

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019069.D
 Acq On : 23 Oct 2020 10:16
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 11:17:24 AM

Quant Time: Oct 23 11:54:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 11:41:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	44980	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	254932	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	226671	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	92638	31.88	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.27%
60) 4-Bromofluorobenzene	11.12	95	100297	28.73	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.77%
63) Toluene-d8	8.70	98	303169	30.30	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	38881	18.207	ug/l 100
3) Chloromethane	1.31	50	35989	15.686	ug/l 100
4) Vinyl Chloride	1.39	62	46874	16.241	ug/l 100
5) Bromomethane	1.64	94	40785	22.659	ug/l 100
6) Chloroethane	1.72	64	31229	15.692	ug/l 100
7) Trichlorofluoromethane	1.92	101	78623	17.094	ug/l 100
8) Diethyl Ether	2.17	74	30148	16.712	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38262	15.329	ug/l 100
10) 1,1-Dichloroethene	2.36	96	38592	14.891	ug/l 100
11) Methyl Iodide	2.49	142	26908	9.193	ug/l 100
12) Methyl Acetate	2.75	43	38398	15.051	ug/l 100
13) Acrolein	2.28	56	13627	30.318	ug/l 100
14) Acrylonitrile	3.12	53	89269	75.363	ug/l 100
15) Acetone	2.42	58	23806	63.142	ug/l 100
16) Carbon Disulfide	2.55	76	107570	16.604	ug/l 100
17) Allyl chloride	2.71	41	47409	14.207	ug/l 100
18) Methylene Chloride	2.84	84	44257	16.634	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	45251	16.913	ug/l 100
20) Diisopropyl ether	3.82	45	96795	15.421	ug/l 100
21) 1,1-Dichloroethane	3.67	63	72027	16.578	ug/l 100
22) cis-1,2-Dichloroethene	4.57	96	52154	17.146	ug/l 100
23) tert-Butyl Alcohol	3.01	59	42779	66.765	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	121443	16.676	ug/l 100
25) Chloroform	5.18	83	79142	17.060	ug/l 100
26) Cyclohexane	5.55	56	55201	15.917	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	59932	16.529	ug/l 100
30) 2-Butanone	4.64	43	117513	67.317	ug/l 100
31) 2,2-Dichloropropane	4.55	77	69061	16.231	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	72276	16.422	ug/l 100
33) Carbon Tetrachloride	5.76	117	61076	15.325	ug/l 100
34) Benzene	6.11	78	176607	16.440	ug/l 100
35) Methacrylonitrile	5.01	41	26940	14.720	ug/l 100
36) 1,2-Dichloroethane	6.16	62	60922	17.136	ug/l 100
37) Trichloroethene	7.18	130	49832	15.913	ug/l 100
38) Methylcyclohexane	7.44	83	66634	16.172	ug/l 100
39) 1,2-Dichloropropane	7.49	63	40050	15.411	ug/l 100
40) Dibromomethane	7.63	93	31335	16.280	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	60966	15.666	ug/l	100
42) Vinyl Acetate	3.78	43	468931	73.822	ug/l	100
43) Ethyl Acetate	4.79	43	49464	13.578	ug/l	100
44) Isopropyl Acetate	6.41	43	82195	14.040	ug/l	100
45) 1,4-Dioxane	7.73	88	18114	291.896	ug/l	100
46) Methyl methacrylate	7.74	41	40188	14.713	ug/l	100
47) n-amyl Acetate	10.88	43	65551	13.641	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	68073	15.405	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	73047	15.539	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	44841	16.345	ug/l	100
51) Ethyl methacrylate	9.16	69	64995	15.184	ug/l	100
52) 1,3-Dichloropropane	9.35	76	74398	16.388	ug/l	100
53) Dibromochloromethane	9.57	129	47364	14.800	ug/l	100
54) 1,2-Dibromoethane	9.65	107	48975	16.238	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	200486	86.651	ug/l	100
56) Bromoform	10.84	173	32390	13.231	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	245346	70.525	ug/l	100
59) 2-Hexanone	9.47	43	185476	69.991	ug/l	100
61) Tetrachloroethene	9.32	164	45635	16.596	ug/l	100
62) Toluene	8.76	91	199184	16.606	ug/l	100
64) Chlorobenzene	10.12	112	121433	16.107	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	43787	15.107	ug/l	100
66) Ethyl Benzene	10.23	91	216962	16.456	ug/l	100
67) m/p-Xylenes	10.34	106	164054	31.875	ug/l	100
68) o-Xylene	10.68	106	76826	15.816	ug/l	100
69) Styrene	10.70	104	127773	15.363	ug/l	100
70) Isopropylbenzene	11.00	105	206952	16.033	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	61252	15.241	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	56935m	15.250	ug/l	100
73) Bromobenzene	11.24	156	50531	15.321	ug/l	100
74) n-propylbenzene	11.34	91	237996	16.166	ug/l	100
75) 2-Chlorotoluene	11.40	91	133204	15.726	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	167069	15.531	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	20958	13.264	ug/l	100
78) 4-Chlorotoluene	11.49	91	156531	15.675	ug/l	100
79) tert-butylbenzene	11.76	119	165167	15.209	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	168826	15.698	ug/l	100
81) sec-Butylbenzene	11.93	105	196853	15.702	ug/l	100
82) p-Isopropyltoluene	12.05	119	179003	15.387	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	90250	15.282	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	91209	15.315	ug/l	100
85) n-Butylbenzene	12.37	91	159765	15.291	ug/l	100
86) Hexachloroethane	12.58	117	25976	13.443	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	86517	15.166	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	13392	13.940	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	60675	14.552	ug/l	100
90) Hexachlorobutadiene	13.76	225	25475	14.641	ug/l	100
91) Naphthalene	13.82	128	199070	14.684	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	58653	14.482	ug/l	100

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QLast Update : Fri Oct 23 11:41:37 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

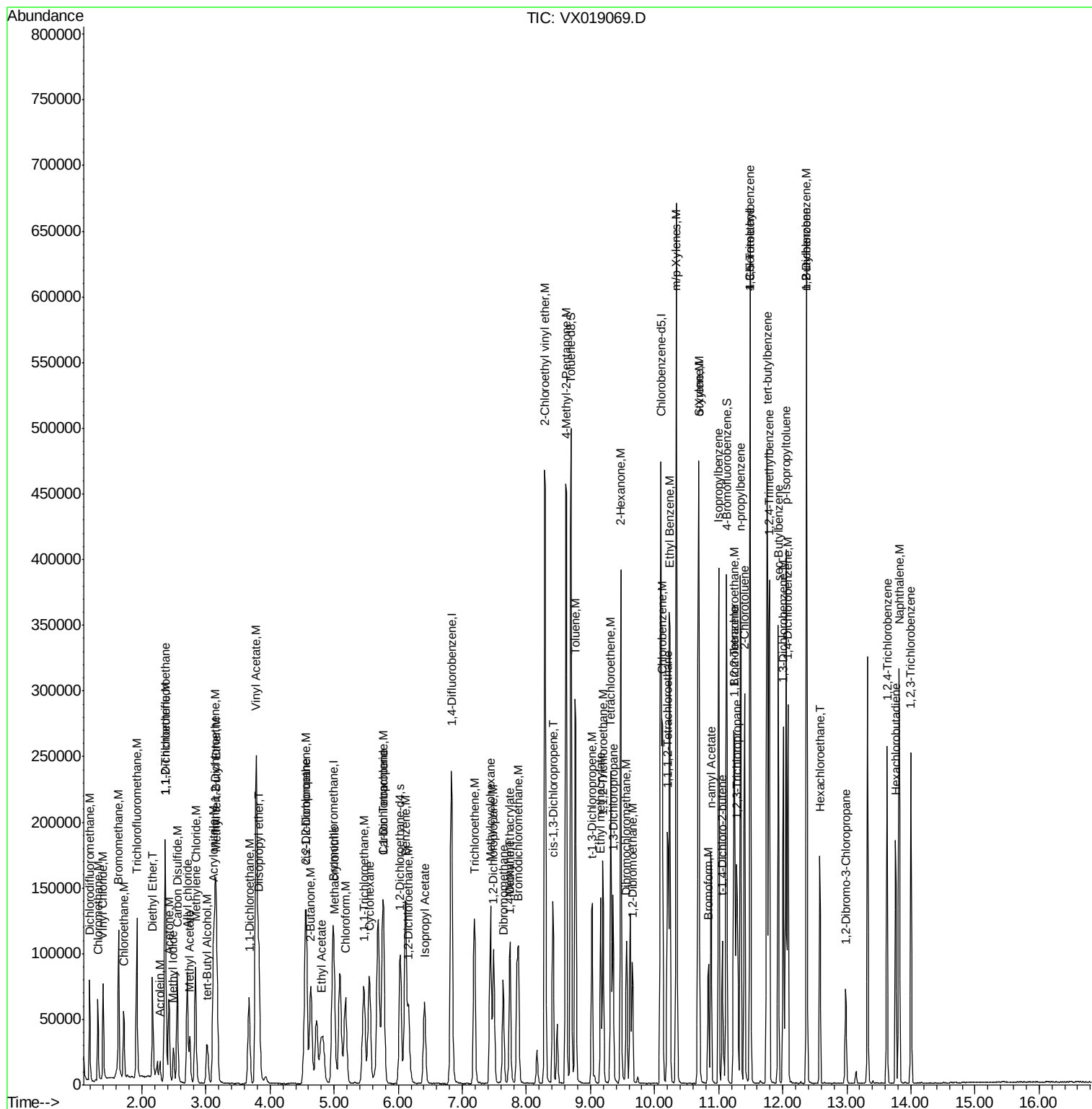
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Data File : VX019069.D
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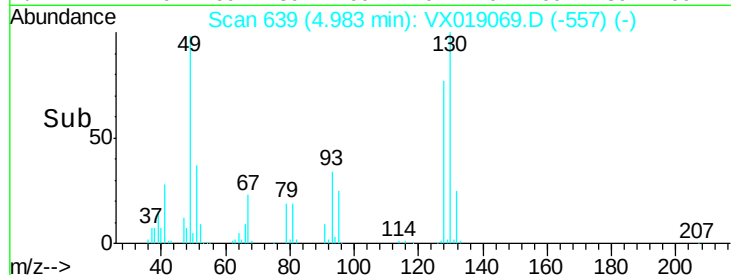
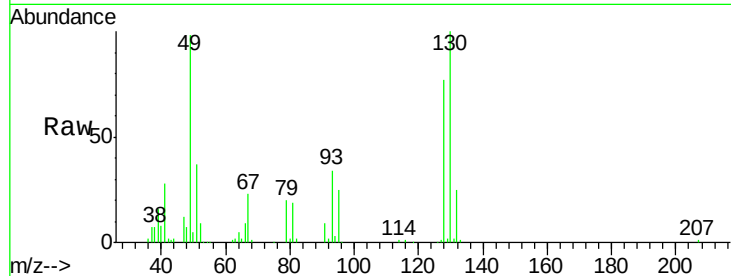
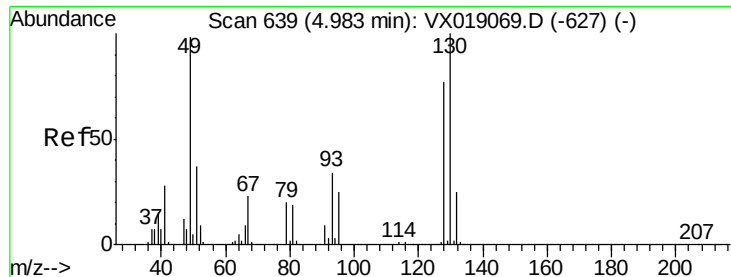
Instrument :
MSVOA_X
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Tot Ion:	128	Resp:	44980
Ion	Ratio	Lower	Upper
128	100		
49	127.5	0.0	318.8
130	128.7	0.0	321.8

Instrument :

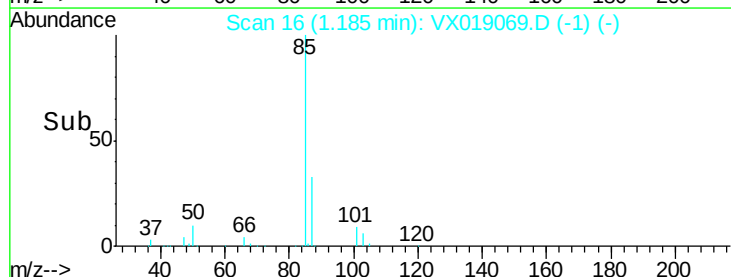
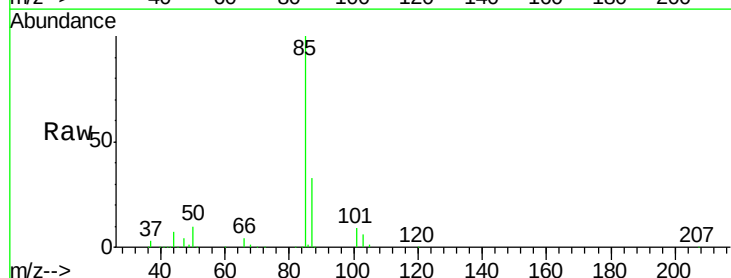
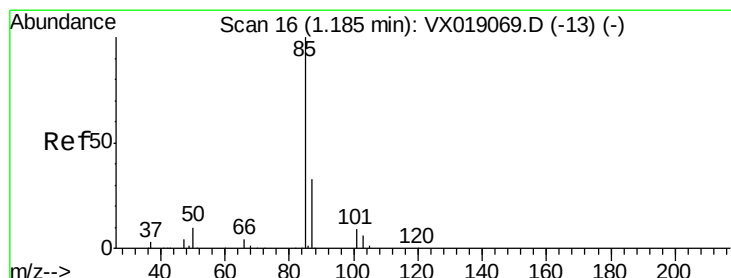
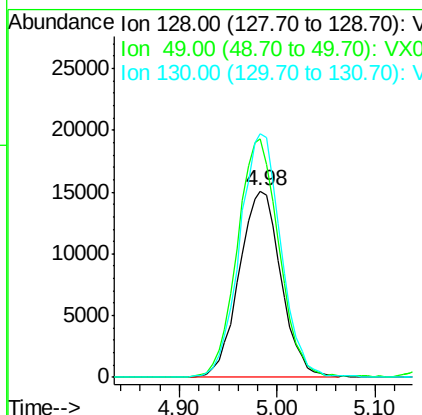
MSVOA_X

ClientSampleId :

VSTDICCC020

Manual Integrations
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10/26/2020 11:17:24 AM



#2

Dichlorodifluoromethane

Concen: 18.207 ug/l

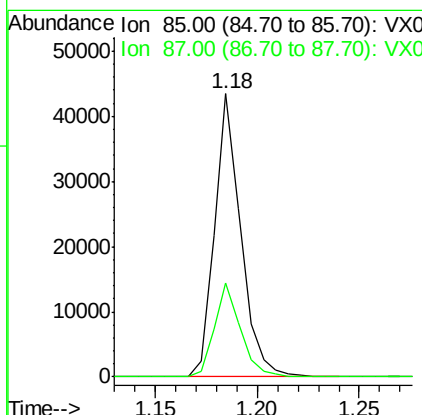
RT: 1.18 min Scan# 16

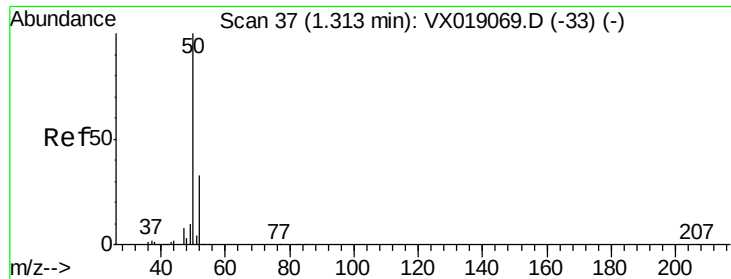
Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Tgt Ion:	85	Resp:	38881
Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.6	49.7





#3

Chloromethane

Concen: 15.686 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 35989

Ion Ratio Lower Upper

50 100

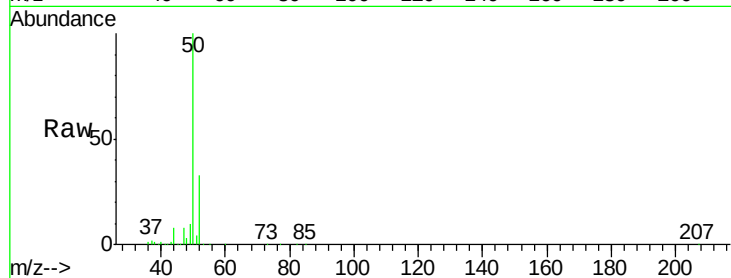
52 33.4 26.7 40.1

Manual Integrations

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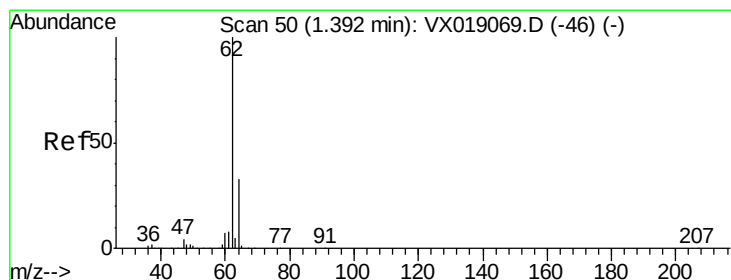
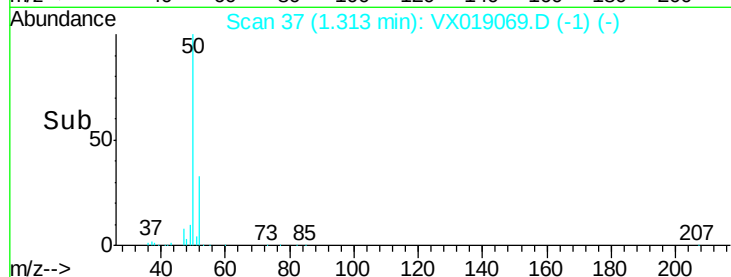
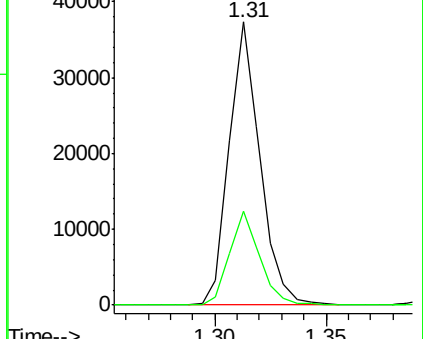
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 16.241 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019069.D

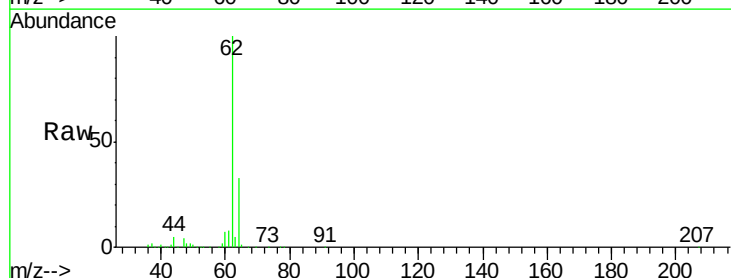
Acq: 23 Oct 2020 10:16

Tgt Ion: 62 Resp: 46874

Ion Ratio Lower Upper

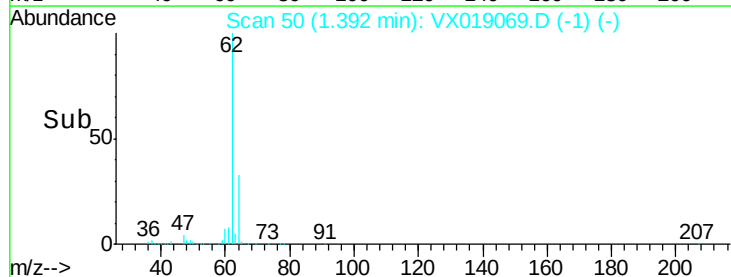
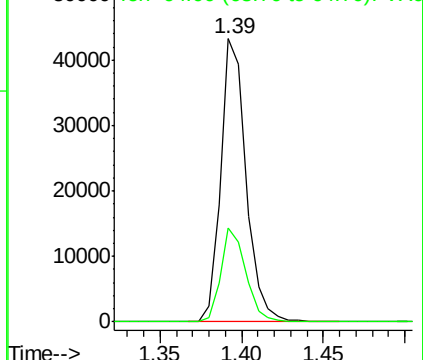
62 100

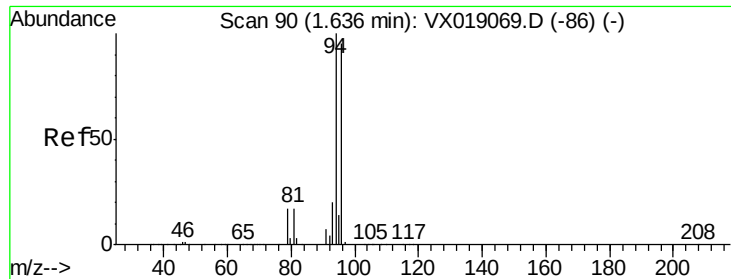
64 33.4 26.7 40.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 22.659 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 40785

Ion Ratio Lower Upper

94 100

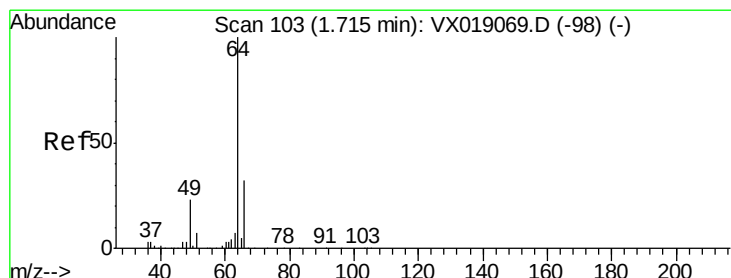
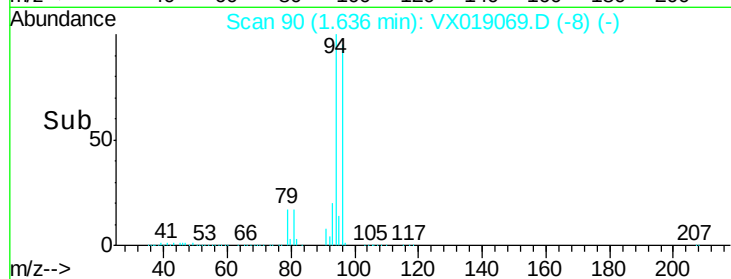
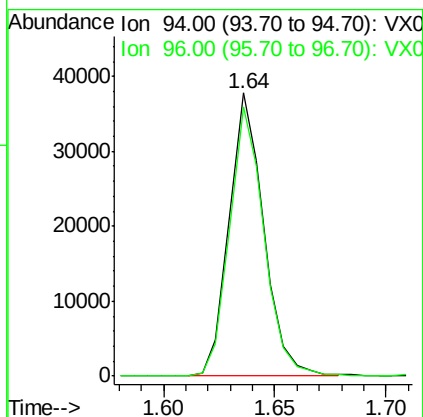
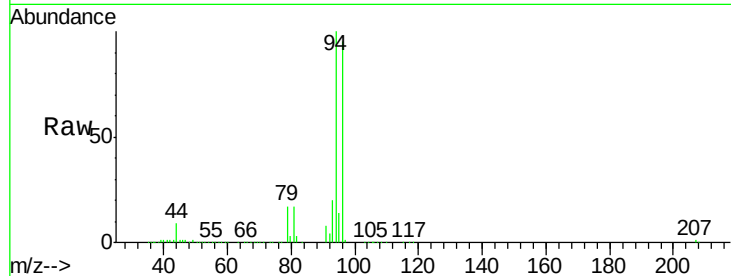
96 95.2 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 15.692 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019069.D

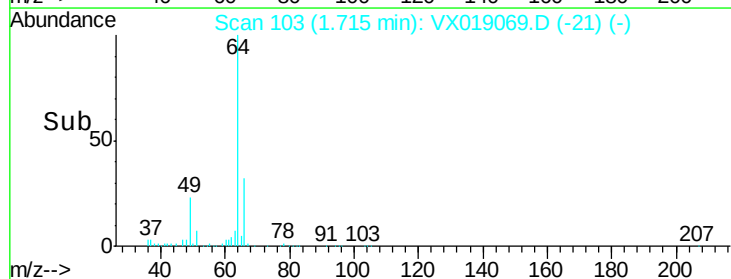
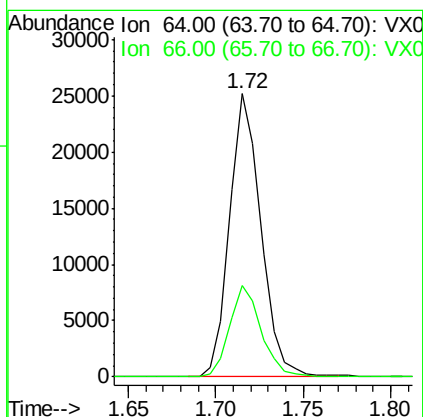
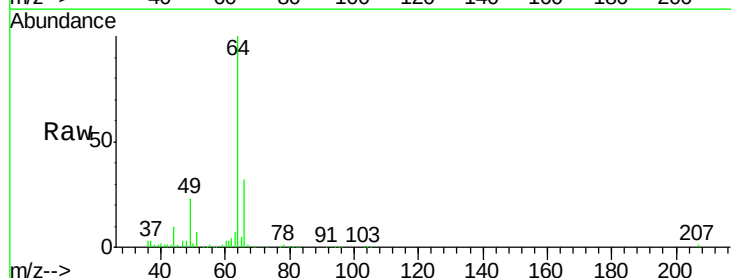
Acq: 23 Oct 2020 10:16

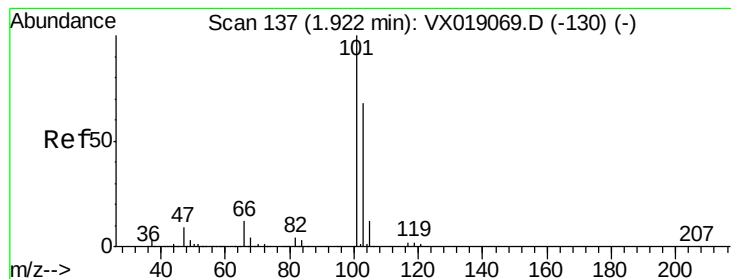
Tgt Ion: 64 Resp: 31229

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9





#7

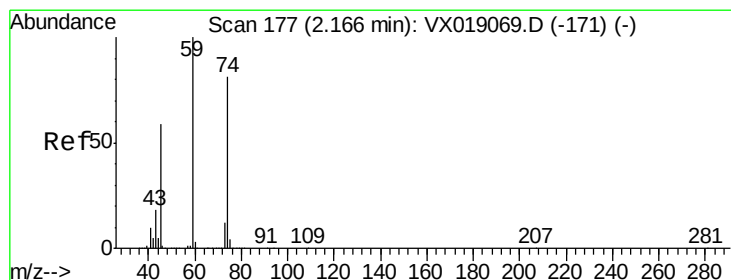
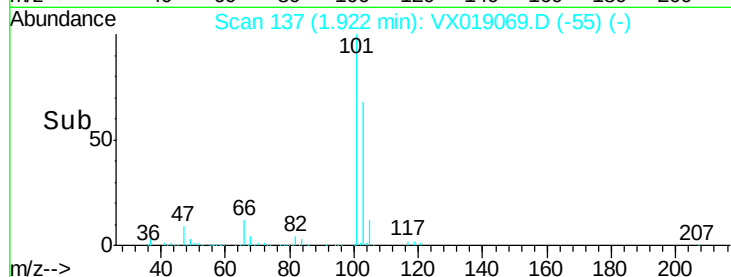
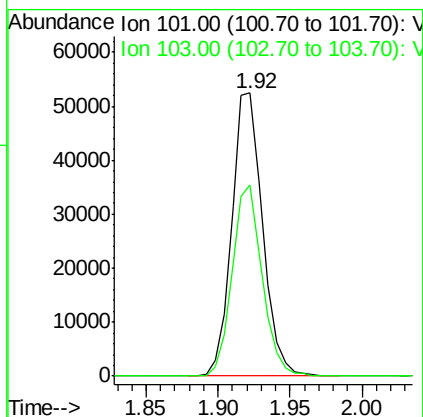
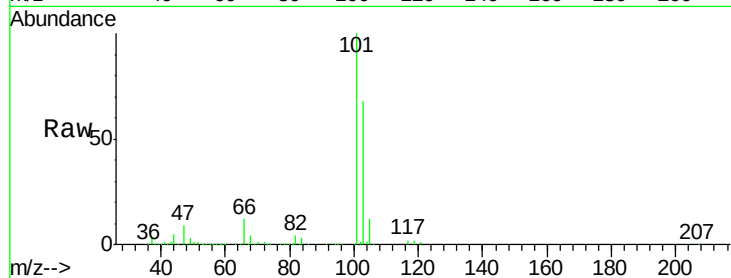
Trichlorofluoromethane
Concen: 17.094 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		78623		
103	67.8	54.2	81.4		

Manual Integrations
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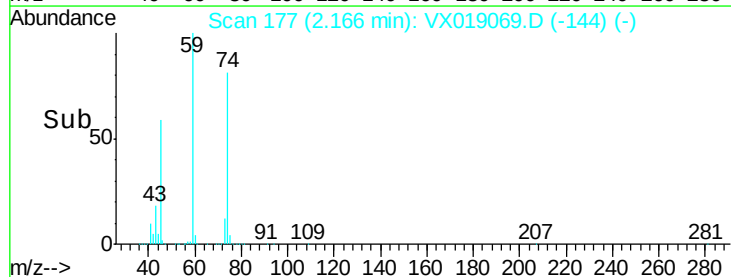
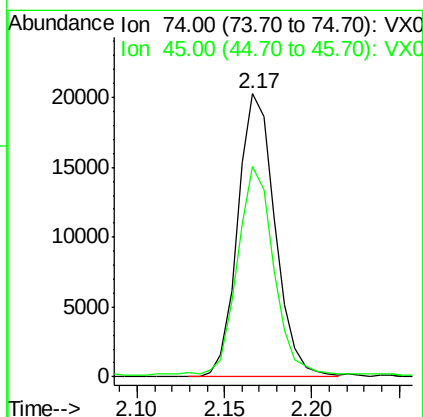
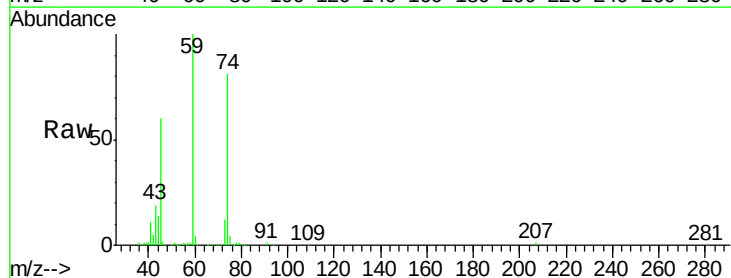
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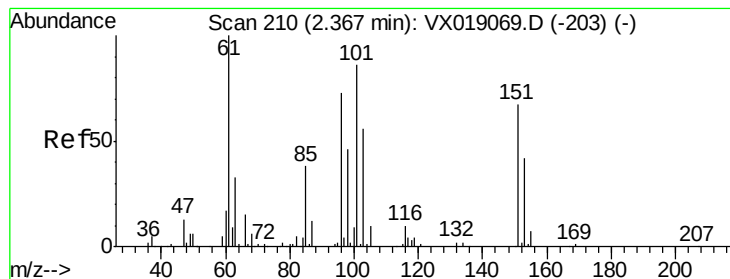


#8

Diethyl Ether
Concen: 16.712 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		30148		
45	72.6	14.5	130.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.329 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

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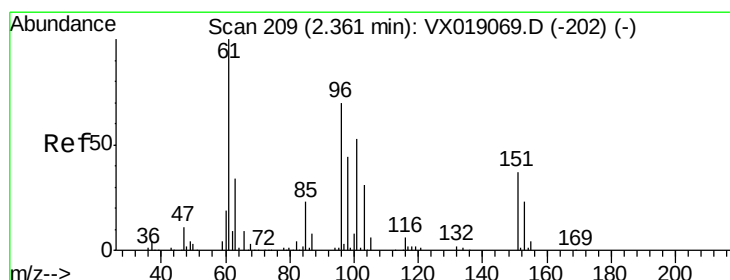
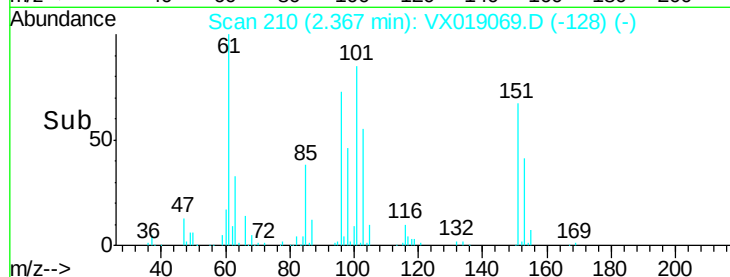
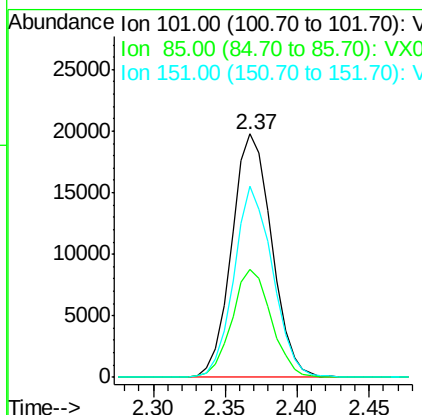
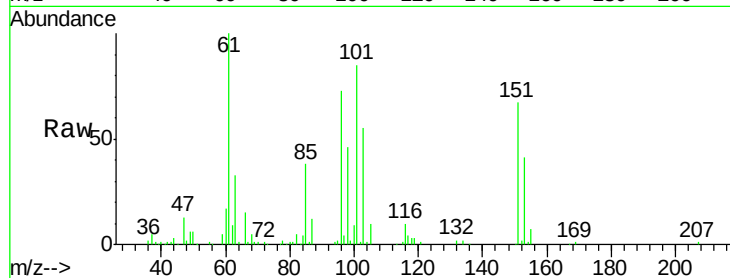
ClientSampleId :

VSTDICCC020

Tot Ion:	101	Resp:	38262
Ion Ratio	Lower	Upper	
101	100		
85	43.5	0.0	87.0
151	75.9	0.0	151.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 14.891 ug/l

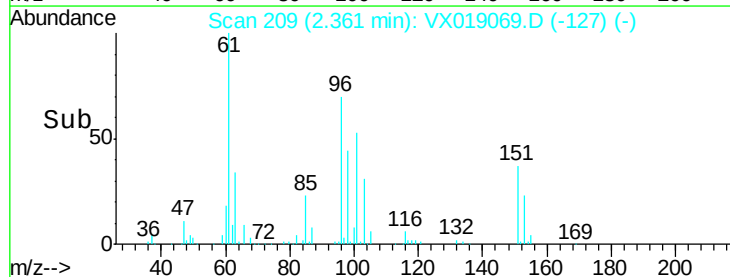
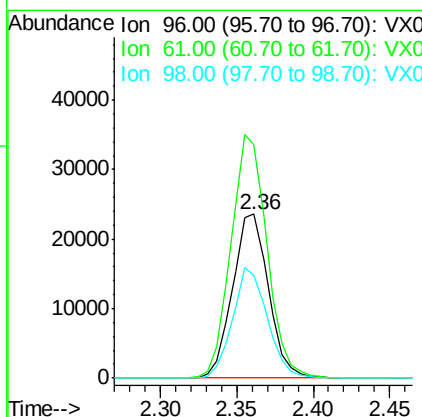
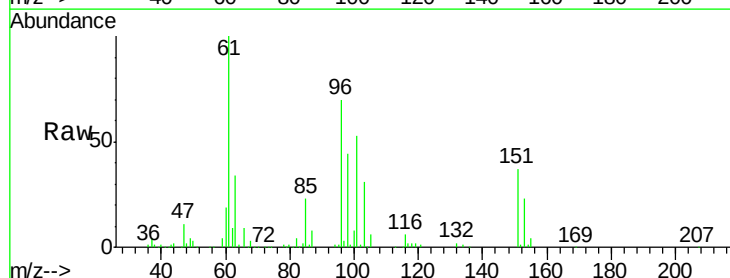
RT: 2.36 min Scan# 209

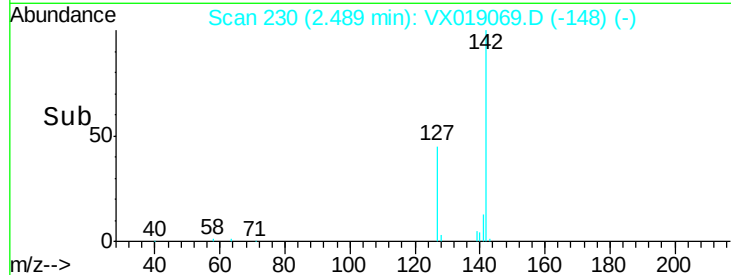
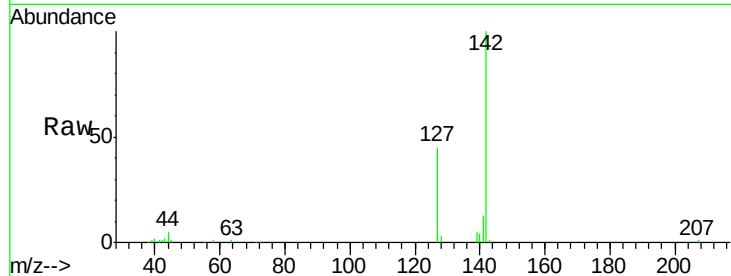
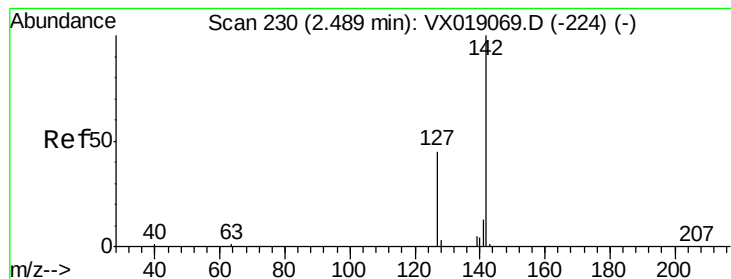
Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Tgt Ion:	96	Resp:	38592
Ion Ratio	Lower	Upper	
96	100		
61	142.3	113.8	170.8
98	63.0	50.4	75.6





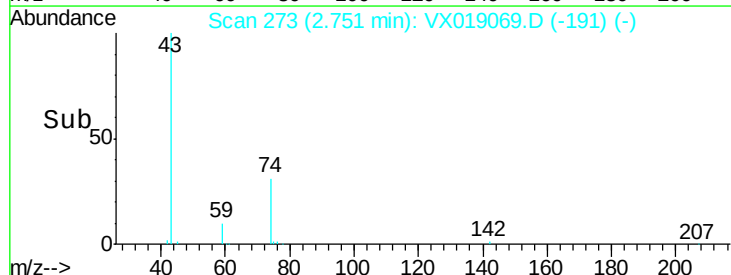
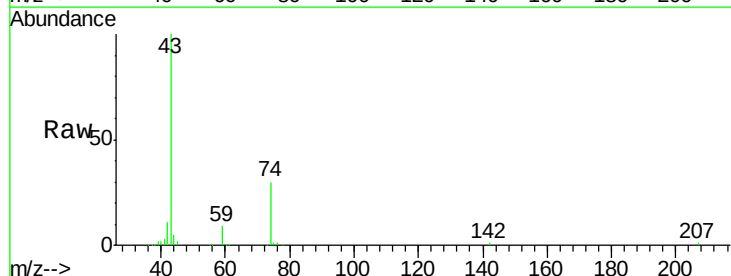
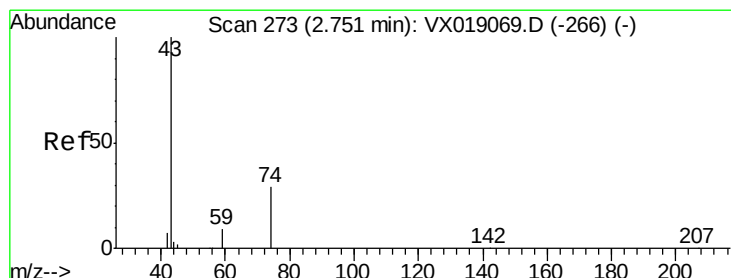
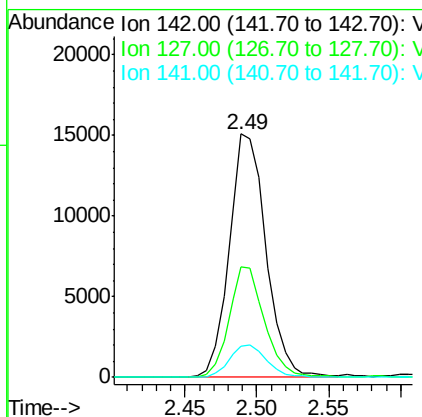
#11
Methyl Iodide
Concen: 9.193 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tot Ion	Ratio	Resp	Lower	Upper
142	100	26908		
127	45.1		22.6	67.7
141	12.7		6.3	19.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

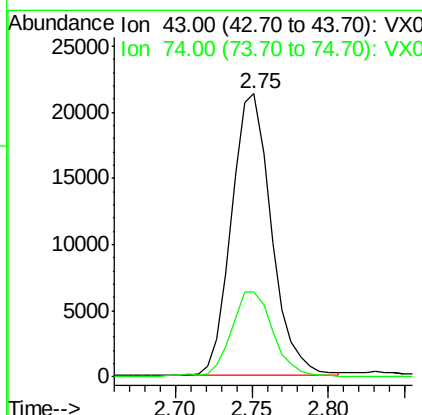
Manual Integrations
APPROVED

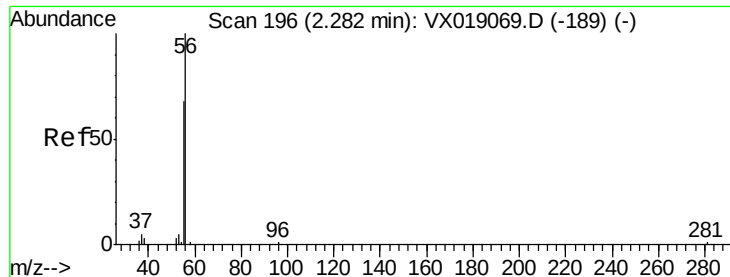
MMDadoda
10/26/2020 11:17:24 AM



#12
Methyl Acetate
Concen: 15.051 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	38398		
74	29.9		23.9	35.9





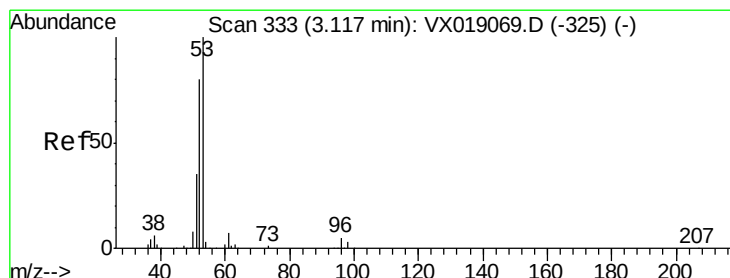
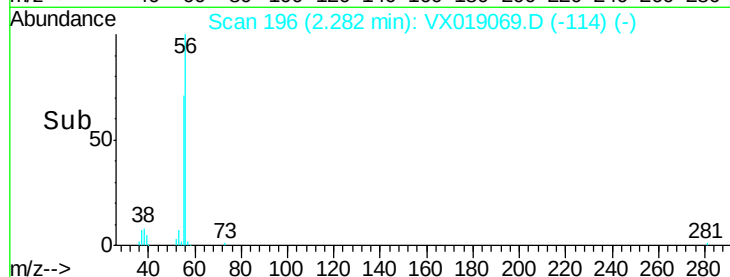
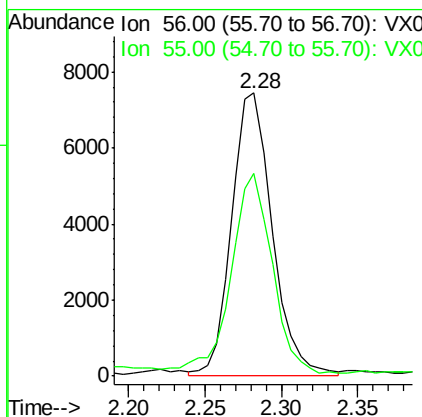
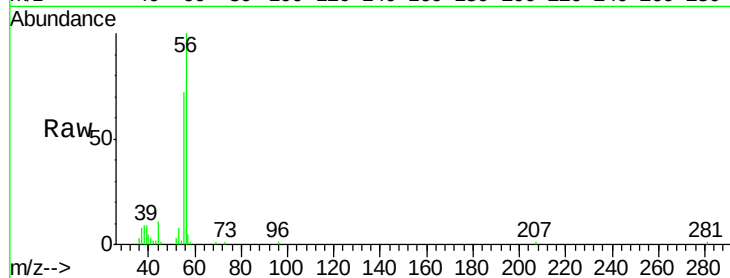
#13
Acrolein
Concen: 30.318 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	56	Resp	13627
Ion Ratio	100	Lower	Upper
55	72.4	58.2	87.2

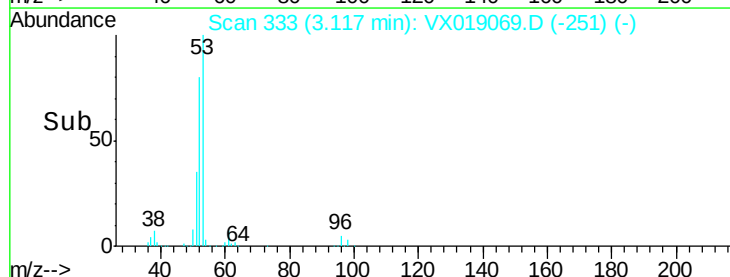
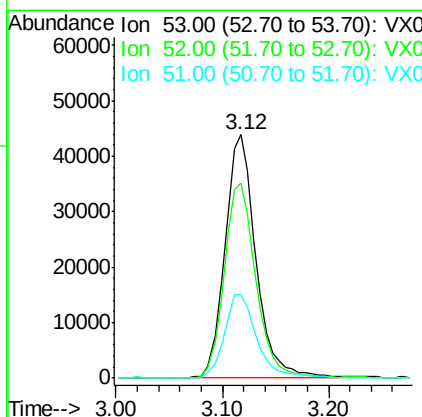
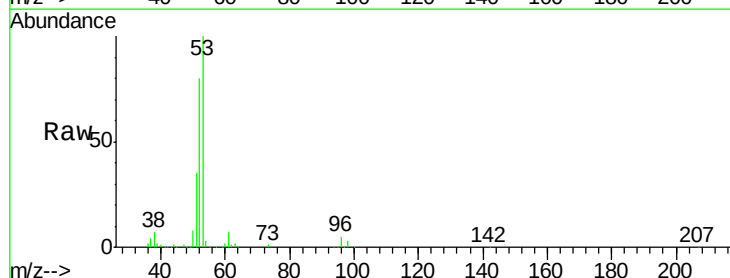
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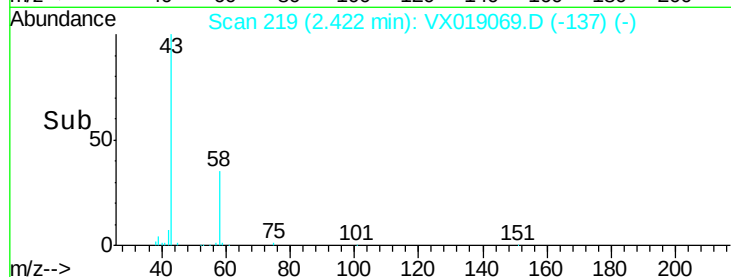
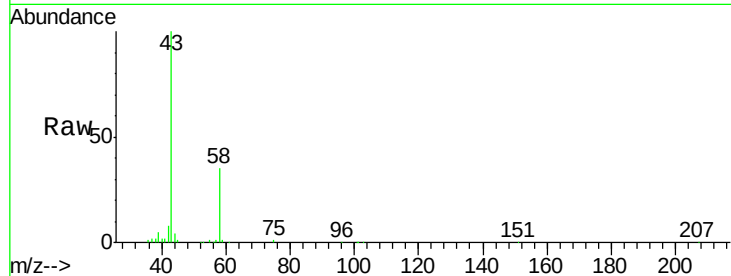
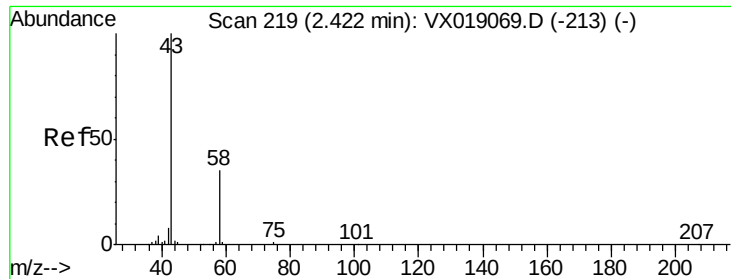
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#14
Acrylonitrile
Concen: 75.363 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	53	Resp	89269
Ion Ratio	100	Lower	Upper
52	82.0	41.0	123.0
51	36.4	18.2	54.6





#15

Acetone

Concen: 63.142 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Tot Ion: 58 Resp: 23806

Ion Ratio Lower Upper

58 100

43 283.4 226.7 340.1

Instrument :

MSVOA_X

ClientSampleId :

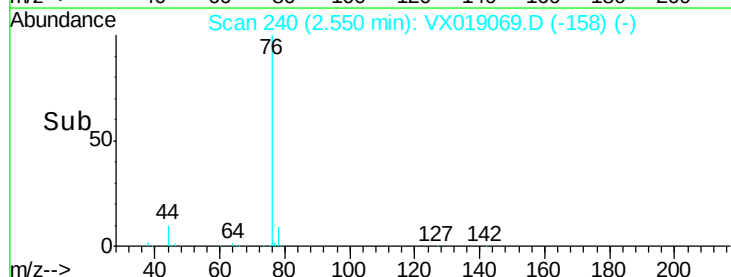
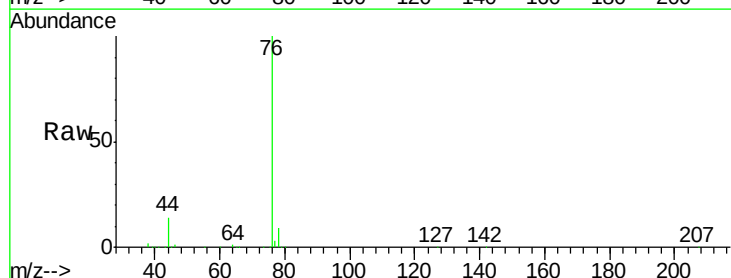
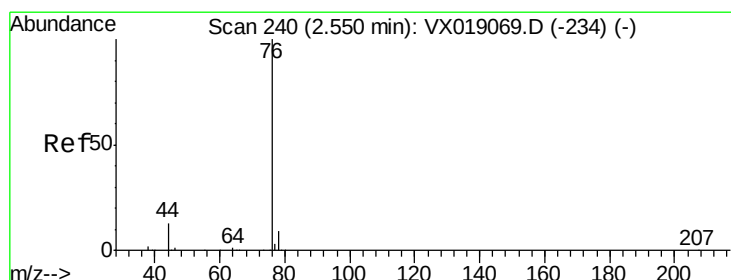
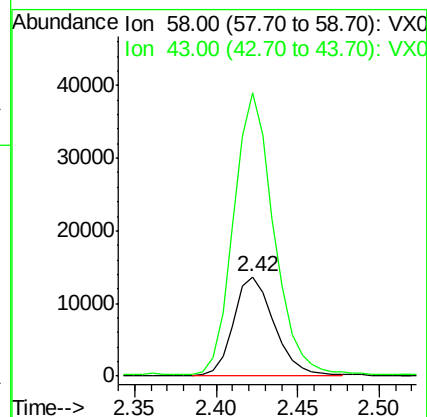
VSTDICCC020

Manual Integrations

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#16

Carbon Disulfide

Concen: 16.604 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019069.D

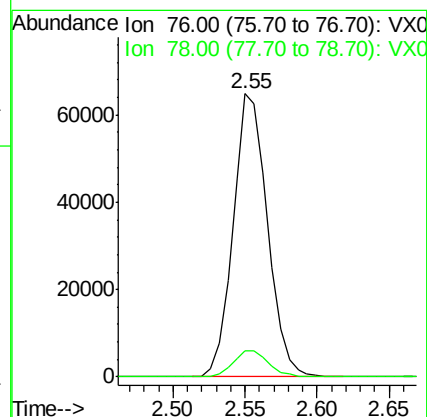
Acq: 23 Oct 2020 10:16

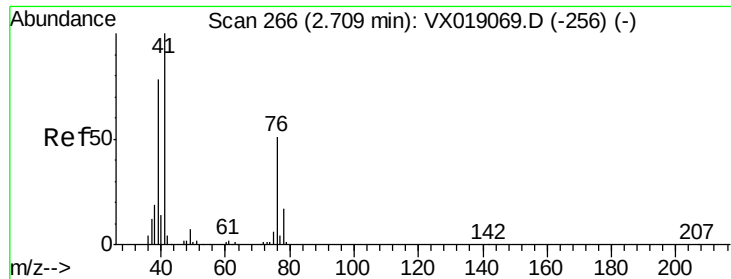
Tgt Ion: 76 Resp: 107570

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





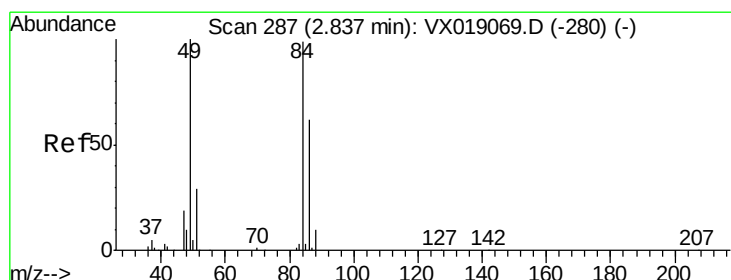
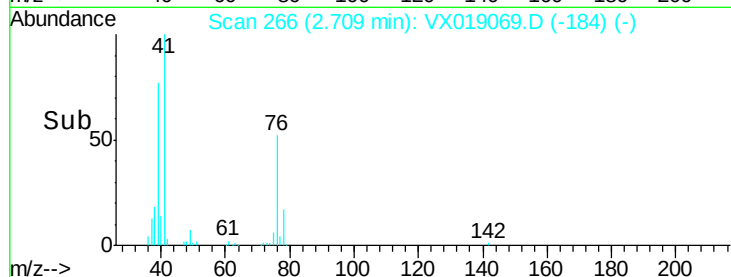
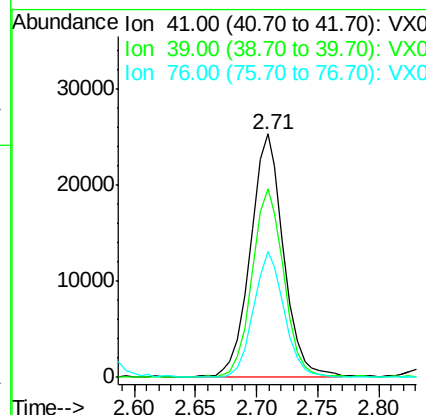
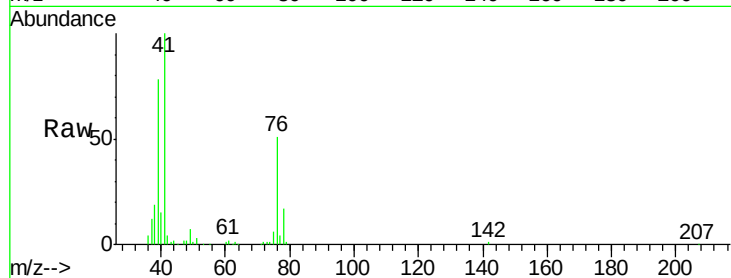
#17
Allvl chloride
Concen: 14.207 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.5	38.8	116.3
76	51.6	25.8	77.4

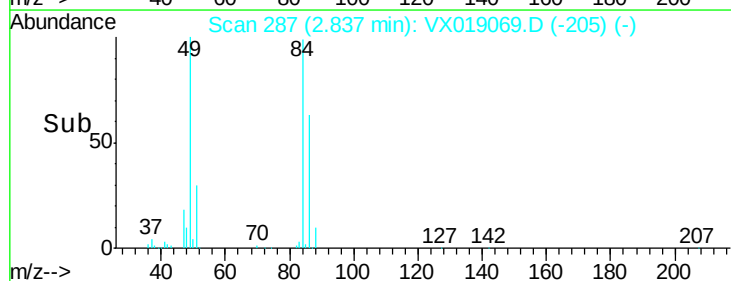
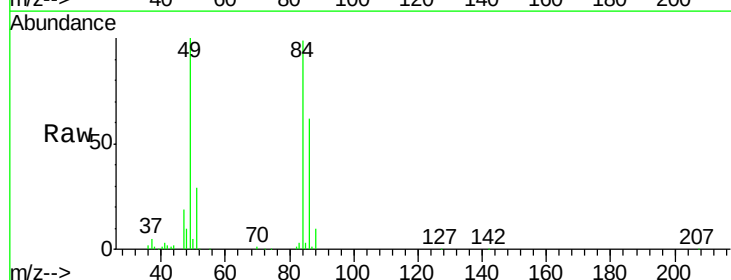
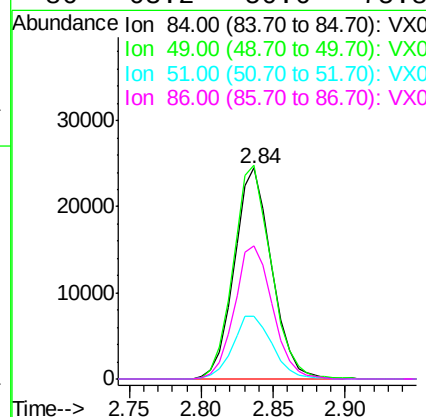
Manual Integrations
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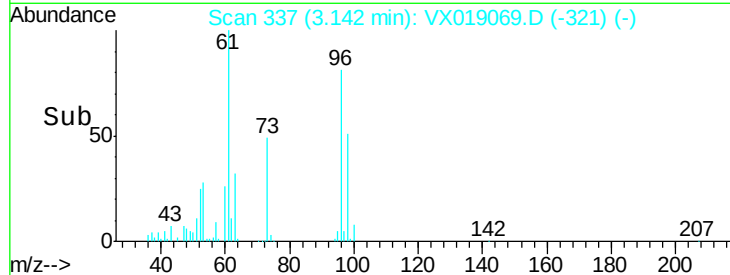
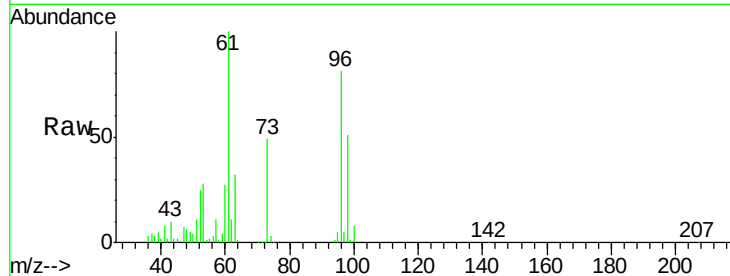
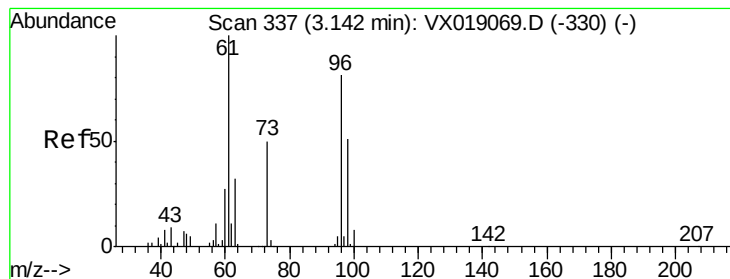
MMDadoda
10/26/2020 11:17:24 AM



#18
Methylene Chloride
Concen: 16.634 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	101.1	80.9	121.3
51	29.7	23.8	35.6
86	63.2	50.6	75.8





#19

trans-1,2-Dichloroethene

Concen: 16.913 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019069.D

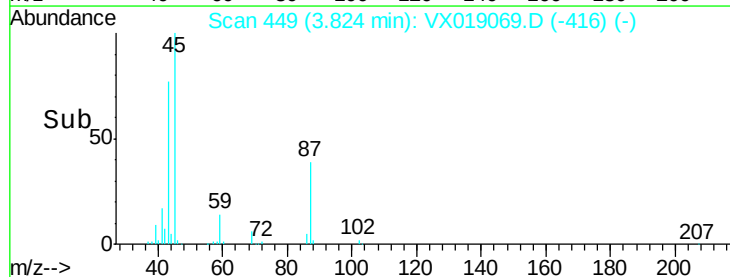
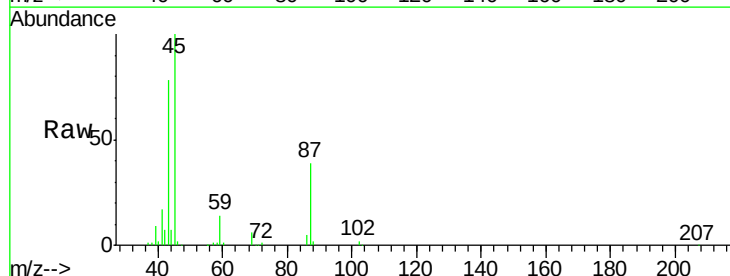
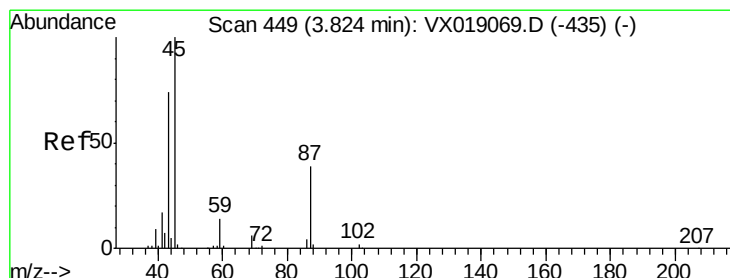
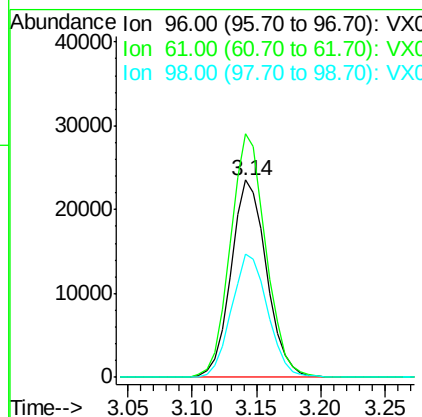
Acq: 23 Oct 2020 10:16

Tot Ion:	96	Resp:	45251
Ion	Ratio	Lower	Upper
96	100		
61	123.0	98.4	147.6
98	62.4	49.9	74.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations
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#20

Diisopropyl ether

Concen: 15.421 ug/l

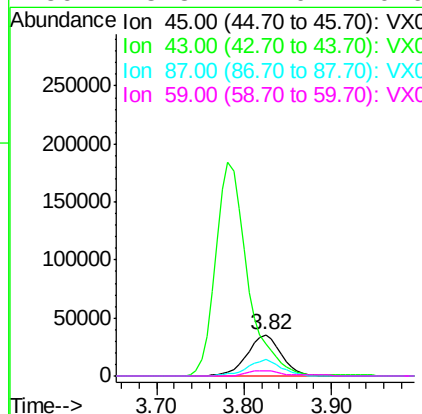
RT: 3.82 min Scan# 449

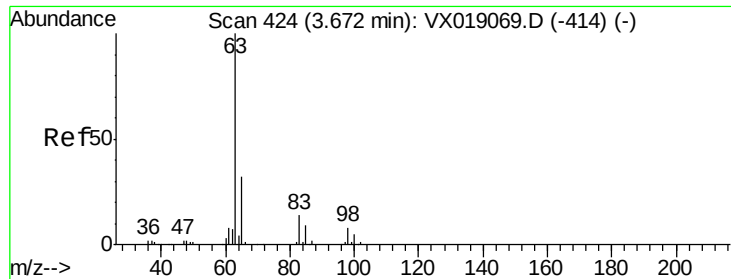
Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Tgt Ion:	45	Resp:	96795
Ion	Ratio	Lower	Upper
45	100		
43	75.8	60.6	91.0
87	38.6	30.9	46.3
59	13.8	11.0	16.6





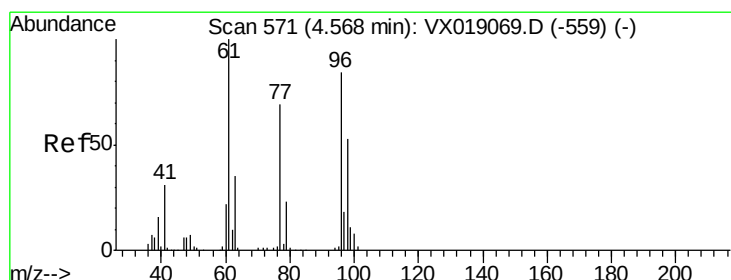
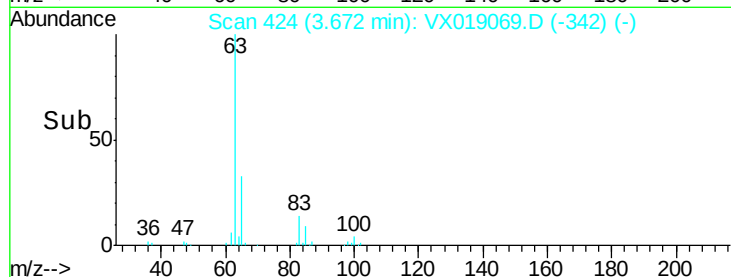
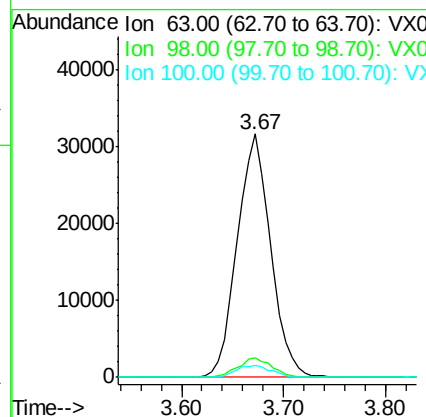
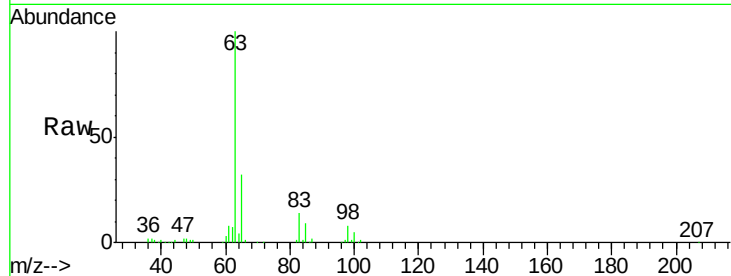
#21
 1,1-Dichloroethane
 Concen: 16.578 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:	63	Resp:	72027
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.9	11.7
100	4.8	2.4	7.2

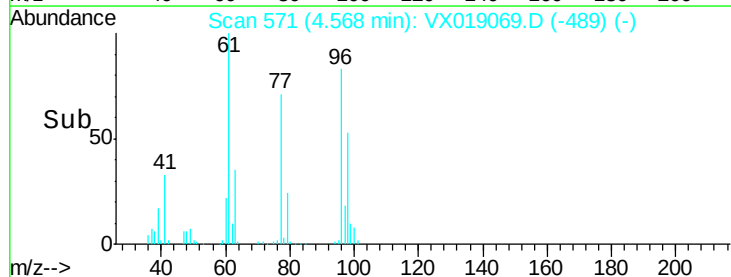
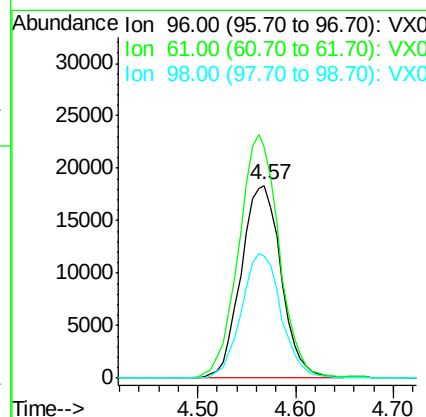
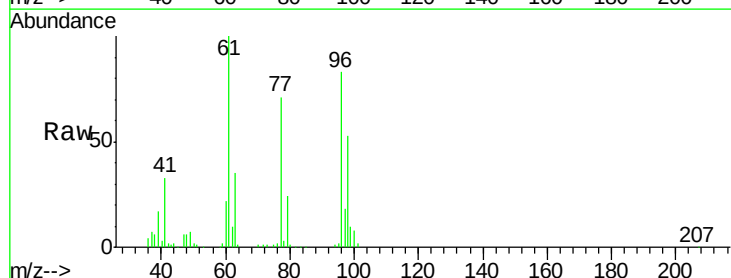
Manual Integrations
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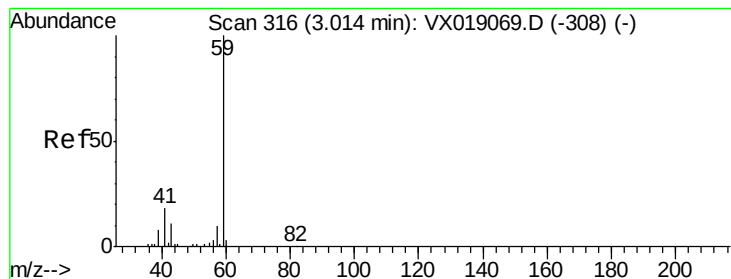
MMDadoda
 10/26/2020 11:17:24 AM



#22
 cis-1,2-Dichloroethene
 Concen: 17.146 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion:	96	Resp:	52154
Ion	Ratio	Lower	Upper
96	100		
61	127.4	101.9	152.9
98	64.1	51.3	76.9





#23

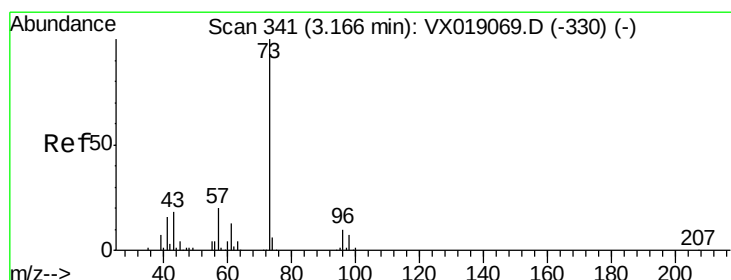
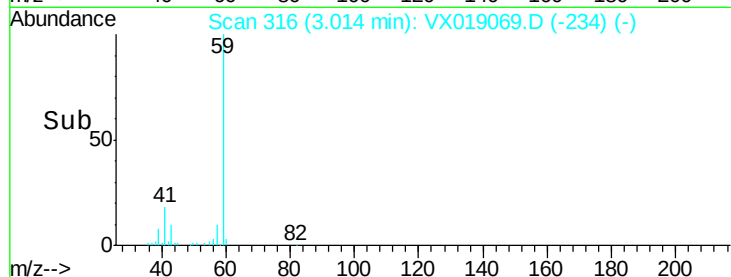
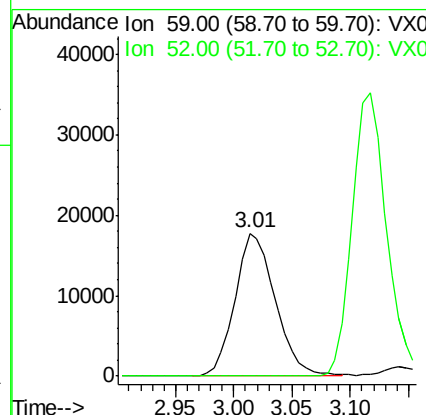
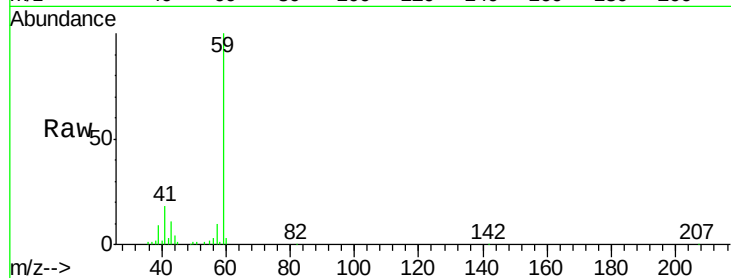
tert-Butyl Alcohol
 Concen: 66.765 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion: 59 Resp: 42779
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.4

Manual Integrations
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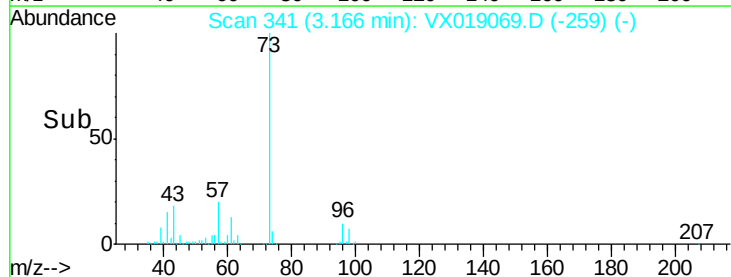
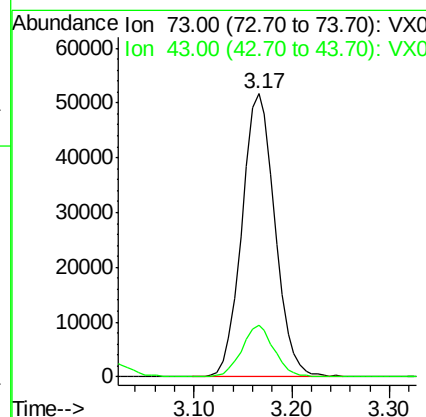
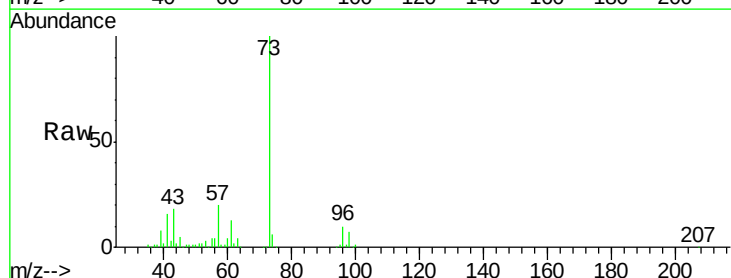
MMDadoda
 10/26/2020 11:17:24 AM

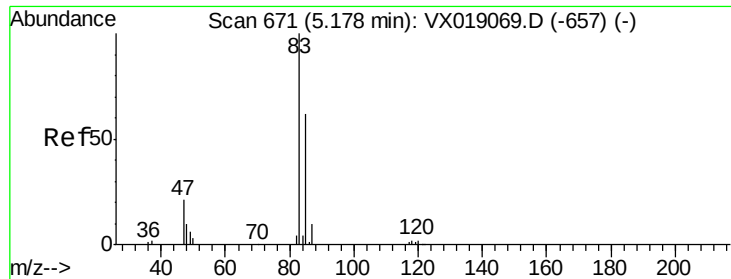


#24

Methyl tert-Butyl Ether
 Concen: 16.676 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion: 73 Resp: 121443
 Ion Ratio Lower Upper
 73 100
 43 17.4 13.9 20.9





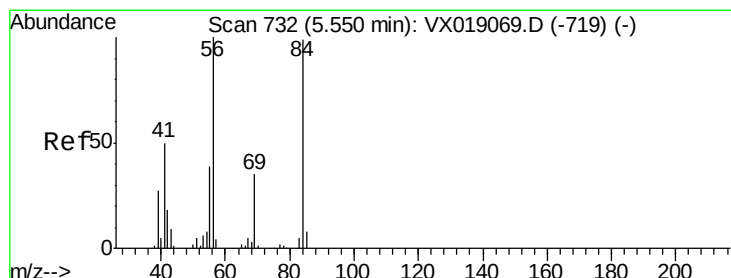
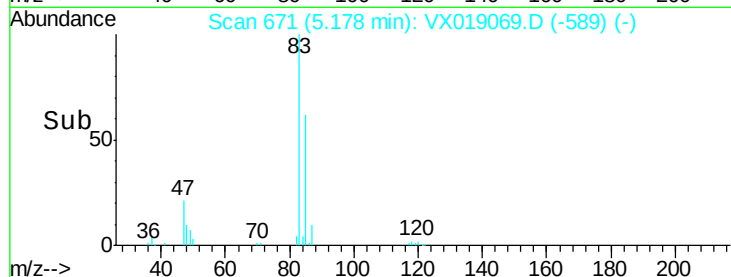
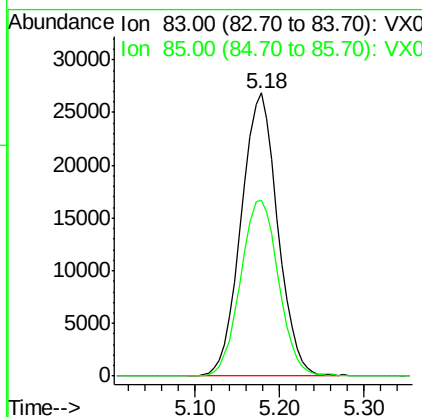
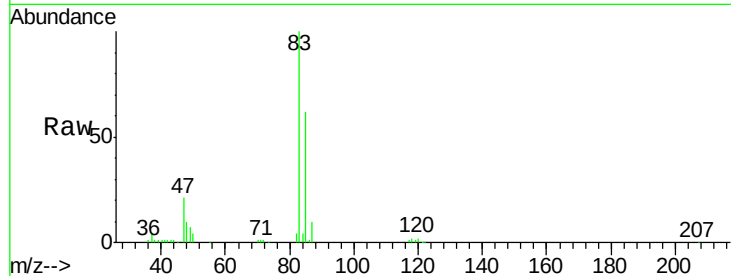
#25
Chloroform
Concen: 17.060 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	83	Resp	79142
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	49.8	74.8

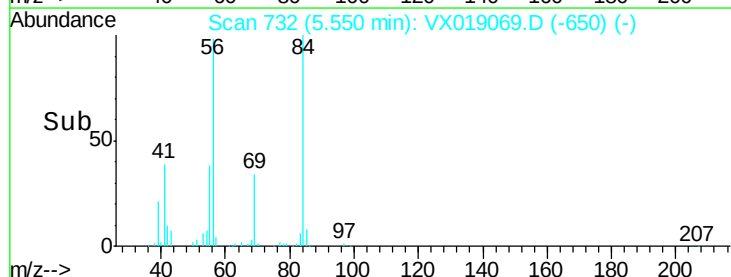
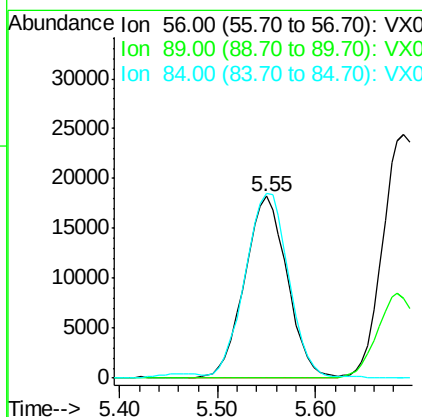
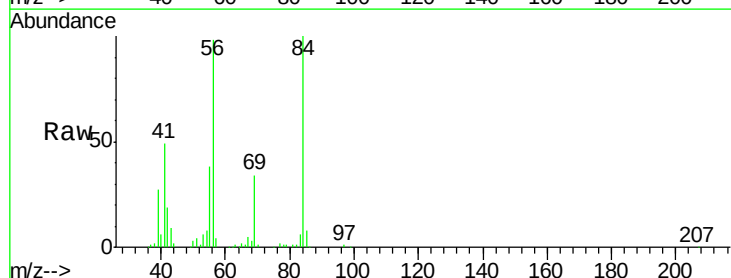
Manual Integrations
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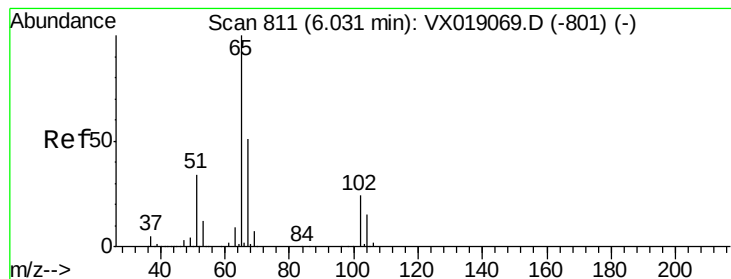
MMDadoda
10/26/2020 11:17:24 AM



#26
Cyclohexane
Concen: 15.917 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	56	Resp	55201
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	104.6	83.7	125.5





#27

1,2-Dichloroethane-d4

Concen: 31.882 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 65 Resp: 92638

Ion Ratio Lower Upper

65 100

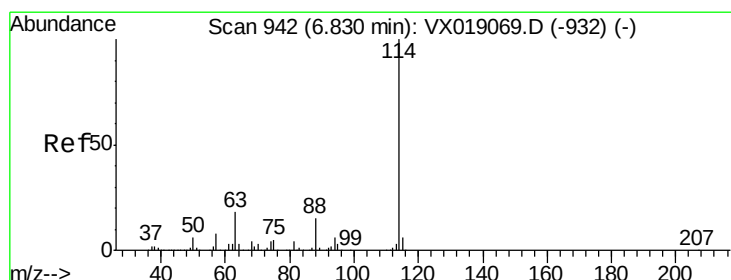
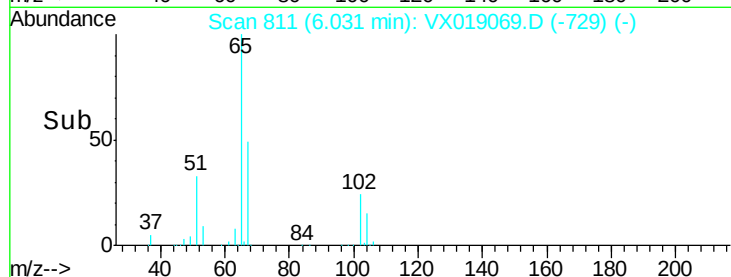
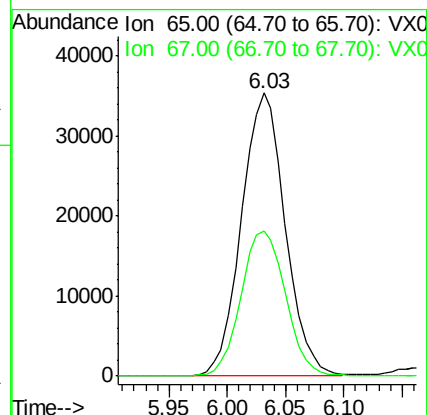
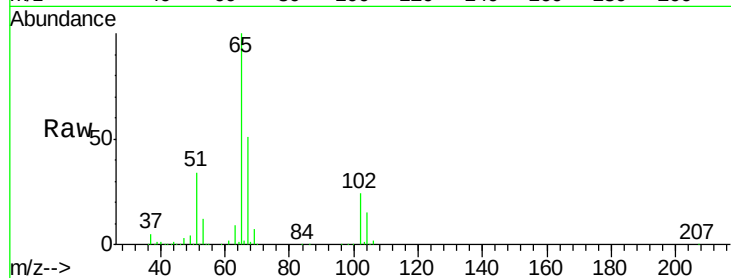
67 52.5 42.0 63.0

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

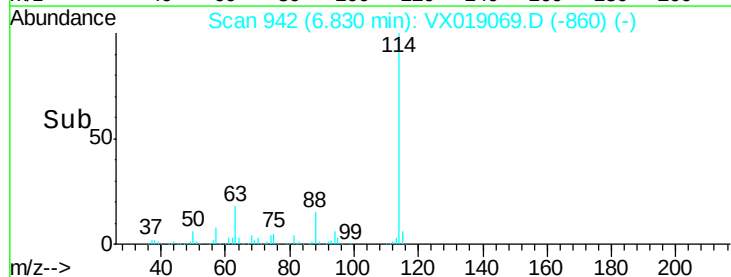
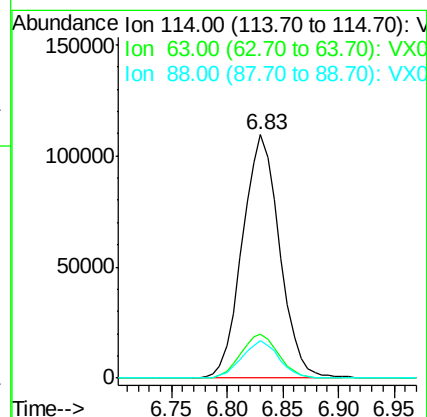
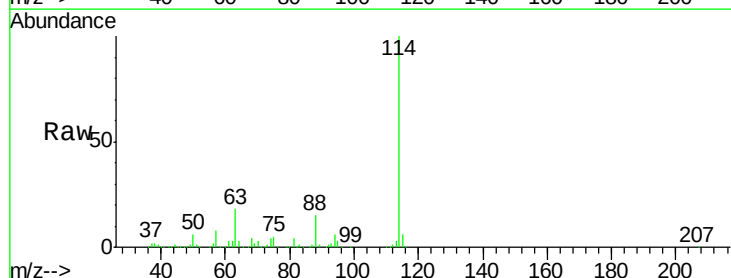
Tgt Ion: 114 Resp: 254932

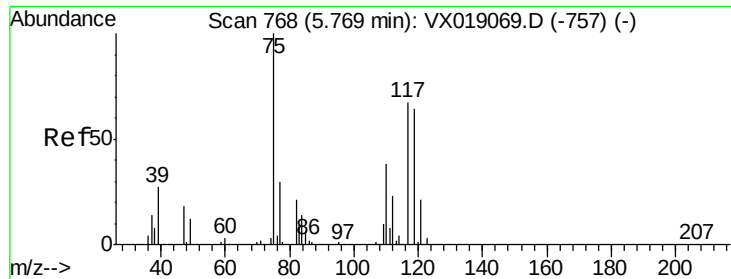
Ion Ratio Lower Upper

114 100

63 18.2 14.6 21.8

88 15.2 12.2 18.2





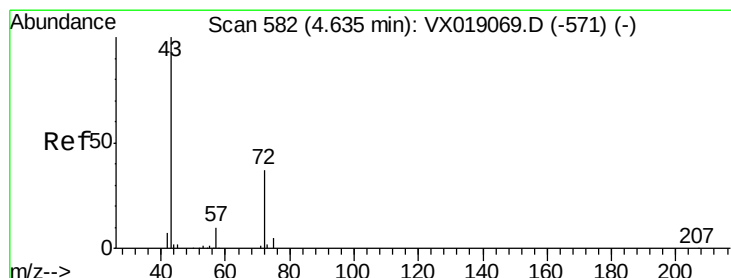
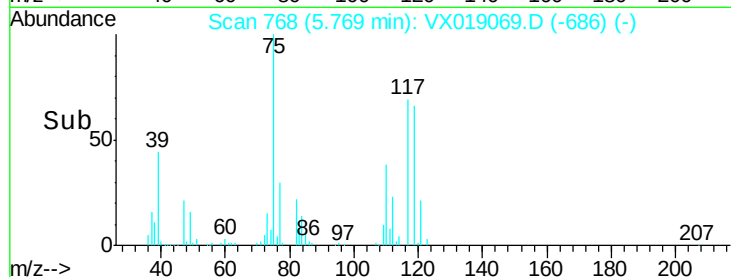
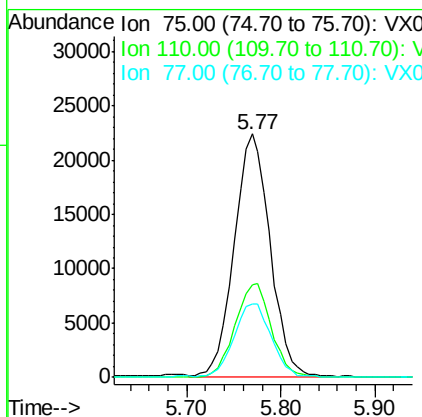
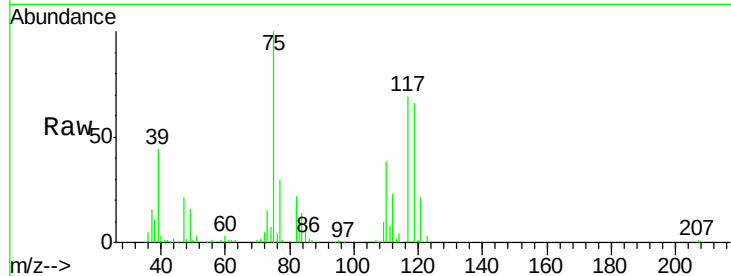
#29
 1,1-Dichloropropene
 Concen: 16.529 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.7	0.0	77.4
77	31.4	0.0	62.8

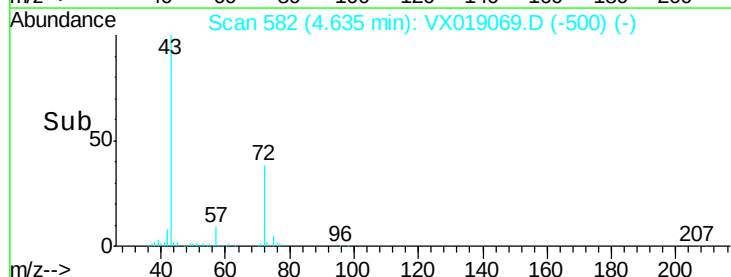
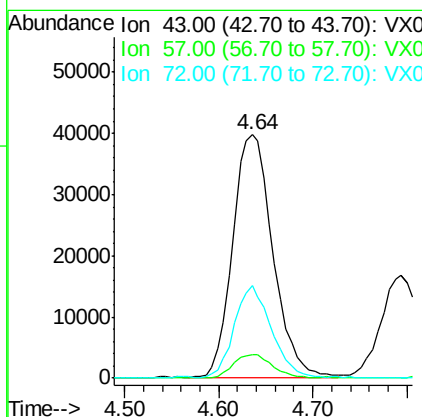
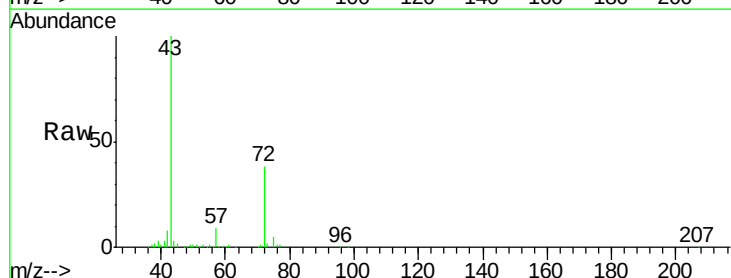
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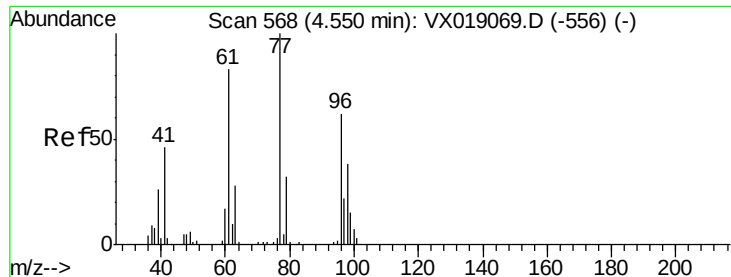
MMDadoda
 10/26/2020 11:17:24 AM



#30
 2-Butanone
 Concen: 67.317 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.7	7.8	11.6
72	35.1	28.1	42.1





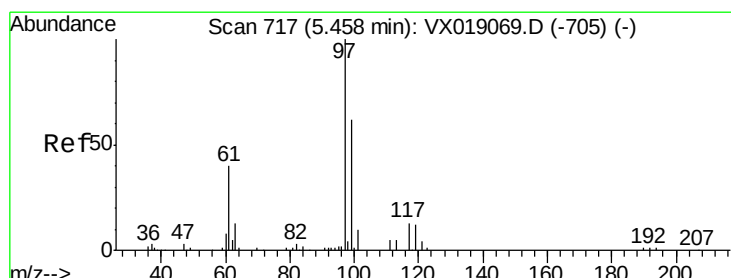
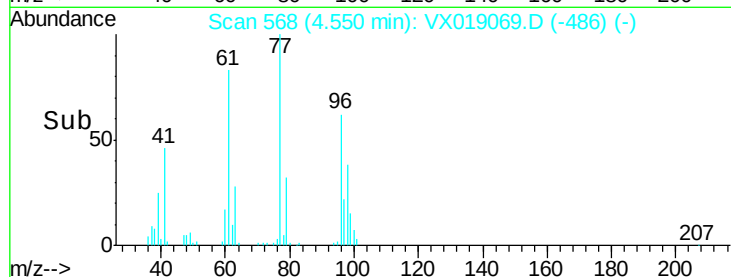
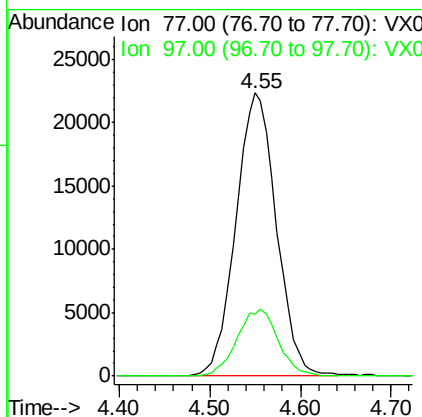
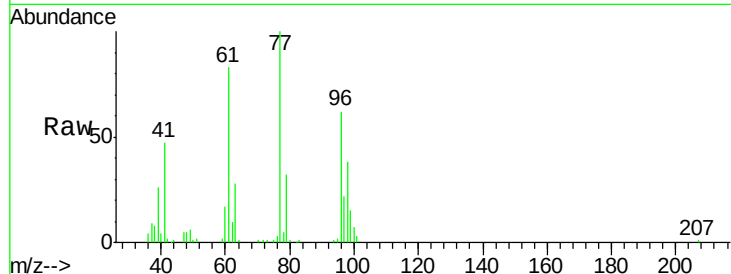
#31
 2,2-Dichloropropane
 Concen: 16.231 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion: 77 Resp: 69061
 Ion Ratio Lower Upper
 77 100
 97 24.0 19.2 28.8

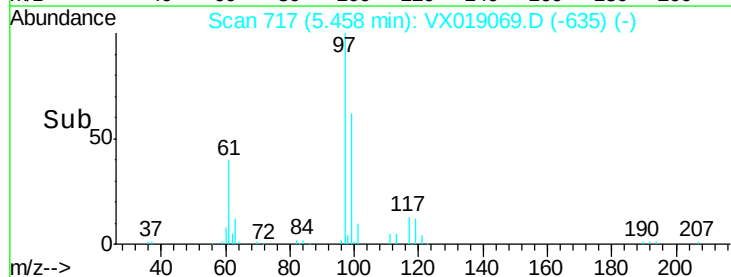
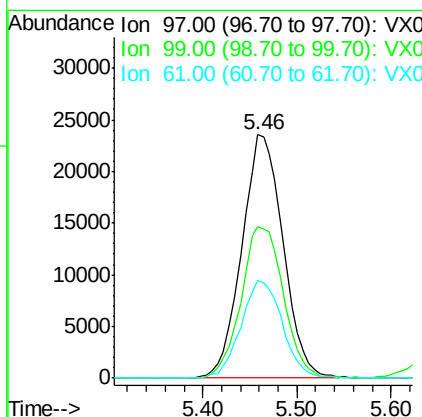
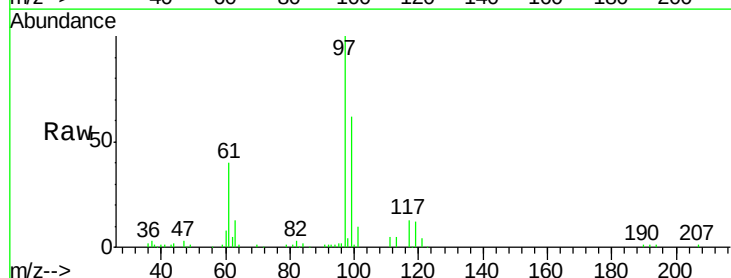
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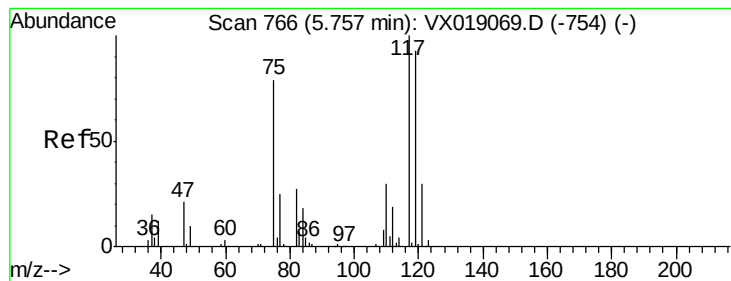
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#32
 1,1,1-Trichloroethane
 Concen: 16.422 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion: 97 Resp: 72276
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.0 76.6
 61 40.0 32.0 48.0





#33

Carbon Tetrachloride

Concen: 15.325 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

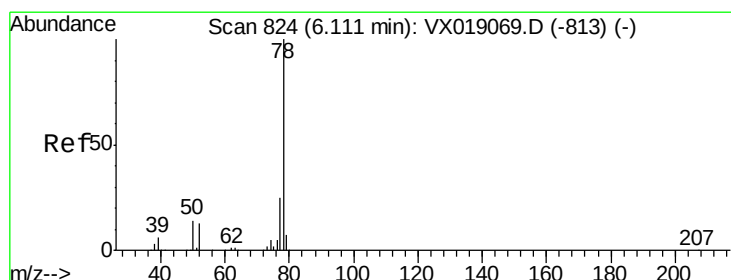
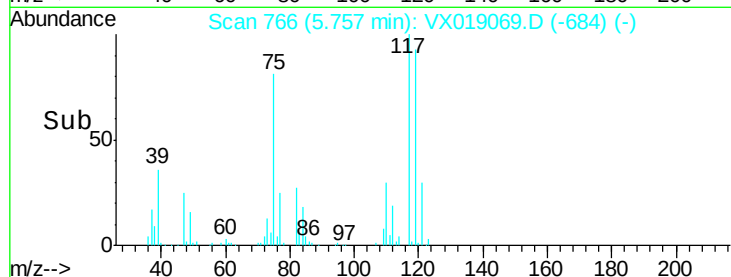
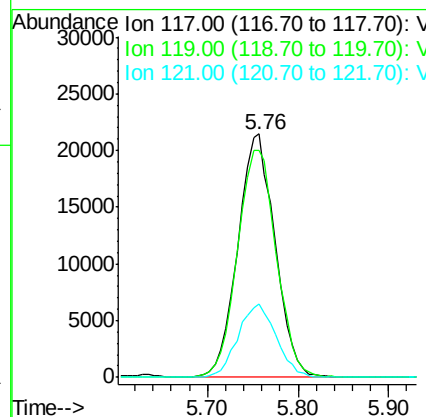
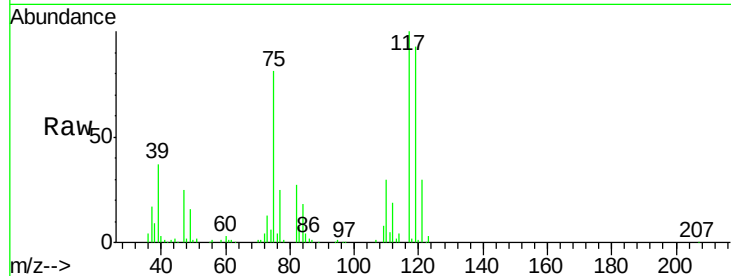
ClientSampleId :

VSTDICCC020

Tot Ion:	117	Resp:	61076
Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.5	111.7
121	30.1	24.1	36.1

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#34

Benzene

Concen: 16.440 ug/l

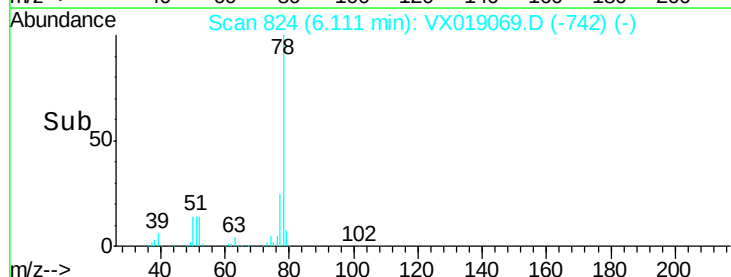
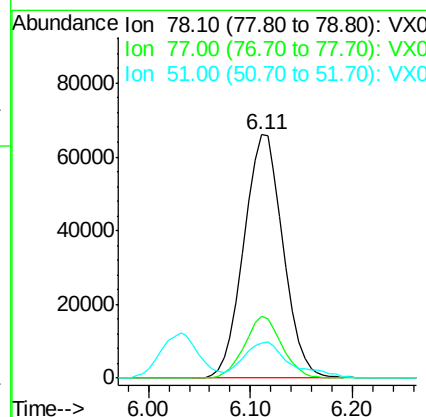
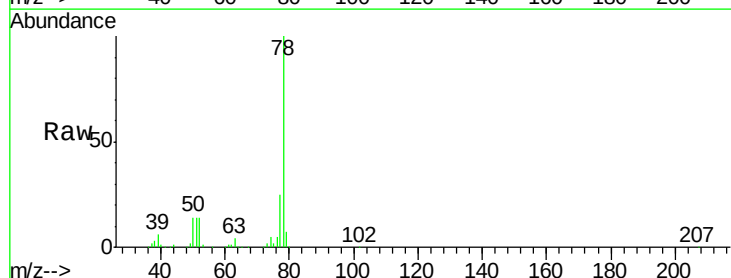
RT: 6.11 min Scan# 824

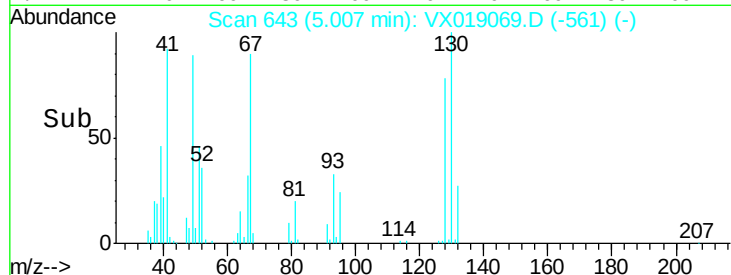
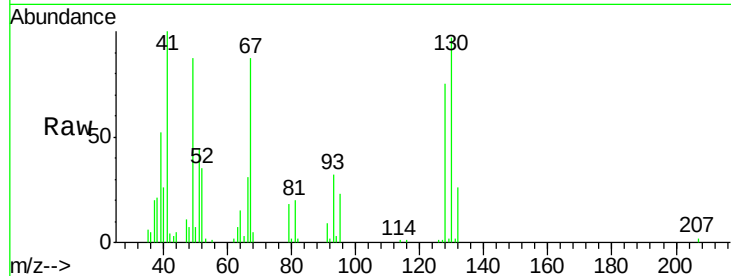
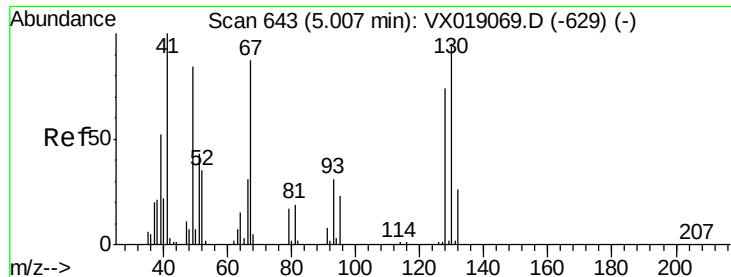
Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

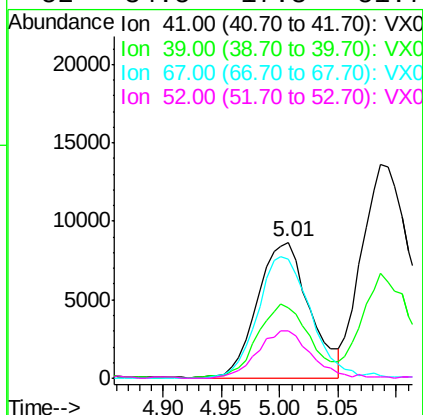
Tgt Ion:	78	Resp:	176607
Ion	Ratio	Lower	Upper
78	100		
77	25.1	20.1	30.1
51	13.7	11.0	16.4





#35
Methacrylonitrile
Concen: 14.720 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

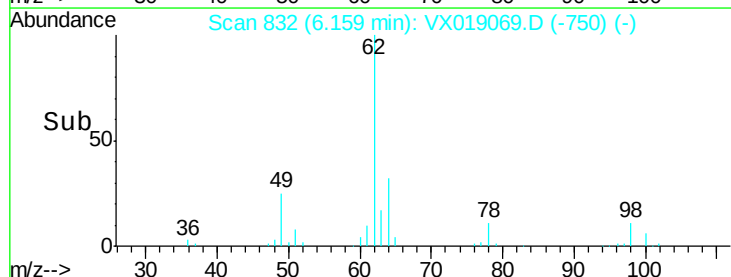
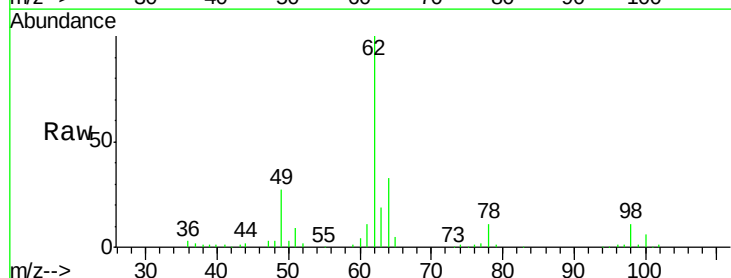
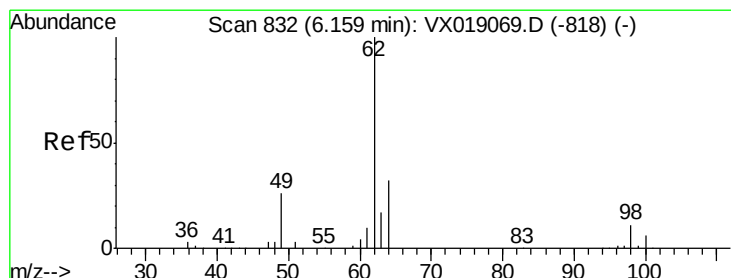
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.6	25.8	77.4	
67	87.2	43.6	130.8	
52	34.5	17.3	51.7	



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

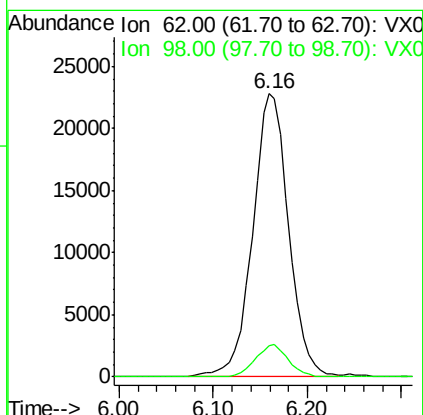
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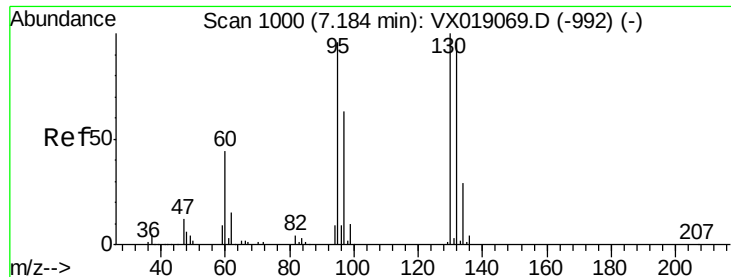
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#36
1,2-Dichloroethane
Concen: 17.136 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	8.4	12.6	





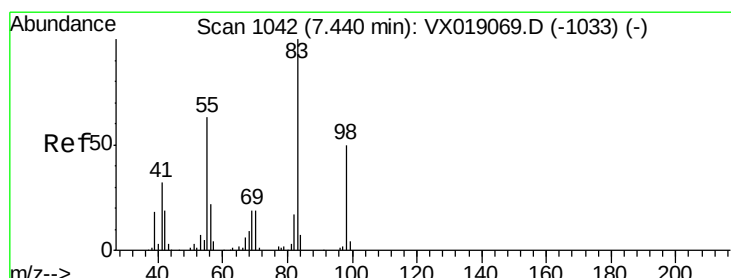
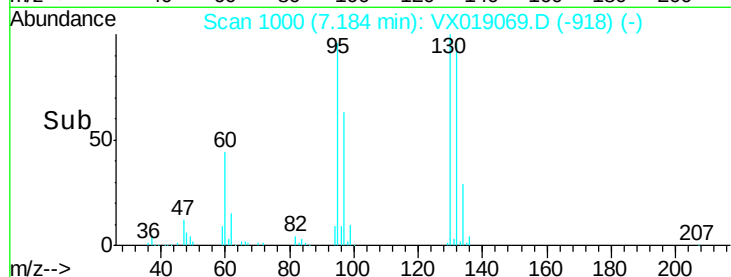
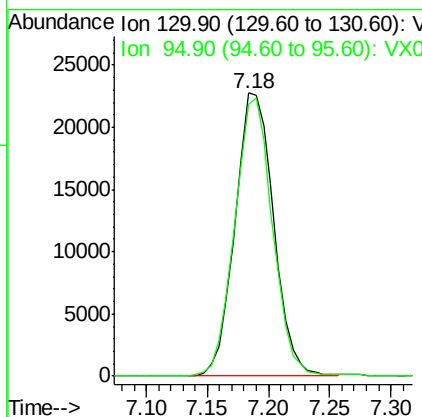
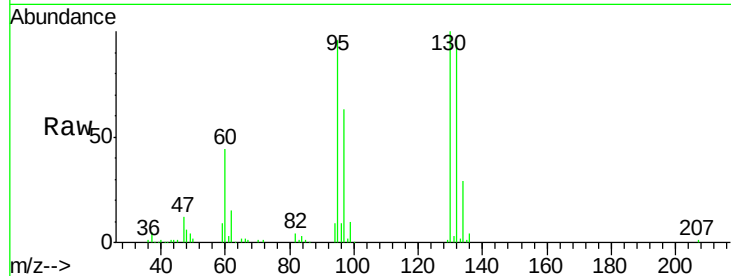
#37
 Trichloroethene
 Concen: 15.913 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:130 Resp: 49832
 Ion Ratio Lower Upper
 130 100
 95 96.0 76.8 115.2

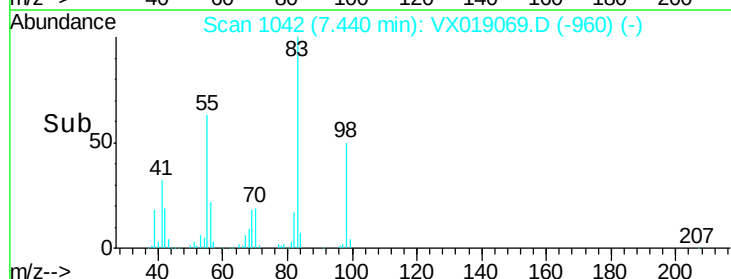
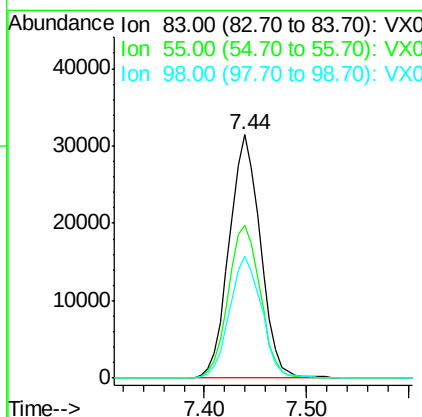
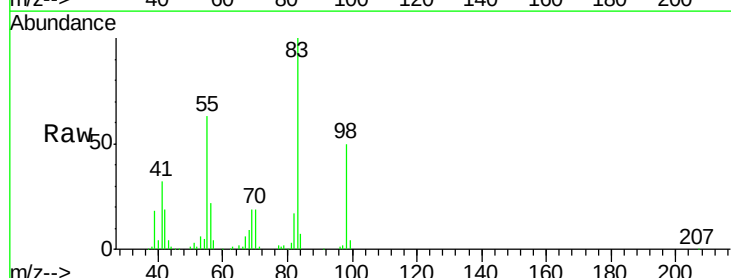
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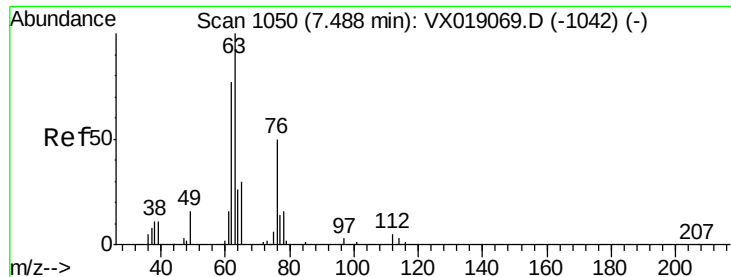
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#38
 Methylcyclohexane
 Concen: 16.172 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion: 83 Resp: 66634
 Ion Ratio Lower Upper
 83 100
 55 64.5 32.3 96.8
 98 51.4 25.7 77.1





#39

1,2-Dichloropropane

Concen: 15.411 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 63 Resp: 40050

Ion Ratio Lower Upper

63 100

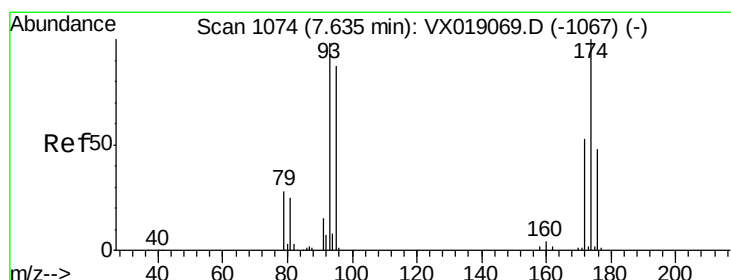
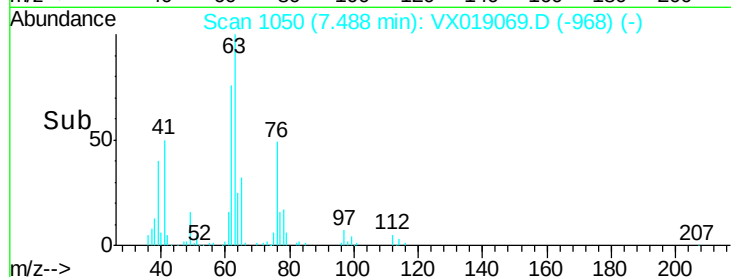
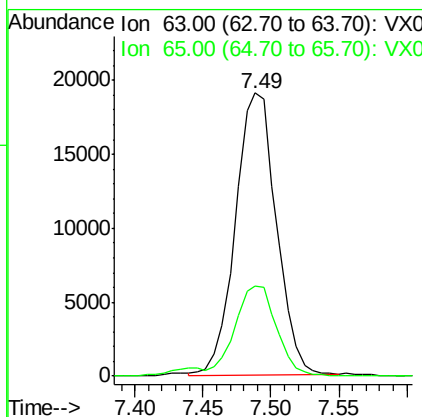
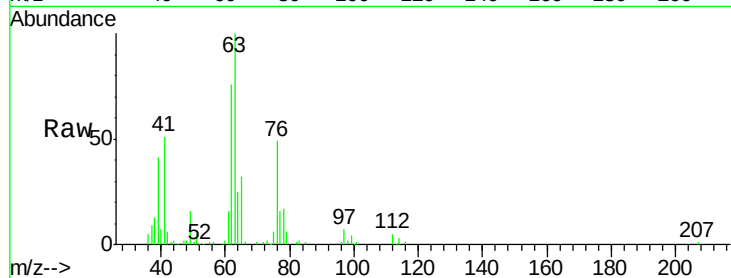
65 32.3 25.8 38.8

Manual Integrations

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#40

Dibromomethane

Concen: 16.280 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

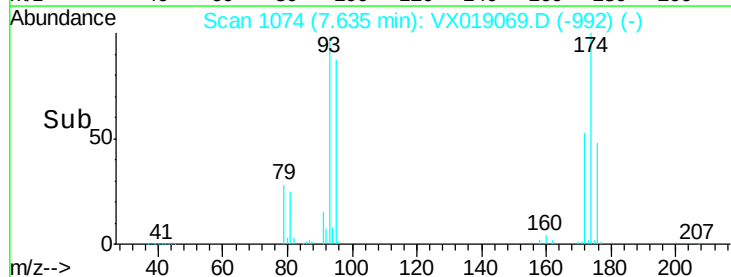
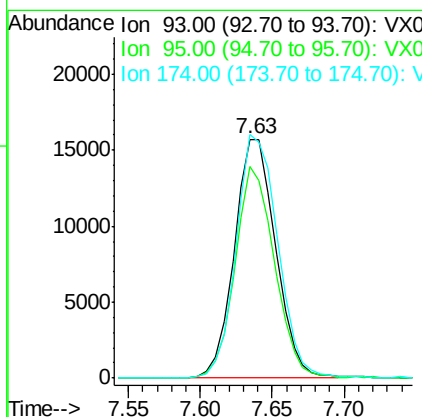
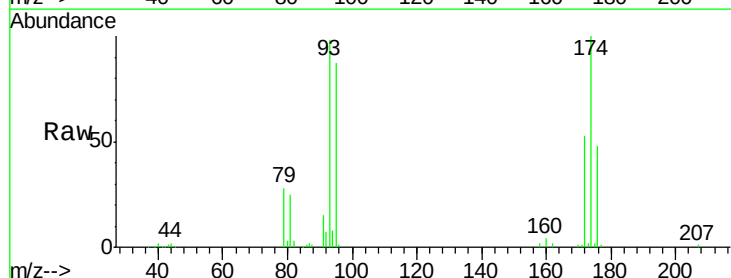
Tgt Ion: 93 Resp: 31335

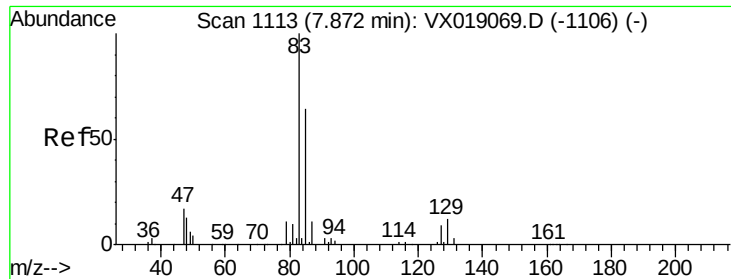
Ion Ratio Lower Upper

93 100

95 84.5 0.0 169.0

174 102.7 0.0 205.4





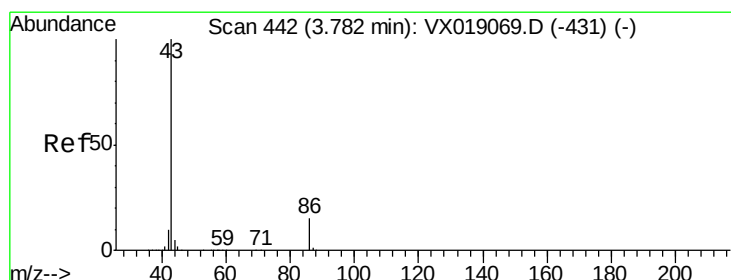
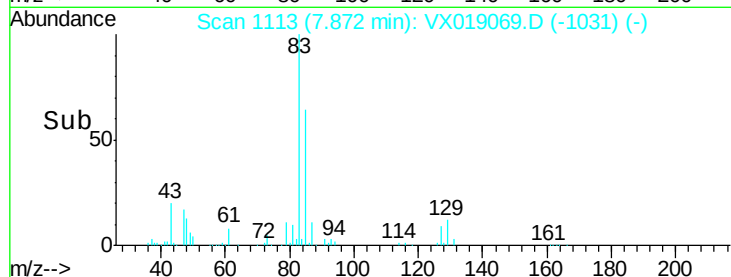
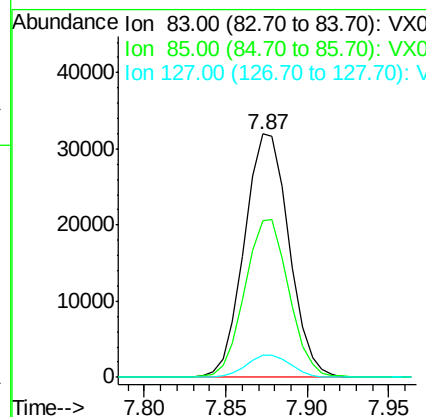
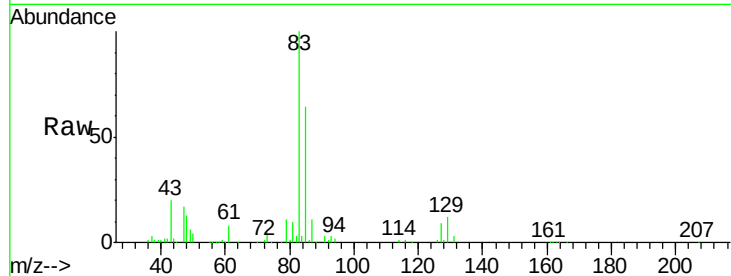
#41
Bromodichloromethane
Concen: 15.666 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	83	Resp	60966
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	8.9	7.1	10.7

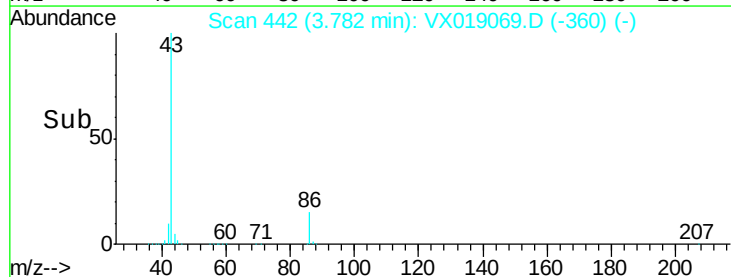
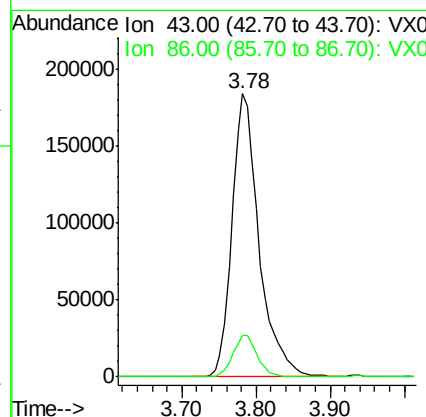
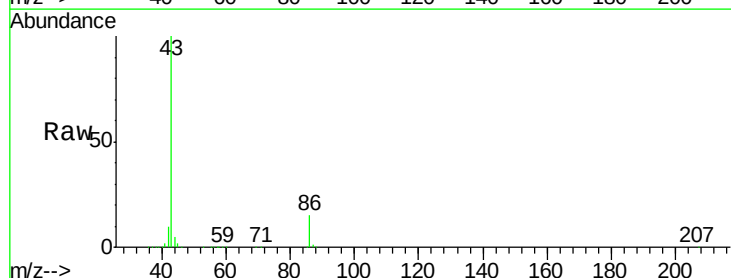
Manual Integrations
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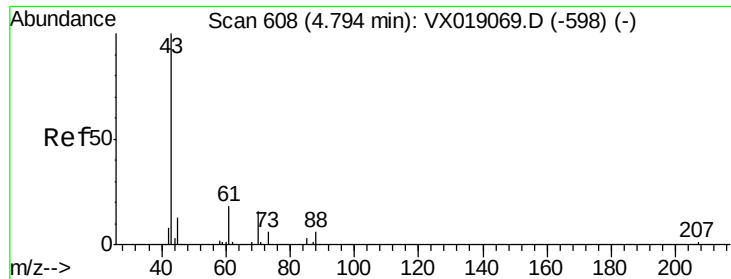
MMDadoda
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#42
Vinyl Acetate
Concen: 73.822 ug/l
RT: 3.78 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	43	Resp	468931
Ion Ratio	100	Lower	Upper
43	100		
86	13.2	10.6	15.8





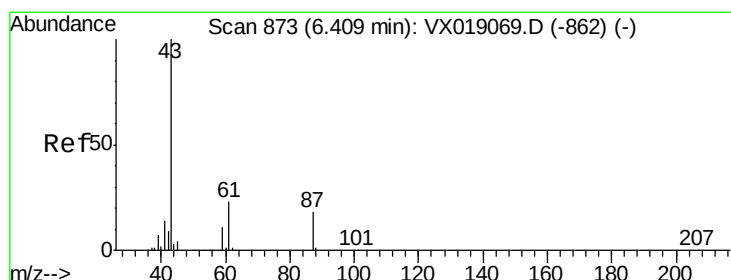
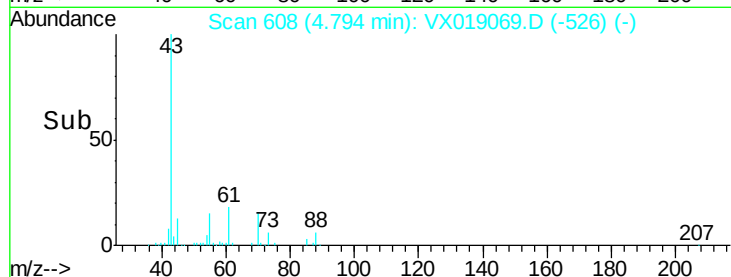
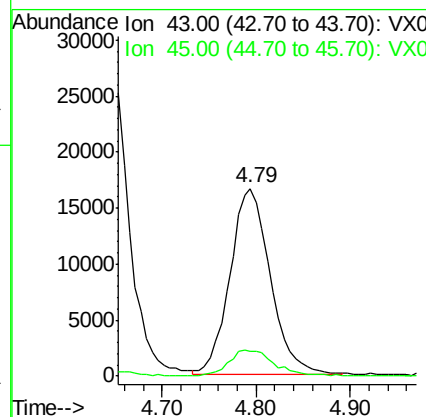
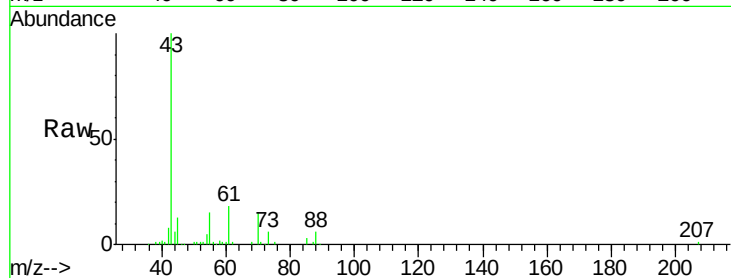
#43
Ethyl Acetate
Concen: 13.578 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 49464
Ion Ratio Lower Upper
43 100
45 15.9 12.7 19.1

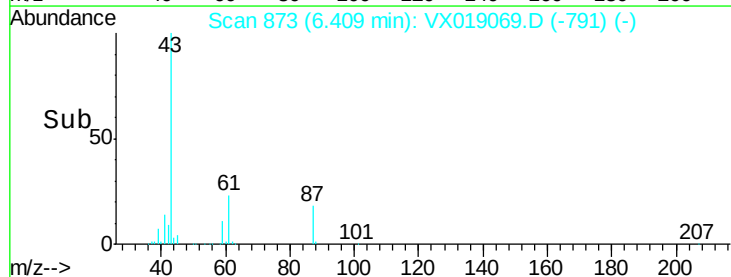
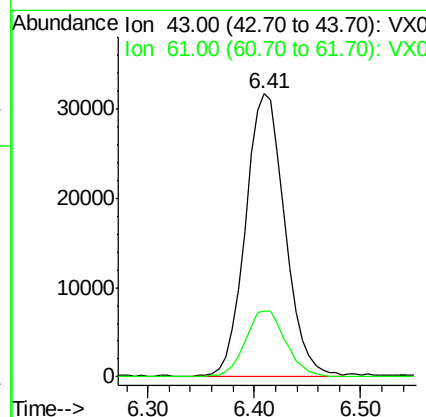
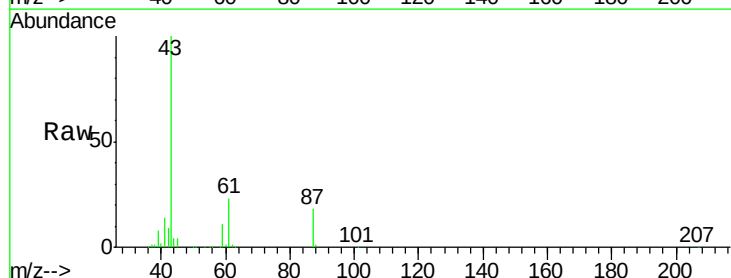
Manual Integrations
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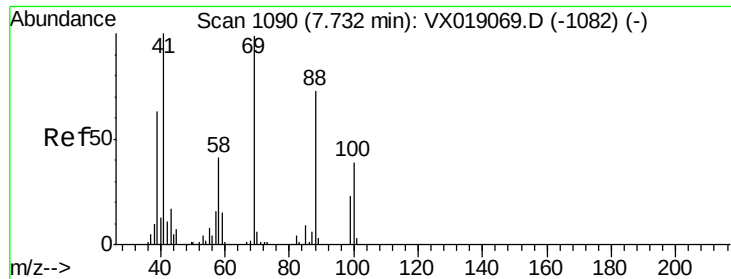
MMDadoda
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#44
Isopropyl Acetate
Concen: 14.040 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion: 43 Resp: 82195
Ion Ratio Lower Upper
43 100
61 23.9 19.1 28.7





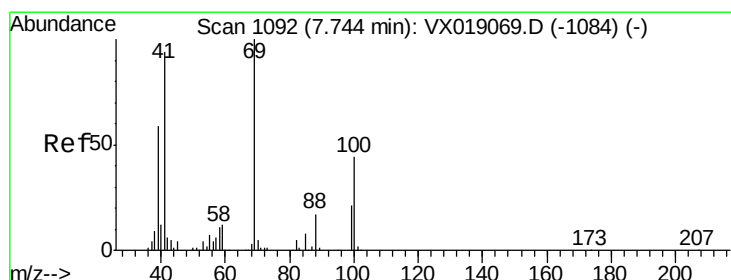
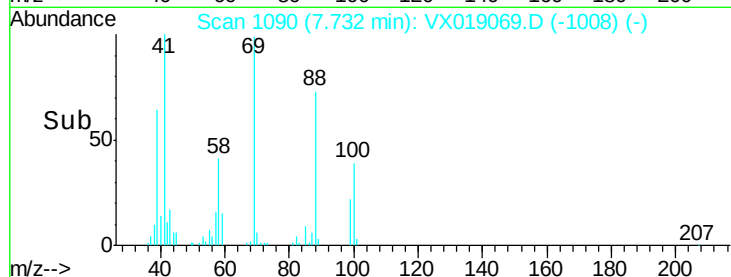
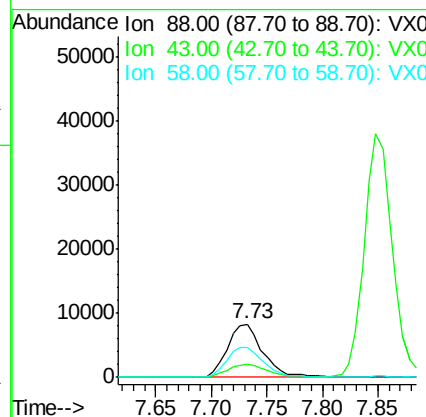
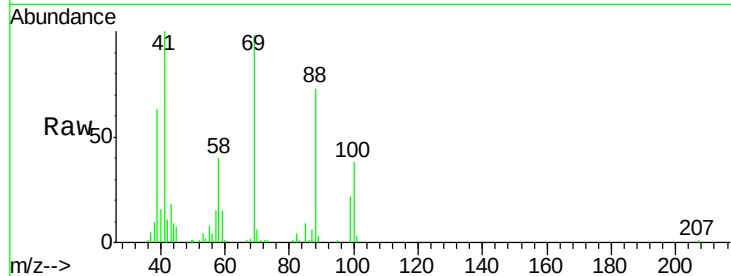
#45
 1,4-Dioxane
 Concen: 291.896 ug/l
 RT: 7.73 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.6	20.5	30.7
58	59.3	47.4	71.2

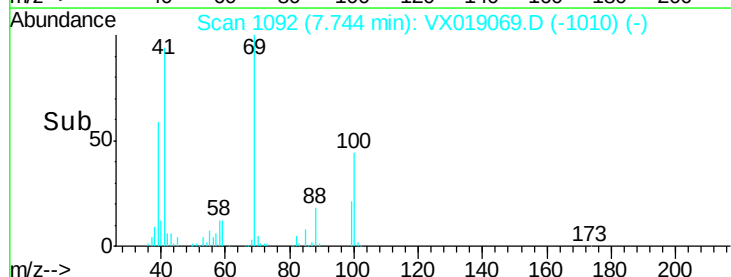
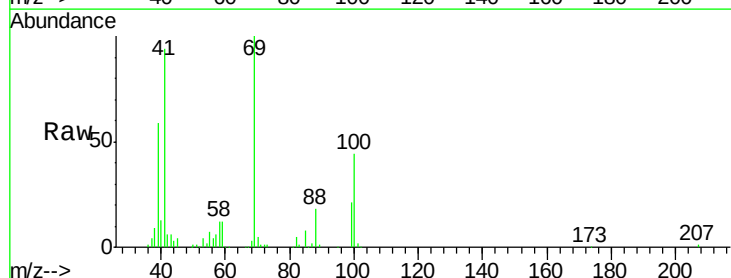
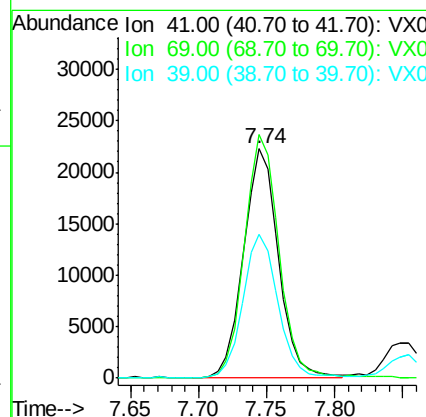
Manual Integrations
 APPROVED

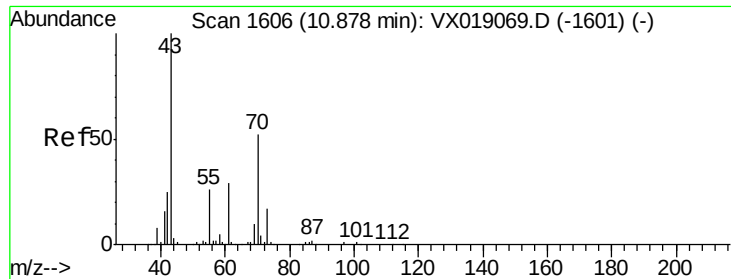
MMDadoda
 10/26/2020 11:17:24 AM



#46
 Methyl methacrylate
 Concen: 14.713 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
41	100		
69	106.3	53.1	159.4
39	62.6	31.3	93.9





#47

n-amvl Acetate

Concen: 13.641 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 43 Resp: 65551

Ion Ratio Lower Upper

43 100

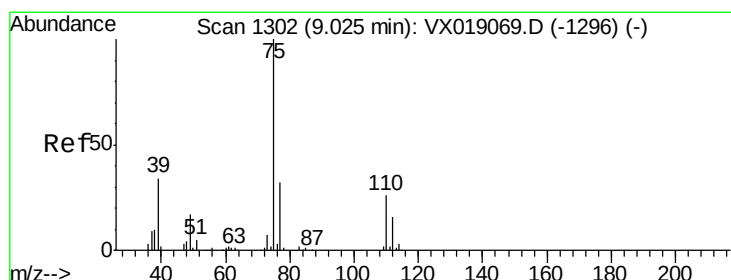
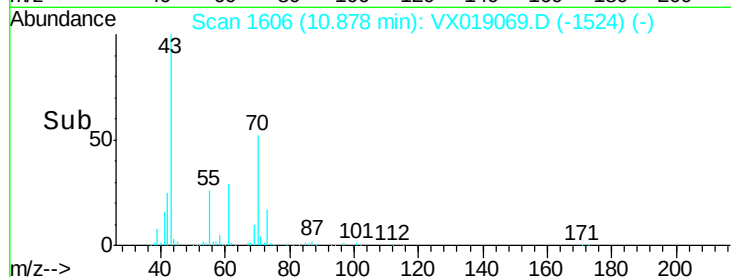
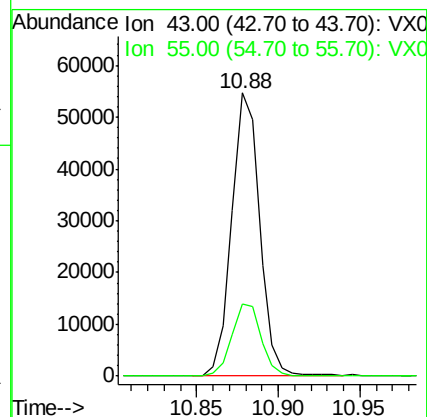
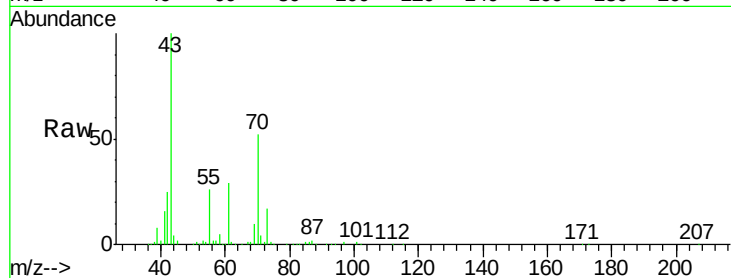
55 26.9 21.5 32.3

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 15.405 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019069.D

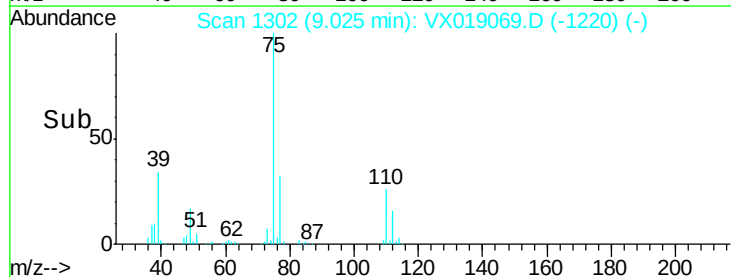
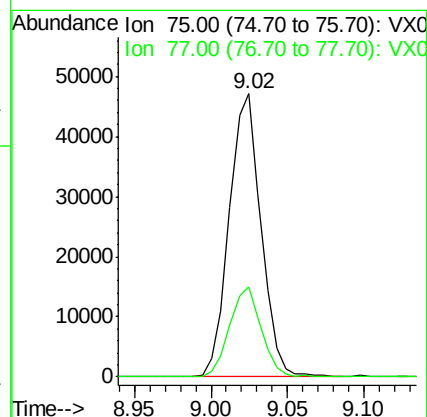
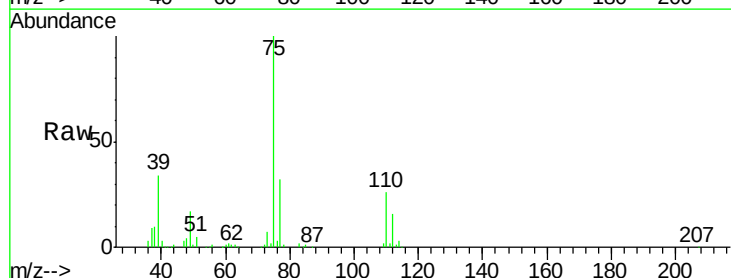
Acq: 23 Oct 2020 10:16

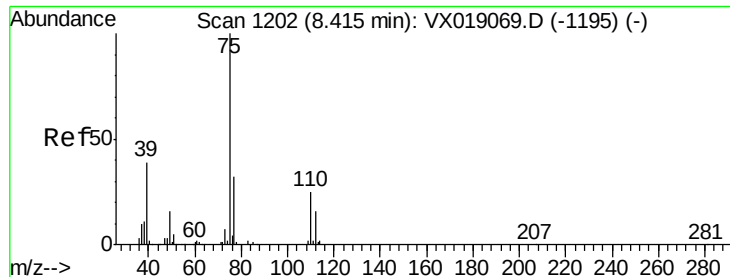
Tgt Ion: 75 Resp: 68073

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 15.539 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

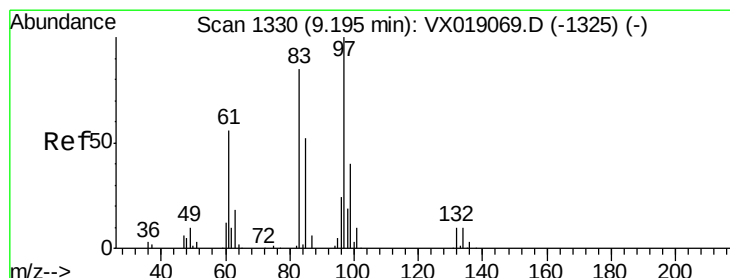
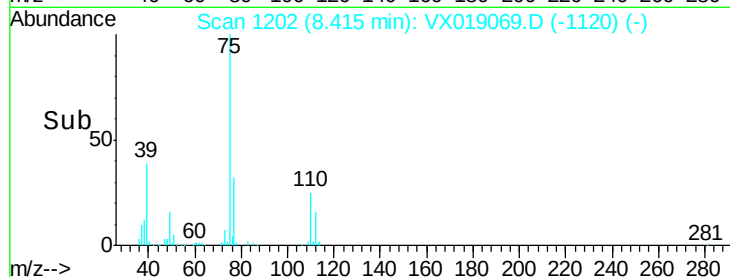
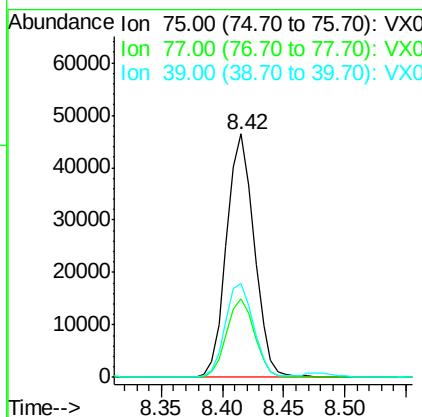
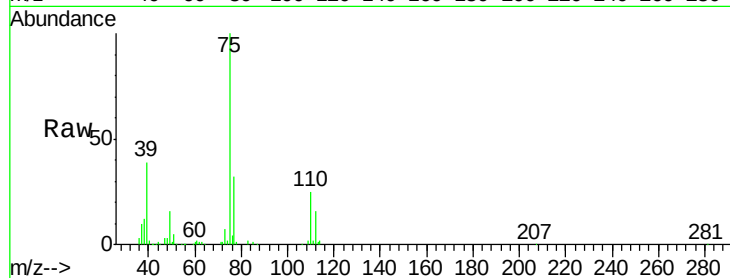
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	73047
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	38.8	31.0	46.6

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 16.345 ug/l

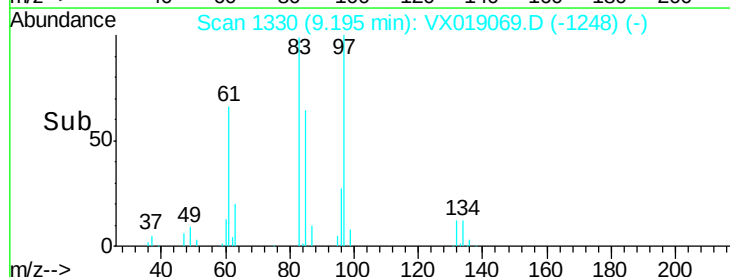
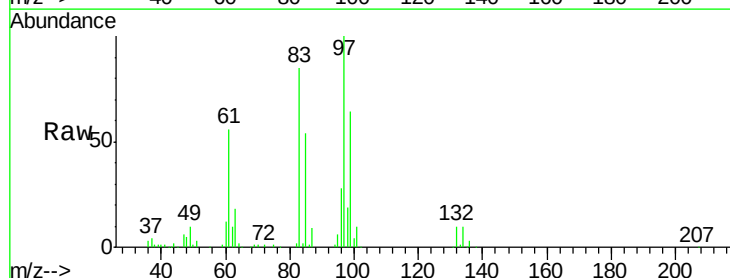
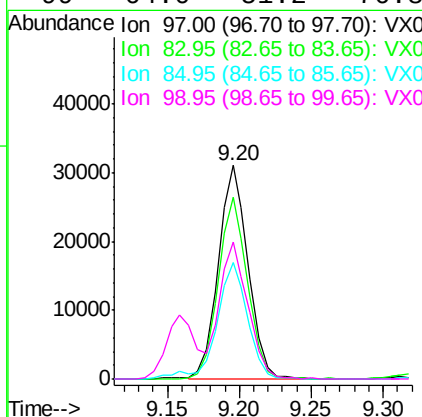
RT: 9.20 min Scan# 1330

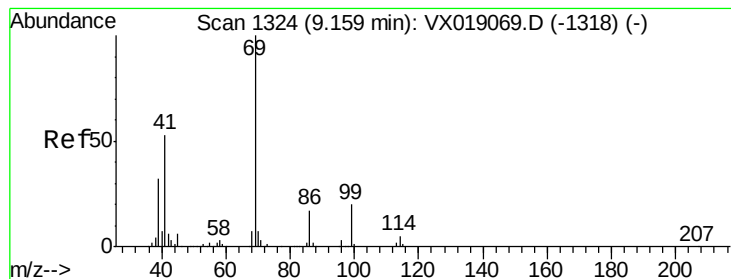
Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Tgt Ion:	97	Resp:	44841
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.8	101.6
85	54.4	43.5	65.3
99	64.0	51.2	76.8





#51

Ethyl methacrylate

Concen: 15.184 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

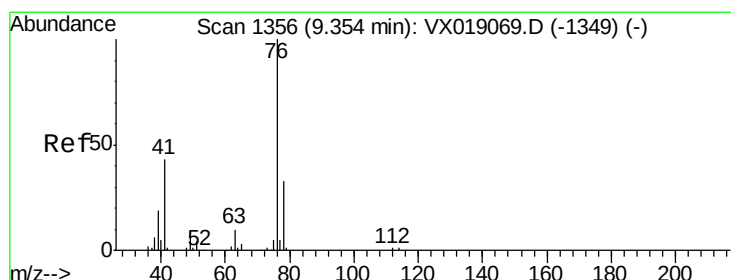
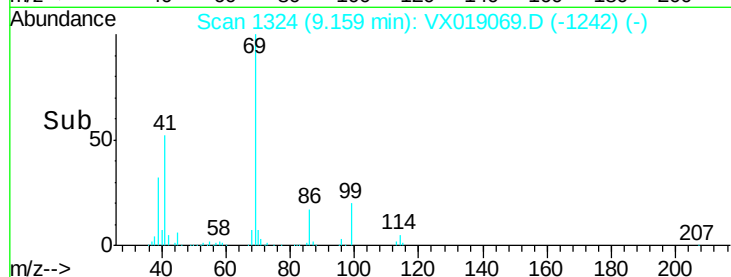
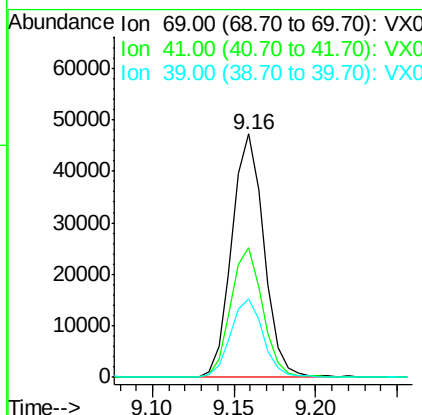
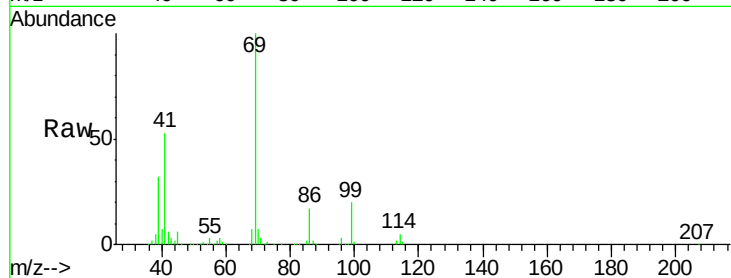
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	64995
Ion	Ratio	Lower	Upper
69	100		
41	52.9	26.5	79.4
39	32.4	16.2	48.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 16.388 ug/l

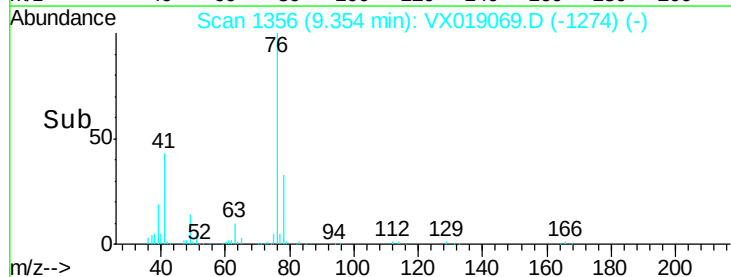
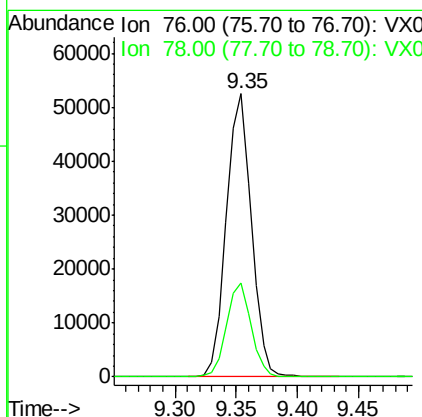
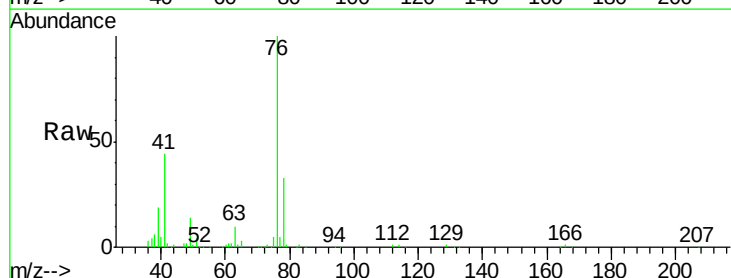
RT: 9.35 min Scan# 1356

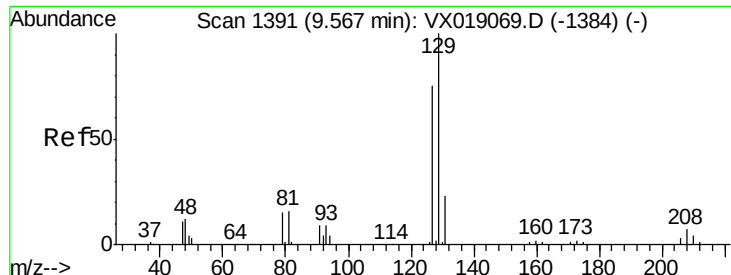
Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Tgt Ion:	76	Resp:	74398
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	65.2





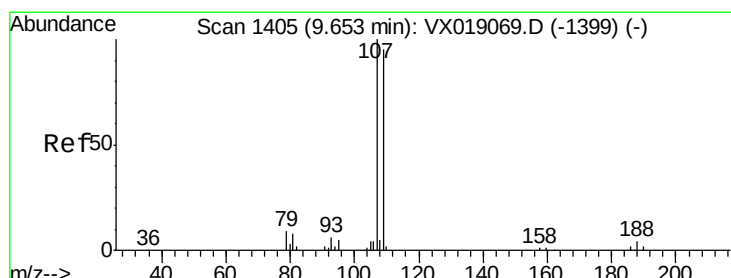
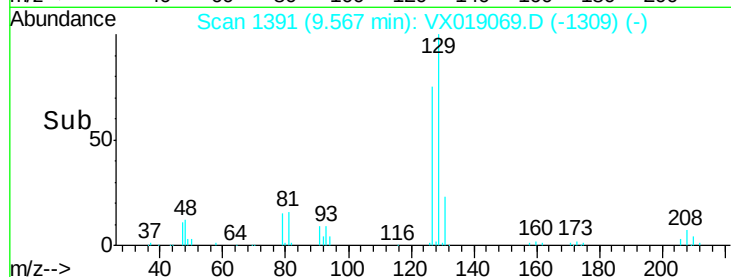
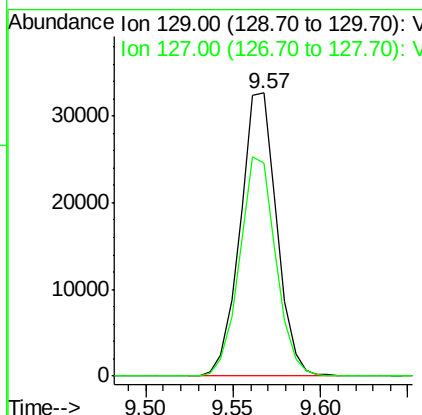
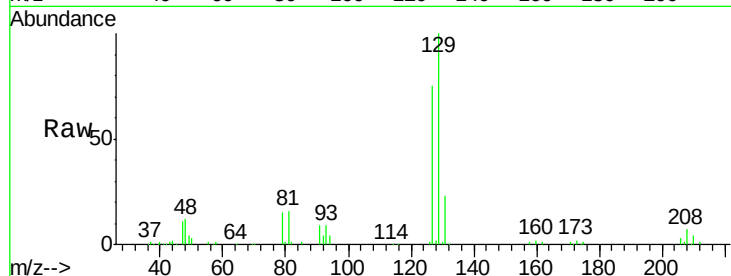
#53
Dibromochloromethane
Concen: 14.800 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:129 Resp: 47364
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1

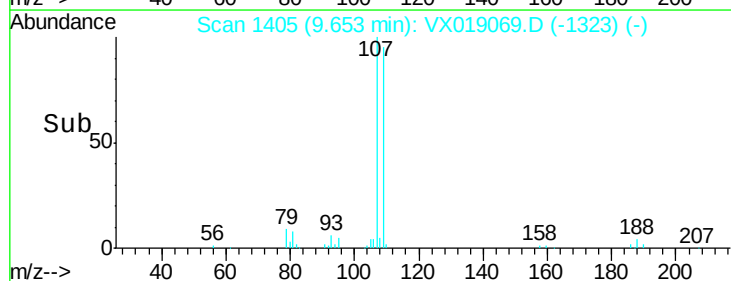
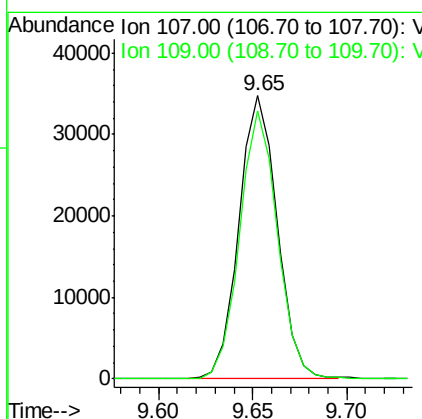
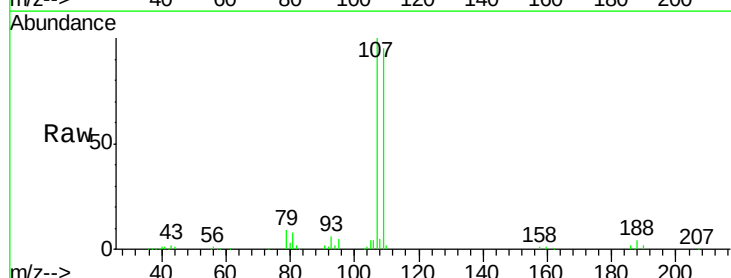
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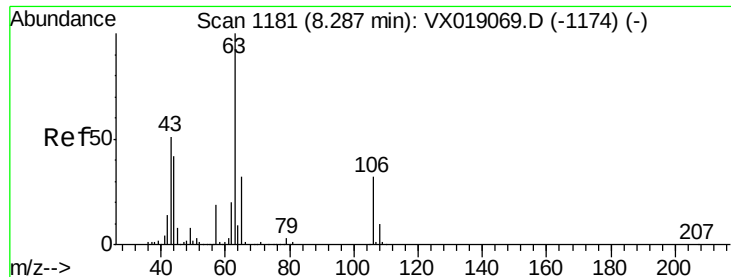
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#54
1,2-Dibromoethane
Concen: 16.238 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion:107 Resp: 48975
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0





#55

2-Chloroethyl vinyl ether

Concen: 86.651 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 63 Resp: 200486

Ion Ratio Lower Upper

63 100

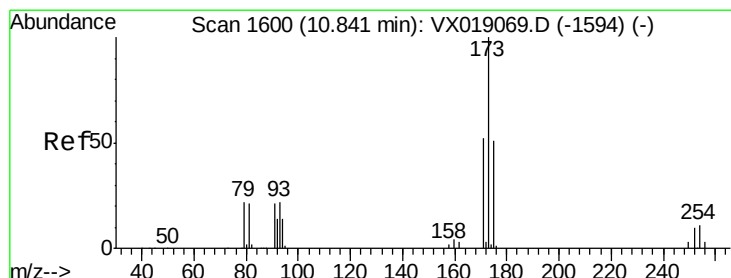
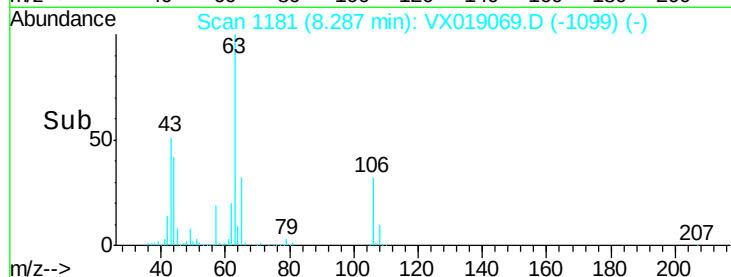
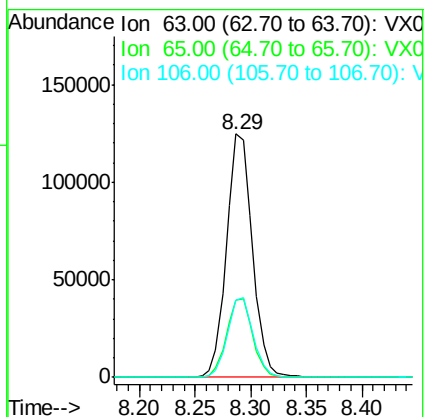
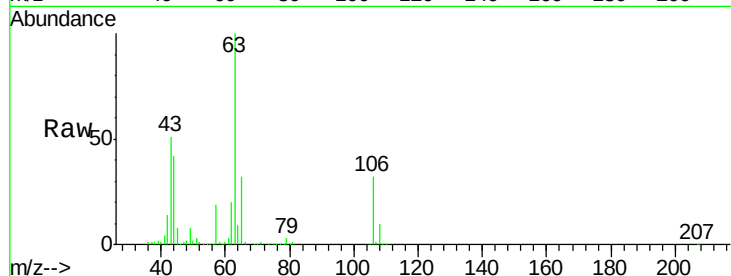
65 32.5 26.0 39.0

106 32.4 25.9 38.9

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#56

Bromoform

Concen: 13.231 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

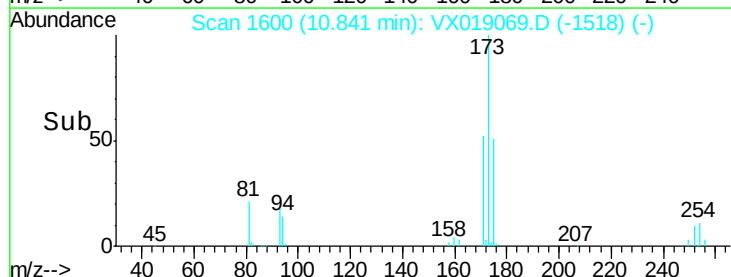
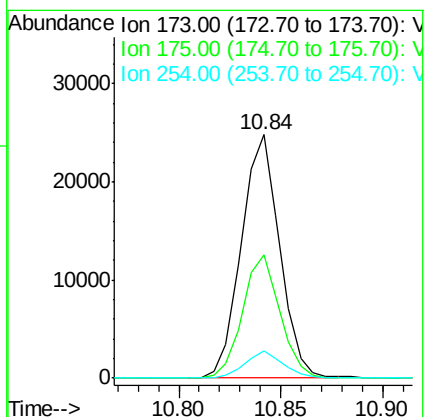
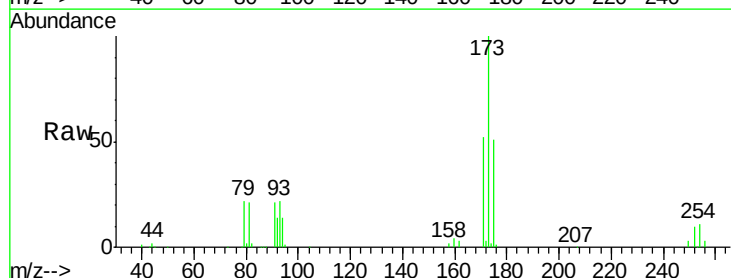
Tgt Ion:173 Resp: 32390

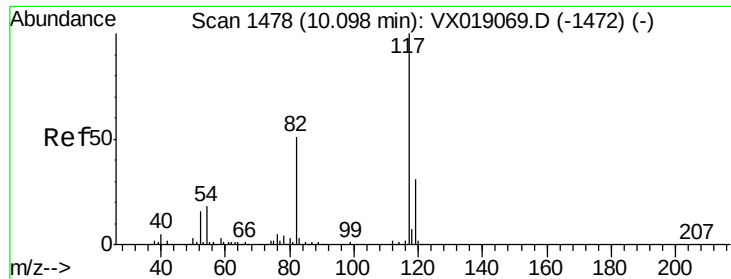
Ion Ratio Lower Upper

173 100

175 49.5 39.6 59.4

254 10.8 8.6 13.0





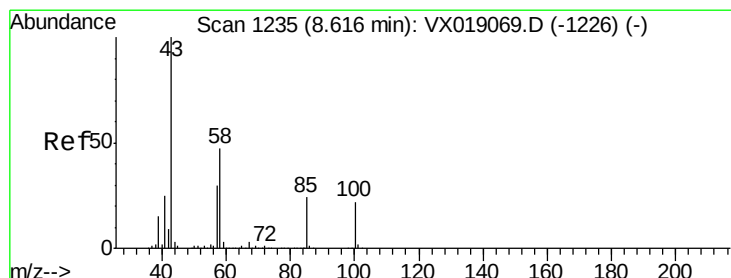
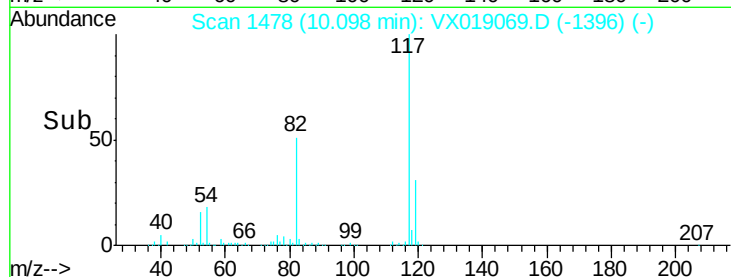
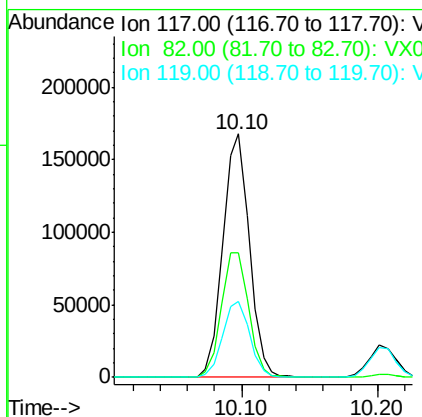
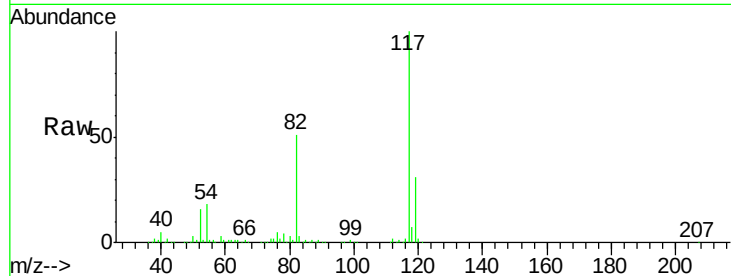
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	226671		
82	53.1		42.5	63.7
119	32.0		25.6	38.4

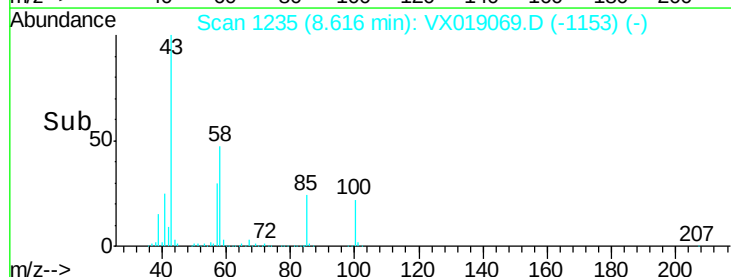
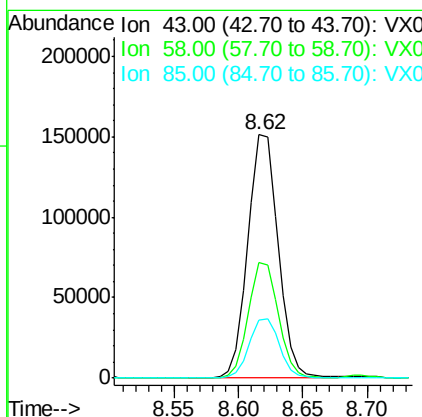
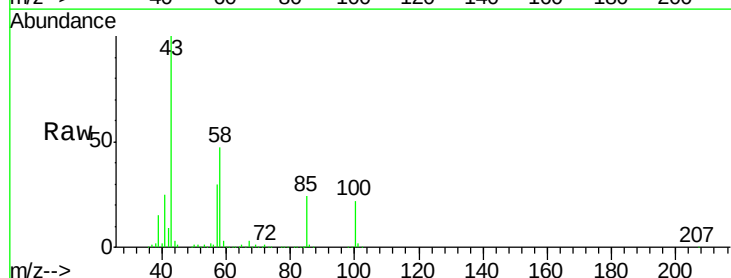
Manual Integrations
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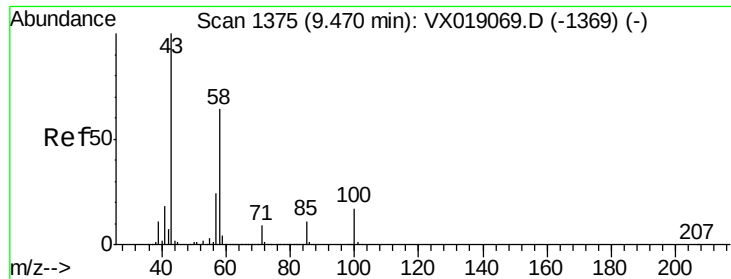
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#58
4-Methyl-2-Pentanone
Concen: 70.525 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	245346		
58	47.0		37.6	56.4
85	24.3		19.4	29.2





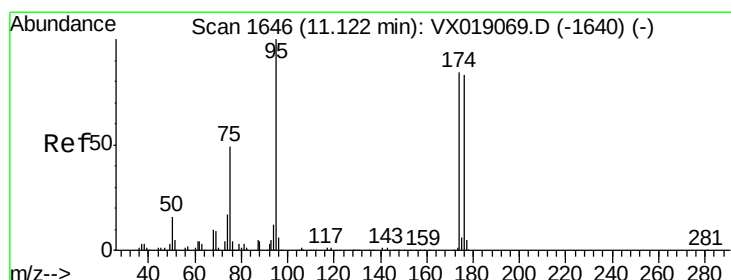
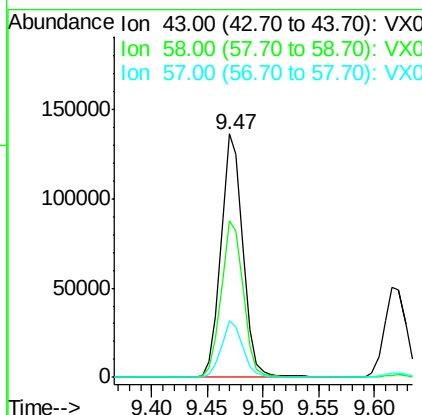
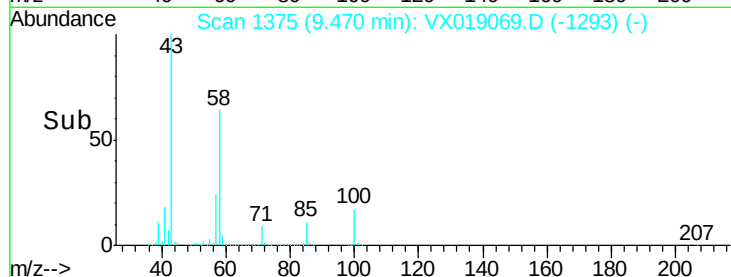
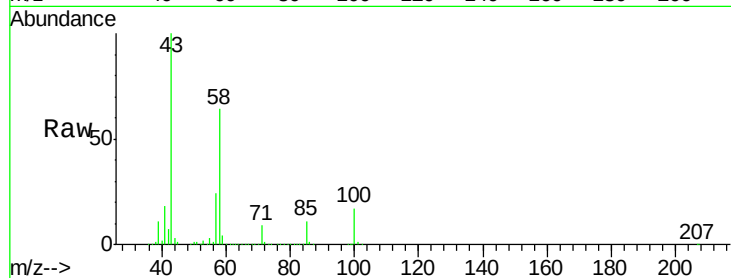
#59
2-Hexanone
Concen: 69.991 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	64.9	51.9	77.9
57	22.8	18.2	27.4

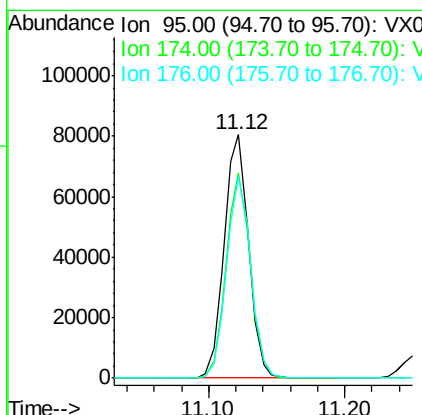
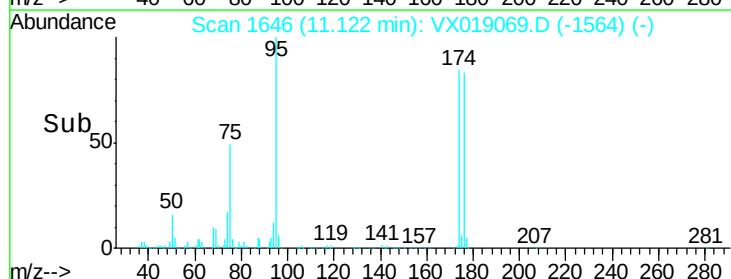
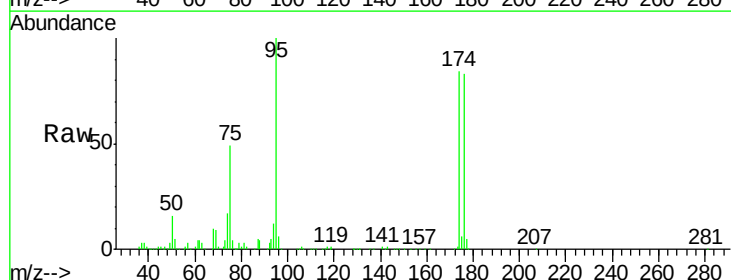
Manual Integrations
APPROVED

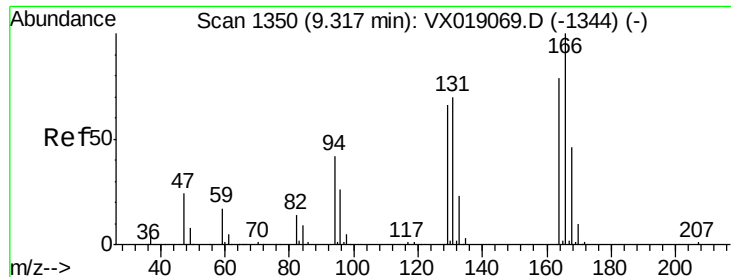
MMDadoda
10/26/2020 11:17:24 AM



#60
4-Bromofluorobenzene
Concen: 28.726 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.9	66.3	99.5
176	81.9	65.5	98.3





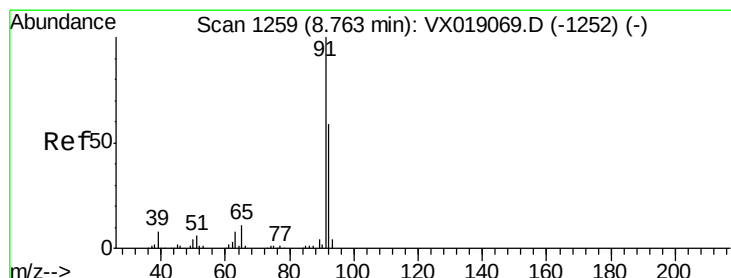
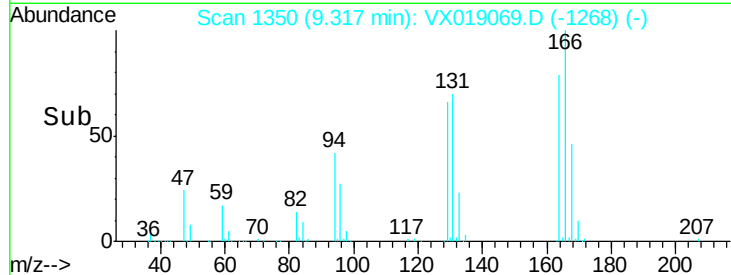
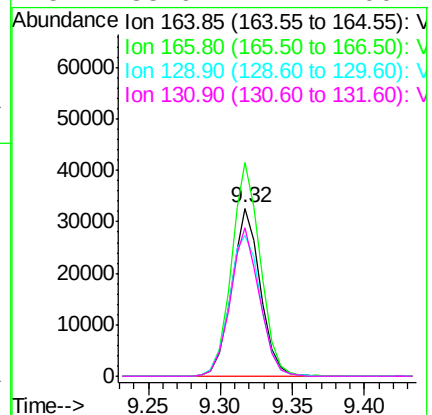
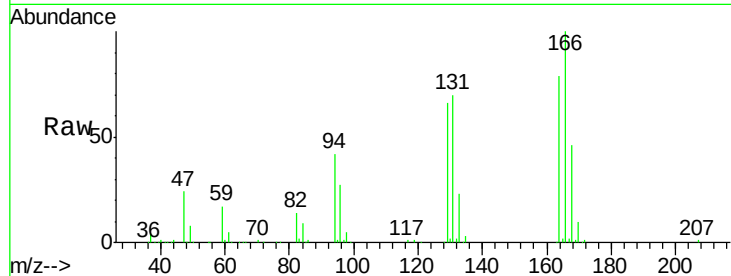
#61
Tetrachloroethene
Concen: 16.596 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.9	152.9
129	83.8	67.0	100.6
131	88.9	71.1	106.7

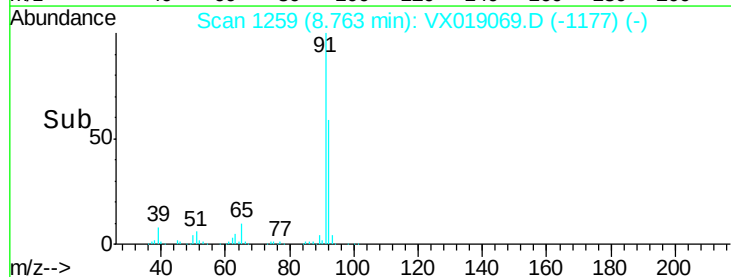
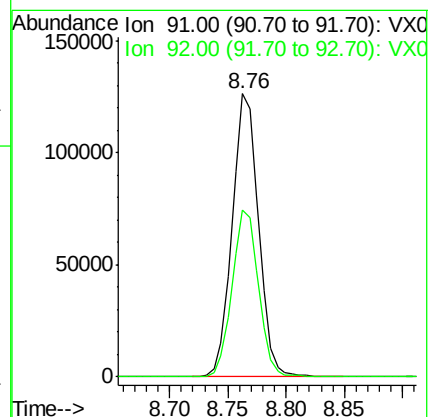
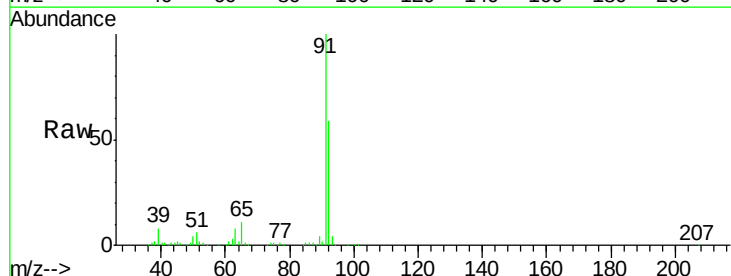
Manual Integrations
APPROVED

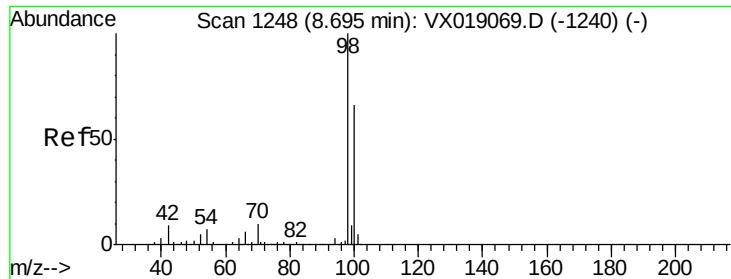
MMDadoda
10/26/2020 11:17:24 AM



#62
Toluene
Concen: 16.606 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.3	70.9





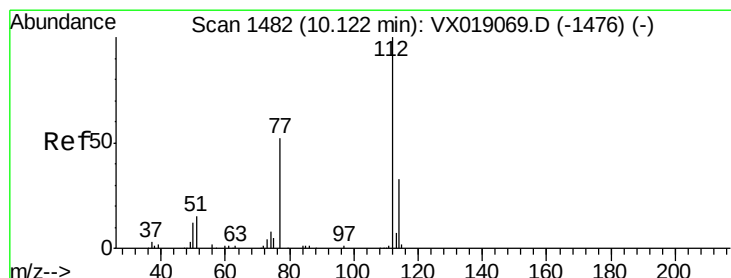
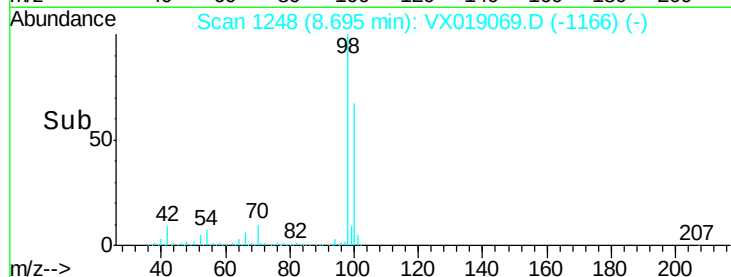
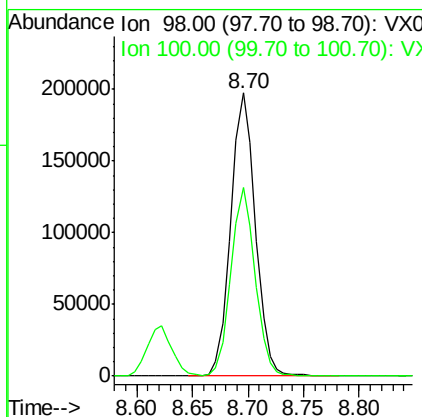
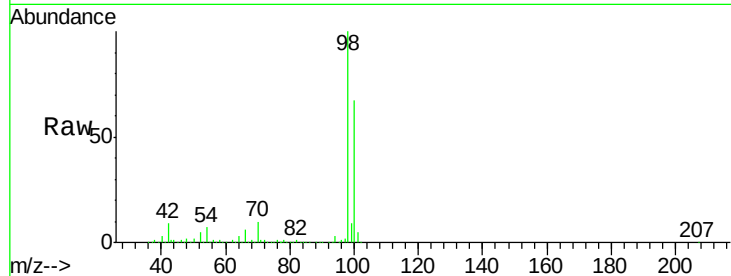
#63
Toluene-d8
Concen: 30.303 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 98 Resp: 303169
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

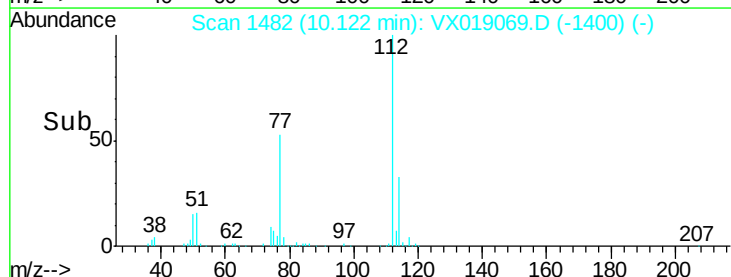
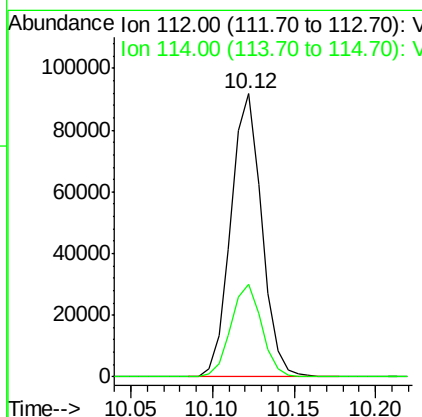
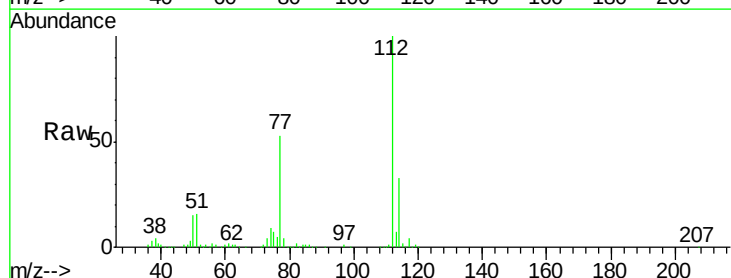
Manual Integrations
APPROVED

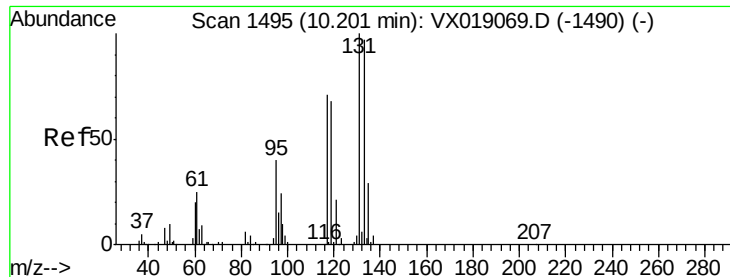
MMDadoda
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#64
Chlorobenzene
Concen: 16.107 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion: 112 Resp: 121433
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 15.107 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

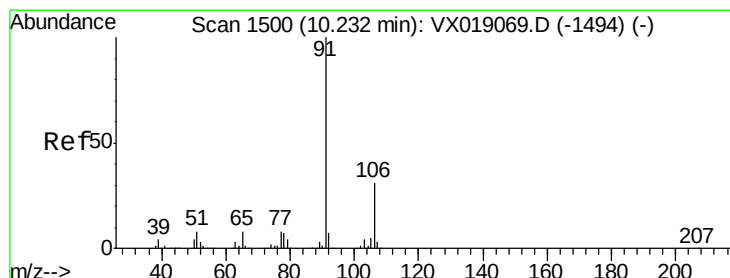
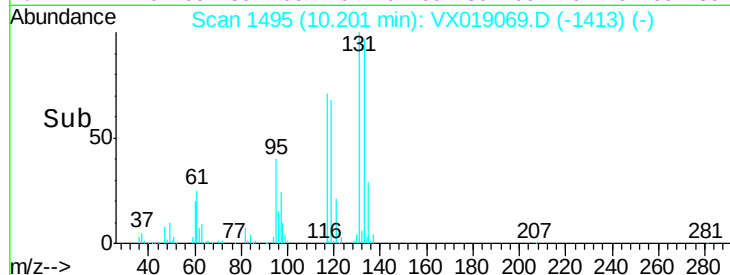
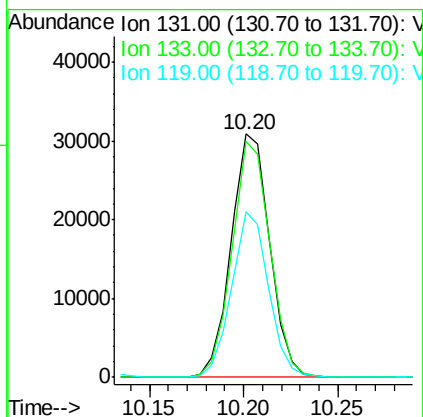
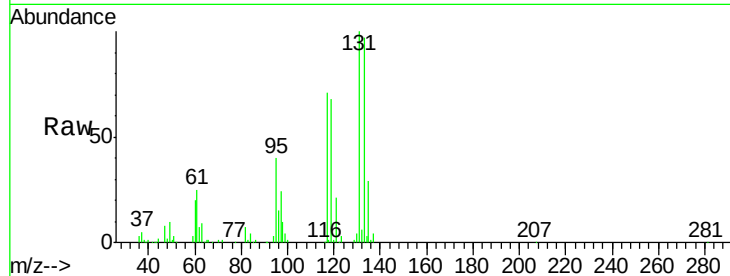
ClientSampleId :

VSTDICCC020

Tot Ion:	131	Resp:	43787
Ion	Ratio	Lower	Upper
131	100		
133	95.8	0.0	191.6
119	65.0	0.0	130.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 16.456 ug/l

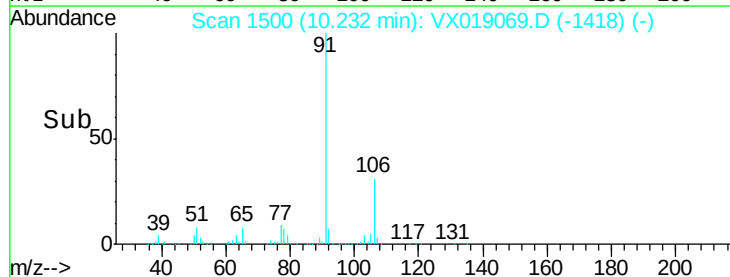
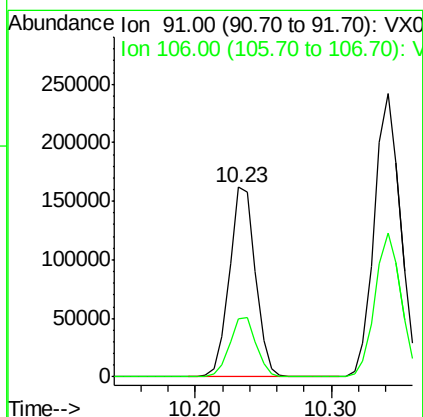
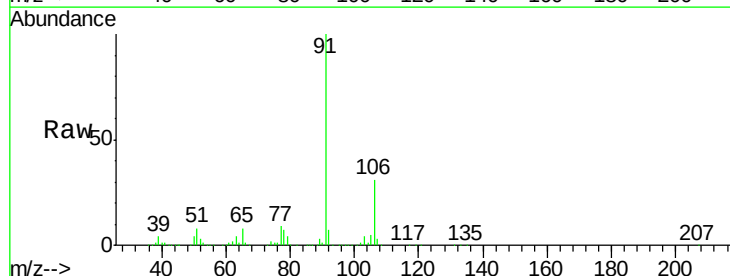
RT: 10.23 min Scan# 1500

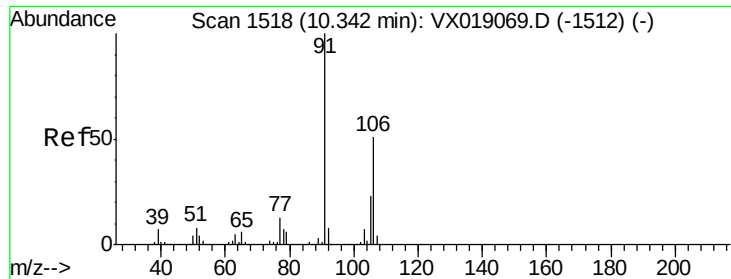
Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Tgt Ion:	91	Resp:	216962
Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.7	37.1





#67

m/p-Xylenes

Concen: 31.875 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:106 Resp: 164054

Ion Ratio Lower Upper

106 100

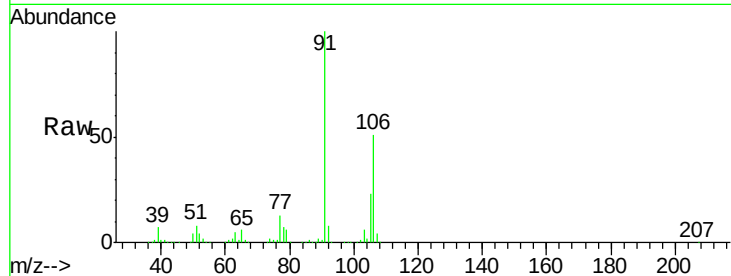
91 196.9 157.5 236.3

Manual Integrations

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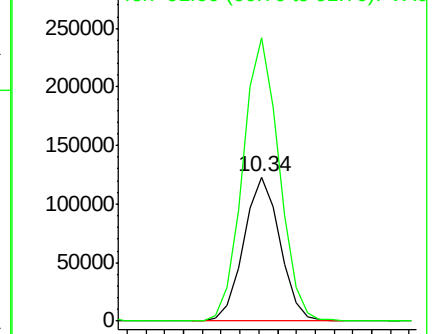
MMDadoda

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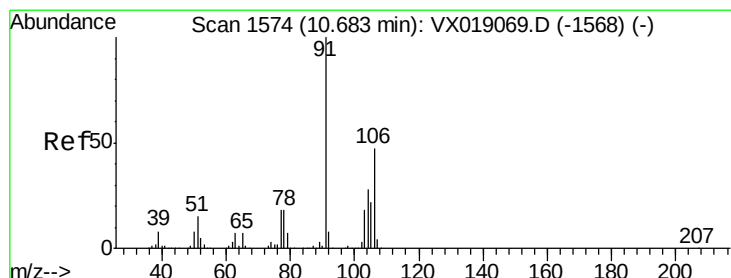
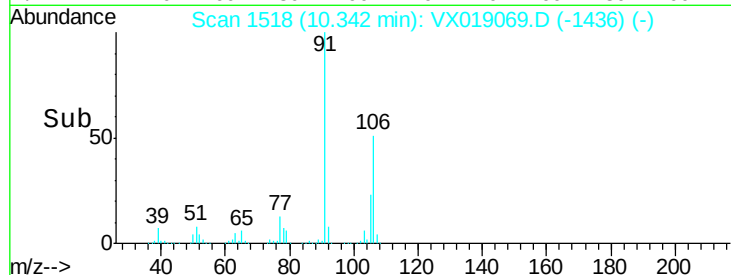


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#68

o-Xylene

Concen: 15.816 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019069.D

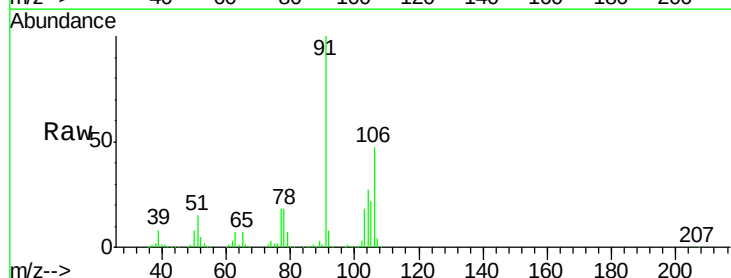
Acq: 23 Oct 2020 10:16

Tgt Ion:106 Resp: 76826

Ion Ratio Lower Upper

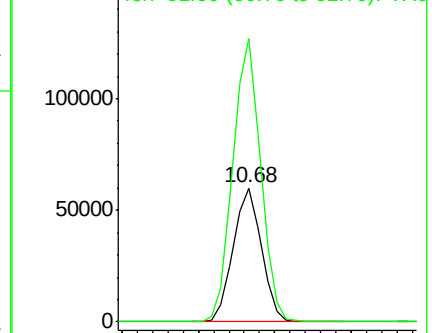
106 100

91 207.6 103.8 311.4

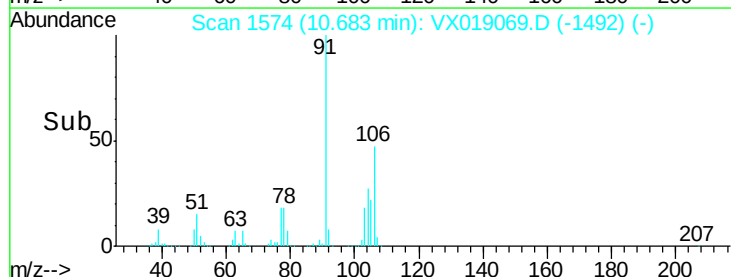


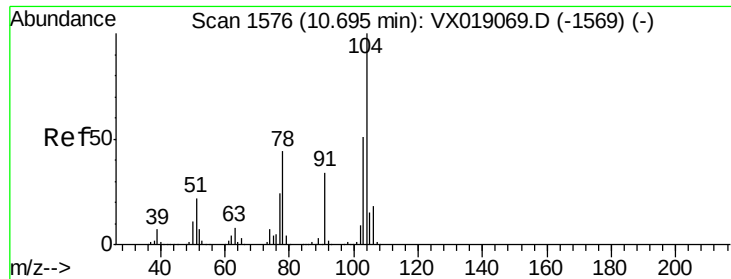
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





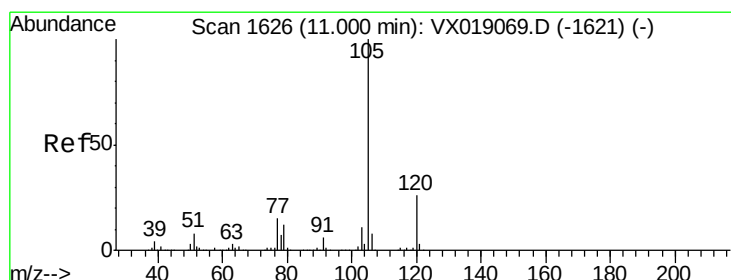
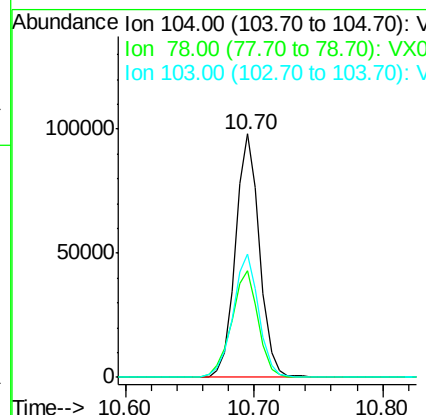
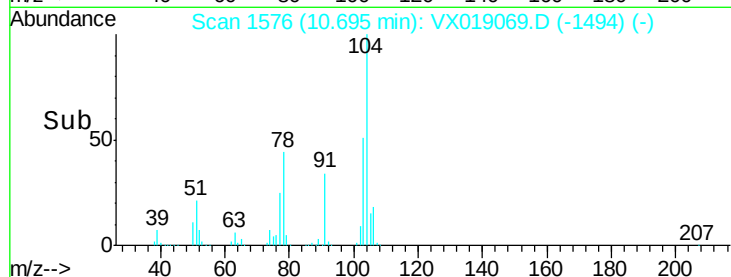
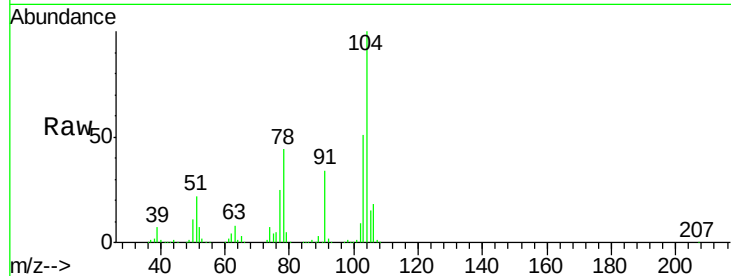
#69
Stvrene
Concen: 15.363 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.6	58.0
103	54.3	43.4	65.2

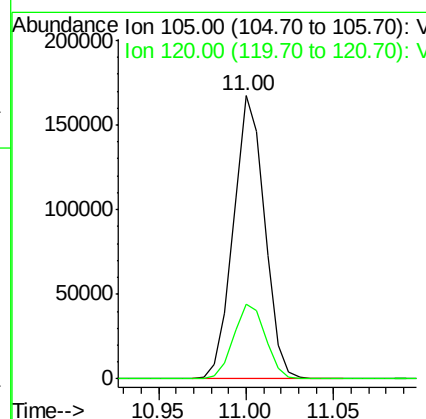
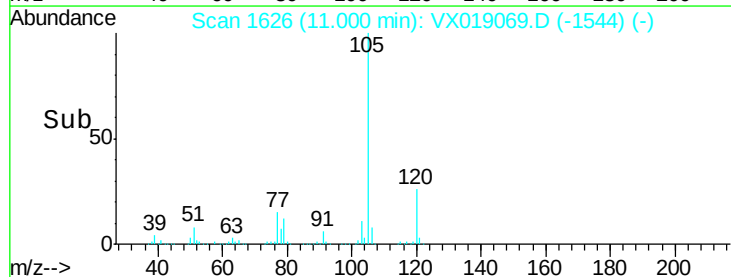
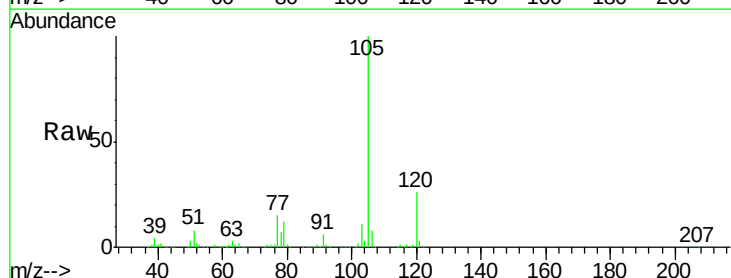
Manual Integrations
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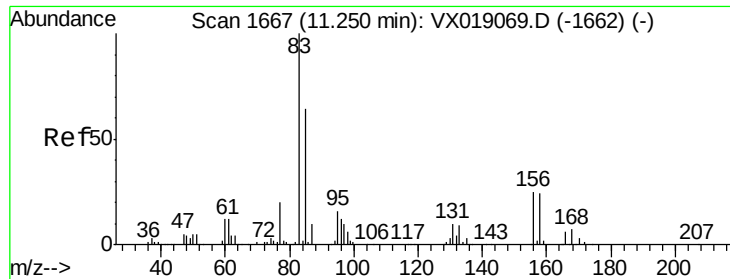
MMDadoda
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#70
Isopropylbenzene
Concen: 16.033 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.0	35.4





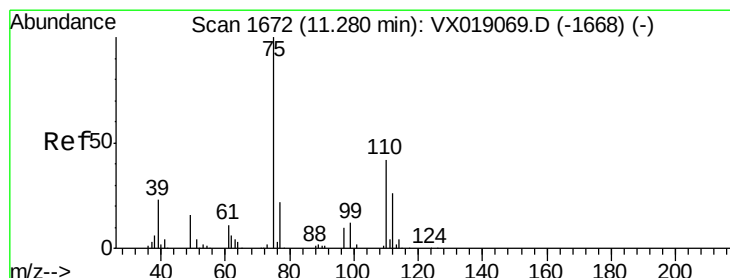
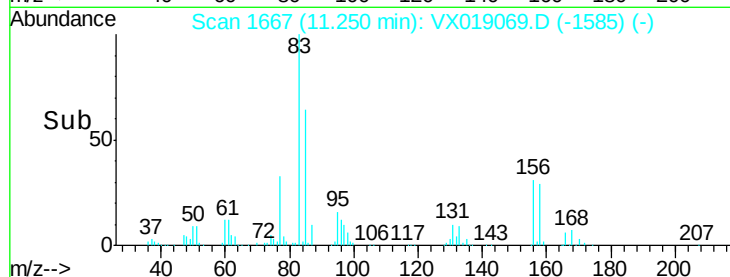
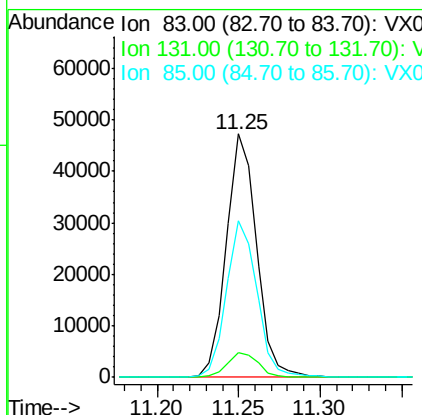
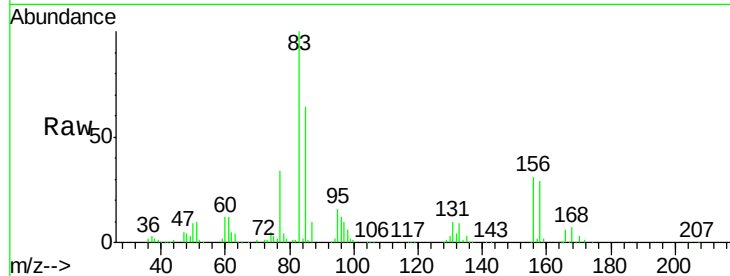
#71
 1,1,2,2-Tetrachloroethane
 Concen: 15.241 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	64.9	32.5	97.4

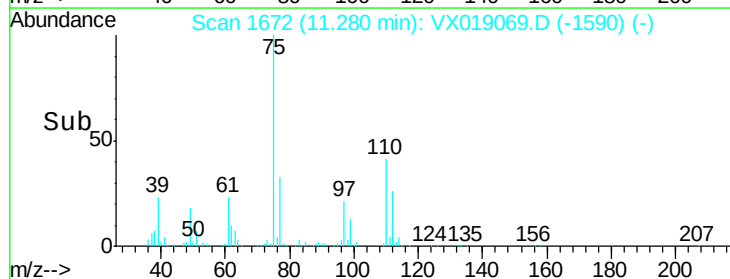
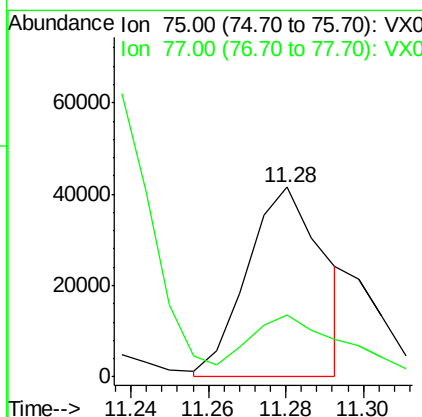
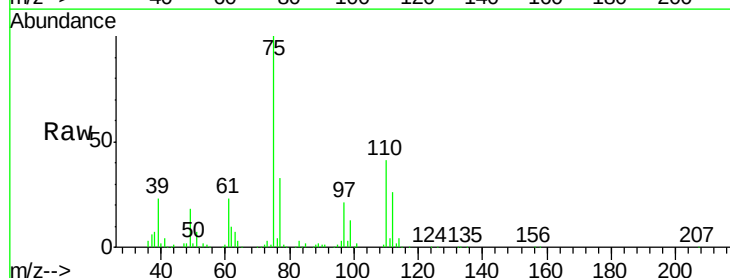
Manual Integrations
 APPROVED

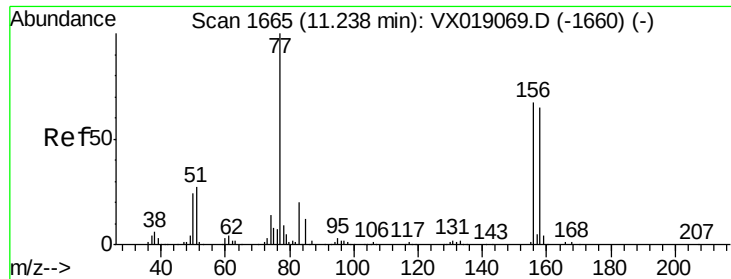
MMDadoda
 10/26/2020 11:17:24 AM



#72
 1,2,3-Trichloropropane
 Concen: 15.250 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.9	0.0	81.8





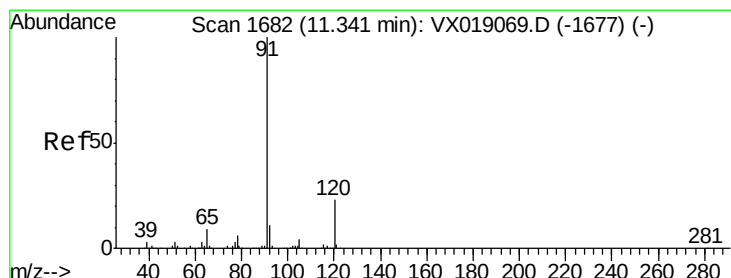
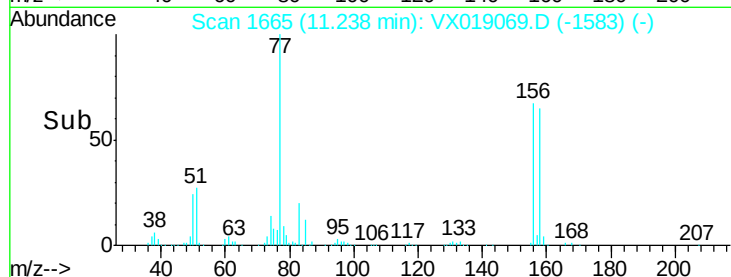
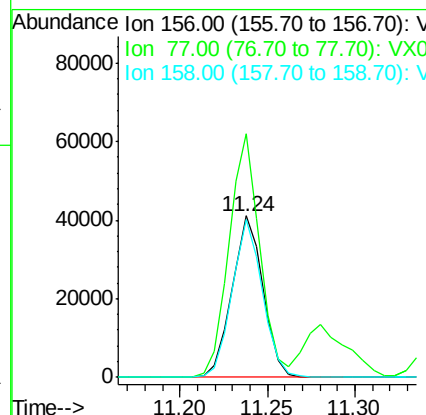
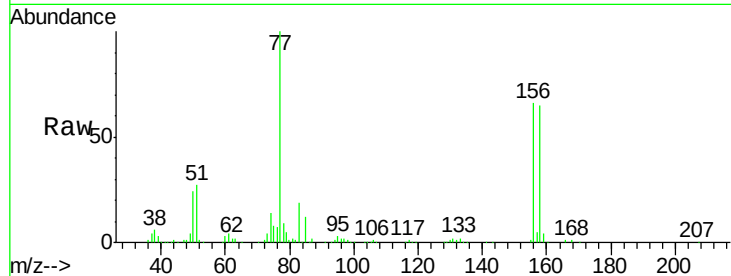
#73
Bromobenzene
Concen: 15.321 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.8	0.0	299.6
158	96.1	0.0	192.2

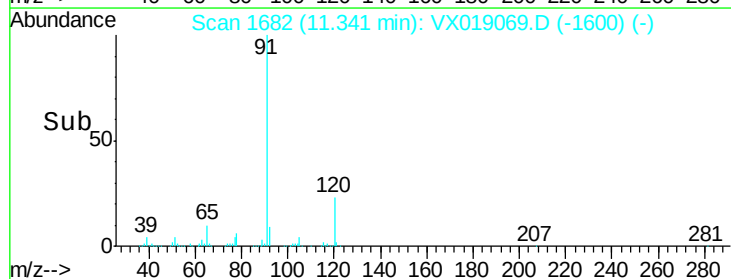
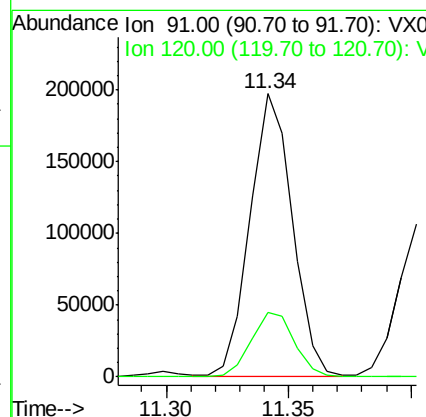
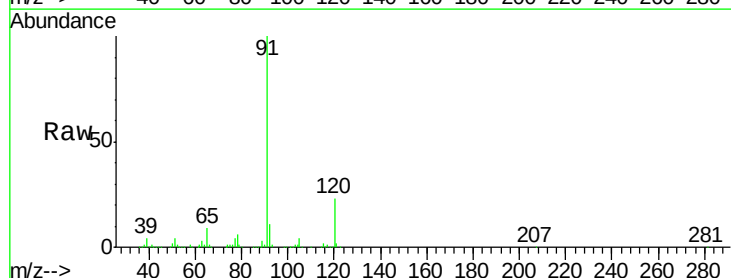
Manual Integrations
APPROVED

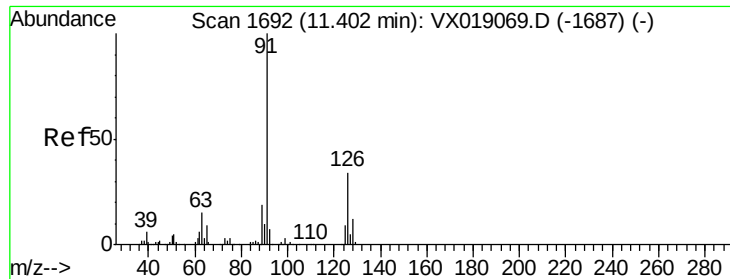
MMDadoda
10/26/2020 11:17:24 AM



#74
n-propylbenzene
Concen: 16.166 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	0.0	46.6





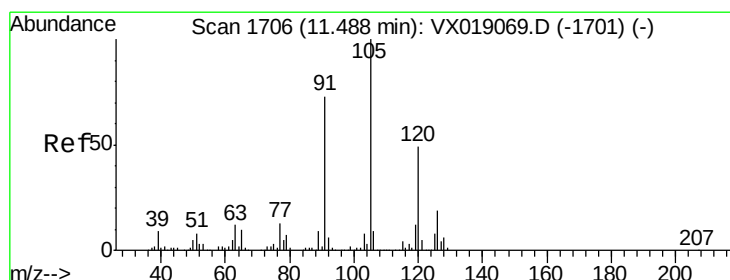
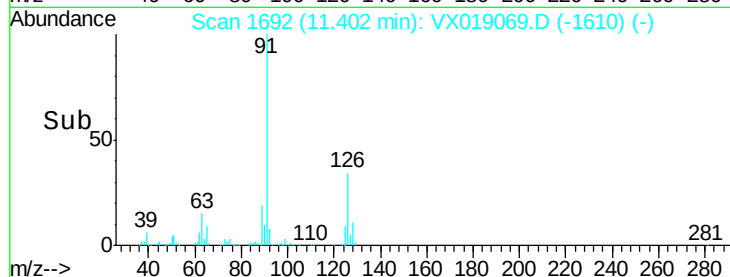
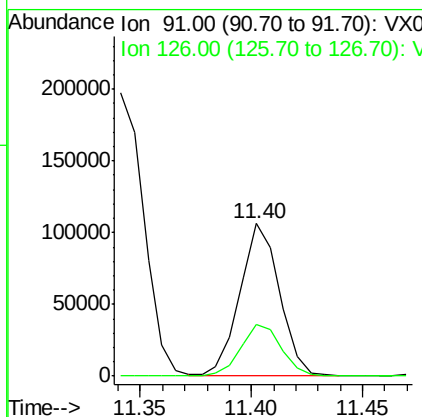
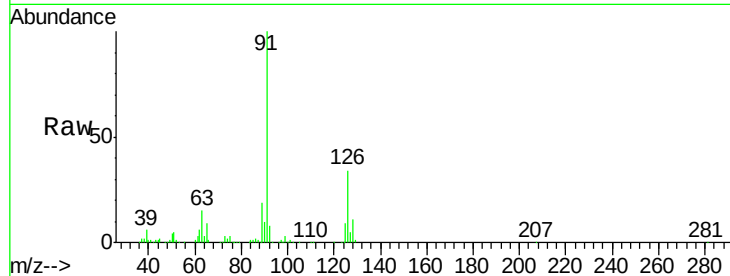
#75
2-Chlorotoluene
Concen: 15.726 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 91 Resp: 133204
Ion Ratio Lower Upper
91 100
126 34.5 0.0 69.0

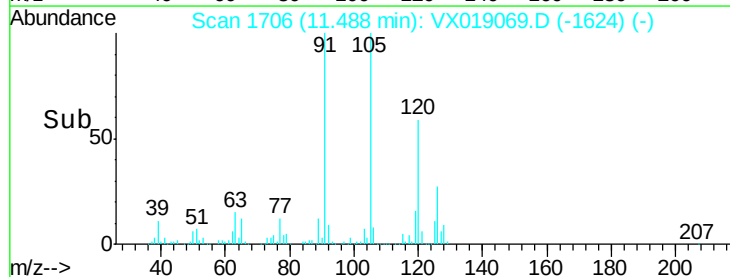
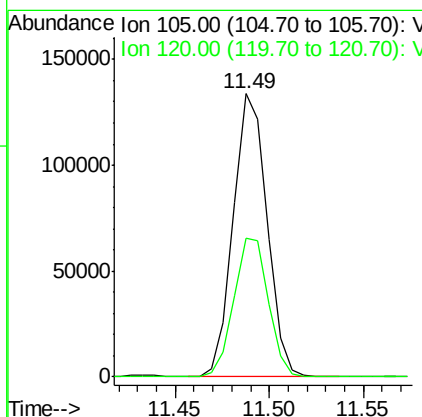
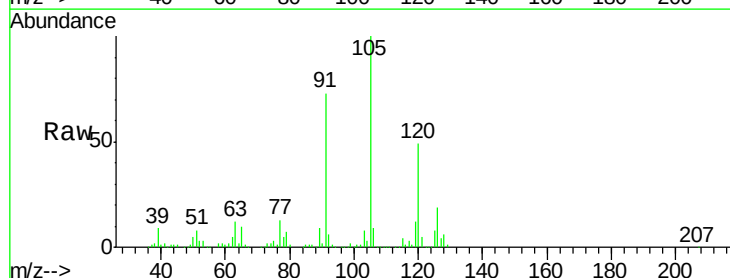
Manual Integrations
APPROVED

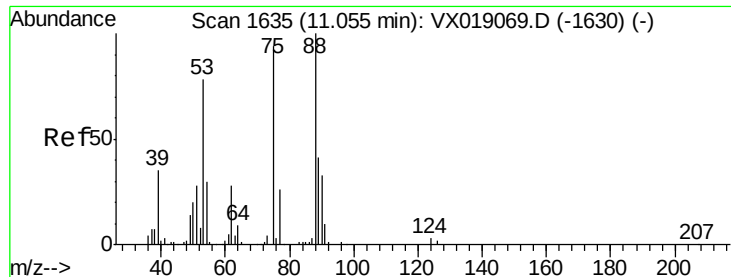
MMDadoda
10/26/2020 11:17:24 AM



#76
1,3,5-Trimethylbenzene
Concen: 15.531 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion: 105 Resp: 167069
Ion Ratio Lower Upper
105 100
120 50.1 0.0 100.2





#77

t-1,4-Dichloro-2-butene

Concen: 13.264 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

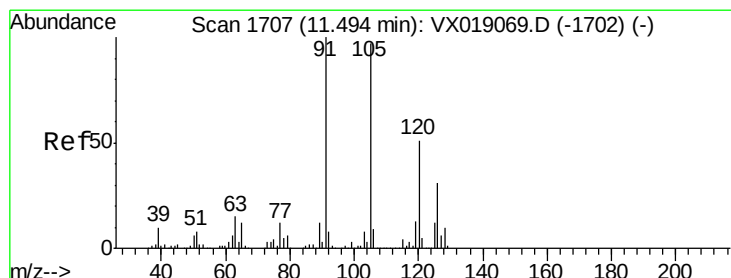
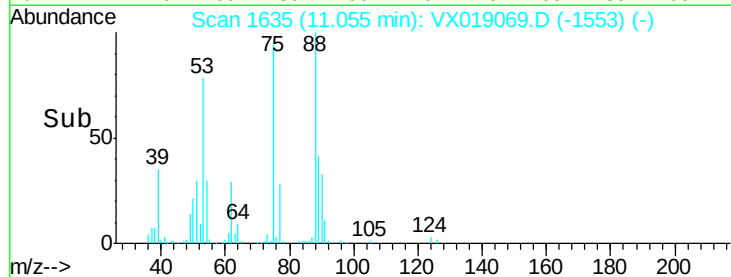
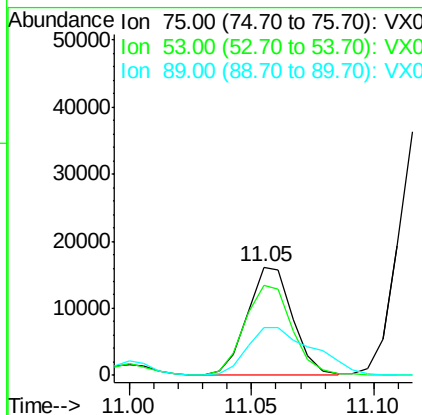
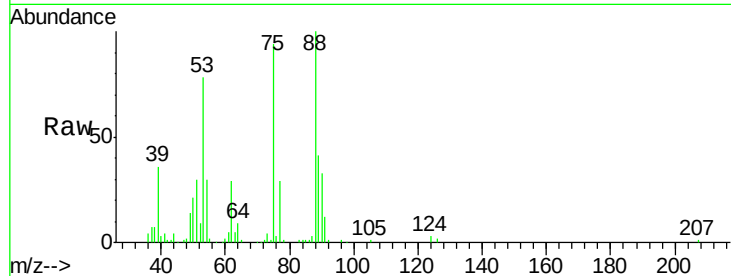
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	20958
Ion	Ratio	Lower	Upper
75	100		
53	83.2	41.6	124.8
89	43.5	21.8	65.3

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#78

4-Chlorotoluene

Concen: 15.675 ug/l

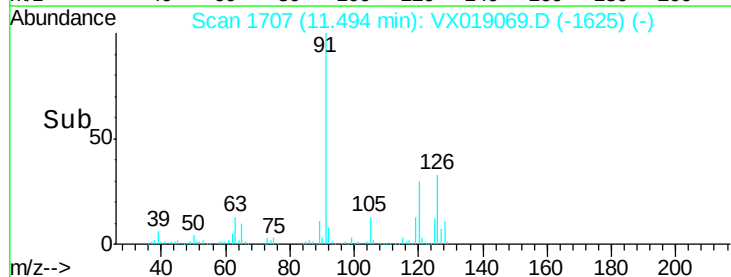
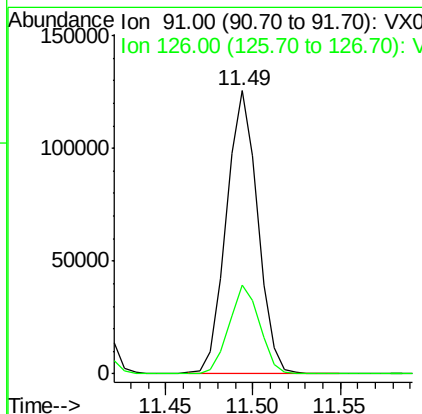
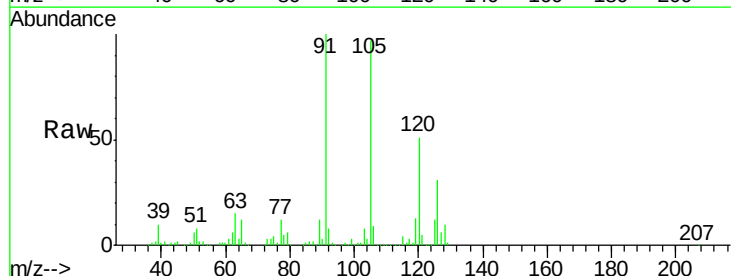
RT: 11.49 min Scan# 1707

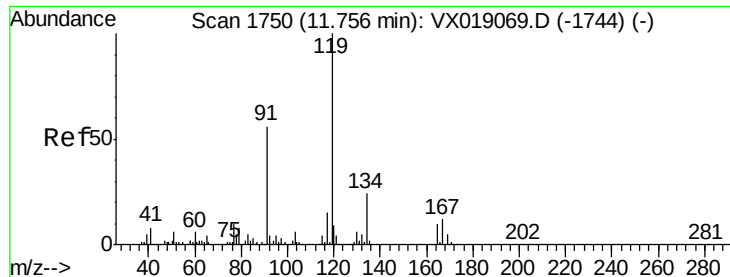
Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Tgt Ion:	91	Resp:	156531
Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	61.2





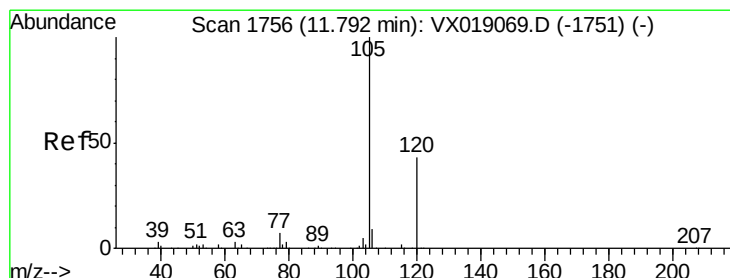
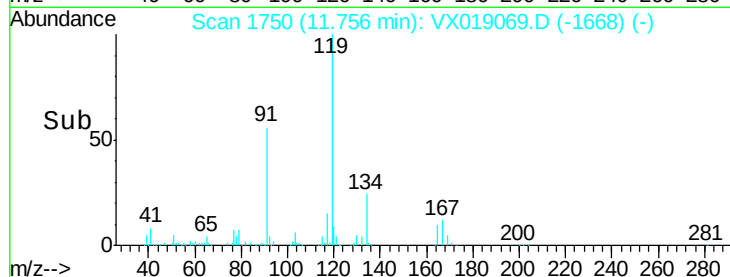
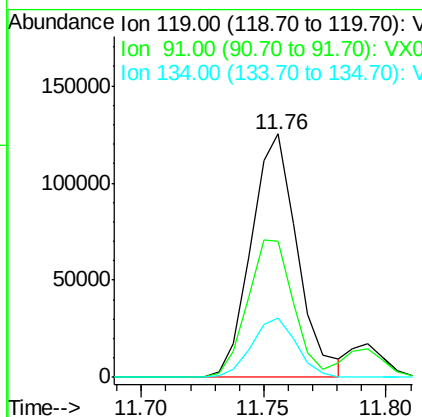
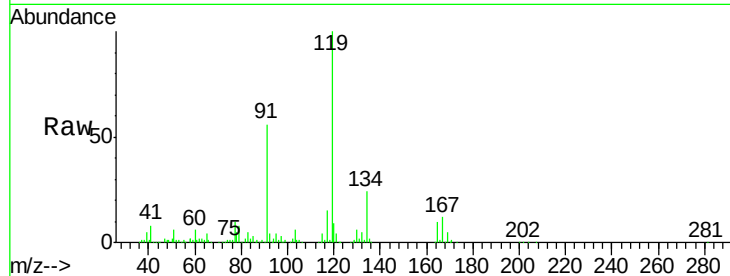
#79
tert-butylbenzene
Concen: 15.209 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	165167		
91	55.7	0.0	111.4	
134	23.6	0.0	47.2	

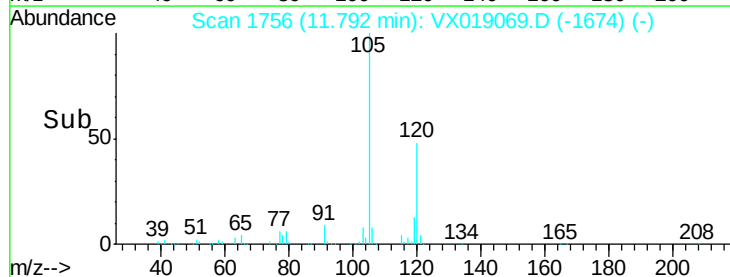
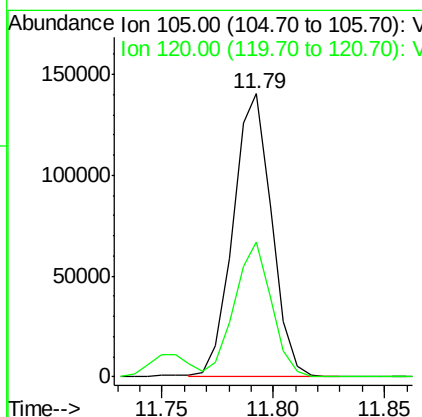
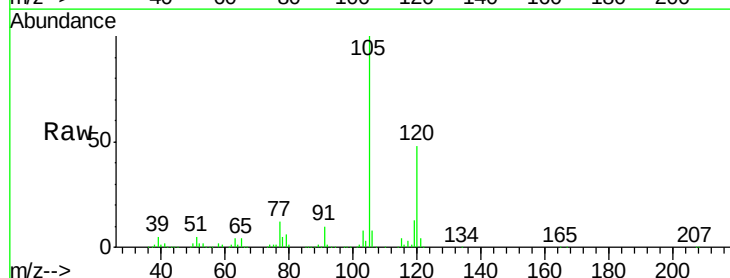
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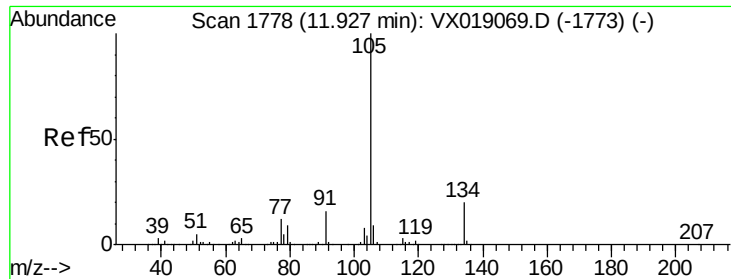
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#80
1,2,4-Trimethylbenzene
Concen: 15.698 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168826		
120	46.0	0.0	92.0	





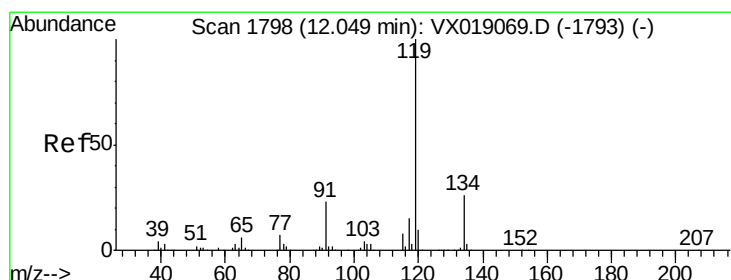
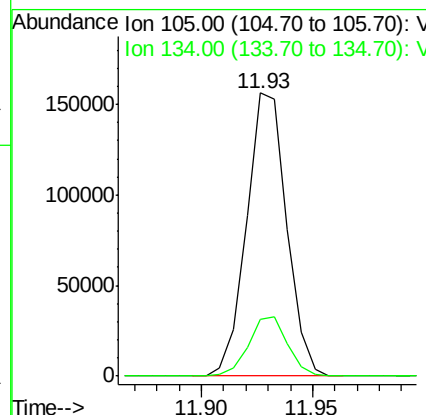
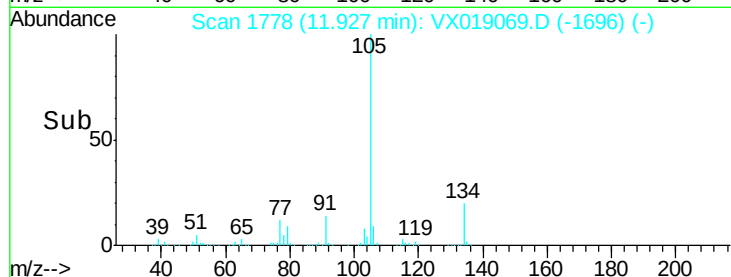
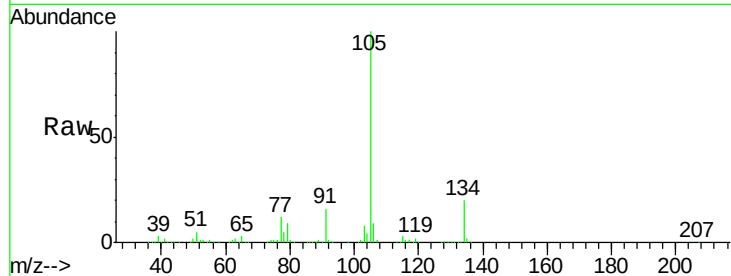
#81
 sec-Butylbenzene
 Concen: 15.702 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	196853		
134	20.4	0.0	40.8	

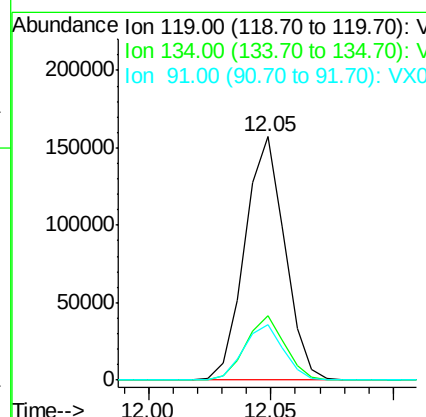
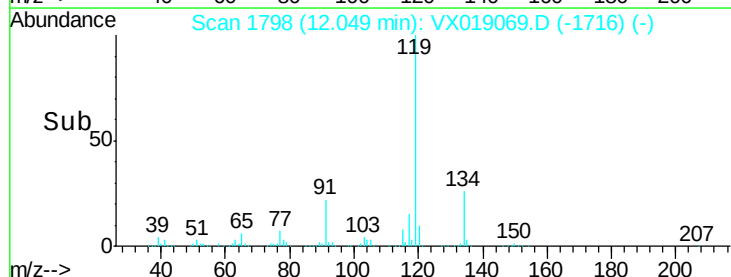
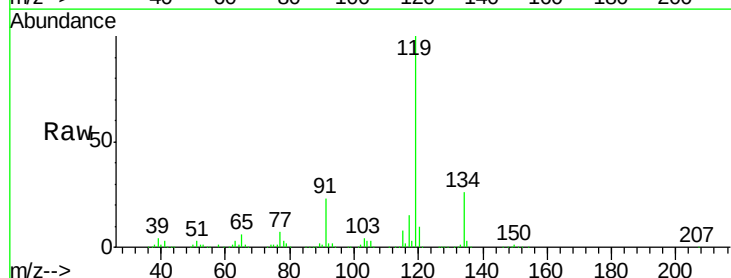
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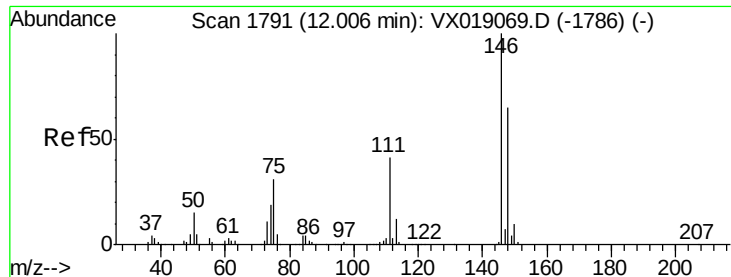
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#82
 p-Isopropyltoluene
 Concen: 15.387 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	179003		
134	26.0	0.0	52.0	
91	22.8	0.0	45.6	





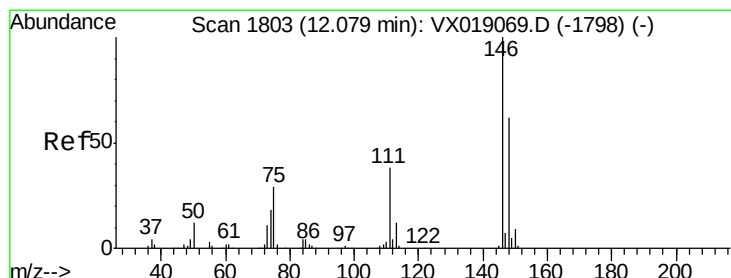
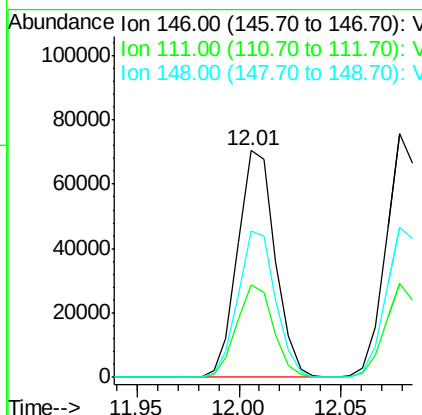
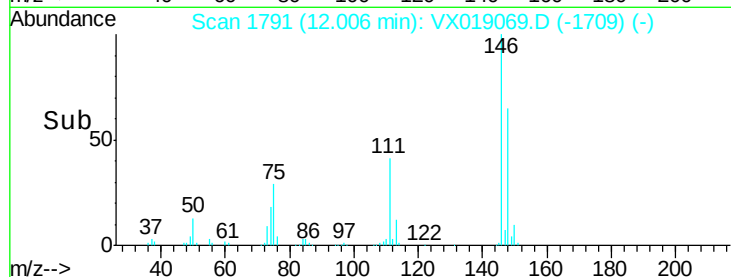
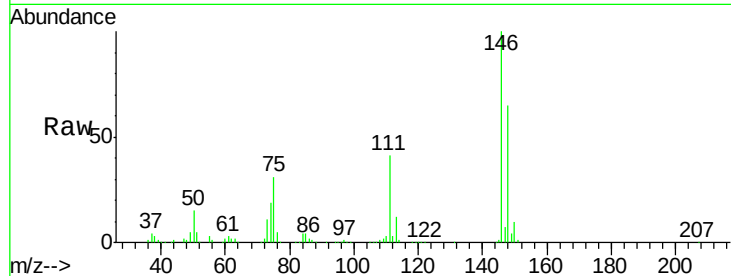
#83
 1,3-Dichlorobenzene
 Concen: 15.282 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.4	32.2	96.6

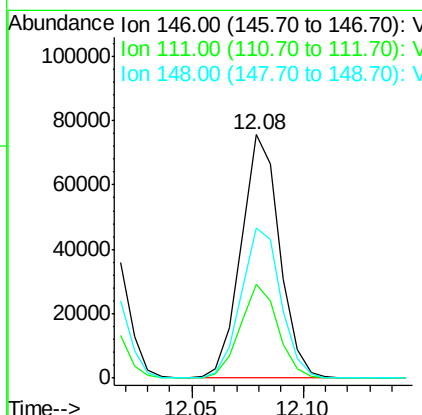
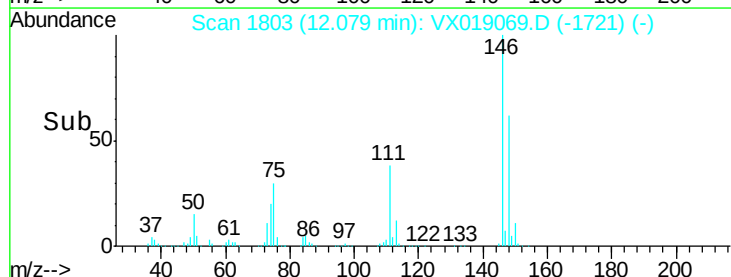
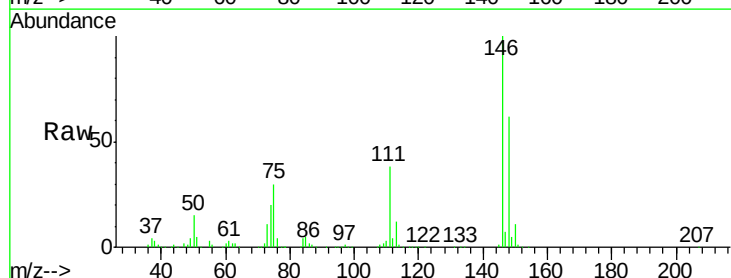
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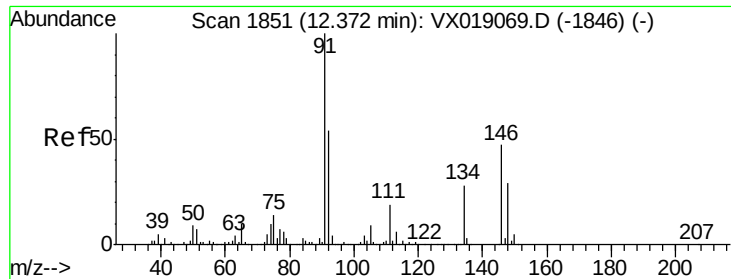
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#84
 1,4-Dichlorobenzene
 Concen: 15.315 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.3	31.6	95.0





#85

n-Butylbenzene

Concen: 15.291 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_X

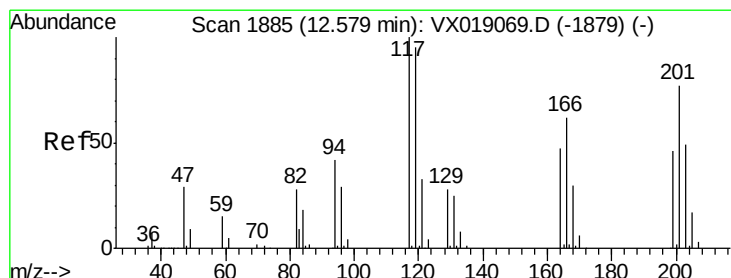
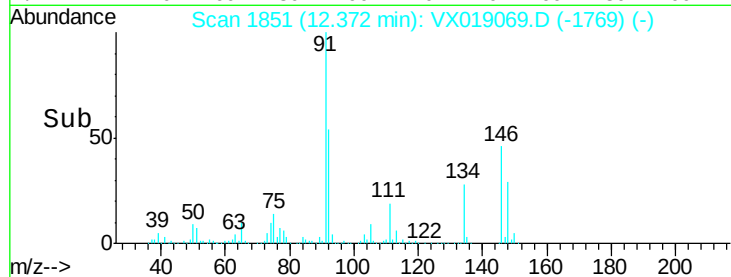
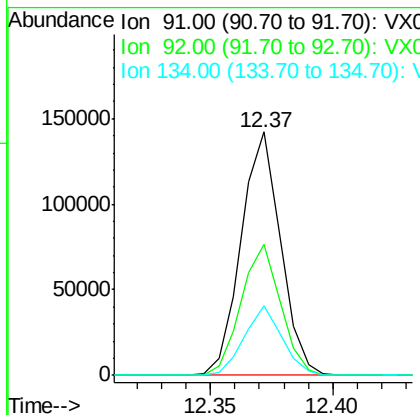
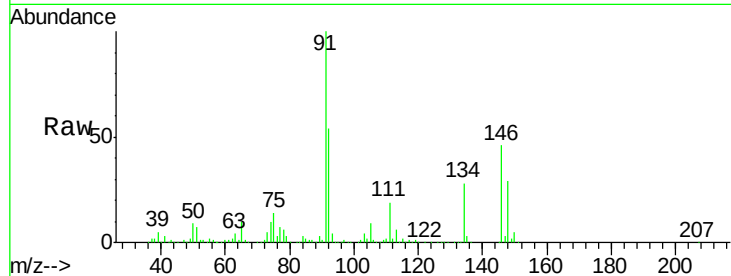
ClientSampleId :

VSTDICCC020

Tot Ion:	91	Resp:	159765
Ion	Ratio	Lower	Upper
91	100		
92	53.7	0.0	107.4
134	27.3	0.0	54.6

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#86

Hexachloroethane

Concen: 13.443 ug/l

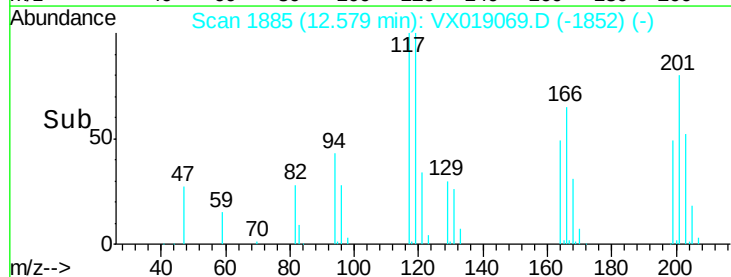
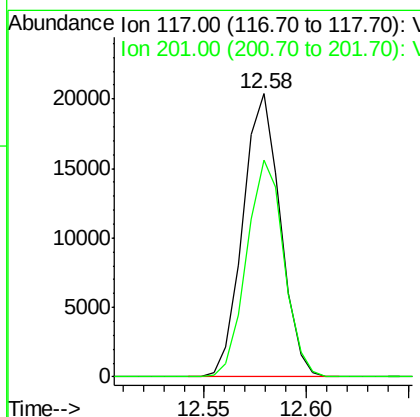
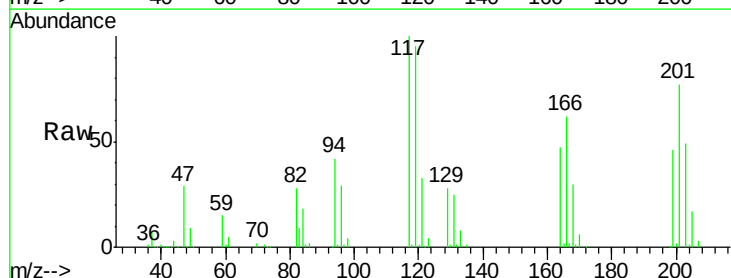
RT: 12.58 min Scan# 1885

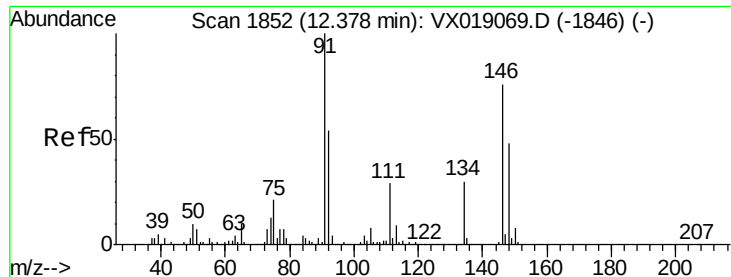
Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Tgt Ion:	117	Resp:	25976
Ion	Ratio	Lower	Upper
117	100		
201	76.7	38.4	115.1





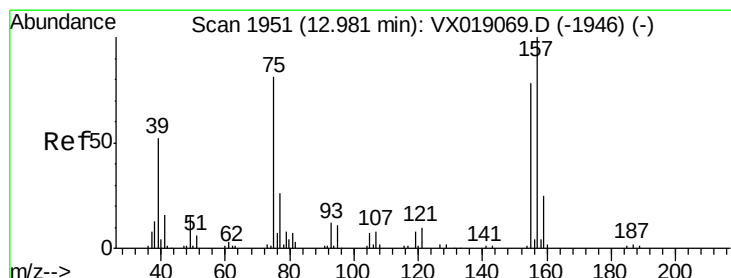
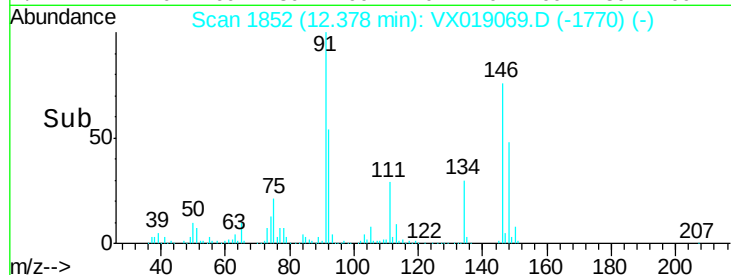
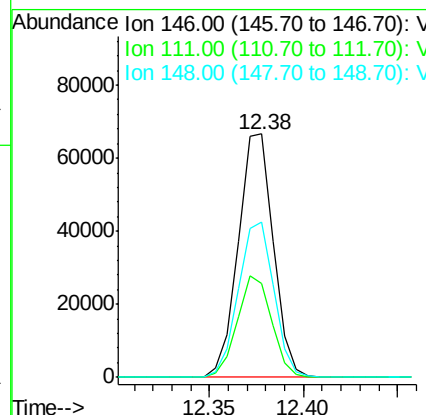
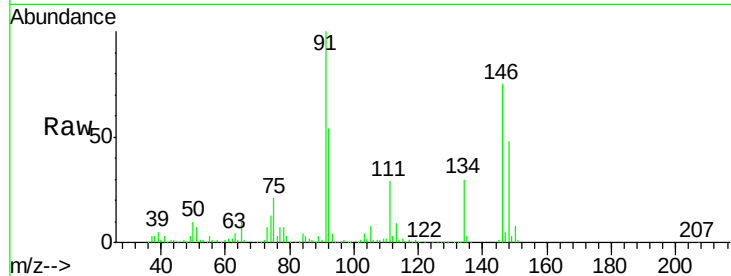
#87
 1,2-Dichlorobenzene
 Concen: 15.166 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	64.3	32.1	96.5

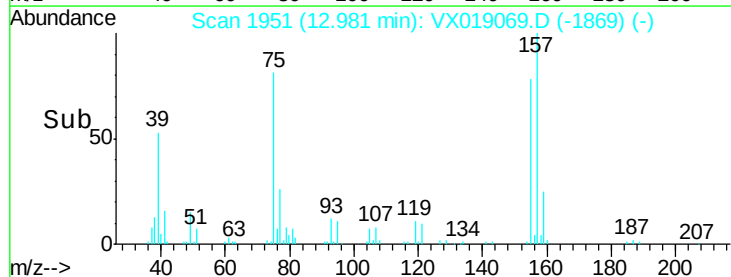
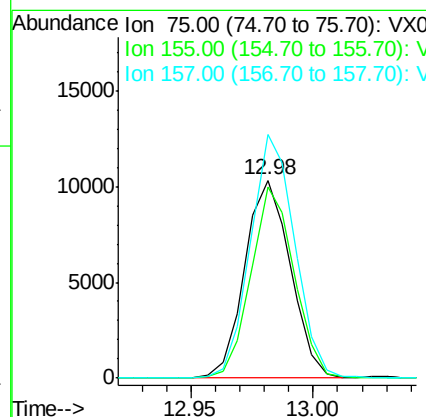
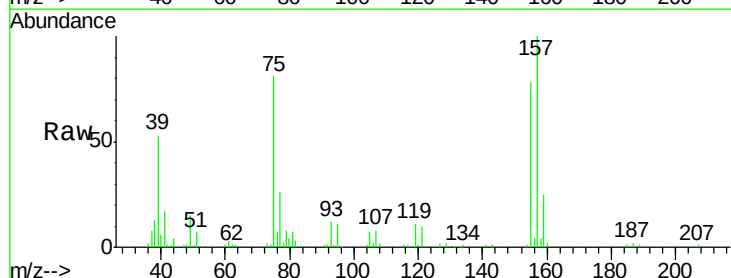
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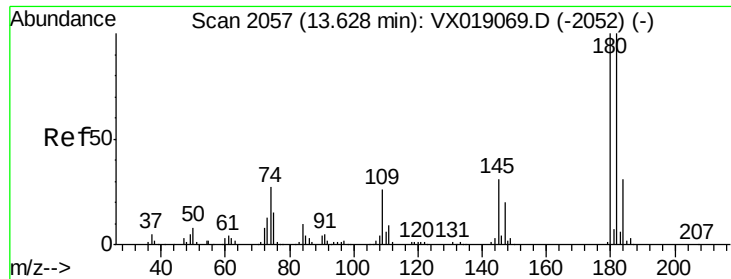
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 13.940 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	73.7	110.5
157	120.6	96.5	144.7





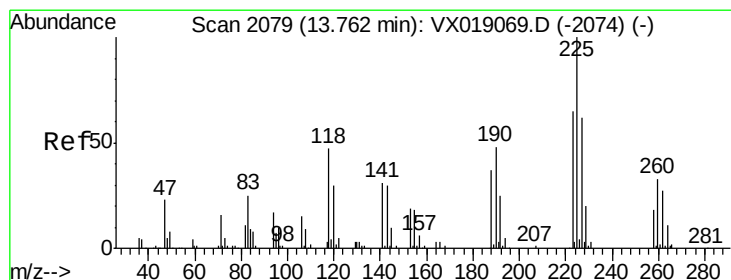
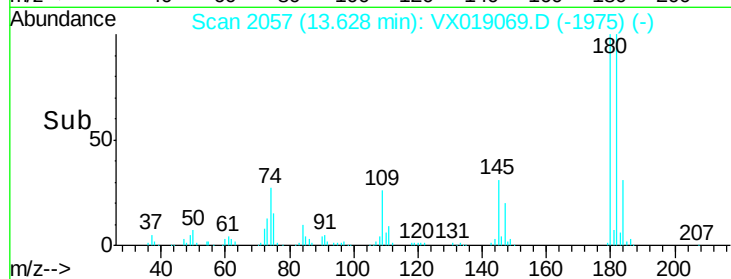
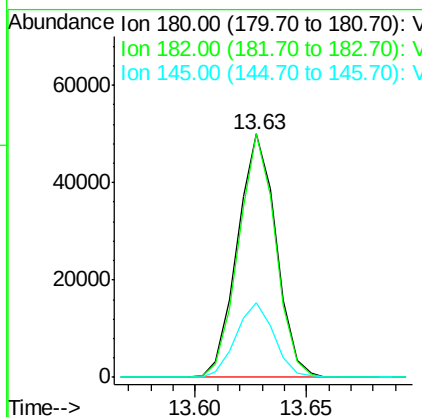
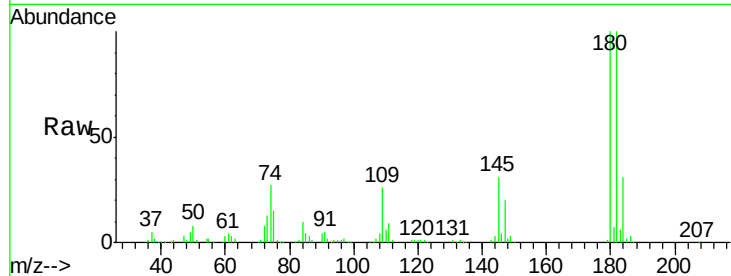
#89
 1,2,4-Trichlorobenzene
 Concen: 14.552 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
145	30.3	24.2	36.4

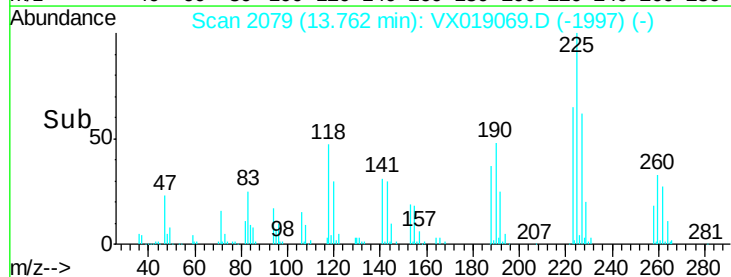
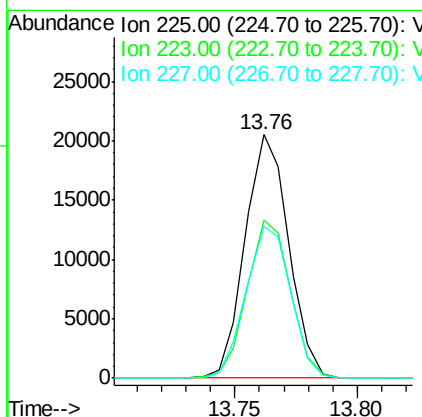
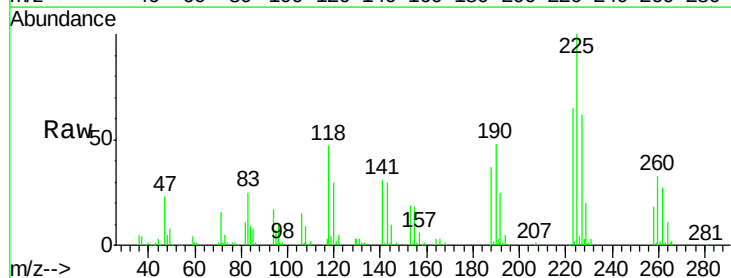
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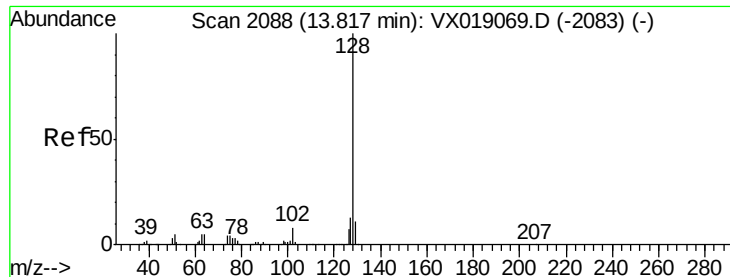
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#90
 Hexachlorobutadiene
 Concen: 14.641 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	0.0	130.0
227	64.3	0.0	128.6





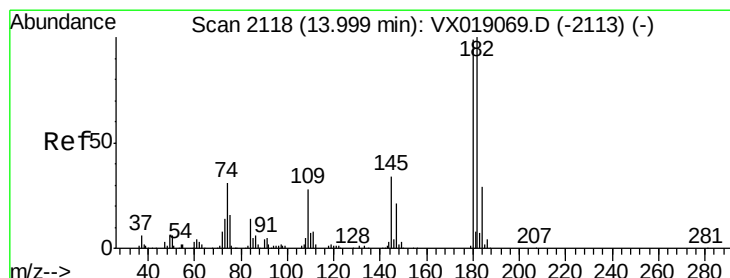
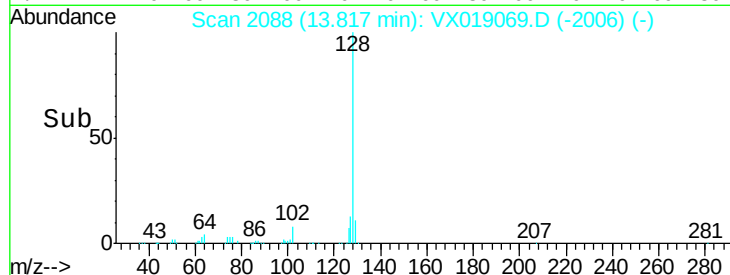
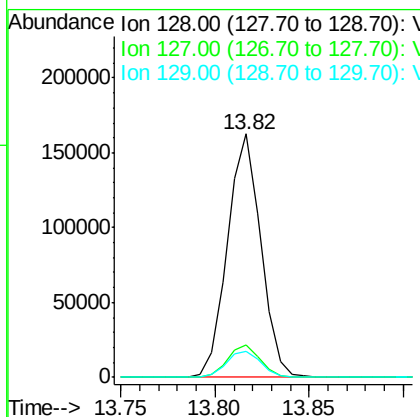
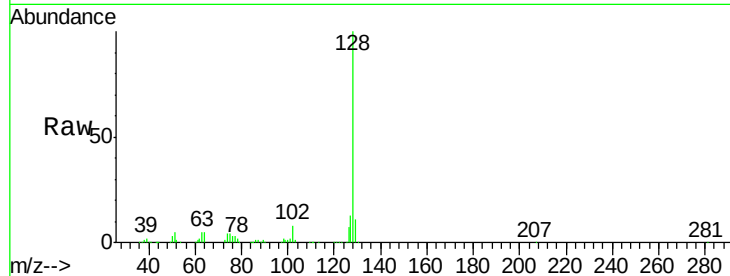
#91
Naphthalene
Concen: 14.684 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.1	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 14.482 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	192.4
145	32.3	0.0	64.6

