

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019078.D
 Acq On : 23 Oct 2020 14:42
 Operator : JC/SP
 Sample : VX1023WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1023WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 2:28:03 PM

Quant Time: Oct 26 04:27:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	42301	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	230702	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	215709	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	85678	30.41	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.37%
60) 4-Bromofluorobenzene	11.12	95	98424	30.40	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.33%
63) Toluene-d8	8.70	98	279547	29.35	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	39401	18.535	ug/l 100
3) Chloromethane	1.31	50	37925	19.744	ug/l 99
4) Vinyl Chloride	1.39	62	46839	18.606	ug/l 97
5) Bromomethane	1.64	94	43007	24.665	ug/l 97
6) Chloroethane	1.71	64	32006	18.761	ug/l 98
7) Trichlorofluoromethane	1.92	101	80192	18.294	ug/l 95
8) Diethyl Ether	2.17	74	31790	19.347	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39195	18.713	ug/l 99
10) 1,1-Dichloroethene	2.36	96	39866	18.722	ug/l 97
11) Methyl Iodide	2.49	142	33348	19.258	ug/l 97
12) Methyl Acetate	2.75	43	42247	20.041	ug/l 99
13) Acrolein	2.28	56	18399	94.792	ug/l 99
14) Acrylonitrile	3.11	53	98389	99.349	ug/l 99
15) Acetone	2.42	58	30612	107.904	ug/l 89
16) Carbon Disulfide	2.55	76	107157	18.105	ug/l 100
17) Allyl chloride	2.70	41	51241	19.264	ug/l 95
18) Methylene Chloride	2.83	84	47430	19.531	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	45285	18.209	ug/l 98
20) Diisopropyl ether	3.82	45	102305	18.986	ug/l 93
21) 1,1-Dichloroethane	3.67	63	73842	18.665	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	53485	18.566	ug/l 100
23) tert-Butyl Alcohol	3.01	59	50312	104.790	ug/l # 100
24) Methyl tert-Butyl Ether	3.16	73	128649	19.106	ug/l 98
25) Chloroform	5.17	83	83018	18.939	ug/l 98
26) Cyclohexane	5.54	56	56294	18.311	ug/l # 99
29) 1,1-Dichloropropene	5.76	75	60431	18.568	ug/l 100
30) 2-Butanone	4.63	43	137665	106.176	ug/l 99
31) 2,2-Dichloropropane	4.54	77	68519	18.400	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	72493	18.532	ug/l 98
33) Carbon Tetrachloride	5.75	117	61498	18.116	ug/l 96
34) Benzene	6.11	78	182142	19.020	ug/l 97
35) Methacrylonitrile	4.99	41	27234	19.403	ug/l 96
36) 1,2-Dichloroethane	6.15	62	64054	19.499	ug/l 99
37) Trichloroethene	7.18	130	52001	18.892	ug/l 94
38) Methylcyclohexane	7.44	83	68807	18.861	ug/l 99
39) 1,2-Dichloropropane	7.49	63	43435	19.540	ug/l 99
40) Dibromomethane	7.63	93	33481	19.408	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX1023WBSD01

Manual Integrations
 APPROVED

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Quant Time: Oct 26 04:27:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	65902	19.322	ug/l	99
42) Vinyl Acetate	3.78	43	496256	98.368	ug/l	99
43) Ethyl Acetate	4.79	43	53606	19.708	ug/l	98
44) Isopropyl Acetate	6.41	43	89649	19.683	ug/l	100
45) 1,4-Dioxane	7.72	88	19258	402.263	ug/l	99
46) Methyl methacrylate	7.74	41	42873	19.888	ug/l	96
47) n-amyl Acetate	10.88	43	75936	20.785	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	73461	19.239	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	75862	18.671	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	49327	19.741	ug/l	98
51) Ethyl methacrylate	9.16	69	71830	19.701	ug/l	98
52) 1,3-Dichloropropane	9.35	76	81068	19.915	ug/l	98
53) Dibromochloromethane	9.56	129	52751	18.964	ug/l	97
54) 1,2-Dibromoethane	9.65	107	53372	19.657	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	190233	97.631	ug/l	99
56) Bromoform	10.84	173	36388	18.712	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	275464	101.264	ug/l	100
59) 2-Hexanone	9.47	43	209884	103.540	ug/l	100
61) Tetrachloroethene	9.32	164	46790	18.284	ug/l	95
62) Toluene	8.76	91	208205	18.365	ug/l	100
64) Chlorobenzene	10.12	112	133512	18.945	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.20	131	47961	18.712	ug/l	98
66) Ethyl Benzene	10.23	91	232108	18.674	ug/l	99
67) m/p-Xylenes	10.34	106	178650	37.689	ug/l	99
68) o-Xylene	10.68	106	84208	18.627	ug/l	98
69) Styrene	10.70	104	144118	18.921	ug/l	99
70) Isopropylbenzene	11.00	105	227780	18.739	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	69463	19.794	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	66274m	21.001	ug/l	
73) Bromobenzene	11.24	156	56491	19.016	ug/l	100
74) n-propylbenzene	11.34	91	265416	19.284	ug/l	100
75) 2-Chlorotoluene	11.40	91	152276	19.559	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	188844	19.145	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	23257	18.557	ug/l	90
78) 4-Chlorotoluene	11.49	91	177353	19.385	ug/l	100
79) tert-butylbenzene	11.75	119	185780	19.127	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	185092	18.877	ug/l	99
81) sec-Butylbenzene	11.93	105	224690	19.550	ug/l	99
82) p-Isopropyltoluene	12.05	119	204635	19.319	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	100263	18.883	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	101730	18.870	ug/l	100
85) n-Butylbenzene	12.37	91	181324	19.119	ug/l	98
86) Hexachloroethane	12.58	117	29654	18.227	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	97145	19.111	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	14936	18.805	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	67408	18.427	ug/l	98
90) Hexachlorobutadiene	13.76	225	28946	18.663	ug/l	95
91) Naphthalene	13.82	128	219281	18.312	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	66254	18.828	ug/l	95

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

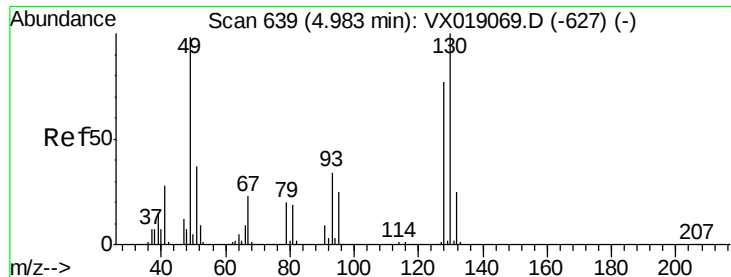
Manual Integrations
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Quant Time: Oct 26 04:27:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 03:21:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

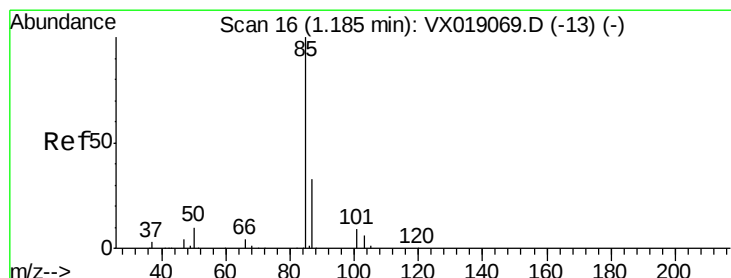
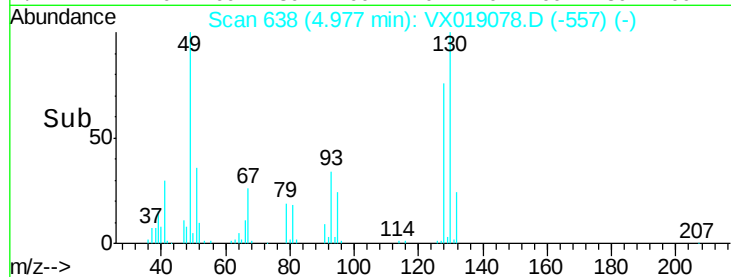
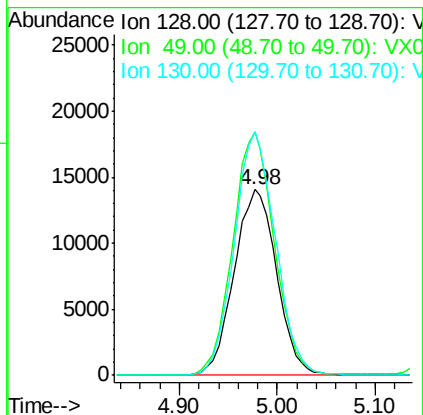
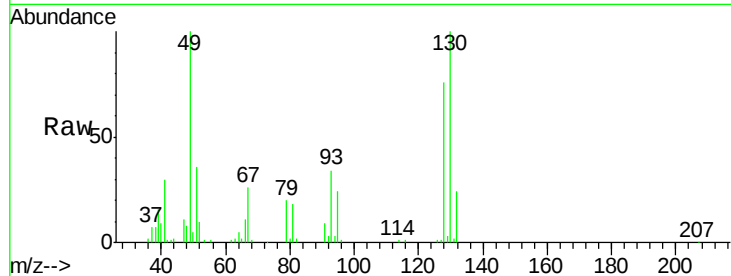
ClientSampleId :

VX1023WBSD01

Tot Ion:	128	Resp:	42301
Ion	Ratio	Lower	Upper
128	100		
49	128.3	0.0	318.8
130	127.6	0.0	321.8

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#2

Dichlorodifluoromethane

Concen: 18.535 ug/l

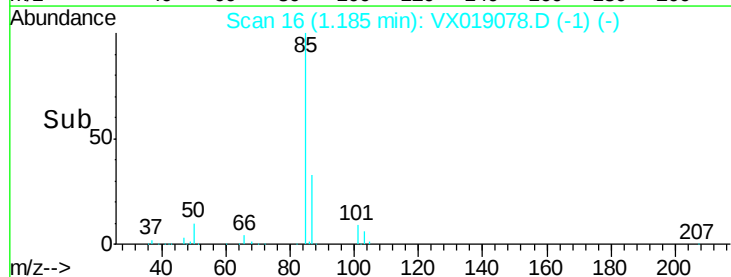
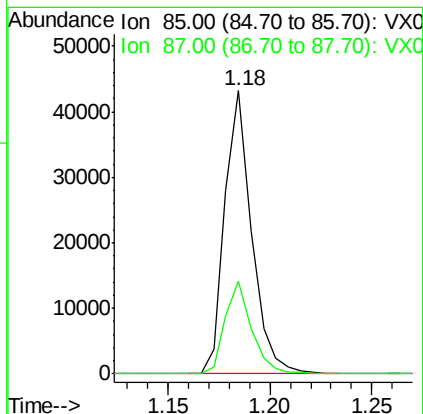
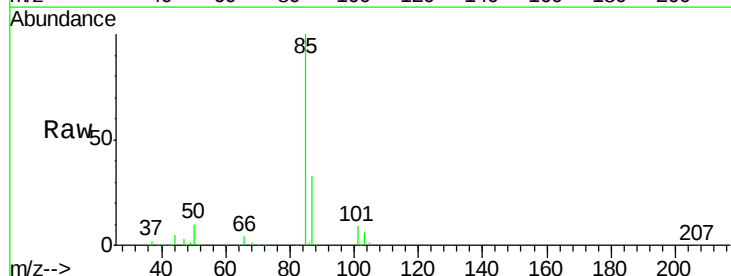
RT: 1.18 min Scan# 16

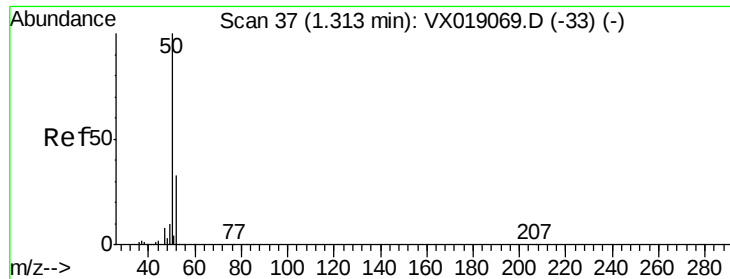
Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Tgt Ion:	85	Resp:	39401
Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.6	49.7





#3

Chloromethane

Concen: 19.744 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion: 50 Resp: 37925

Ion Ratio Lower Upper

50 100

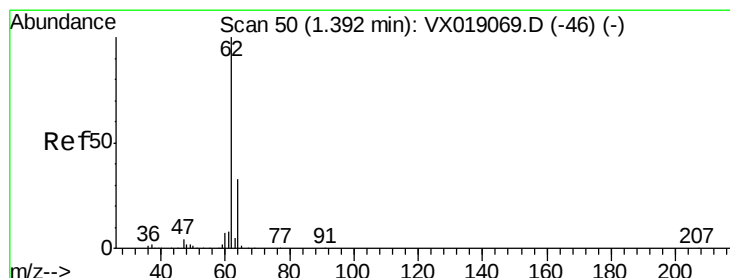
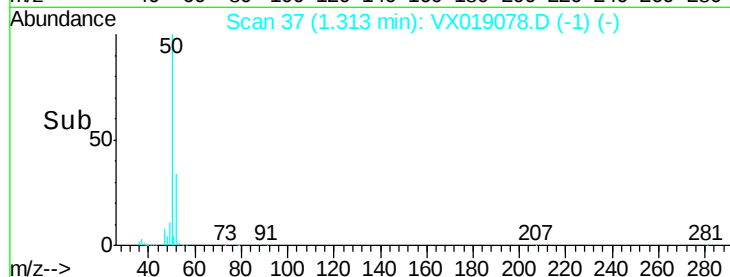
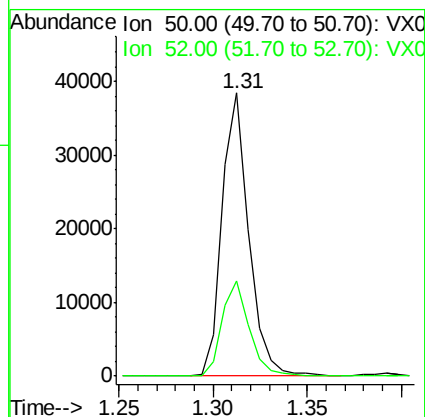
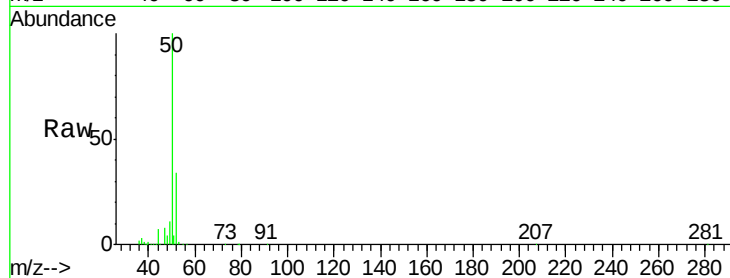
52 33.9 26.7 40.1

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#4

Vinyl Chloride

Concen: 18.606 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019078.D

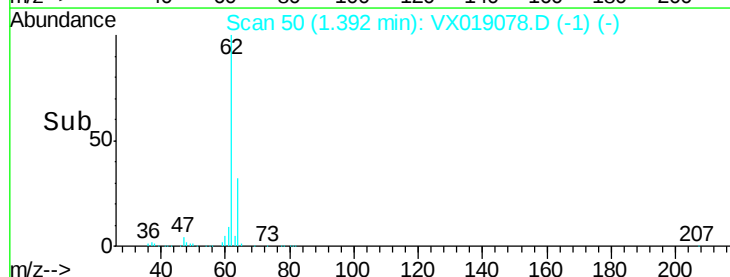
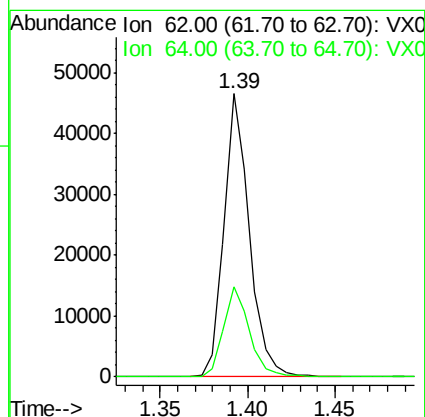
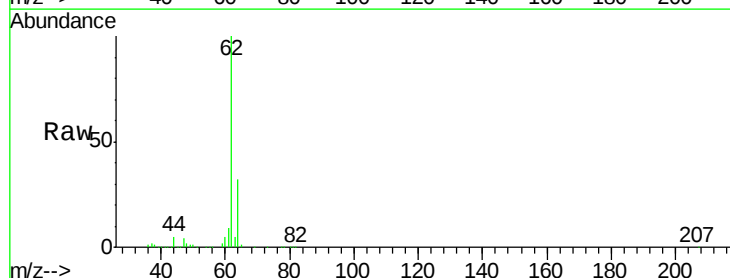
Acq: 23 Oct 2020 14:42

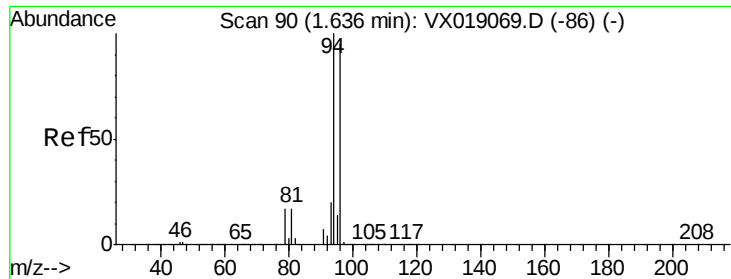
Tgt Ion: 62 Resp: 46839

Ion Ratio Lower Upper

62 100

64 31.7 26.7 40.1





#5

Bromomethane

Concen: 24.665 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion: 94 Resp: 43007

Ion Ratio Lower Upper

94 100

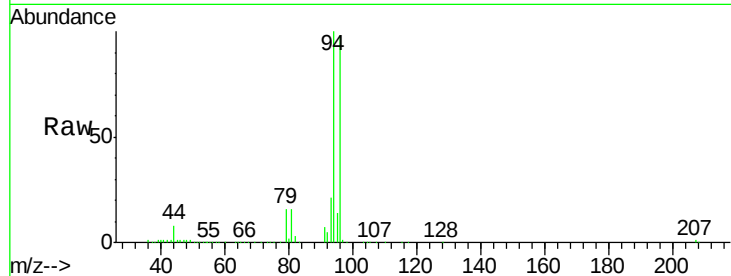
96 98.4 76.2 114.2

Manual Integrations

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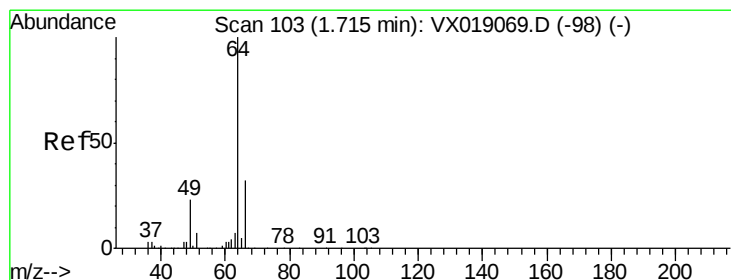
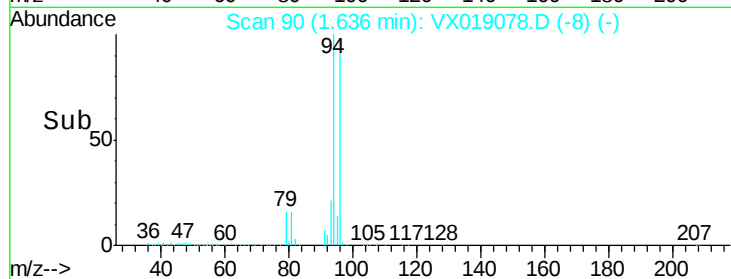
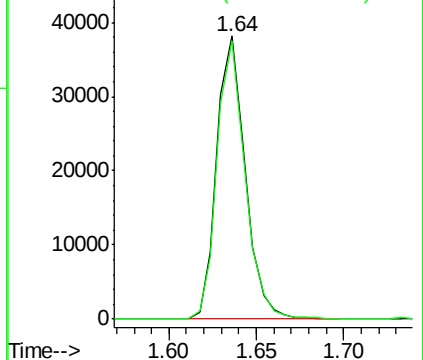
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.761 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX019078.D

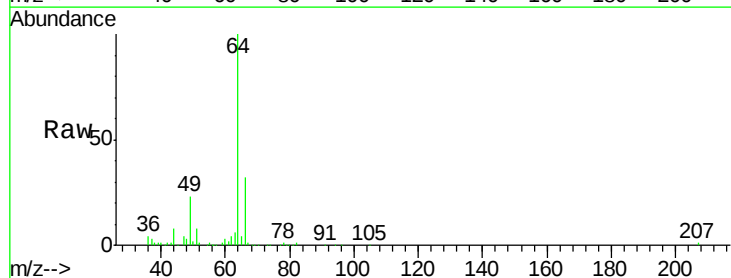
Acq: 23 Oct 2020 14:42

Tgt Ion: 64 Resp: 32006

Ion Ratio Lower Upper

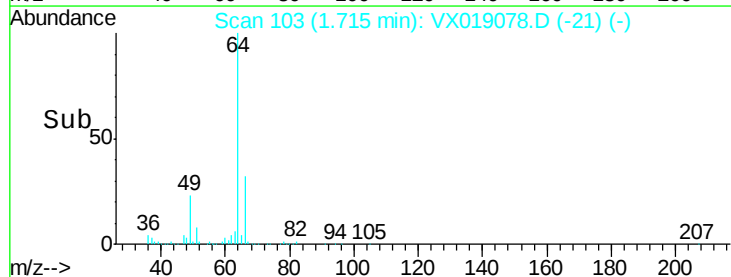
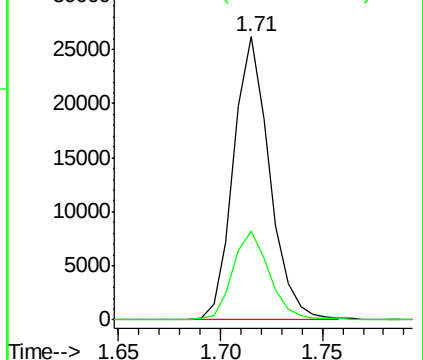
64 100

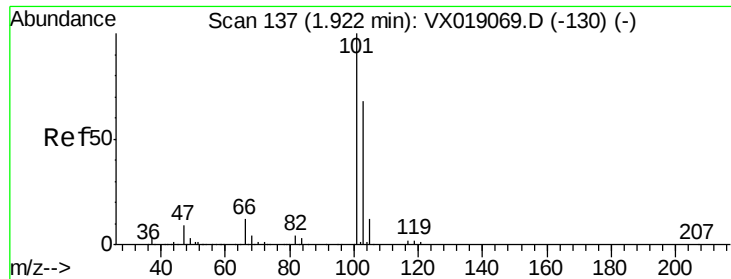
66 31.5 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

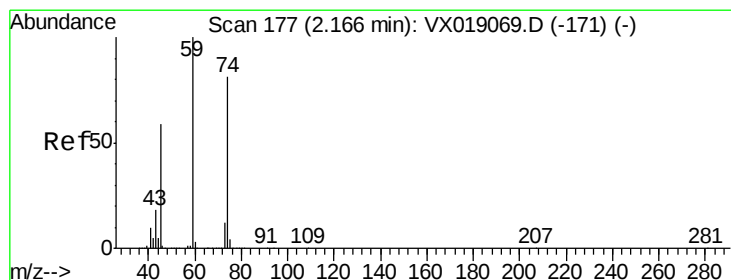
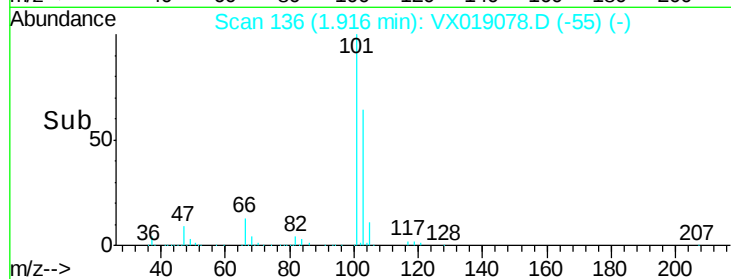
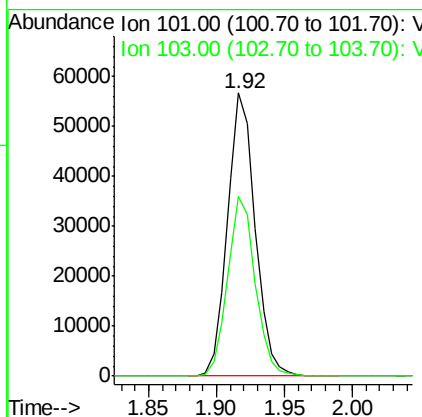
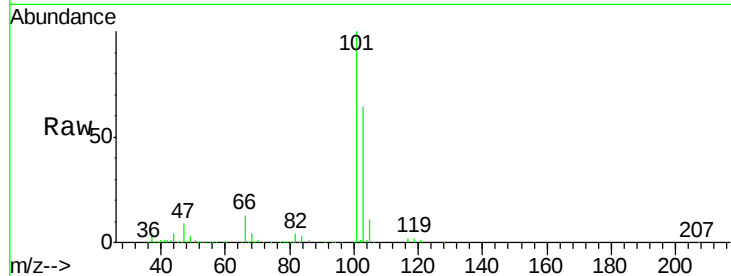
Trichlorofluoromethane
 Concen: 18.294 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

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 VX1023WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	80192		
103	63.7	54.2	81.4	

Manual Integrations
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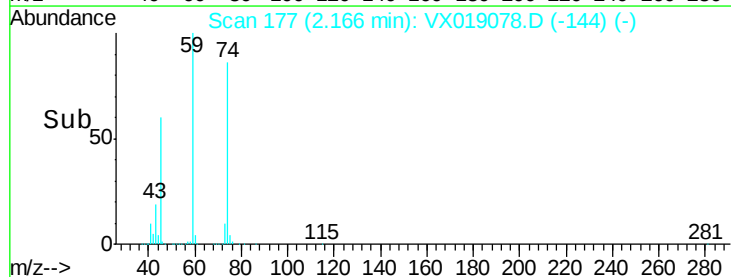
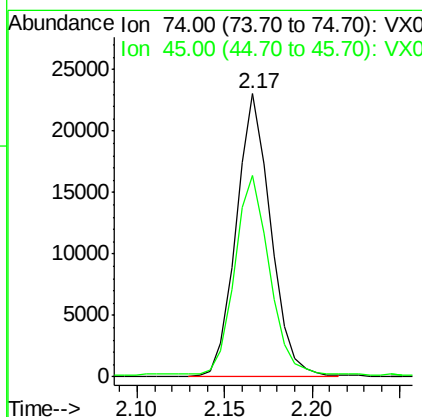
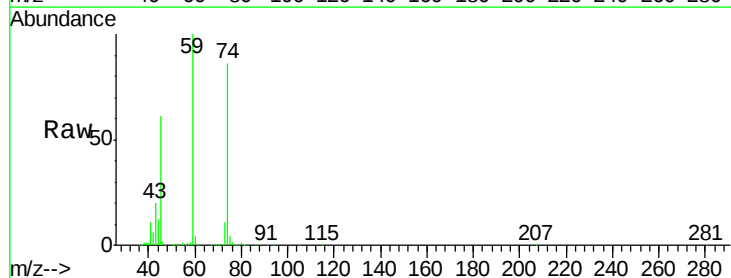
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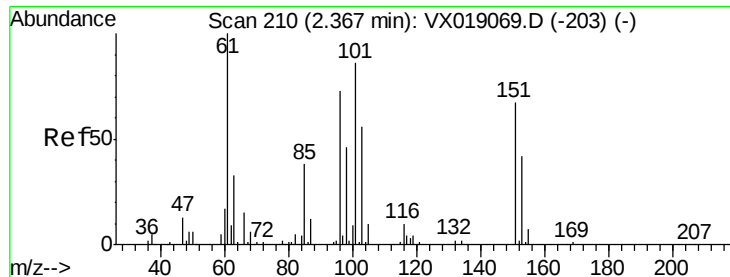


#8

Diethyl Ether
 Concen: 19.347 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	31790		
45	69.6	14.5	130.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.713 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

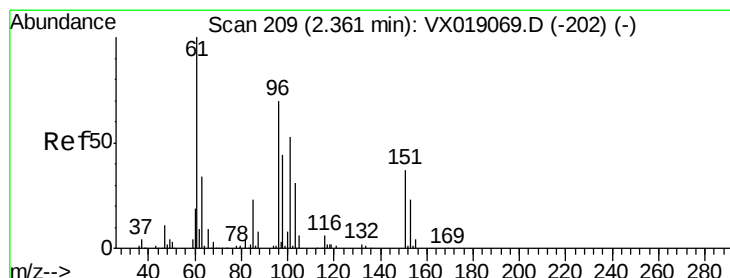
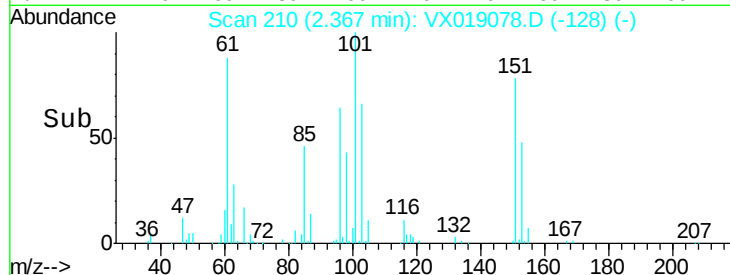
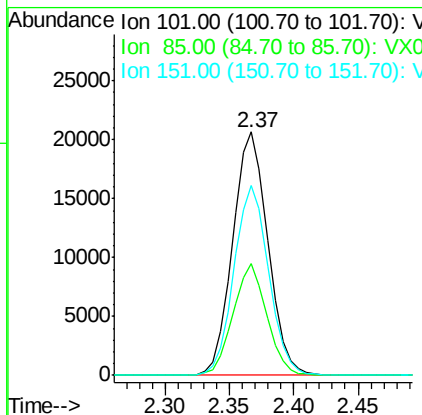
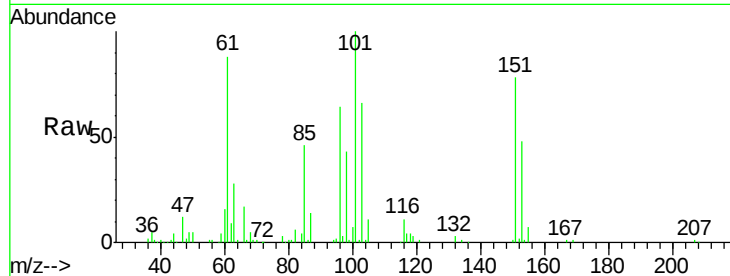
ClientSampleId :

VX1023WBSD01

Tot Ion:	101	Resp:	39195
Ion Ratio	Lower	Upper	
101	100		
85	43.9	0.0	87.0
151	76.9	0.0	151.8

Manual Integrations
APPROVED

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#10

1,1-Dichloroethene

Concen: 18.722 ug/l

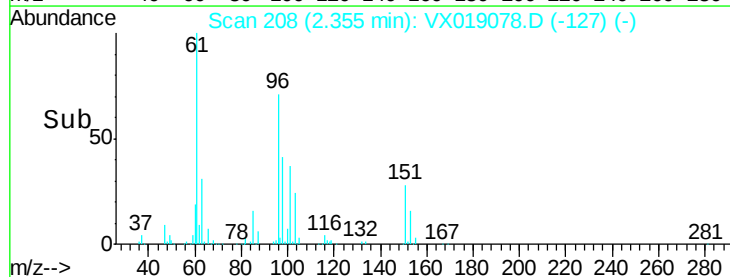
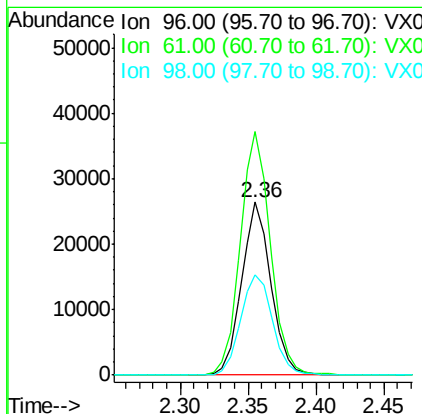
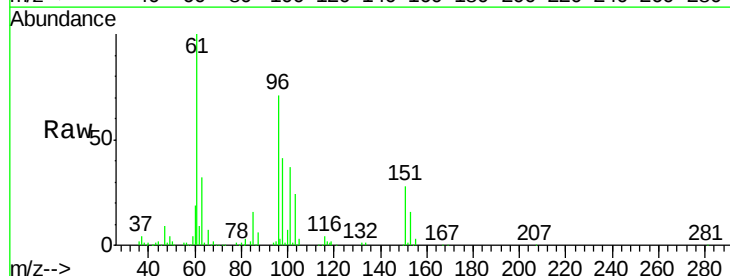
RT: 2.36 min Scan# 208

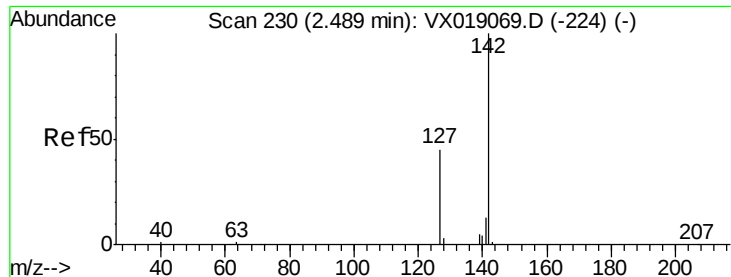
Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Tgt Ion:	96	Resp:	39866
Ion Ratio	Lower	Upper	
96	100		
61	140.6	113.8	170.8
98	57.9	50.4	75.6





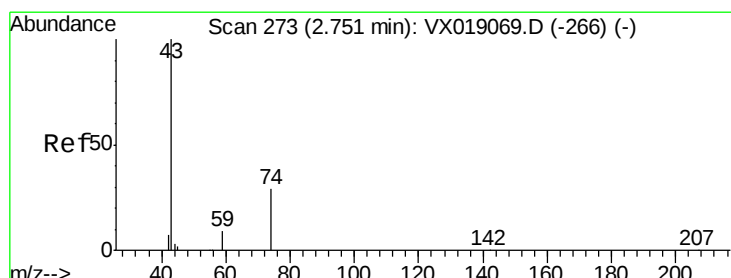
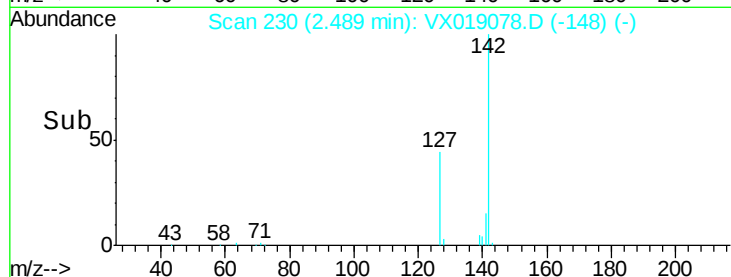
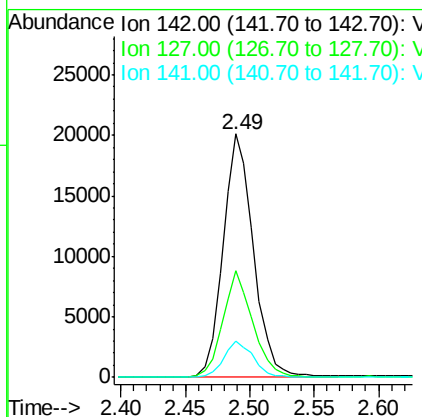
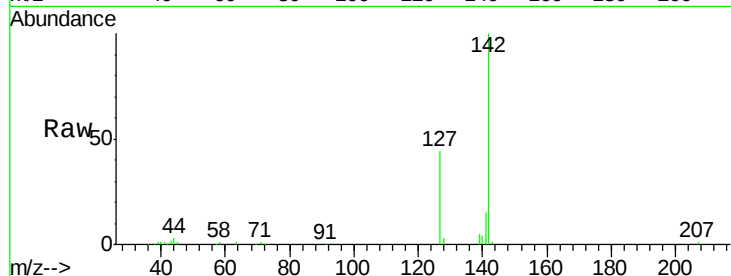
#11
Methvl Iodide
Concen: 19.258 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.7	22.6	67.7
141	14.8	6.3	19.1

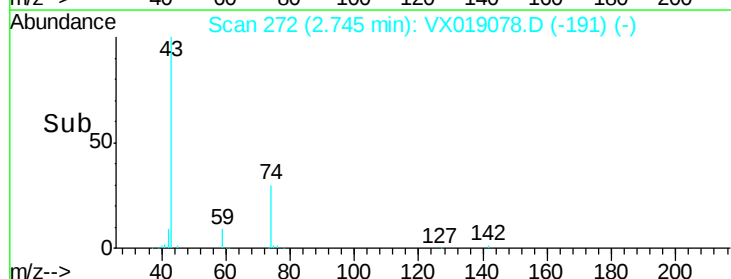
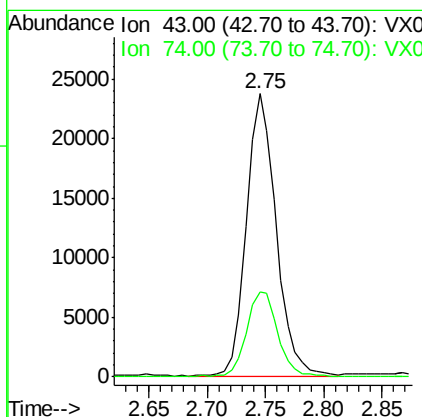
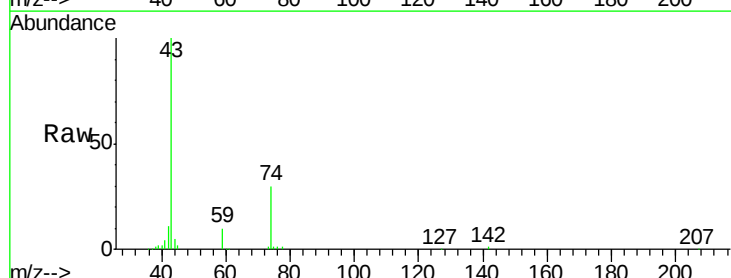
Manual Integrations
APPROVED

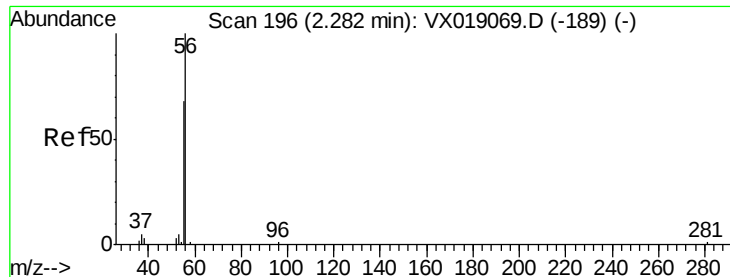
MMDadoda
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#12
Methyl Acetate
Concen: 20.041 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.3	23.9	35.9





#13

Acrolein

Concen: 94.792 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion: 56 Resp: 18399

Ion Ratio Lower Upper

56 100

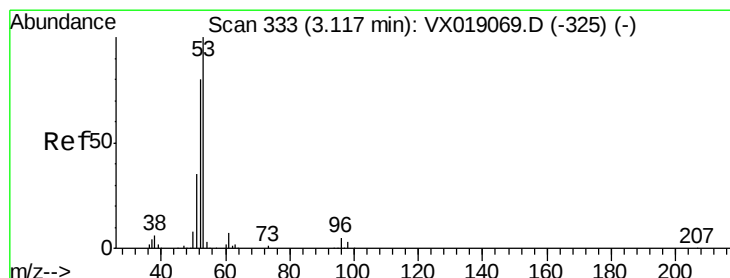
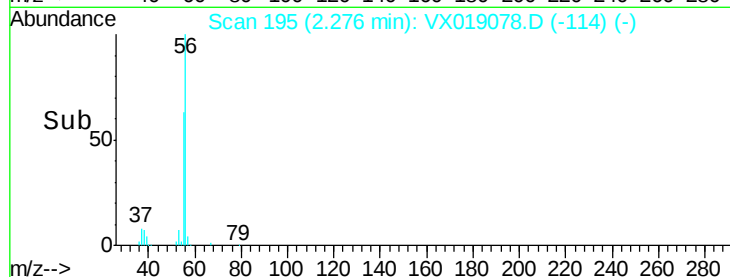
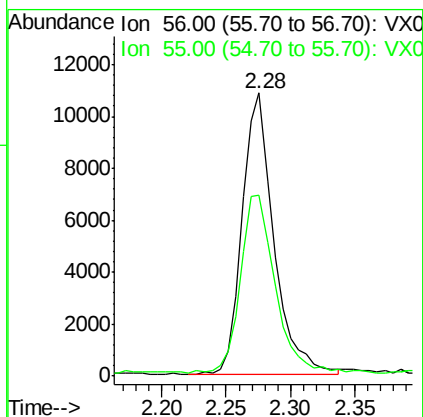
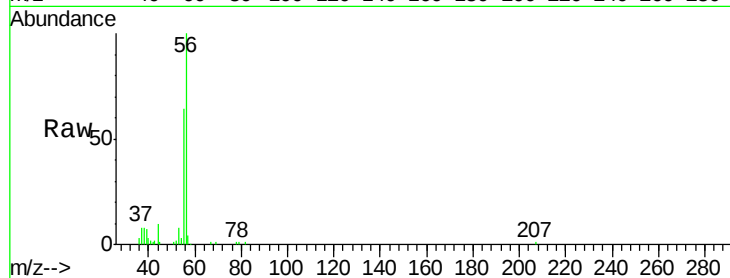
55 71.4 58.2 87.2

Manual Integrations

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#14

Acrylonitrile

Concen: 99.349 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

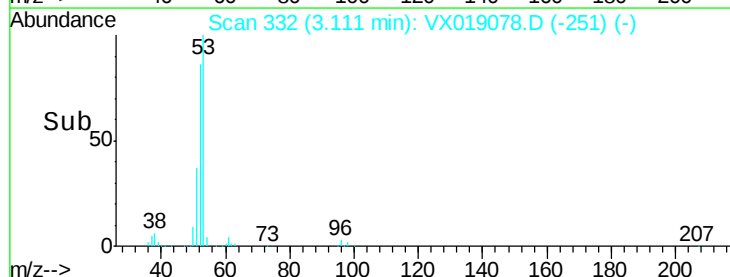
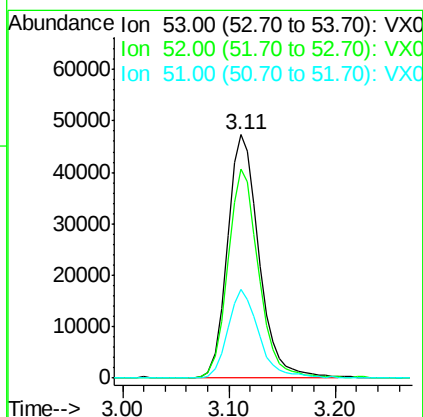
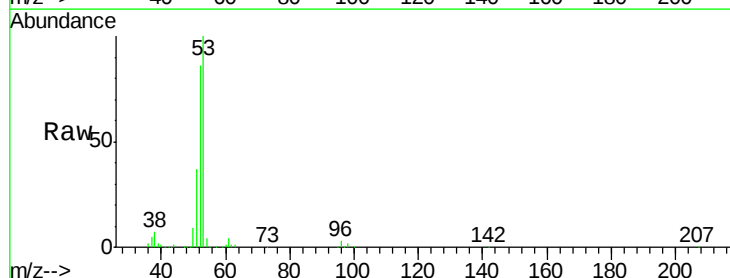
Tgt Ion: 53 Resp: 98389

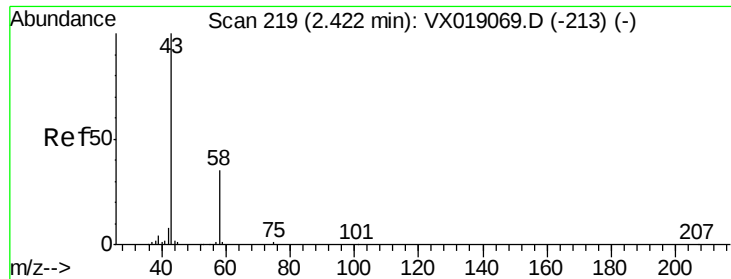
Ion Ratio Lower Upper

53 100

52 83.3 41.0 123.0

51 35.9 18.2 54.6





#15

Acetone

Concen: 107.904 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion: 58 Resp: 30612

Ion Ratio Lower Upper

58 100

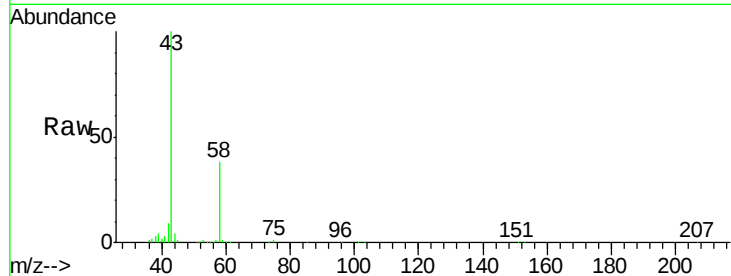
43 263.1 226.7 340.1

Manual Integrations

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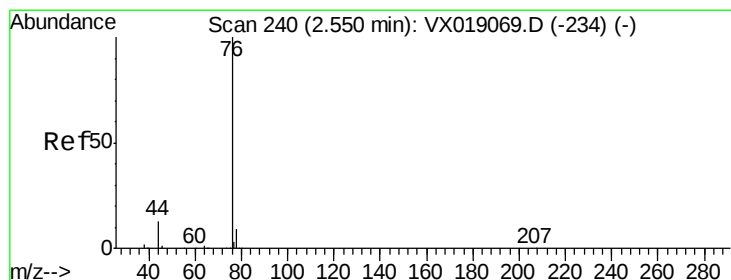
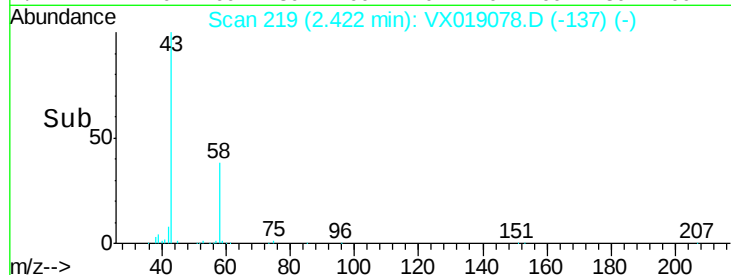
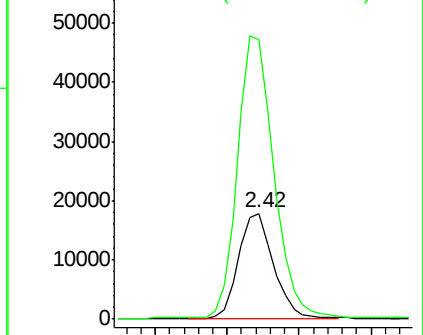
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.105 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019078.D

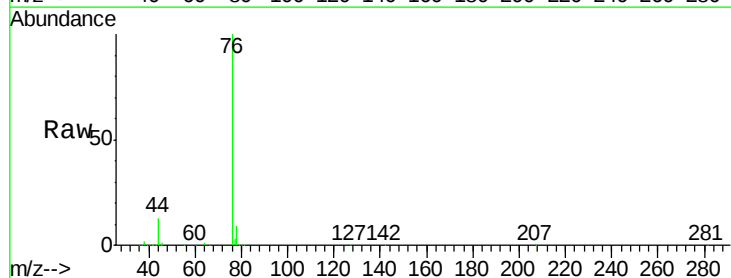
Acq: 23 Oct 2020 14:42

Tgt Ion: 76 Resp: 107157

Ion Ratio Lower Upper

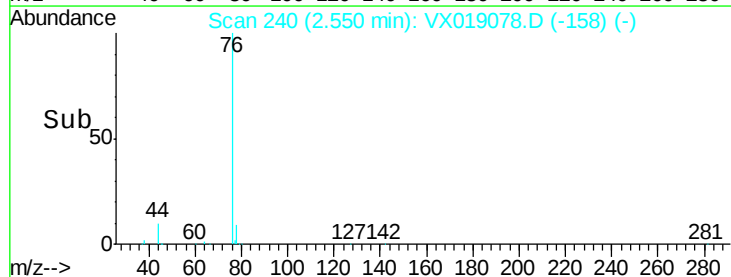
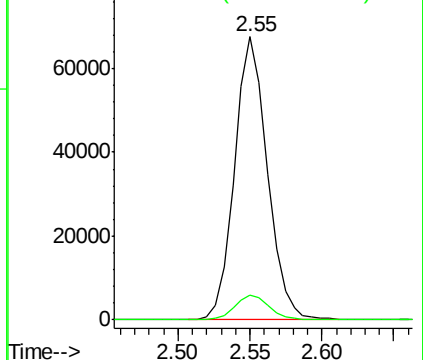
76 100

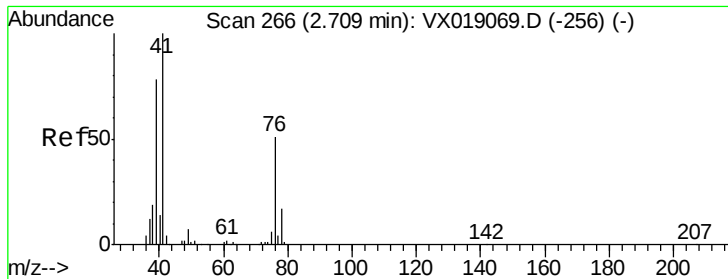
78 9.0 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





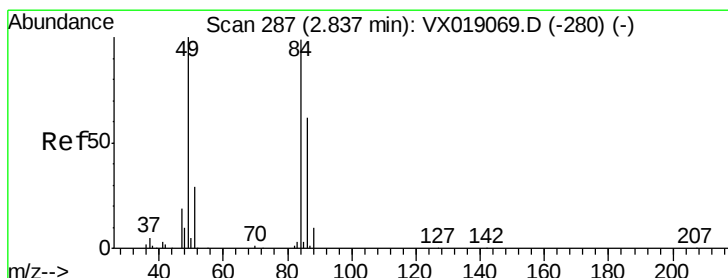
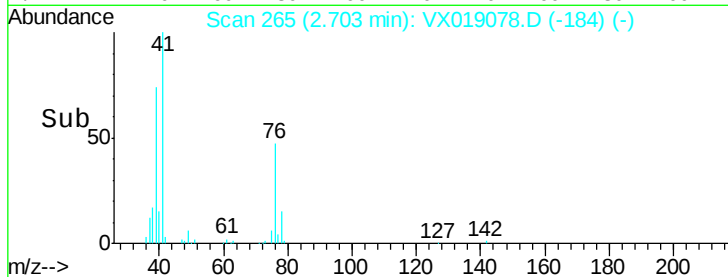
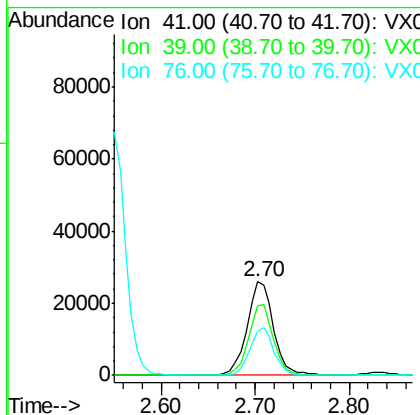
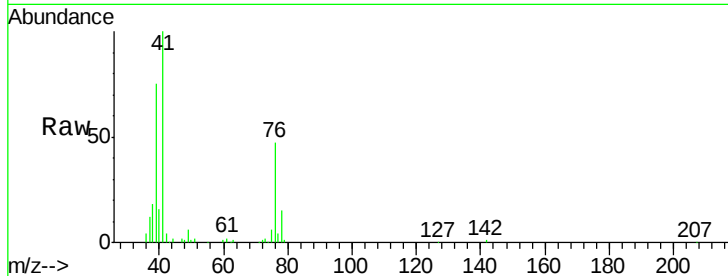
#17
Allvl chloride
Concen: 19.264 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		51241		
39	74.6	38.8	116.3		
76	47.0	25.8	77.4		

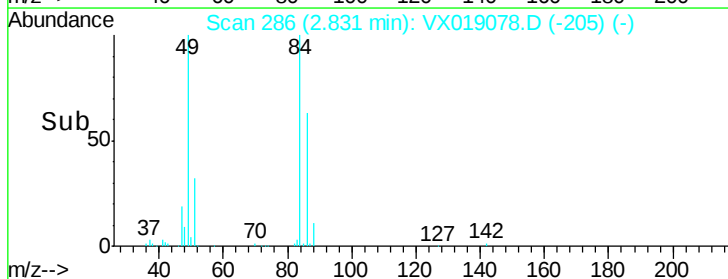
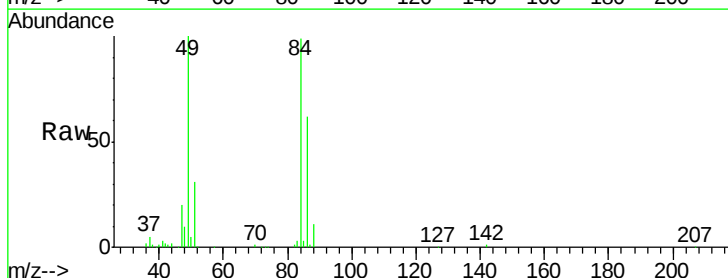
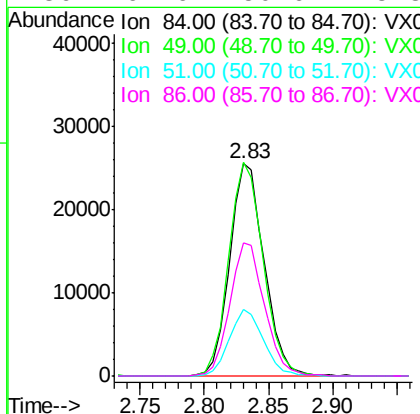
Manual Integrations
APPROVED

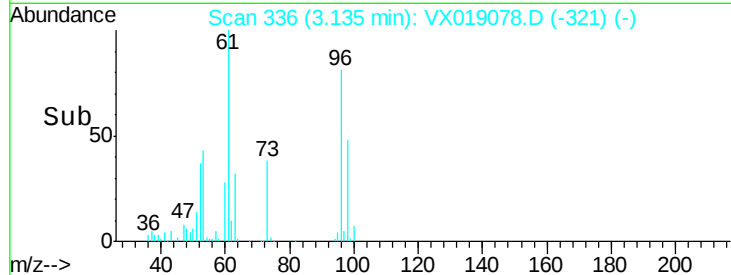
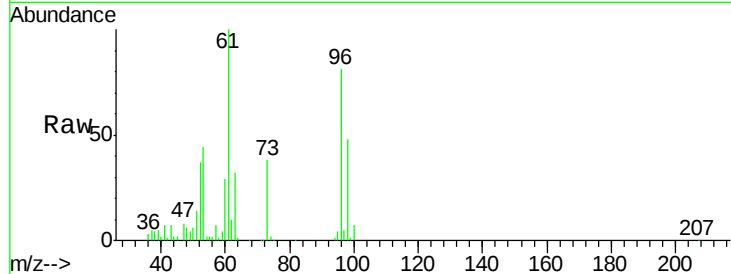
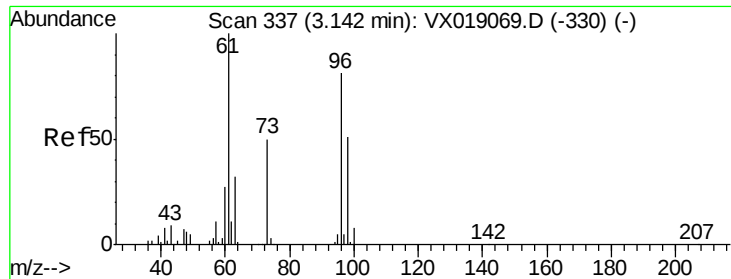
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#18
Methylene Chloride
Concen: 19.531 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
84	100		47430		
49	100.7	80.9	121.3		
51	31.7	23.8	35.6		
86	62.6	50.6	75.8		





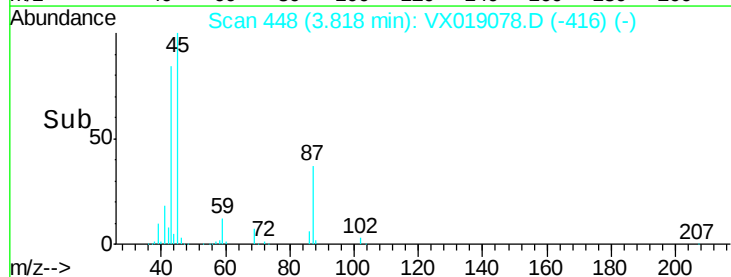
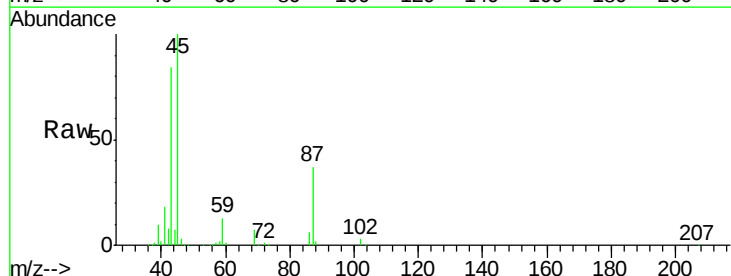
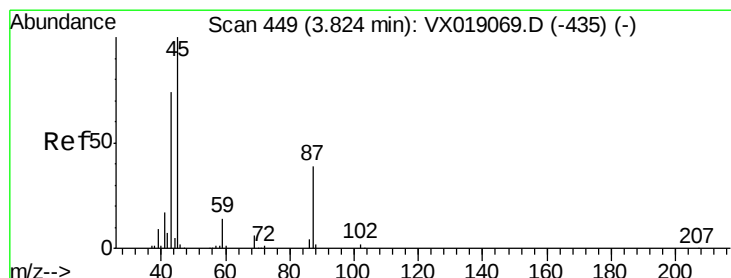
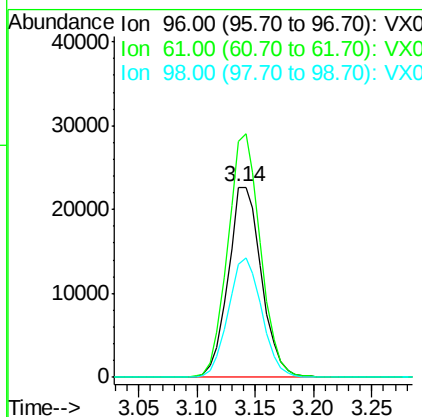
#19
trans-1,2-Dichloroethene
Concen: 18.209 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.8	98.4	147.6
98	59.5	49.9	74.9

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

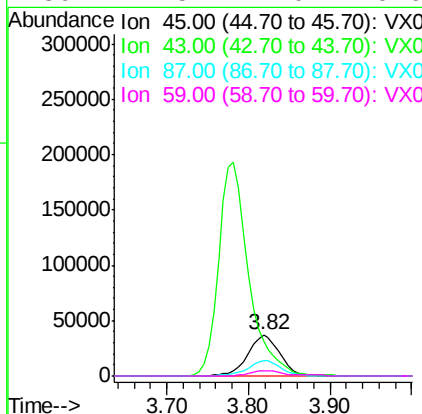
Manual Integrations
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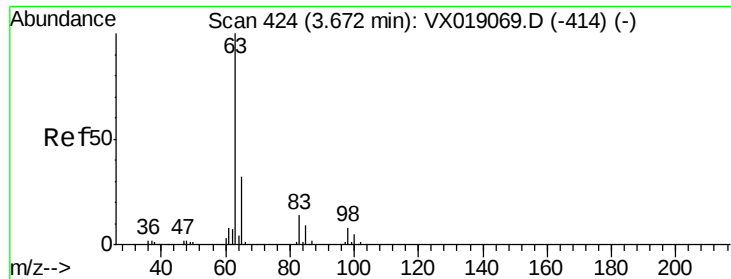
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#20
Diisopropyl ether
Concen: 18.986 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	83.6	60.6	91.0
87	36.7	30.9	46.3
59	12.5	11.0	16.6





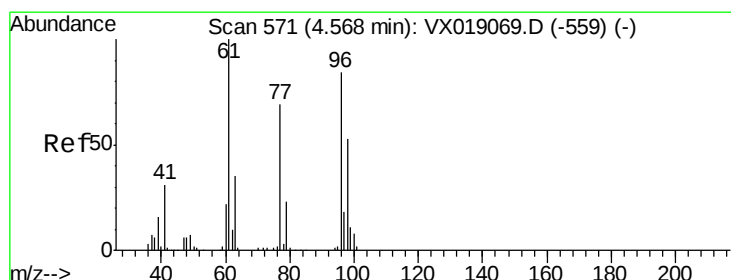
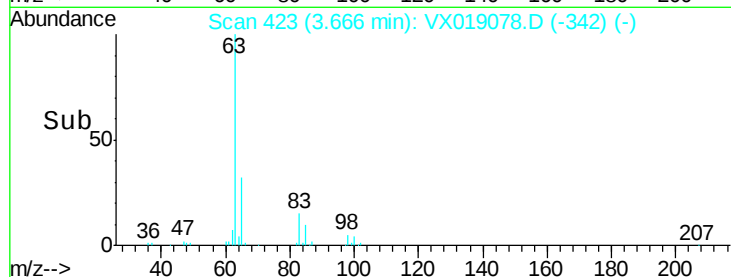
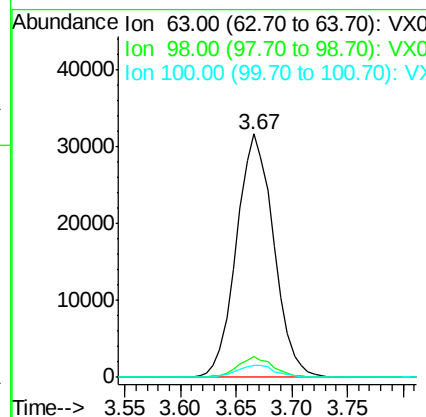
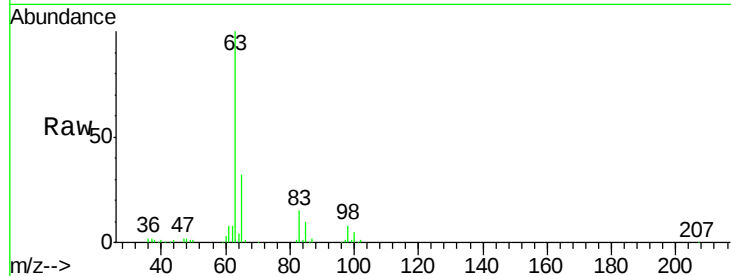
#21
 1,1-Dichloroethane
 Concen: 18.665 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.9	11.7
100	4.7	2.4	7.2

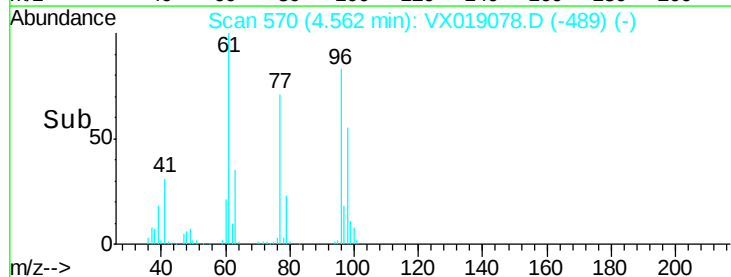
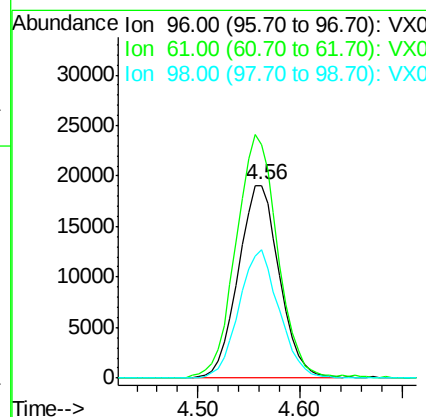
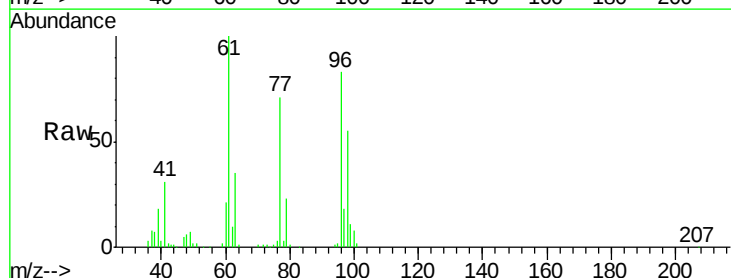
Manual Integrations
 APPROVED

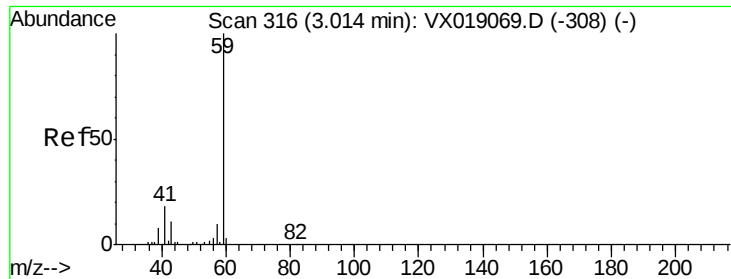
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#22
 cis-1,2-Dichloroethene
 Concen: 18.566 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.6	101.9	152.9
98	64.8	51.3	76.9





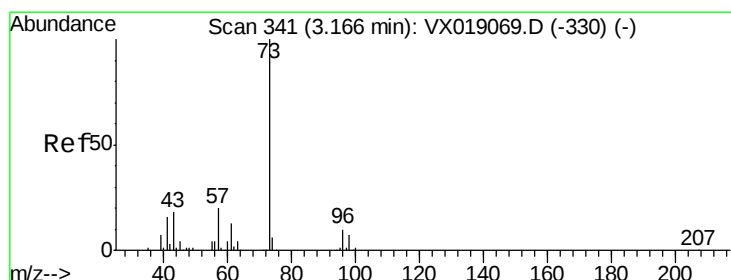
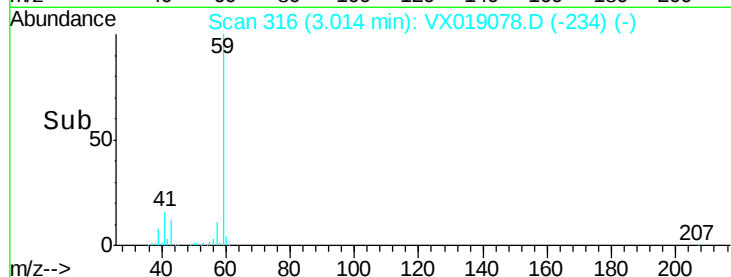
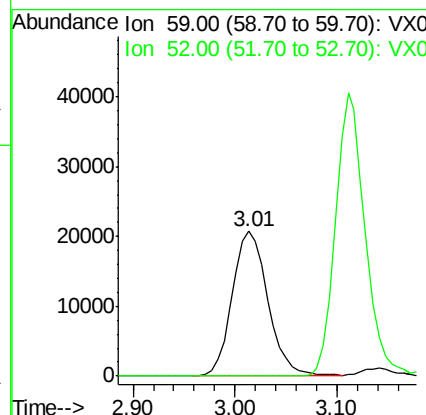
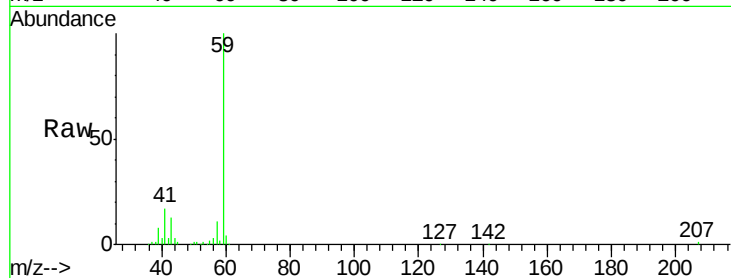
#23
tert-Butyl Alcohol
Concen: 104.790 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion: 59 Resp: 50312
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4#

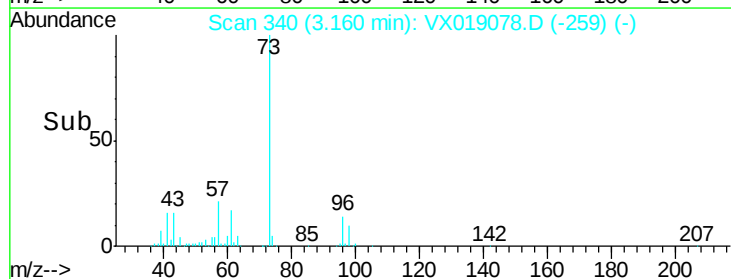
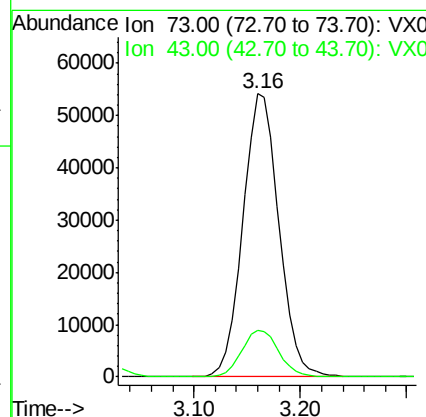
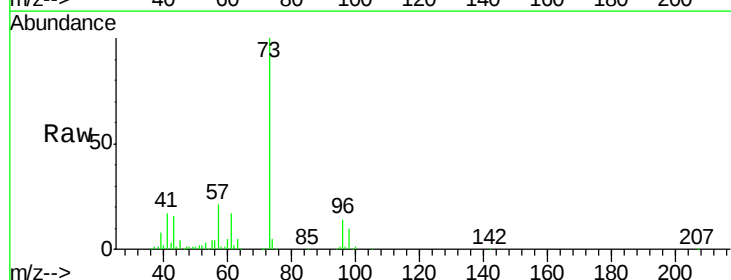
Manual Integrations
APPROVED

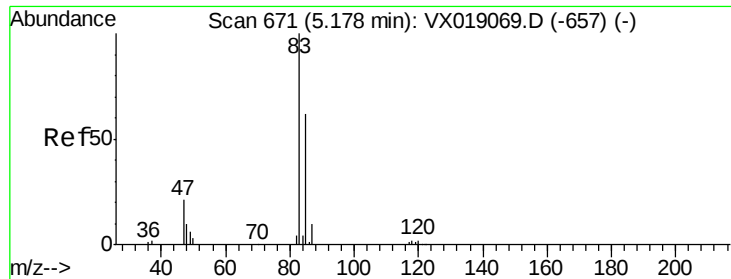
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#24
Methyl tert-Butyl Ether
Concen: 19.106 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion: 73 Resp: 128649
Ion Ratio Lower Upper
73 100
43 16.6 13.9 20.9





#25

Chloroform

Concen: 18.939 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion: 83 Resp: 83018

Ion Ratio Lower Upper

83 100

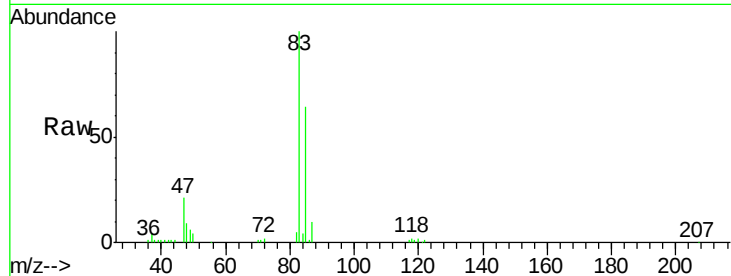
85 63.5 49.8 74.8

Manual Integrations

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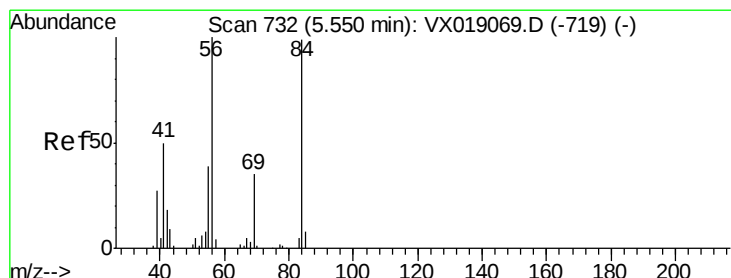
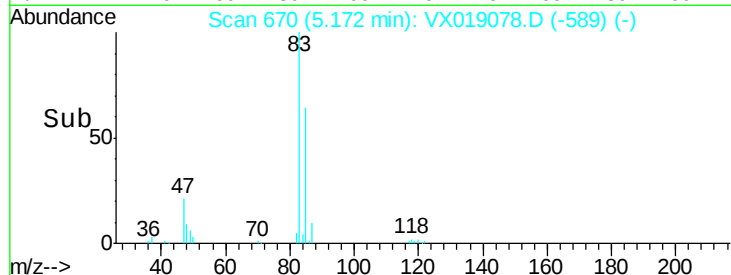
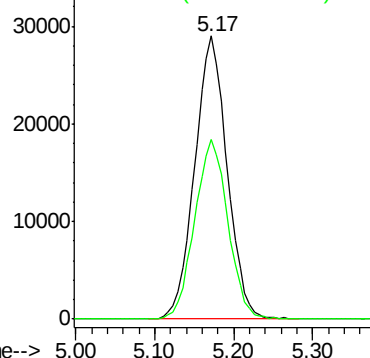
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.311 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

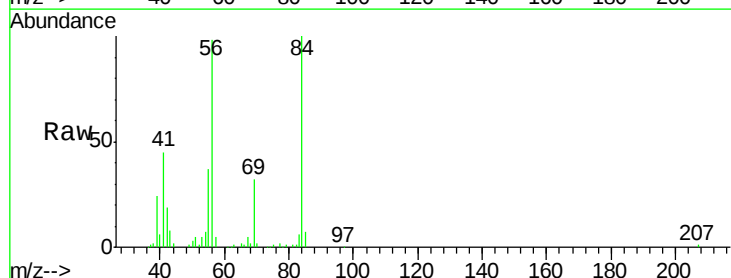
Tgt Ion: 56 Resp: 56294

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

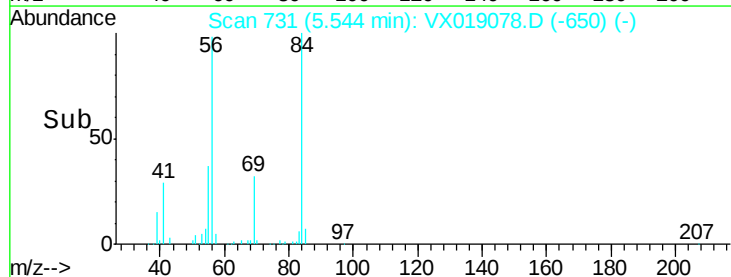
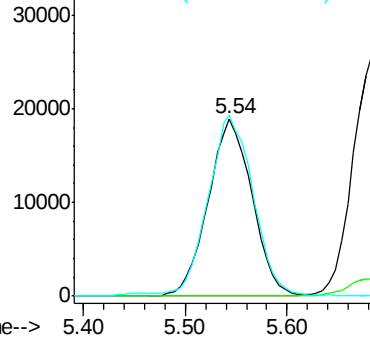
84 103.2 83.7 125.5

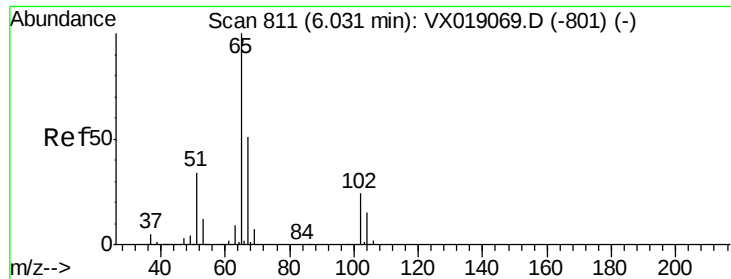


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





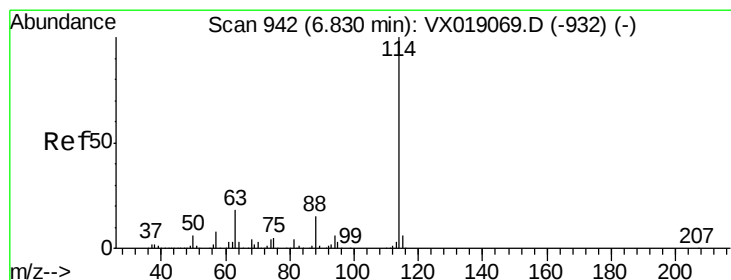
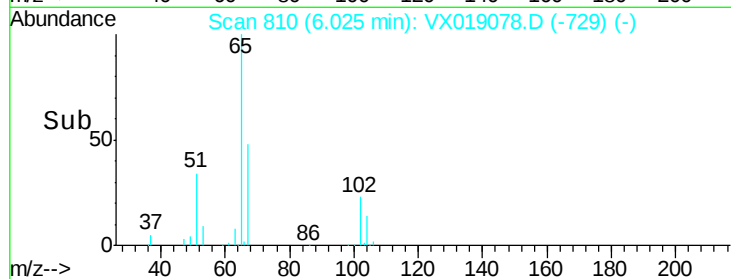
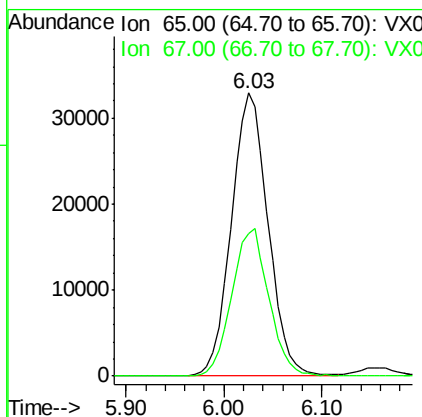
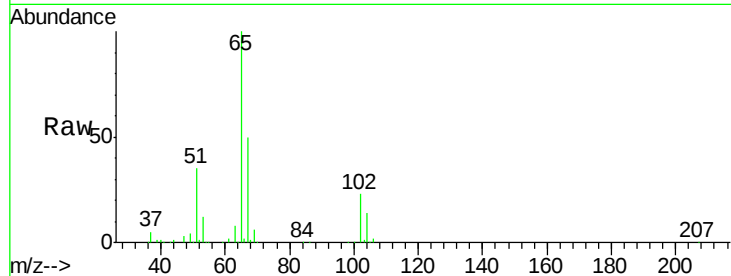
#27
 1,2-Dichloroethane-d4
 Concen: 30.409 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	42.0	63.0

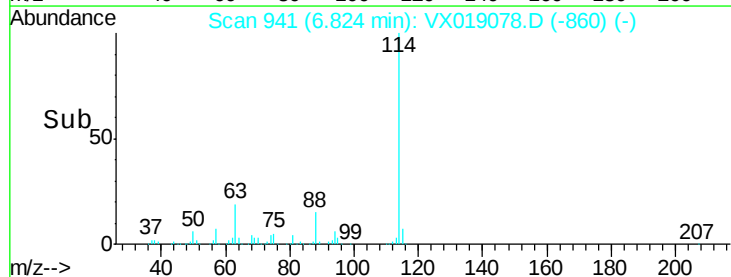
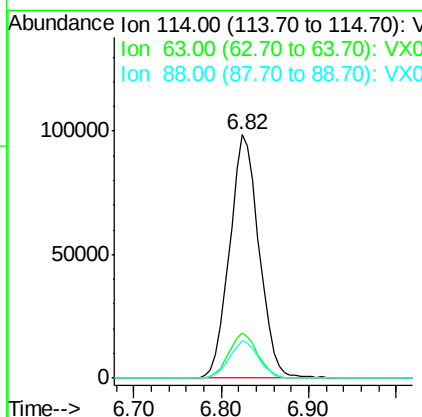
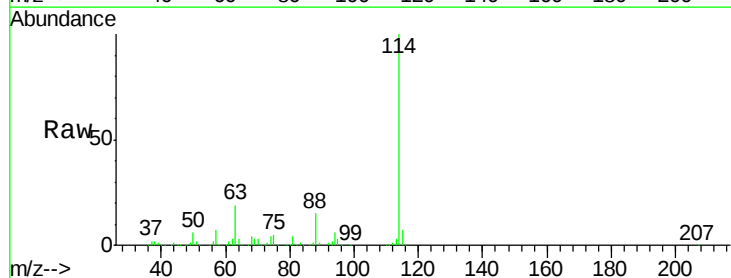
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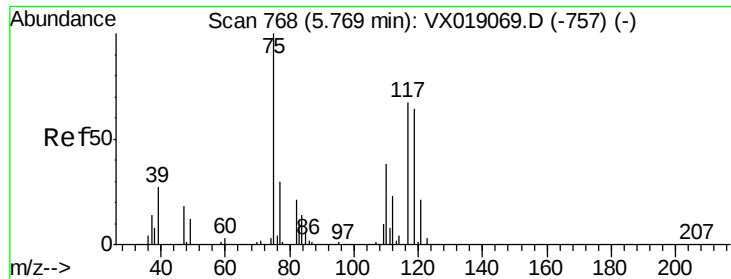
MMDadoda
 10/26/2020 2:28:03 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	14.6	21.8
88	15.2	12.2	18.2





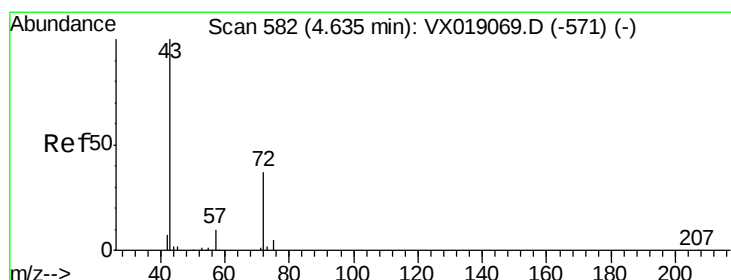
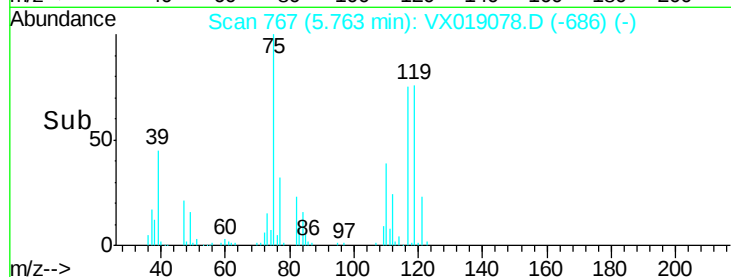
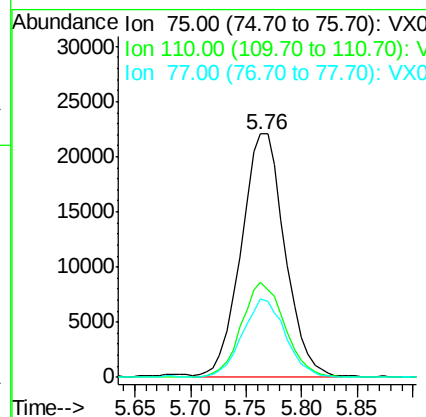
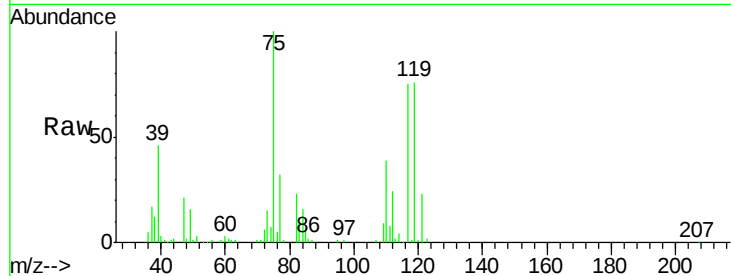
#29
 1,1-Dichloropropene
 Concen: 18.568 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Tot Ion:	75	Resp:	60431
Ion Ratio	Lower	Upper	
75	100		
110	38.5	0.0	77.4
77	31.3	0.0	62.8

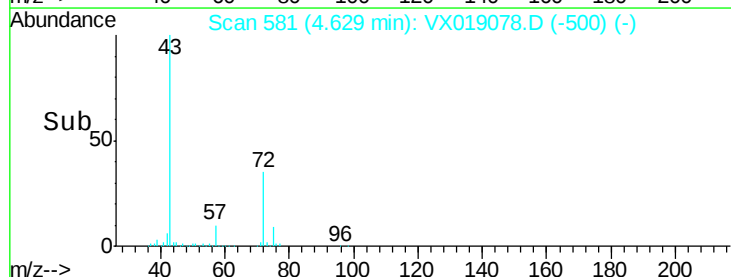
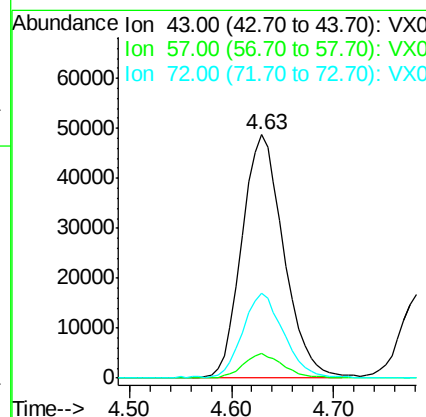
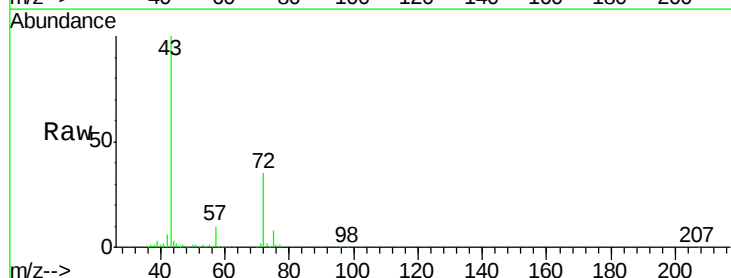
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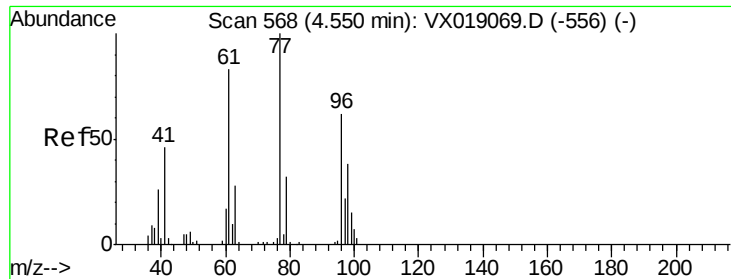
MMDadoda
 10/26/2020 2:28:03 PM



#30
 2-Butanone
 Concen: 106.176 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion:	43	Resp:	137665
Ion Ratio	Lower	Upper	
43	100		
57	9.7	7.8	11.6
72	34.1	28.1	42.1





#31

2,2-Dichloropropane

Concen: 18.400 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion: 77 Resp: 68519

Ion Ratio Lower Upper

77 100

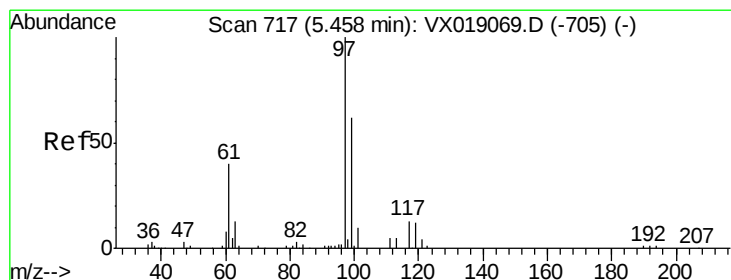
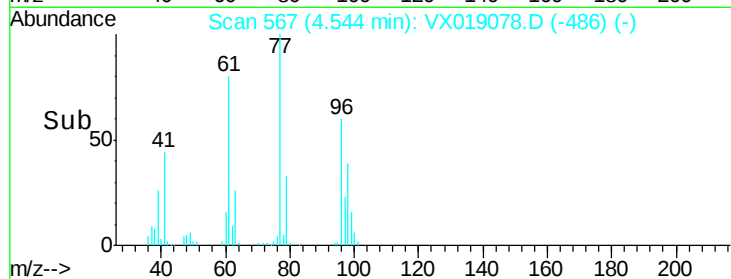
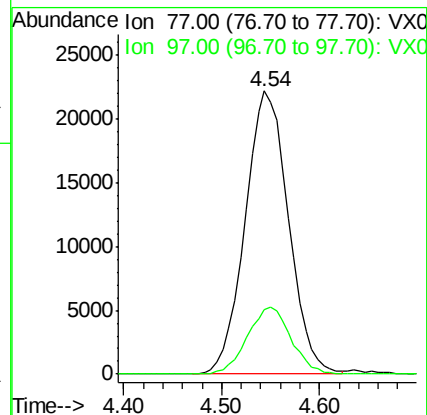
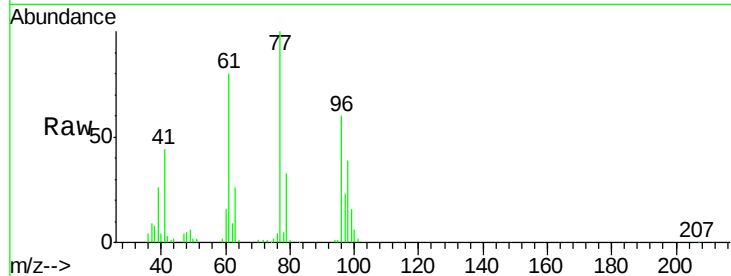
97 23.7 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 18.532 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

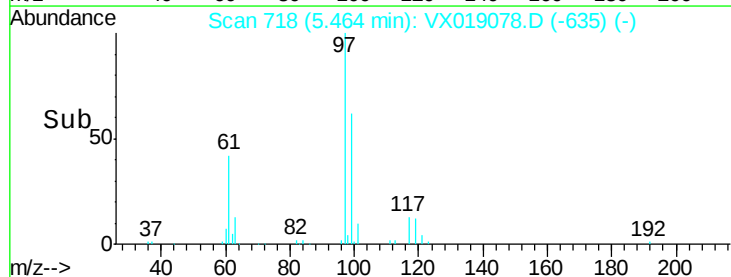
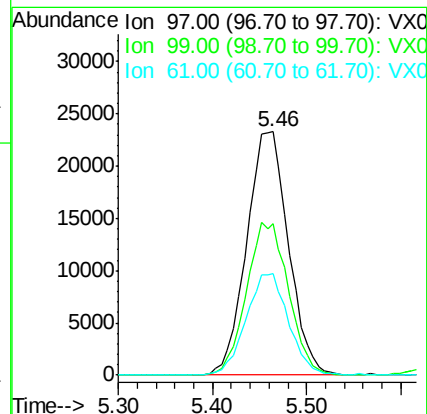
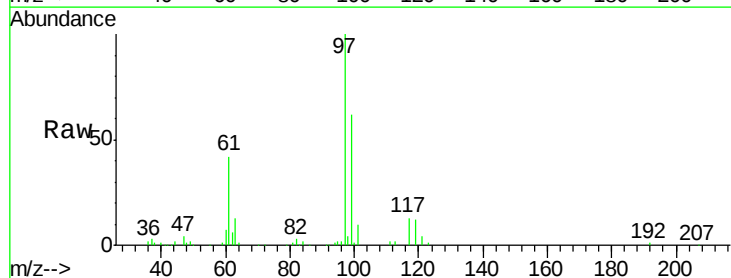
Tgt Ion: 97 Resp: 72493

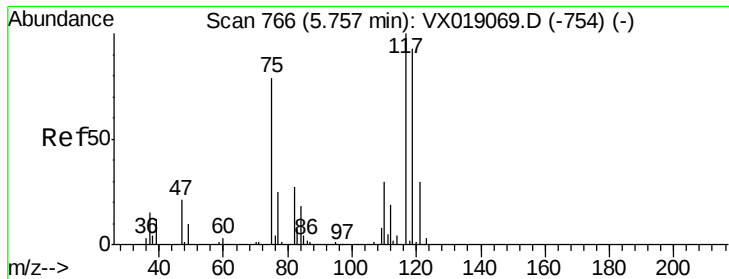
Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.6

61 42.0 32.0 48.0





#33

Carbon Tetrachloride

Concen: 18.116 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

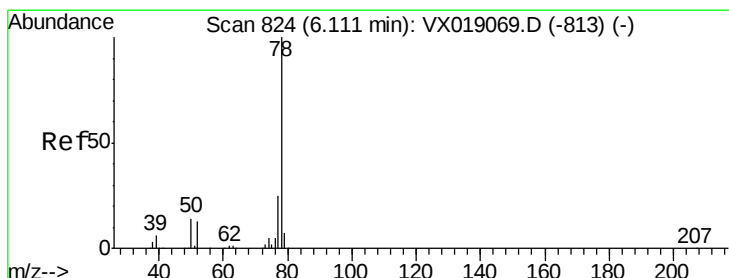
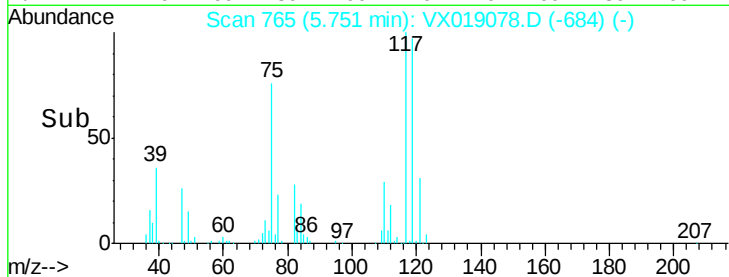
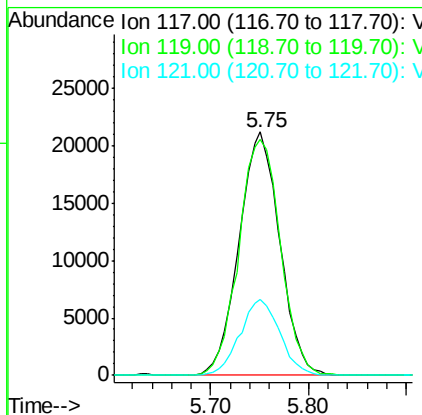
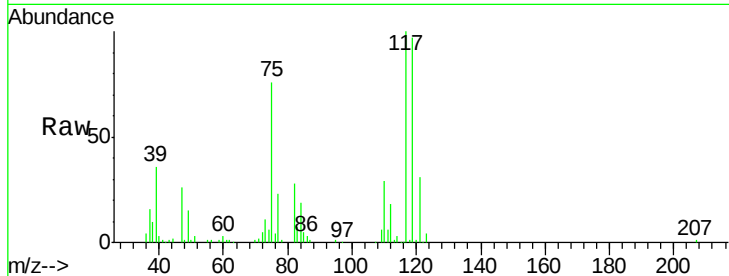
ClientSampleId :

VX1023WBSD01

Tot Ion:	117	Resp:	61498
Ion	Ratio	Lower	Upper
117	100		
119	97.1	74.5	111.7
121	31.1	24.1	36.1

Manual Integrations
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#34

Benzene

Concen: 19.020 ug/l

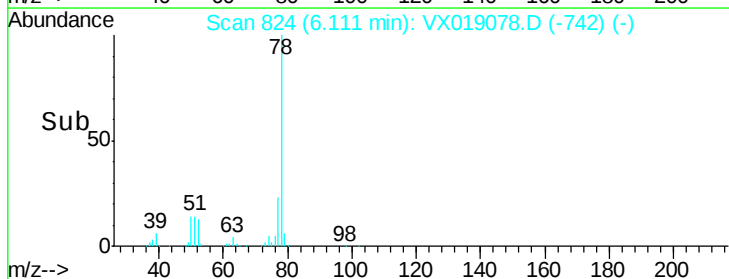
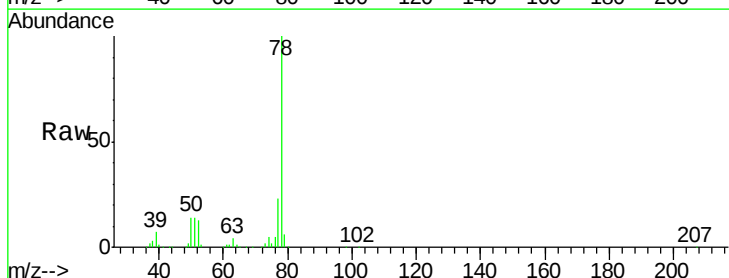
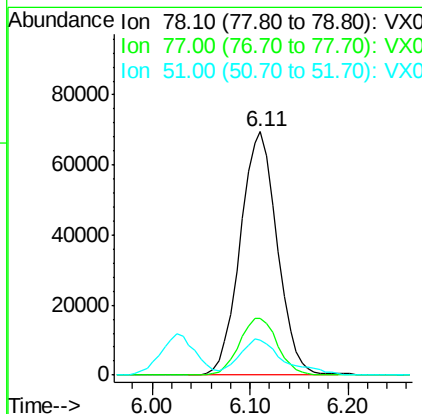
RT: 6.11 min Scan# 824

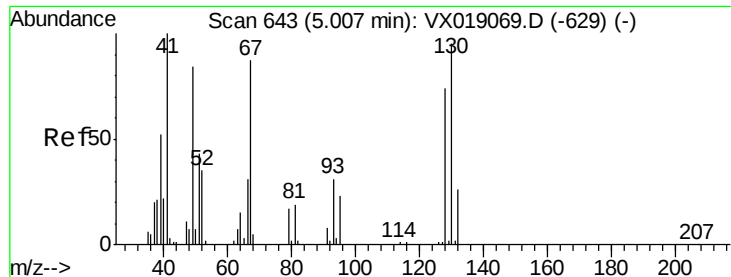
Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Tgt Ion:	78	Resp:	182142
Ion	Ratio	Lower	Upper
78	100		
77	23.0	20.1	30.1
51	13.9	11.0	16.4





#35

Methacrylonitrile

Concen: 19.403 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion: 41 Resp: 27234

Ion Ratio Lower Upper

41 100

39 55.1 25.8 77.4

67 92.3 43.6 130.8

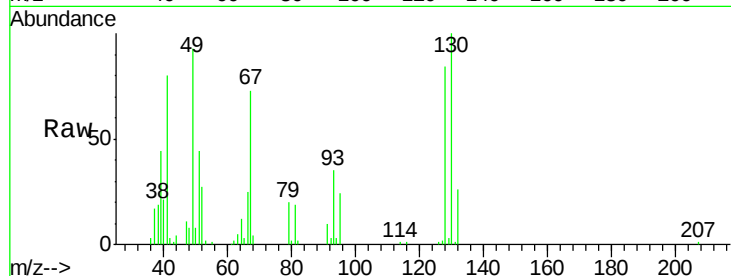
52 33.9 17.3 51.7

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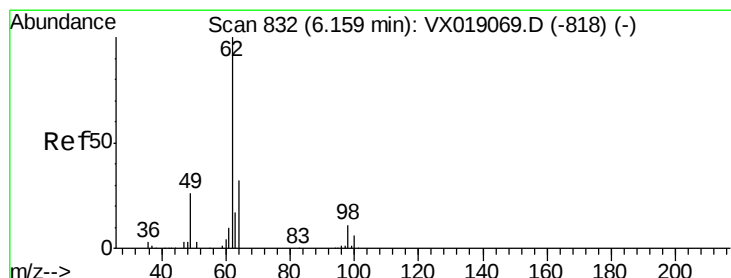
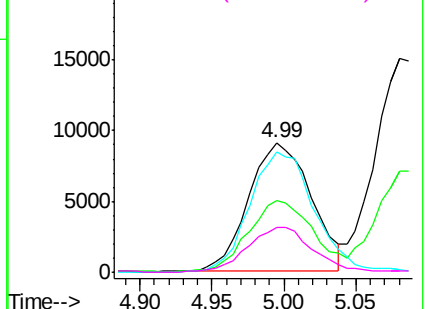
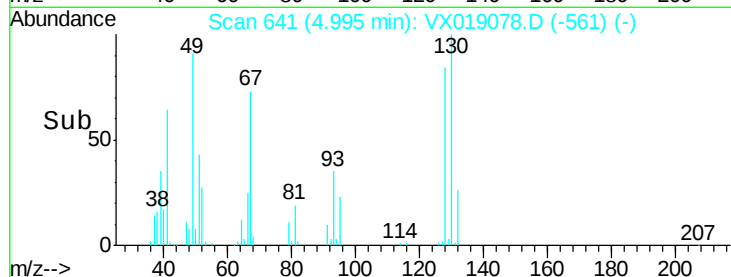


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 19.499 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX019078.D

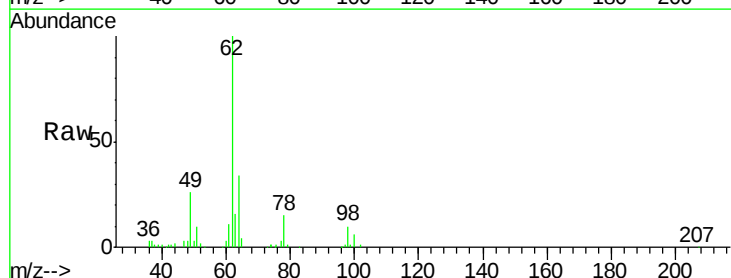
Acq: 23 Oct 2020 14:42

Tgt Ion: 62 Resp: 64054

Ion Ratio Lower Upper

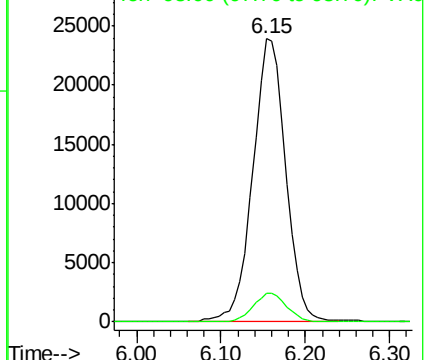
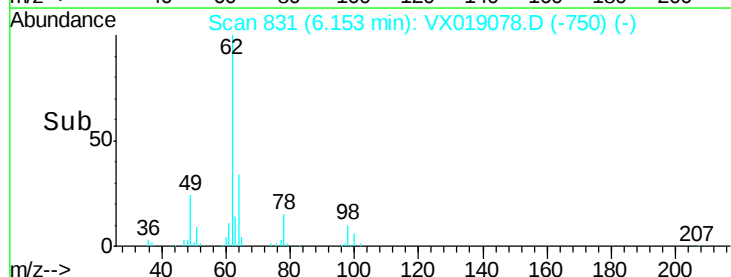
62 100

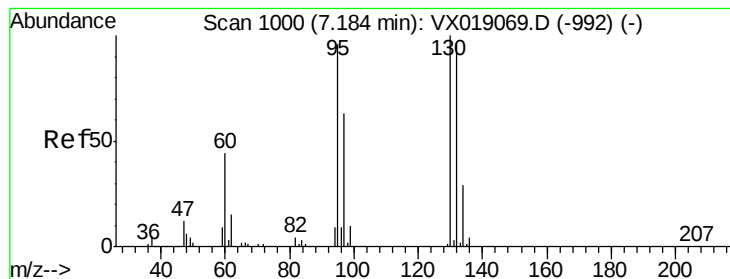
98 10.2 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 18.892 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion:130 Resp: 52001

Ion Ratio Lower Upper

130 100

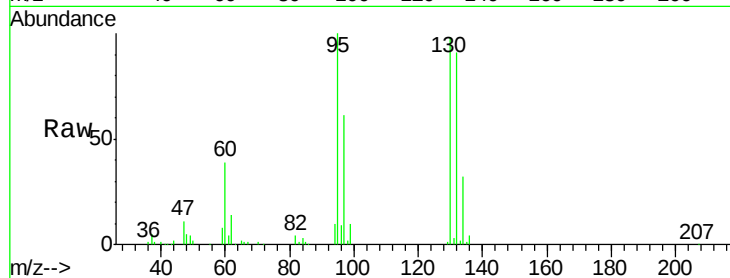
95 101.8 76.8 115.2

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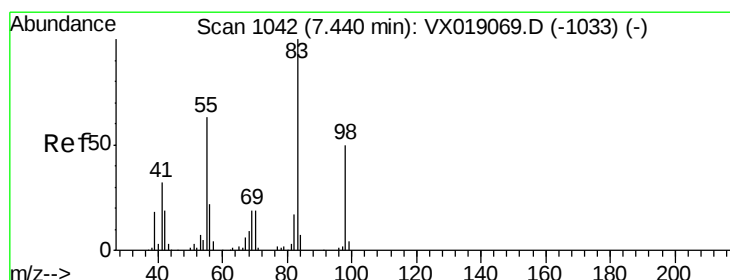
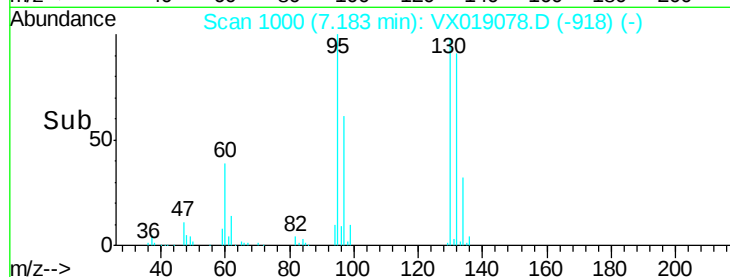
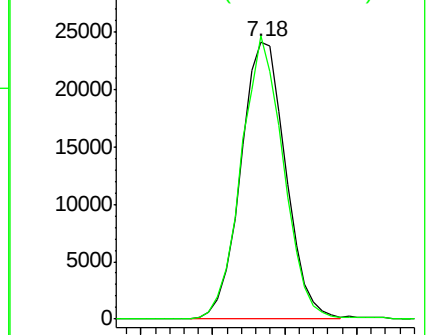
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.861 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

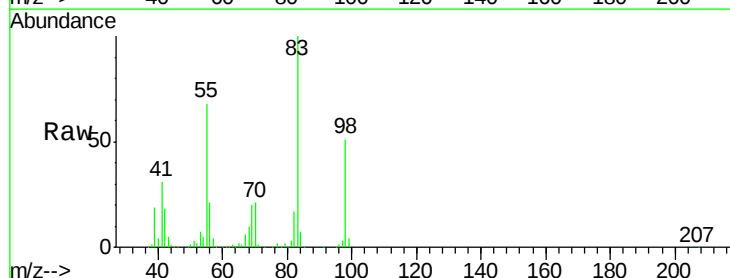
Tgt Ion: 83 Resp: 68807

Ion Ratio Lower Upper

83 100

55 66.1 32.3 96.8

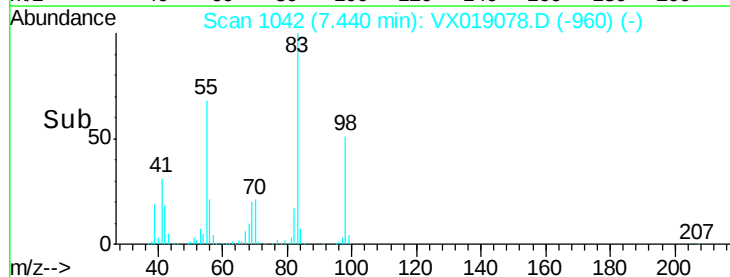
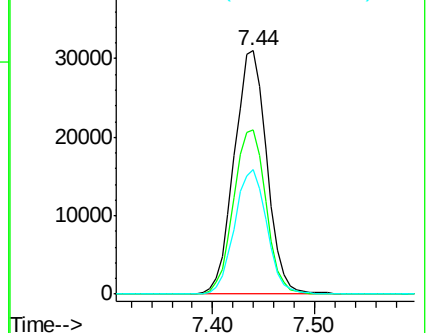
98 50.9 25.7 77.1

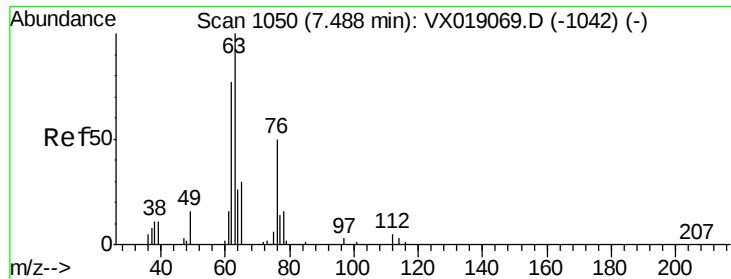


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





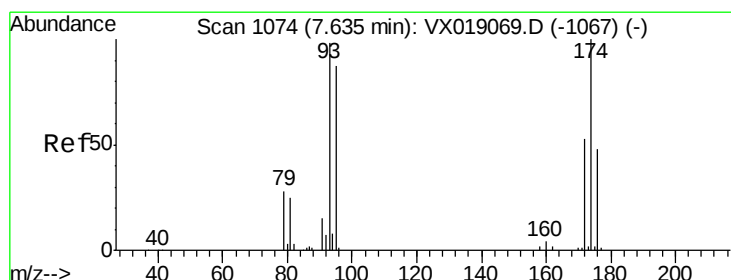
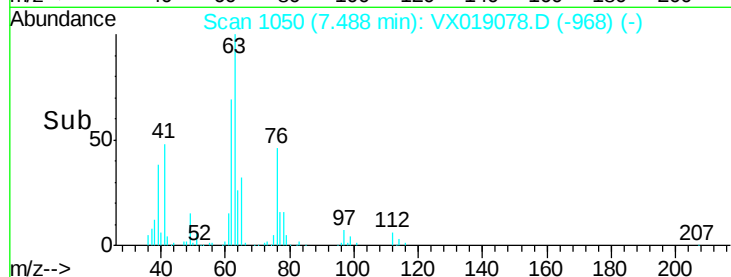
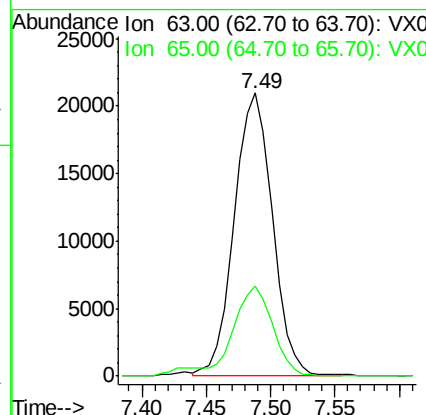
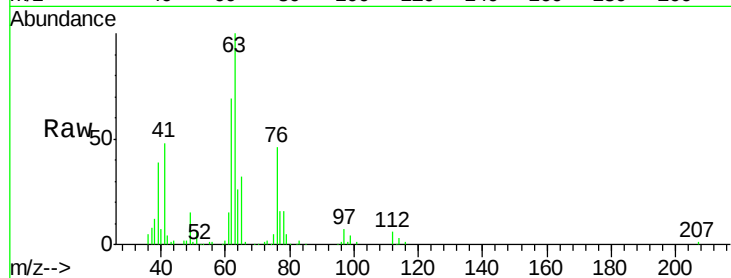
#39
 1,2-Dichloropropane
 Concen: 19.540 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	63	100	43435		
65	65	31.9		25.8	38.8

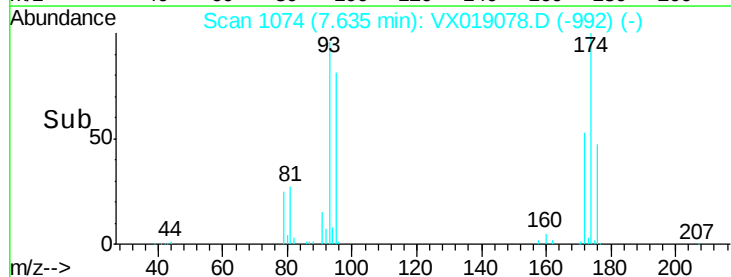
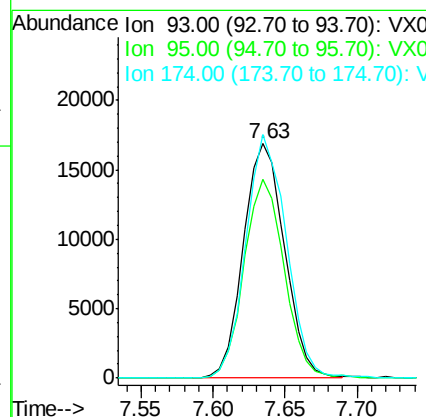
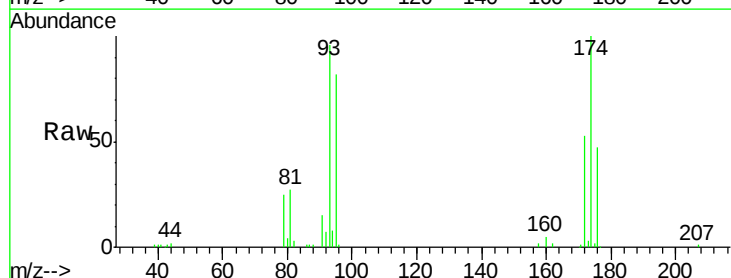
Manual Integrations
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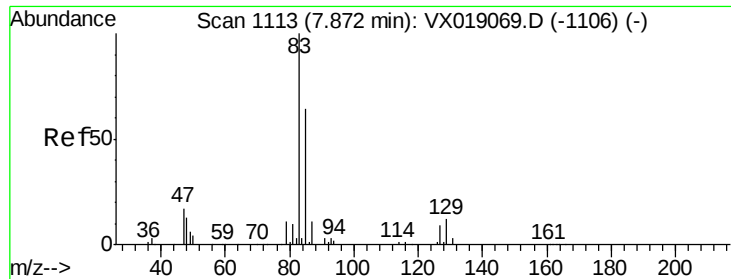
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#40
 Dibromomethane
 Concen: 19.408 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	93	100	33481		
95	95	83.0		0.0	169.0
174	174	102.1		0.0	205.4





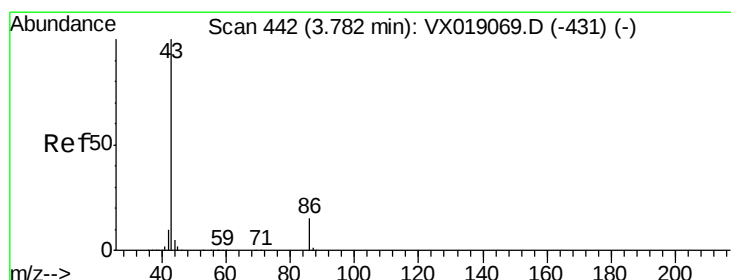
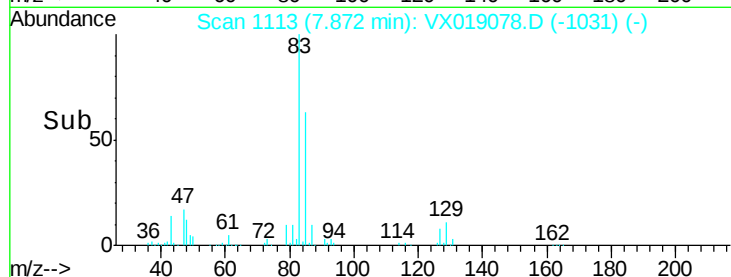
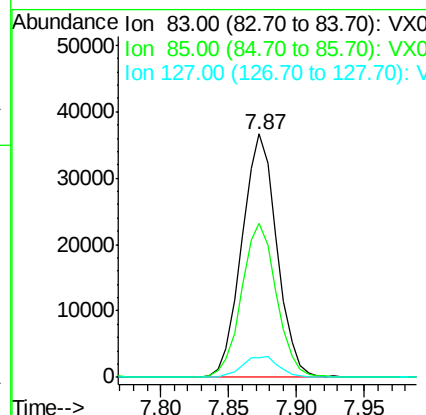
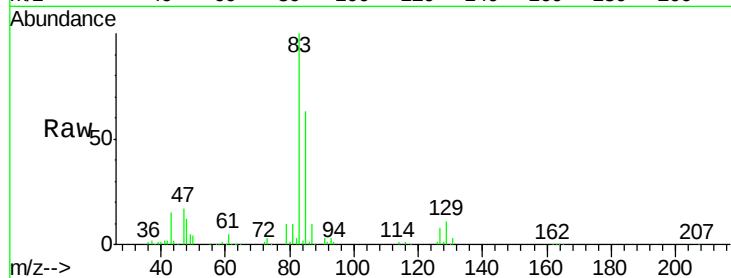
#41
Bromodichloromethane
Concen: 19.322 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.2	76.8
127	8.2	7.1	10.7

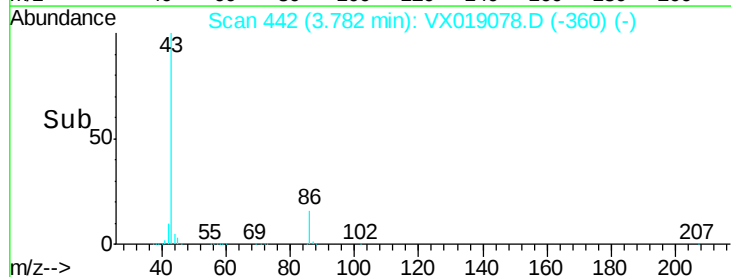
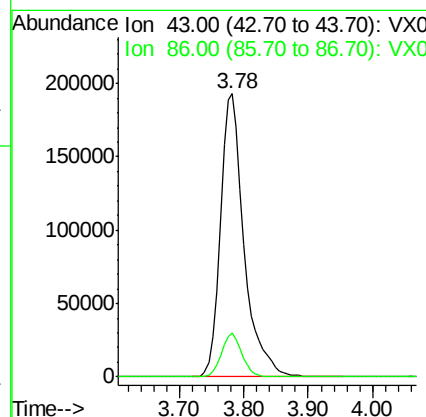
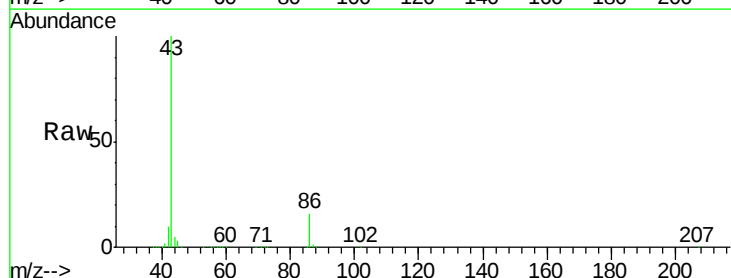
Manual Integrations
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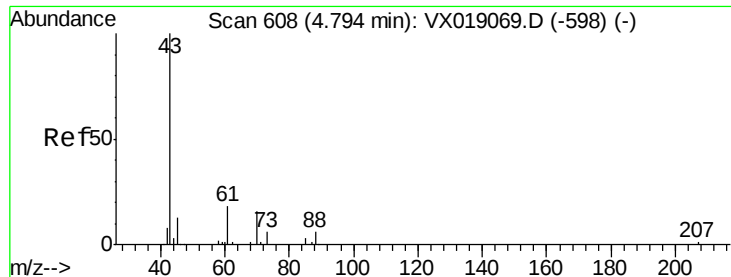
MMDadoda
10/26/2020 2:28:03 PM



#42
Vinyl Acetate
Concen: 98.368 ug/l
RT: 3.78 min Scan# 442
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
43	100		
86	13.5	10.6	15.8





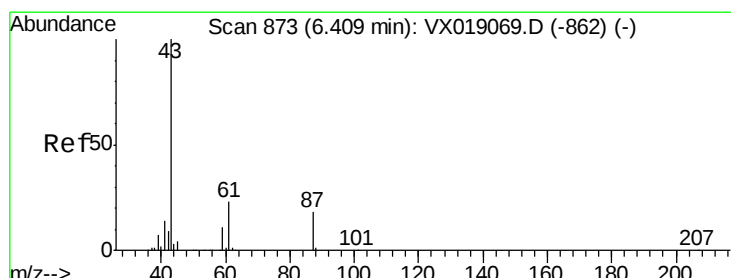
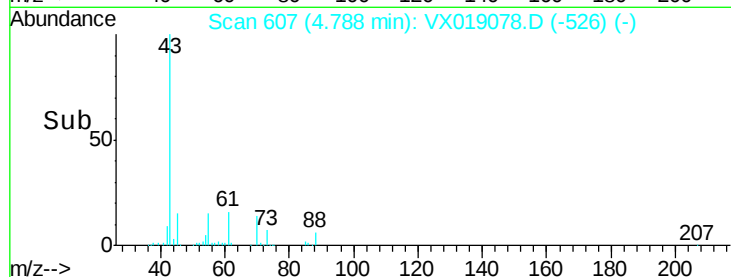
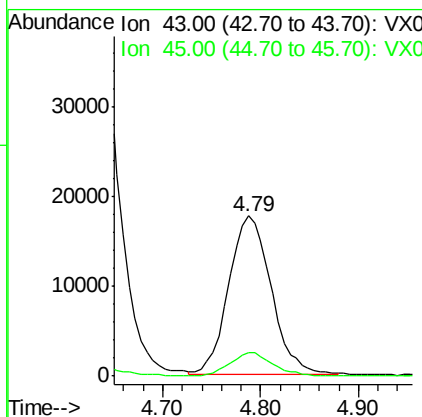
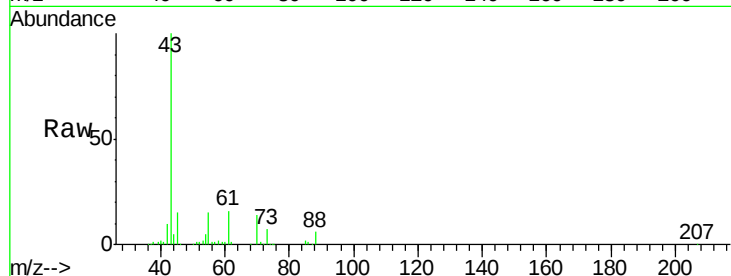
#43
Ethyl Acetate
Concen: 19.708 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion: 43 Resp: 53606
Ion Ratio Lower Upper
43 100
45 15.2 12.7 19.1

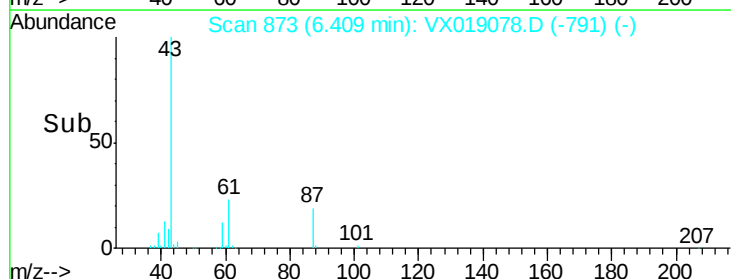
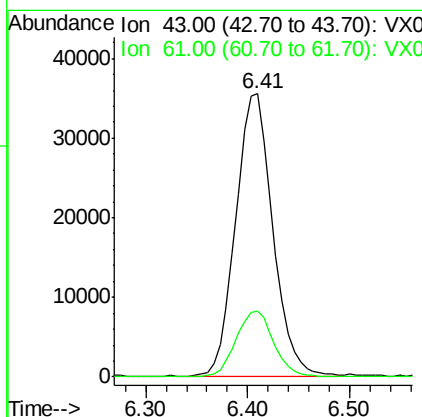
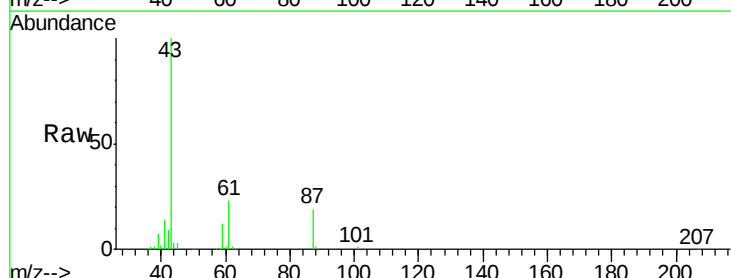
Manual Integrations
APPROVED

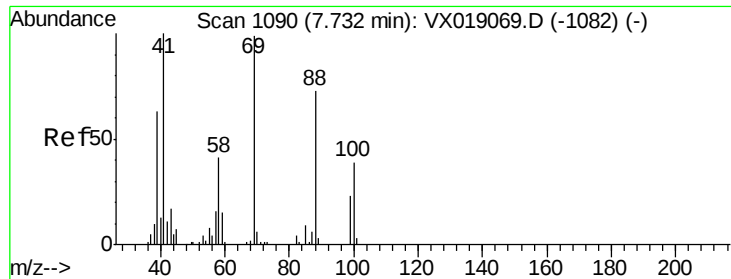
MMDadoda
10/26/2020 2:28:03 PM



#44
Isopropyl Acetate
Concen: 19.683 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion: 43 Resp: 89649
Ion Ratio Lower Upper
43 100
61 23.8 19.1 28.7





#45

1,4-Dioxane

Concen: 402.263 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

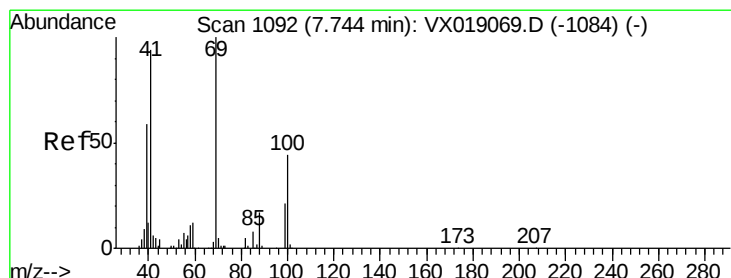
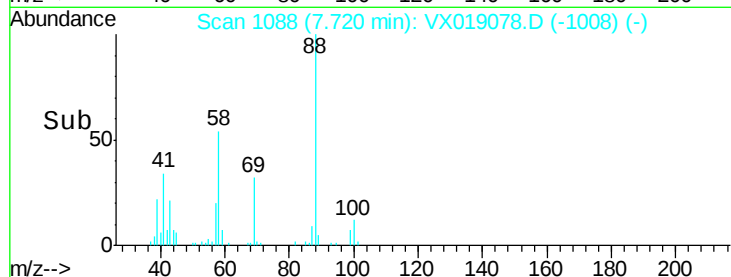
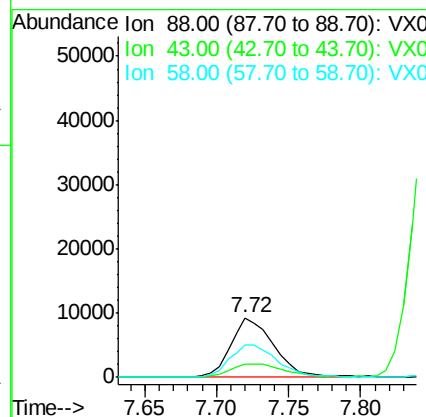
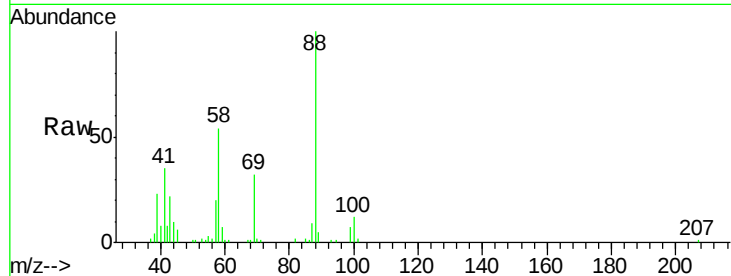
ClientSampleId :

VX1023WBSD01

Tot Ion:	88	Resp:	19258
Ion	Ratio	Lower	Upper
88	100		
43	26.5	20.5	30.7
58	59.8	47.4	71.2

Manual Integrations
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#46

Methyl methacrylate

Concen: 19.888 ug/l

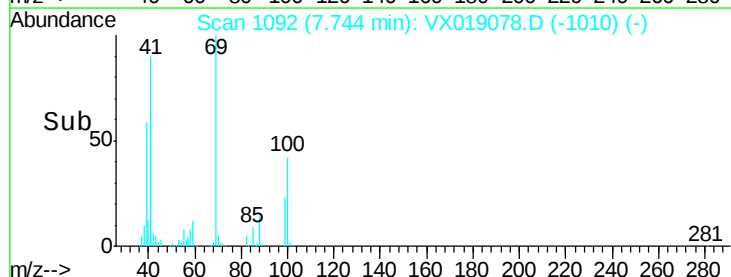
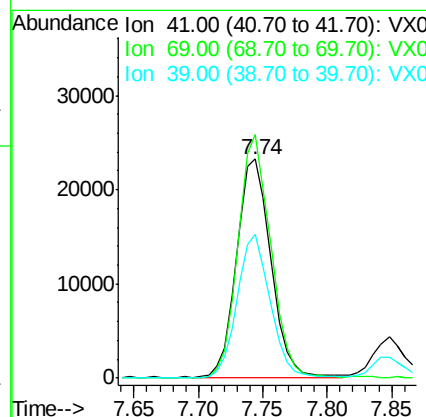
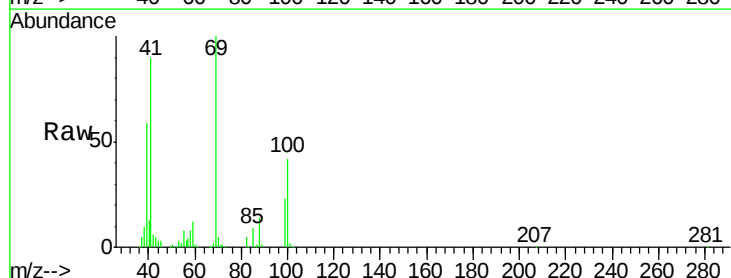
RT: 7.74 min Scan# 1092

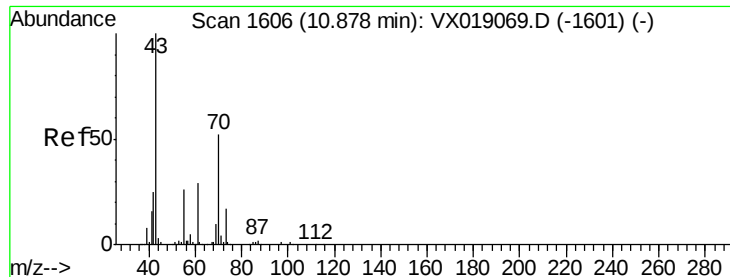
Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Tgt Ion:	41	Resp:	42873
Ion	Ratio	Lower	Upper
41	100		
69	111.5	53.1	159.4
39	65.2	31.3	93.9





#47

n-amvl Acetate

Concen: 20.785 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion: 43 Resp: 75936

Ion Ratio Lower Upper

43 100

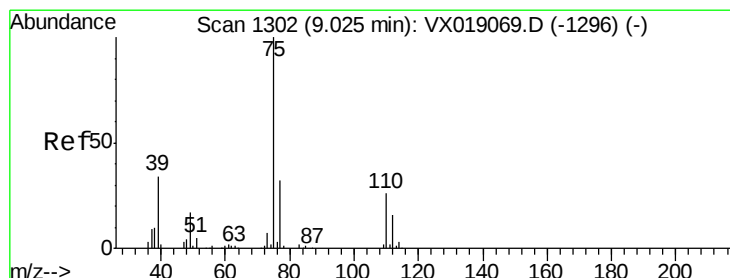
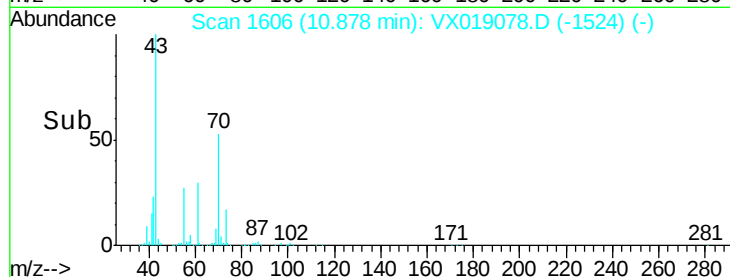
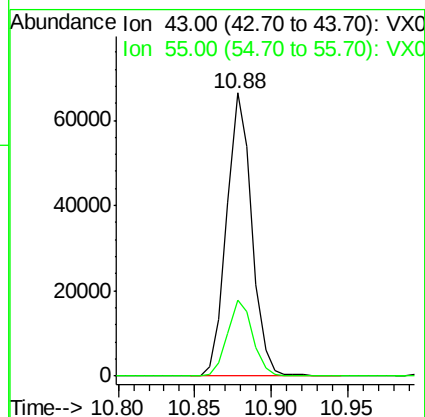
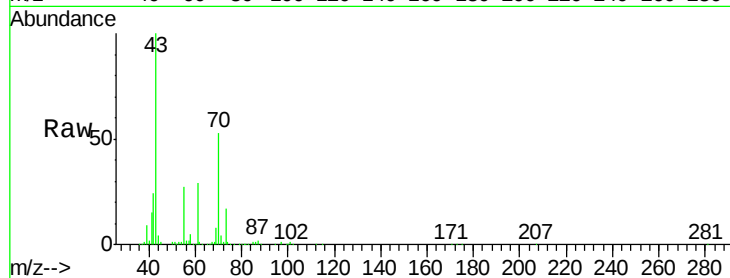
55 27.4 21.5 32.3

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.239 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019078.D

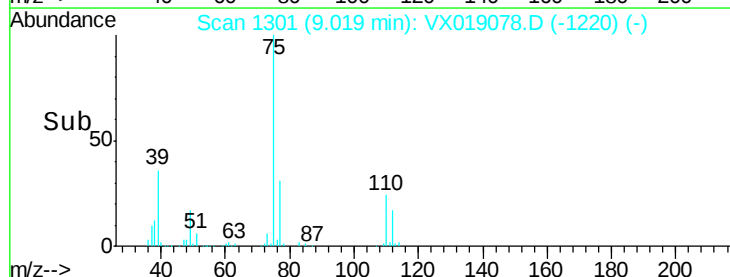
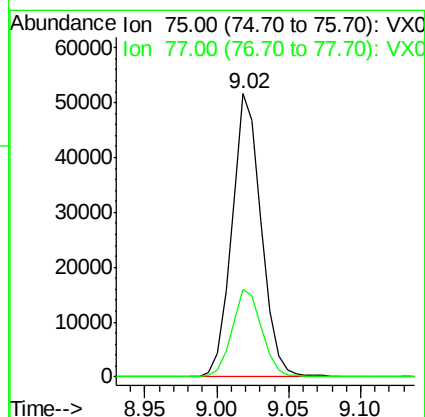
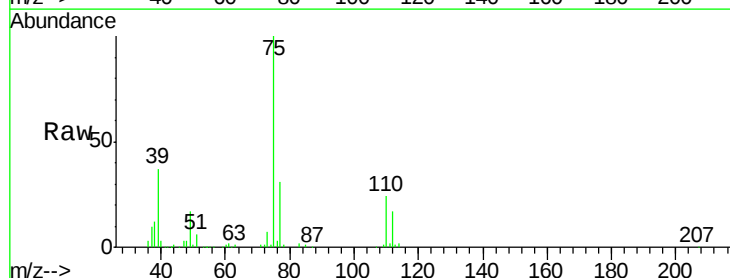
Acq: 23 Oct 2020 14:42

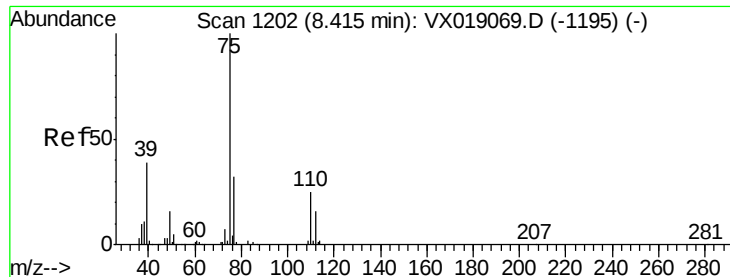
Tgt Ion: 75 Resp: 73461

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.671 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion: 75 Resp: 75862

Ion Ratio Lower Upper

75 100

77 34.5 25.8 38.8

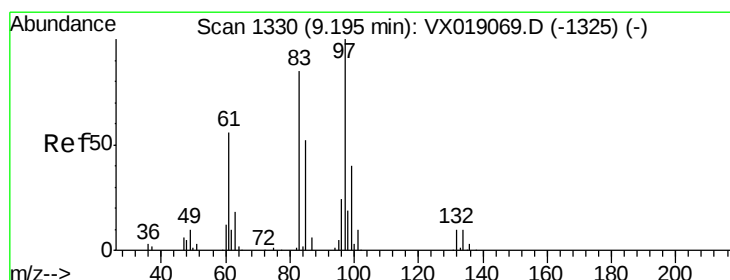
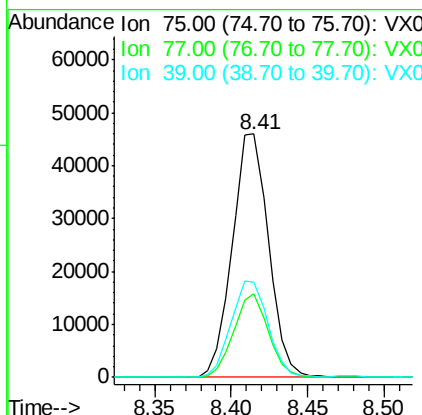
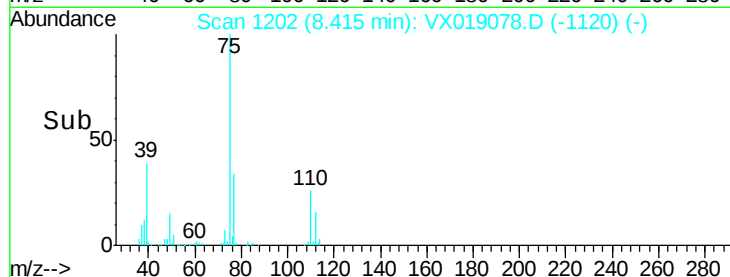
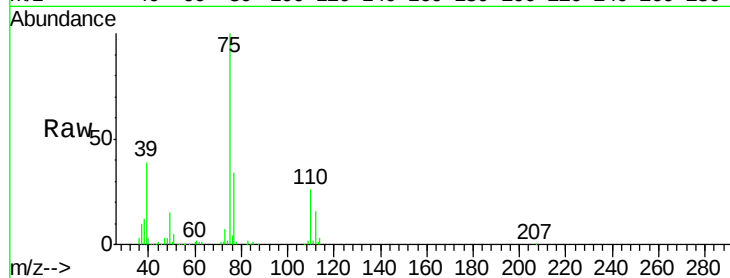
39 38.7 31.0 46.6

Manual Integrations

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#50

1,1,2-Trichloroethane

Concen: 19.741 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Tgt Ion: 97 Resp: 49327

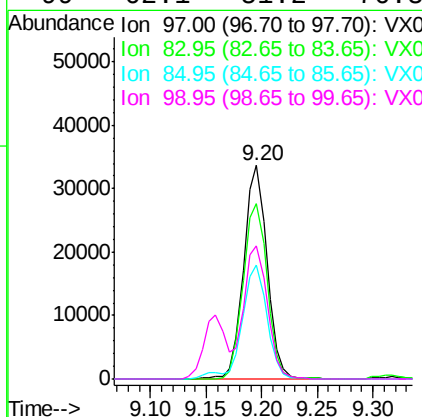
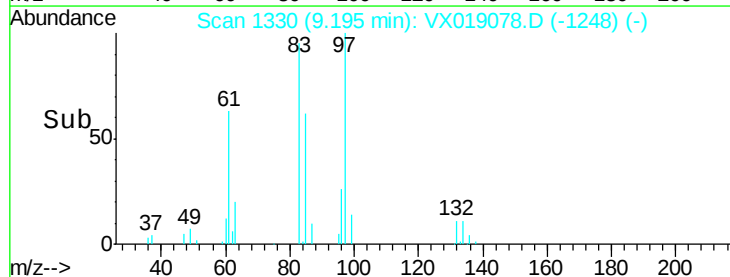
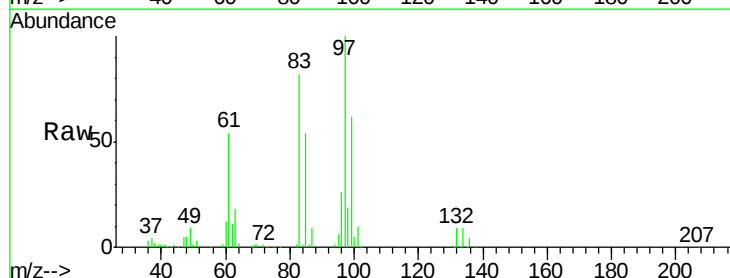
Ion Ratio Lower Upper

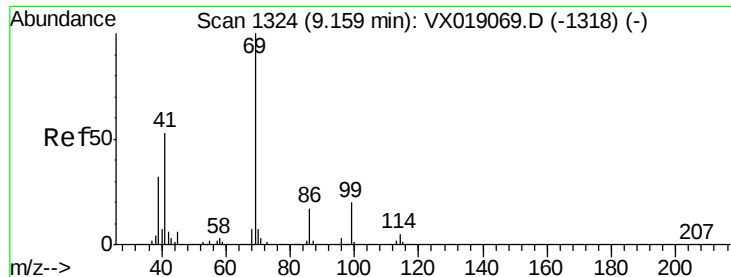
97 100

83 82.4 67.8 101.6

85 53.6 43.5 65.3

99 62.1 51.2 76.8





#51

Ethyl methacrylate

Concen: 19.701 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

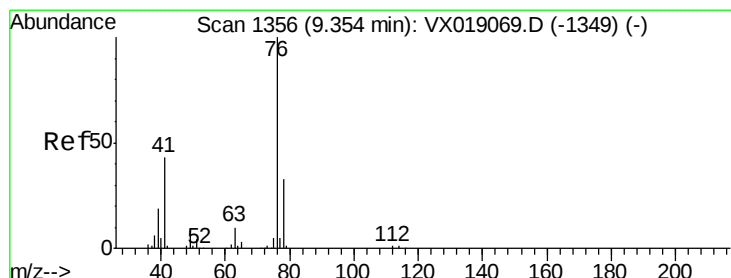
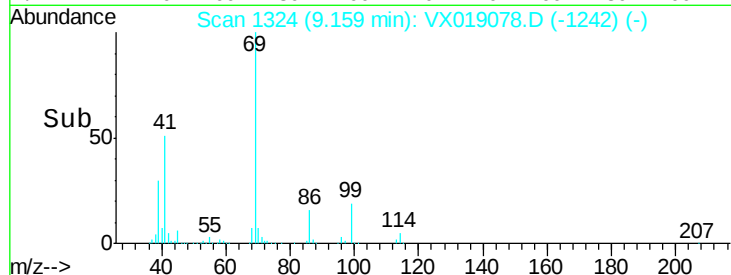
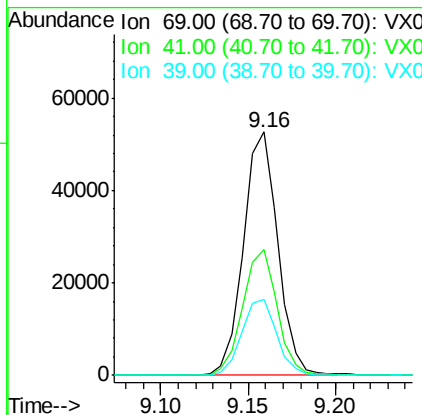
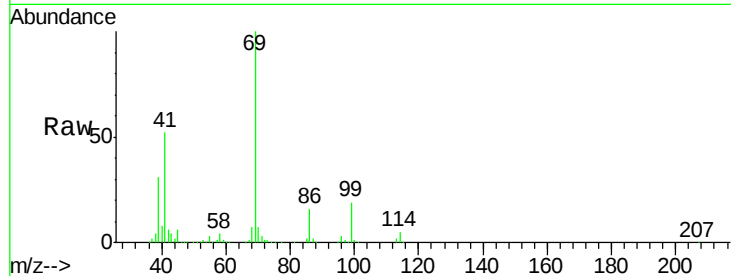
ClientSampled :

VX1023WBSD01

Tot Ion:	69	Resp:	71830
Ion	Ratio	Lower	Upper
69	100		
41	51.4	26.5	79.4
39	30.8	16.2	48.6

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#52

1,3-Dichloropropane

Concen: 19.915 ug/l

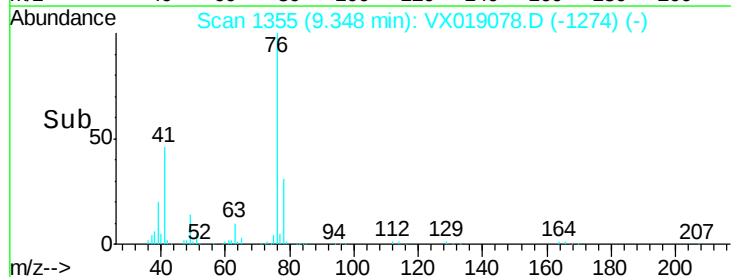
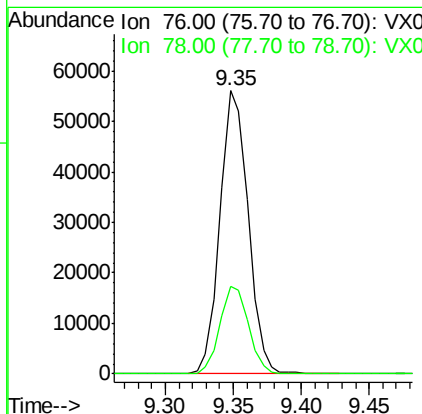
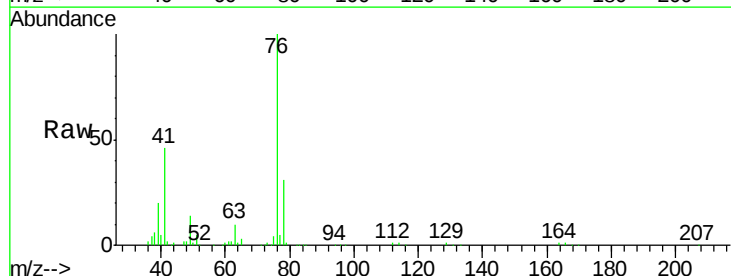
RT: 9.35 min Scan# 1355

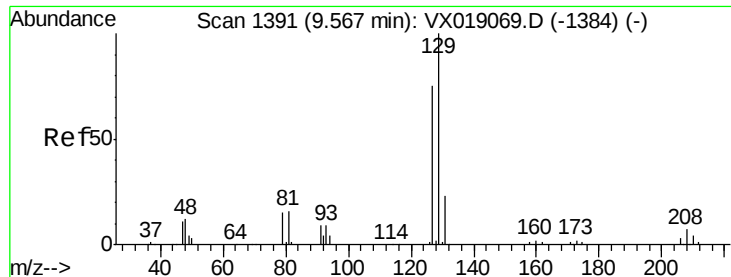
Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Tgt Ion:	76	Resp:	81068
Ion	Ratio	Lower	Upper
76	100		
78	31.5	0.0	65.2





#53

Dibromochloromethane

Concen: 18.964 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion:129 Resp: 52751

Ion Ratio Lower Upper

129 100

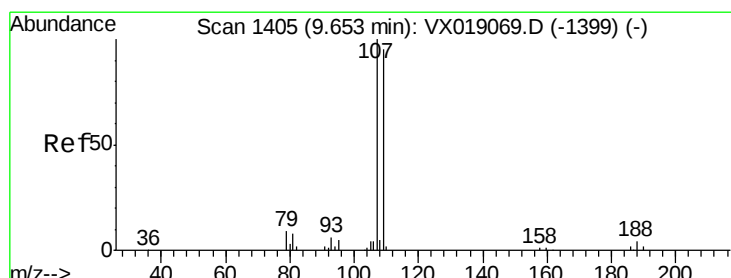
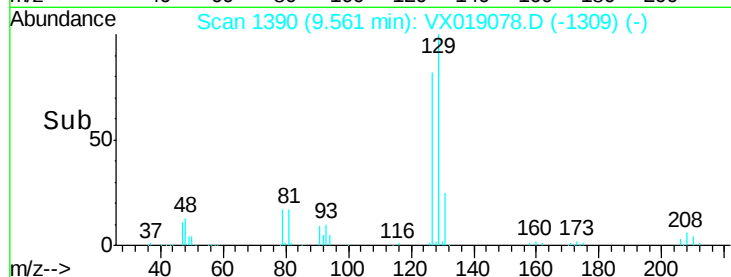
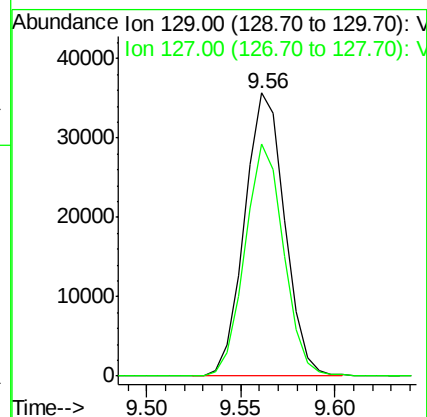
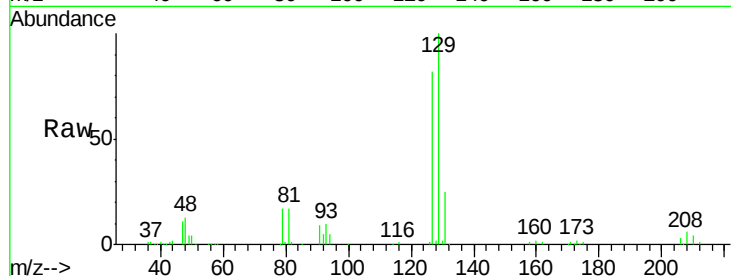
127 79.2 38.4 115.1

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#54

1,2-Dibromoethane

Concen: 19.657 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019078.D

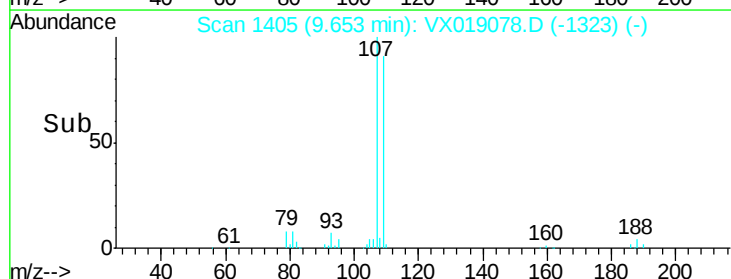
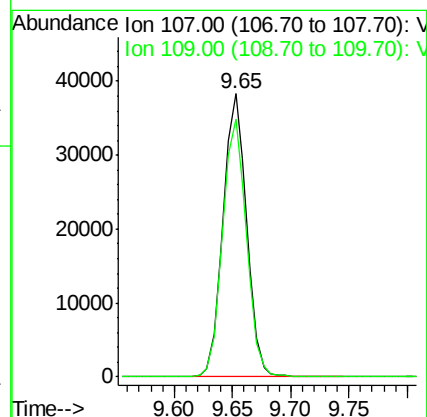
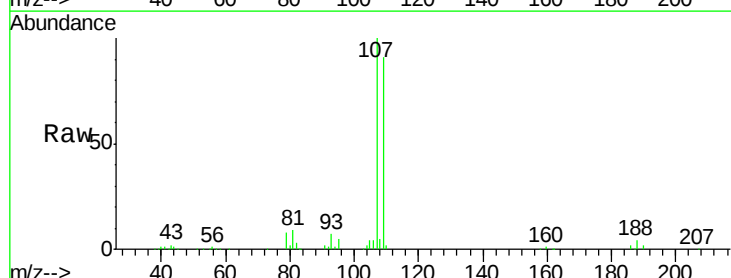
Acq: 23 Oct 2020 14:42

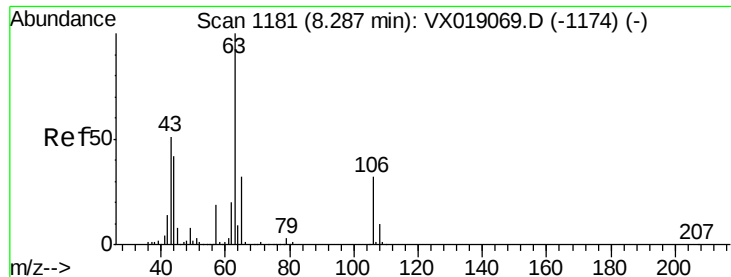
Tgt Ion:107 Resp: 53372

Ion Ratio Lower Upper

107 100

109 92.4 74.6 112.0





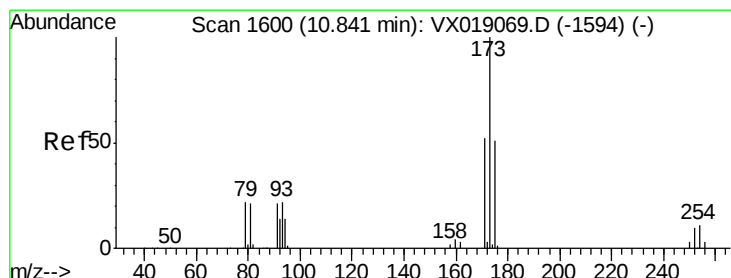
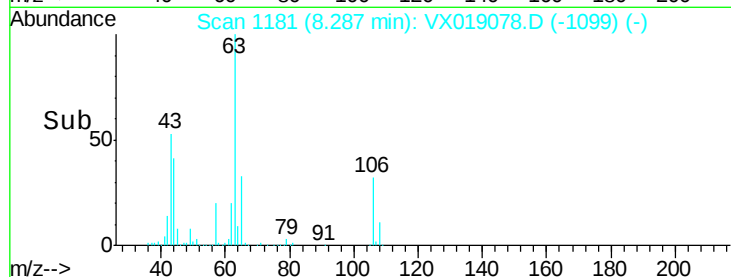
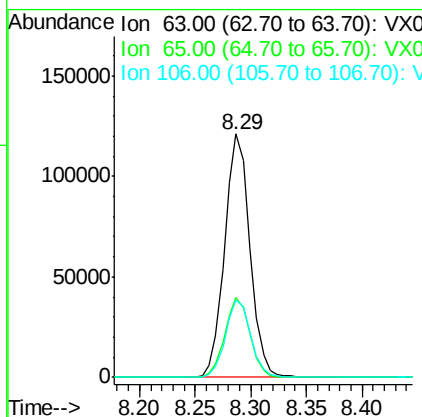
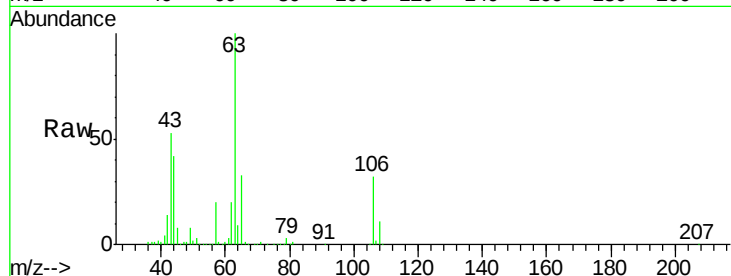
#55
2-Chloroethyl vinyl ether
Concen: 97.631 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	26.0	39.0
106	31.7	25.9	38.9

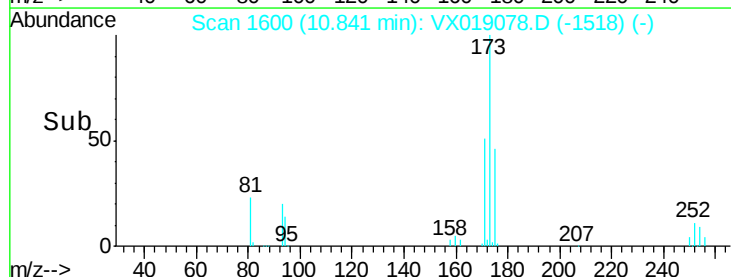
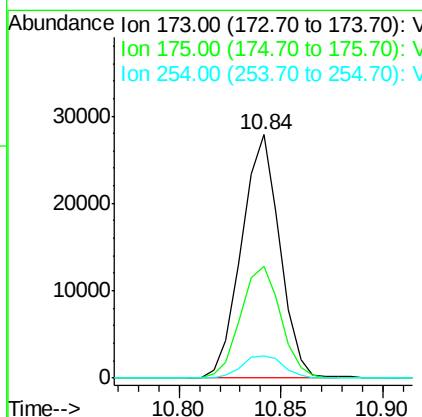
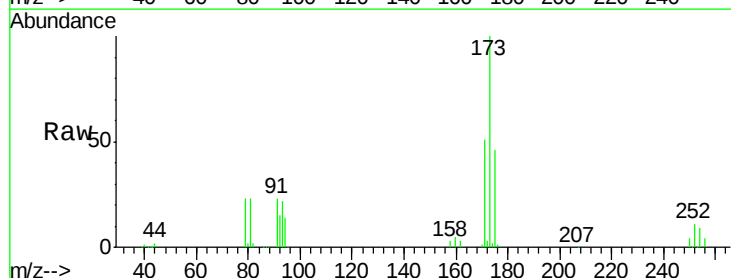
Manual Integrations
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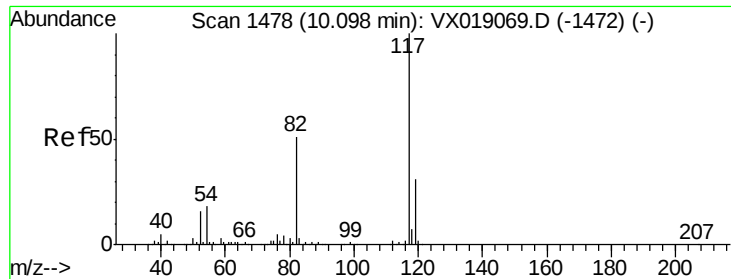
MMDadoda
10/26/2020 2:28:03 PM



#56
Bromoform
Concen: 18.712 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.6	59.4
254	9.9	8.6	13.0





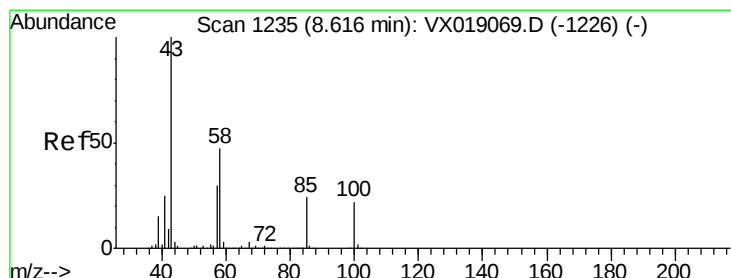
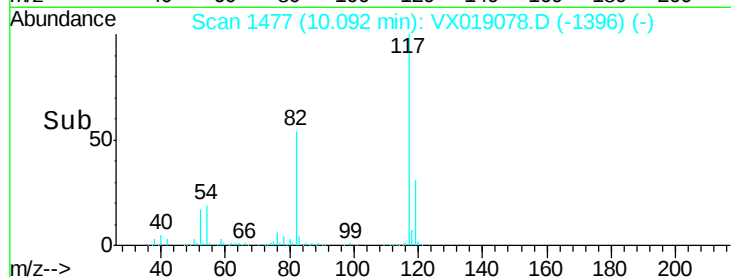
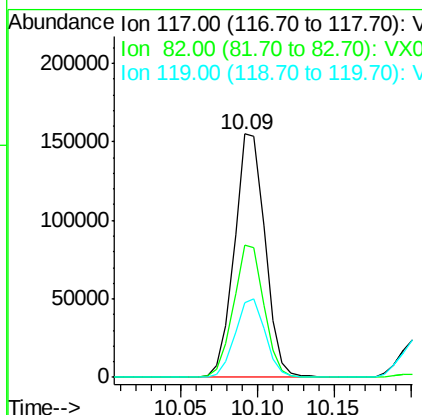
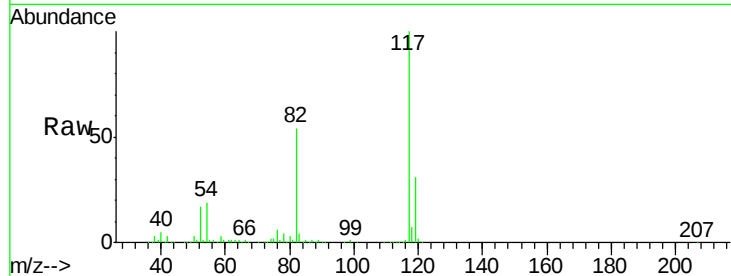
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.5	63.7
119	31.8	25.6	38.4

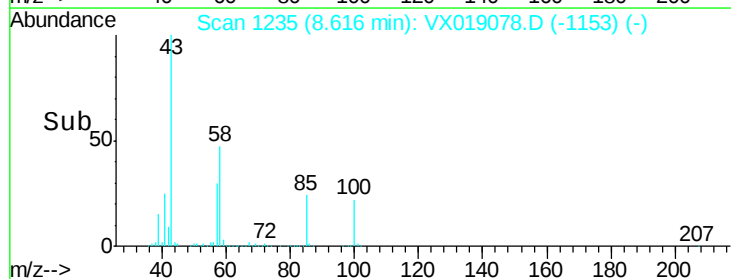
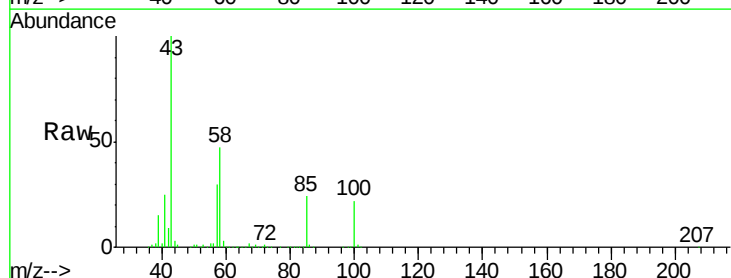
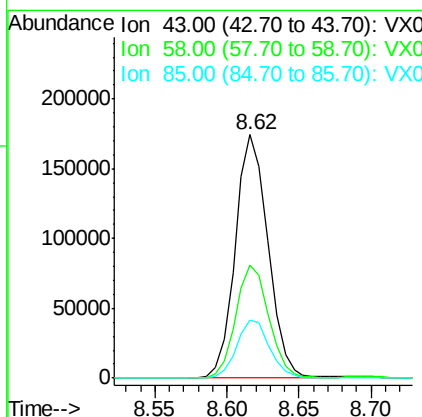
Manual Integrations
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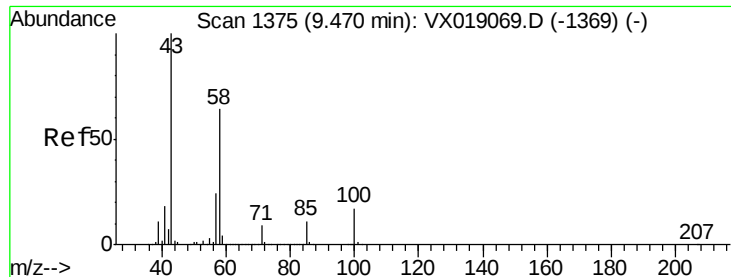
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#58
4-Methyl-2-Pentanone
Concen: 101.264 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	46.8	37.6	56.4
85	24.2	19.4	29.2





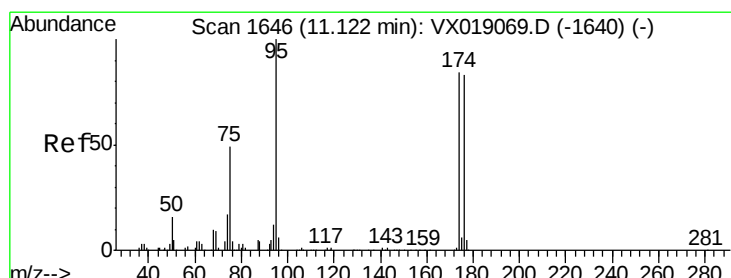
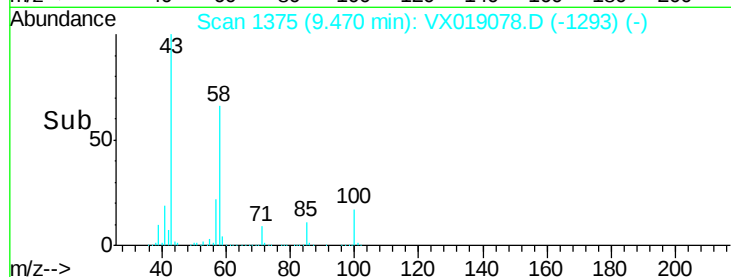
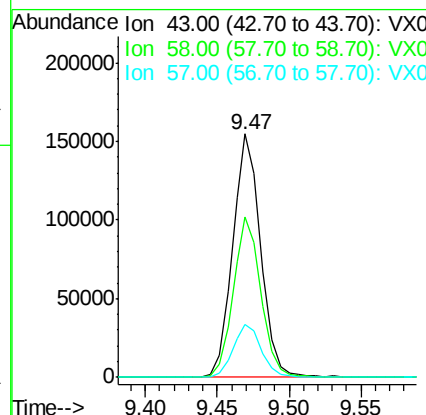
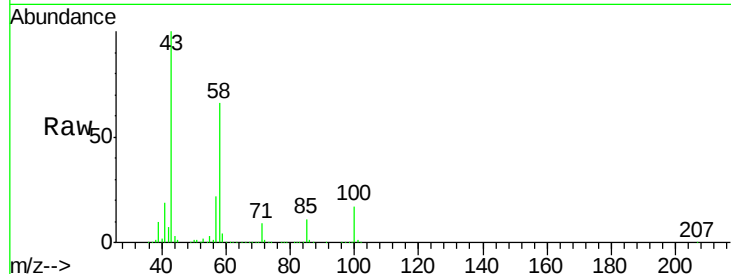
#59
2-Hexanone
Concen: 103.540 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	209884		
58	65.1		51.9	77.9
57	22.4		18.2	27.4

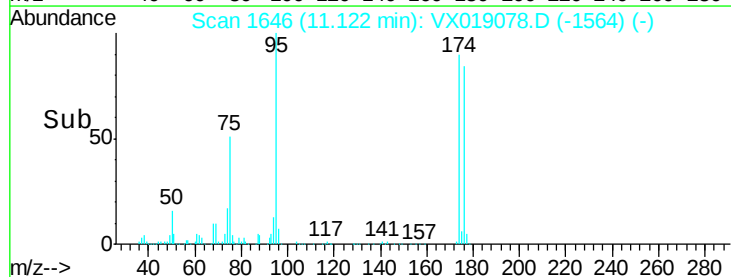
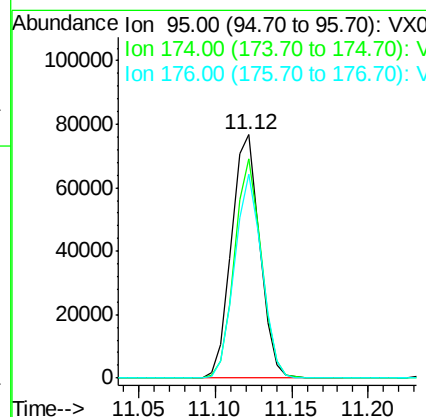
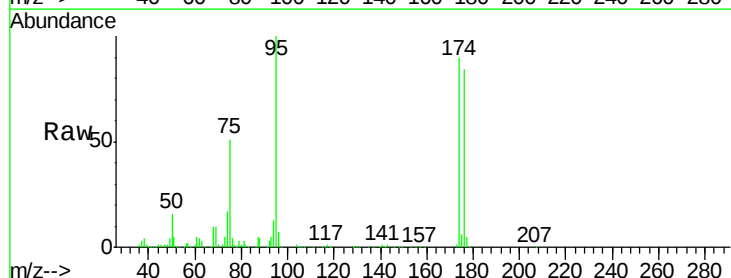
Manual Integrations
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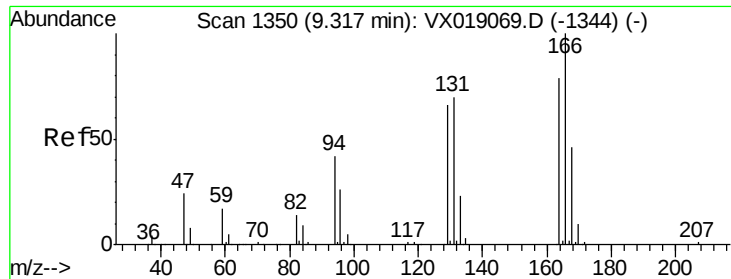
MMDadoda
10/26/2020 2:28:03 PM



#60
4-Bromofluorobenzene
Concen: 30.400 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	98424		
174	85.8		66.3	99.5
176	81.3		65.5	98.3





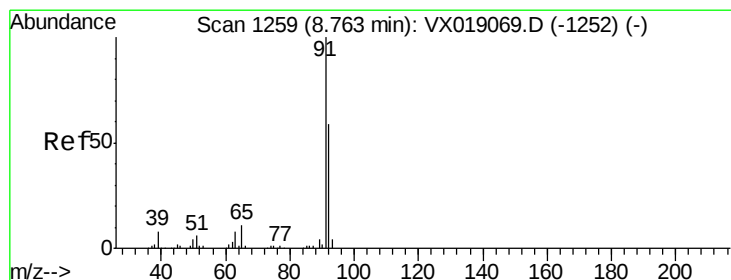
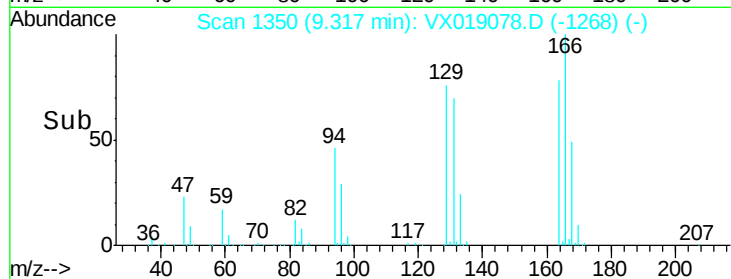
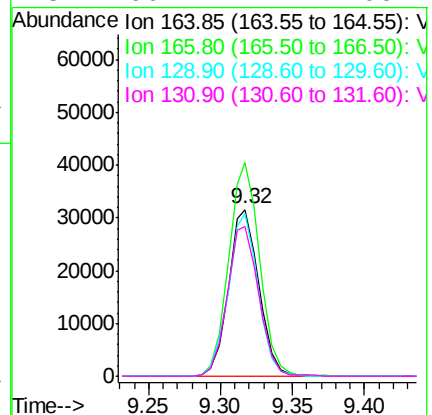
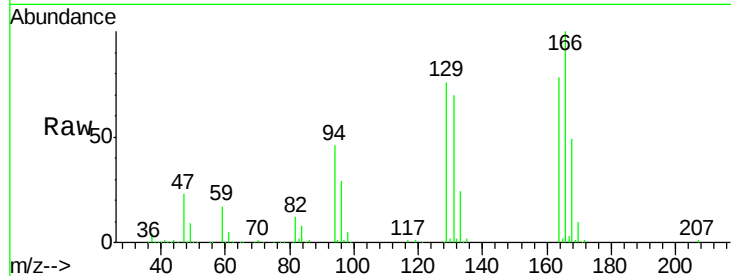
#61
Tetrachloroethene
Concen: 18.284 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.9	101.9	152.9
129	97.5	67.0	100.6
131	90.2	71.1	106.7

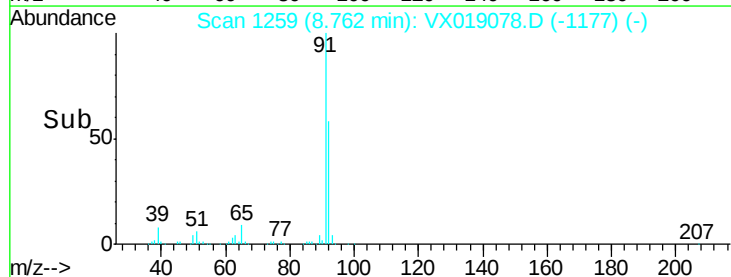
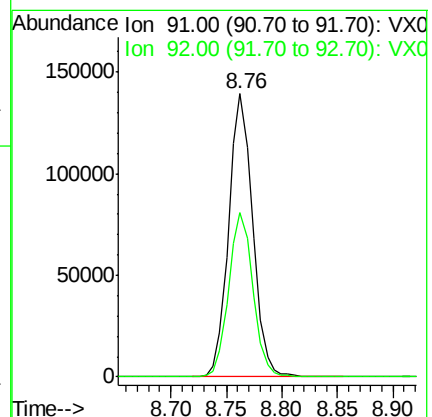
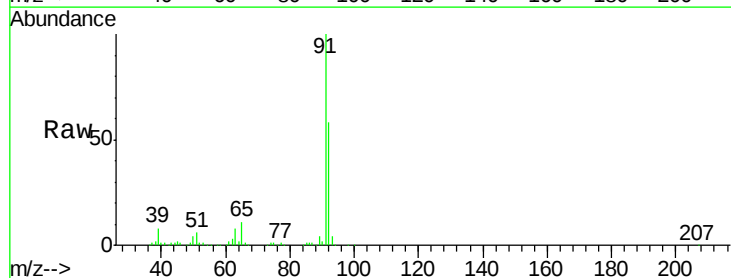
Manual Integrations
APPROVED

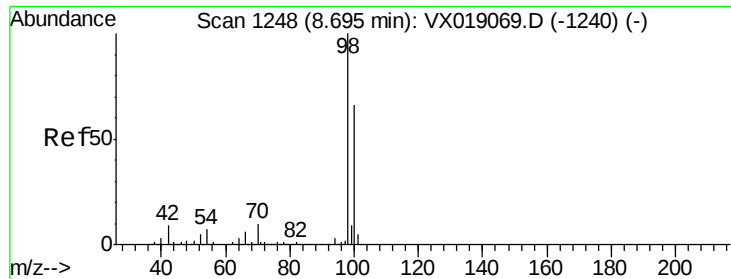
MMDadoda
10/26/2020 2:28:03 PM



#62
Toluene
Concen: 18.365 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.3	70.9





#63

Toluene-d8

Concen: 29.352 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion: 98 Resp: 279547

Ion Ratio Lower Upper

98 100

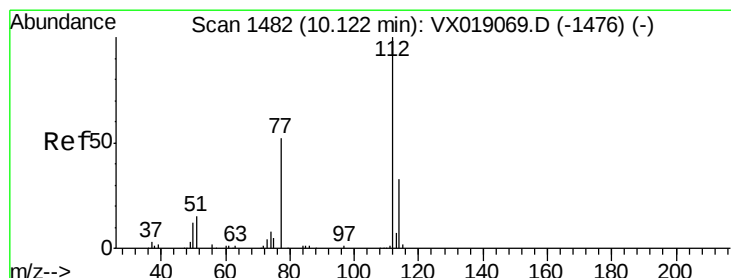
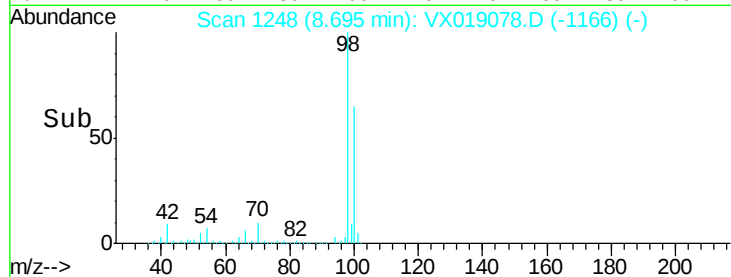
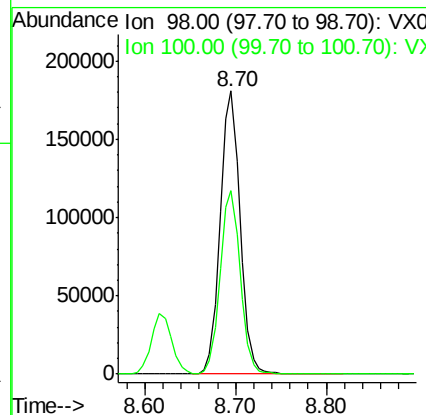
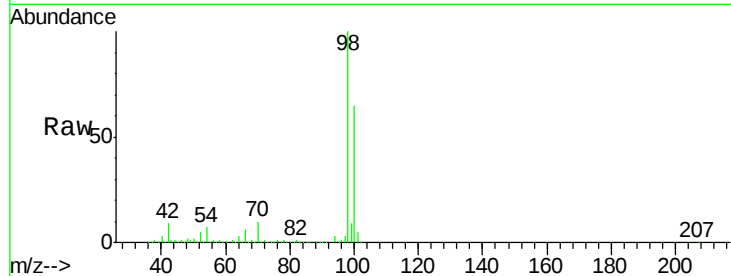
100 65.4 52.2 78.4

Manual Integrations

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#64

Chlorobenzene

Concen: 18.945 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019078.D

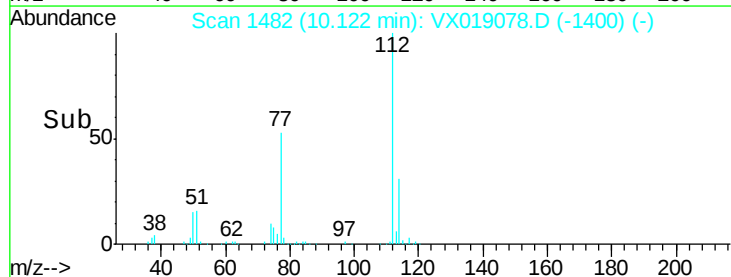
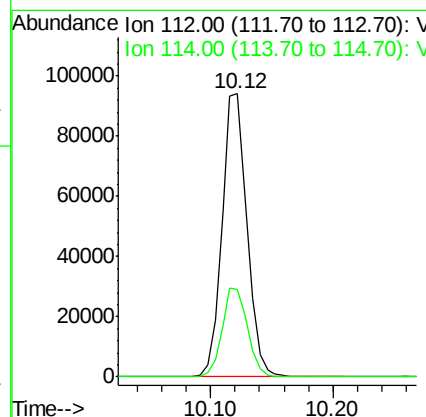
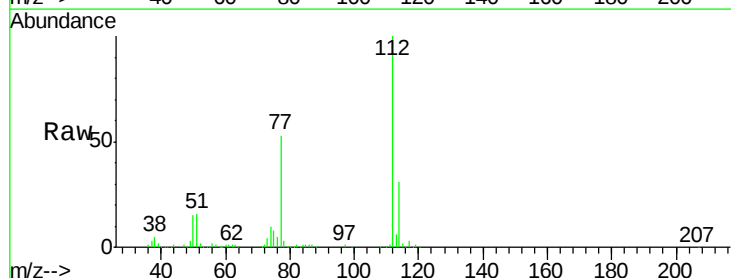
Acq: 23 Oct 2020 14:42

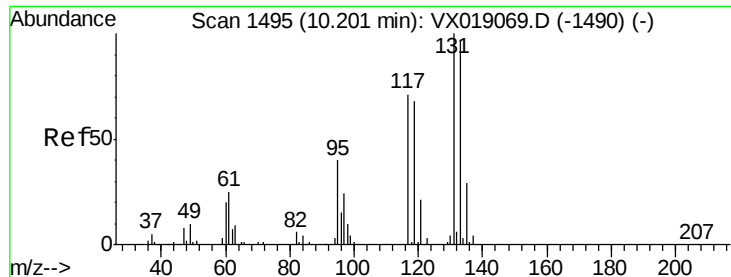
Tgt Ion: 112 Resp: 133512

Ion Ratio Lower Upper

112 100

114 30.8 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.712 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

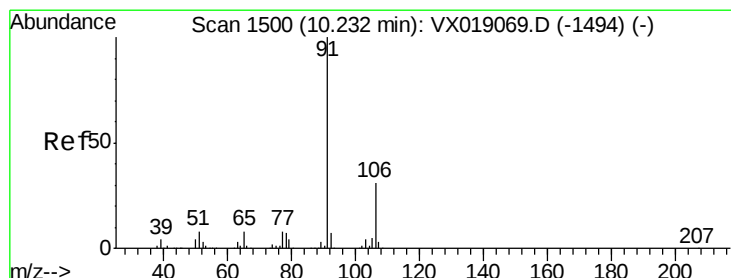
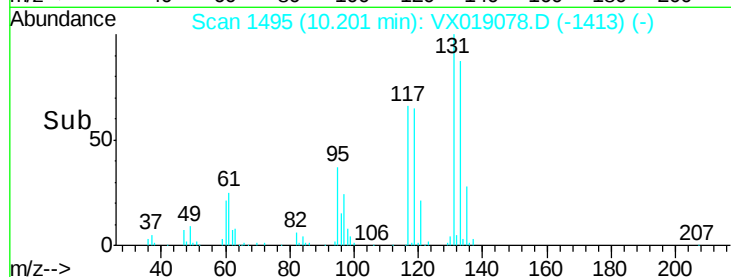
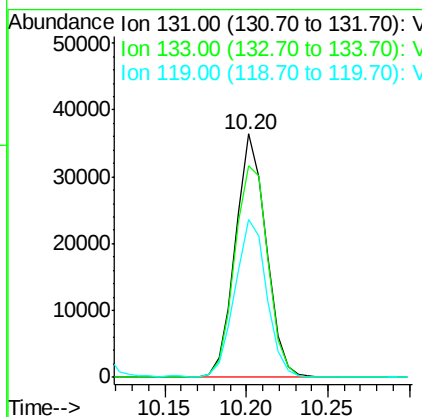
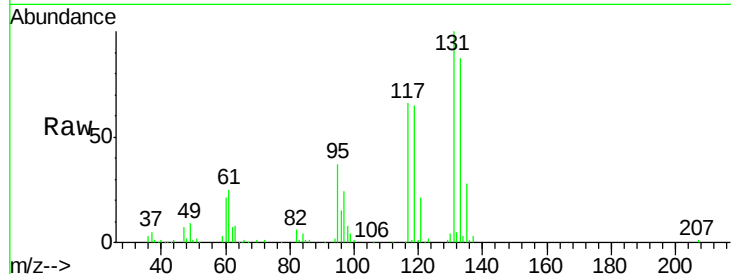
ClientSampleId :

VX1023WBSD01

Tot Ion:	131	Resp:	47961
Ion	Ratio	Lower	Upper
131	100		
133	94.2	0.0	191.6
119	66.3	0.0	130.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.674 ug/l

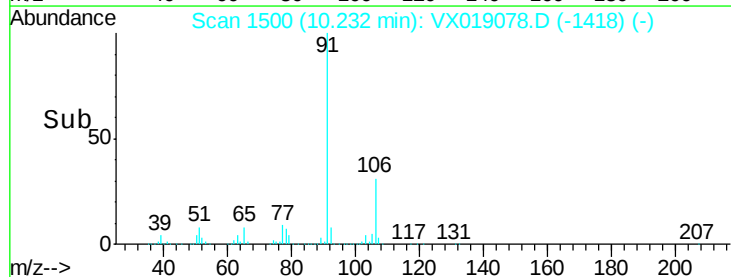
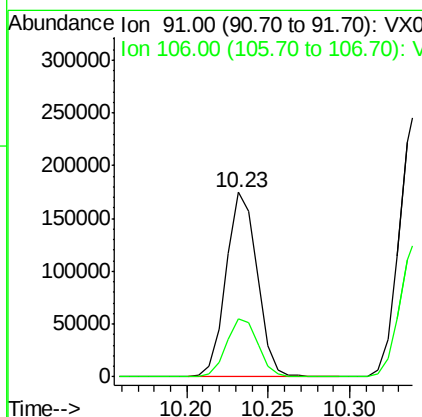
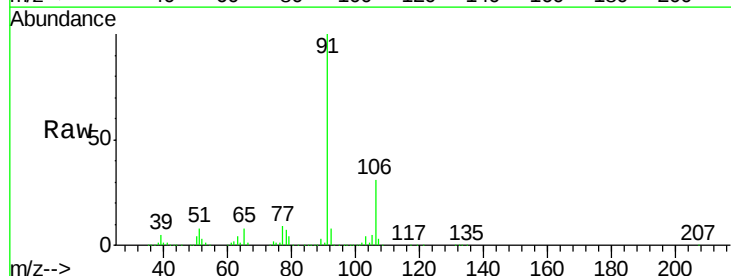
RT: 10.23 min Scan# 1500

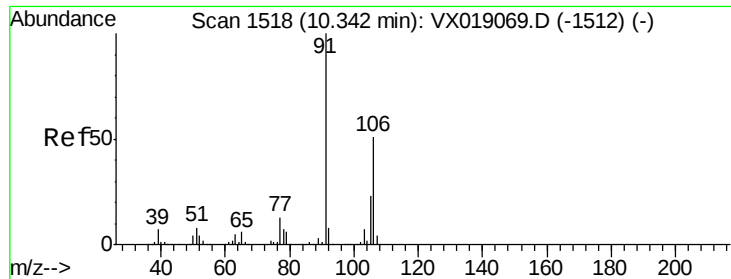
Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Tgt Ion:	91	Resp:	232108
Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.7	37.1





#67

m/p-Xvlenes

Concen: 37.689 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion:106 Resp: 178650

Ion Ratio Lower Upper

106 100

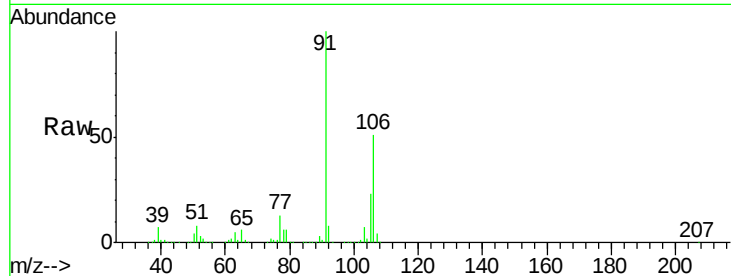
91 198.2 157.5 236.3

Manual Integrations

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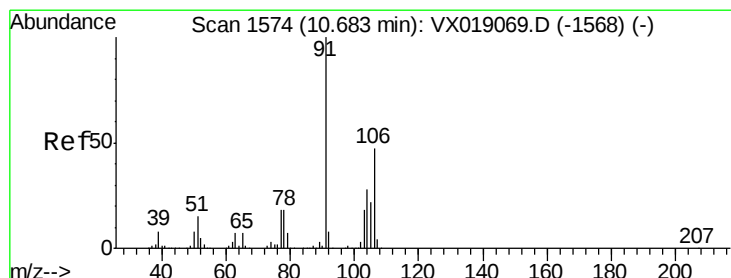
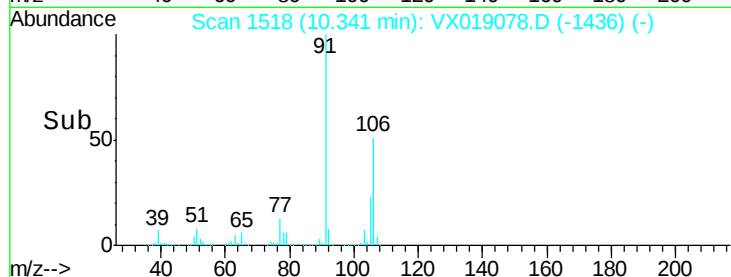
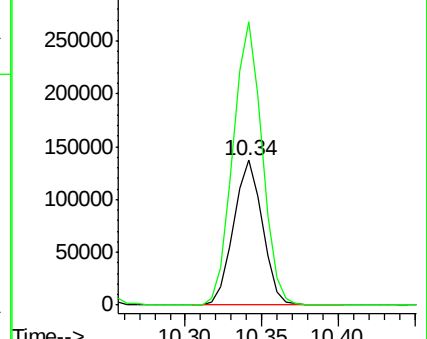
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.627 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019078.D

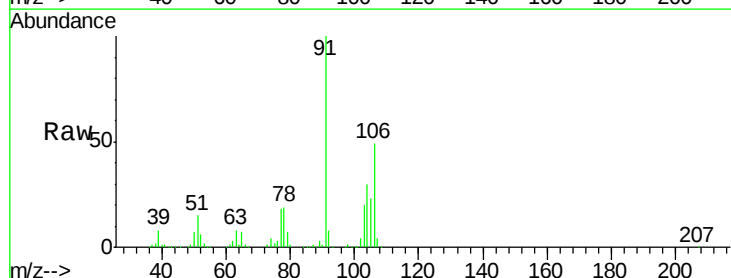
Acq: 23 Oct 2020 14:42

Tgt Ion:106 Resp: 84208

Ion Ratio Lower Upper

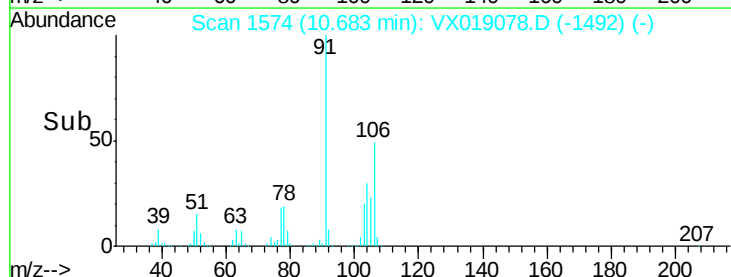
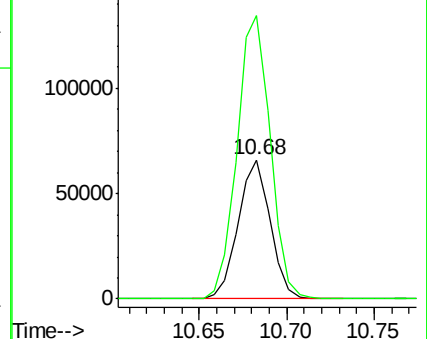
106 100

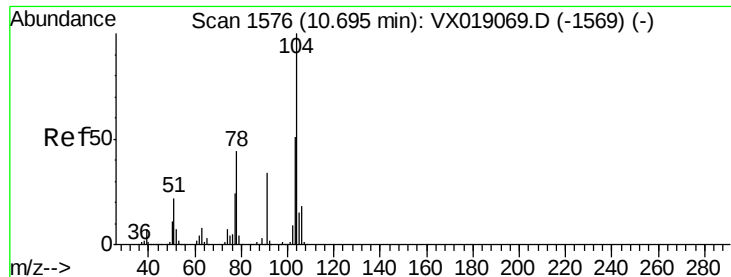
91 210.6 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





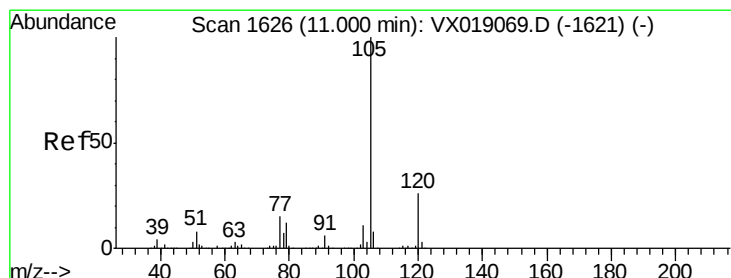
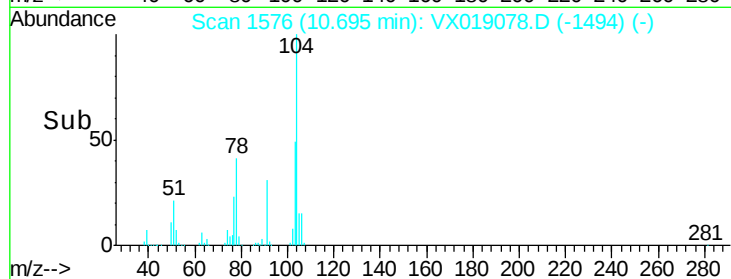
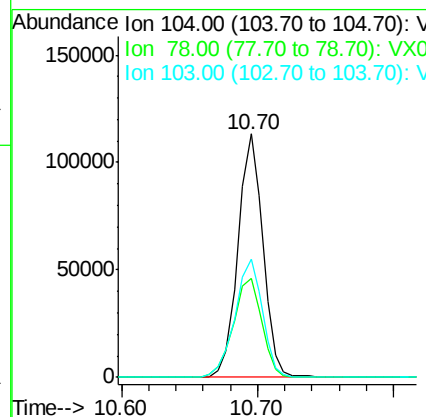
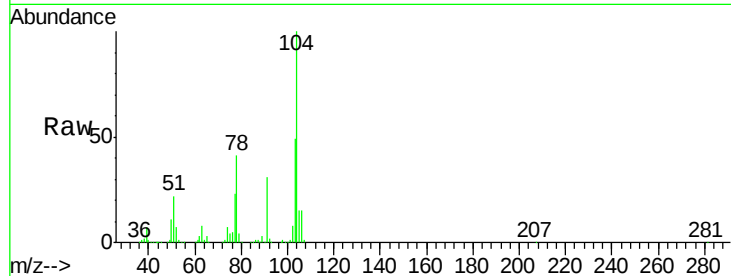
#69
Stvrene
Concen: 18.921 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.0	38.6	58.0
103	53.7	43.4	65.2

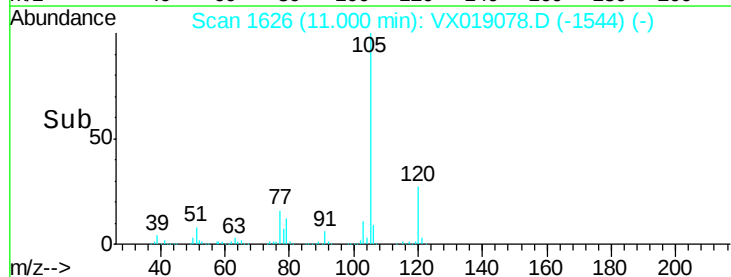
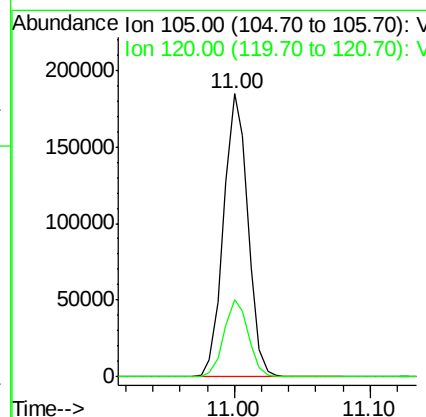
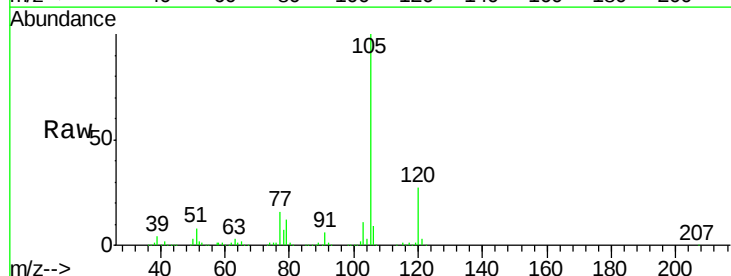
Manual Integrations
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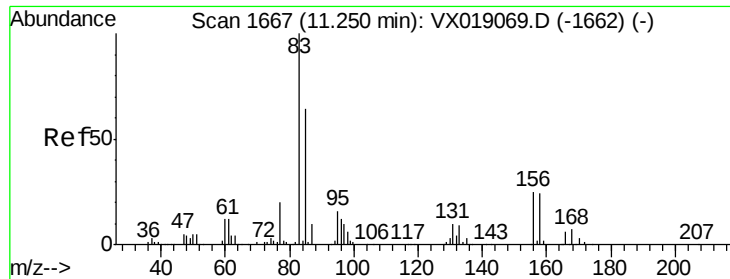
MMDadoda
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#70
Isopropylbenzene
Concen: 18.739 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	19.0	35.4





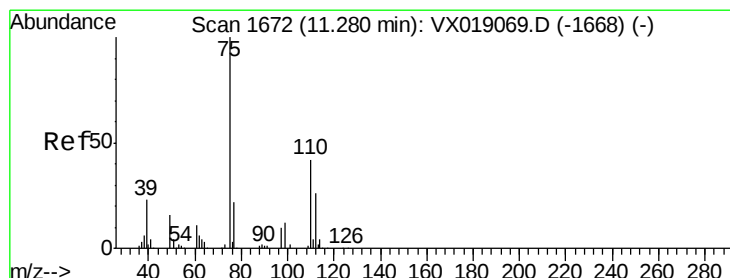
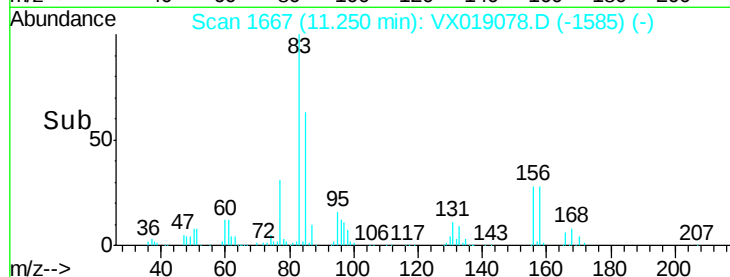
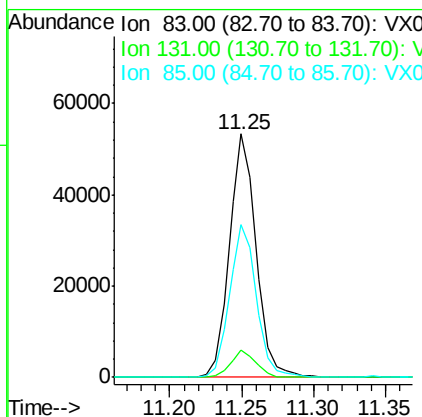
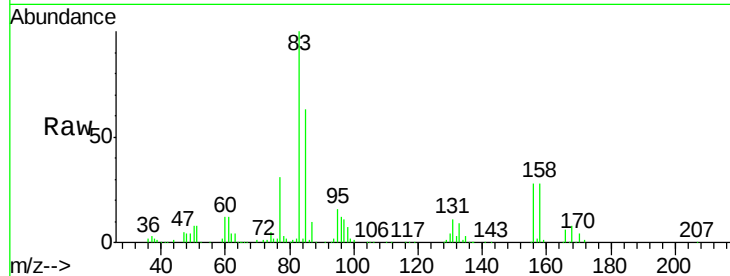
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.794 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.2	15.6
85	63.2	32.5	97.4

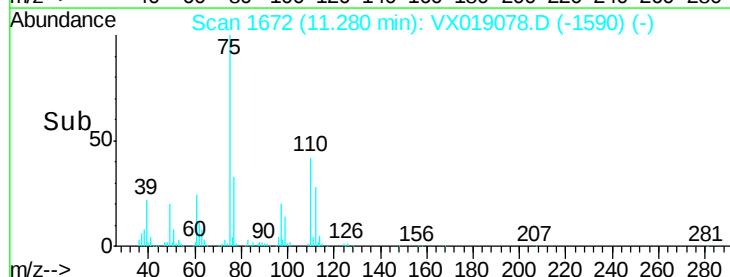
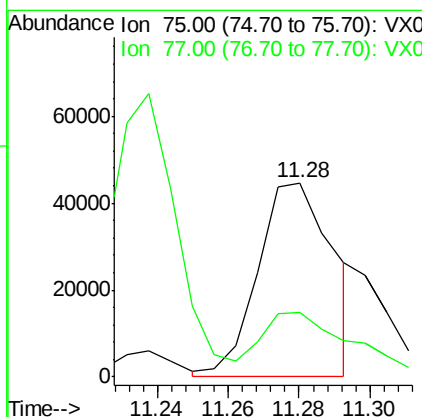
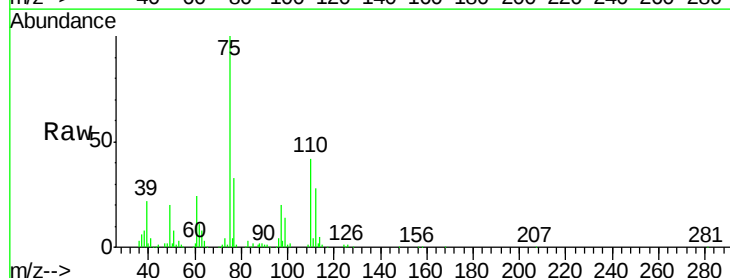
Manual Integrations
 APPROVED

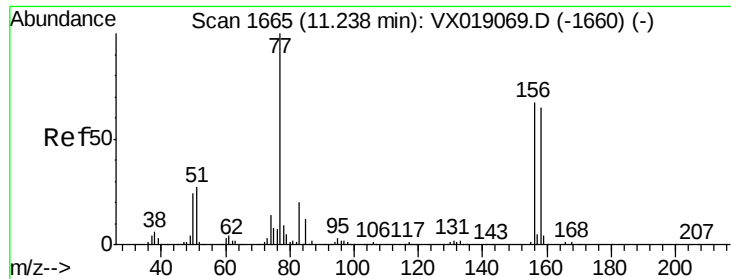
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#72
 1,2,3-Trichloropropane
 Concen: 21.001 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.0	0.0	81.8





#73

Bromobenzene

Concen: 19.016 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

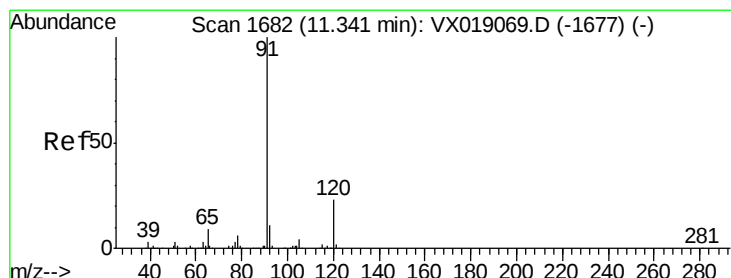
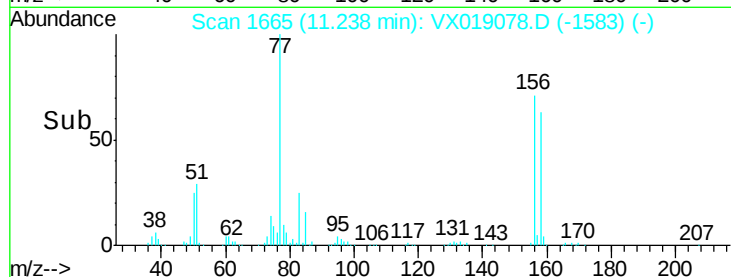
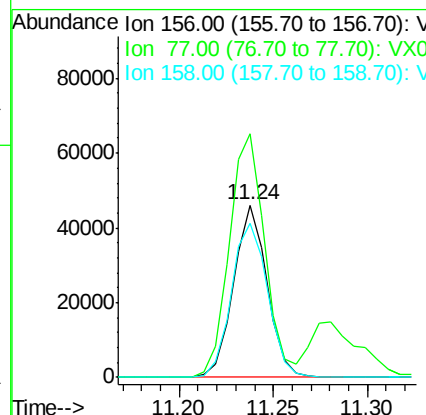
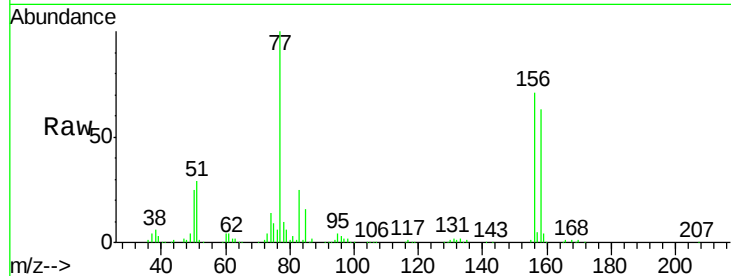
ClientSampleId :

VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.1	0.0	299.6
158	96.9	0.0	192.2

Manual Integrations
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#74

n-propylbenzene

Concen: 19.284 ug/l

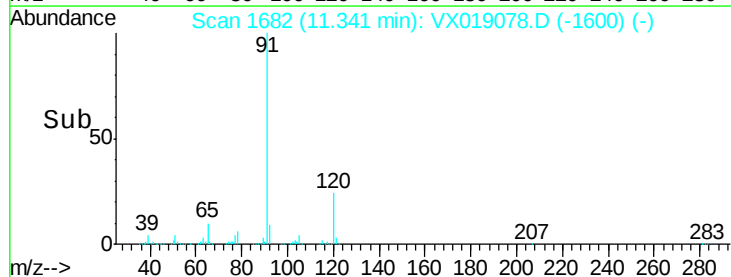
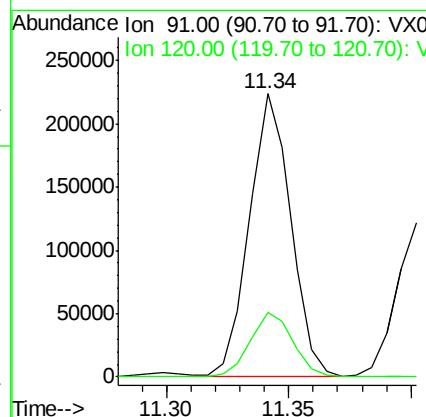
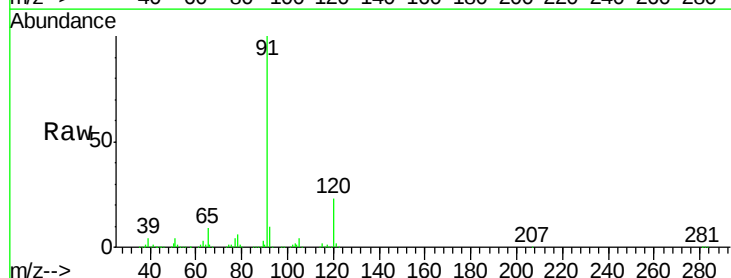
RT: 11.34 min Scan# 1682

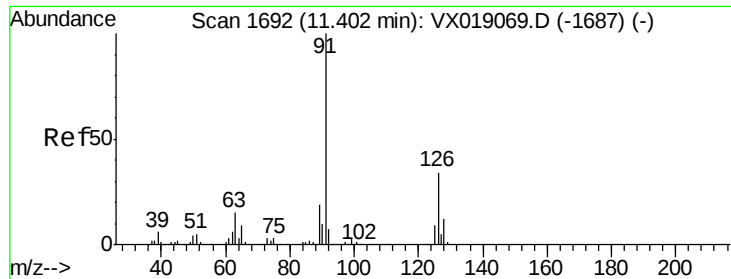
Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	0.0	46.6





#75

2-Chlorotoluene

Concen: 19.559 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion: 91 Resp: 152276

Ion Ratio Lower Upper

91 100

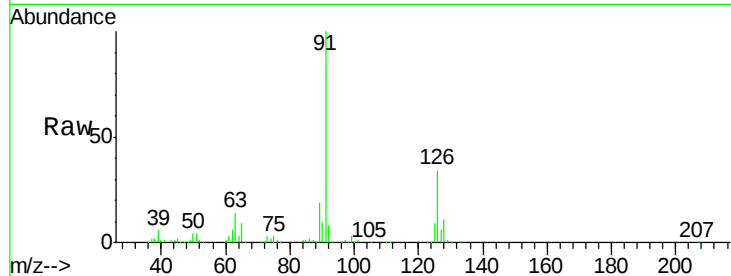
126 34.3 0.0 69.0

Manual Integrations

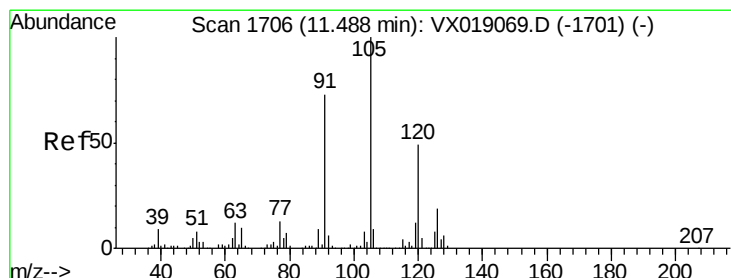
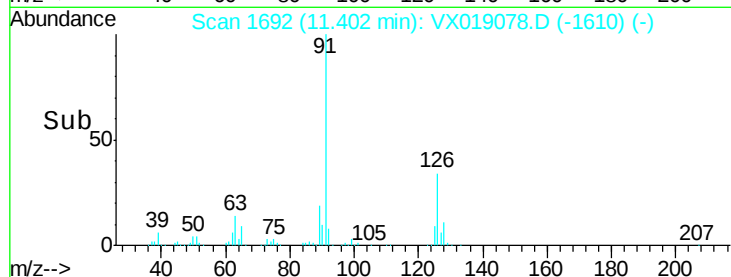
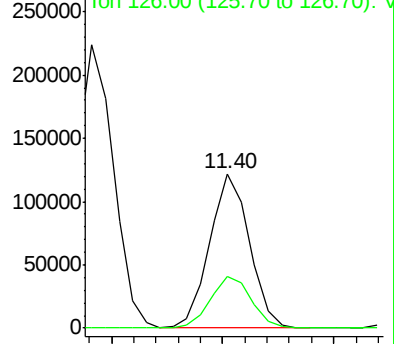
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Abundance Ion 91.00 (90.70 to 91.70): VX019069.D (-1687) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.145 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019078.D

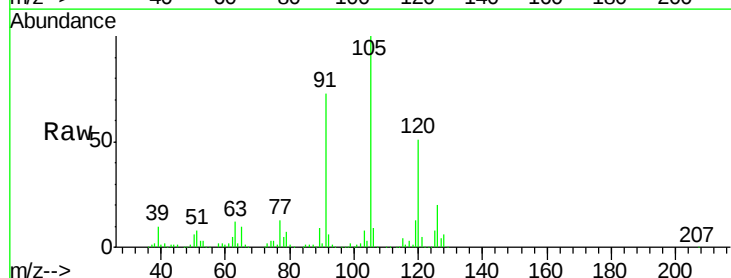
Acq: 23 Oct 2020 14:42

Tgt Ion: 105 Resp: 188844

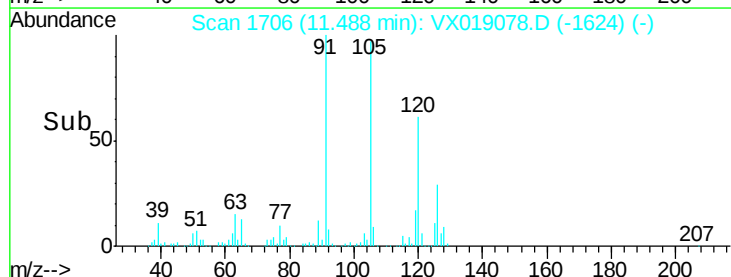
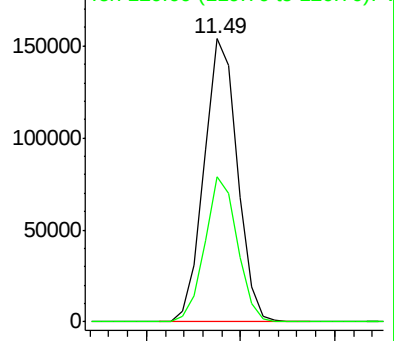
Ion Ratio Lower Upper

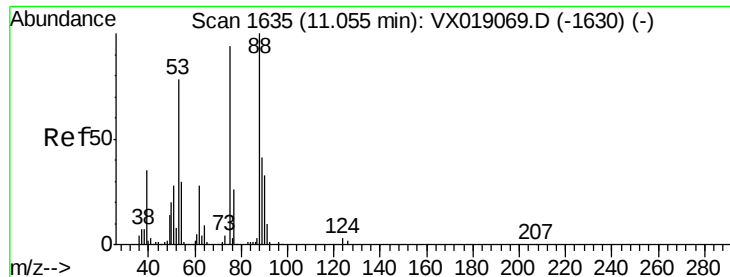
105 100

120 49.9 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): VX019069.D (-1701) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.557 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

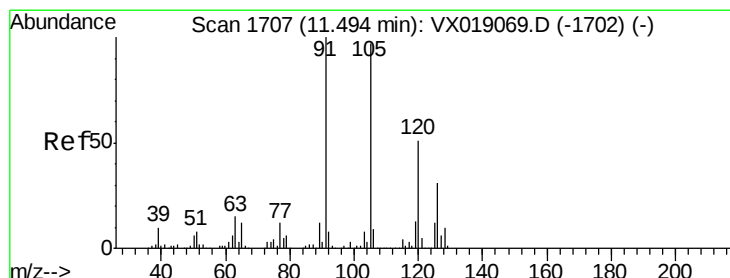
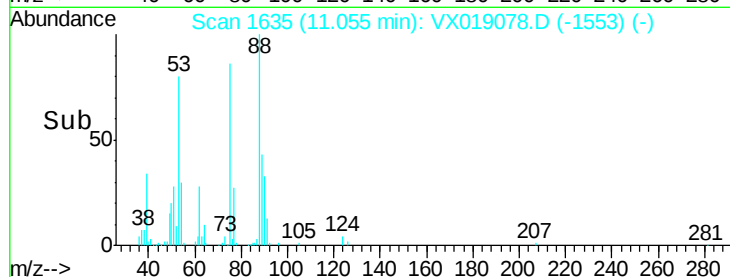
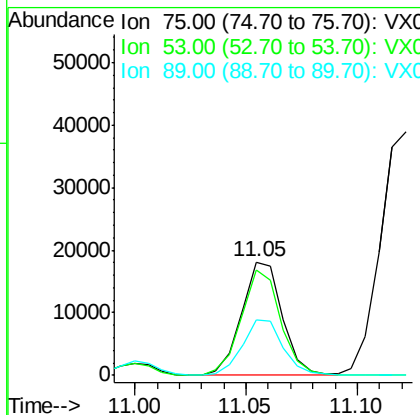
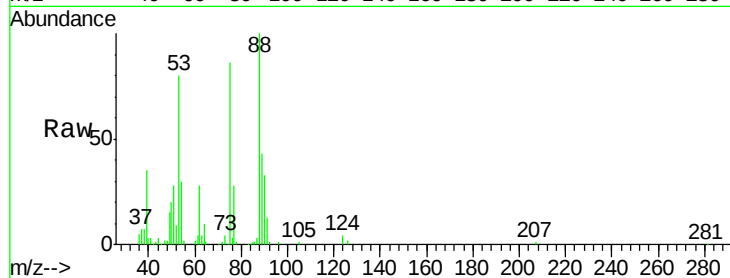
ClientSampleId :

VX1023WBSD01

Tot Ion:	75	Resp:	23257
Ion	Ratio	Lower	Upper
75	100		
53	93.0	41.6	124.8
89	49.0	21.8	65.3

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#78

4-Chlorotoluene

Concen: 19.385 ug/l

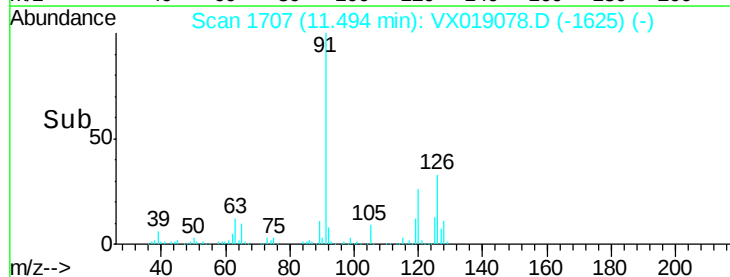
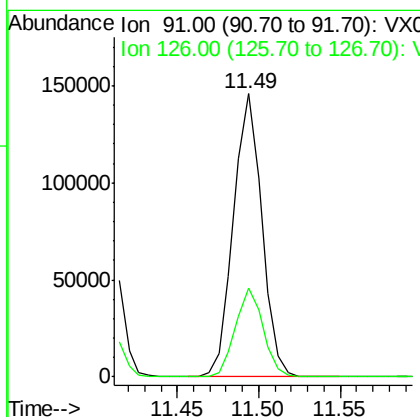
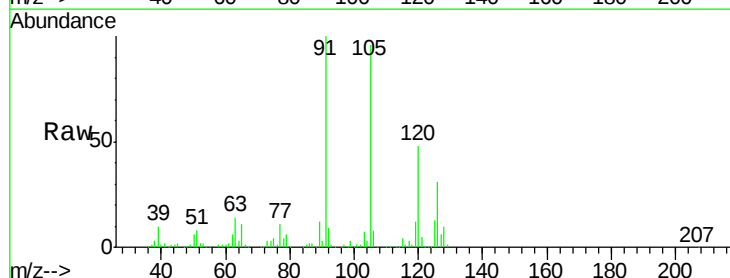
RT: 11.49 min Scan# 1707

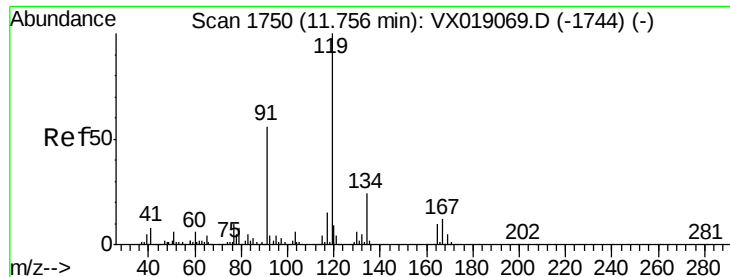
Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Tgt Ion:	91	Resp:	177353
Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	61.2





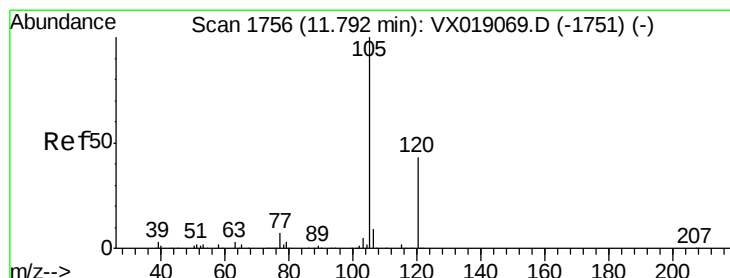
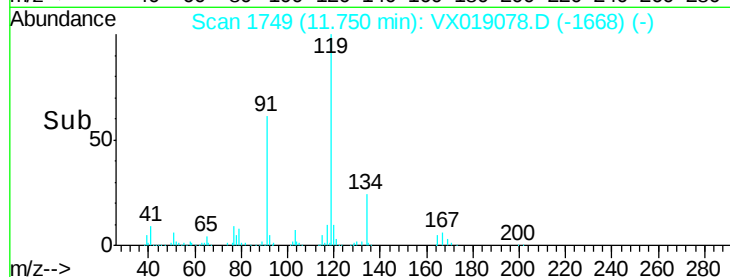
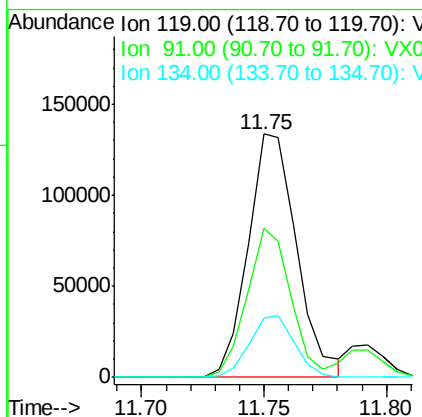
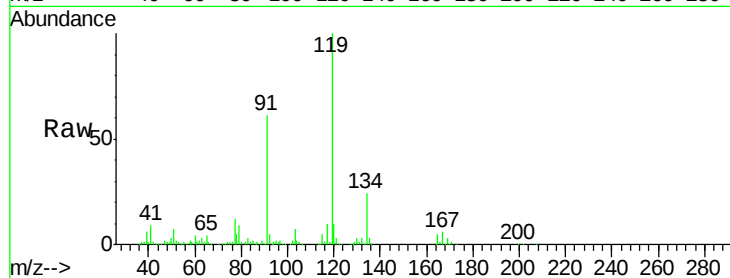
#79
tert-butylbenzene
Concen: 19.127 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	185780		
91	55.0	0.0	111.4	
134	23.6	0.0	47.2	

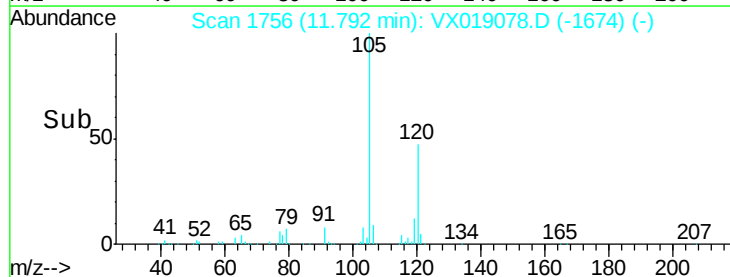
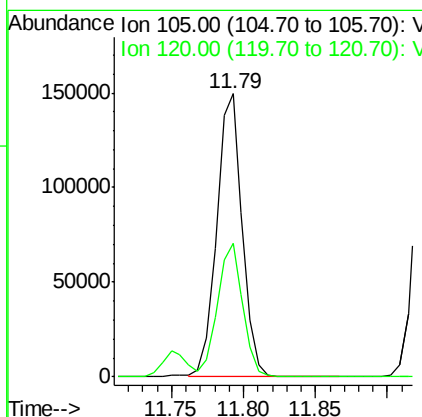
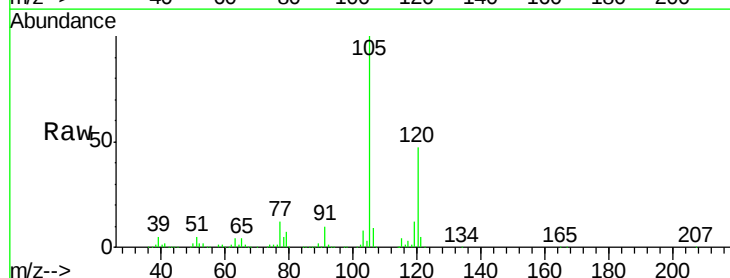
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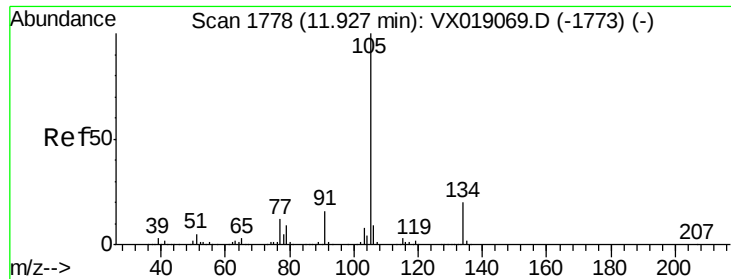
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#80
1,2,4-Trimethylbenzene
Concen: 18.877 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	185092		
120	46.8	0.0	92.0	





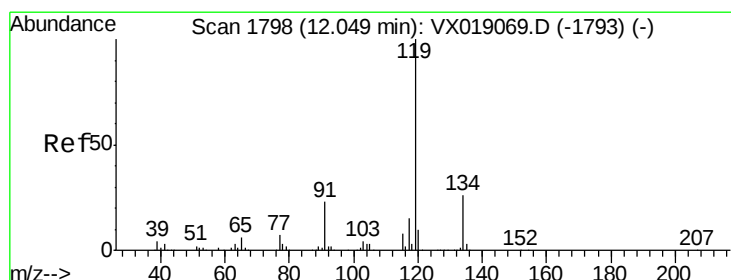
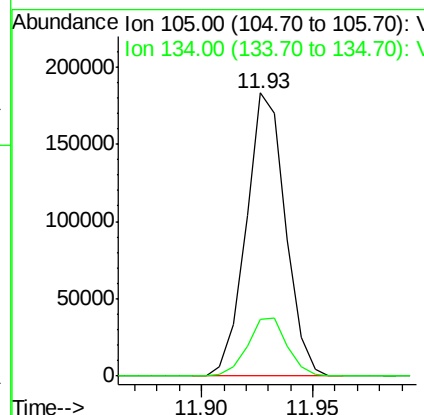
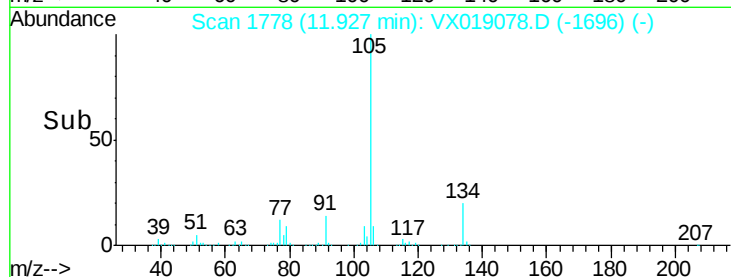
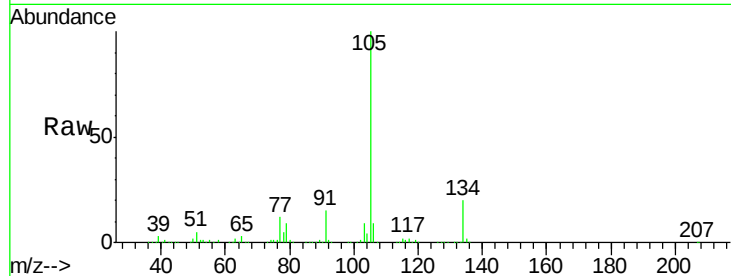
#81
 sec-Butylbenzene
 Concen: 19.550 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	224690		
134	20.8	0.0	40.8	

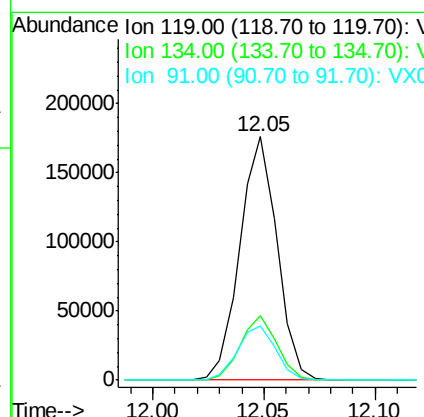
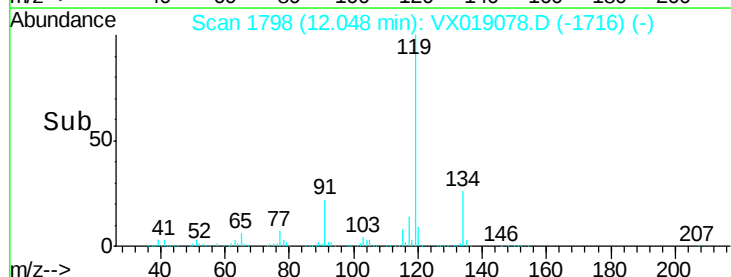
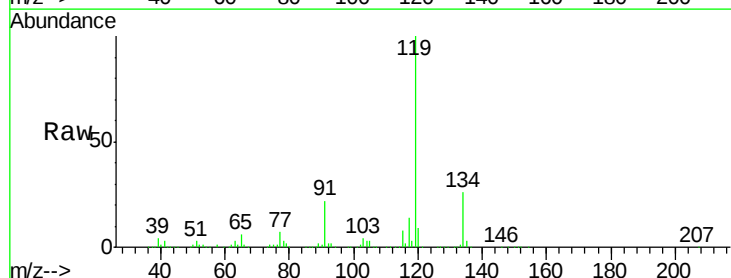
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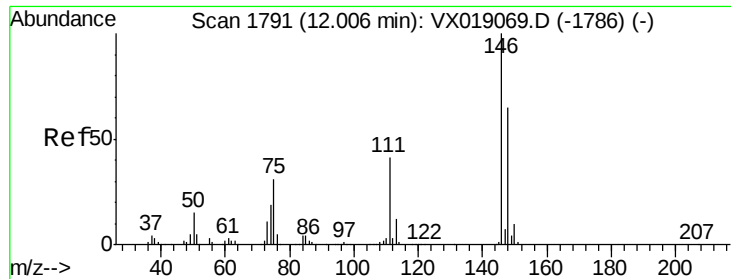
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#82
 p-Isopropyltoluene
 Concen: 19.319 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	204635		
134	26.1	0.0	52.0	
91	22.9	0.0	45.6	





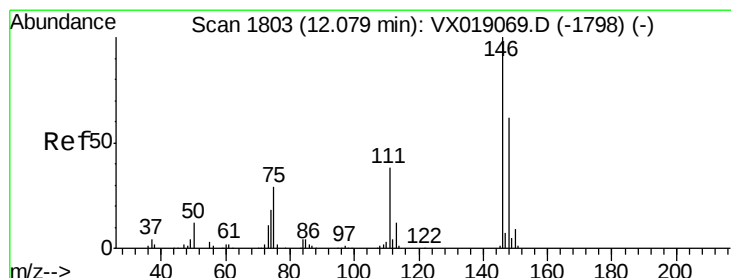
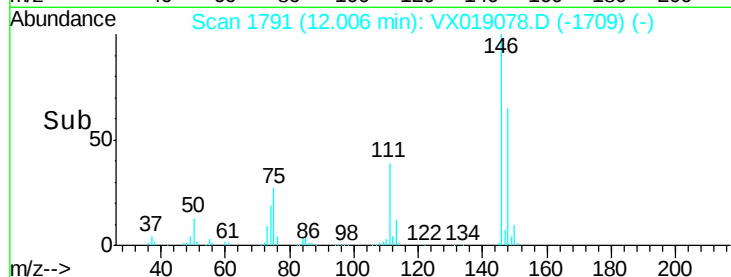
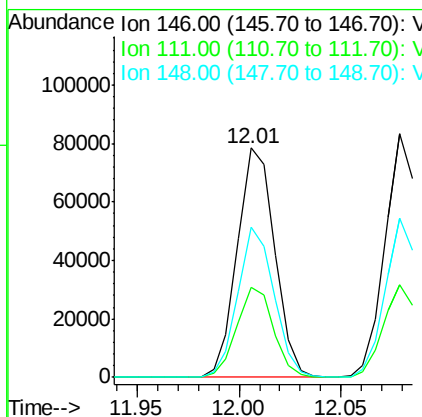
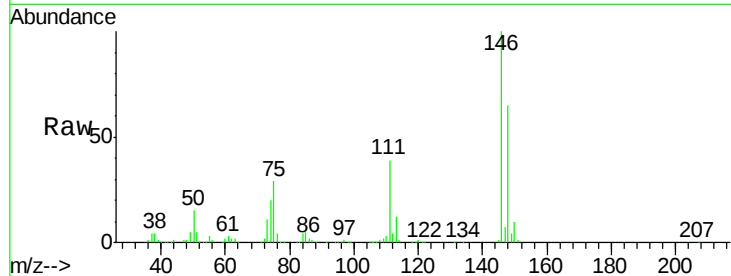
#83
 1,3-Dichlorobenzene
 Concen: 18.883 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.0	59.9
148	63.4	32.2	96.6

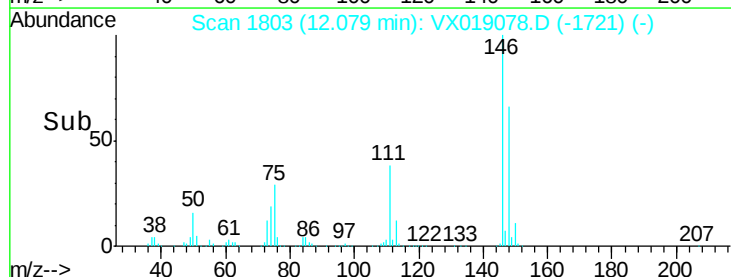
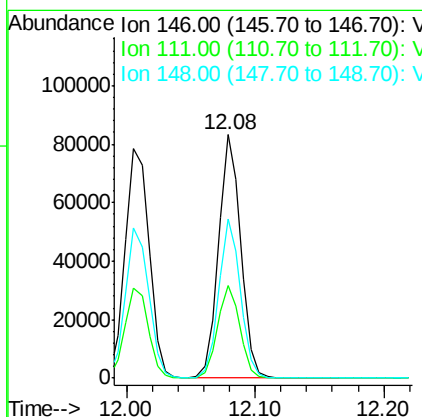
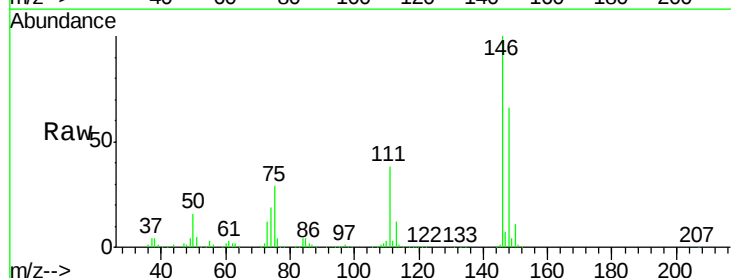
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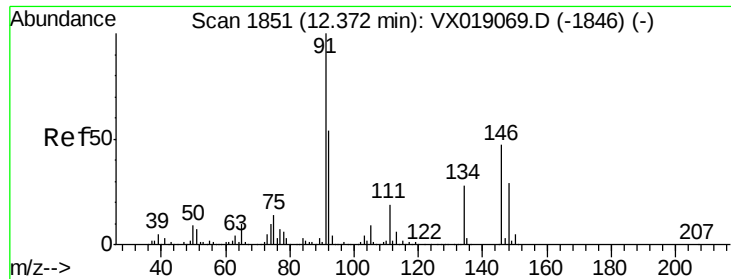
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#84
 1,4-Dichlorobenzene
 Concen: 18.870 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.7
148	63.7	31.6	95.0





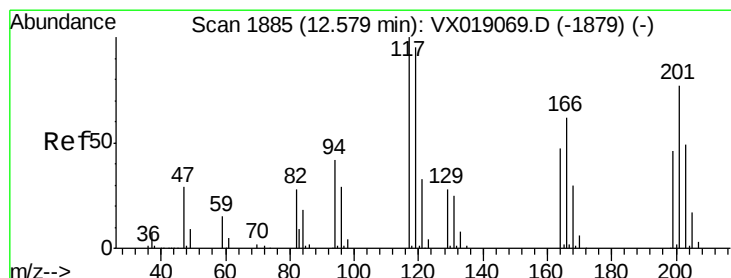
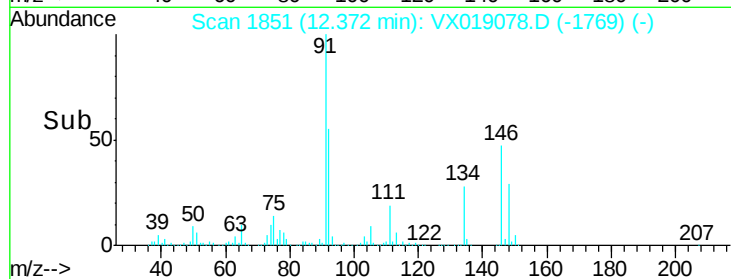
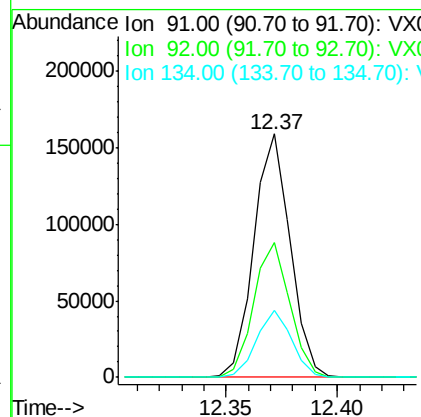
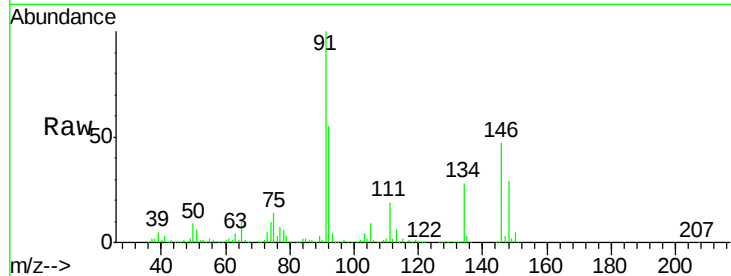
#85
n-Butylbenzene
Concen: 19.119 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	181324		
92	55.0	0.0	107.4	
134	26.7	0.0	54.6	

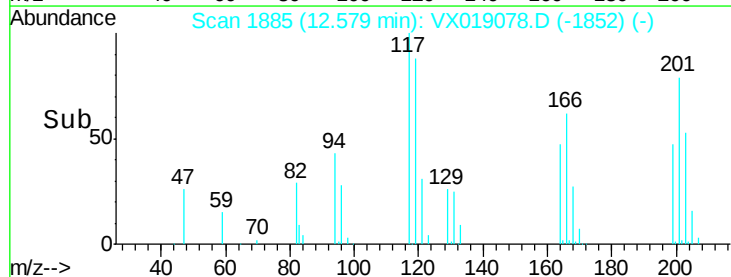
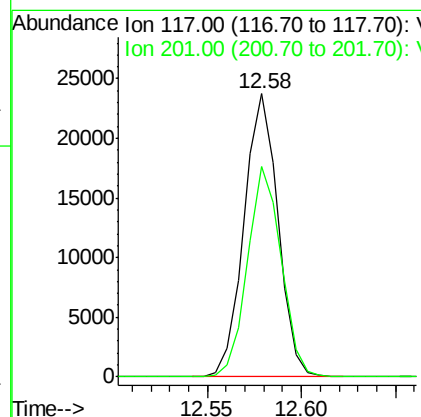
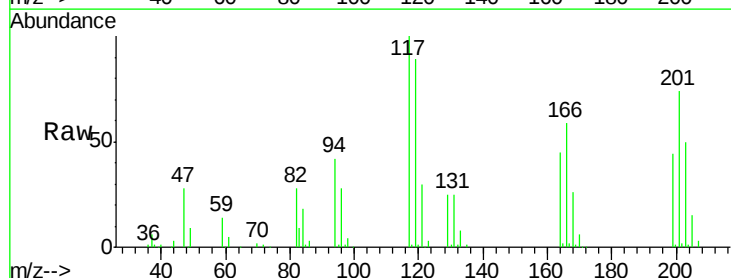
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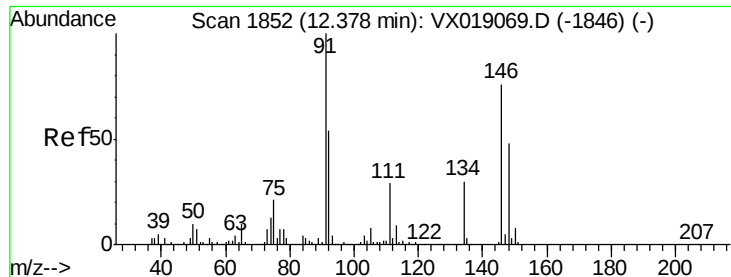
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#86
Hexachloroethane
Concen: 18.227 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	29654		
201	73.9	38.4	115.1	





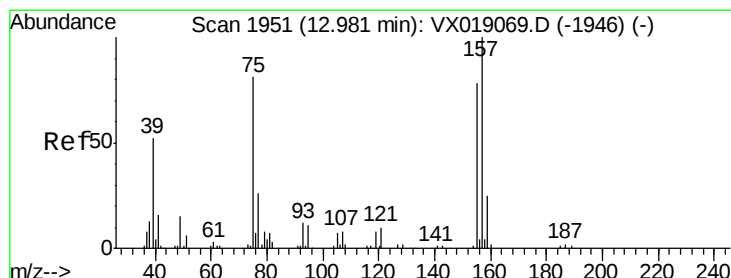
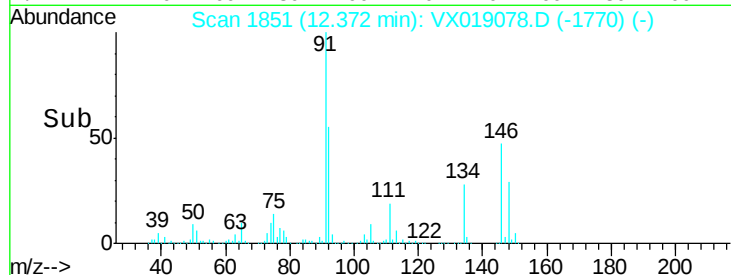
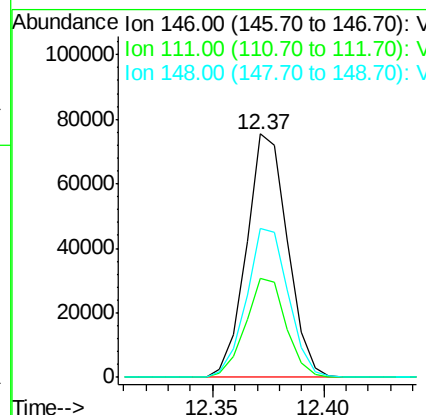
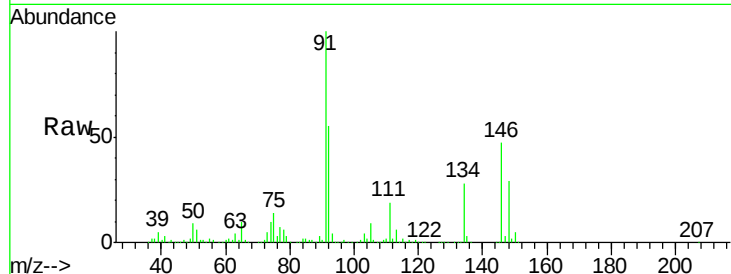
#87
 1,2-Dichlorobenzene
 Concen: 19.111 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	61.0
148	62.3	32.1	96.5

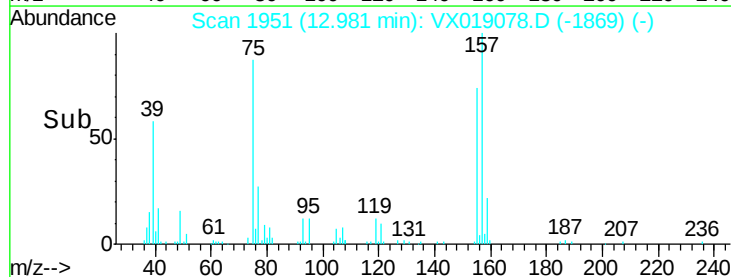
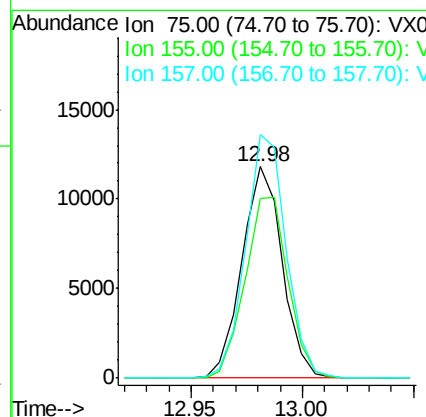
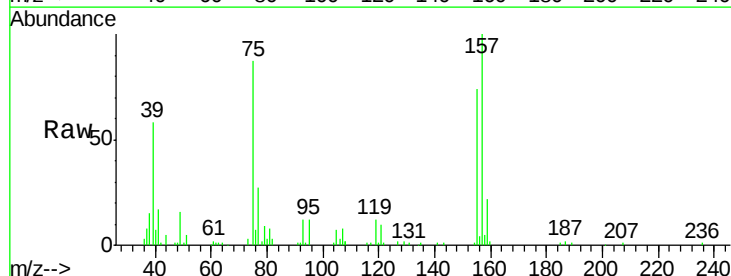
Manual Integrations
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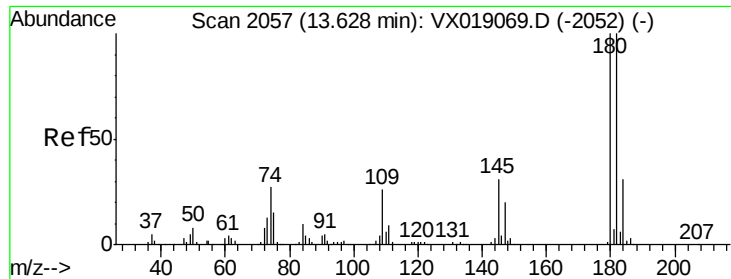
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.805 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	73.7	110.5
157	115.7	96.5	144.7





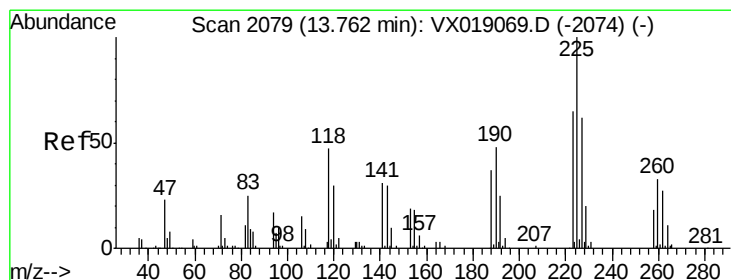
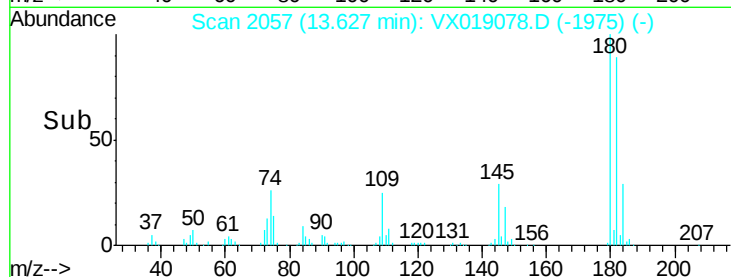
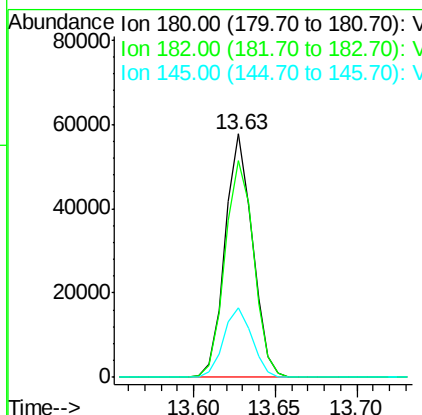
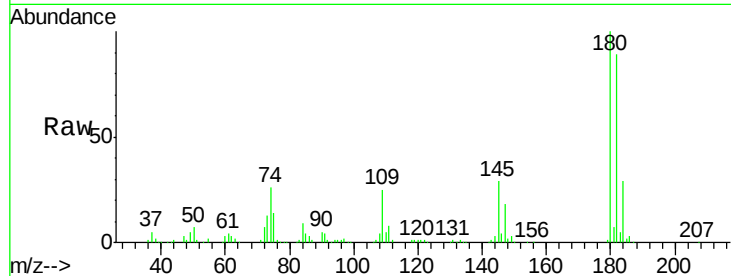
#89
 1,2,4-Trichlorobenzene
 Concen: 18.427 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.5	114.7
145	29.6	24.2	36.4

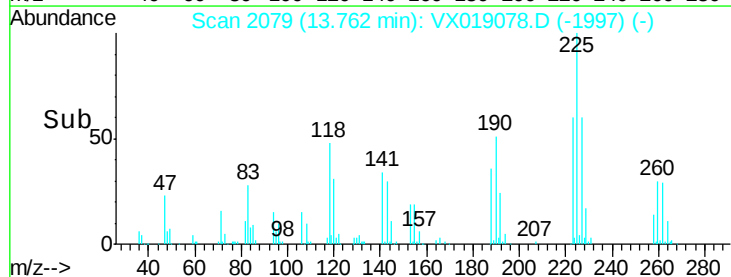
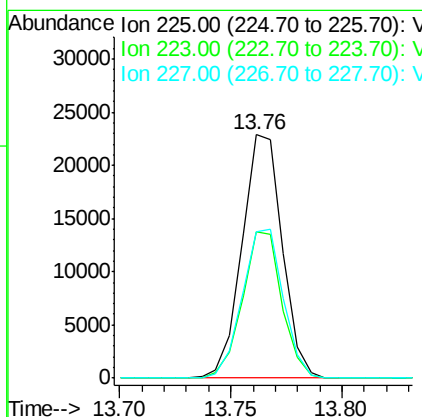
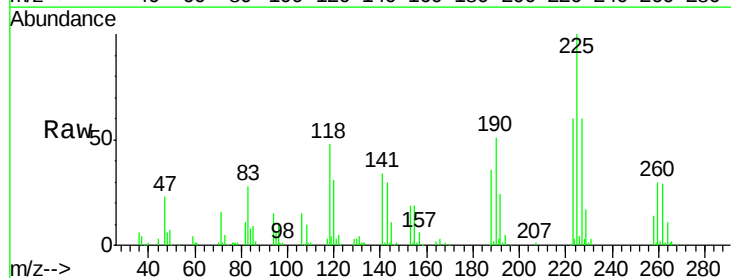
Manual Integrations
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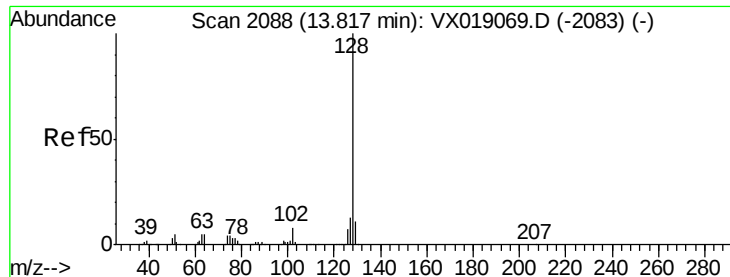
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#90
 Hexachlorobutadiene
 Concen: 18.663 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.0	0.0	130.0
227	61.9	0.0	128.6





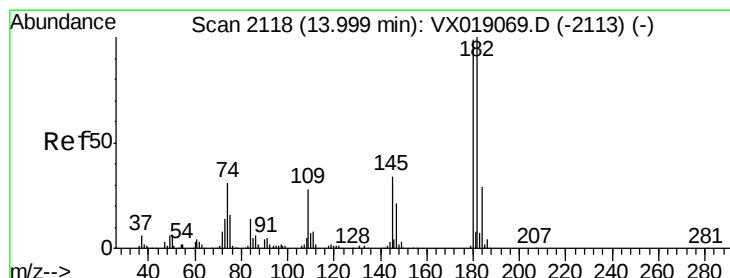
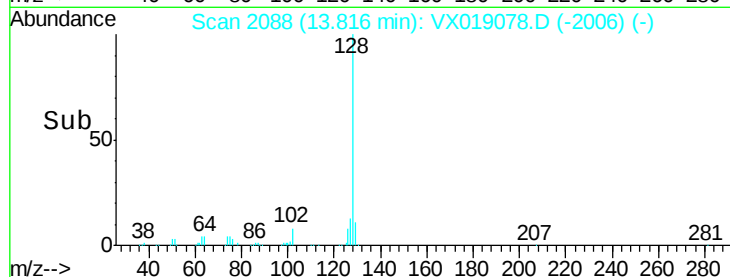
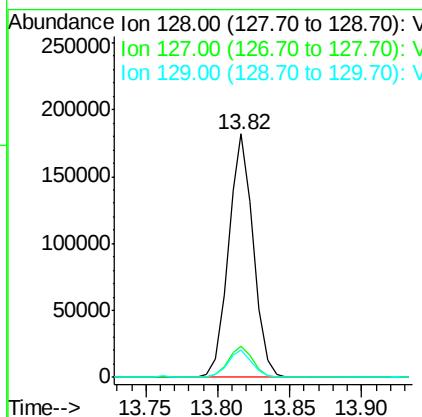
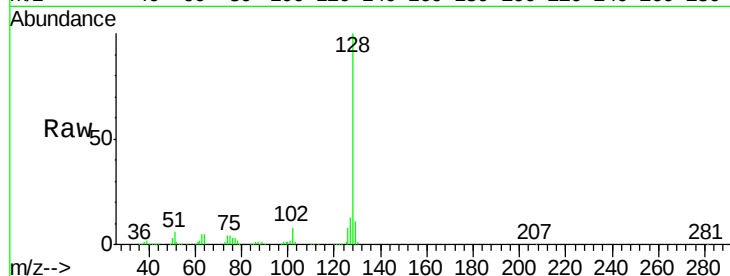
#91
Naphthalene
Concen: 18.312 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.9	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.828 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.2	0.0	192.4
145	32.0	0.0	64.6

