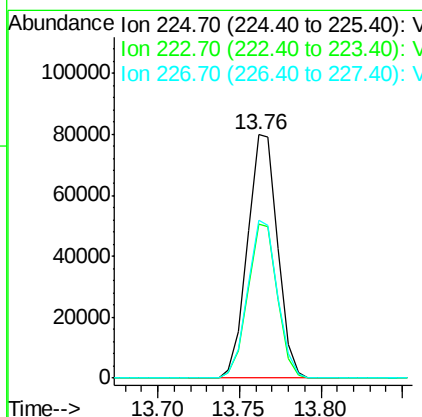
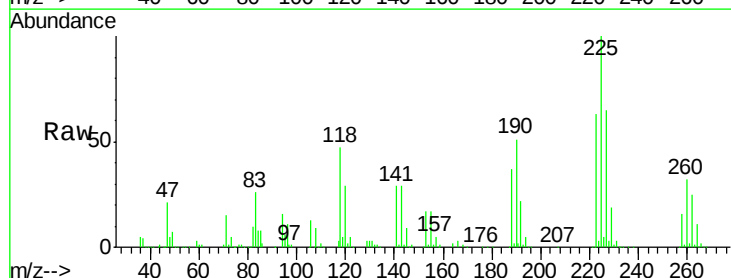
Manual Integrations
 APPROVED

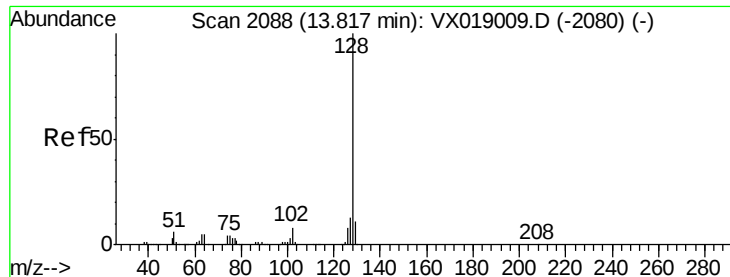
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#94
 Hexachlorobutadiene
 Concen: 46.633 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019012.D
 Acq: 21 Oct 2020 20:37

Tgt Ion:	225	Resp:	103021
Ion Ratio	Lower	Upper	
225	100		
223	62.0	32.5	97.4
227	64.0	31.9	95.7





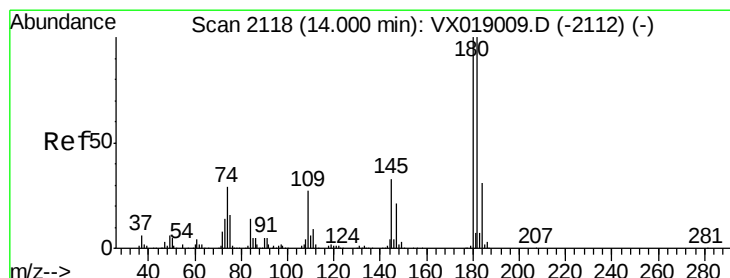
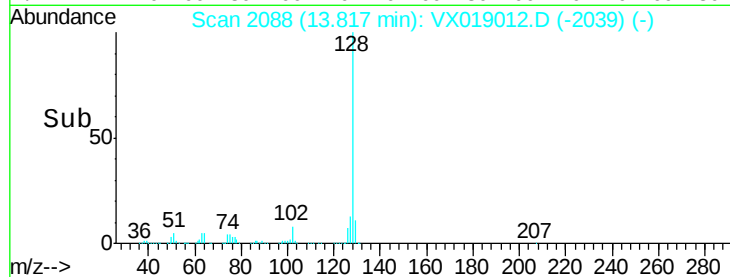
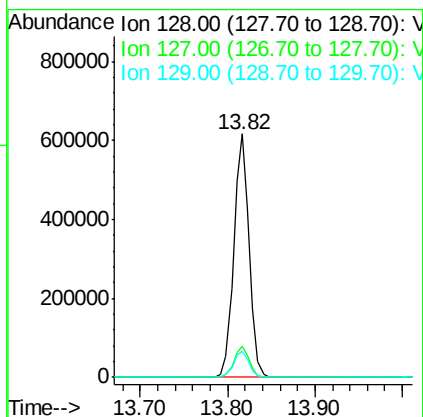
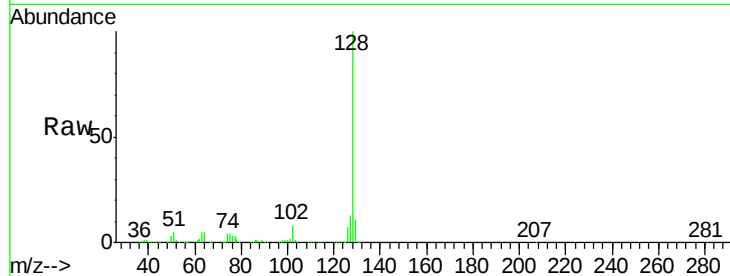
#95
Naphthalene
Concen: 50.243 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102120

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 46.211 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019012.D
Acq: 21 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	47.3	142.0
145	33.3	15.9	47.6

