

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
 Data File : VX019689.D
 Acq On : 01 Dec 2020 12:50
 Operator : JC/MD
 Sample : VX1201WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:44:01 PM

Quant Time: Dec 02 02:22:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	270293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	444075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	400969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	178344	50.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.78%
35) Dibromofluoromethane	5.46	113	144489	51.84	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.68%
50) Toluene-d8	8.70	98	541595	50.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.00%
62) 4-Bromofluorobenzene	11.12	95	194354	49.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.74%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	45985	17.495	ug/l 97
3) Chloromethane	1.31	50	49219	16.318	ug/l 100
4) Vinyl Chloride	1.39	62	56373	17.362	ug/l 99
5) Bromomethane	1.62	94	20827	16.935	ug/l 99
6) Chloroethane	1.69	64	34023	42.367	ug/l 97
7) Trichlorofluoromethane	1.90	101	82497	17.604	ug/l 97
8) Diethyl Ether	2.17	74	35311	18.814	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	48012	18.364	ug/l 99
10) Methyl Iodide	2.48	142	61342	17.860	ug/l 99
11) Tert butyl alcohol	3.04	59	79084	119.238	ug/l 98
12) 1,1-Dichloroethene	2.34	96	46908	17.481	ug/l 98
13) Acrolein	2.28	56	29504	66.178	ug/l 99
14) Allyl chloride	2.70	41	78370	18.643	ug/l 98
15) Acrylonitrile	3.12	53	163125	104.289	ug/l 99
16) Acetone	2.42	43	136906	101.017	ug/l 99
17) Carbon Disulfide	2.54	76	114645	15.903	ug/l 100
18) Methyl Acetate	2.75	43	71059	21.747	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	188721	20.374	ug/l 98
20) Methylene Chloride	2.83	84	62278	18.385	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	55504	18.256	ug/l 97
22) Diisopropyl ether	3.82	45	173295	19.927	ug/l 97
23) Vinyl Acetate	3.78	43	736327	100.943	ug/l 99
24) 1,1-Dichloroethane	3.66	63	100831	18.956	ug/l 98
25) 2-Butanone	4.64	43	210536	103.412	ug/l 100
26) 2,2-Dichloropropane	4.54	77	84087	18.111	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	66670	19.090	ug/l 98
28) Bromochloromethane	4.97	49	46886	18.436	ug/l 99
29) Tetrahydrofuran	5.09	42	133757	102.969	ug/l 100
30) Chloroform	5.17	83	107533	19.333	ug/l 99
31) Cyclohexane	5.54	56	81742	17.933	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	89398	18.711	ug/l 99
36) 1,1-Dichloropropene	5.76	75	75901	18.231	ug/l 99
37) Ethyl Acetate	4.79	43	82408	21.085	ug/l 100
38) Carbon Tetrachloride	5.74	117	75788	18.807	ug/l 99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	86994	17.946	ug/l	97
40) Benzene	6.10	78	240114	18.771	ug/l	99
41) Methacrylonitrile	5.01	41	43801	20.323	ug/l	99
42) 1,2-Dichloroethane	6.16	62	86057	19.628	ug/l	99
43) Isopropyl Acetate	6.41	43	130159	19.811	ug/l	100
44) Trichloroethene	7.18	130	61369	18.316	ug/l	96
45) 1,2-Dichloropropane	7.48	63	61214	19.439	ug/l	98
46) Dibromomethane	7.63	93	41890	19.436	ug/l	100
47) Bromodichloromethane	7.87	83	80533	19.256	ug/l	99
48) Methyl methacrylate	7.74	41	62588	20.341	ug/l	99
49) 1,4-Dioxane	7.71	88	30006	429.502	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	396153	103.402	ug/l	99
52) Toluene	8.76	92	147093	18.797	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	86564	19.165	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	97683	19.488	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	62570	19.633	ug/l	97
56) Ethyl methacrylate	9.16	69	90112	19.983	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105372	19.749	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	246209	93.177	ug/l	99
59) 2-Hexanone	9.47	43	297136	102.261	ug/l	100
60) Dibromochloromethane	9.56	129	60428	19.358	ug/l	98
61) 1,2-Dibromoethane	9.65	107	65445	19.922	ug/l	100
64) Tetrachloroethene	9.32	164	53745	17.052	ug/l	95
65) Chlorobenzene	10.12	112	152930	18.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	57186	19.070	ug/l	99
67) Ethyl Benzene	10.23	91	273196	18.917	ug/l	99
68) m/p-Xylenes	10.34	106	202374	37.612	ug/l	100
69) o-Xylene	10.68	106	97327	18.922	ug/l	100
70) Styrene	10.70	104	162346	18.136	ug/l	99
71) Bromoform	10.84	173	40154	18.271	ug/l #	98
73) Isopropylbenzene	11.00	105	262575	20.204	ug/l	100
74) N-amyl acetate	10.88	43	101253	20.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	93521	20.122	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	85662m	20.893	ug/l	
77) Bromobenzene	11.24	156	64613	19.475	ug/l	97
78) n-propylbenzene	11.34	91	290286	19.470	ug/l	99
79) 2-Chlorotoluene	11.40	91	177169	19.594	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	214077	19.636	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	27624	20.890	ug/l	96
82) 4-Chlorotoluene	11.49	91	207837	19.526	ug/l	99
83) tert-Butylbenzene	11.76	119	211274	20.031	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	215570	19.542	ug/l	98
85) sec-Butylbenzene	11.93	105	239013	19.048	ug/l	100
86) p-Isopropyltoluene	12.05	119	217334	19.077	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	114271	18.754	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	118263	18.843	ug/l	100
89) n-Butylbenzene	12.37	91	182352	17.705	ug/l	99
90) Hexachloroethane	12.58	117	34994	18.356	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	115787	18.920	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18648	19.667	ug/l	97

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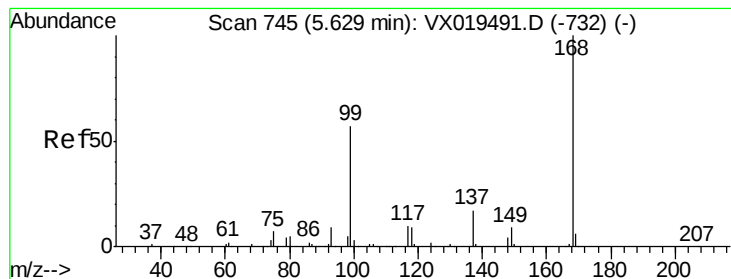
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	72971	18.573	ug/l	95
94) Hexachlorobutadiene	13.76	225	29981	16.751	ug/l	98
95) Naphthalene	13.82	128	245327	19.111	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72682	18.494	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion:168 Resp: 270293

Ion Ratio Lower Upper

168 100

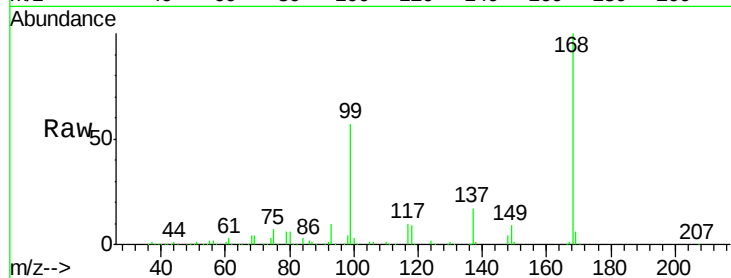
99 57.0 45.8 68.6

Manual Integrations

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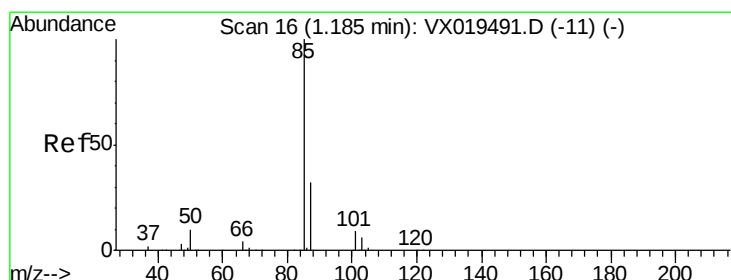
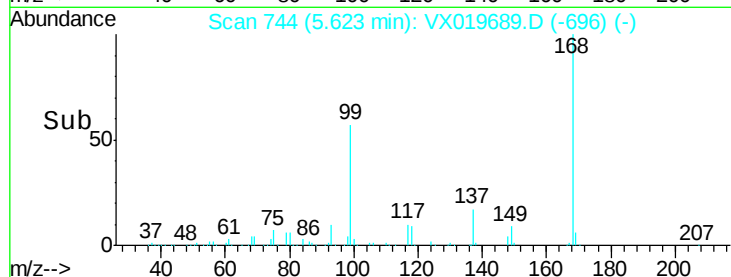
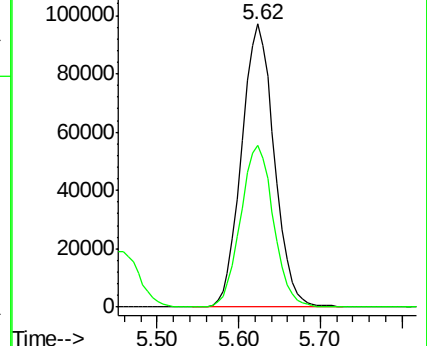
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.495 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019689.D

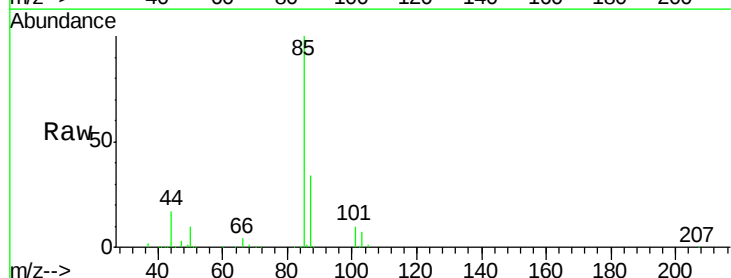
Acq: 01 Dec 2020 12:50

Tgt Ion: 85 Resp: 45985

Ion Ratio Lower Upper

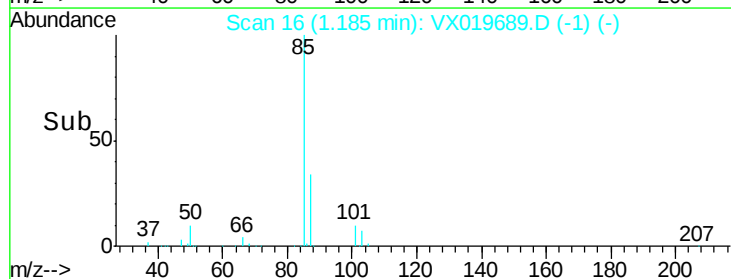
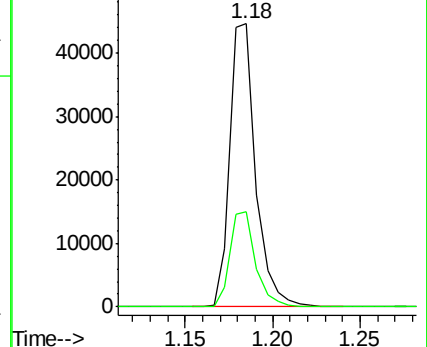
85 100

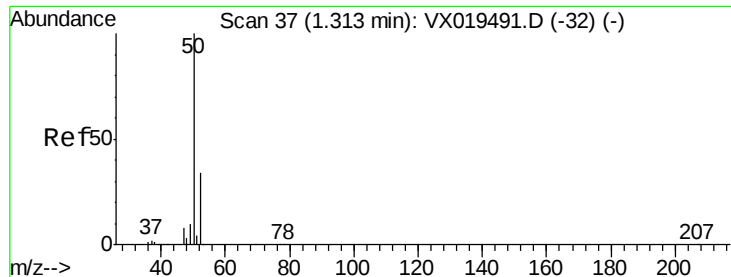
87 33.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.318 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 50 Resp: 49219

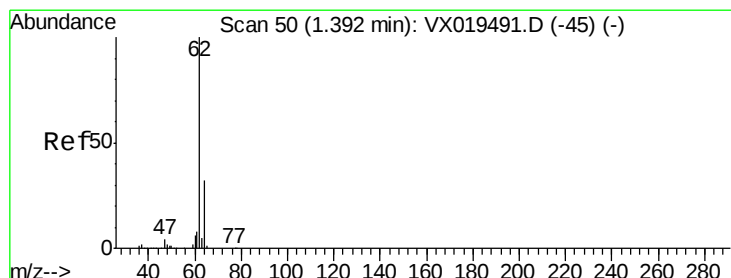
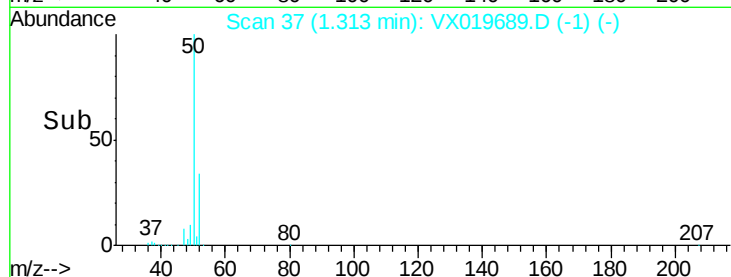
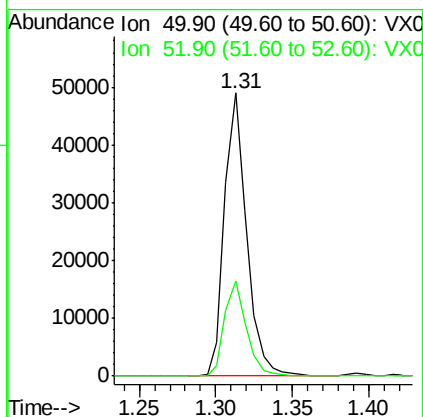
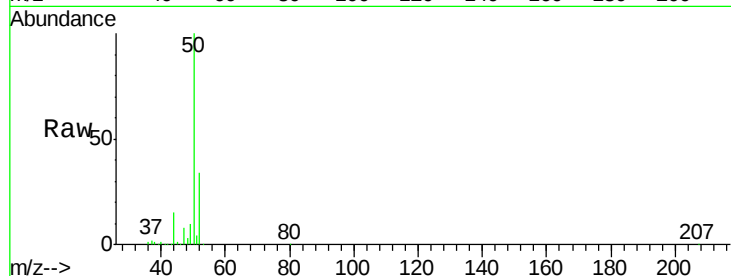
Ion Ratio Lower Upper

50 100

52 33.9 27.0 40.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.362 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019689.D

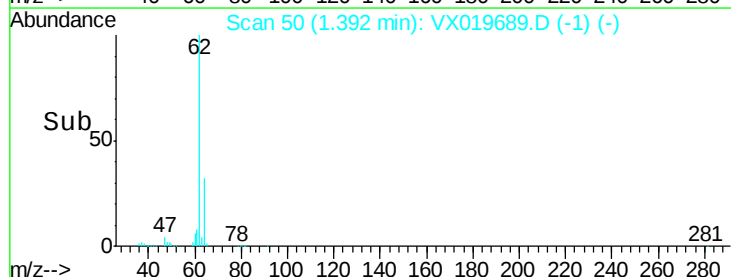
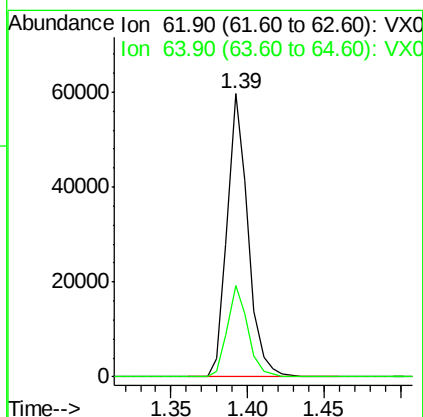
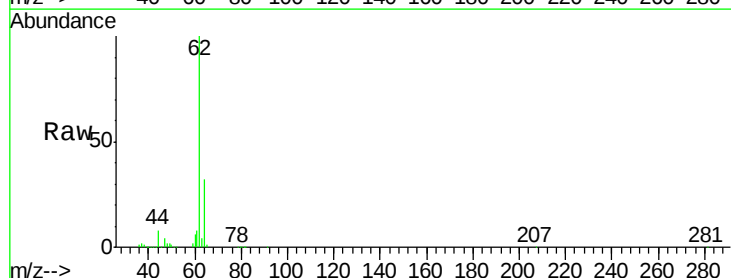
Acq: 01 Dec 2020 12:50

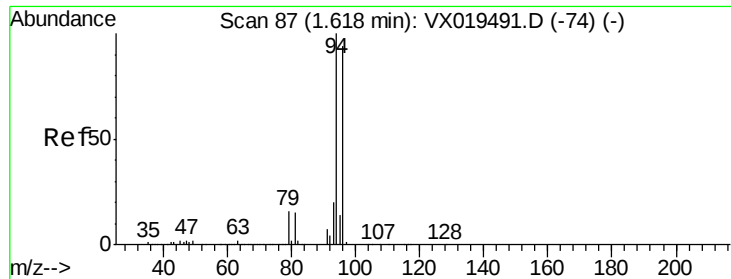
Tgt Ion: 62 Resp: 56373

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 16.935 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampled :

VX1201WBSD01

Tot Ion: 94 Resp: 20827

Ion Ratio Lower Upper

94 100

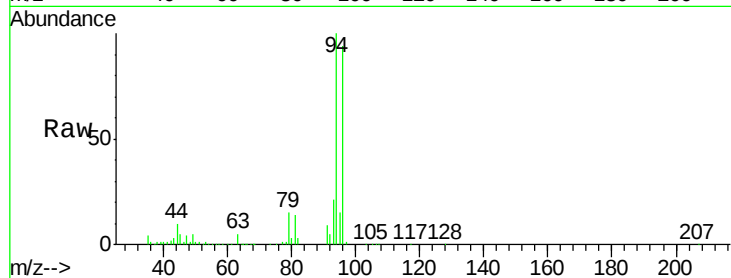
96 93.9 75.6 113.4

Manual Integrations

APPROVED

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

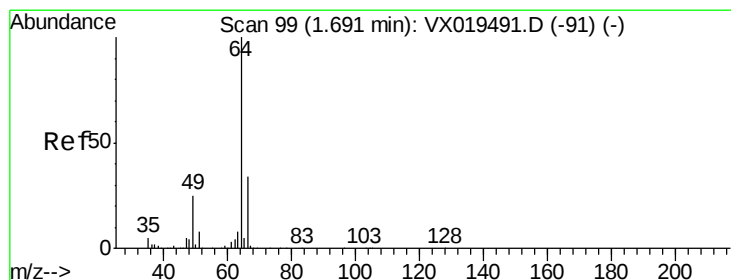
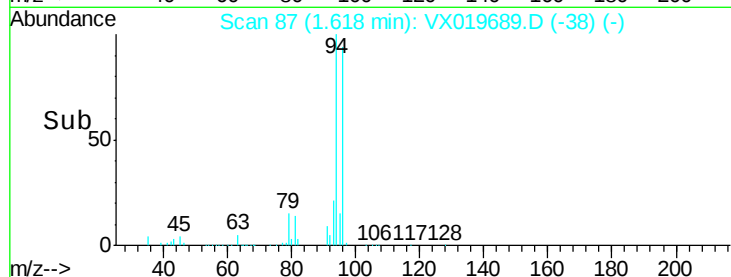
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 42.367 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019689.D

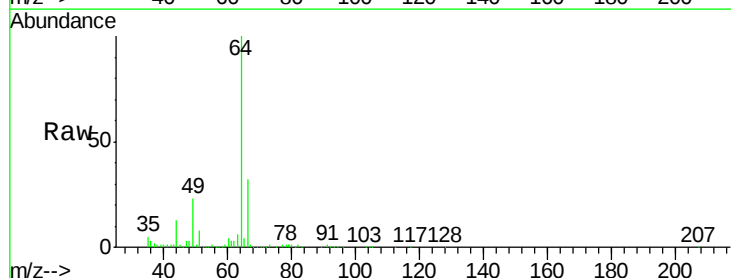
Acq: 01 Dec 2020 12:50

Tgt Ion: 64 Resp: 34023

Ion Ratio Lower Upper

64 100

66 32.0 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

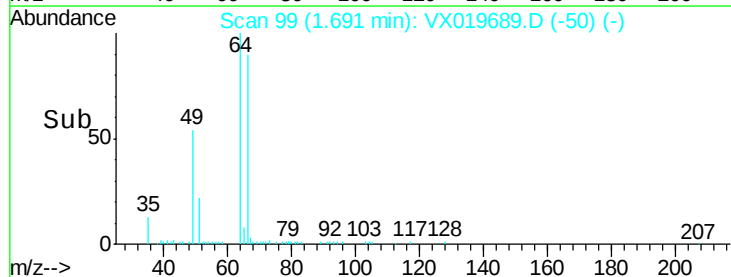
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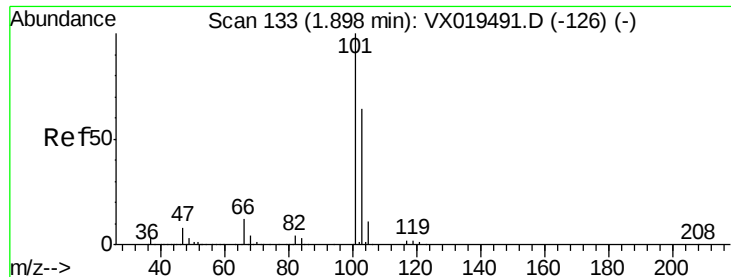
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0

1.60 1.70 1.80

Time-->





#7

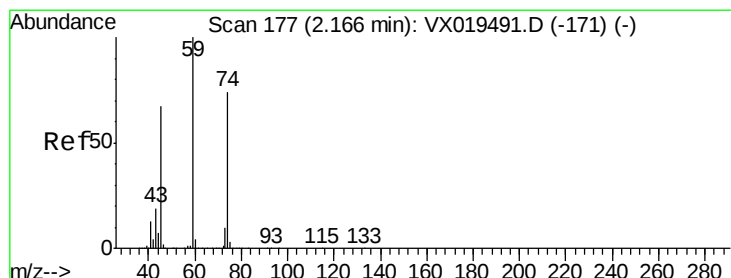
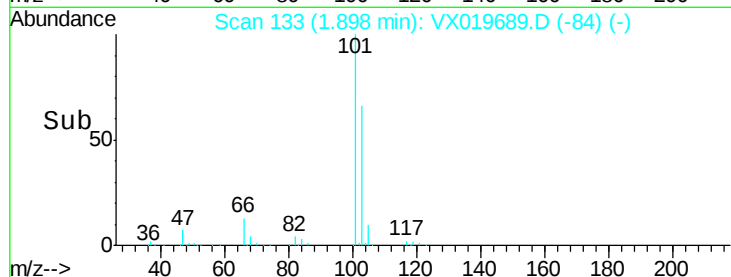
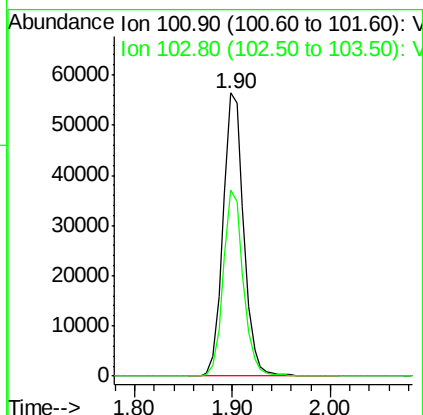
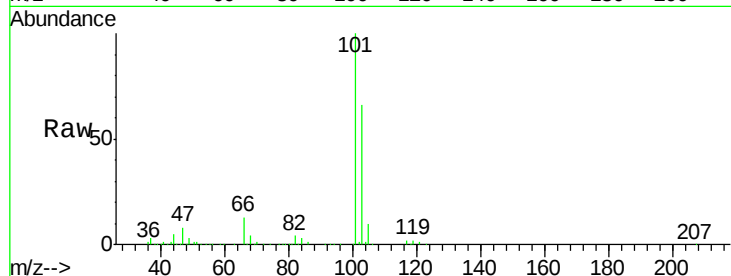
Trichlorofluoromethane
Concen: 17.604 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
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ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	50.9	76.3

Manual Integrations
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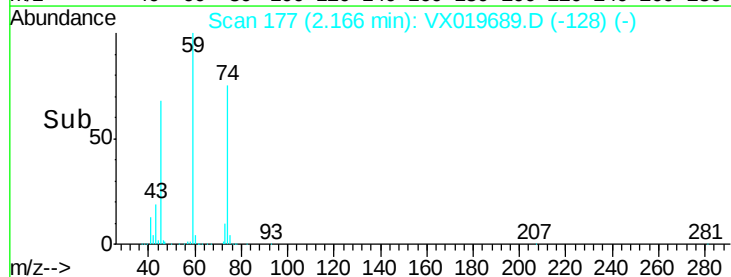
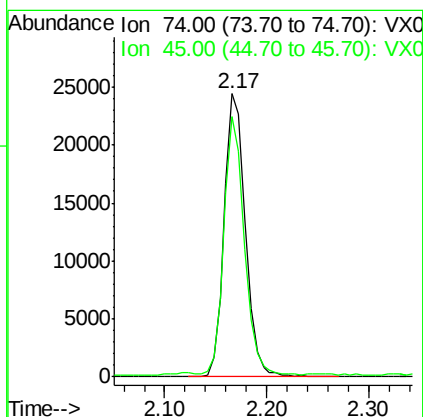
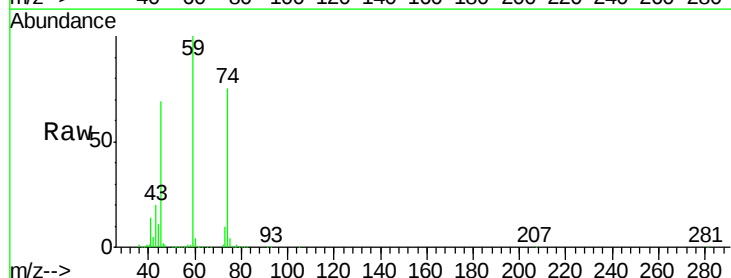
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12/2/2020 12:44:01 PM

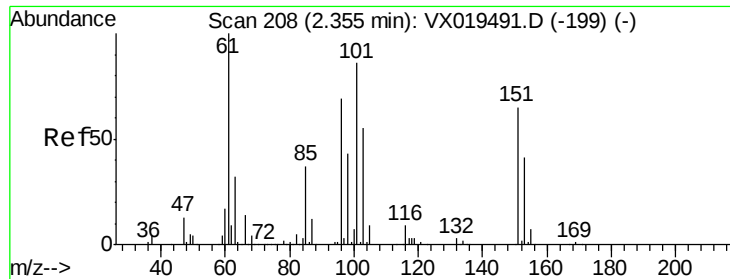


#8

Diethyl Ether
Concen: 18.814 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.3	44.4	133.2





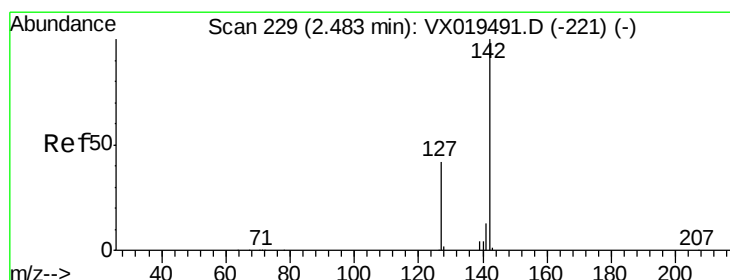
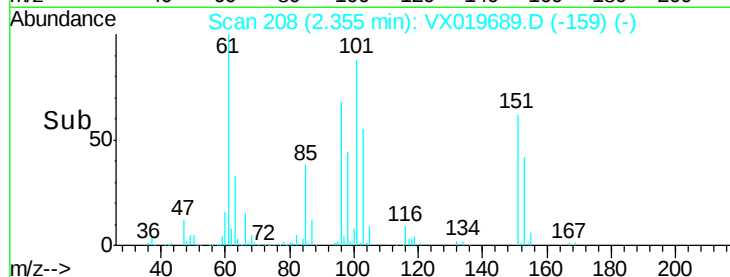
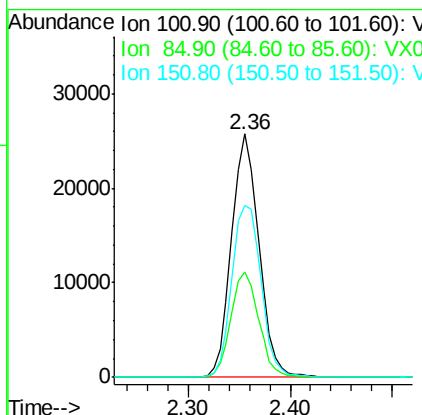
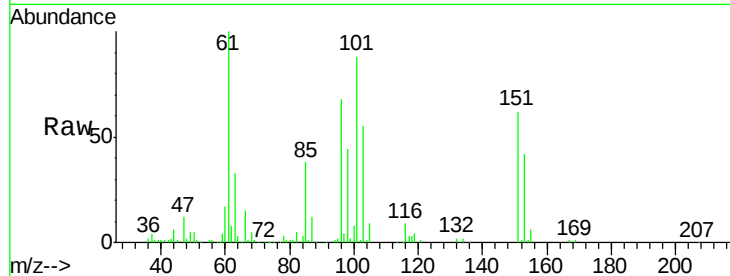
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.364 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	48012		
85	43.9		33.9	50.9
151	75.3		60.9	91.3

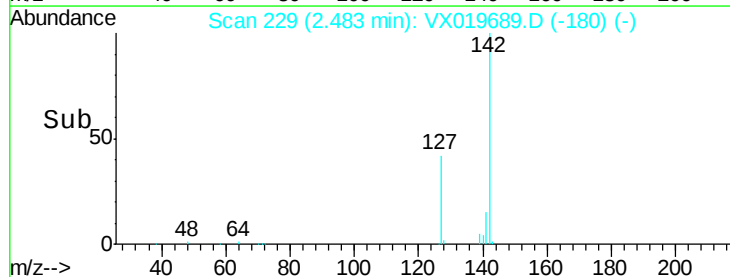
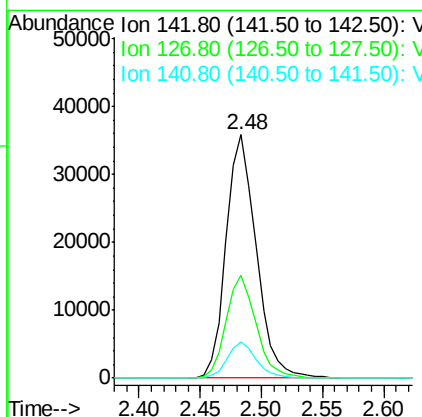
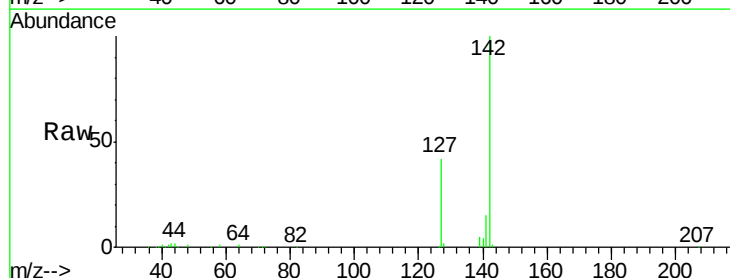
Manual Integrations
APPROVED

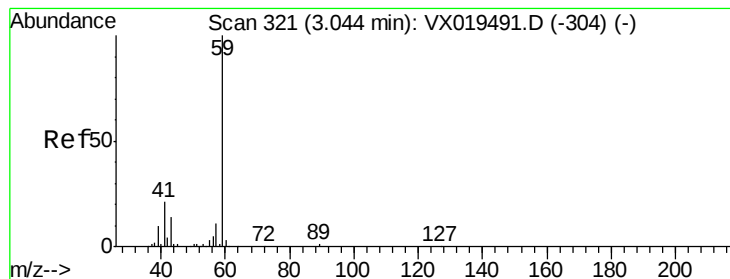
MMDadoda
12/2/2020 12:44:01 PM



#10
Methyl Iodide
Concen: 17.860 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	61342		
127	41.9		33.8	50.6
141	14.1		11.0	16.6





#11

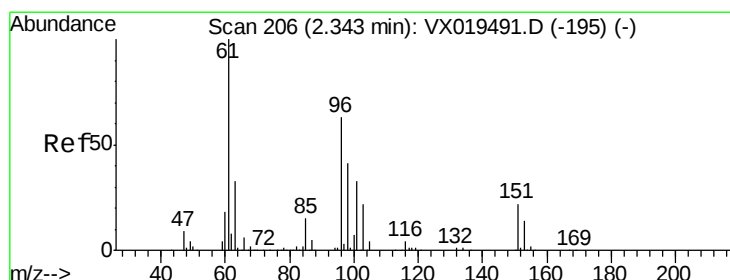
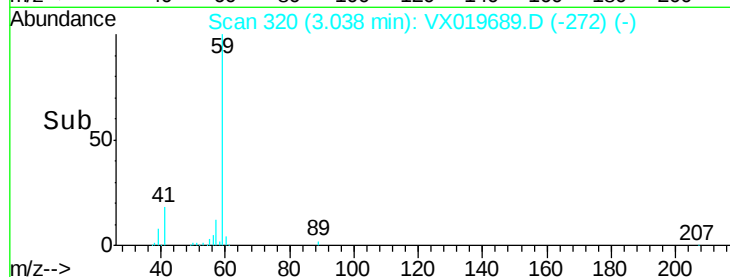
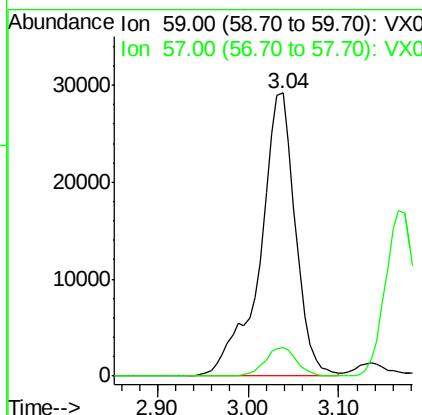
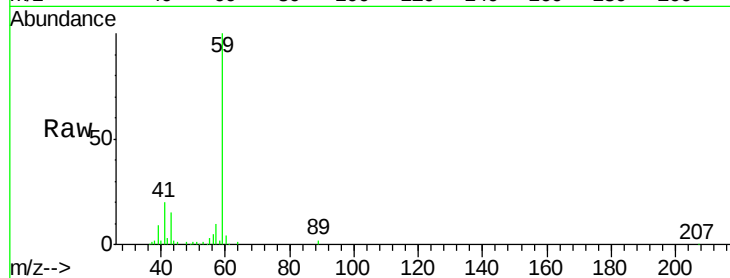
Tert butyl alcohol
Concen: 119.238 ug/l
RT: 3.04 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	7.9	11.9

Manual Integrations
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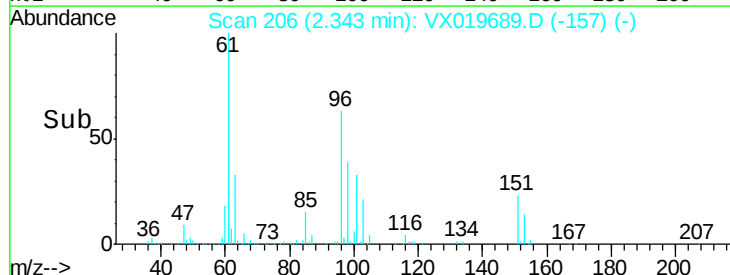
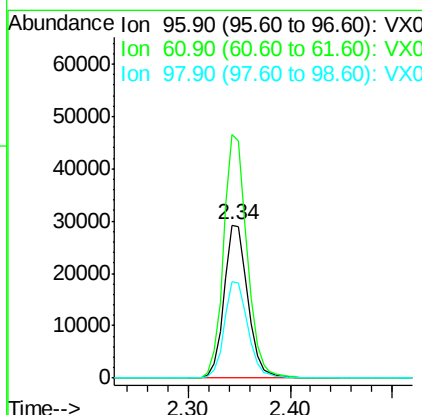
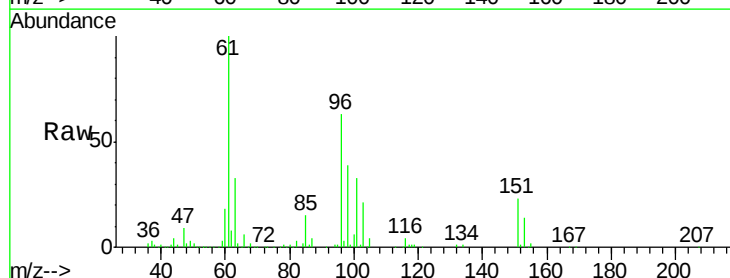
MMDadoda
12/2/2020 12:44:01 PM

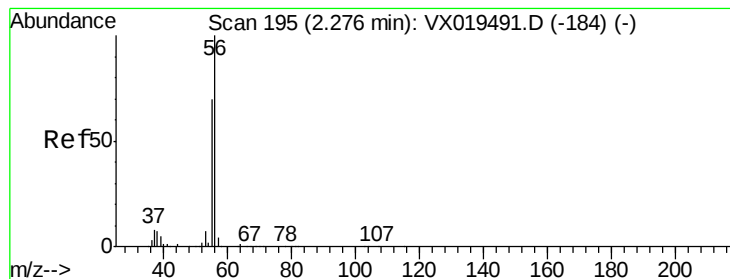


#12

1,1-Dichloroethene
Concen: 17.481 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	126.0	189.0
98	62.7	52.0	78.0





#13

Acrolein

Concen: 66.178 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 56 Resp: 29504

Ion Ratio Lower Upper

56 100

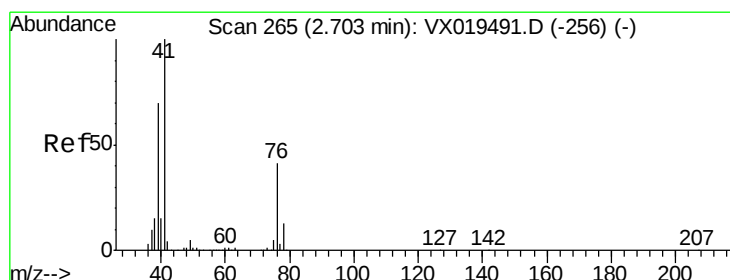
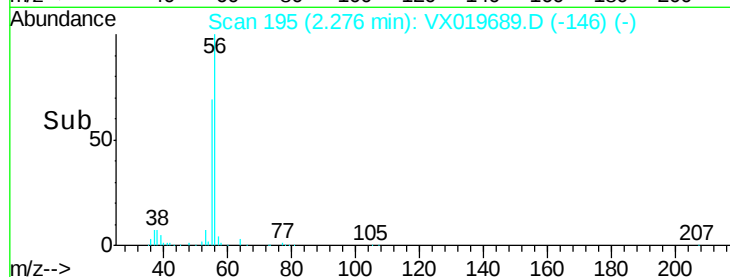
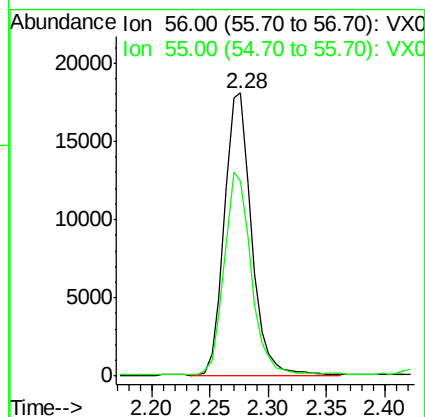
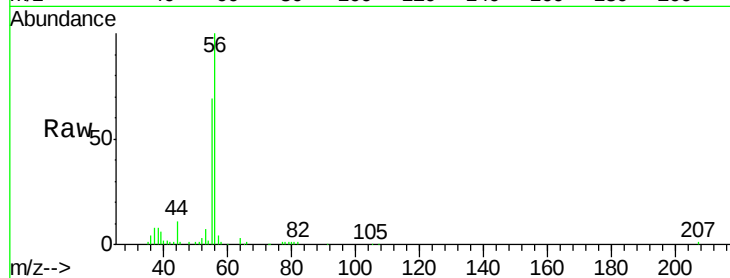
55 69.8 55.5 83.3

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 18.643 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

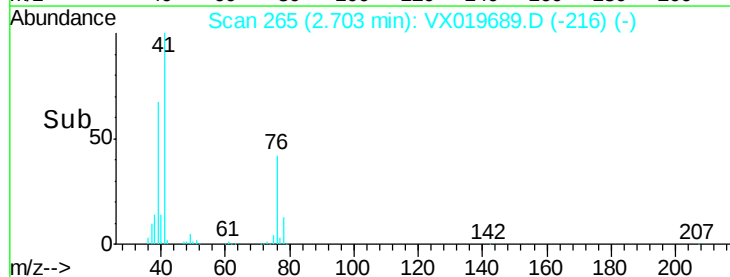
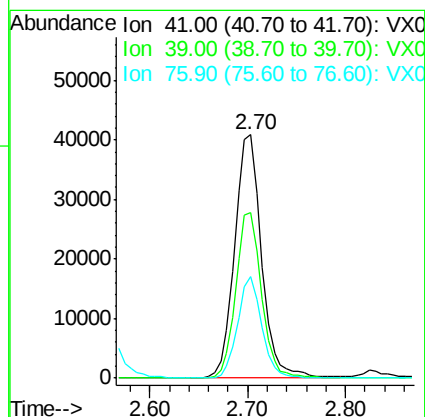
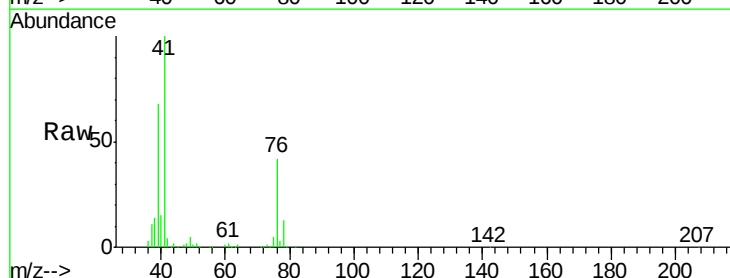
Tgt Ion: 41 Resp: 78370

Ion Ratio Lower Upper

41 100

39 64.5 53.0 79.4

76 37.3 31.0 46.6





#15

Acrylonitrile

Concen: 104.289 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

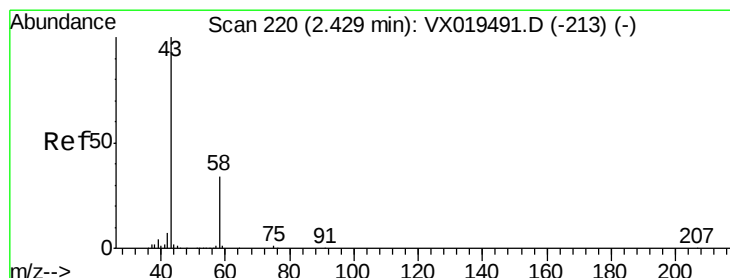
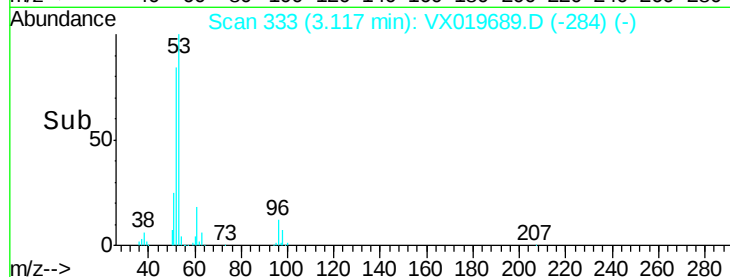
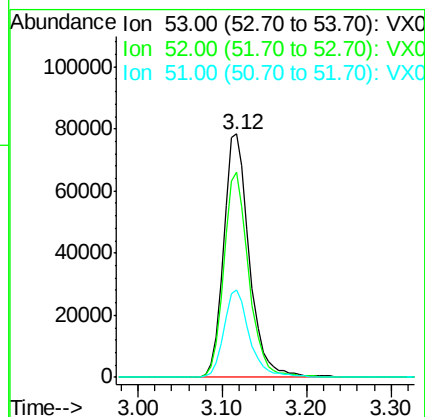
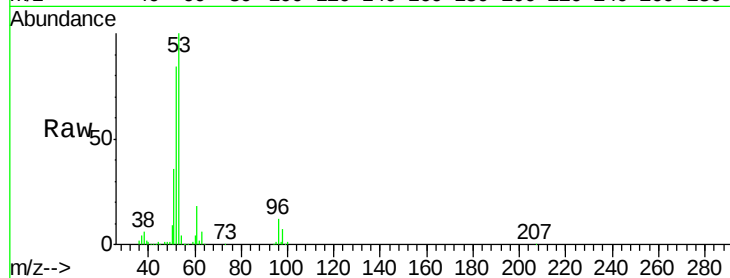
ClientSampleId :

VX1201WBSD01

Tot Ion:	53	Resp:	163125
Ion Ratio		Lower	Upper
53	100		
52	82.2	66.2	99.2
51	36.5	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 101.017 ug/l

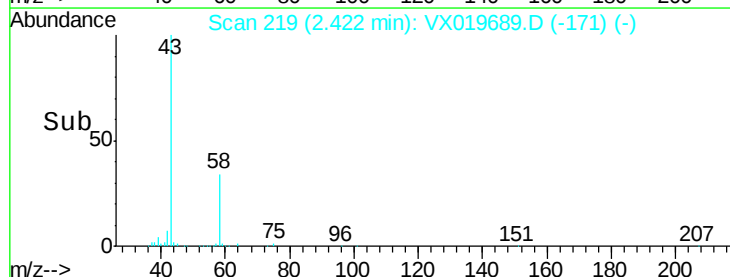
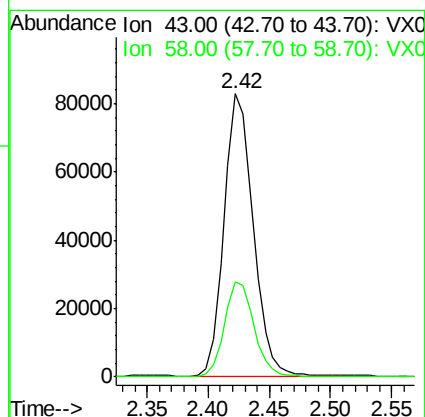
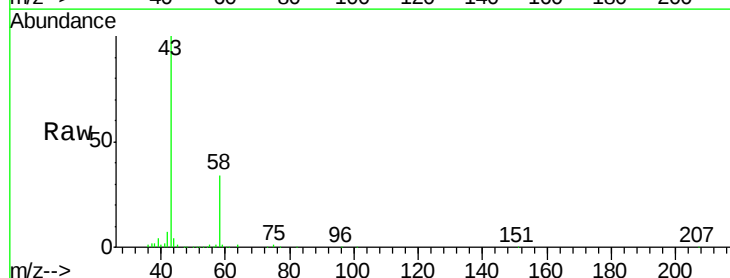
RT: 2.42 min Scan# 219

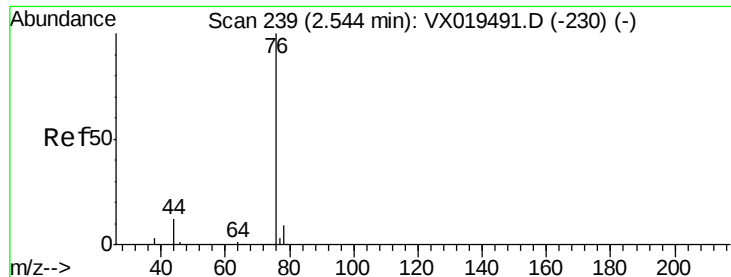
Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Tgt Ion:	43	Resp:	136906
Ion Ratio		Lower	Upper
43	100		
58	33.8	27.4	41.2





#17

Carbon Disulfide

Concen: 15.903 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 76 Resp: 114645

Ion Ratio Lower Upper

76 100

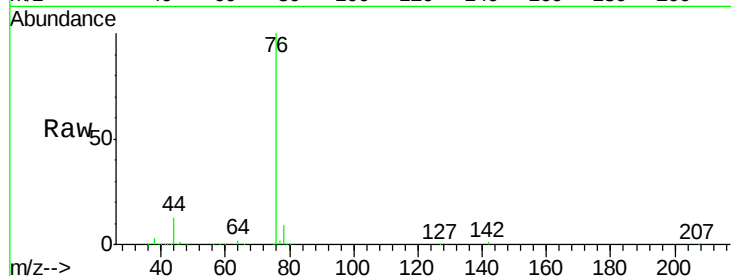
78 9.0 7.2 10.8

Manual Integrations

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12/2/2020 12:44:01 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

80000

60000

40000

20000

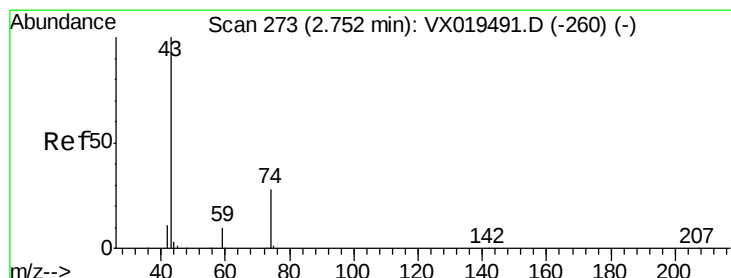
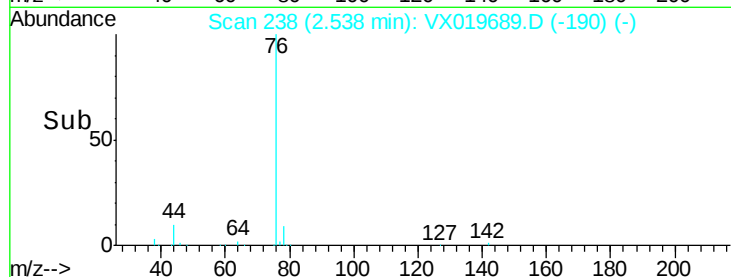
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 21.747 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019689.D

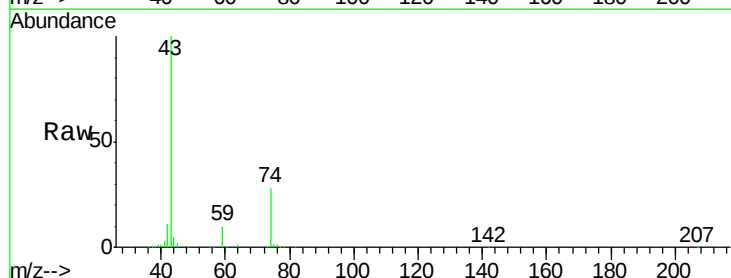
Acq: 01 Dec 2020 12:50

Tgt Ion: 43 Resp: 71059

Ion Ratio Lower Upper

43 100

74 27.9 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

40000

30000

20000

10000

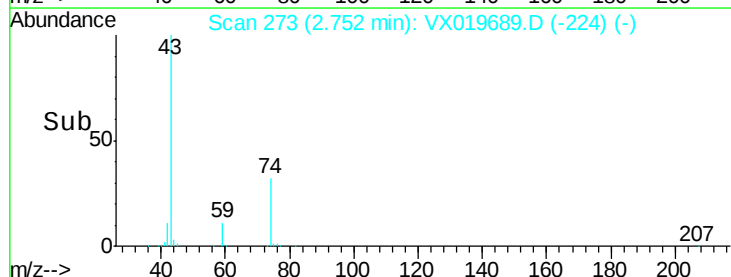
0

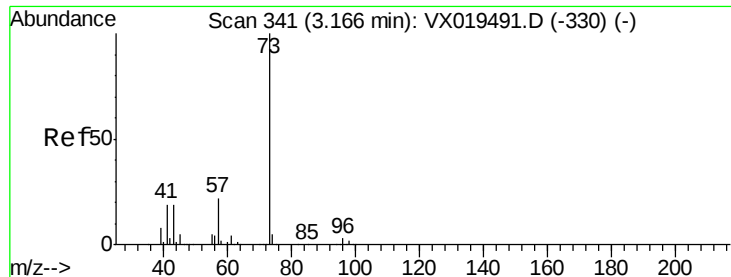
Time-->

2.70

2.80

2.90





#19

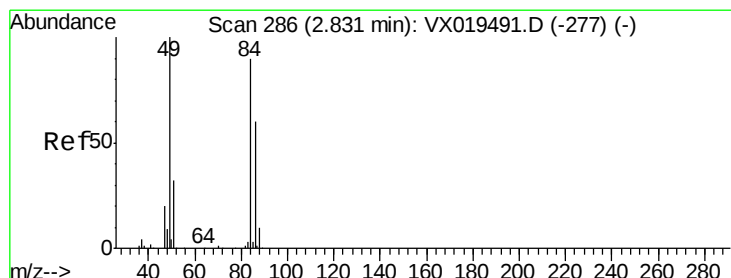
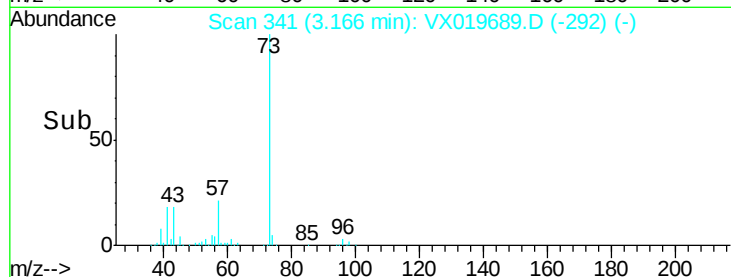
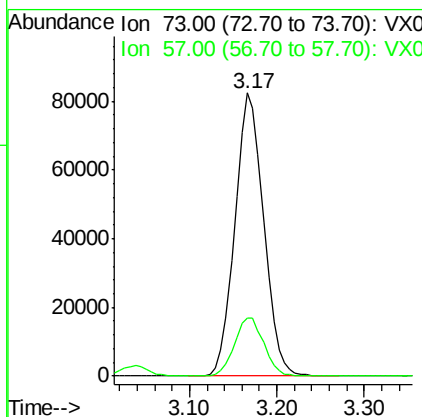
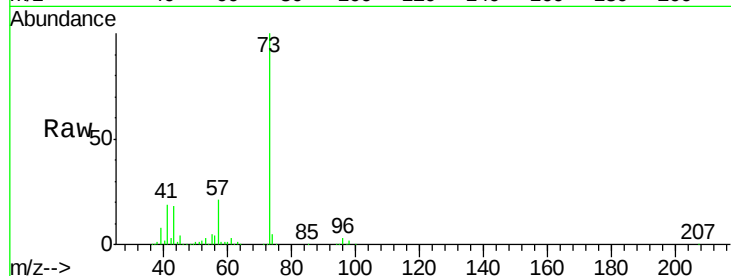
Methyl tert-butyl Ether
 Concen: 20.374 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.3	25.9

Manual Integrations
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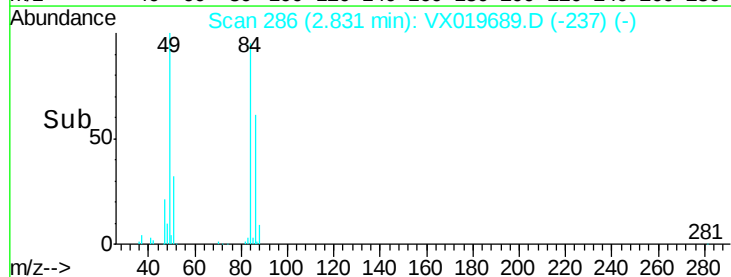
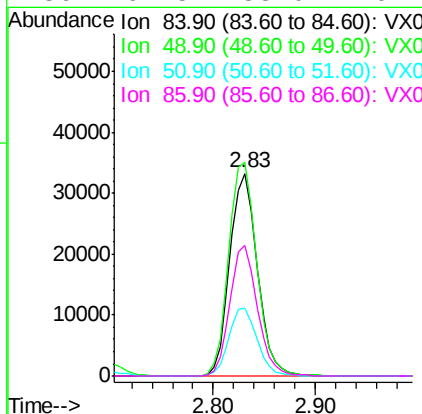
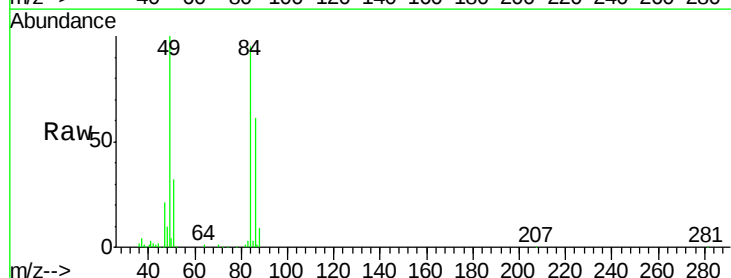
MMDadoda
 12/2/2020 12:44:01 PM

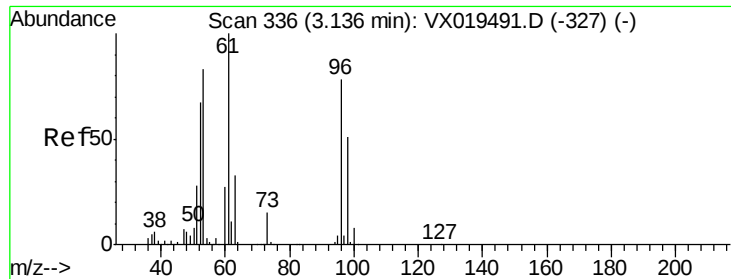


#20

Methylene Chloride
 Concen: 18.385 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.6	88.5	132.7
51	33.7	28.0	42.0
86	64.5	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 18.256 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

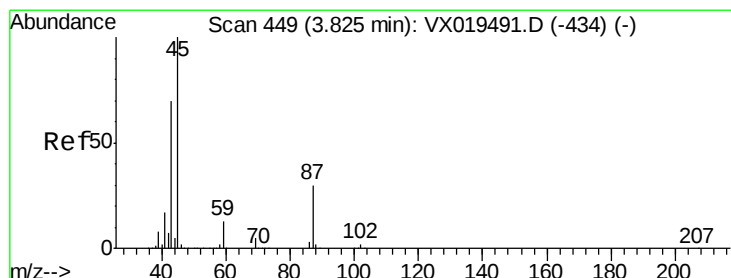
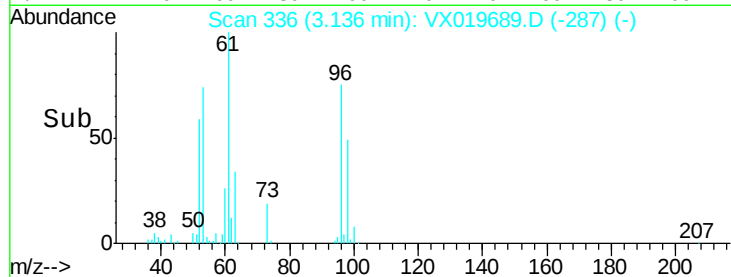
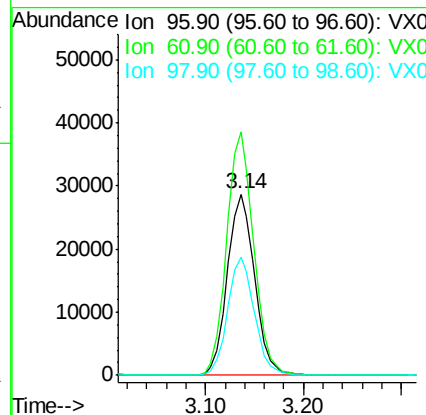
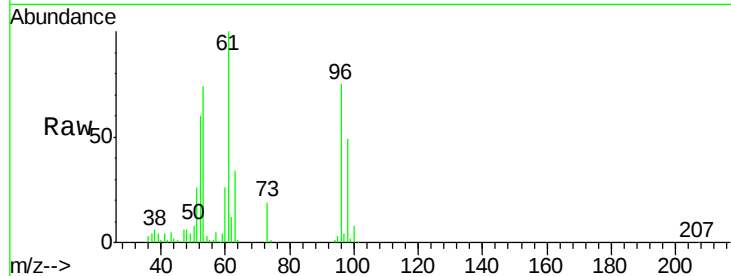
ClientSampleId :

VX1201WBSD01

Tot Ion:	96	Resp:	55504
Ion	Ratio	Lower	Upper
96	100		
61	134.0	102.9	154.3
98	65.5	52.1	78.1

Manual Integrations
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12/2/2020 12:44:01 PM



#22

Diisopropyl ether

Concen: 19.927 ug/l

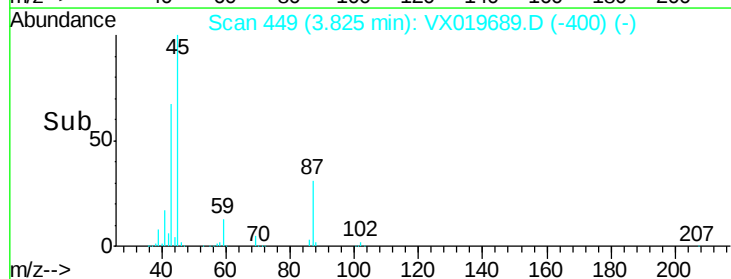
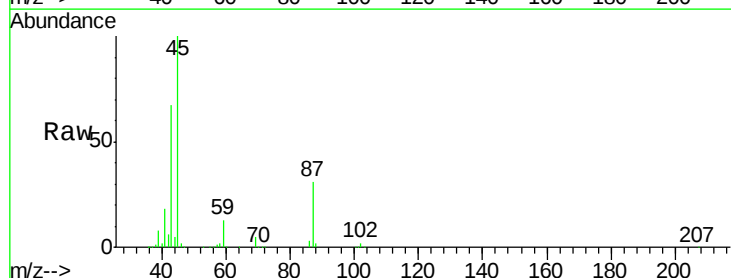
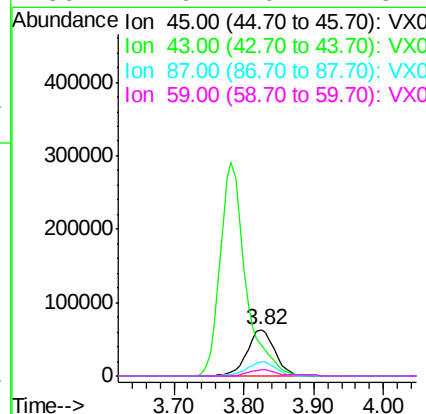
RT: 3.82 min Scan# 449

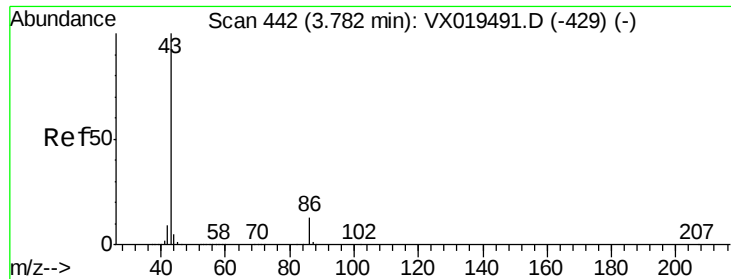
Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Tgt Ion:	45	Resp:	173295
Ion	Ratio	Lower	Upper
45	100		
43	66.7	56.1	84.1
87	31.4	24.2	36.2
59	12.9	10.2	15.2





#23

Vinyl Acetate

Concen: 100.943 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 43 Resp: 736327

Ion Ratio Lower Upper

43 100

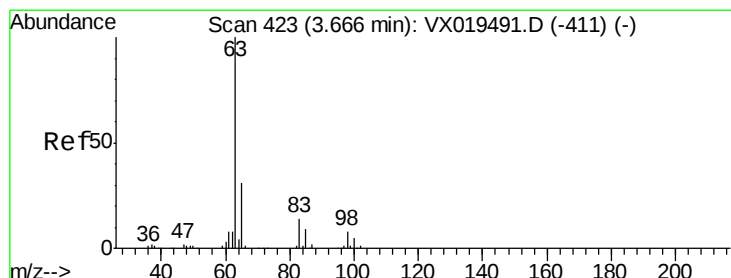
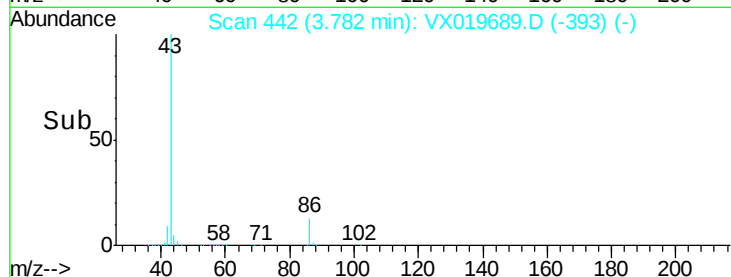
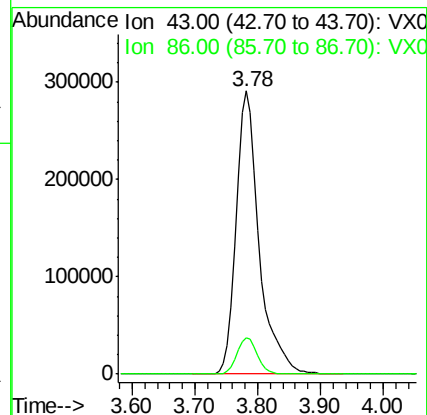
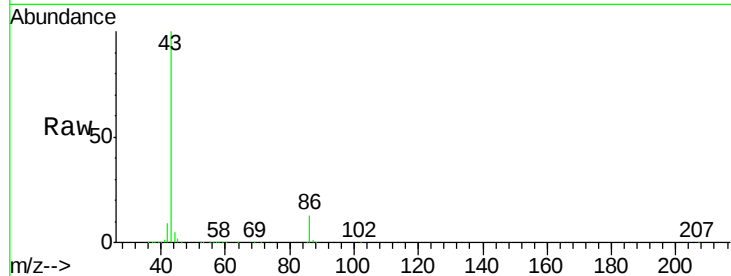
86 13.0 10.2 15.2

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 18.956 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

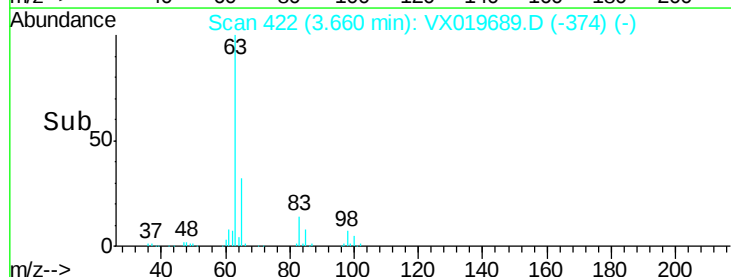
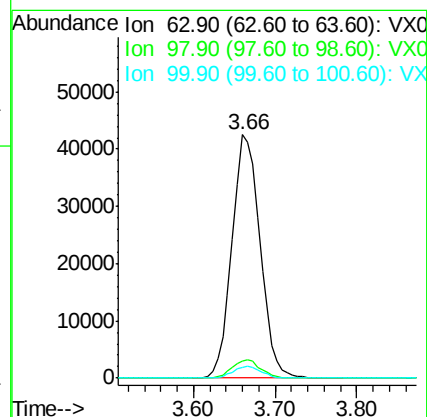
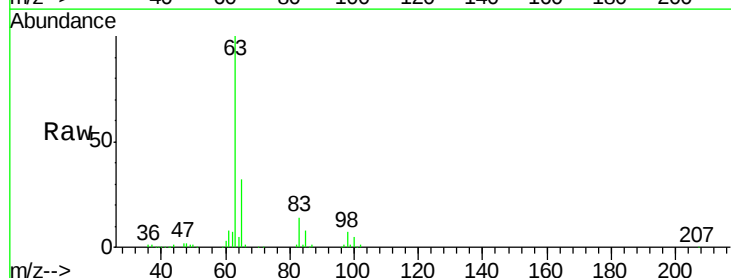
Tgt Ion: 63 Resp: 100831

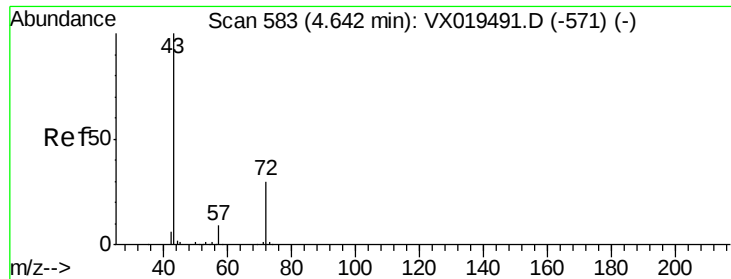
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 103.412 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 43 Resp: 210536

Ion Ratio Lower Upper

43 100

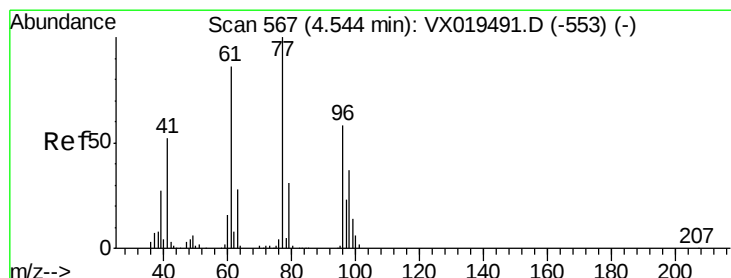
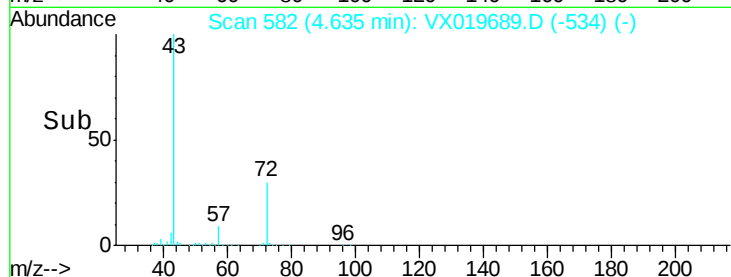
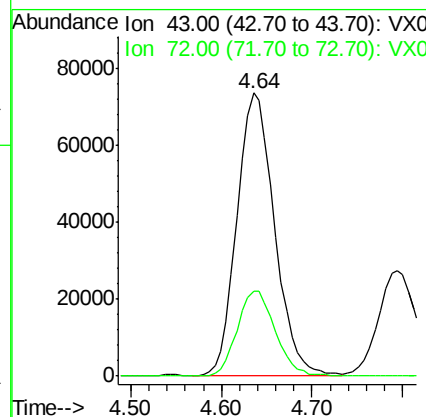
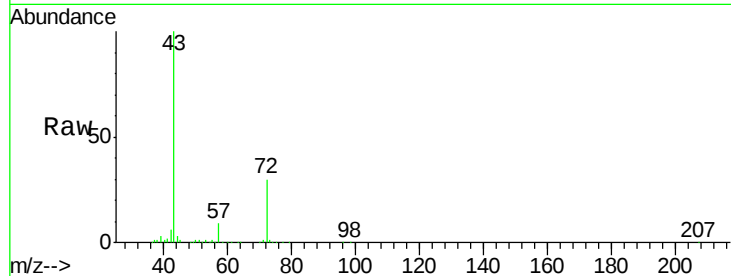
72 30.0 24.0 36.0

Manual Integrations

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MMDadoda

12/2/2020 12:44:01 PM



#26

2,2-Dichloropropane

Concen: 18.111 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019689.D

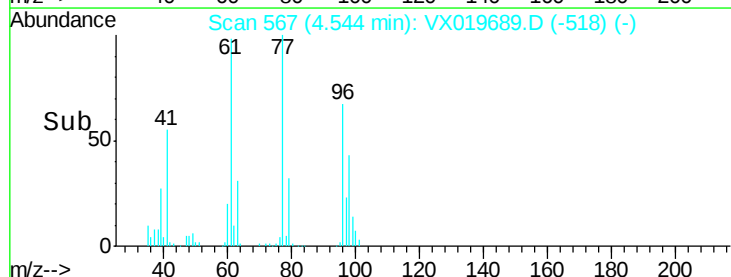
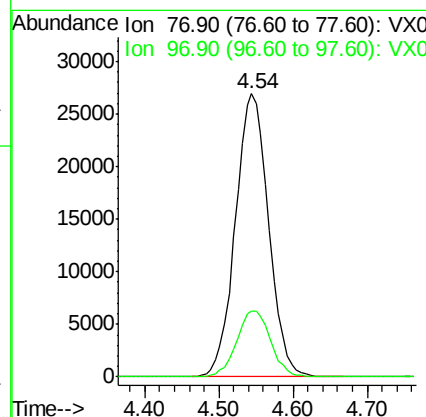
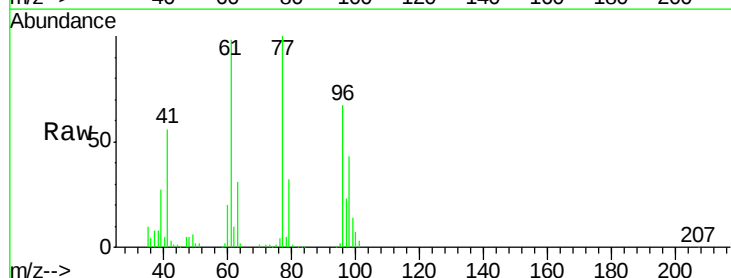
Acq: 01 Dec 2020 12:50

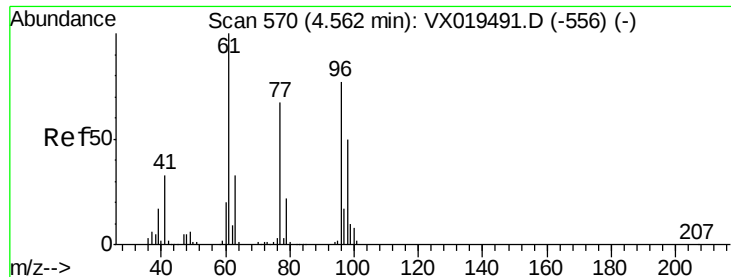
Tgt Ion: 77 Resp: 84087

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8





#27

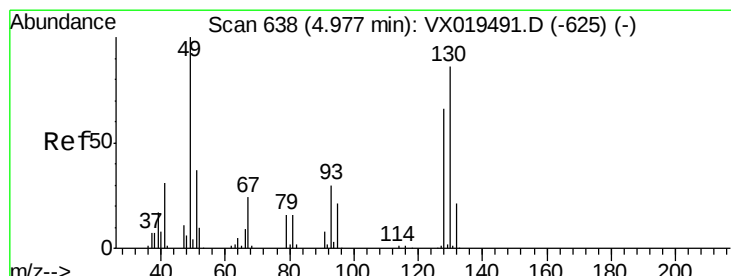
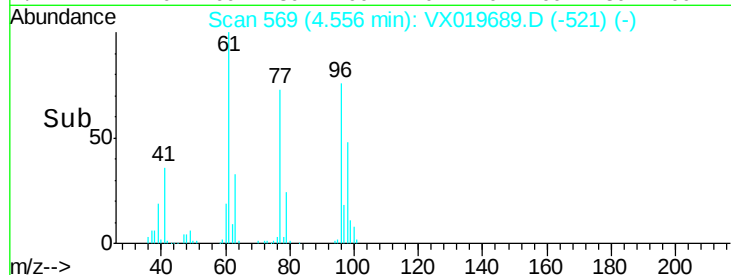
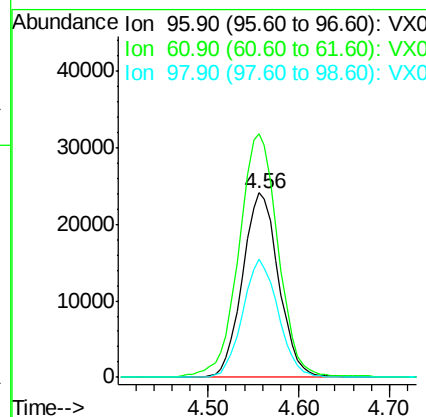
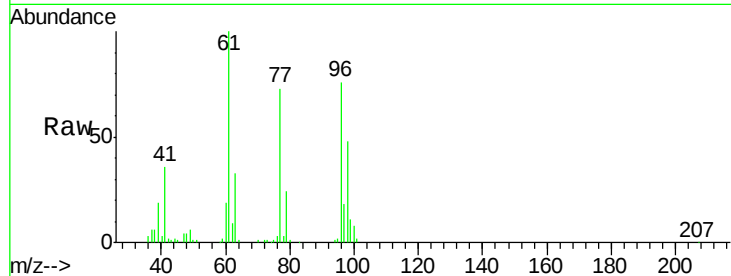
cis-1,2-Dichloroethene
Concen: 19.090 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	66670		
61	142.3		0.0	279.2
98	63.1		0.0	129.8

Manual Integrations
APPROVED

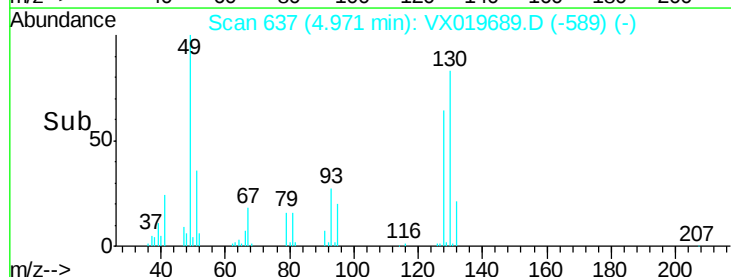
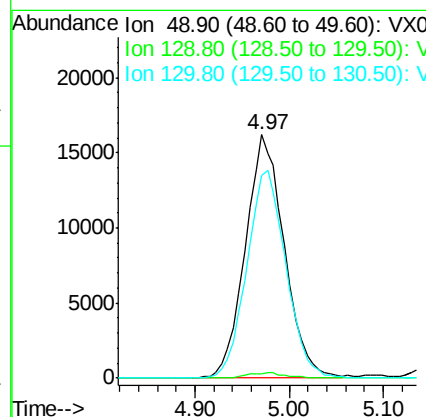
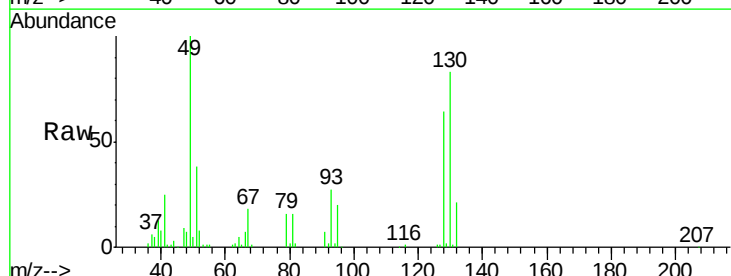
MMDadoda
12/2/2020 12:44:01 PM

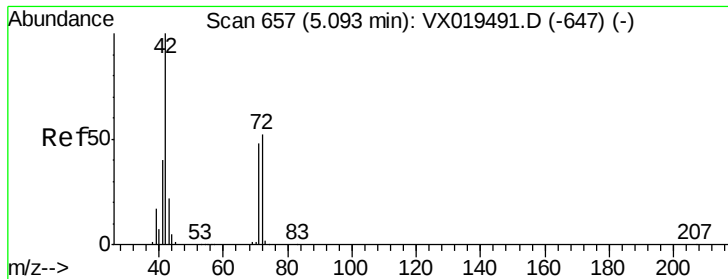


#28

Bromochloromethane
Concen: 18.436 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	46886		
129	2.0		0.0	4.2
130	85.8		69.0	103.6





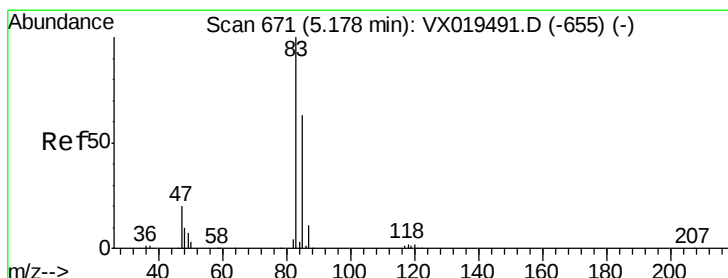
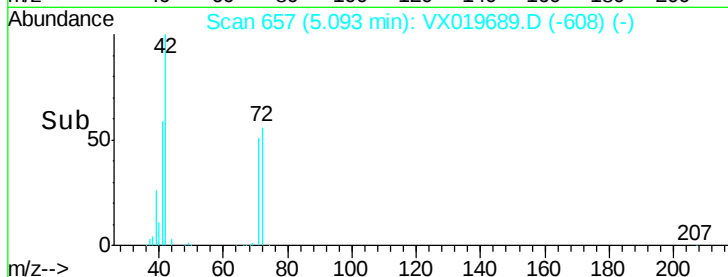
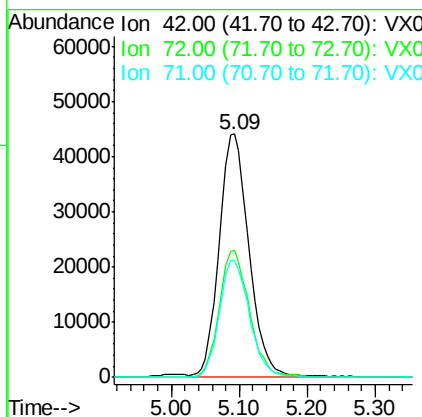
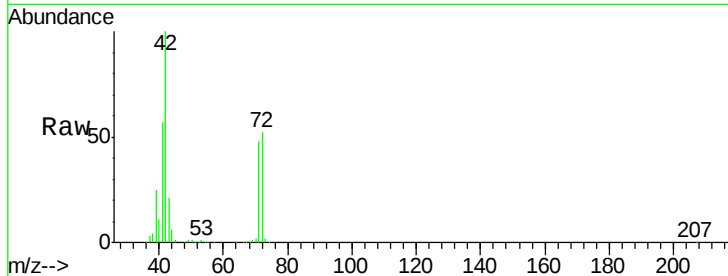
#29
Tetrahydrofuran
Concen: 102.969 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.1	42.6	63.8
71	48.8	39.0	58.6

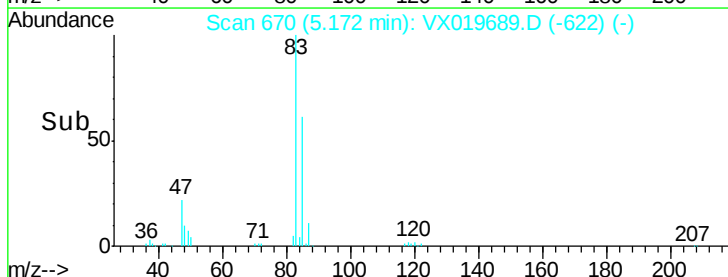
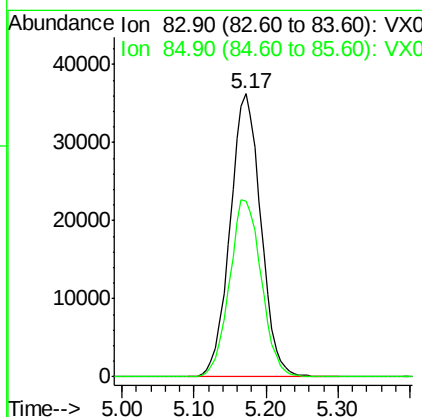
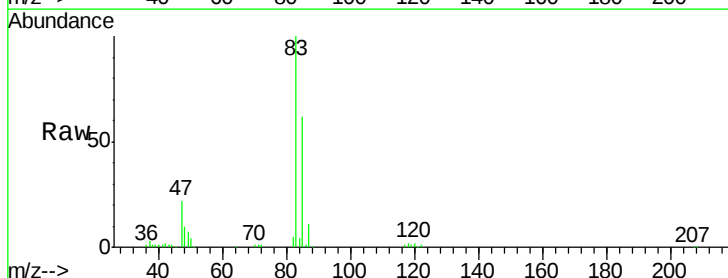
Manual Integrations
APPROVED

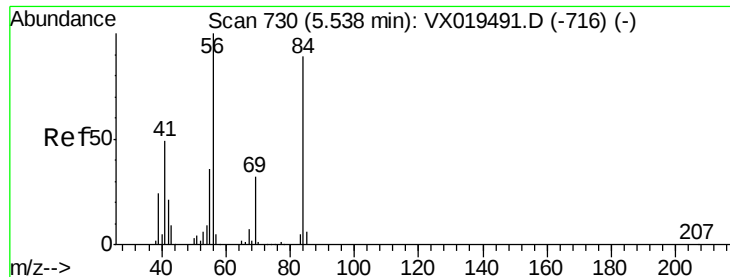
MMDadoda
12/2/2020 12:44:01 PM



#30
Chloroform
Concen: 19.333 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.5	75.7





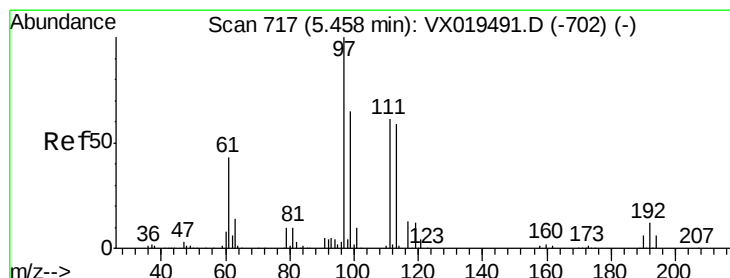
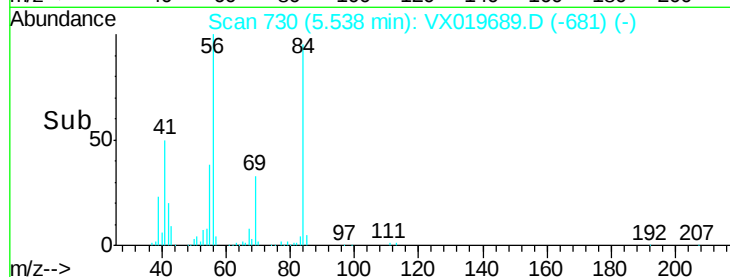
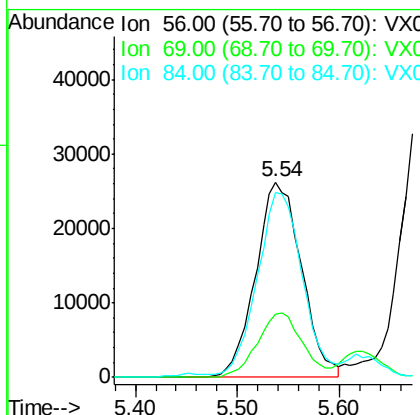
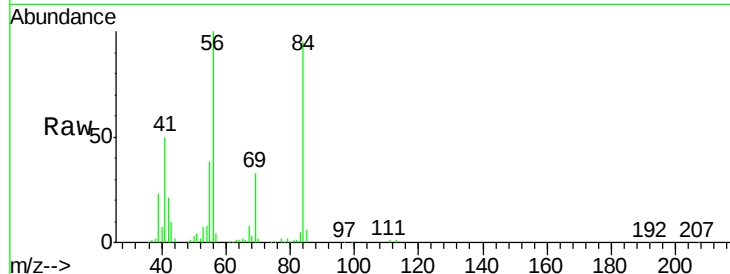
#31
Cyclohexane
Concen: 17.933 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.5	38.3
84	92.6	71.1	106.7

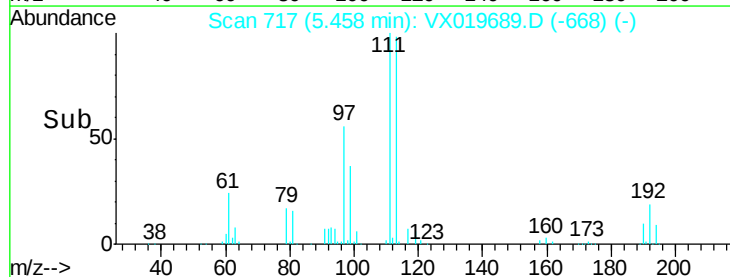
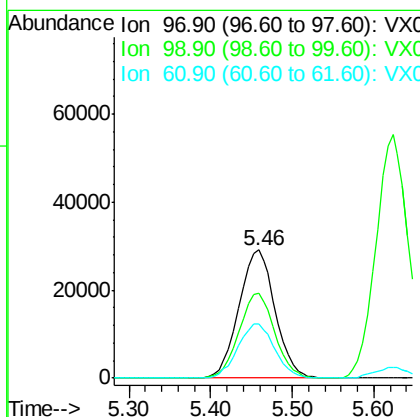
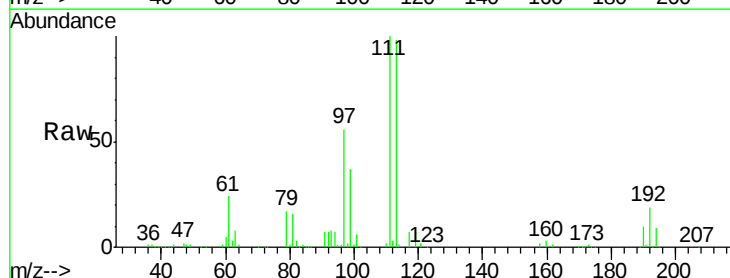
Manual Integrations
APPROVED

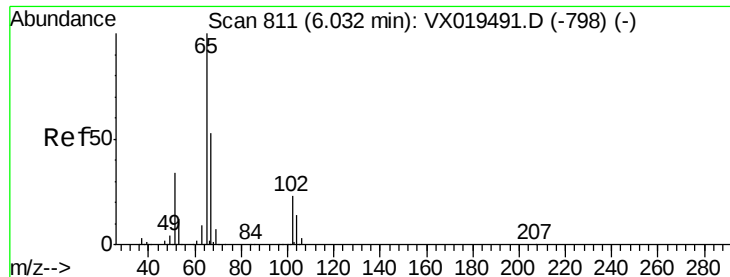
MMDadoda
12/2/2020 12:44:01 PM



#32
1,1,1-Trichloroethane
Concen: 18.711 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.0
61	43.3	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 50.889 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 65 Resp: 178344

Ion Ratio Lower Upper

65 100

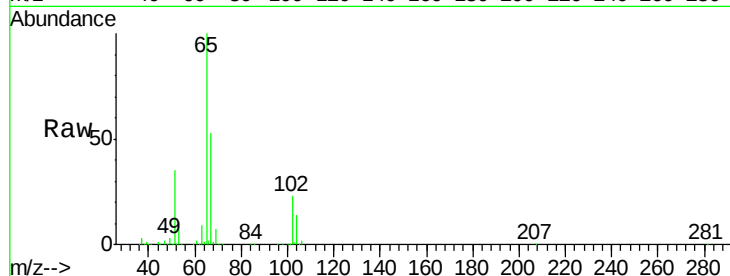
67 52.9 0.0 105.0

Manual Integrations

APPROVED

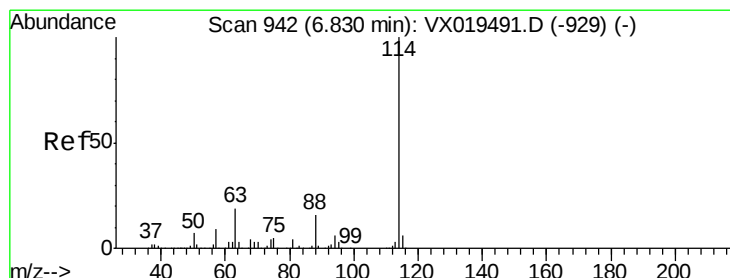
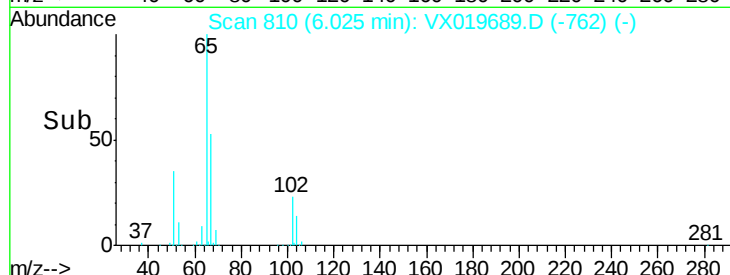
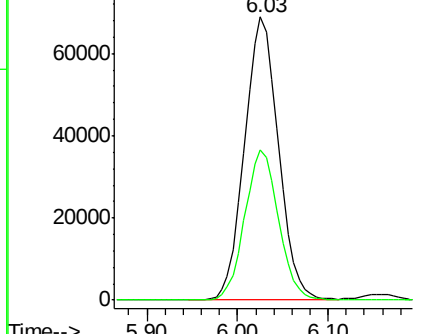
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

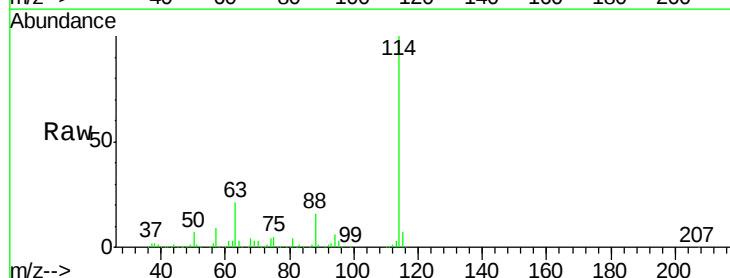
Tgt Ion: 114 Resp: 444075

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.8

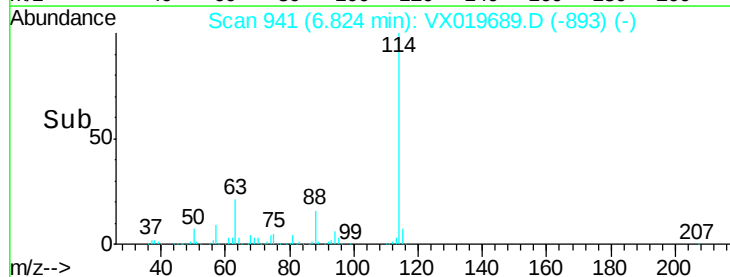
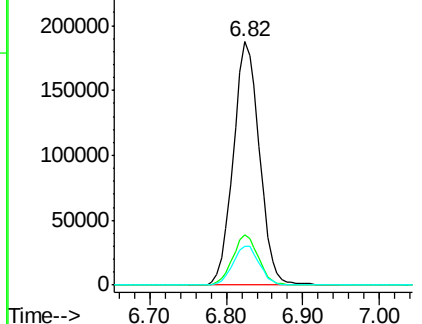
88 16.0 0.0 31.6

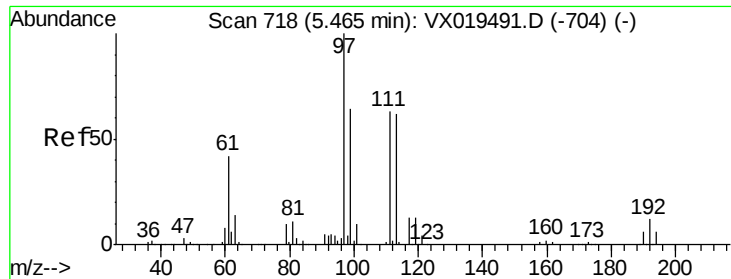


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





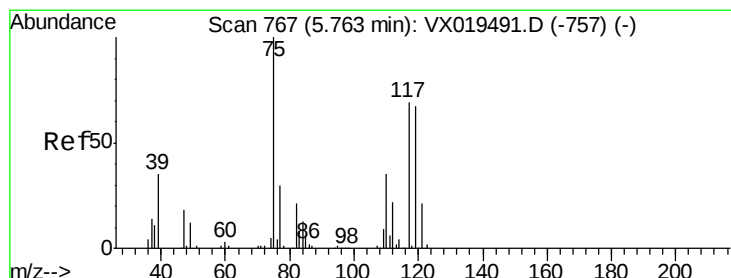
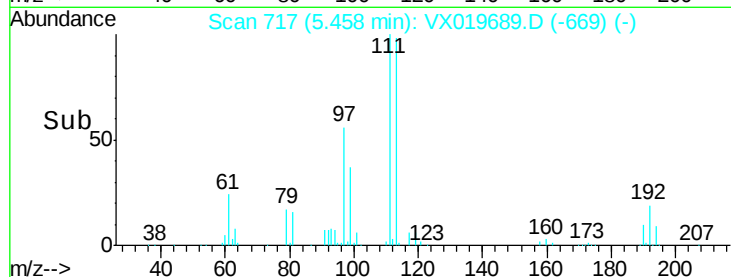
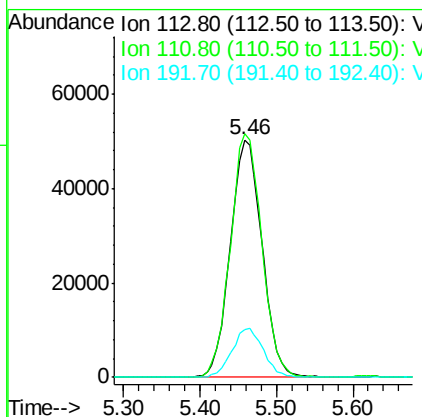
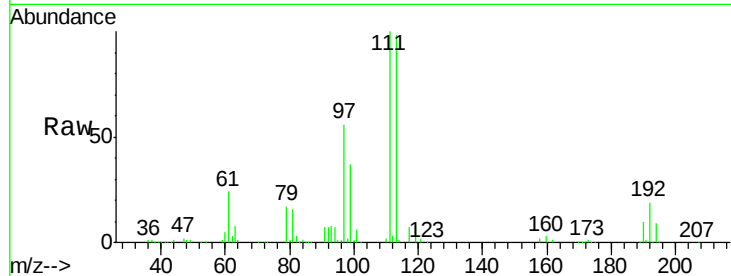
#35
Dibromofluoromethane
Concen: 51.835 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampled :
VX1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144489		
111	102.2	81.5	122.3	
192	20.4	16.2	24.2	

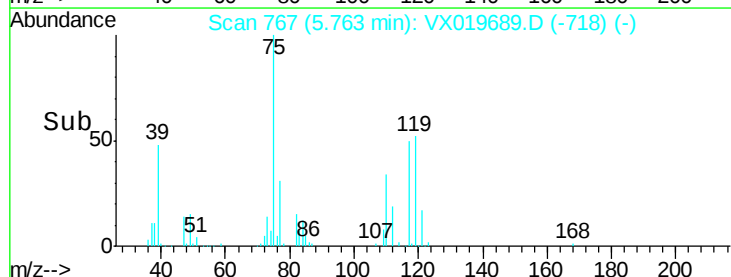
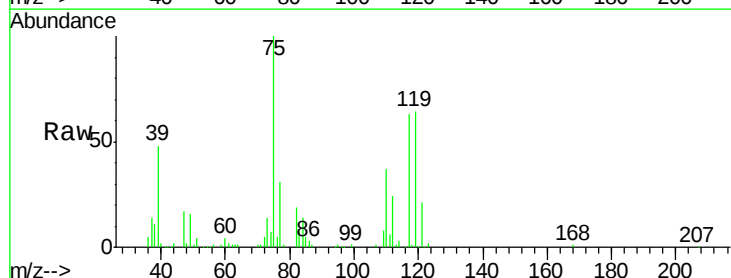
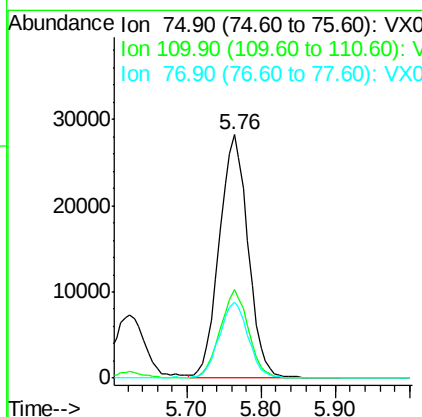
Manual Integrations
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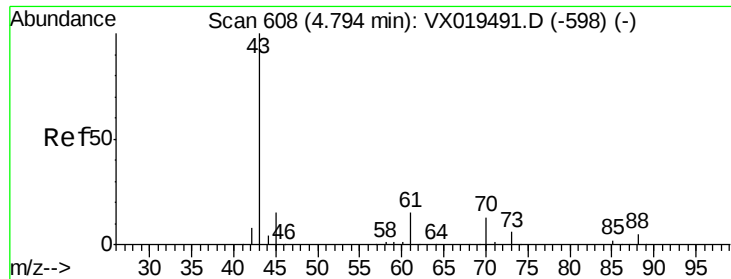
MMDadoda
12/2/2020 12:44:01 PM



#36
1,1-Dichloropropene
Concen: 18.231 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75901		
110	35.7	18.1	54.3	
77	31.2	24.2	36.4	





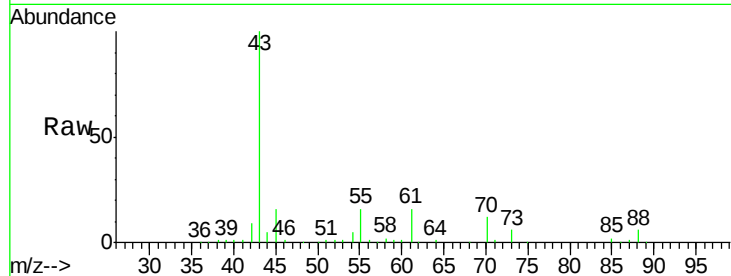
#37
Ethyl Acetate
Concen: 21.085 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleID :
VX1201WBSD01

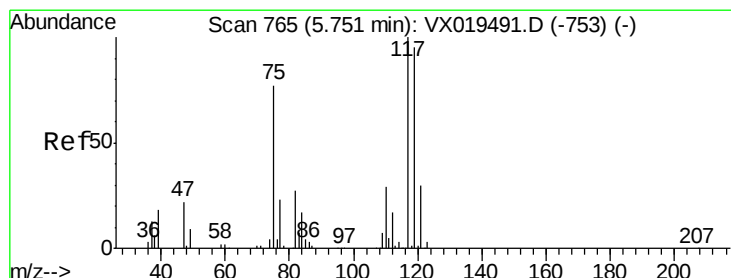
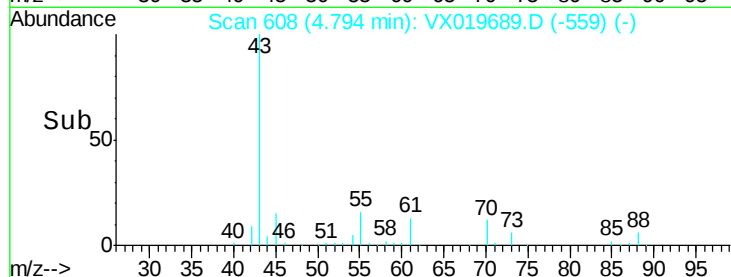
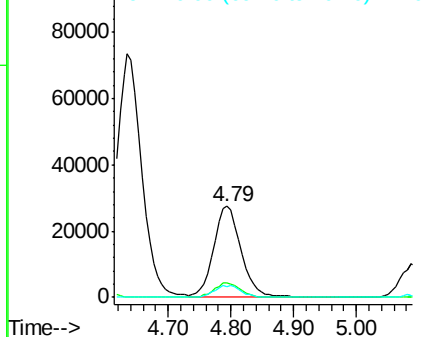
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.7	19.1
70	12.9	10.2	15.2

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:44:01 PM

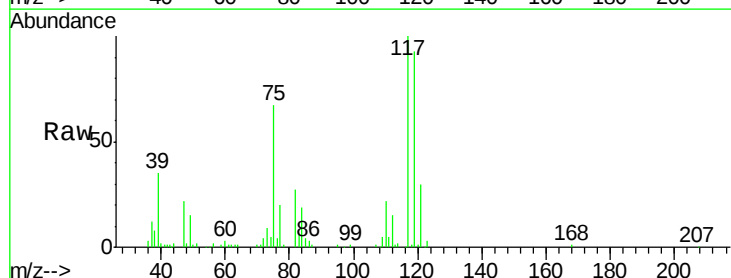


Abundance Ion 43.00 (42.70 to 43.70): VX019491.D (-598) (-)

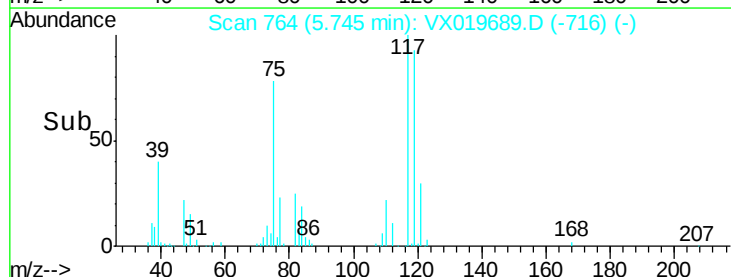
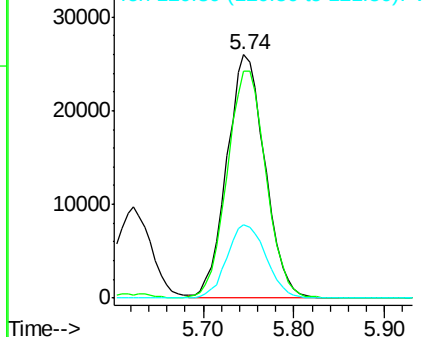


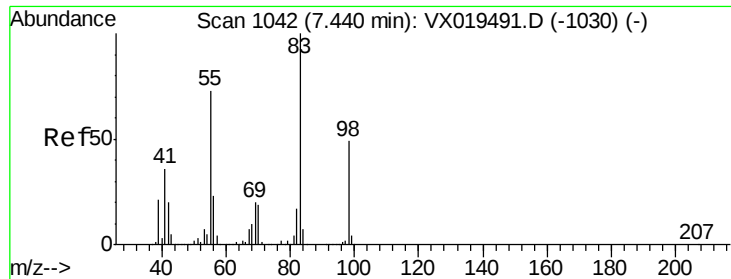
#38
Carbon Tetrachloride
Concen: 18.807 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.9	113.9
121	30.0	24.0	36.0



Abundance Ion 116.80 (116.50 to 117.50): VX019491.D (-753) (-)





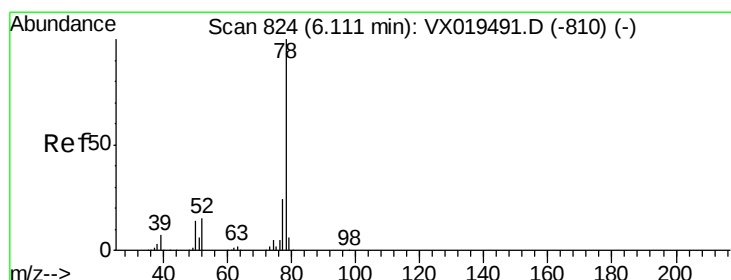
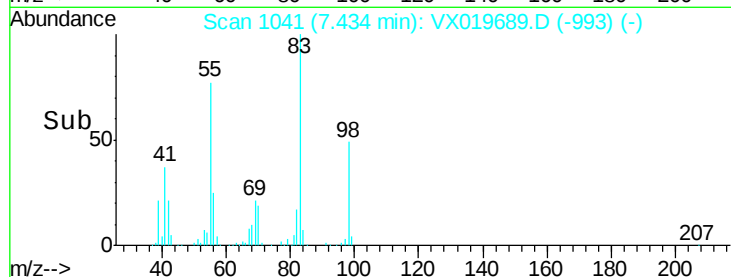
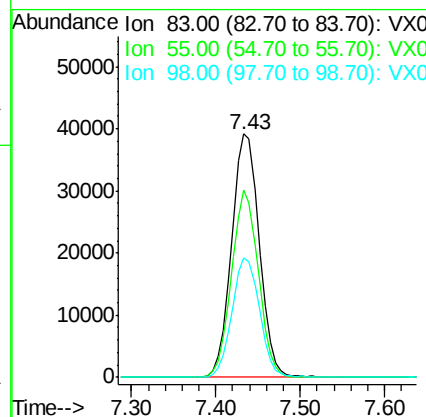
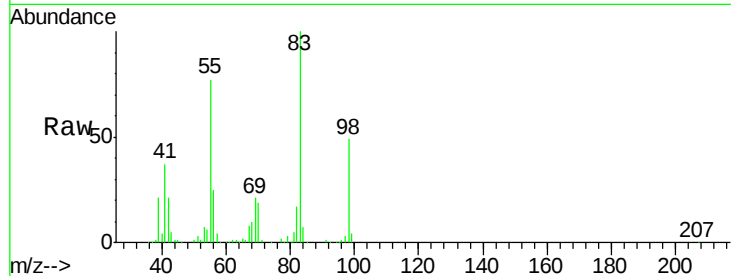
#39
Methvlcvclohexane
Concen: 17.946 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.7	58.3	87.5	
98	48.8	38.9	58.3	

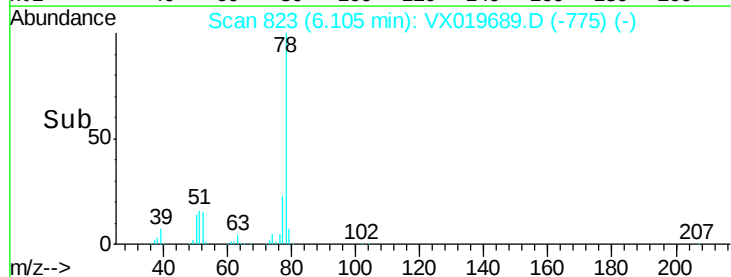
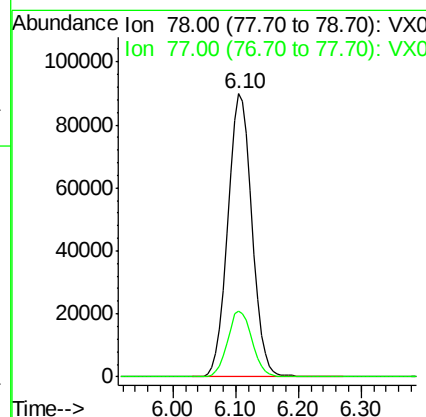
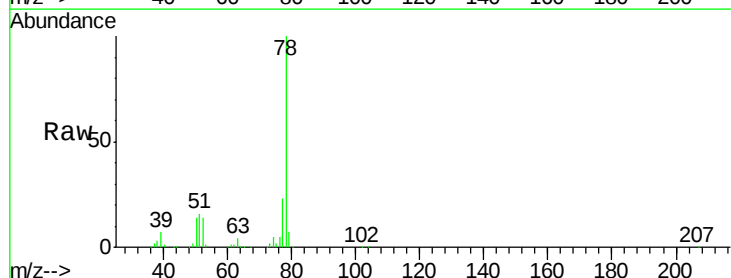
Manual Integrations
APPROVED

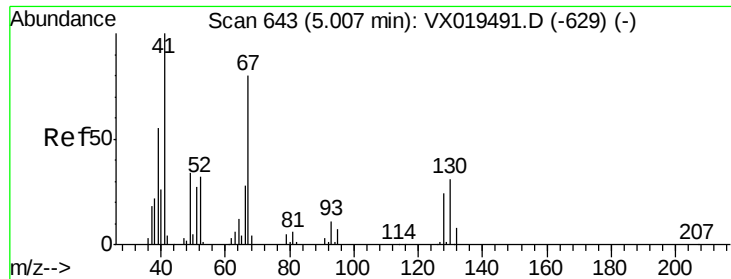
MMDadoda
12/2/2020 12:44:01 PM



#40
Benzene
Concen: 18.771 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	18.9	28.3	





#41

Methacrylonitrile

Concen: 20.323 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

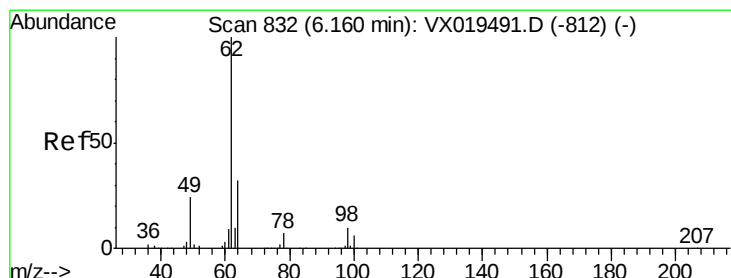
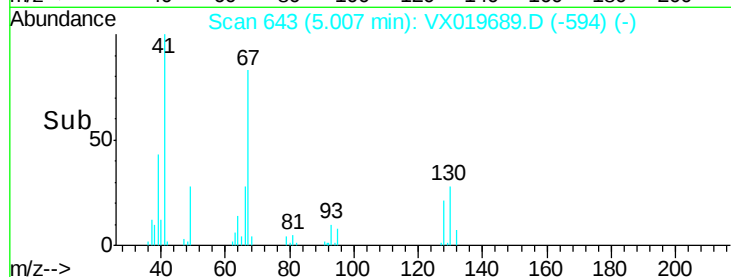
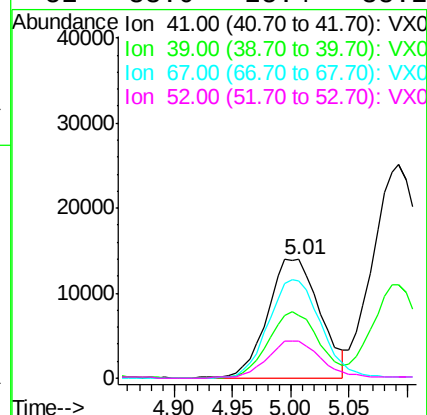
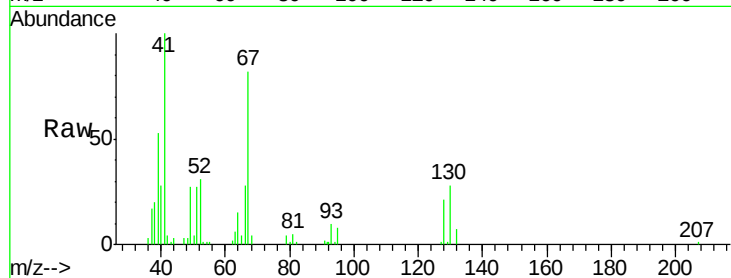
ClientSampleId :

VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.3	64.9
67	83.7	66.0	99.0
52	33.0	25.4	38.2

Manual Integrations
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12/2/2020 12:44:01 PM



#42

1,2-Dichloroethane

Concen: 19.628 ug/l

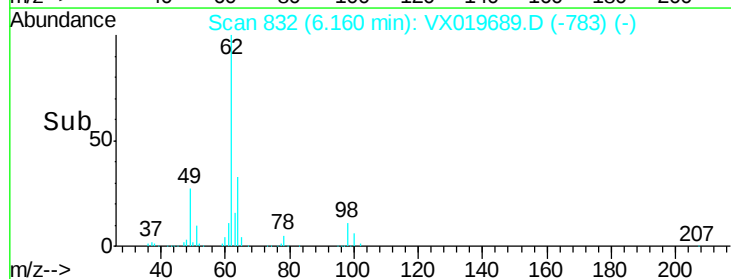
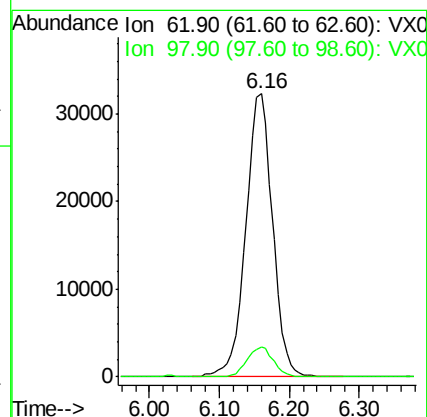
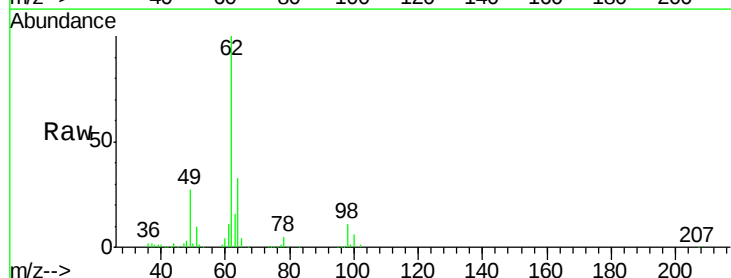
RT: 6.16 min Scan# 832

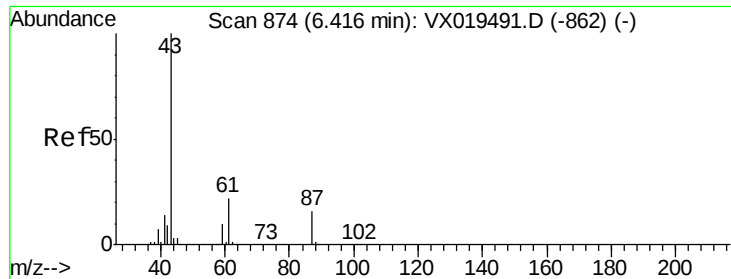
Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.0





#43

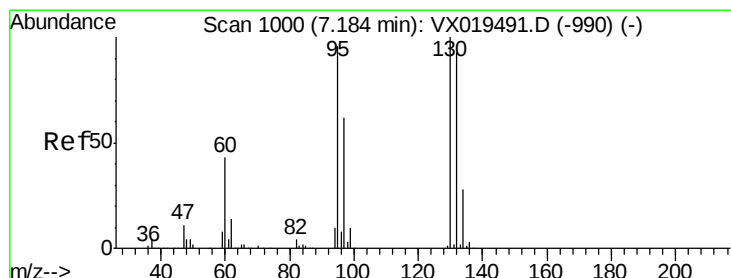
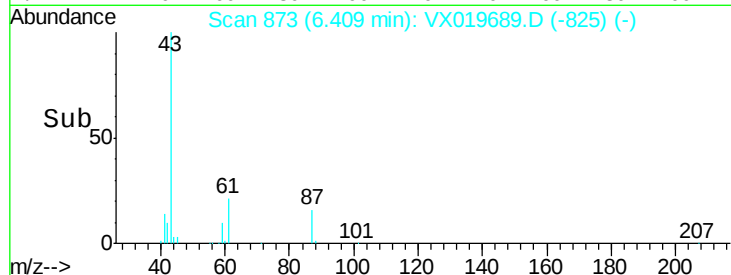
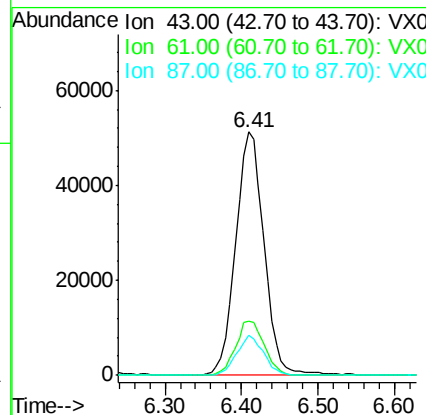
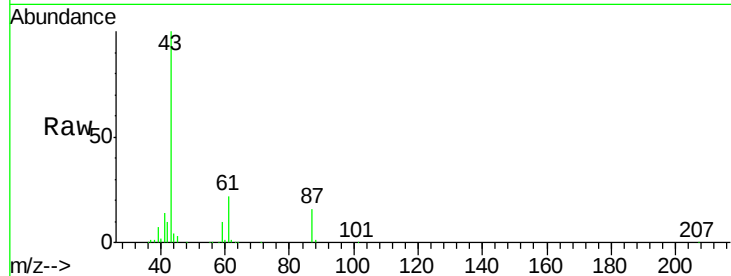
Isopropyl Acetate
 Concen: 19.811 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	15.6	12.6	18.8

Manual Integrations
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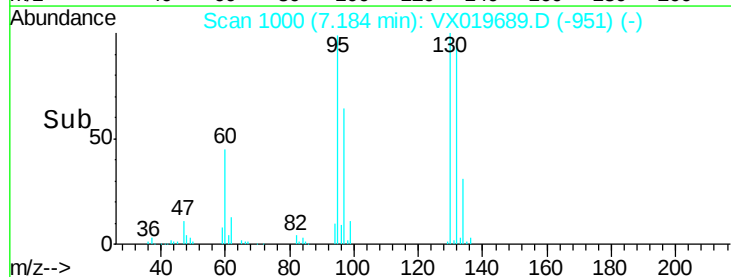
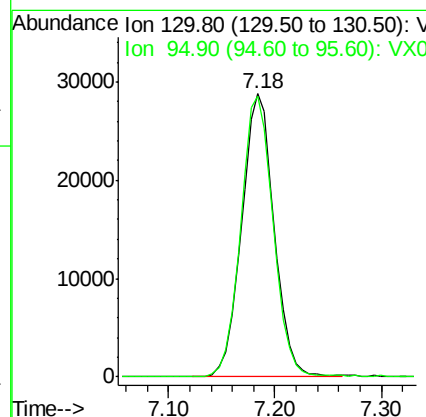
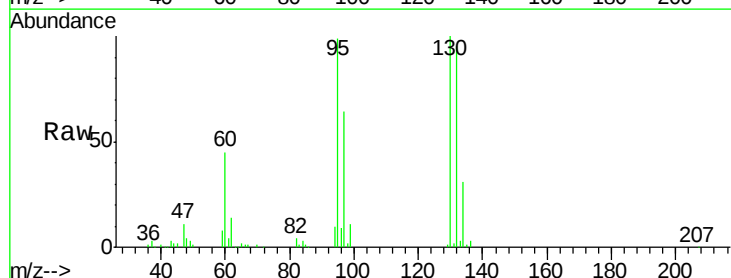
MMDadoda
 12/2/2020 12:44:01 PM

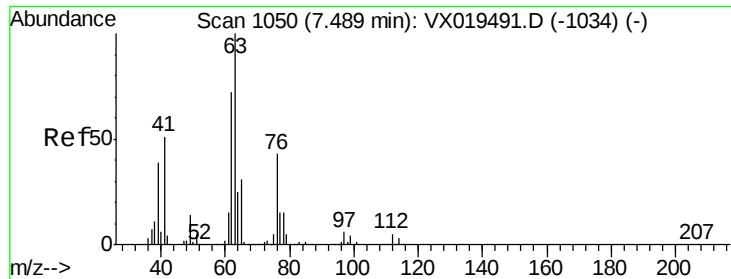


#44

Trichloroethene
 Concen: 18.316 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	191.2





#45

1,2-Dichloropropane

Concen: 19.439 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 63 Resp: 61214

Ion Ratio Lower Upper

63 100

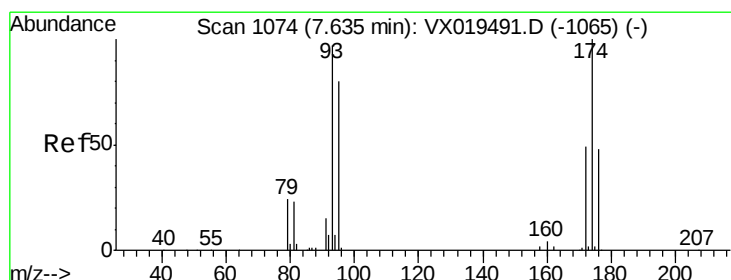
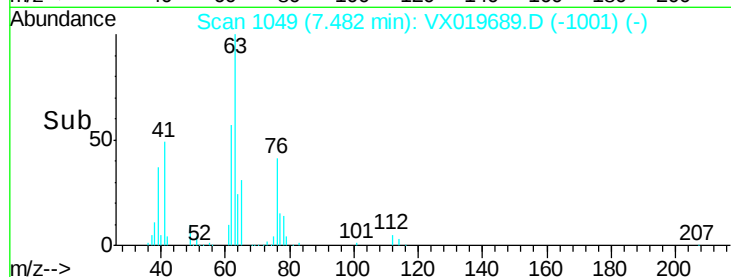
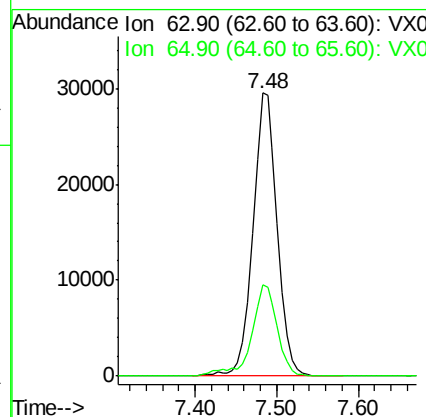
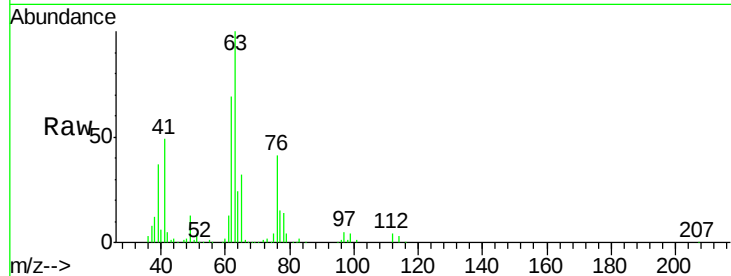
65 32.1 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 19.436 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

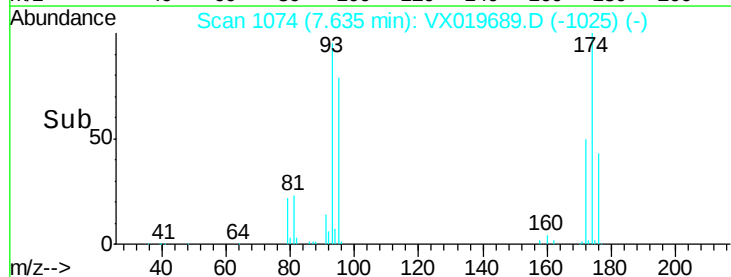
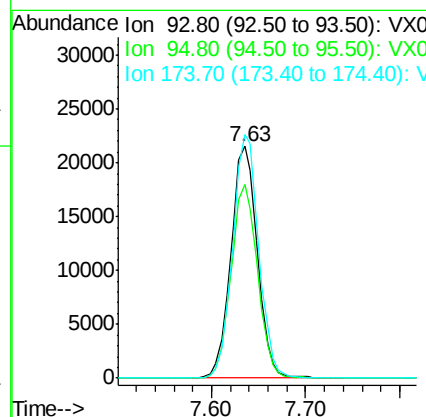
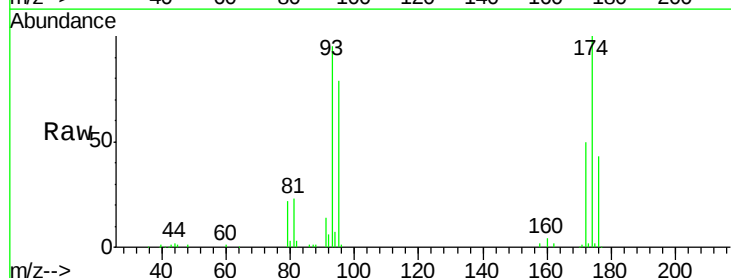
Tgt Ion: 93 Resp: 41890

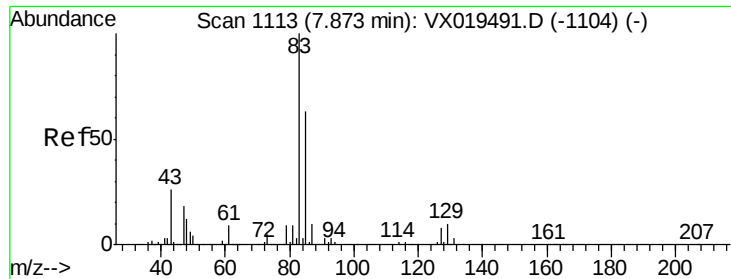
Ion Ratio Lower Upper

93 100

95 83.7 66.8 100.2

174 103.7 83.0 124.4





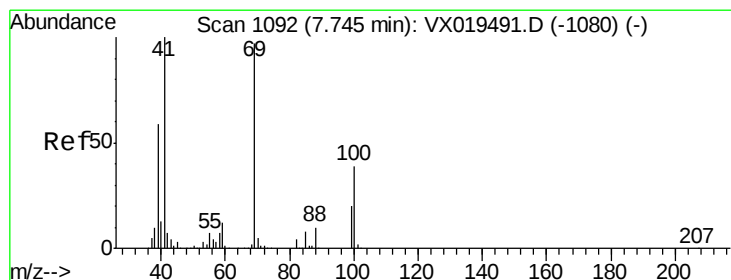
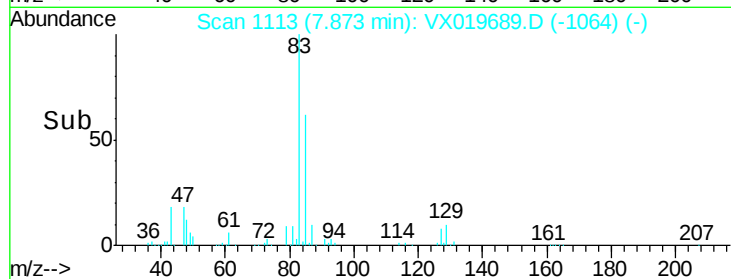
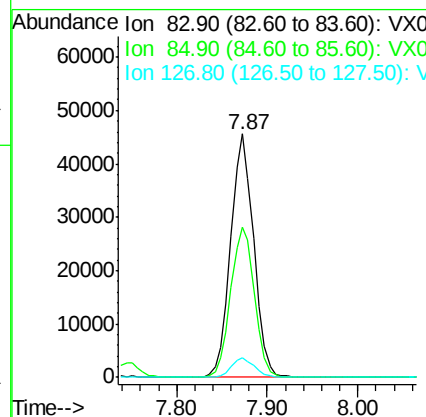
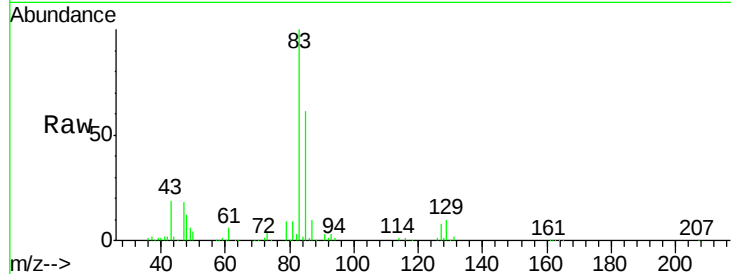
#47
Bromodichloromethane
Concen: 19.256 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	61.5	50.2	75.2	
127	8.2	6.4	9.6	

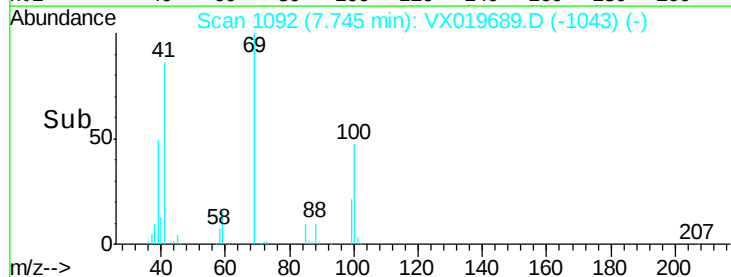
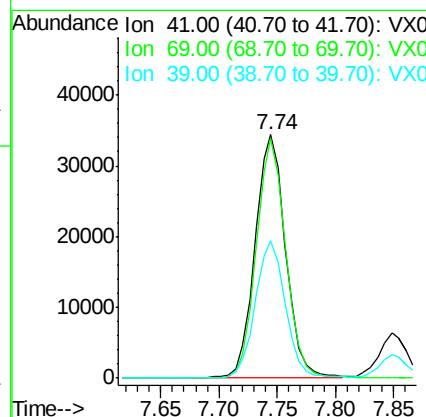
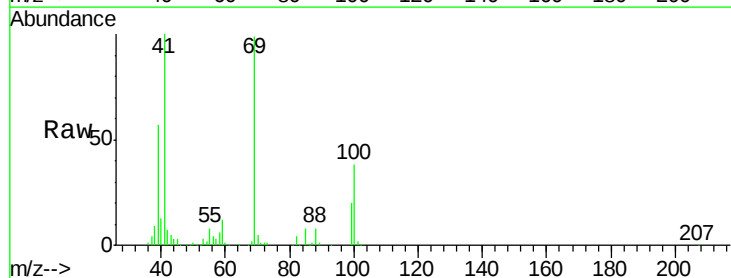
Manual Integrations
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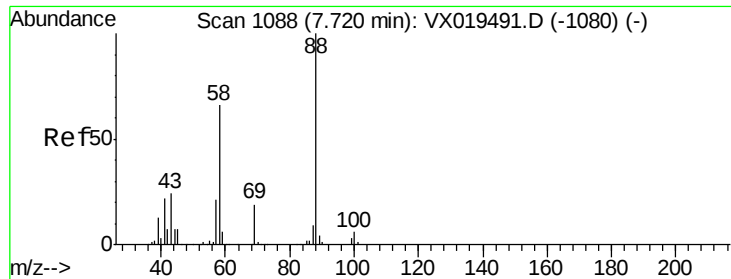
MMDadoda
12/2/2020 12:44:01 PM



#48
Methyl methacrylate
Concen: 20.341 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	95.9	77.0	115.6	
39	56.5	45.6	68.4	





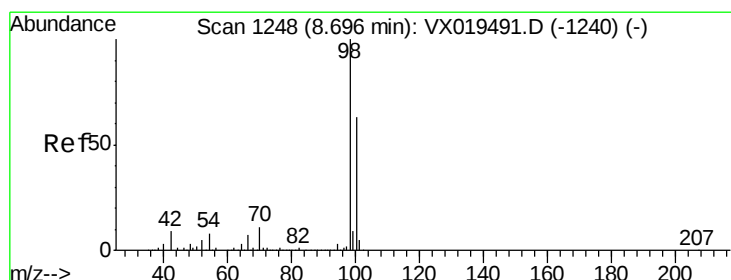
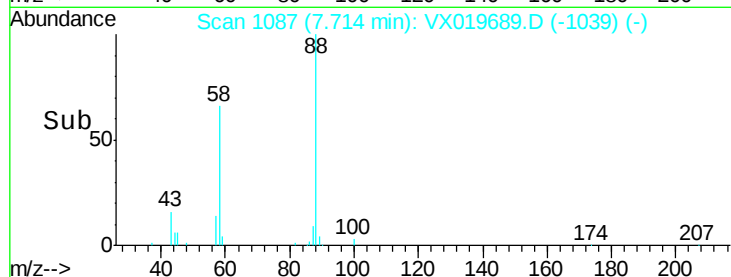
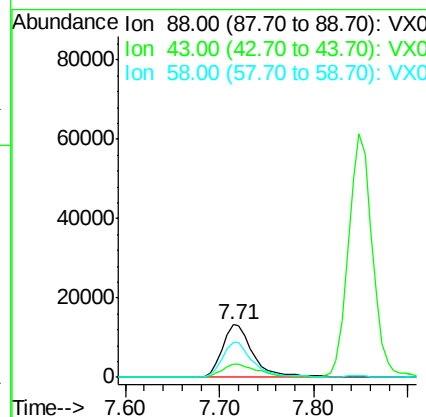
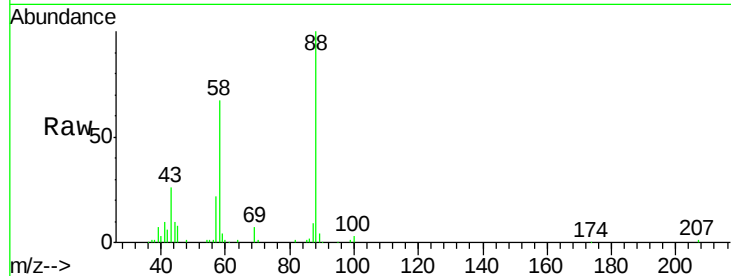
#49
1,4-Dioxane
Concen: 429.502 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.2	23.8	35.6
58	67.2	54.2	81.2

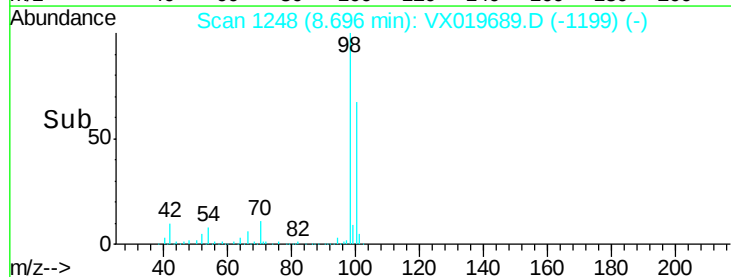
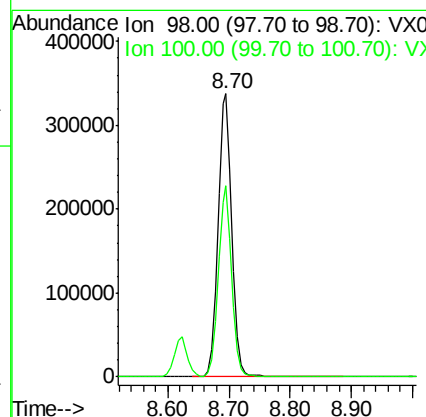
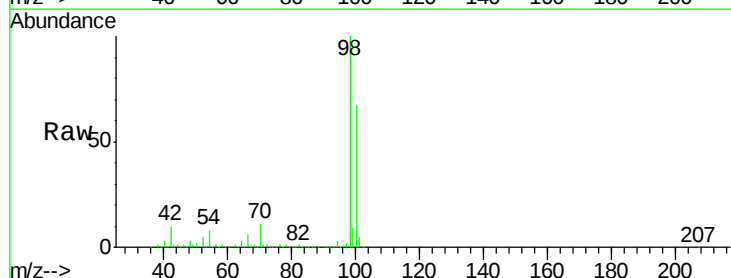
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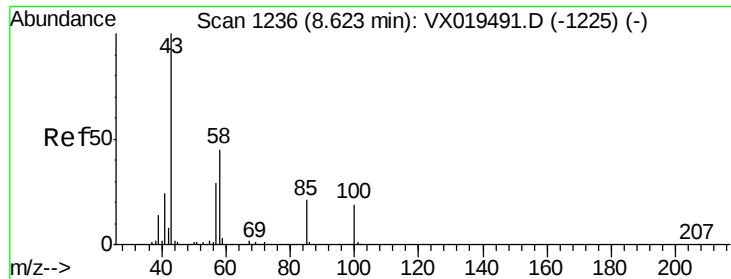
MMDadoda
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#50
Toluene-d8
Concen: 50.001 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 103.402 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 43 Resp: 396153

Ion Ratio Lower Upper

43 100

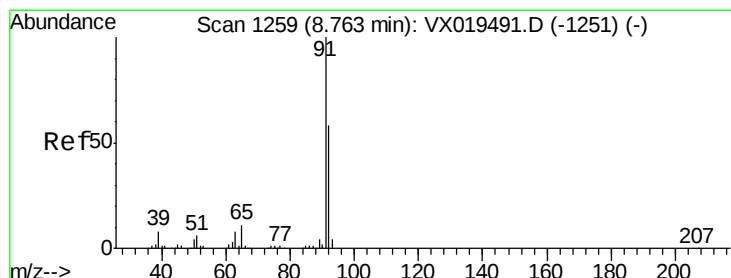
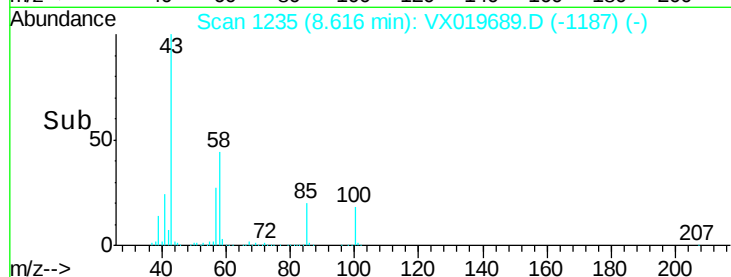
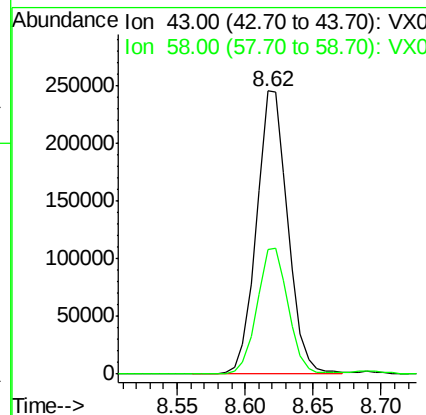
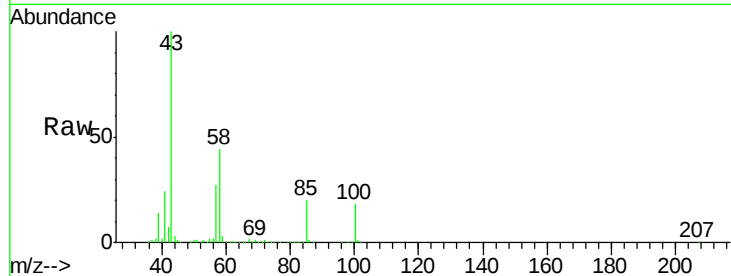
58 44.5 35.1 52.7

Manual Integrations

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#52

Toluene

Concen: 18.797 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019689.D

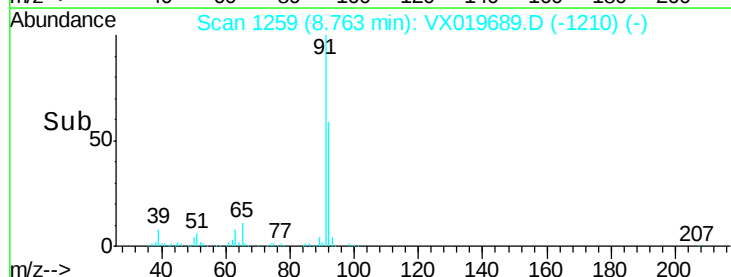
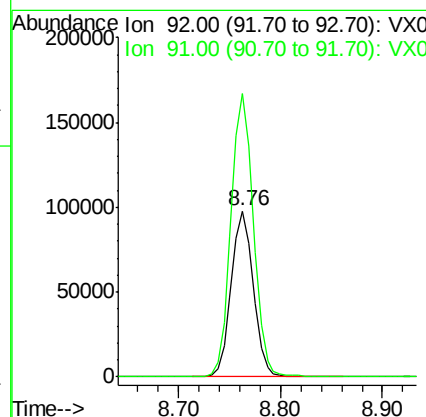
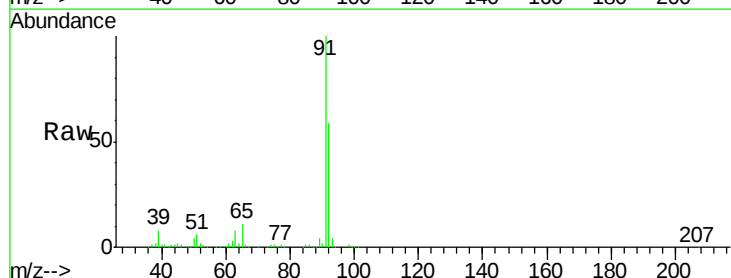
Acq: 01 Dec 2020 12:50

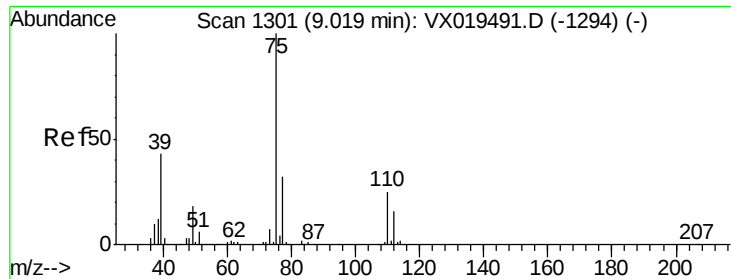
Tgt Ion: 92 Resp: 147093

Ion Ratio Lower Upper

92 100

91 172.7 138.1 207.1





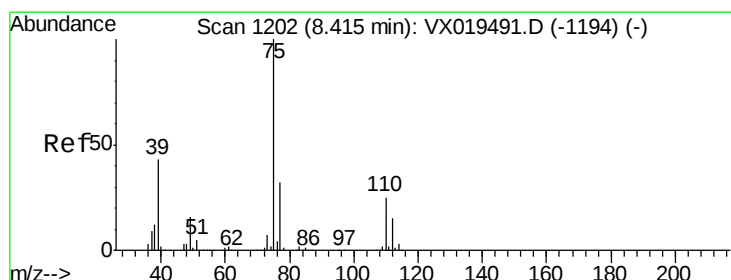
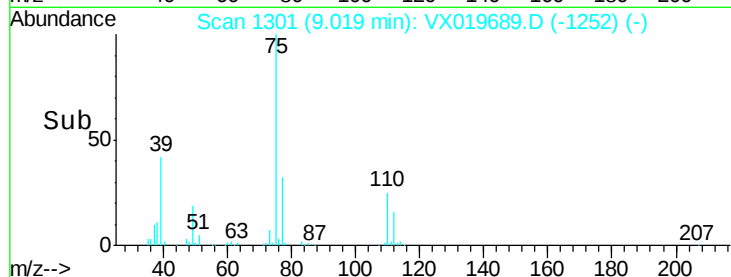
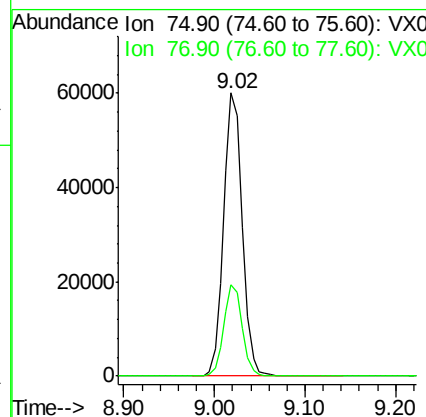
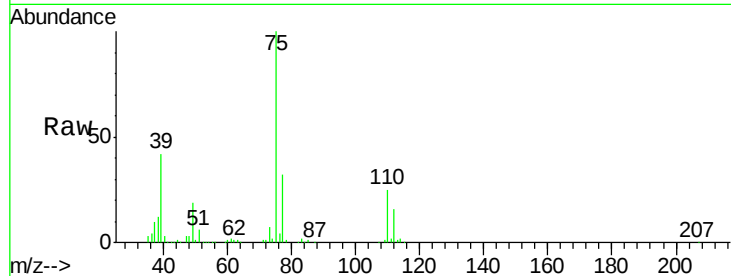
#53
t-1,3-Dichloropropene
Concen: 19.165 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion: 75 Resp: 86564
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9

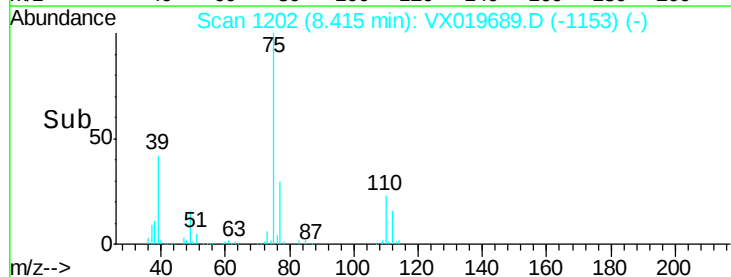
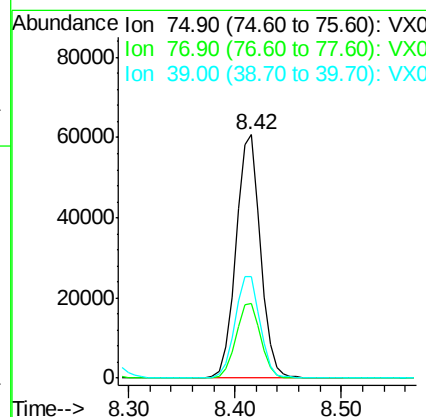
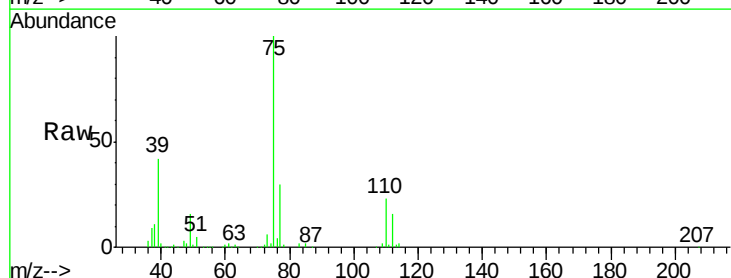
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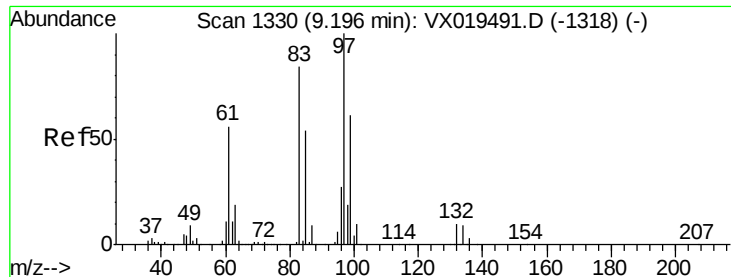
MMDadoda
12/2/2020 12:44:01 PM



#54
cis-1,3-Dichloropropene
Concen: 19.488 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion: 75 Resp: 97683
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.6
39 41.5 34.6 51.8





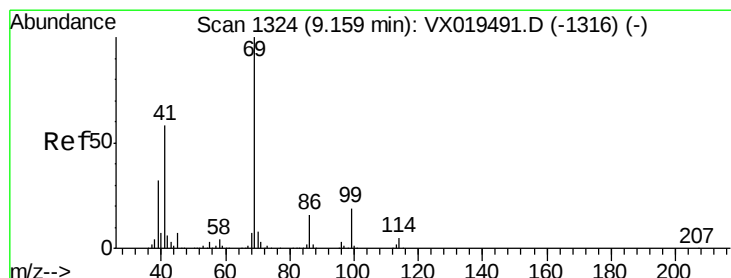
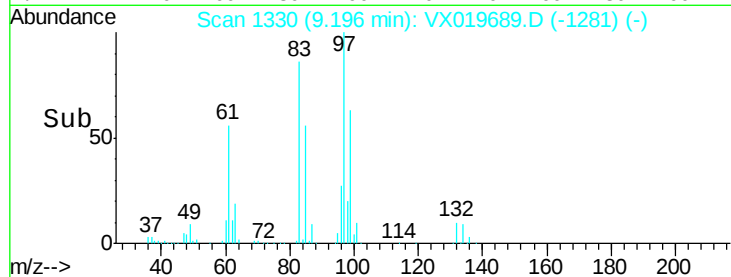
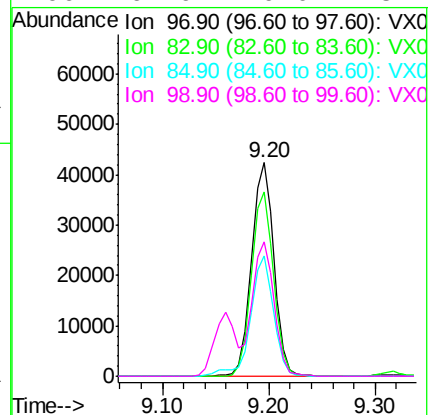
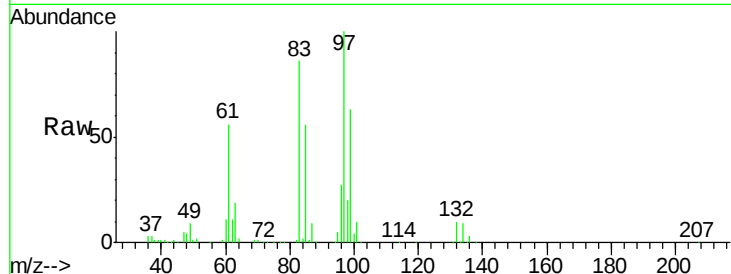
#55
 1,1,2-Trichloroethane
 Concen: 19.633 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Tot Ion:	97	Resp:	62570
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.0	100.6
85	56.5	43.4	65.0
99	62.9	49.0	73.4

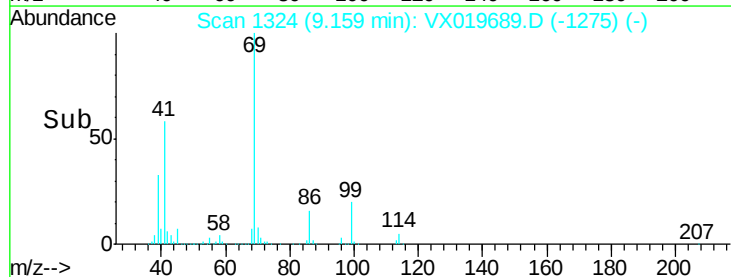
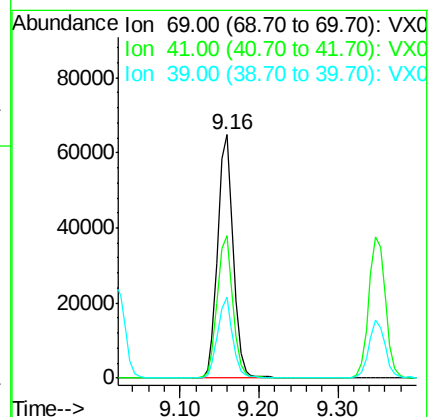
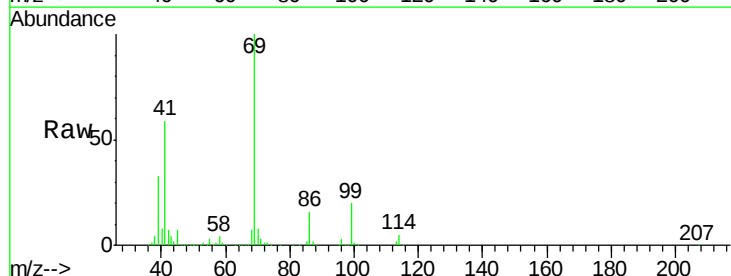
Manual Integrations
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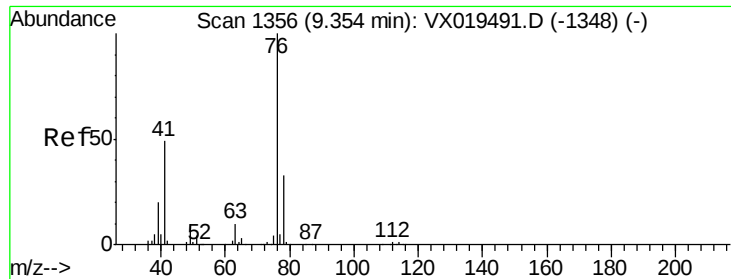
MMDadoda
 12/2/2020 12:44:01 PM



#56
 Ethyl methacrylate
 Concen: 19.983 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion:	69	Resp:	90112
Ion	Ratio	Lower	Upper
69	100		
41	58.9	46.2	69.2
39	31.6	25.5	38.3





#57

1,3-Dichloropropane

Concen: 19.749 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 76 Resp: 105372

Ion Ratio Lower Upper

76 100

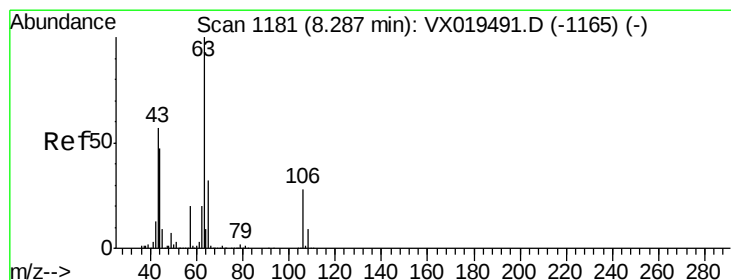
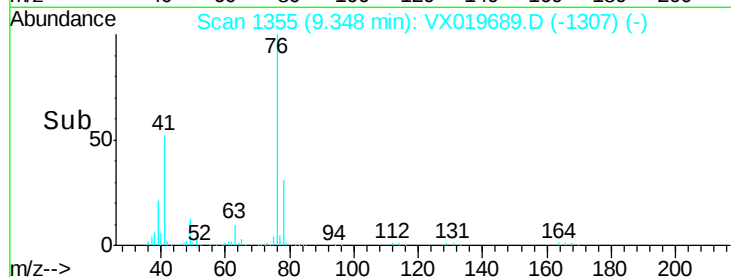
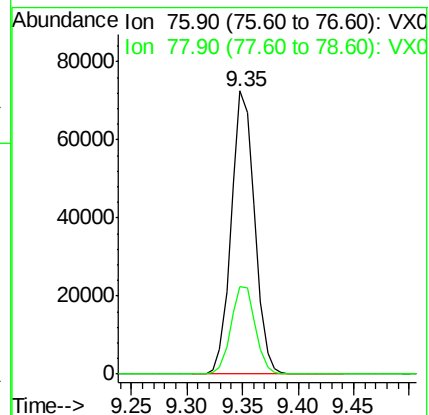
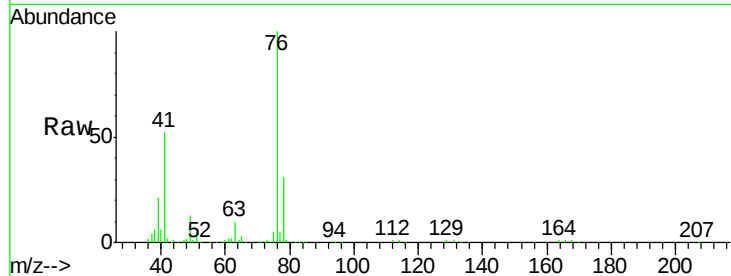
78 32.3 25.7 38.5

Manual Integrations

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MMDadoda

12/2/2020 12:44:01 PM



#58

2-Chloroethyl Vinyl ether

Concen: 93.177 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019689.D

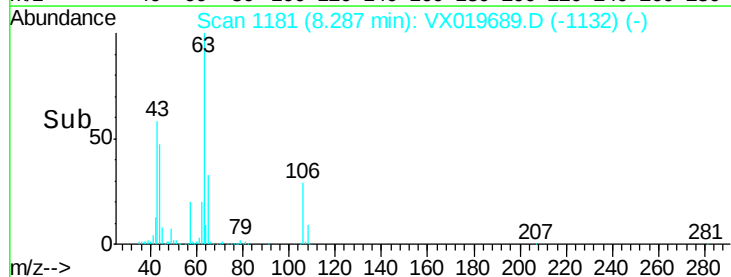
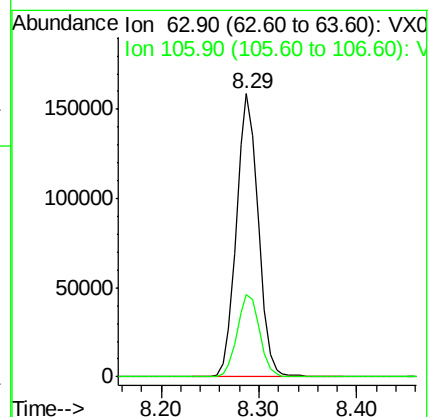
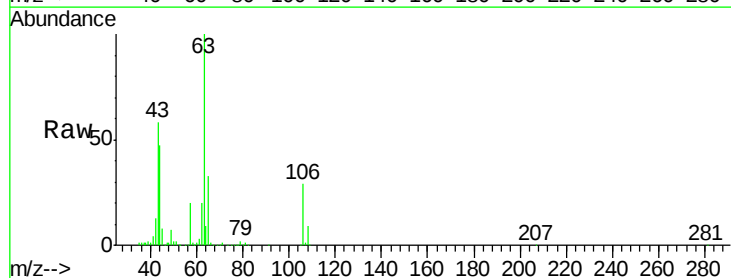
Acq: 01 Dec 2020 12:50

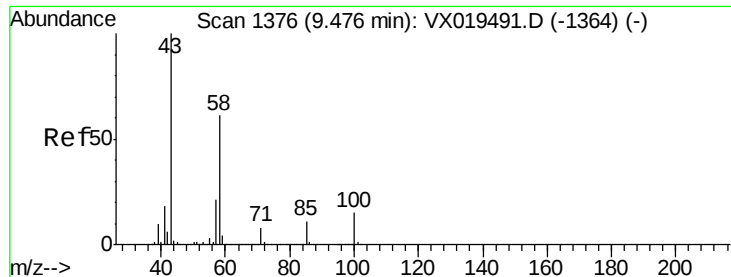
Tgt Ion: 63 Resp: 246209

Ion Ratio Lower Upper

63 100

106 29.9 23.7 35.5





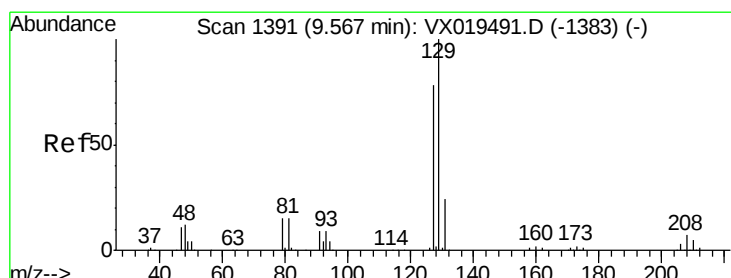
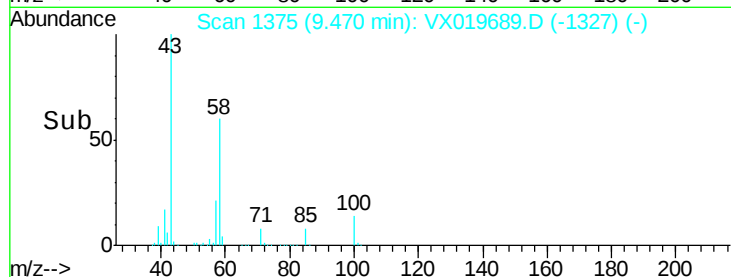
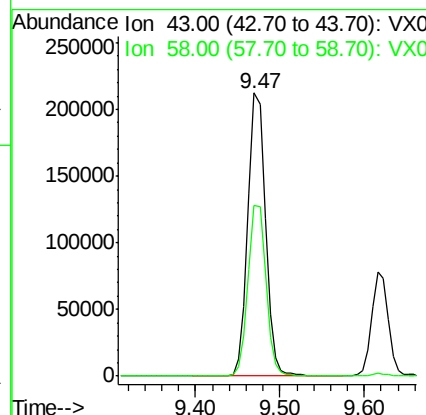
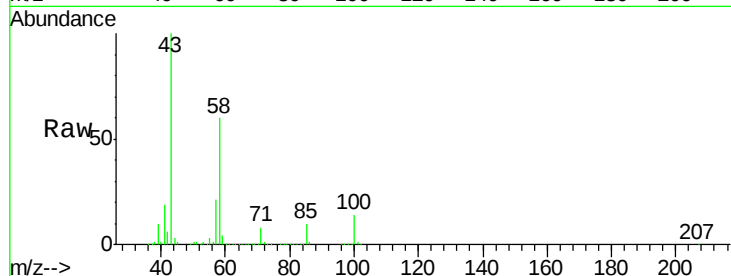
#59
2-Hexanone
Concen: 102.261 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.5	30.6	91.6

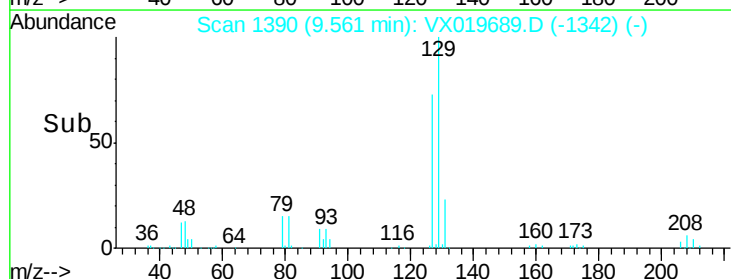
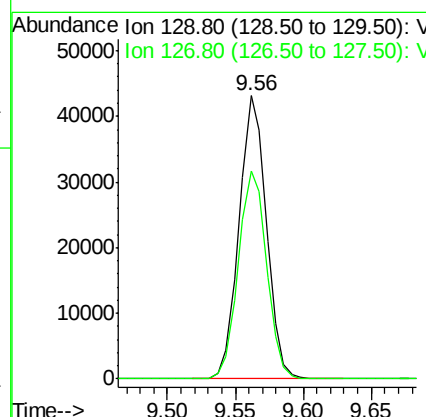
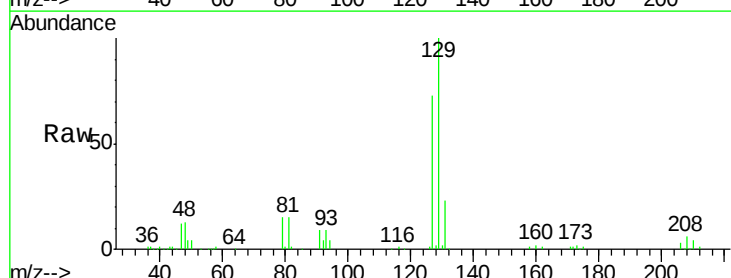
Manual Integrations
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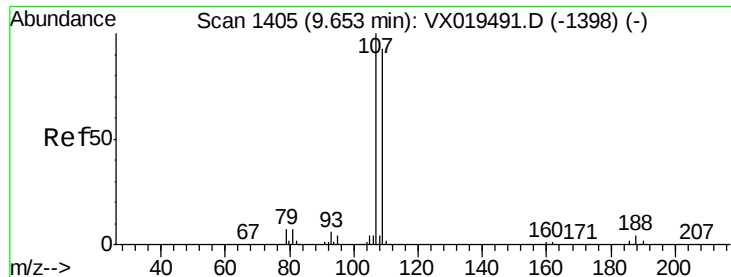
MMDadoda
12/2/2020 12:44:01 PM



#60
Dibromochloromethane
Concen: 19.358 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.0	39.0	116.9





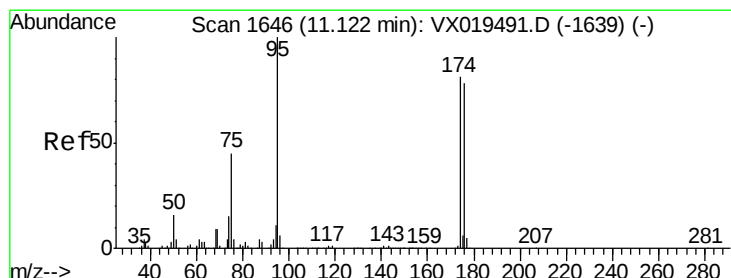
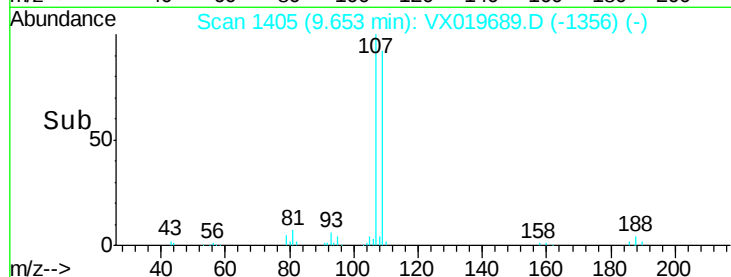
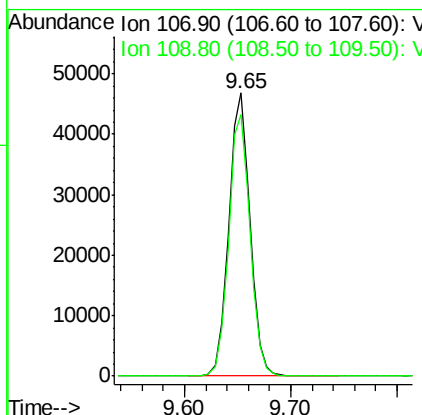
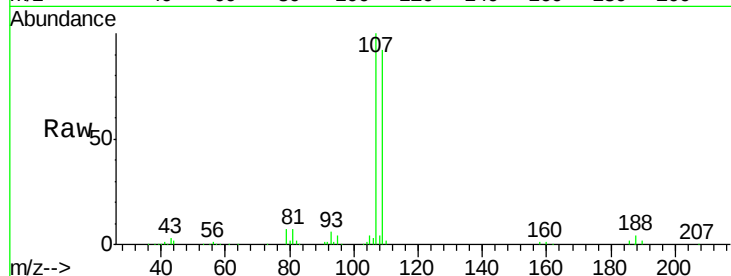
#61
 1,2-Dibromoethane
 Concen: 19.922 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Tot Ion:107 Resp: 65445
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.8 112.2

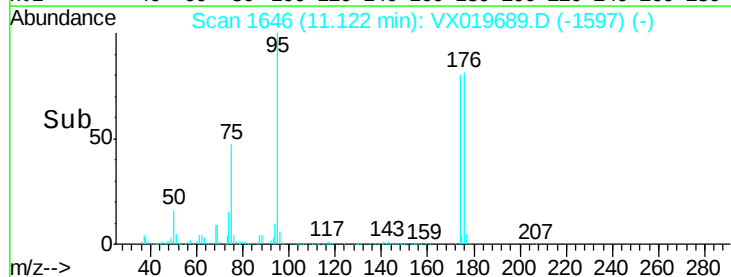
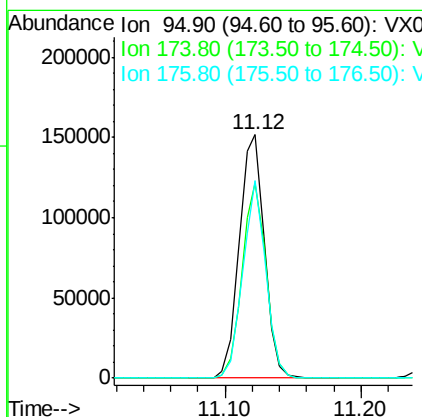
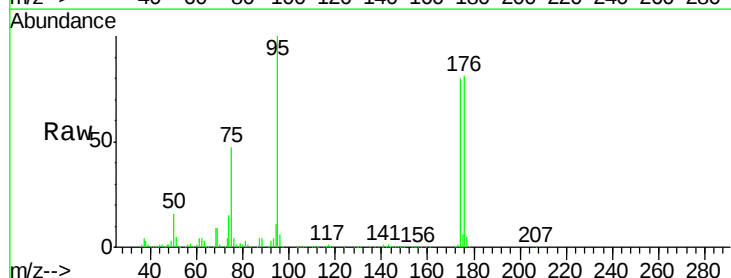
Manual Integrations
 APPROVED

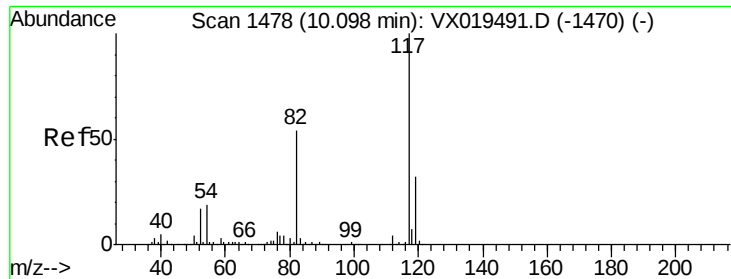
MMDadoda
 12/2/2020 12:44:01 PM



#62
 4-Bromofluorobenzene
 Concen: 49.871 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion: 95 Resp: 194354
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 156.2
 176 74.4 0.0 151.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

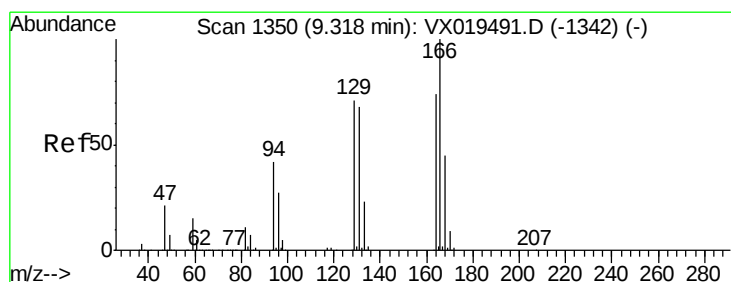
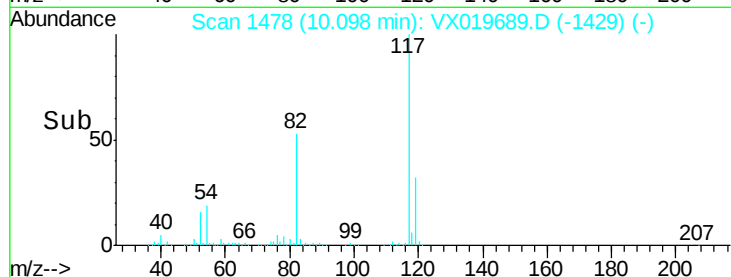
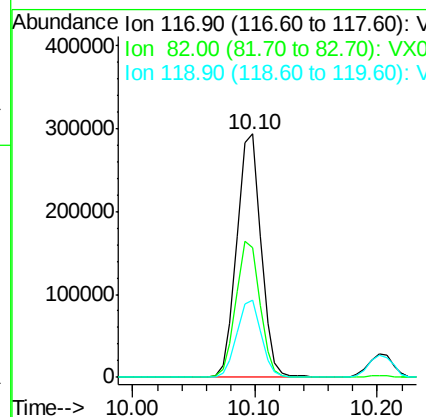
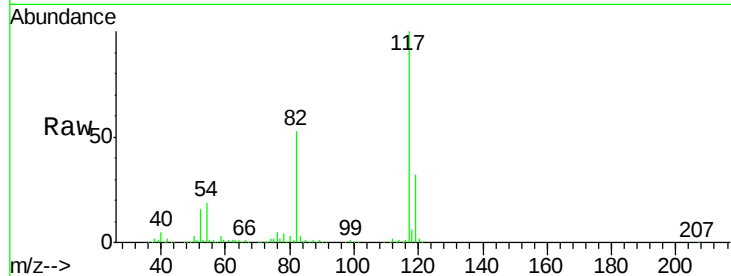
ClientSampleId :

VX1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	400969		
82	53.4		43.0	64.4
119	31.9		25.6	38.4

Manual Integrations
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#64

Tetrachloroethene

Concen: 17.052 ug/l

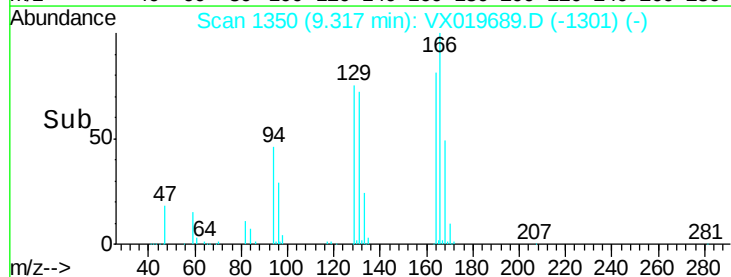
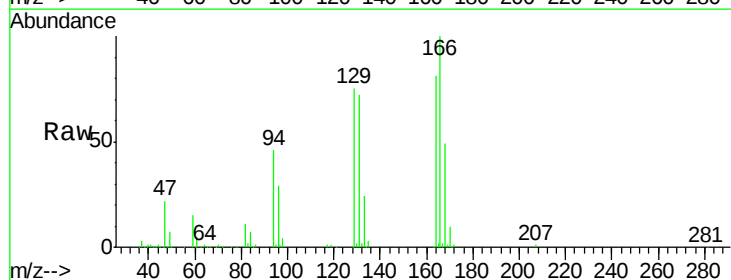
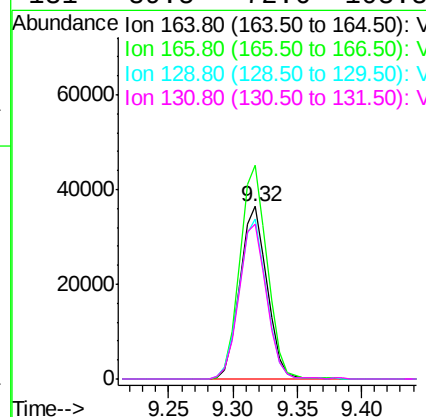
RT: 9.32 min Scan# 1350

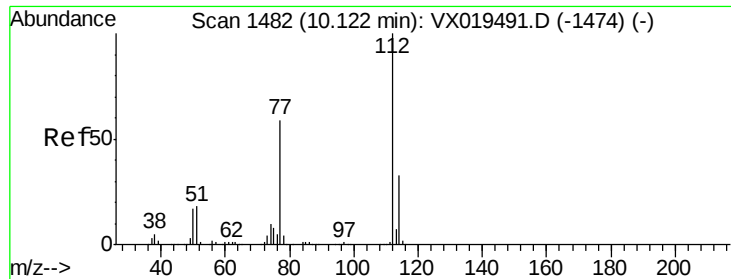
Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53745		
166	123.8		107.4	161.0
129	92.5		76.6	114.8
131	89.5		72.6	108.8





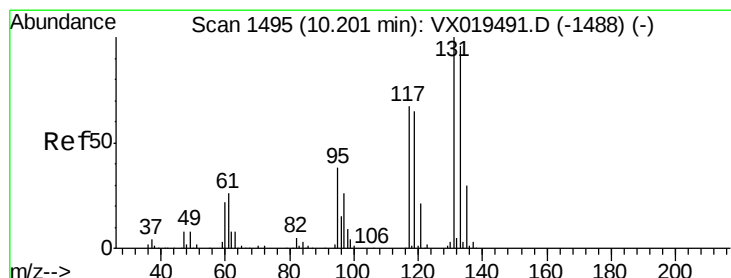
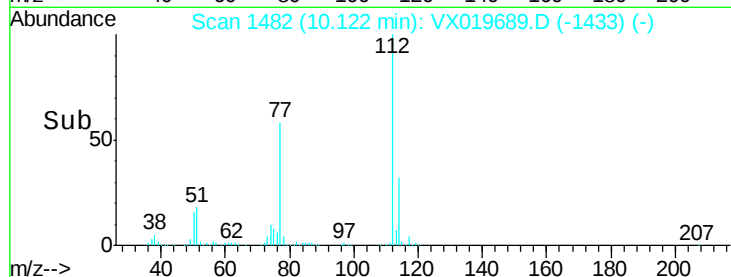
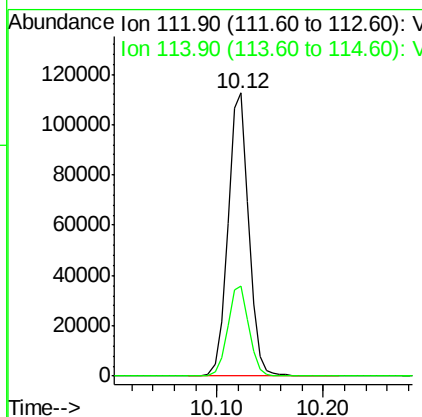
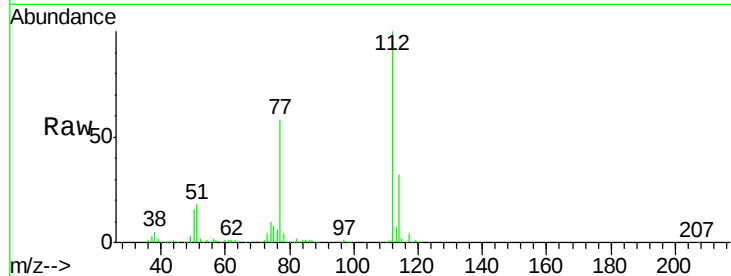
#65
Chlorobenzene
Concen: 18.550 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion:112 Resp: 152930
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0

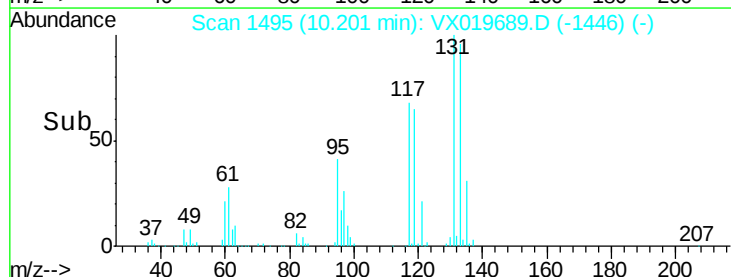
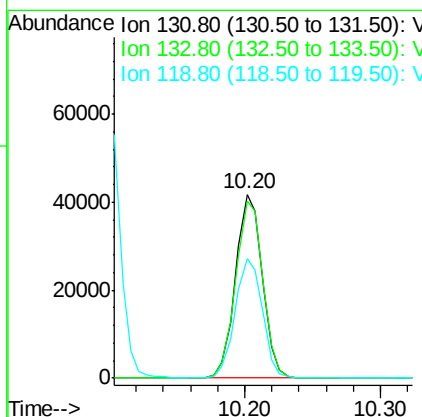
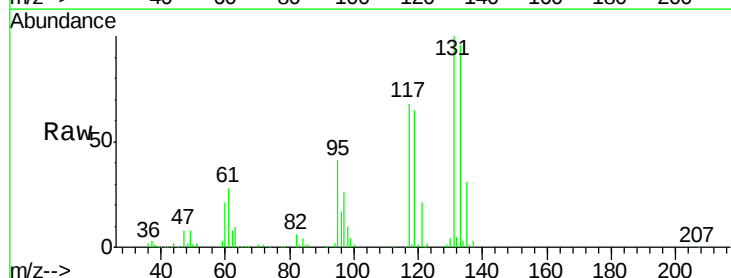
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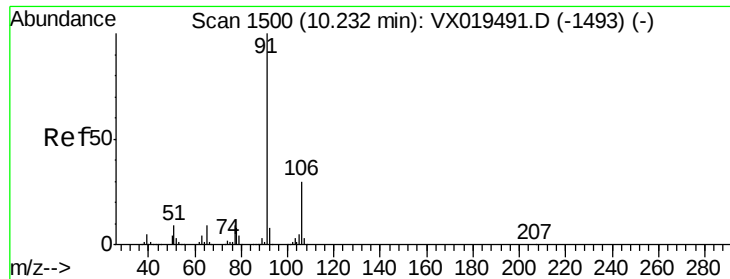
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.070 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion:131 Resp: 57186
Ion Ratio Lower Upper
131 100
133 97.7 48.5 145.5
119 66.2 33.0 99.0





#67

Ethyl Benzene

Concen: 18.917 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampled :

VX1201WBSD01

Tot Ion: 91 Resp: 273196

Ion Ratio Lower Upper

91 100

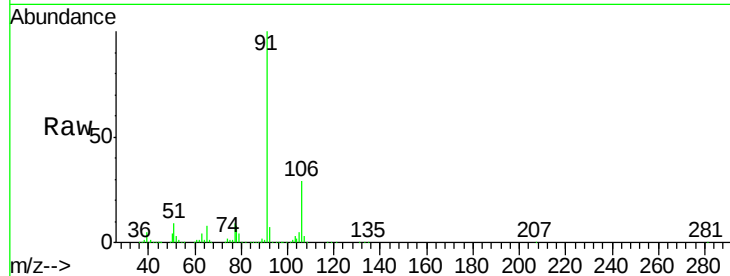
106 29.5 24.0 36.0

Manual Integrations

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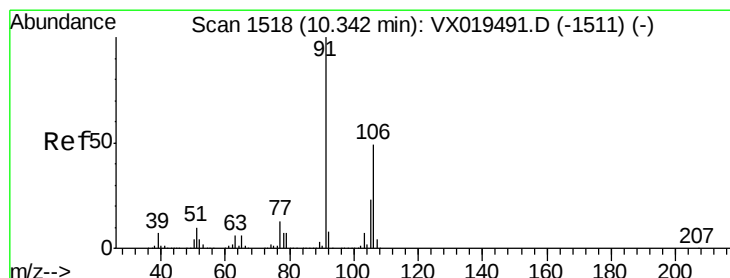
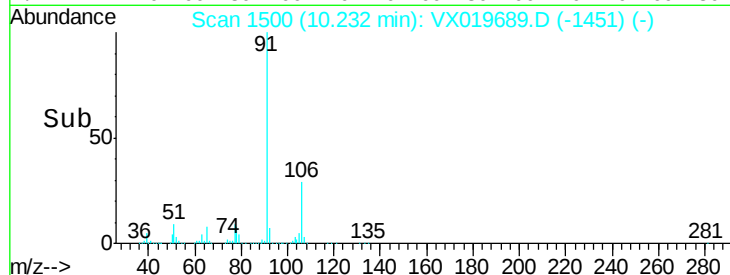
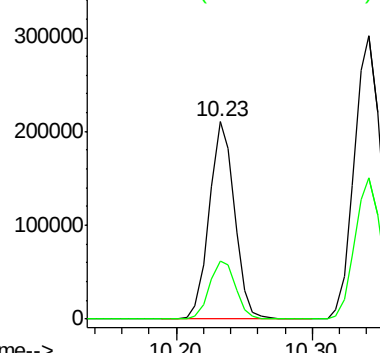
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.612 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019689.D

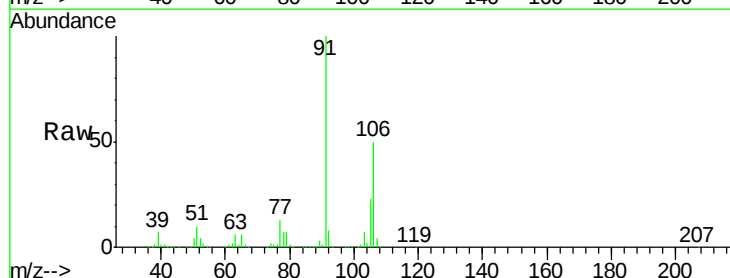
Acq: 01 Dec 2020 12:50

Tgt Ion: 106 Resp: 202374

Ion Ratio Lower Upper

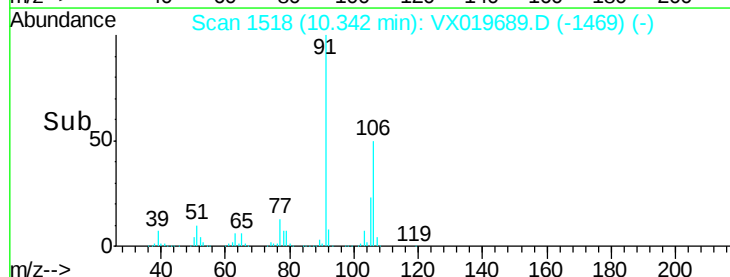
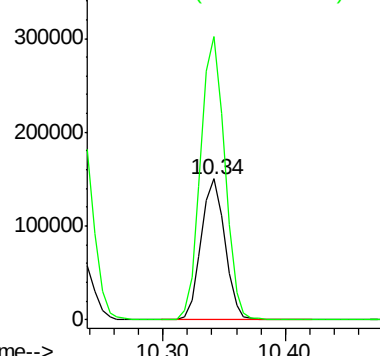
106 100

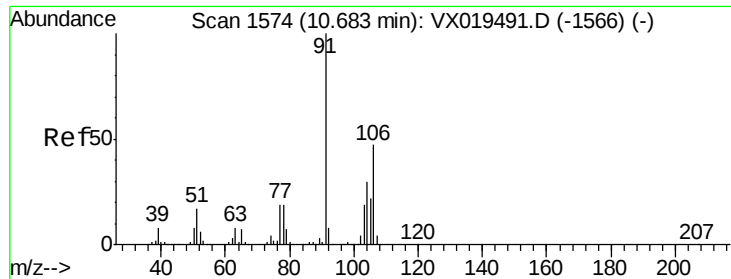
91 204.2 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





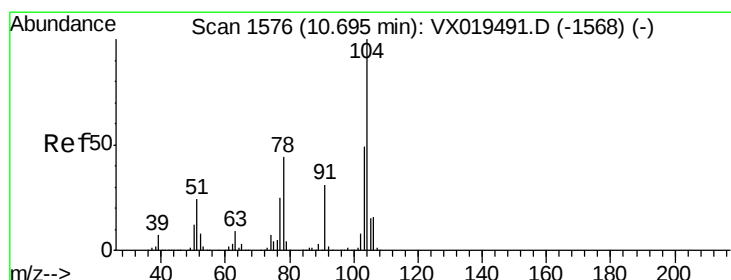
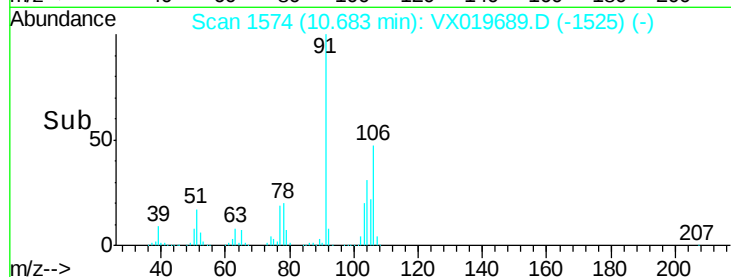
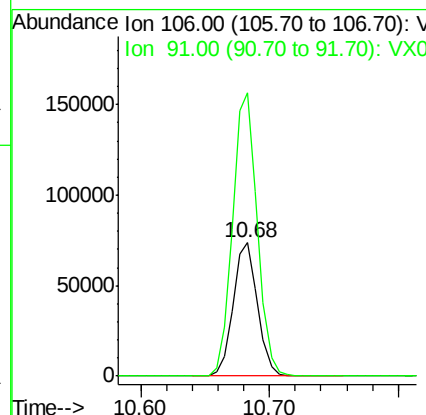
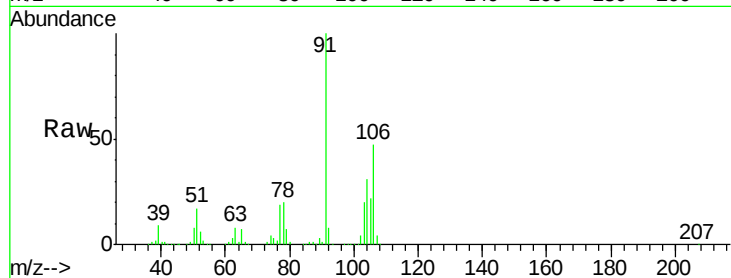
#69
o-Xylene
Concen: 18.922 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampled :
VX1201WBSD01

Tot Ion:106 Resp: 97327
Ion Ratio Lower Upper
106 100
91 215.8 108.0 324.0

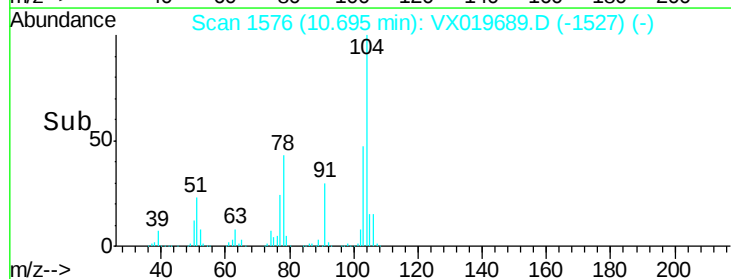
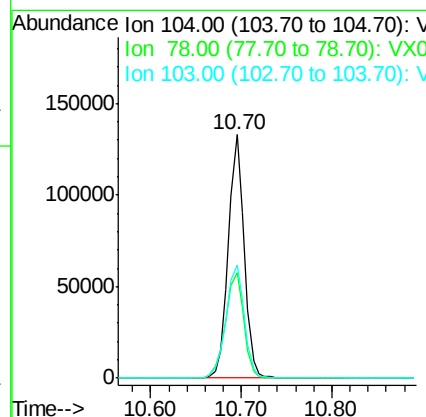
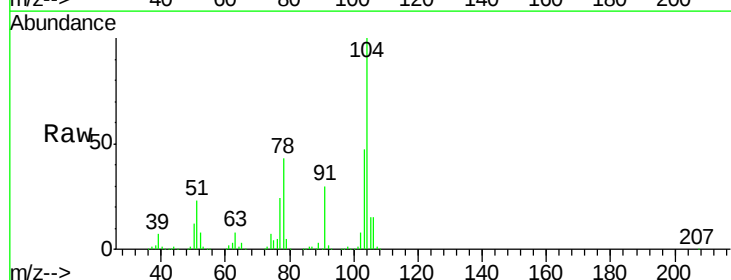
Manual Integrations
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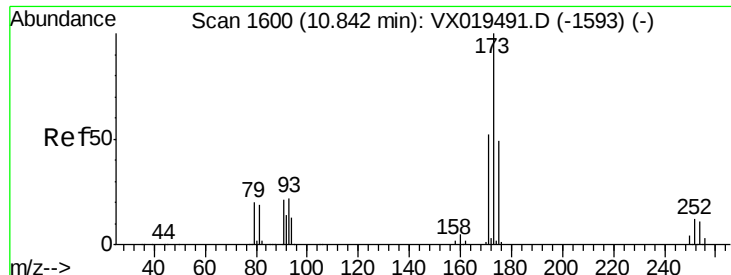
MMDadoda
12/2/2020 12:44:01 PM



#70
Styrene
Concen: 18.136 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion:104 Resp: 162346
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 54.0 43.6 65.4





#71

Bromoform

Concen: 18.271 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

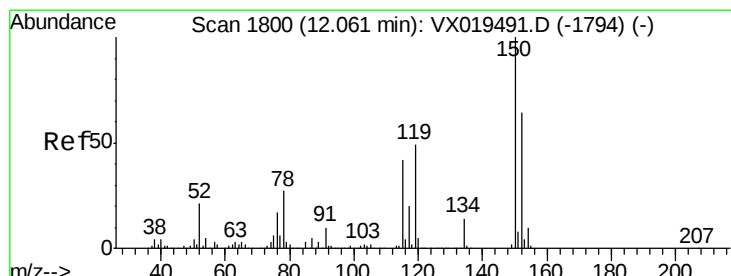
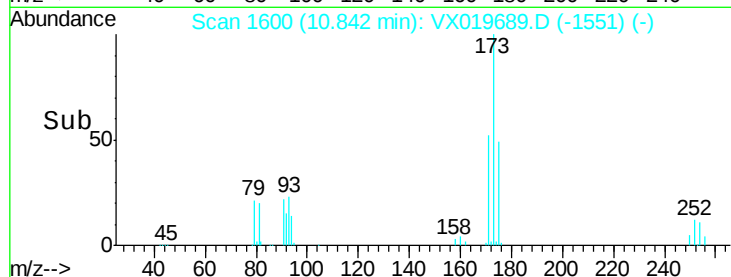
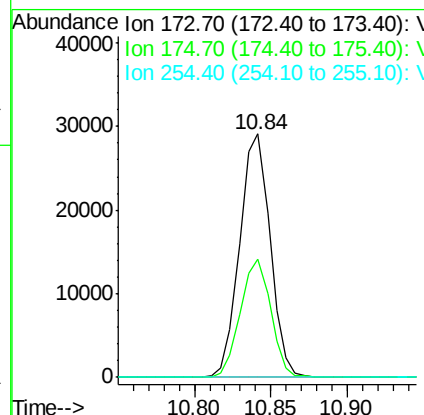
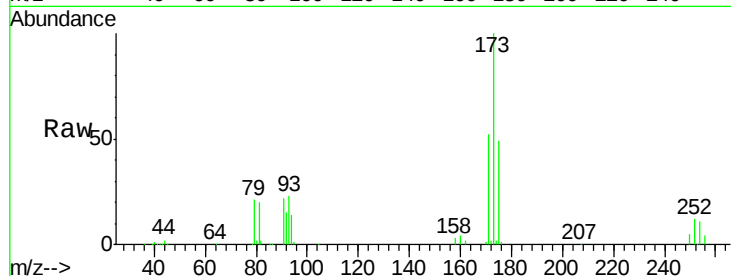
ClientSampleId :

VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.9	74.8
254	0.0	0.1	0.1#

Manual Integrations
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12/2/2020 12:44:01 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

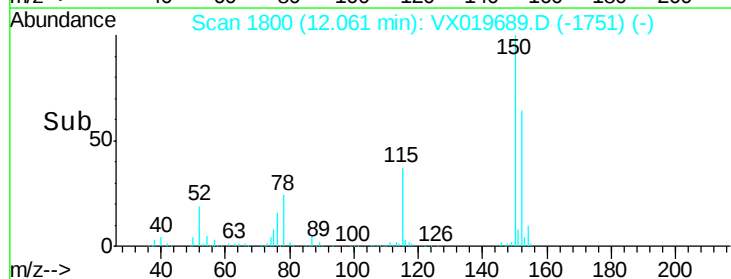
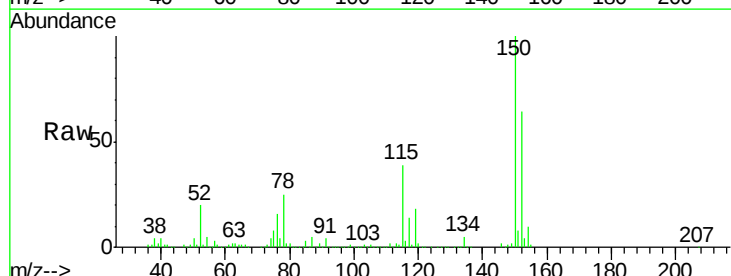
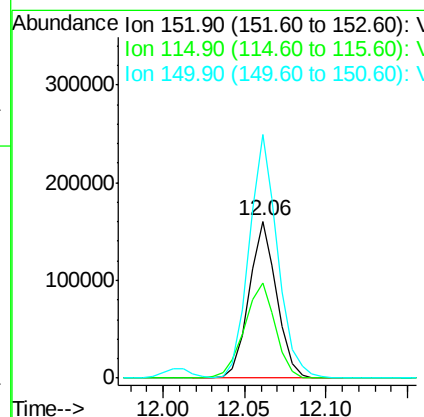
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.6	41.8	125.4
150	160.9	0.0	348.2





#73

Isopropylbenzene

Concen: 20.204 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 105 Resp: 262575

Ion Ratio Lower Upper

105 100

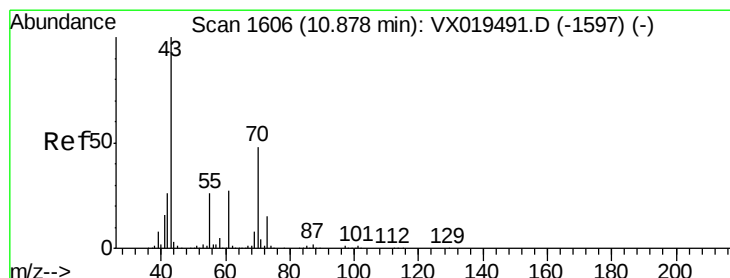
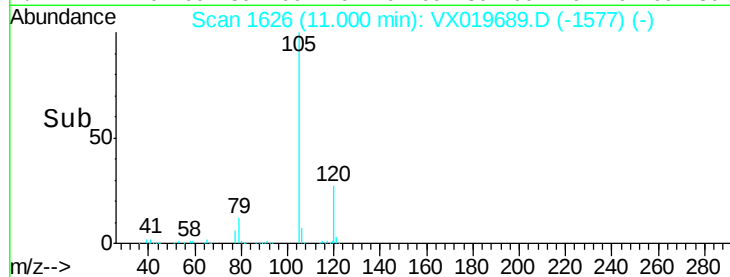
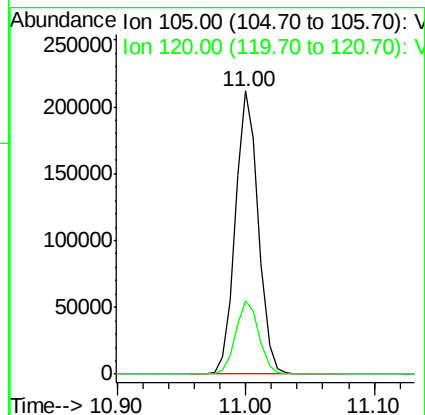
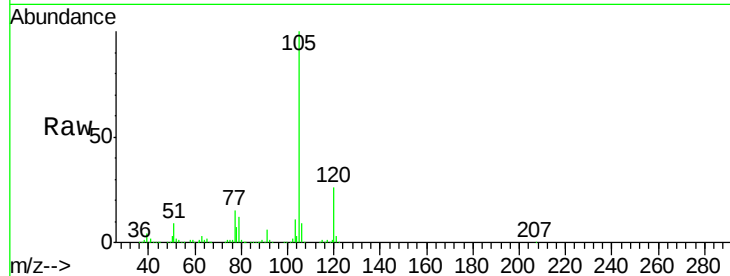
120 26.2 13.0 39.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.791 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Tgt Ion: 43 Resp: 101253

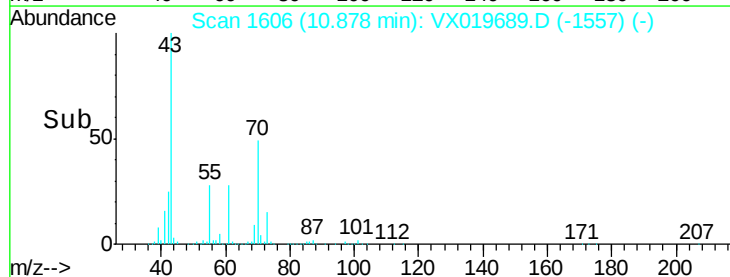
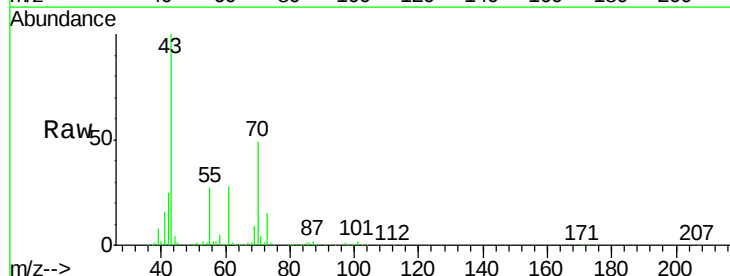
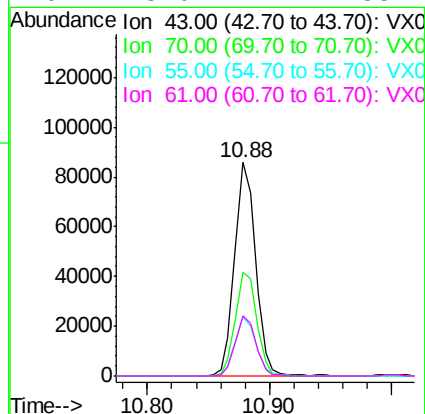
Ion Ratio Lower Upper

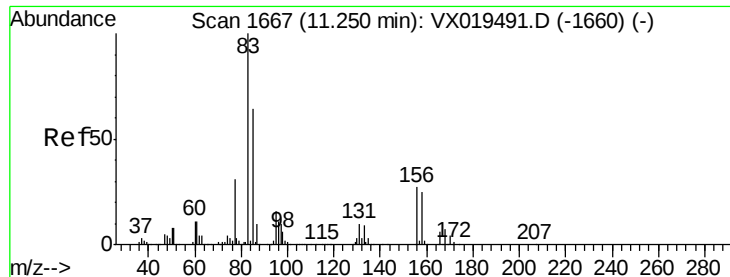
43 100

70 50.1 39.7 59.5

55 28.0 21.8 32.6

61 28.0 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.122 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

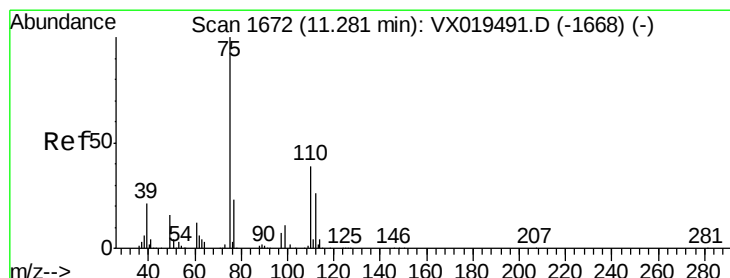
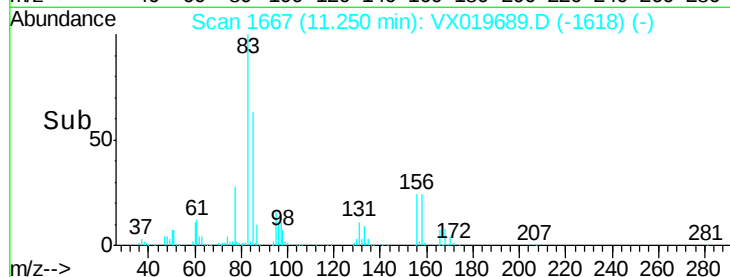
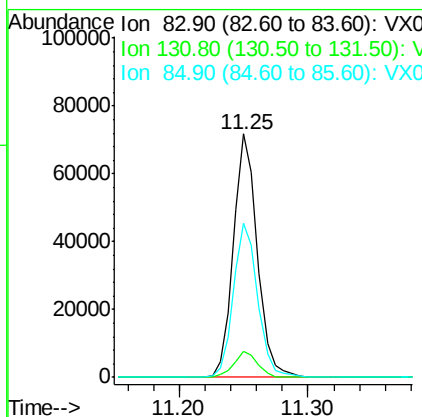
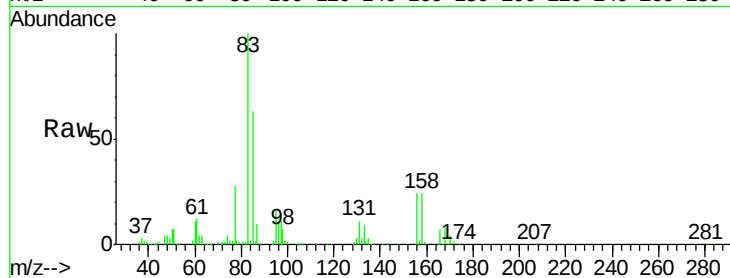
ClientSampleId :

VX1201WBSD01

Tot Ion:	83	Resp:	93521
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	15.0
85	64.0	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.893 ug/l m

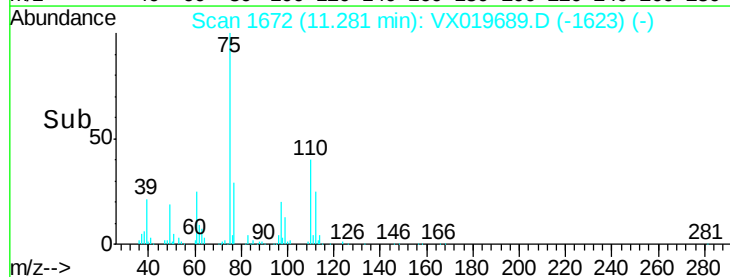
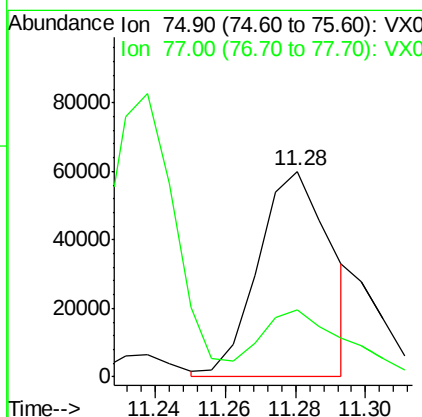
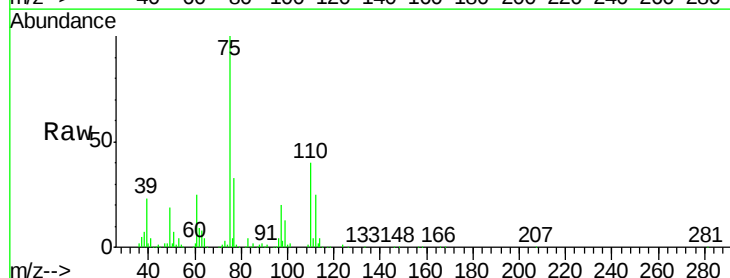
RT: 11.28 min Scan# 1672

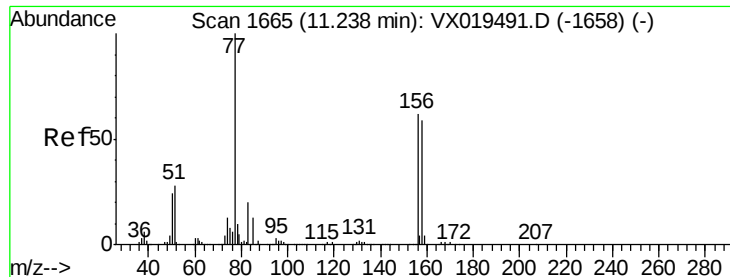
Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Tgt Ion:	75	Resp:	85662
Ion Ratio	Lower	Upper	
75	100		
77	38.2	20.0	60.0





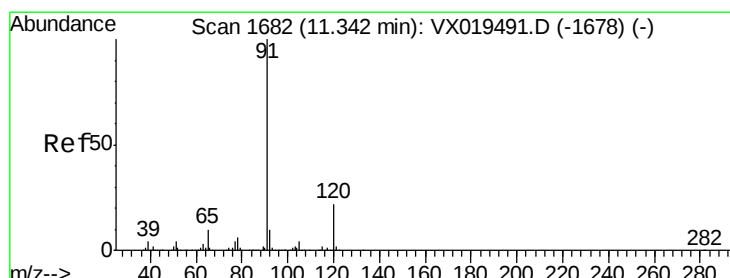
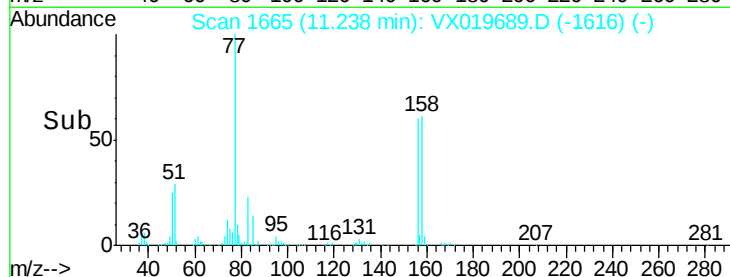
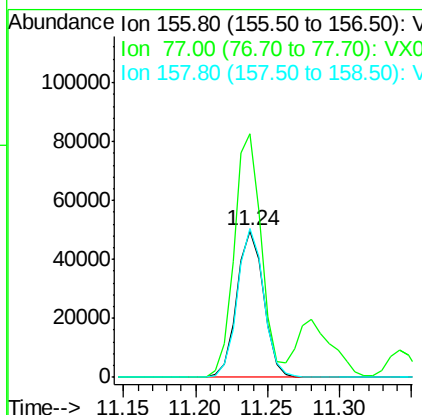
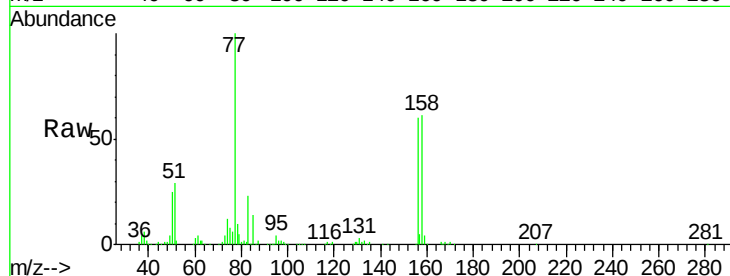
#77
Bromobenzene
Concen: 19.475 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.0	82.5	247.3
158	99.7	48.9	146.7

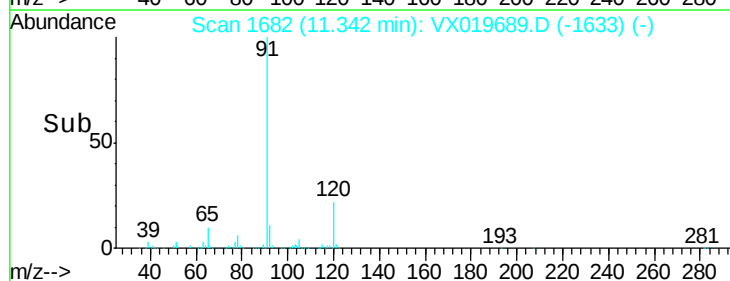
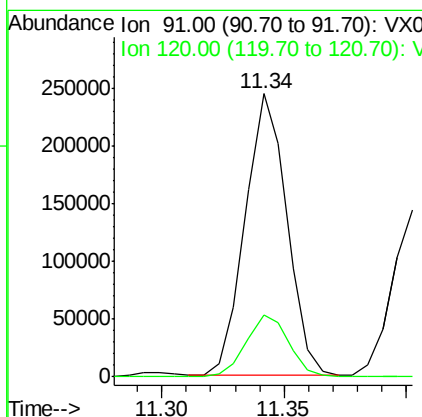
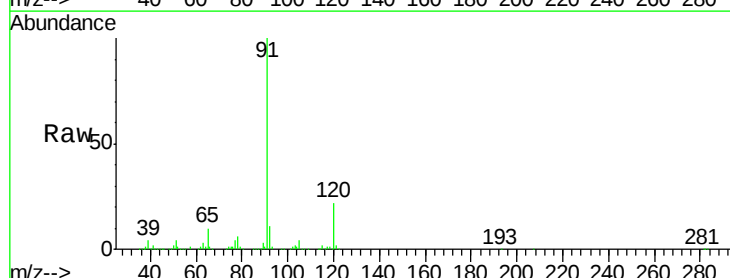
Manual Integrations
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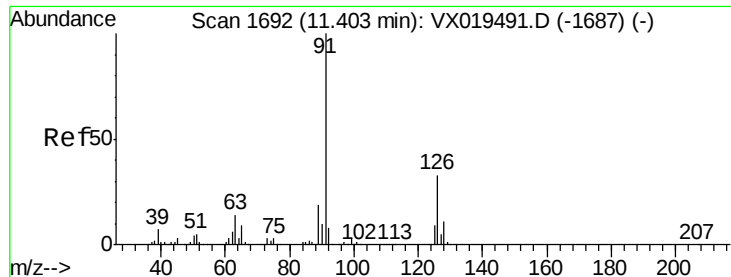
MMDadoda
12/2/2020 12:44:01 PM



#78
n-propylbenzene
Concen: 19.470 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.594 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 91 Resp: 177169

Ion Ratio Lower Upper

91 100

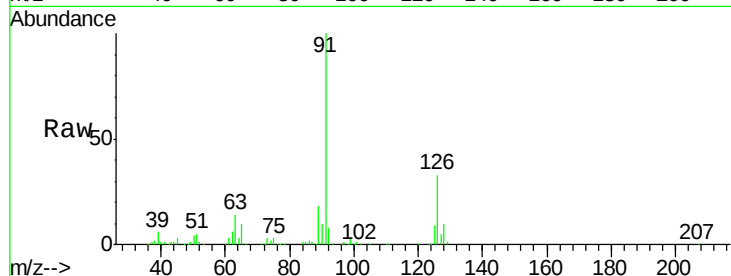
126 33.9 16.7 50.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019491.D (-1687) (-)

250000

200000

150000

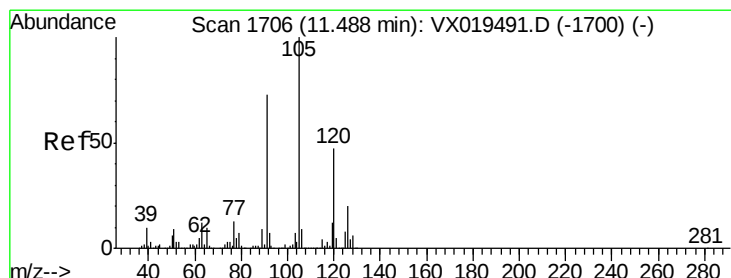
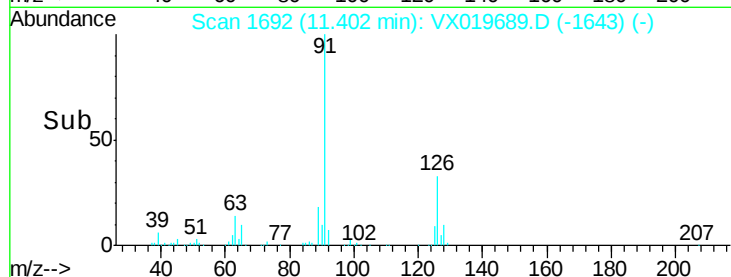
100000

50000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.636 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019689.D

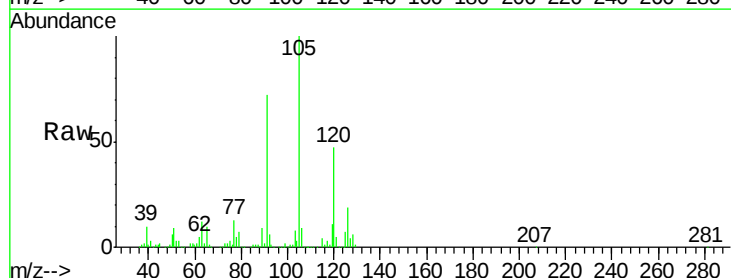
Acq: 01 Dec 2020 12:50

Tgt Ion: 105 Resp: 214077

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019491.D (-1700) (-)

200000

150000

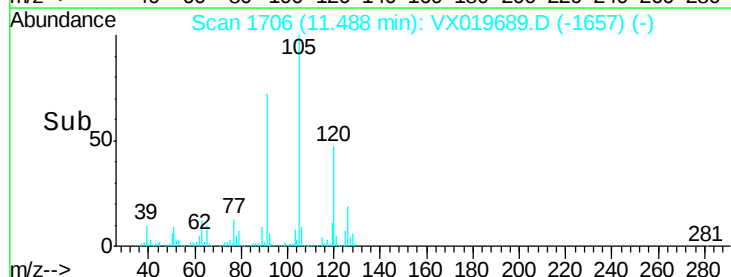
100000

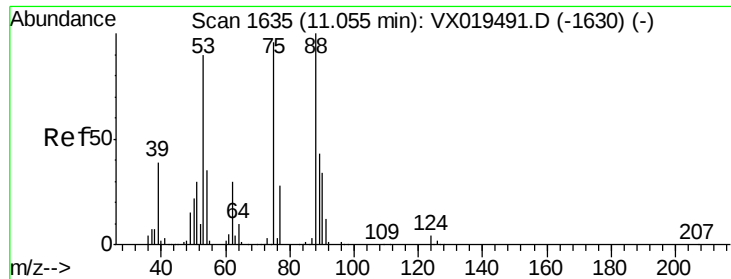
50000

0

11.40 11.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.890 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

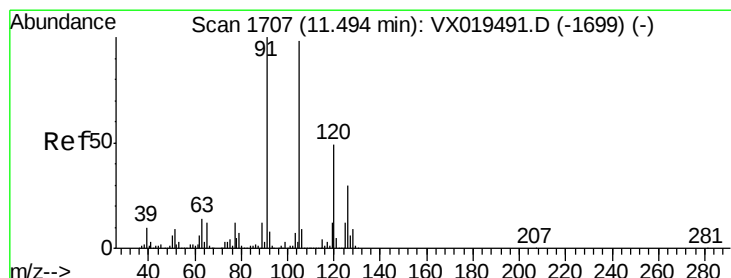
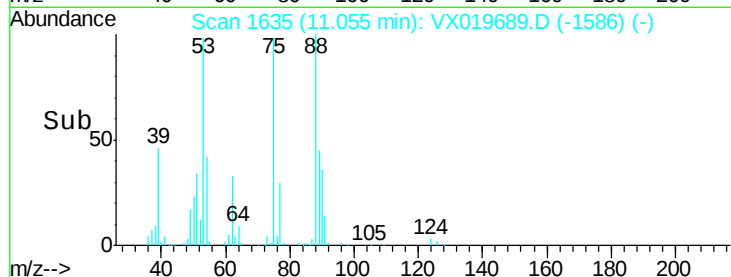
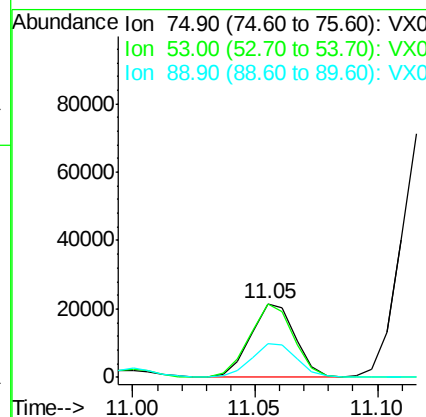
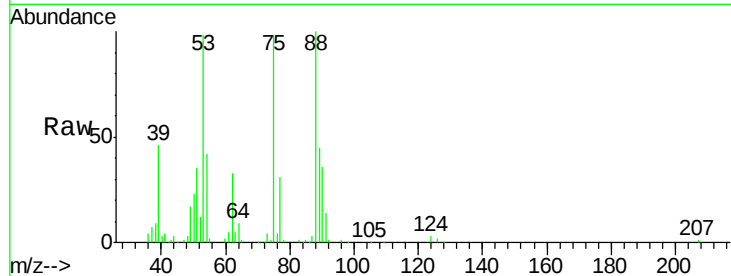
ClientSampleId :

VX1201WBSD01

Tot Ion:	75	Resp:	27624
Ion Ratio	Lower	Upper	
75	100		
53	98.1	73.9	110.9
89	46.4	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.526 ug/l

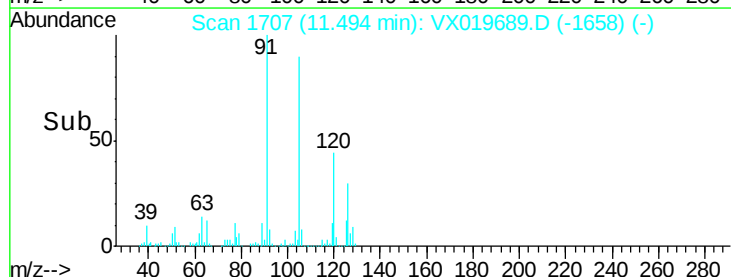
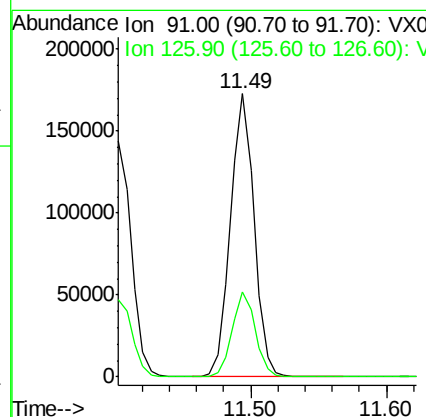
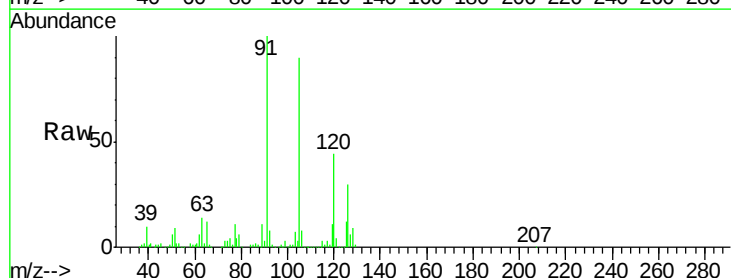
RT: 11.49 min Scan# 1707

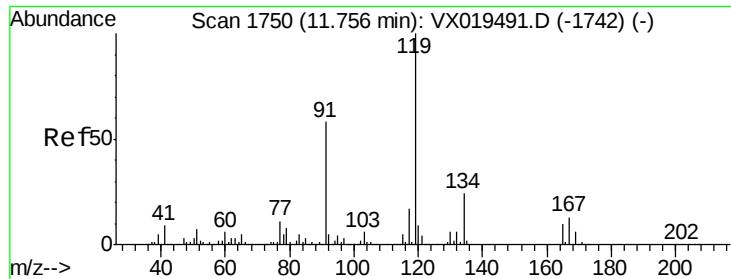
Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Tgt Ion:	91	Resp:	207837
Ion Ratio	Lower	Upper	
91	100		
126	29.4	14.9	44.7





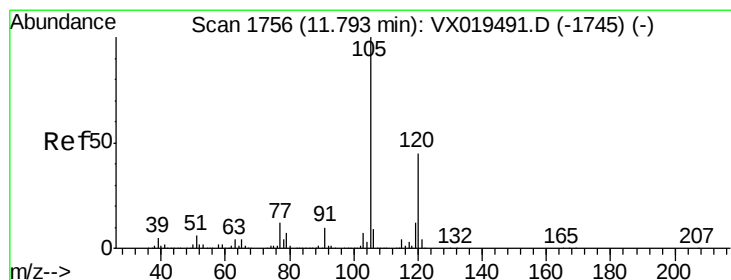
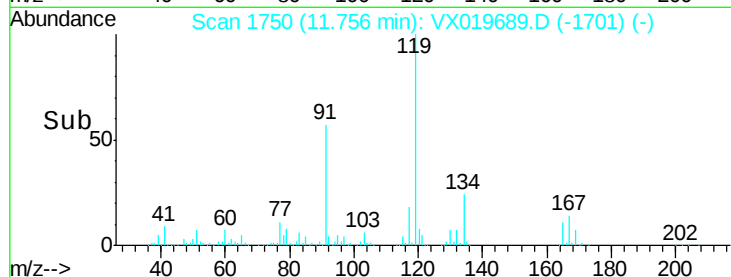
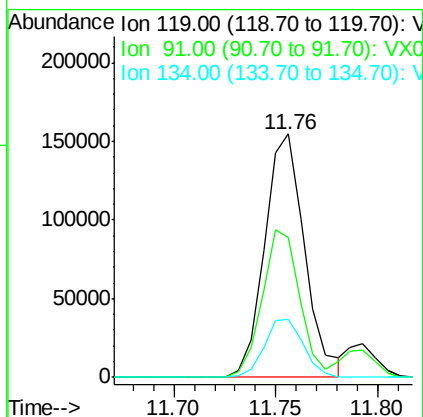
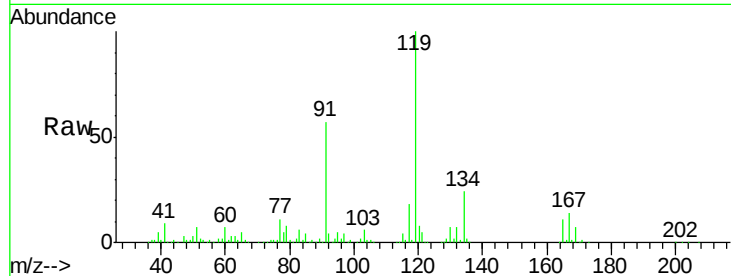
#83
tert-Butylbenzene
Concen: 20.031 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	211274		
91	56.8	28.9	86.8	
134	23.3	11.7	35.0	

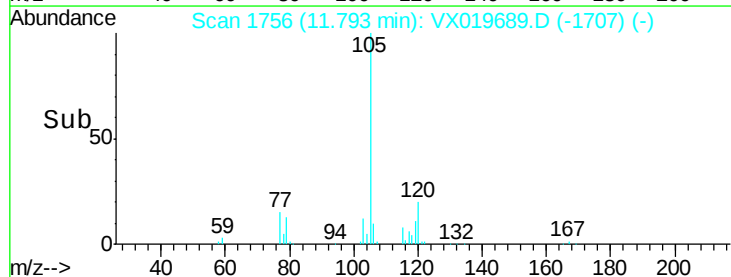
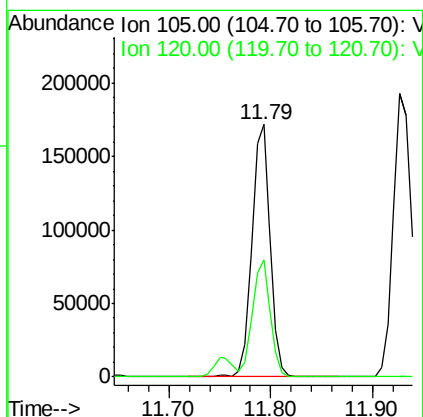
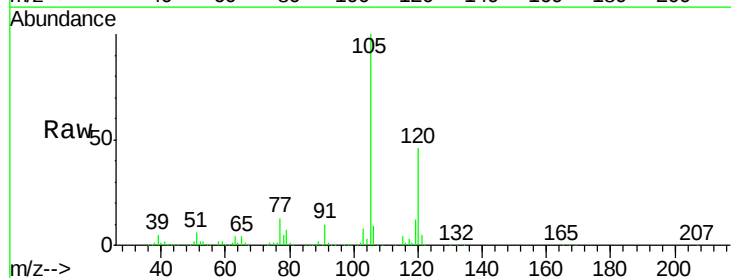
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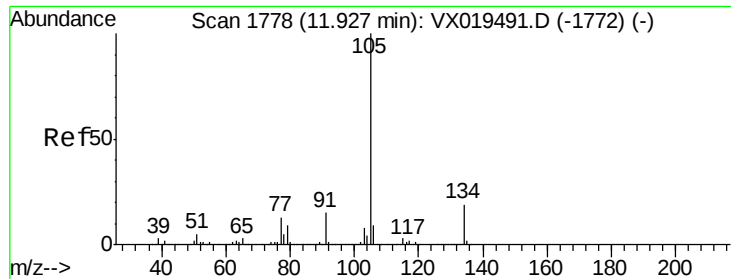
MMDadoda
12/2/2020 12:44:01 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.542 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	215570		
120	45.6	22.2	66.6	





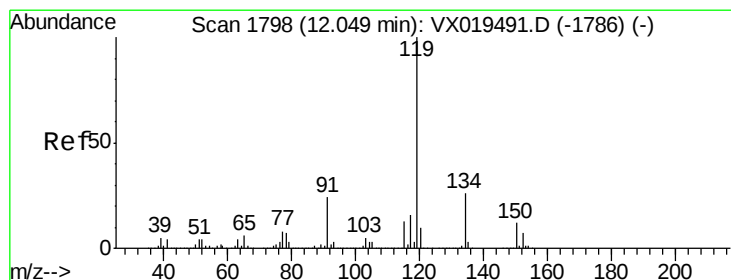
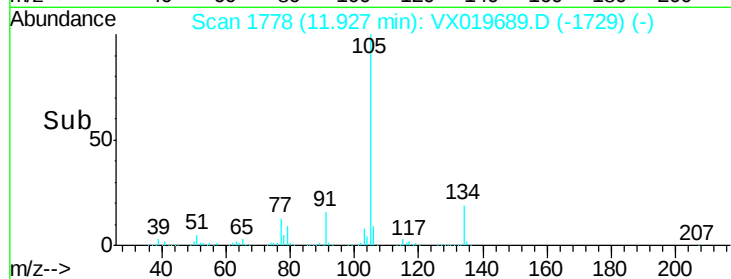
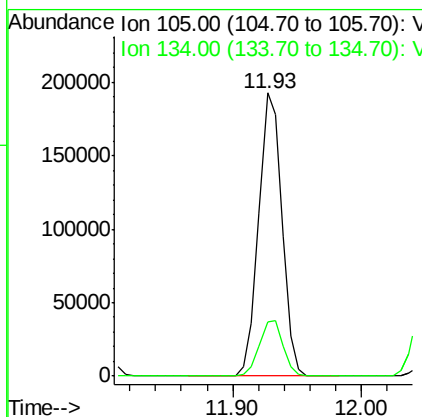
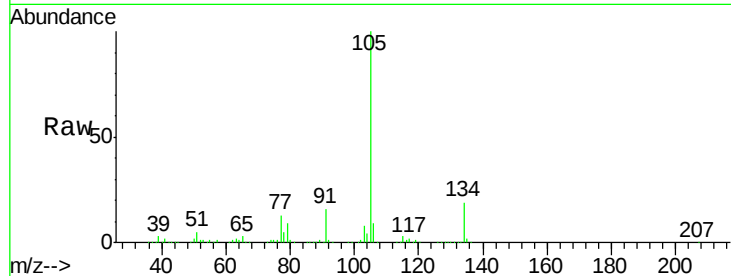
#85
 sec-Butylbenzene
 Concen: 19.048 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.3

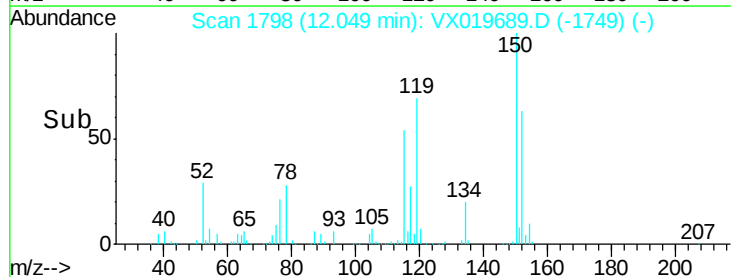
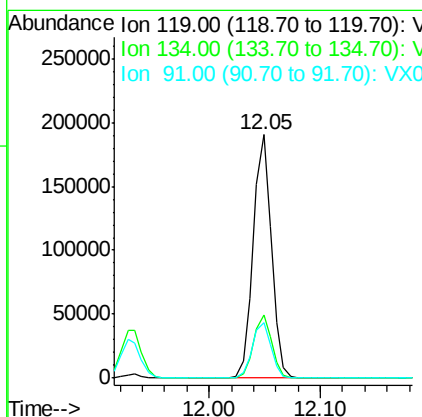
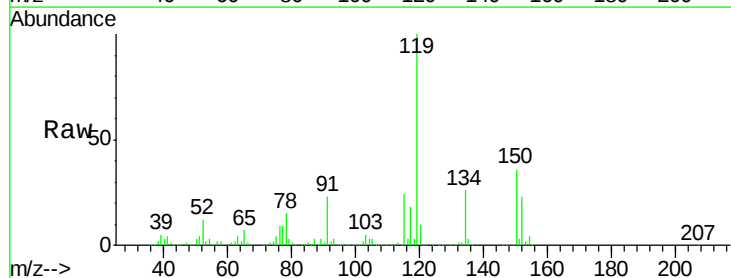
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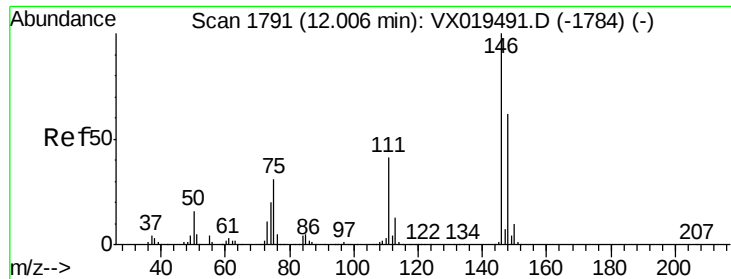
MMDadoda
 12/2/2020 12:44:01 PM



#86
 p-Isopropyltoluene
 Concen: 19.077 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	23.6	11.8	35.4





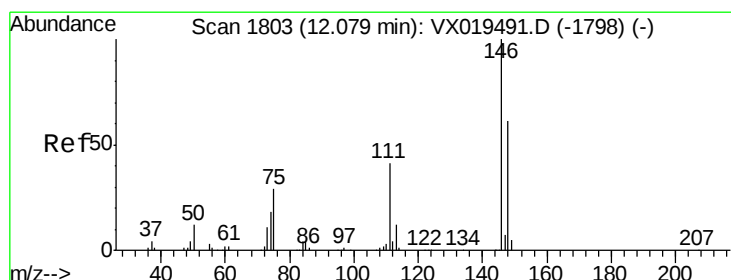
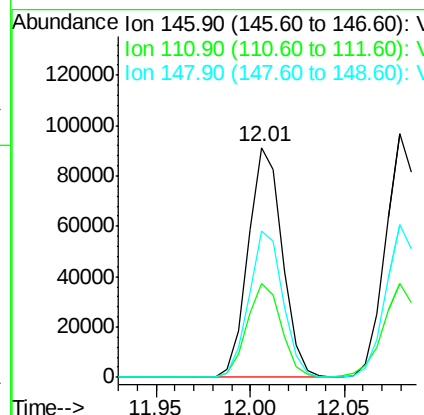
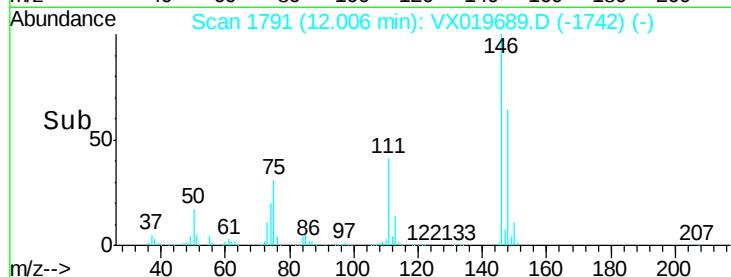
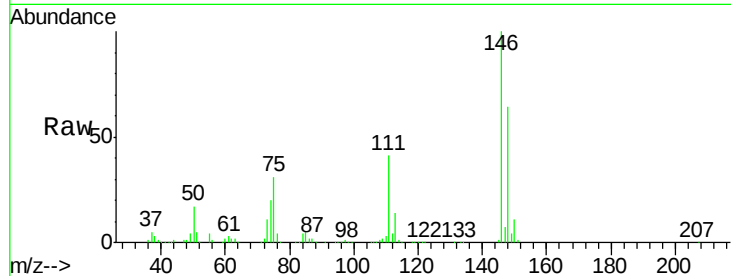
#87
 1,3-Dichlorobenzene
 Concen: 18.754 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.2	60.6
148	63.8	31.4	94.2

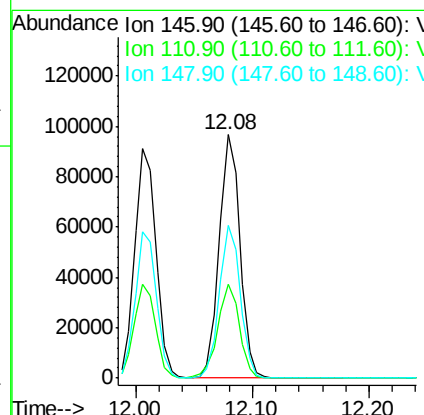
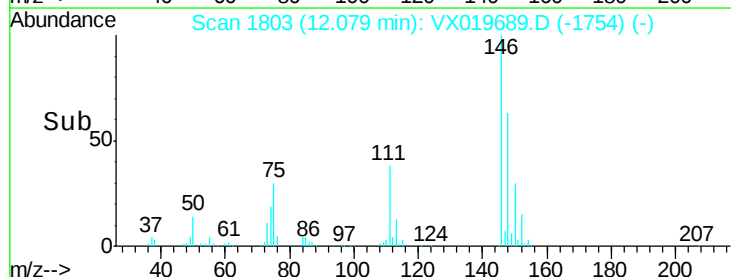
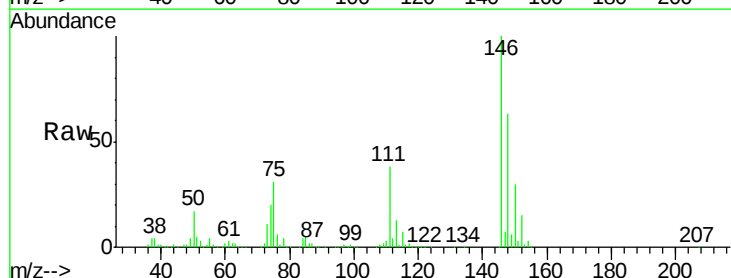
Manual Integrations
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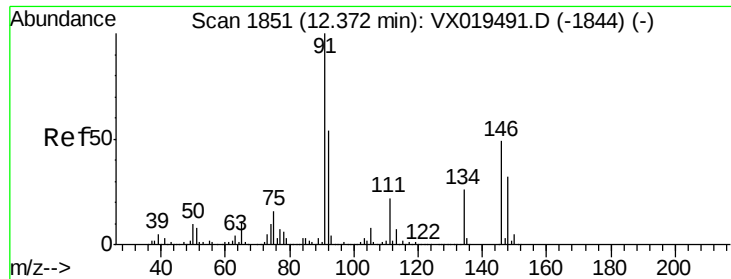
MMDadoda
 12/2/2020 12:44:01 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.843 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.6
148	63.4	31.7	95.1





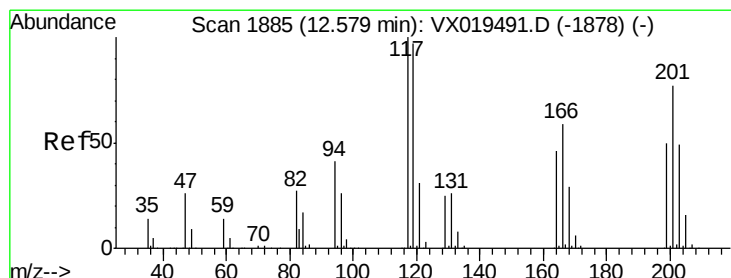
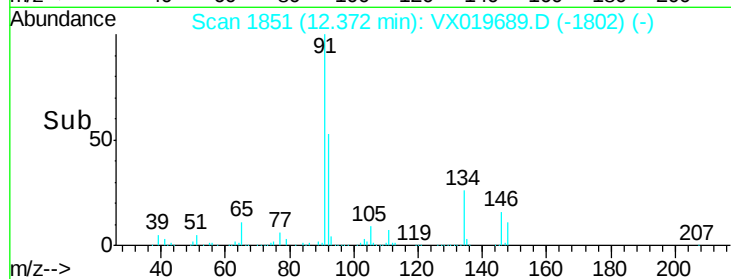
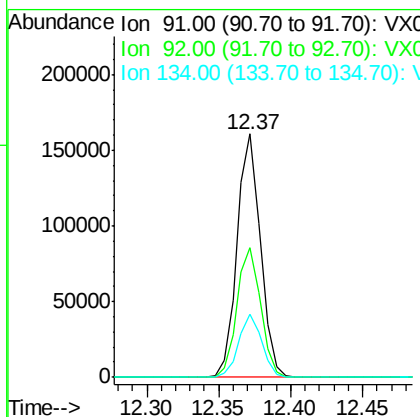
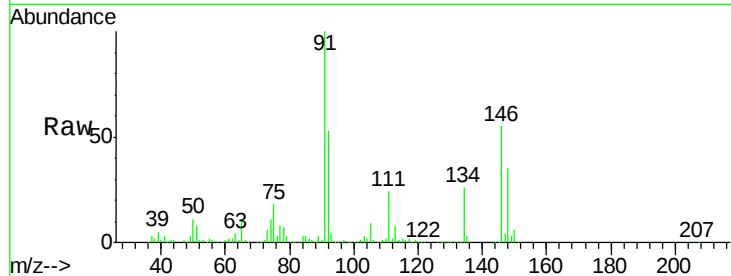
#89
n-Butylbenzene
Concen: 17.705 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	182352		
92	54.3	26.9	80.6	
134	25.6	12.9	38.6	

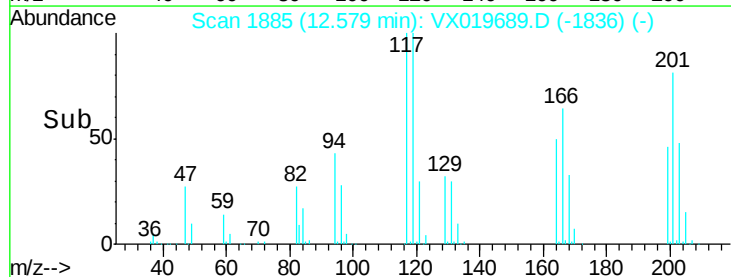
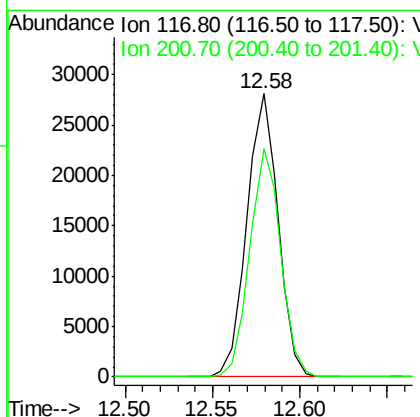
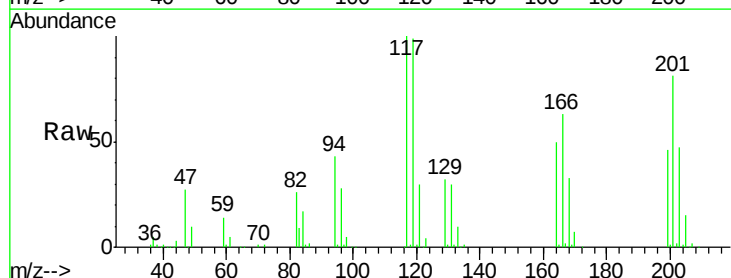
Manual Integrations
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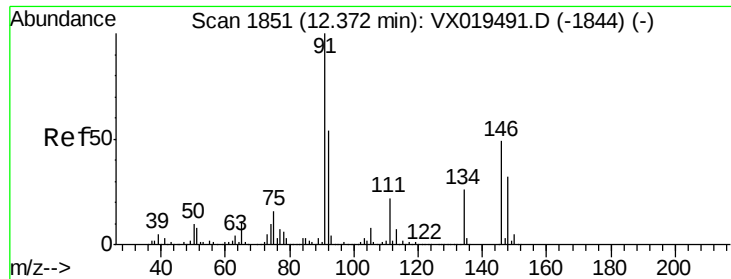
MMDadoda
12/2/2020 12:44:01 PM



#90
Hexachloroethane
Concen: 18.356 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34994		
201	79.7	39.4	118.2	





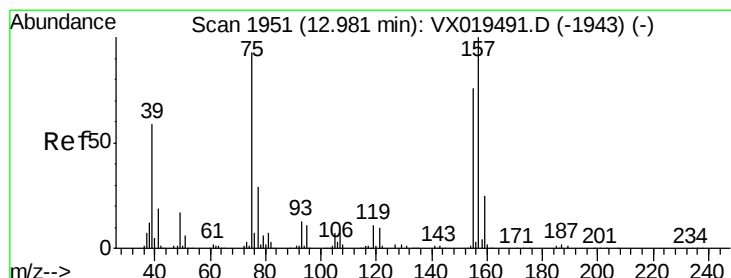
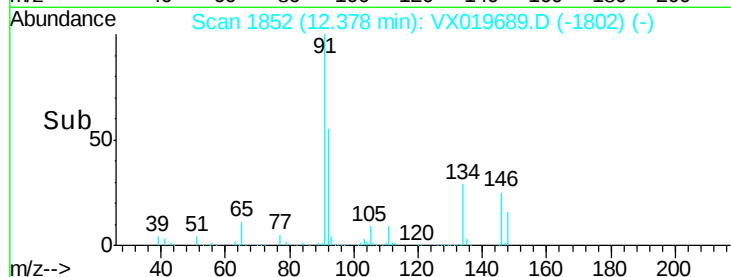
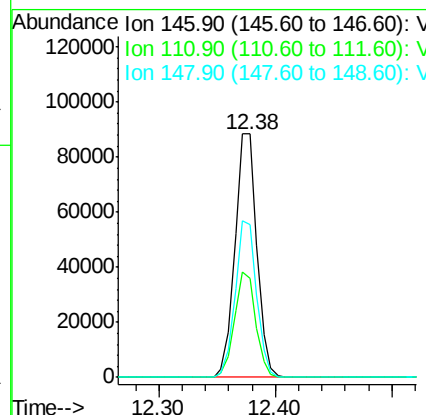
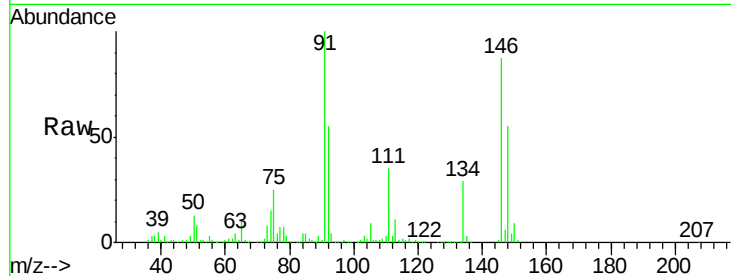
#91
 1,2-Dichlorobenzene
 Concen: 18.920 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	115787		
111	42.0	21.1	63.3	
148	62.7	32.4	97.0	

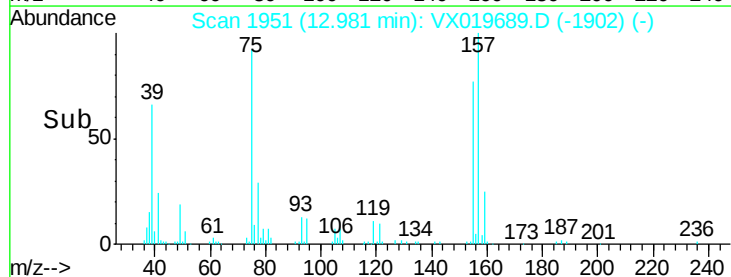
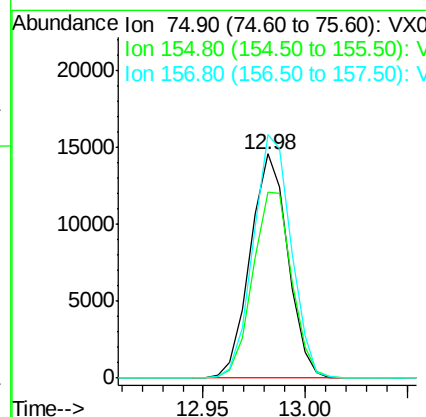
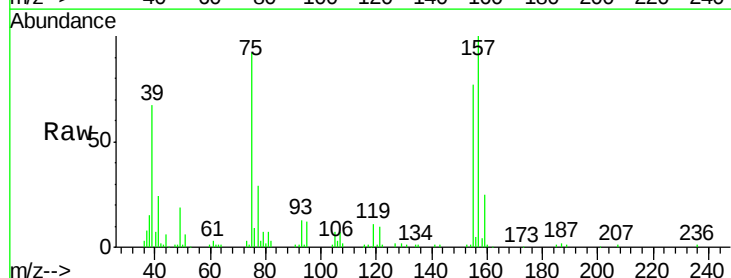
Manual Integrations
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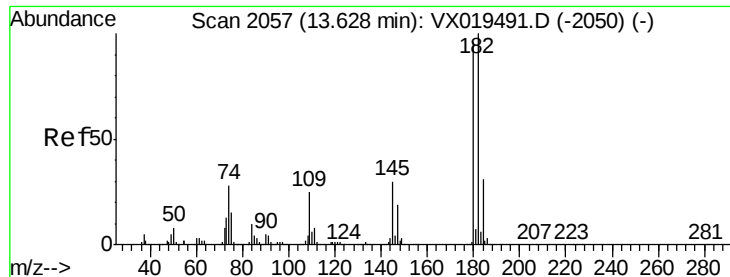
MMDadoda
 12/2/2020 12:44:01 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.667 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18648		
155	86.1	43.6	130.9	
157	109.3	57.0	170.8	





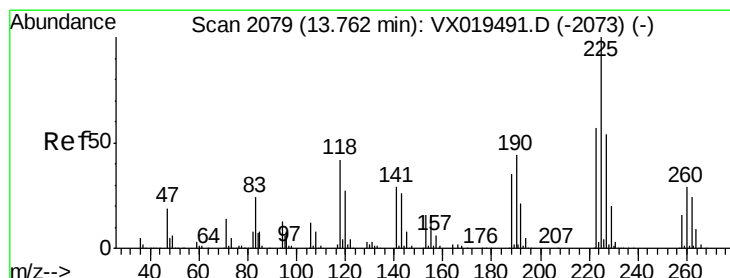
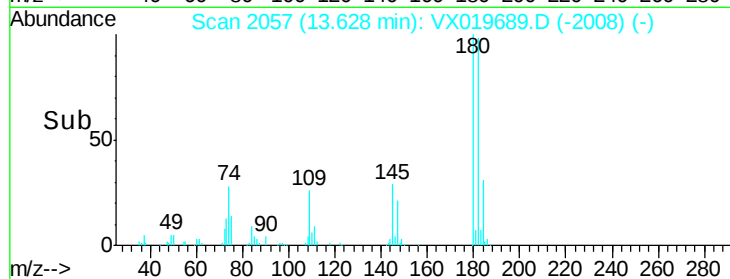
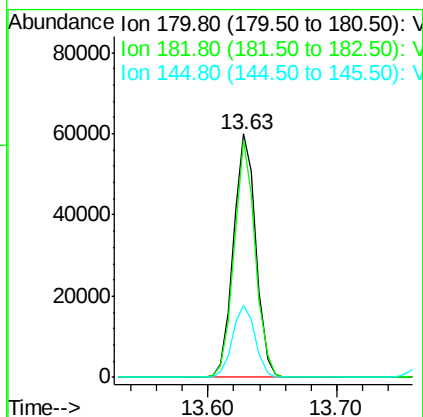
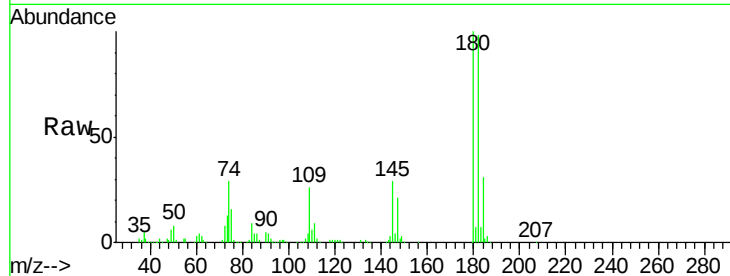
#93
 1,2,4-Trichlorobenzene
 Concen: 18.573 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	72971		
182	92.0		48.6	145.9
145	29.6		15.9	47.7

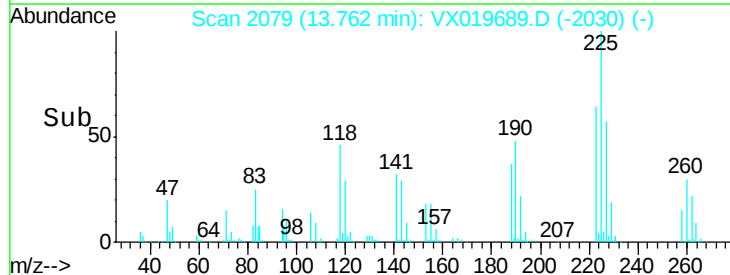
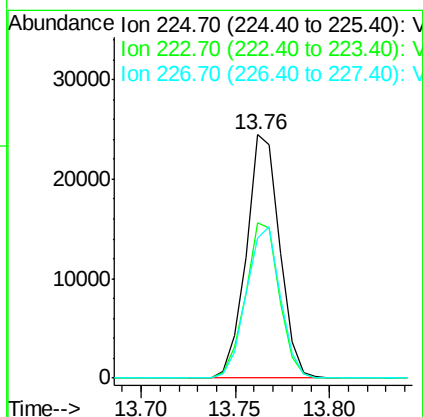
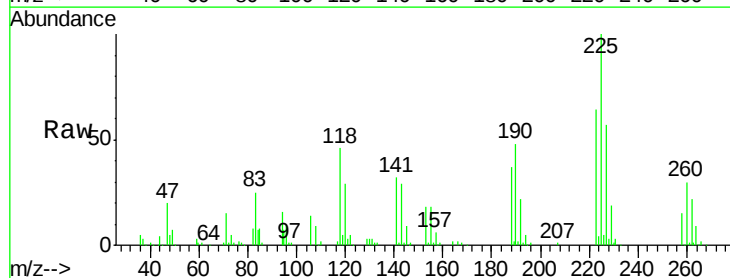
Manual Integrations
 APPROVED

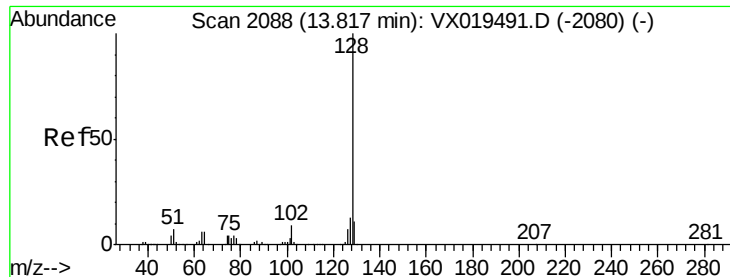
MMDadoda
 12/2/2020 12:44:01 PM



#94
 Hexachlorobutadiene
 Concen: 16.751 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29981		
223	64.6		32.5	97.5
227	63.2		32.8	98.3





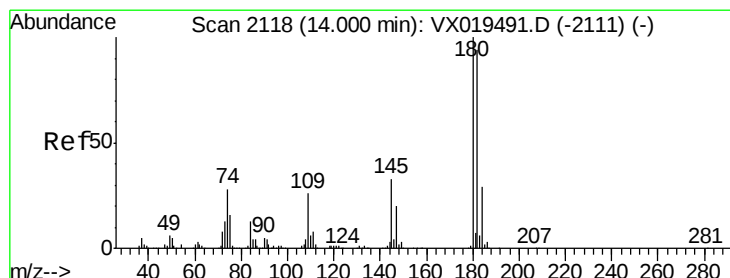
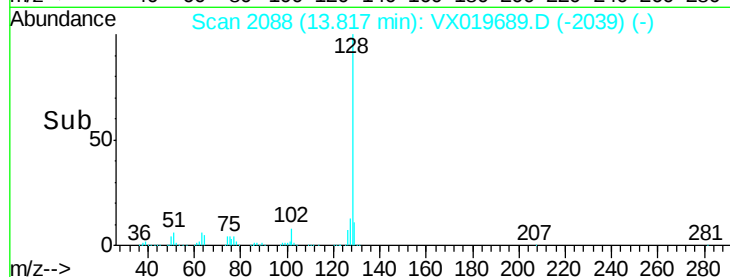
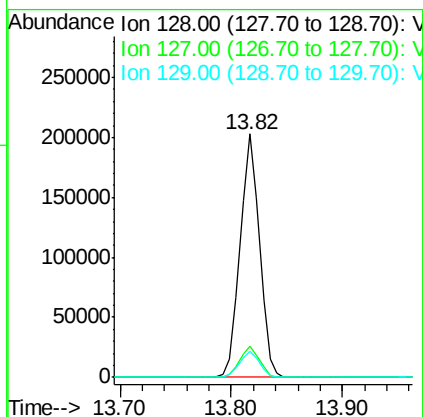
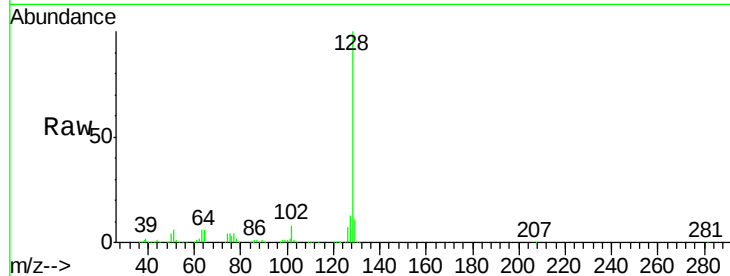
#95
Naphthalene
Concen: 19.111 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:44:01 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.494 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.1	144.3
145	32.9	16.6	49.8

