

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019068.D
 Acq On : 23 Oct 2020 09:53
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 11:20:32 AM

Quant Time: Oct 23 11:55:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 11:41:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49734	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	287295	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	261298	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	103861	32.33	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.77%
60) 4-Bromofluorobenzene	11.12	95	114047	28.34	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.47%
63) Toluene-d8	8.70	98	347862	30.16	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	12006	5.085	ug/l 98
3) Chloromethane	1.31	50	11409	4.497	ug/l 98
4) Vinyl Chloride	1.39	62	14335	4.492	ug/l 98
5) Bromomethane	1.63	94	11183	5.619	ug/l 96
6) Chloroethane	1.72	64	9696	4.406	ug/l 97
7) Trichlorofluoromethane	1.92	101	25248	4.965	ug/l 99
8) Diethyl Ether	2.17	74	8852	4.438	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11887	4.307	ug/l 98
10) 1,1-Dichloroethene	2.36	96	11822	4.126	ug/l 92
11) Methyl Iodide	2.49	142	6191	1.913	ug/l 94
12) Methyl Acetate	2.75	43	11095	3.933	ug/l 99
13) Acrolein	2.28	56	6388	12.854	ug/l 99
14) Acrylonitrile	3.11	53	27030	20.638	ug/l 99
15) Acetone	2.42	58	7842	18.811	ug/l 95
16) Carbon Disulfide	2.55	76	33376	4.659	ug/l 99
17) Allyl chloride	2.71	41	14442	3.914	ug/l 99
18) Methylene Chloride	2.83	84	13625	4.632	ug/l 94
19) trans-1,2-Dichloroethene	3.14	96	13698	4.630	ug/l 99
20) Diisopropyl ether	3.82	45	30146	4.344	ug/l 89
21) 1,1-Dichloroethane	3.67	63	21991	4.578	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	16180	4.811	ug/l 99
23) tert-Butyl Alcohol	3.01	59	12804m	18.073	ug/l
24) Methyl tert-Butyl Ether	3.16	73	36875	4.580	ug/l 96
25) Chloroform	5.17	83	24086	4.696	ug/l 96
26) Cyclohexane	5.54	56	17708	4.618	ug/l # 94
29) 1,1-Dichloropropene	5.76	75	18743	4.587	ug/l 98
30) 2-Butanone	4.64	43	35139	17.862	ug/l 99
31) 2,2-Dichloropropane	4.54	77	21565	4.497	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	22066	4.449	ug/l 99
33) Carbon Tetrachloride	5.75	117	18554	4.131	ug/l 98
34) Benzene	6.11	78	54645	4.514	ug/l 98
35) Methacrylonitrile	4.99	41	7349	3.563	ug/l 98
36) 1,2-Dichloroethane	6.16	62	19323	4.823	ug/l 100
37) Trichloroethene	7.18	130	15597	4.420	ug/l 97
38) Methylcyclohexane	7.43	83	21101	4.544	ug/l 98
39) 1,2-Dichloropropane	7.49	63	12481	4.262	ug/l 98
40) Dibromomethane	7.63	93	9734	4.488	ug/l 99

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
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 10/26/2020 11:20:32 AM

Quant Time: Oct 23 11:55:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 11:41:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.87	83	18464	4.210	ug/l	97
42) Vinyl Acetate	3.78	43	138906	19.404	ug/l	100
43) Ethyl Acetate	4.79	43	15773	3.842	ug/l	98
44) Isopropyl Acetate	6.40	43	25651	3.888	ug/l	98
45) 1,4-Dioxane	7.73	88	4963	70.967	ug/l #	91
46) Methyl methacrylate	7.74	41	11591	3.765	ug/l	96
47) n-amyl Acetate	10.88	43	18812	3.474	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	20714	4.159	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	22261	4.202	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	13801	4.464	ug/l	99
51) Ethyl methacrylate	9.16	69	19443	4.031	ug/l	96
52) 1,3-Dichloropropane	9.35	76	23465	4.586	ug/l	100
53) Dibromochloromethane	9.56	129	14353	3.980	ug/l	100
54) 1,2-Dibromoethane	9.65	107	15467	4.551	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	42301	16.223	ug/l	99
56) Bromoform	10.84	173	9235	3.348	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	71984	17.950	ug/l	99
59) 2-Hexanone	9.47	43	52912	17.321	ug/l	99
61) Tetrachloroethene	9.32	164	14953	4.717	ug/l	94
62) Toluene	8.76	91	65111	4.709	ug/l	99
64) Chlorobenzene	10.12	112	39191	4.509	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	13482	4.035	ug/l	98
66) Ethyl Benzene	10.23	91	70164	4.616	ug/l	99
67) m/p-Xylenes	10.34	106	50802	8.563	ug/l	97
68) o-Xylene	10.68	106	24321	4.343	ug/l	99
69) Styrene	10.70	104	39069	4.075	ug/l	99
70) Isopropylbenzene	11.00	105	65750	4.419	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	17957	3.876	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	16574m	3.851	ug/l	
73) Bromobenzene	11.24	156	15754	4.143	ug/l	98
74) n-propylbenzene	11.34	91	74310	4.379	ug/l	100
75) 2-Chlorotoluene	11.40	91	42577	4.360	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	52135	4.204	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	5927	3.254	ug/l	95
78) 4-Chlorotoluene	11.49	91	49163	4.271	ug/l	99
79) tert-butylbenzene	11.76	119	50739	4.053	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	52443	4.230	ug/l	99
81) sec-Butylbenzene	11.93	105	60544	4.189	ug/l	100
82) p-Isopropyltoluene	12.05	119	55300	4.124	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	28262	4.151	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	28115	4.095	ug/l	97
85) n-Butylbenzene	12.37	91	48787	4.051	ug/l	99
86) Hexachloroethane	12.58	117	7552	3.390	ug/l	99
87) 1,2-Dichlorobenzene	12.37	146	26513	4.032	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	3698	3.339	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	17996	3.744	ug/l	97
90) Hexachlorobutadiene	13.76	225	7903	3.940	ug/l	99
91) Naphthalene	13.82	128	57824	3.700	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	17995	3.854	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

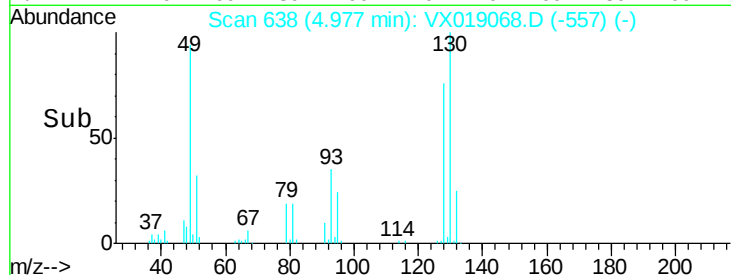
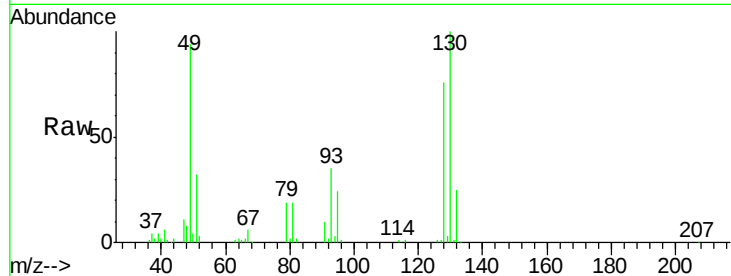
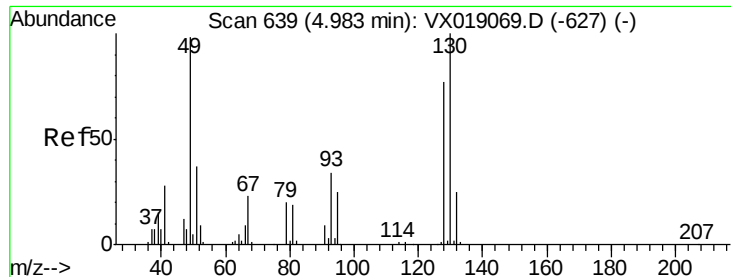
Manual Integrations
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10/26/2020 11:20:32 AM

Quant Time: Oct 23 11:55:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 23 11:41:37 2020
Response via : Initial Calibration

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



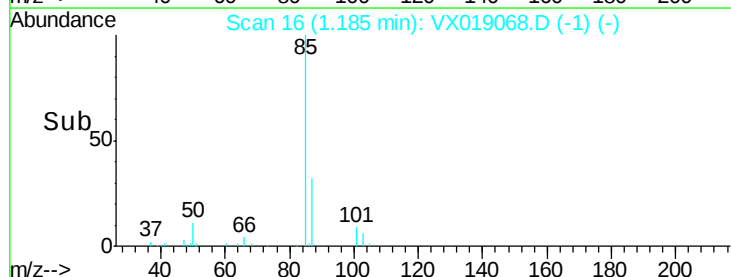
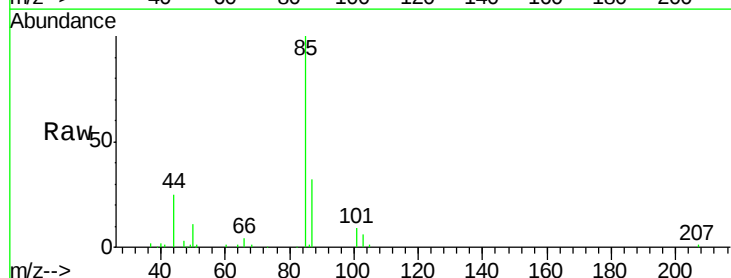
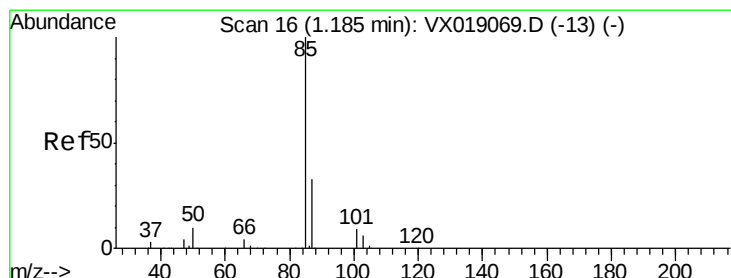
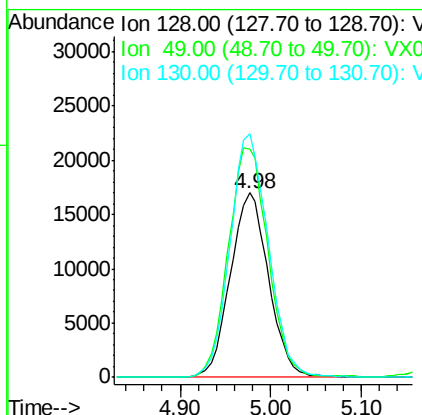
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tot Ion	Ratio	Lower	Upper
128	100		
49	129.2	0.0	318.8
130	131.7	0.0	321.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

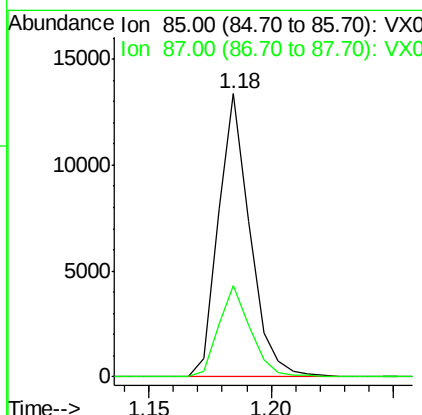
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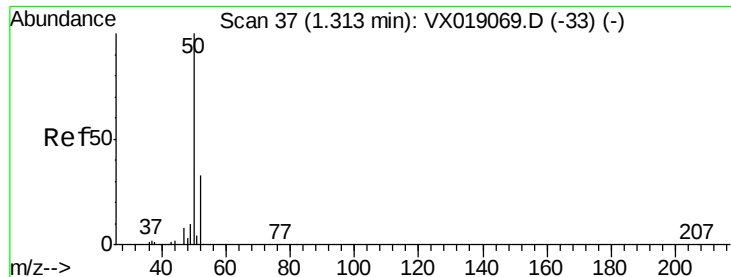
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#2
Dichlorodifluoromethane
Concen: 5.085 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.6	49.7





#3

Chloromethane

Concen: 4.497 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 11409

Ion Ratio Lower Upper

50 100

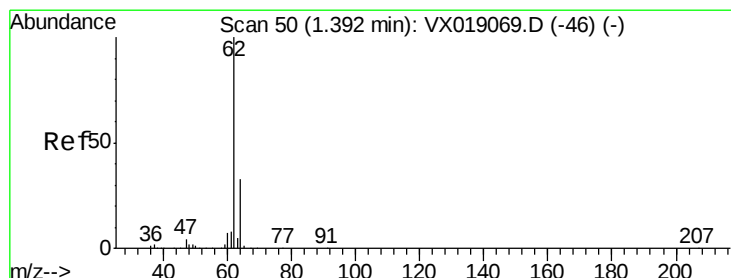
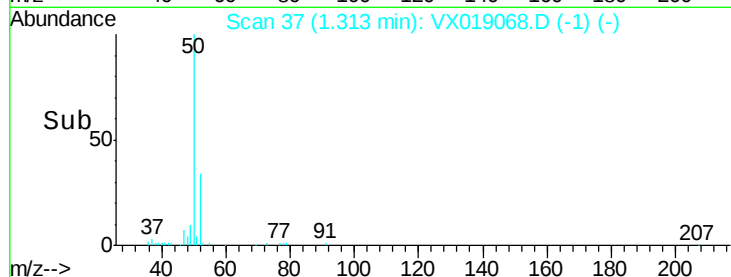
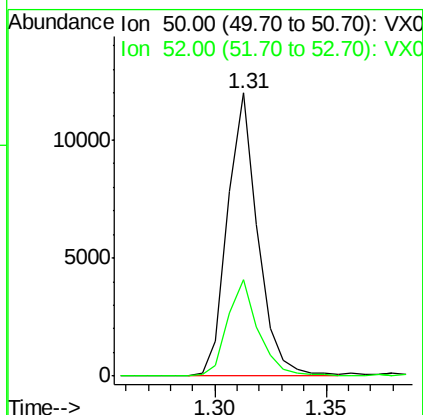
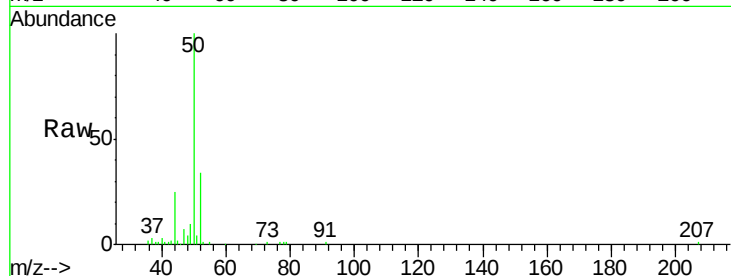
52 34.3 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 4.492 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019068.D

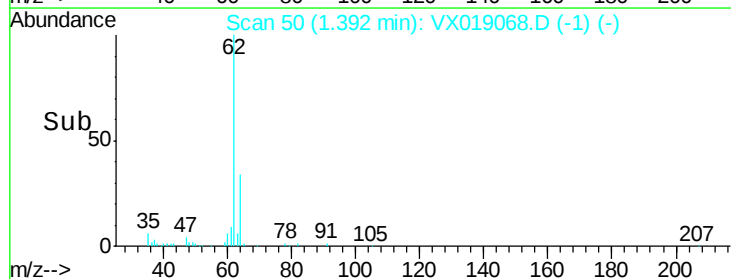
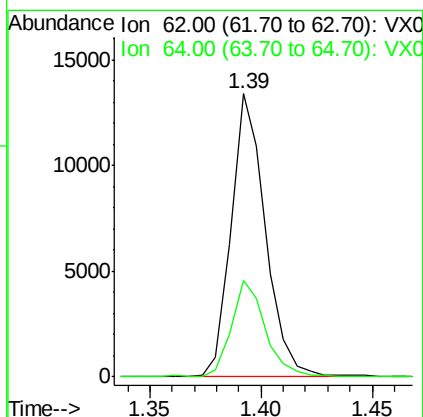
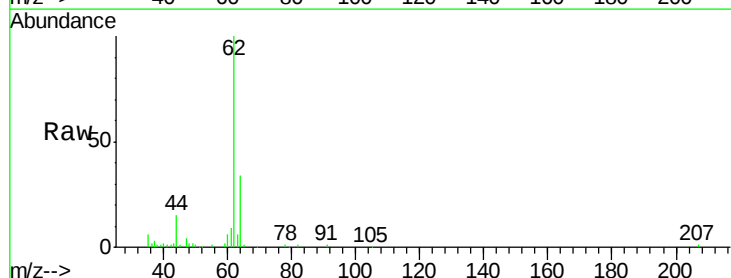
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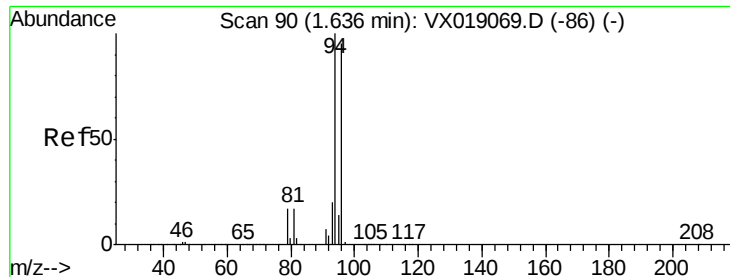
Tgt Ion: 62 Resp: 14335

Ion Ratio Lower Upper

62 100

64 34.3 26.7 40.1





#5

Bromomethane

Concen: 5.619 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 11183

Ion Ratio Lower Upper

94 100

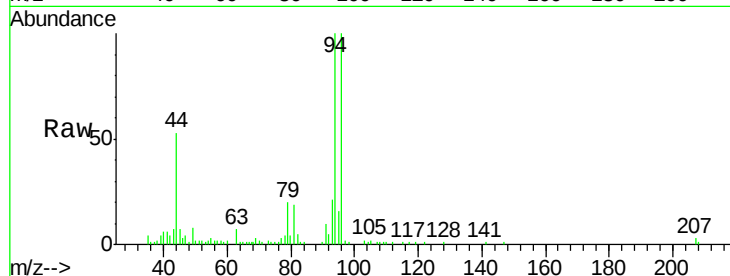
96 99.5 76.2 114.2

Manual Integrations

APPROVED

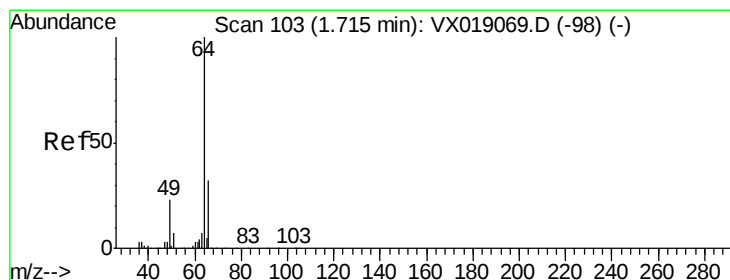
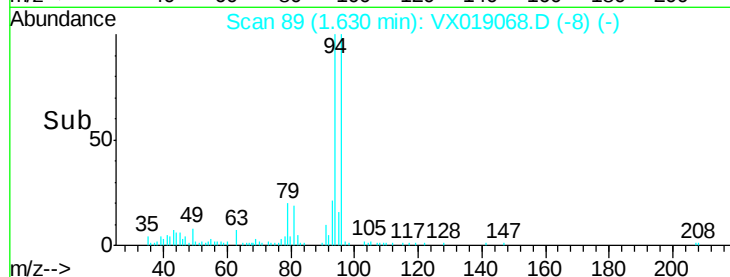
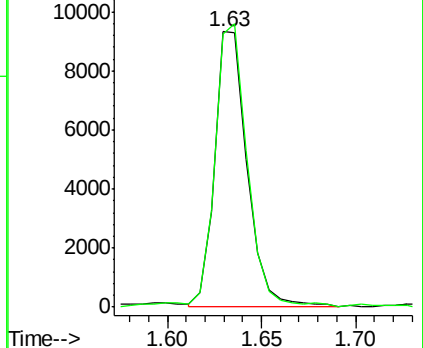
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 4.406 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX019068.D

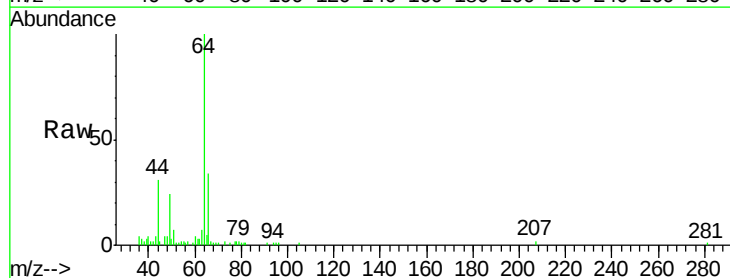
Acq: 23 Oct 2020 09:53

Tgt Ion: 64 Resp: 9696

Ion Ratio Lower Upper

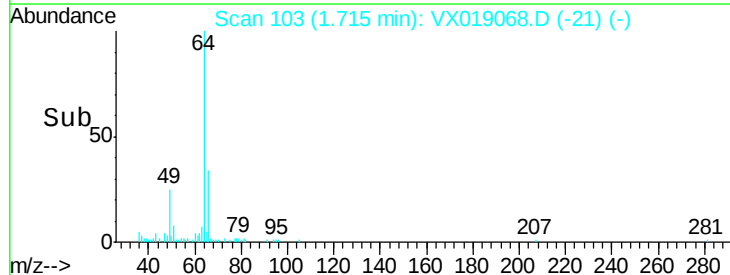
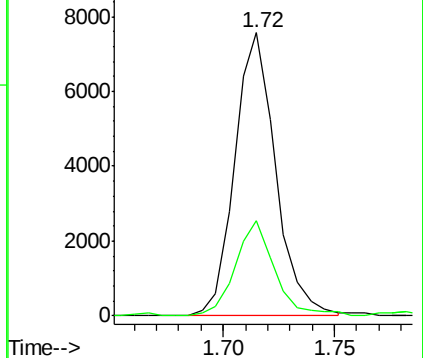
64 100

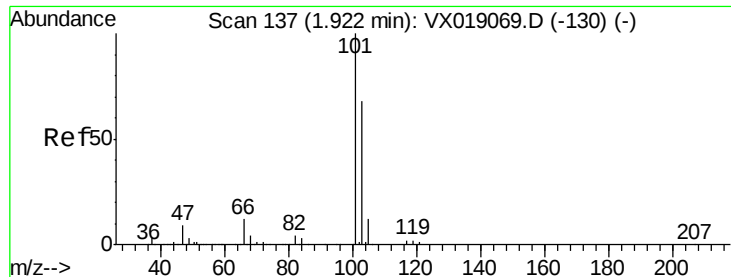
66 33.8 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

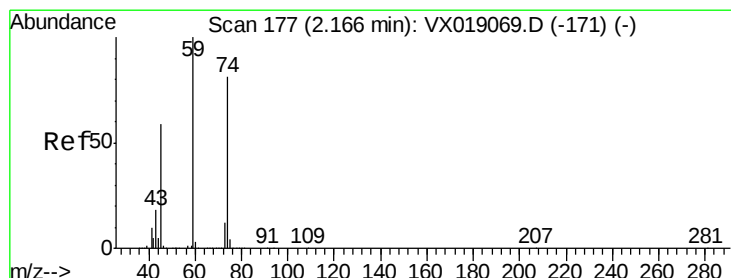
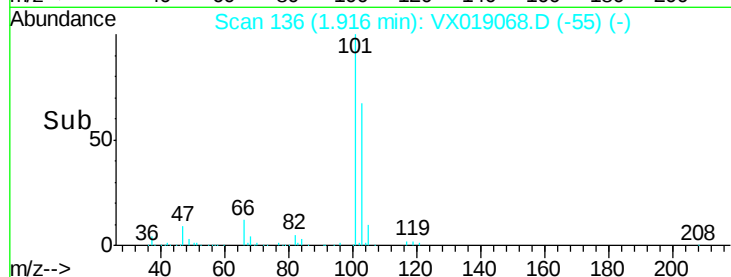
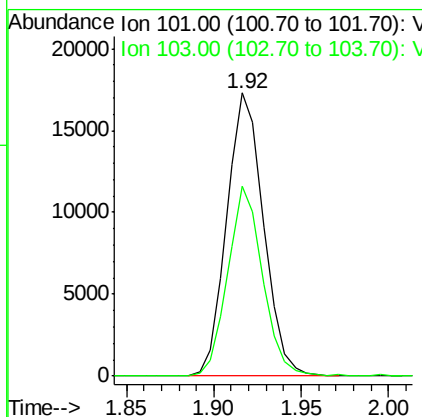
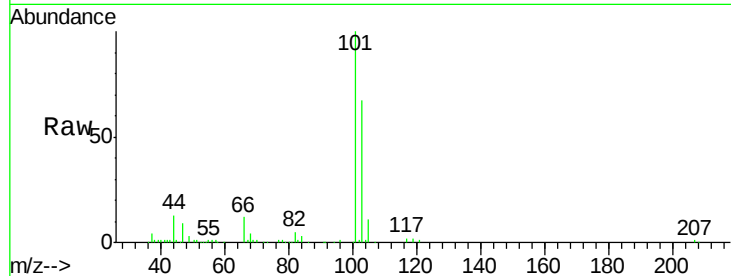
Trichlorofluoromethane
Concen: 4.965 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	54.2	81.4

Manual Integrations
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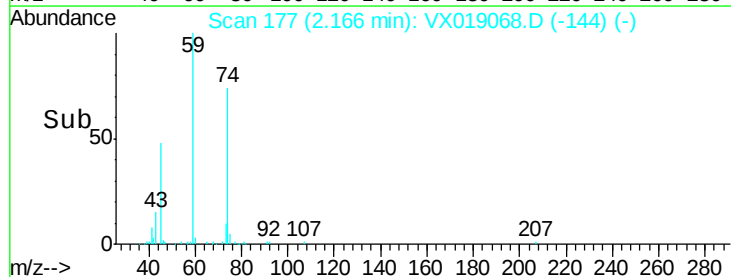
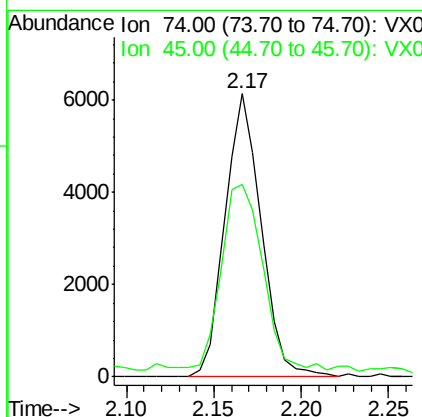
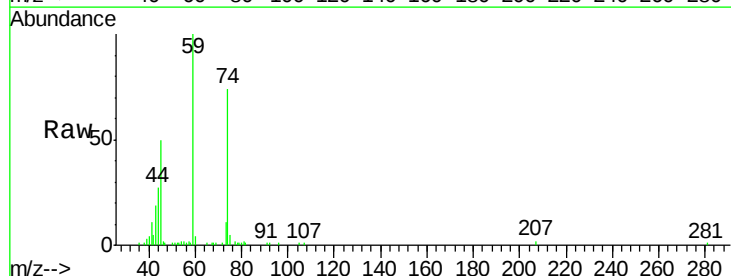
MMDadoda
10/26/2020 11:20:32 AM

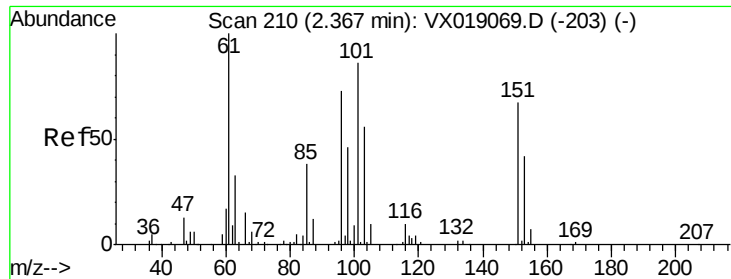


#8

Diethyl Ether
Concen: 4.438 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	75.3	14.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.307 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

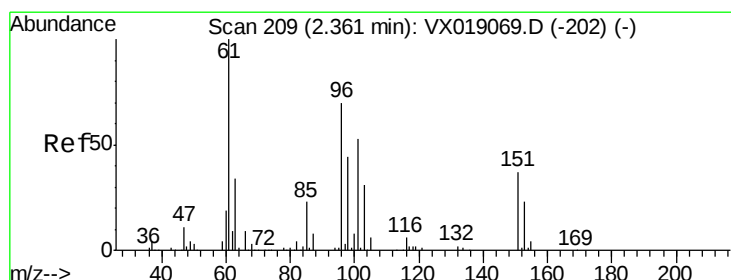
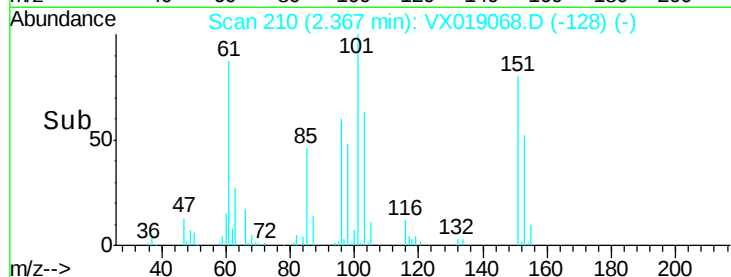
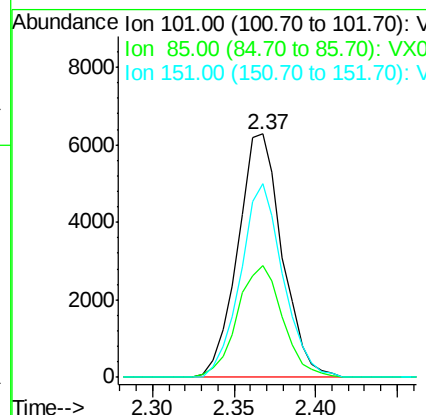
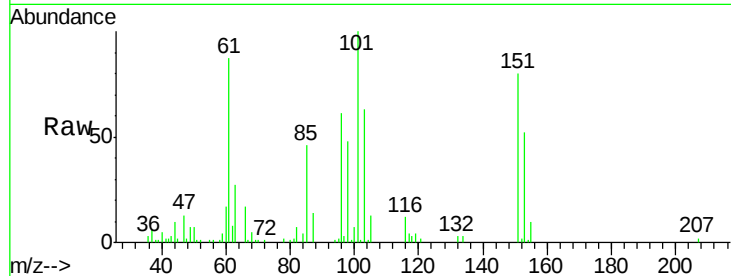
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	11887
Ion Ratio	Lower	Upper	
101	100		
85	46.9	0.0	87.0
151	76.7	0.0	151.8

Manual Integrations
APPROVED

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10/26/2020 11:20:32 AM



#10

1,1-Dichloroethene

Concen: 4.126 ug/l

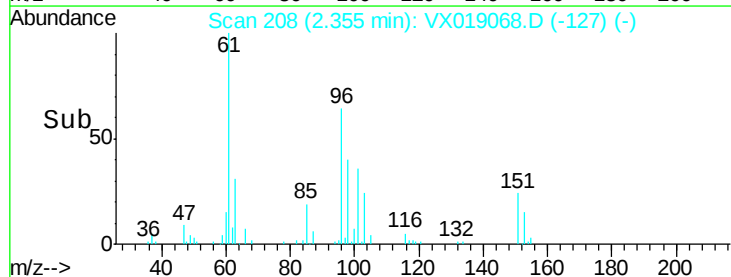
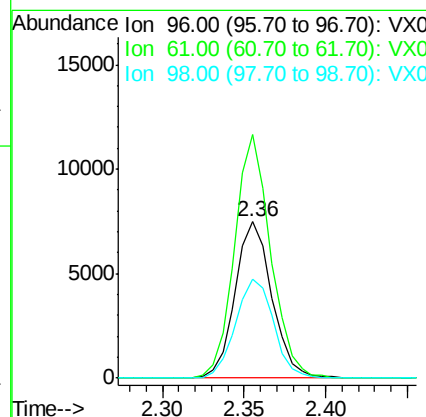
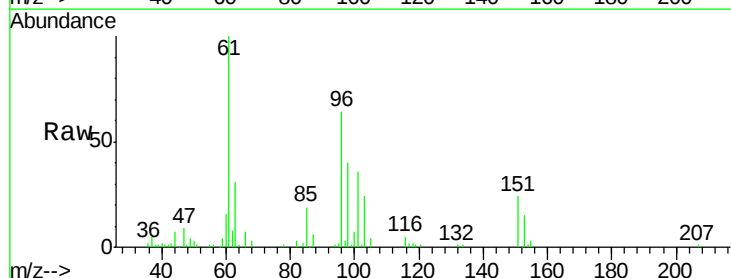
RT: 2.36 min Scan# 208

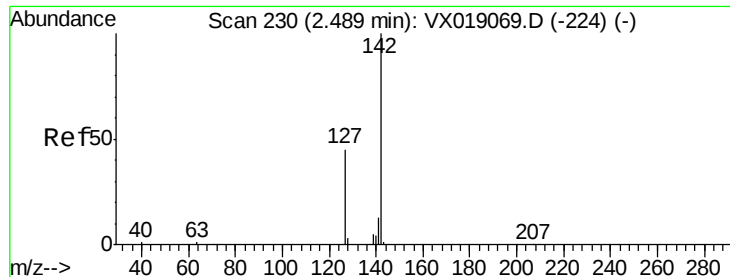
Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Tgt Ion:	96	Resp:	11822
Ion Ratio	Lower	Upper	
96	100		
61	155.8	113.8	170.8
98	63.0	50.4	75.6





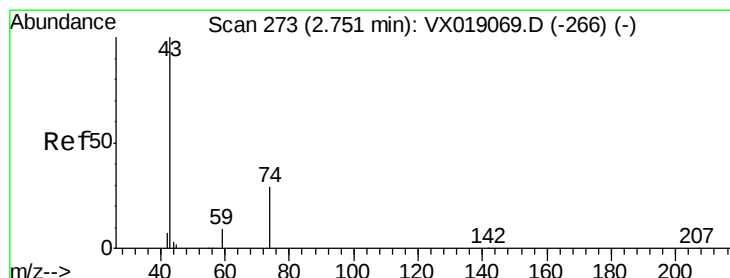
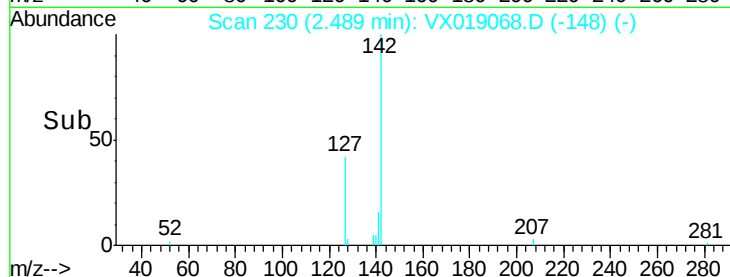
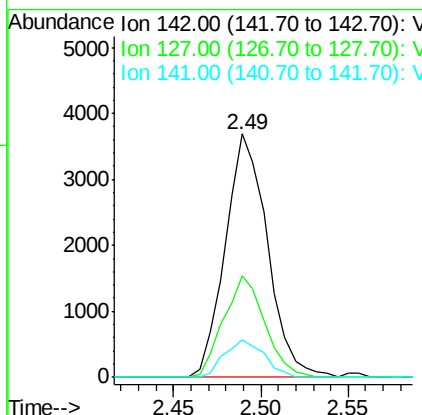
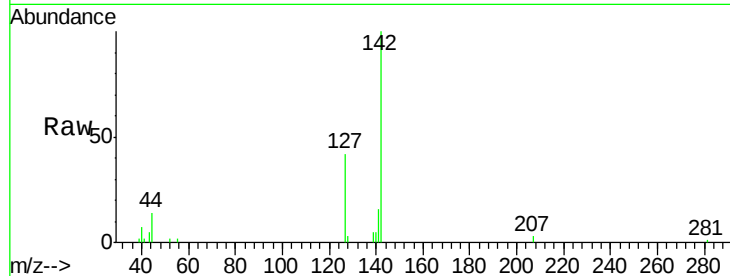
#11
Methvl Iodide
Concen: 1.913 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.8	22.6	67.7
141	15.6	6.3	19.1

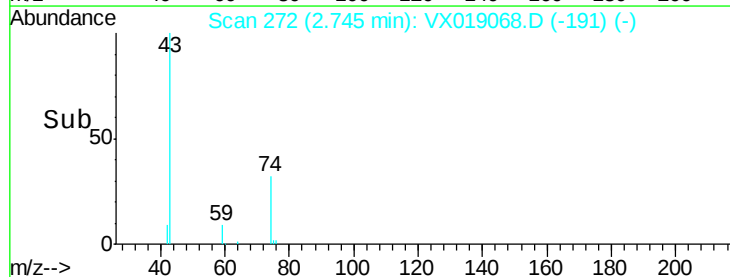
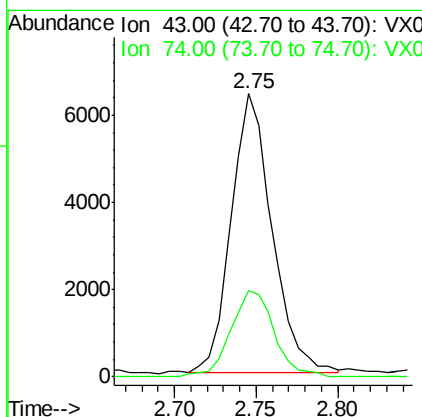
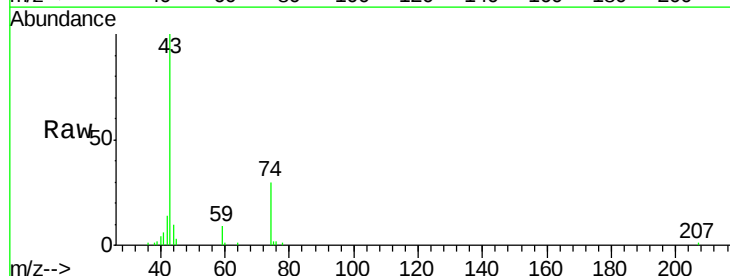
Manual Integrations
APPROVED

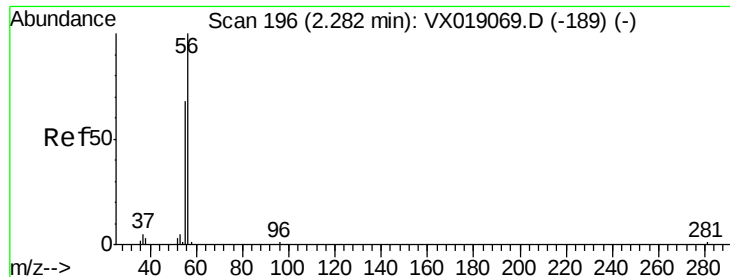
MMDadoda
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#12
Methyl Acetate
Concen: 3.933 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.6	23.9	35.9





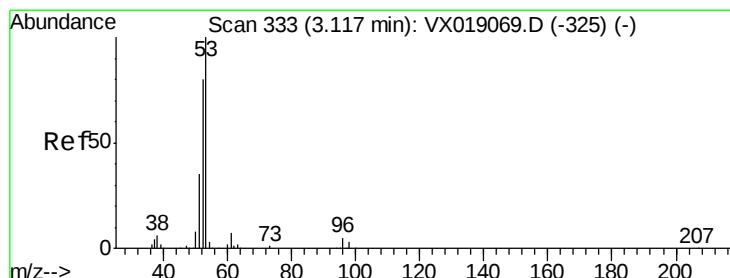
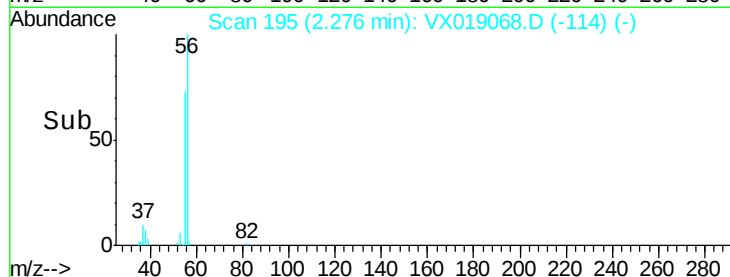
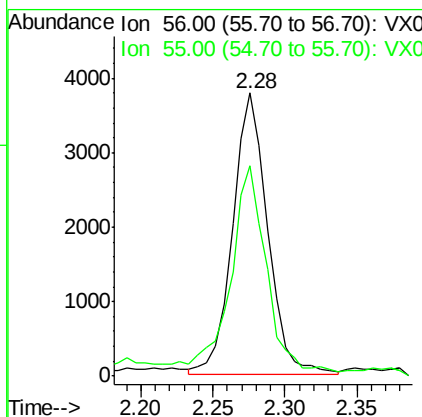
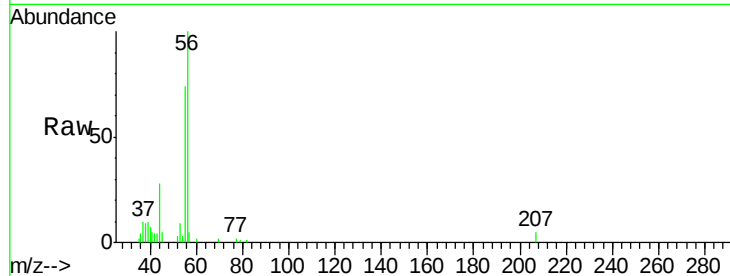
#13
Acrolein
Concen: 12.854 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	56	Resp	6388
Ion Ratio	100	Lower	Upper
55	72.0	58.2	87.2

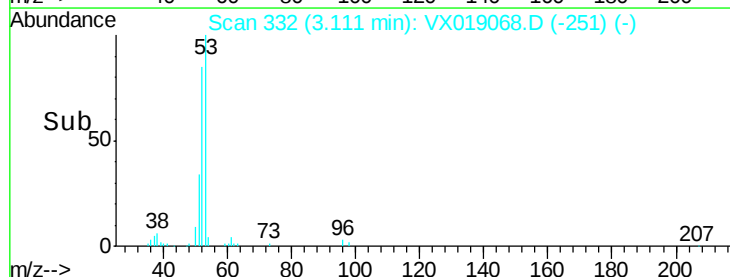
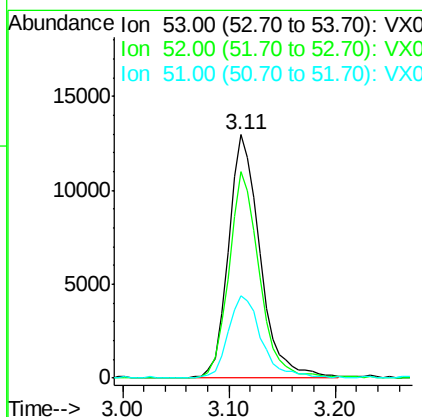
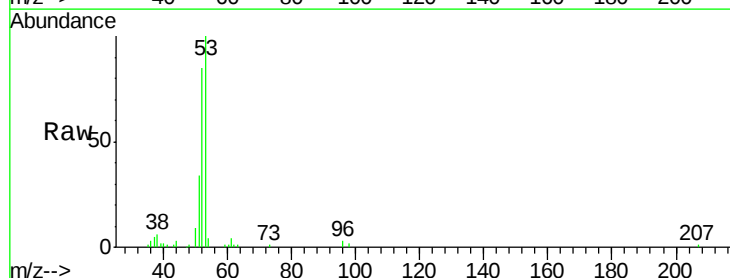
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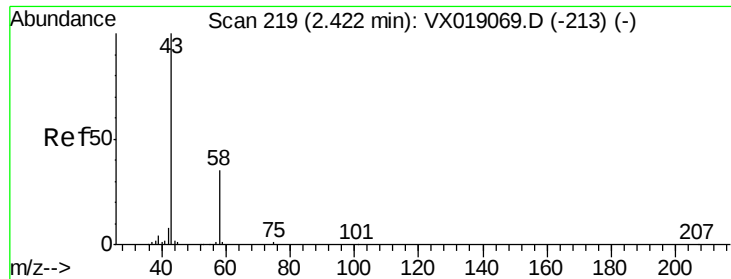
MMDadoda
10/26/2020 11:20:32 AM



#14
Acrylonitrile
Concen: 20.638 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	53	Resp	27030
Ion Ratio	100	Lower	Upper
52	81.8	41.0	123.0
51	35.6	18.2	54.6





#15

Acetone

Concen: 18.811 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 7842

Ion Ratio Lower Upper

58 100

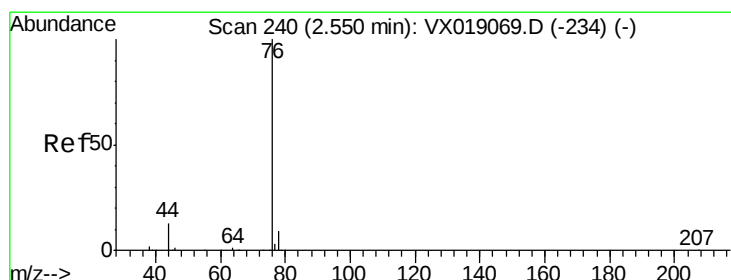
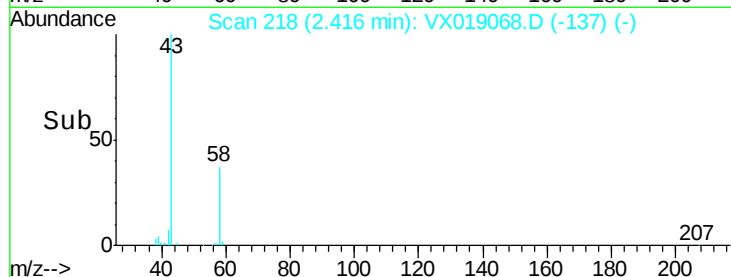
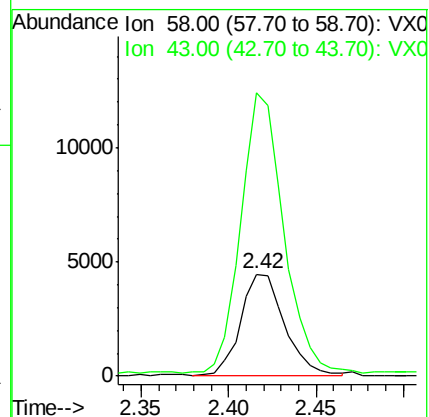
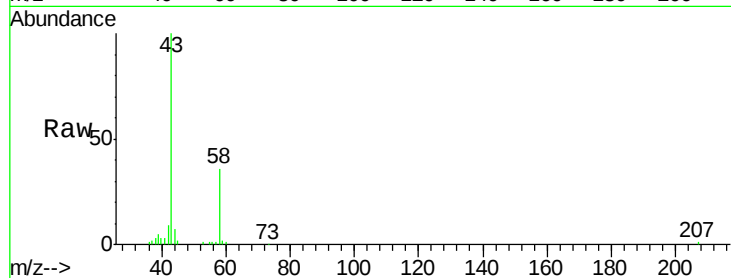
43 274.1 226.7 340.1

Manual Integrations

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#16

Carbon Disulfide

Concen: 4.659 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019068.D

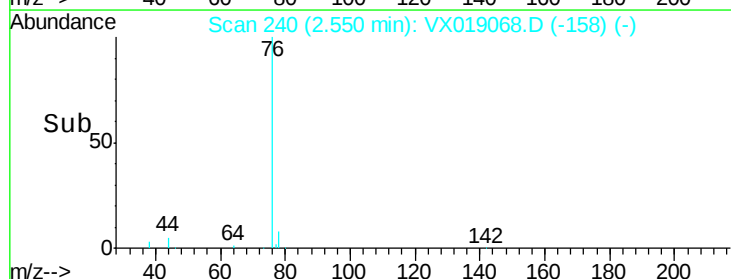
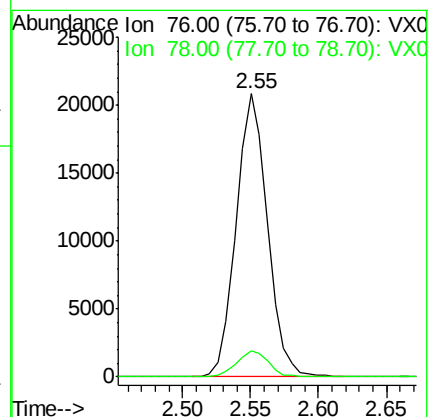
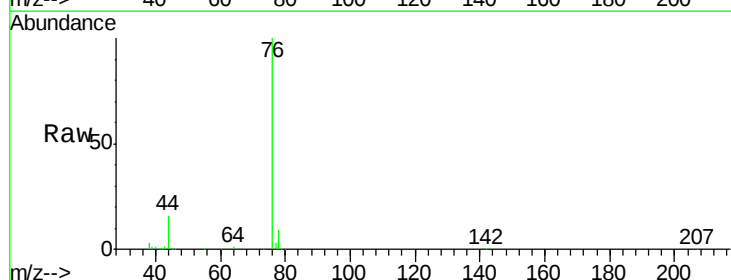
Acq: 23 Oct 2020 09:53

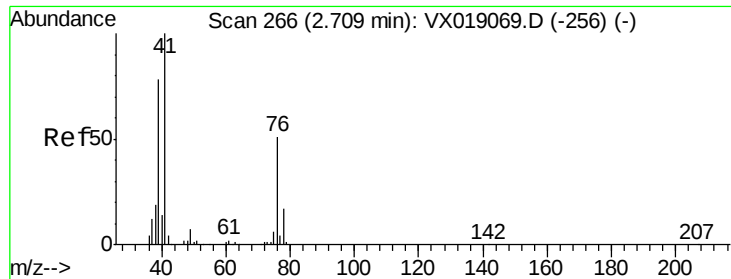
Tgt Ion: 76 Resp: 33376

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8





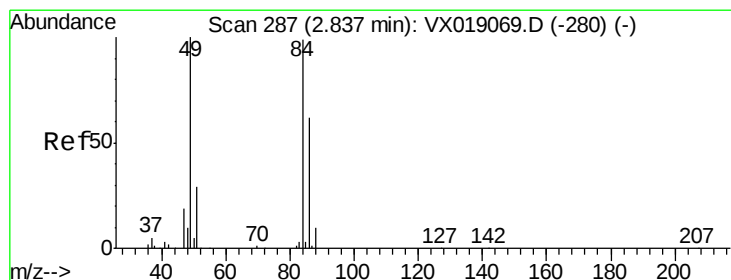
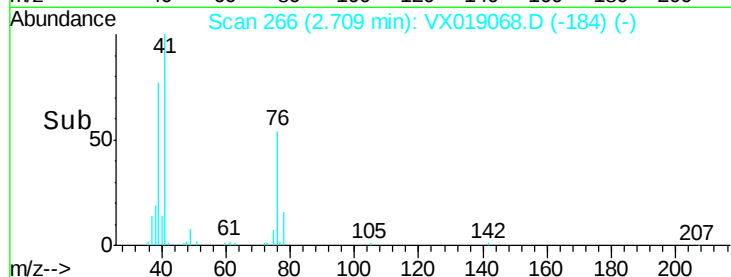
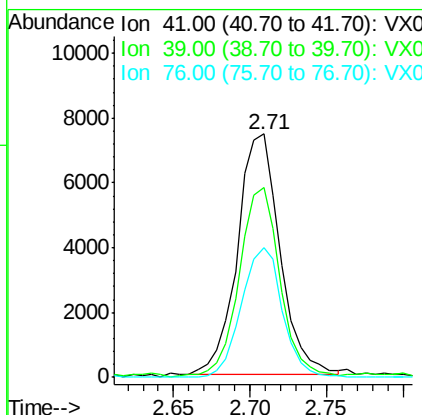
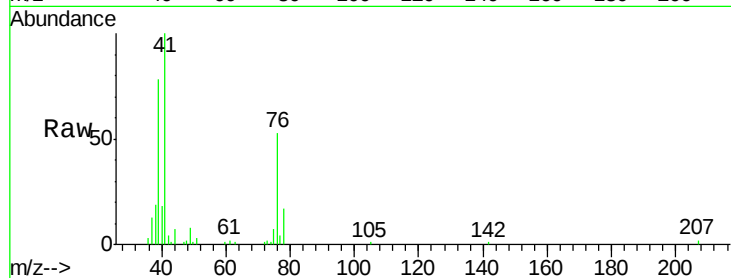
#17
Allvl chloride
Concen: 3.914 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.7	38.8	116.3
76	53.7	25.8	77.4

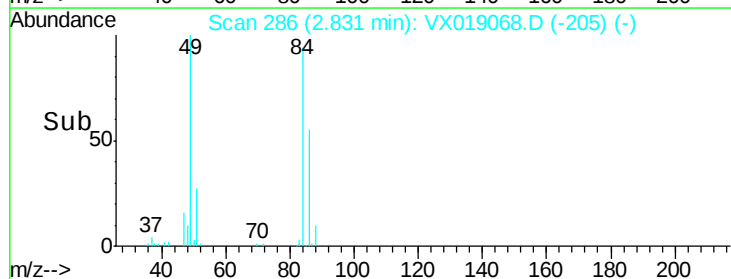
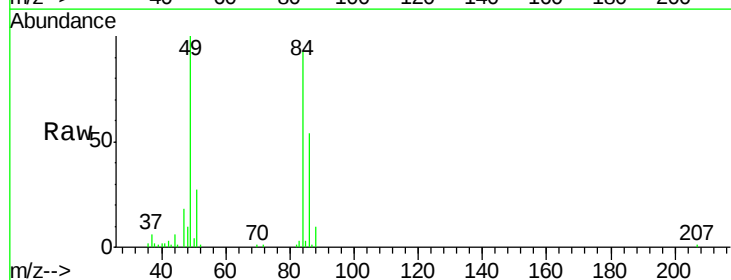
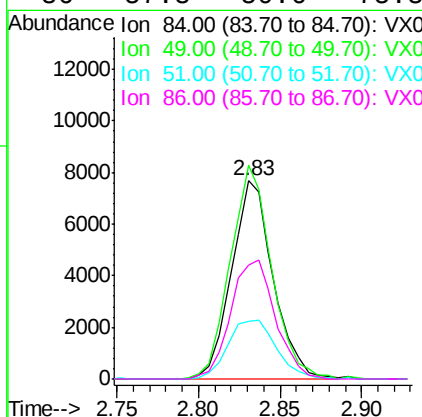
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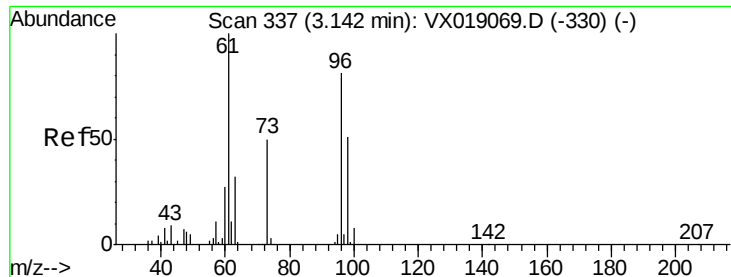
MMDadoda
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#18
Methylene Chloride
Concen: 4.632 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.8	80.9	121.3
51	28.9	23.8	35.6
86	57.8	50.6	75.8





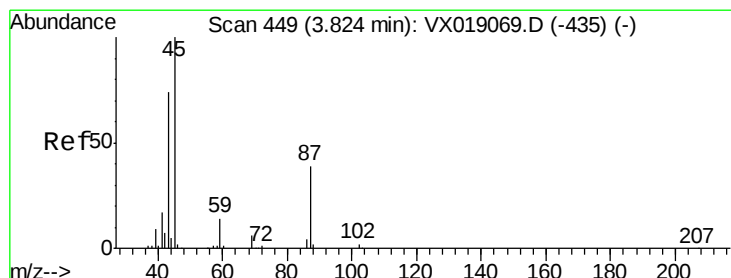
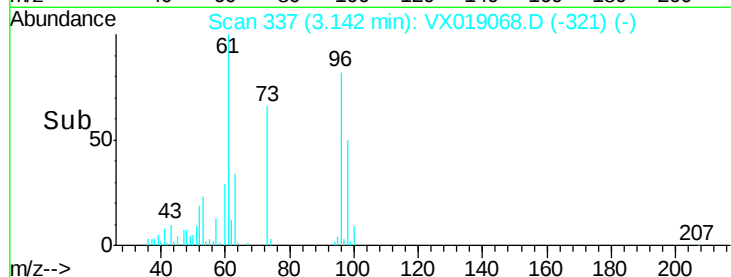
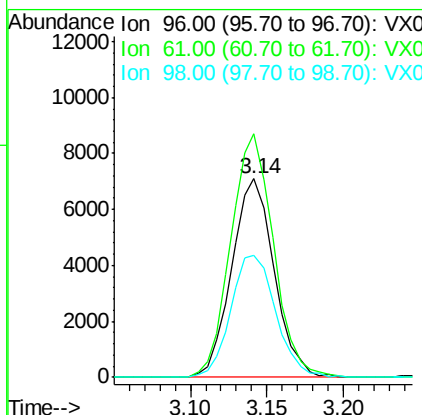
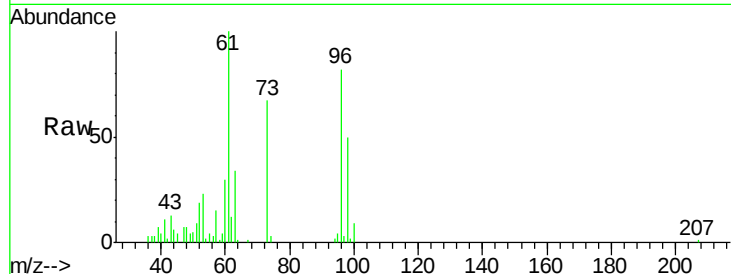
#19
trans-1,2-Dichloroethene
Concen: 4.630 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.5	98.4	147.6
98	61.3	49.9	74.9

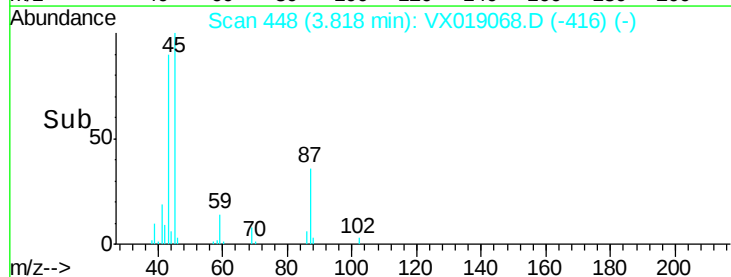
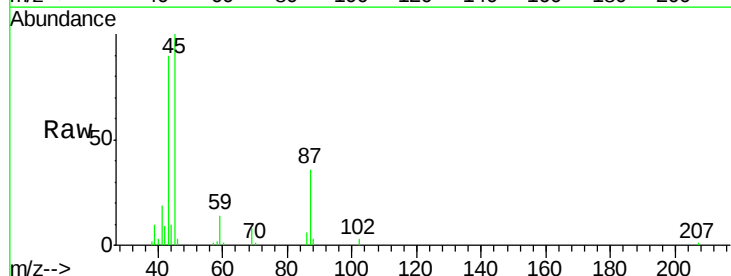
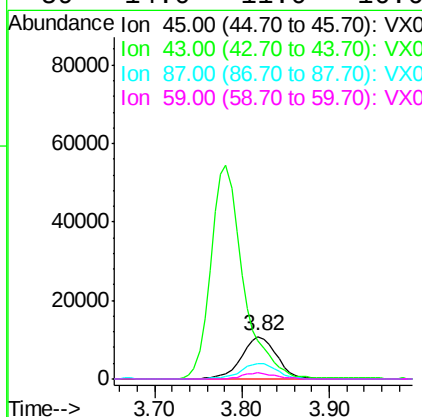
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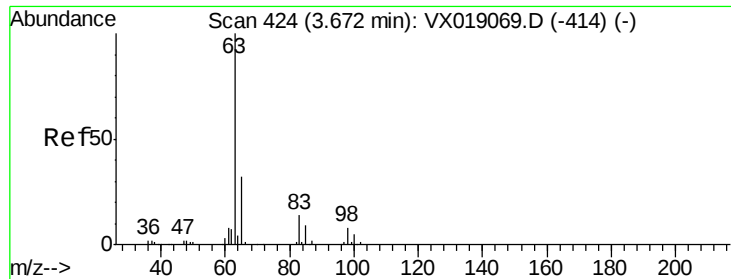
MMDadoda
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#20
Diisopropyl ether
Concen: 4.344 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
45	100		
43	88.8	60.6	91.0
87	35.6	30.9	46.3
59	14.0	11.0	16.6





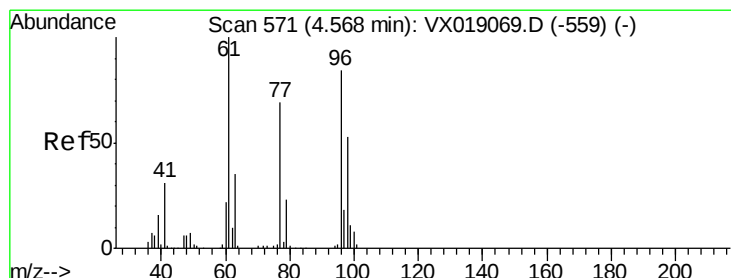
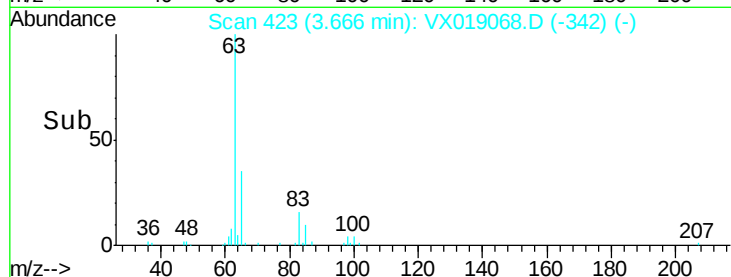
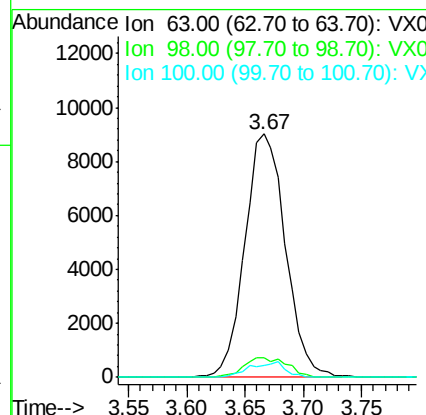
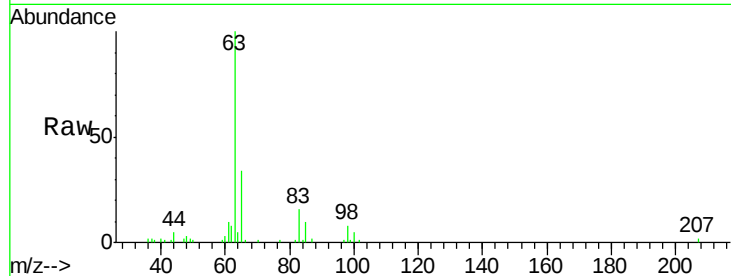
#21
1,1-Dichloroethane
Concen: 4.578 ug/l
RT: 3.67 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
63	100	21991		
98	8.0		3.9	11.7
100	4.7		2.4	7.2

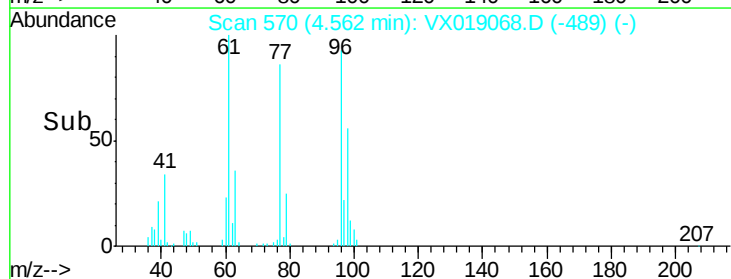
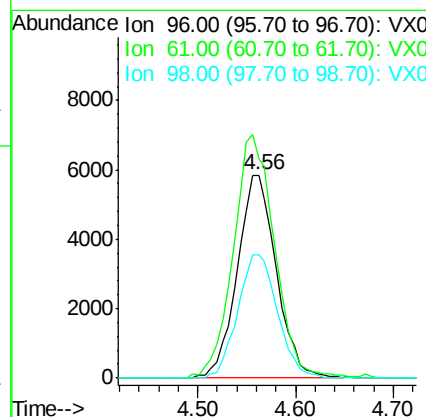
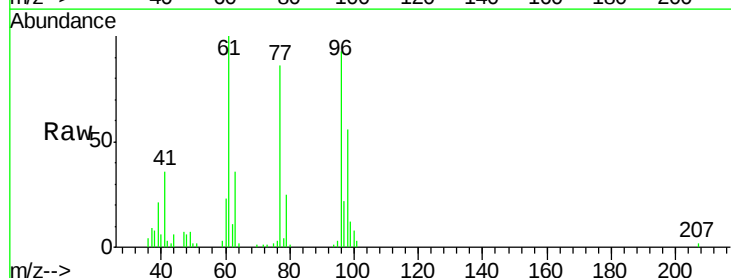
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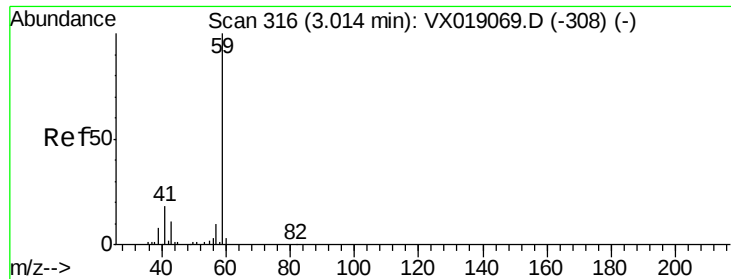
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#22
cis-1,2-Dichloroethene
Concen: 4.811 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	16180		
61	127.2		101.9	152.9
98	61.7		51.3	76.9





#23

tert-Butyl Alcohol

Concen: 18.073 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 59 Resp: 12804

Ion Ratio Lower Upper

59 100

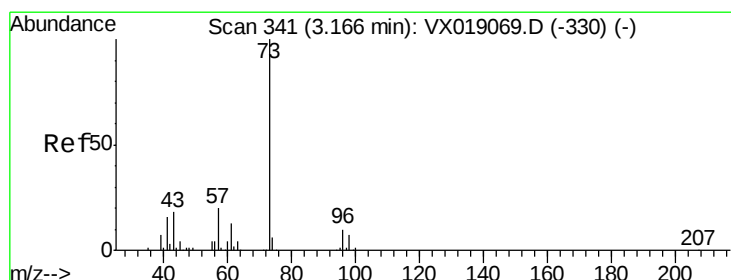
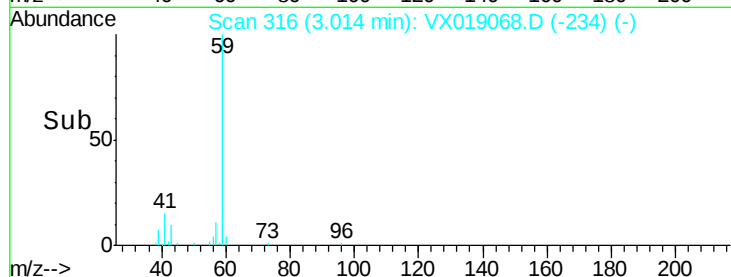
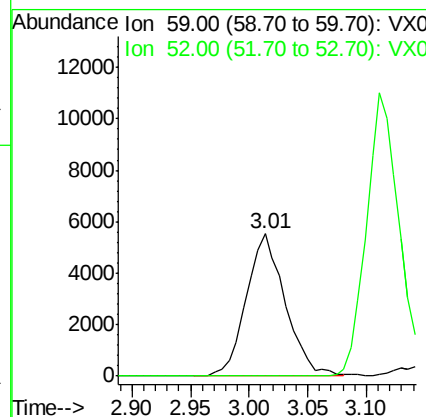
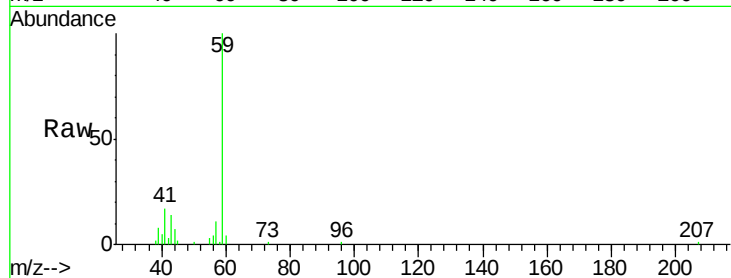
52 0.0 0.2 0.4#

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#24

Methyl tert-Butyl Ether

Concen: 4.580 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX019068.D

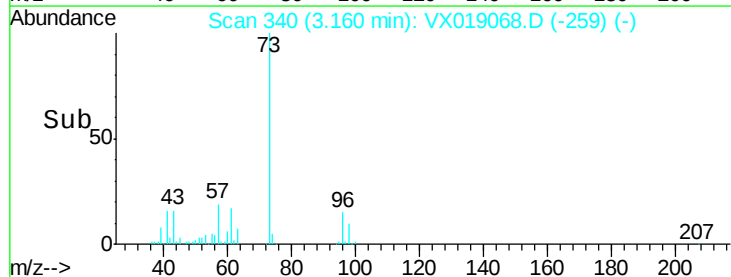
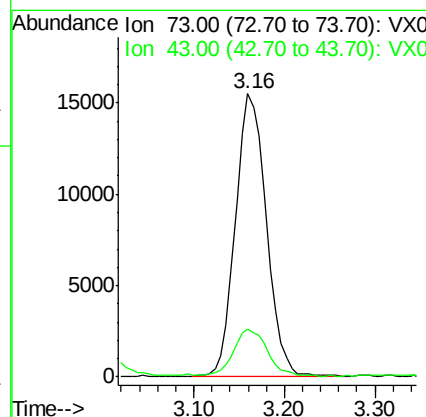
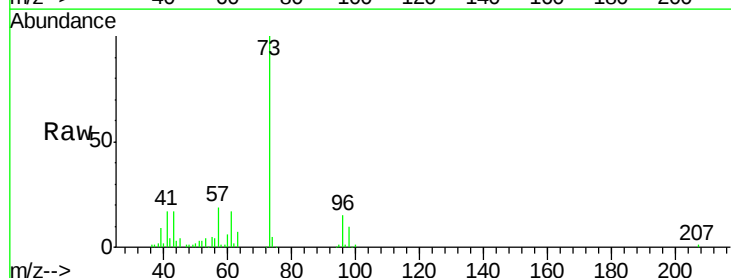
Acq: 23 Oct 2020 09:53

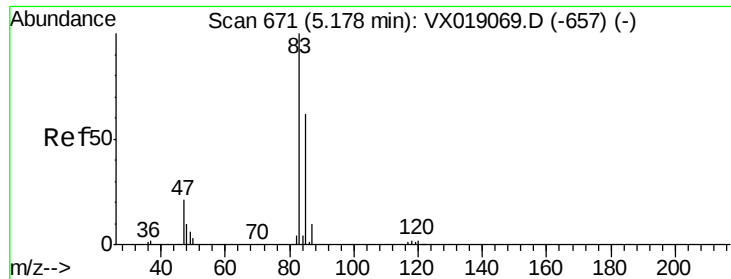
Tgt Ion: 73 Resp: 36875

Ion Ratio Lower Upper

73 100

43 19.0 13.9 20.9





#25

Chloroform

Concen: 4.696 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 24086

Ion Ratio Lower Upper

83 100

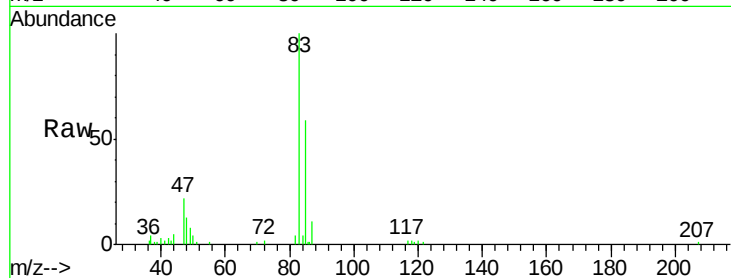
85 59.2 49.8 74.8

Manual Integrations

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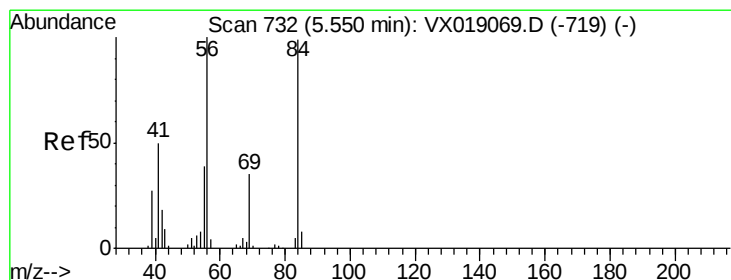
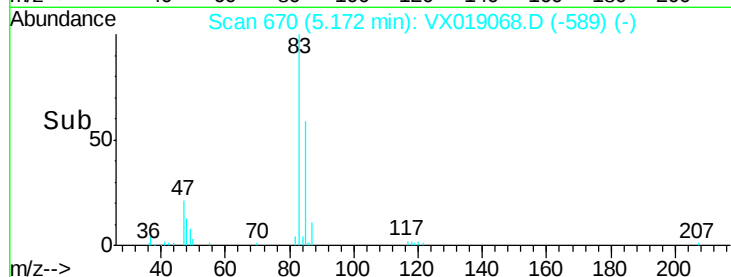
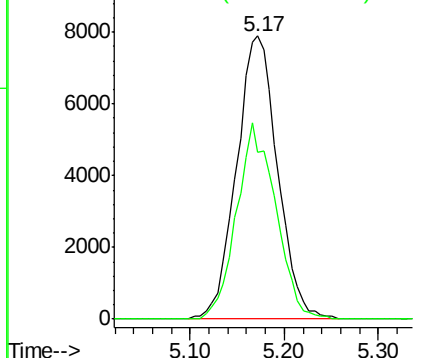
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 4.618 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

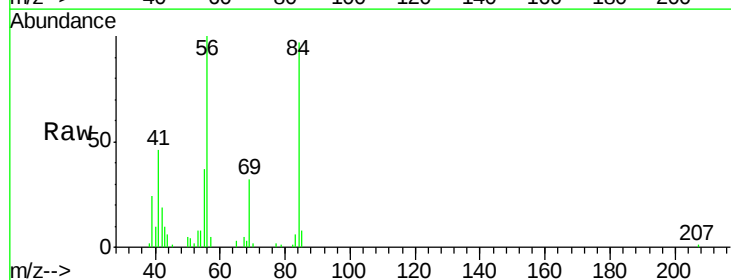
Tgt Ion: 56 Resp: 17708

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

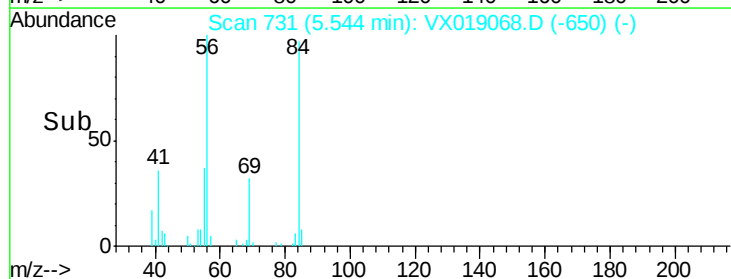
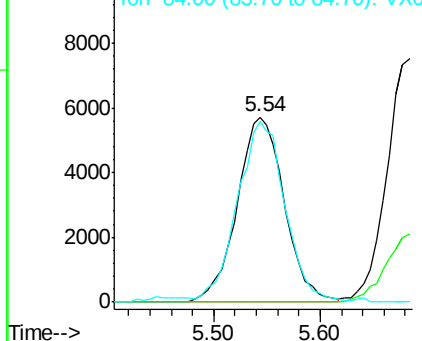
84 98.4 83.7 125.5

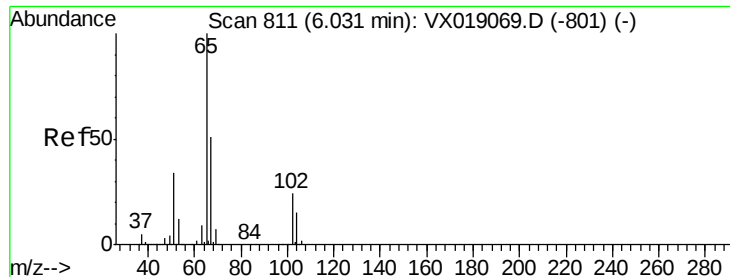


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 32.327 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 103861

Ion Ratio Lower Upper

65 100

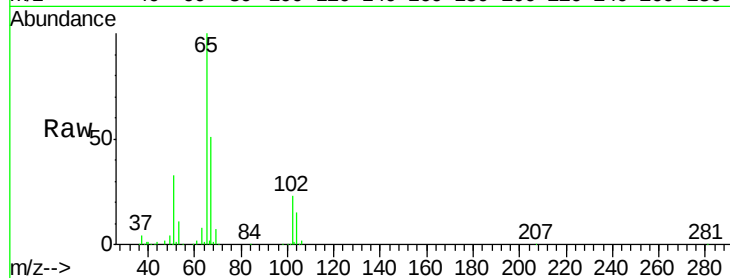
67 51.4 42.0 63.0

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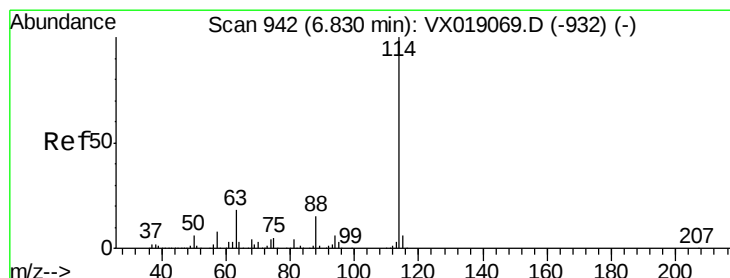
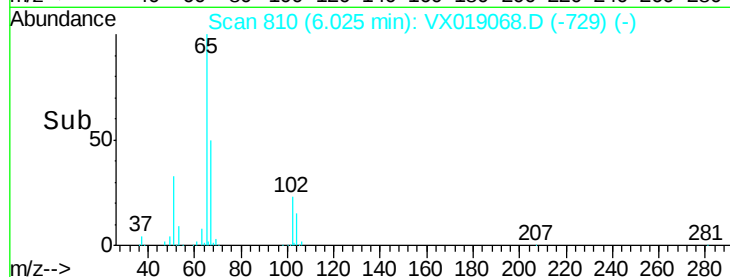
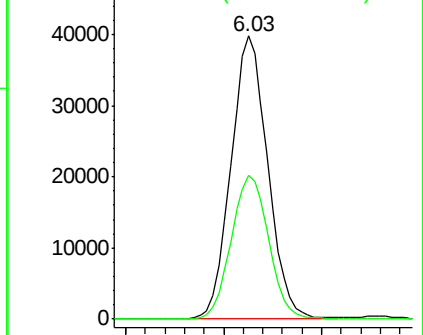
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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

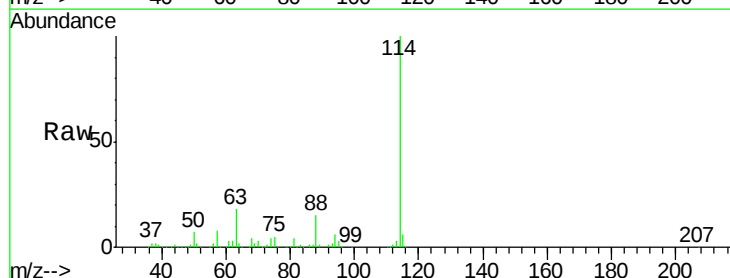
Tgt Ion: 114 Resp: 287295

Ion Ratio Lower Upper

114 100

63 18.0 14.6 21.8

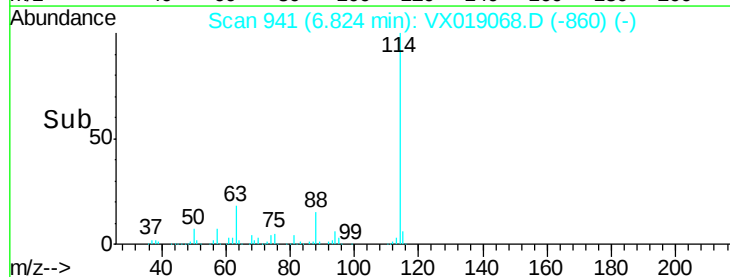
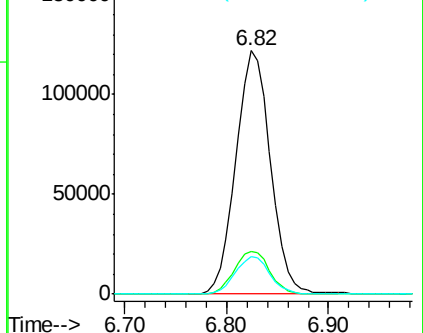
88 15.3 12.2 18.2

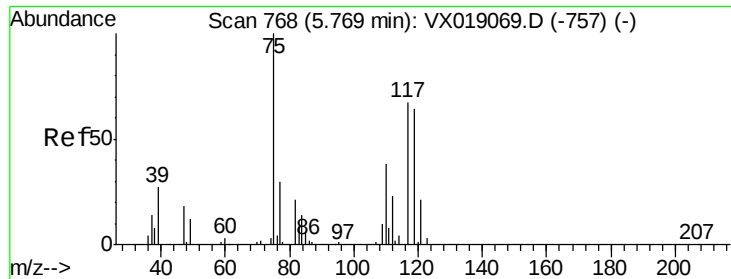


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





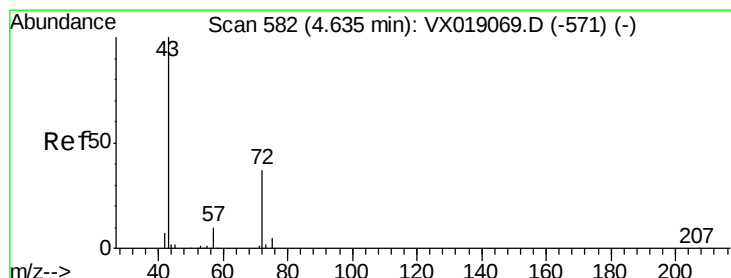
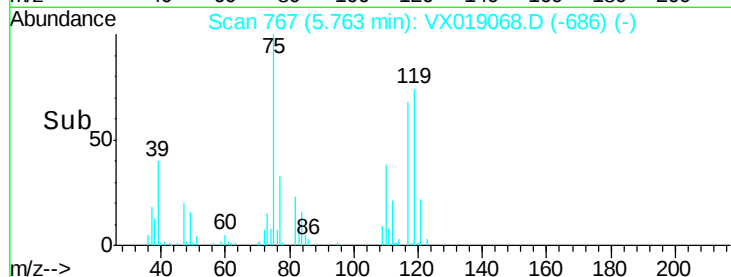
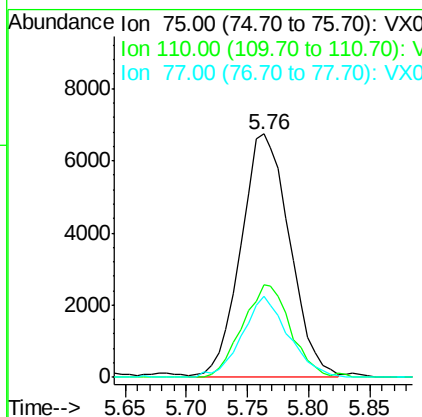
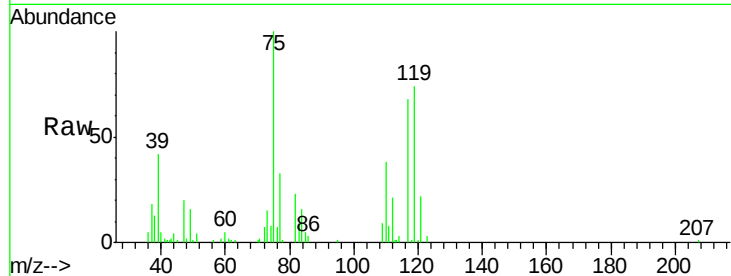
#29
 1,1-Dichloropropene
 Concen: 4.587 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.2	0.0	77.4
77	31.5	0.0	62.8

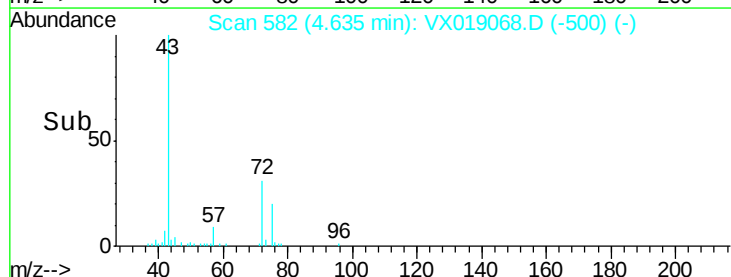
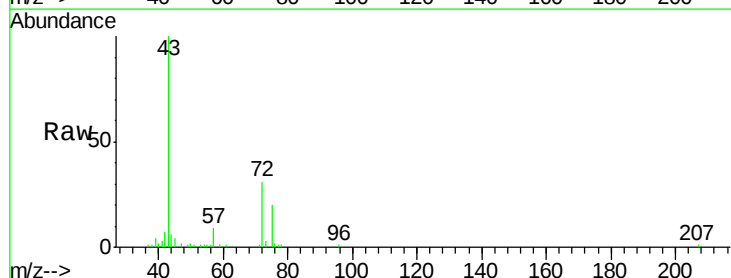
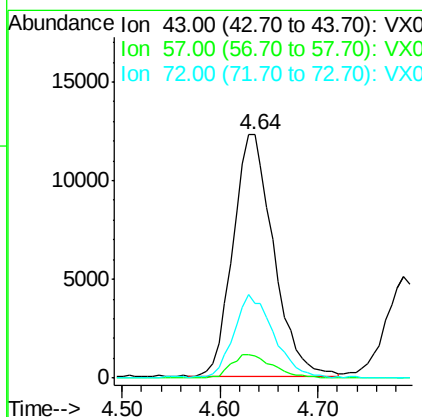
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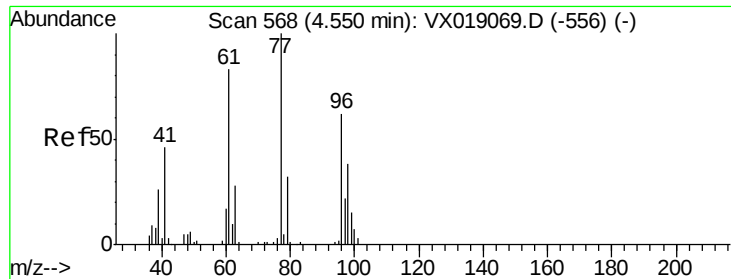
MMDadoda
 10/26/2020 11:20:32 AM



#30
 2-Butanone
 Concen: 17.862 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
43	100		
57	10.0	7.8	11.6
72	34.3	28.1	42.1





#31

2,2-Dichloropropane

Concen: 4.497 ug/l

RT: 4.54 min Scan# 566

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 77 Resp: 21565

Ion Ratio Lower Upper

77 100

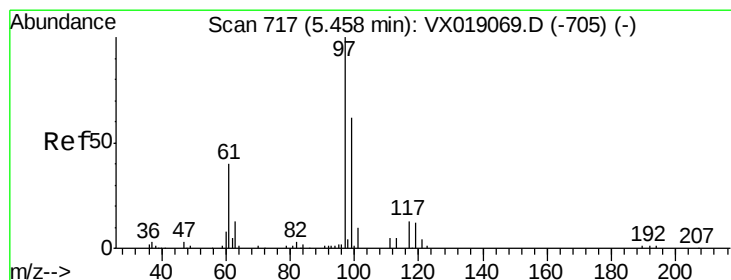
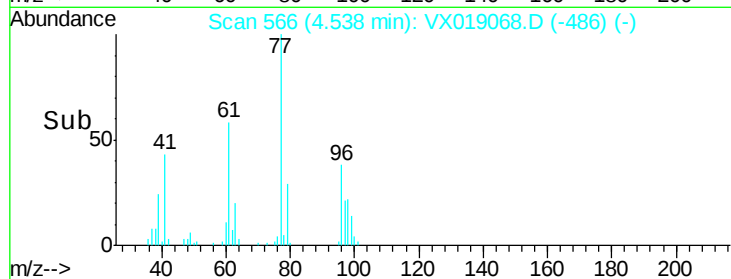
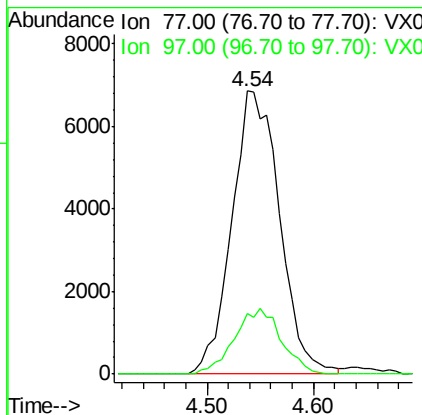
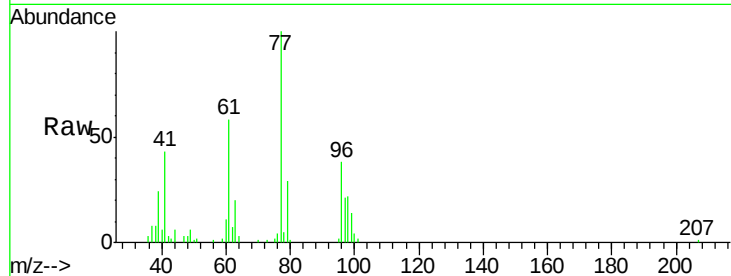
97 22.7 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 4.449 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

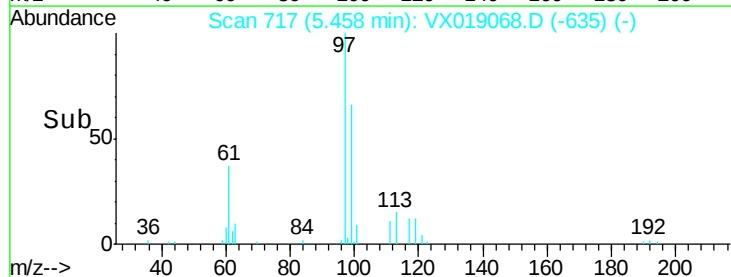
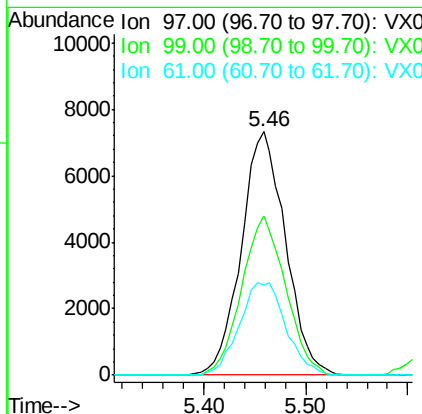
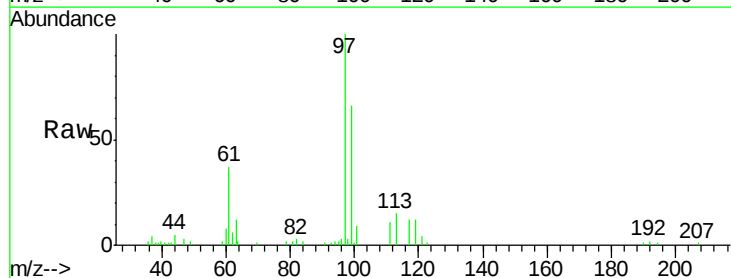
Tgt Ion: 97 Resp: 22066

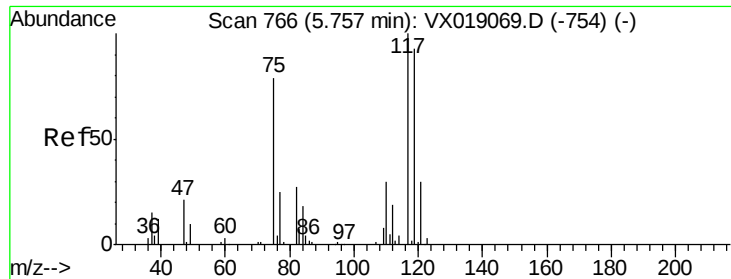
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 39.9 32.0 48.0





#33

Carbon Tetrachloride

Concen: 4.131 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

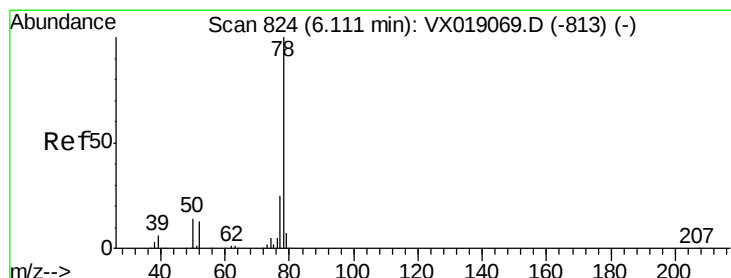
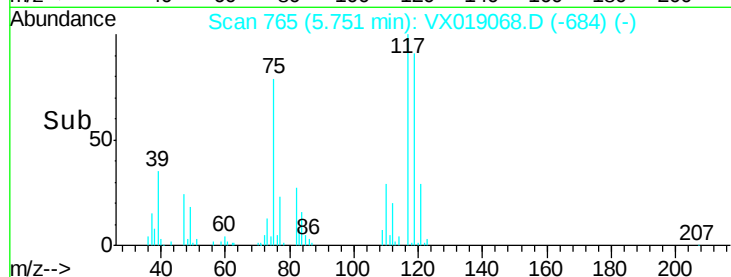
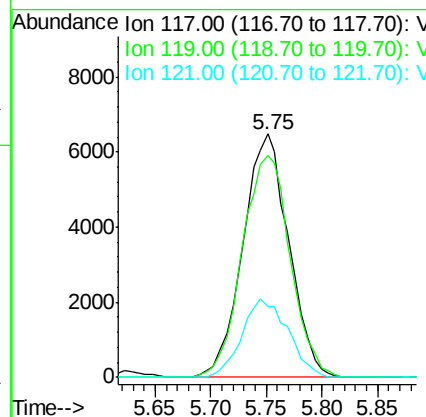
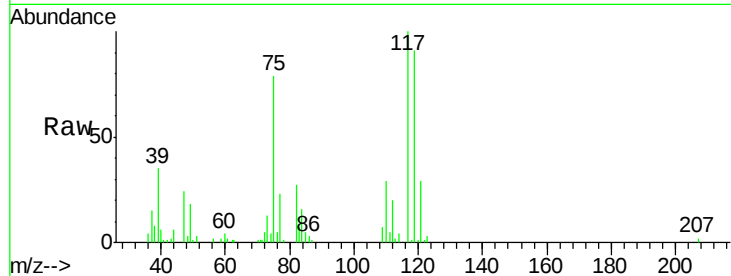
ClientSampleId :

VSTDIC005

Tot Ion:	117	Resp:	18554
Ion	Ratio	Lower	Upper
117	100		
119	90.9	74.5	111.7
121	28.8	24.1	36.1

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#34

Benzene

Concen: 4.514 ug/l

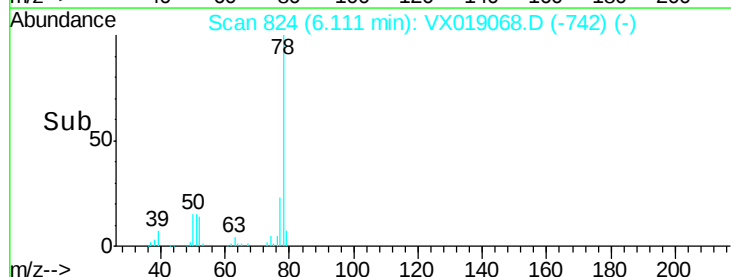
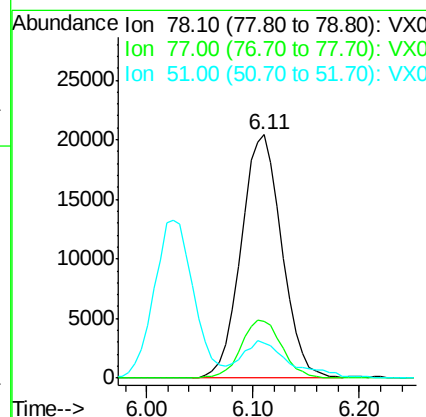
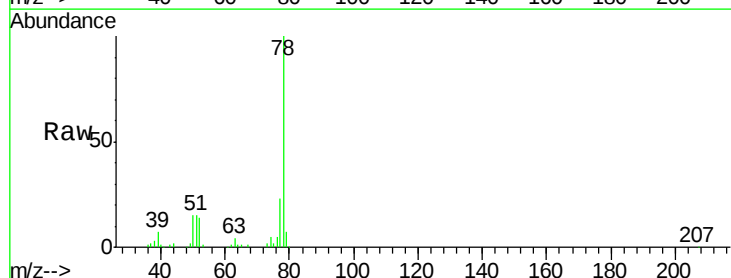
RT: 6.11 min Scan# 824

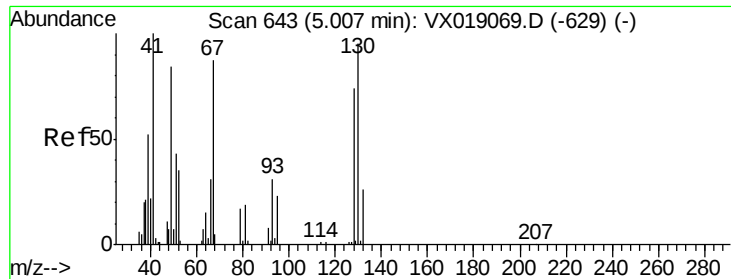
Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Tgt Ion:	78	Resp:	54645
Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.1	30.1
51	13.7	11.0	16.4





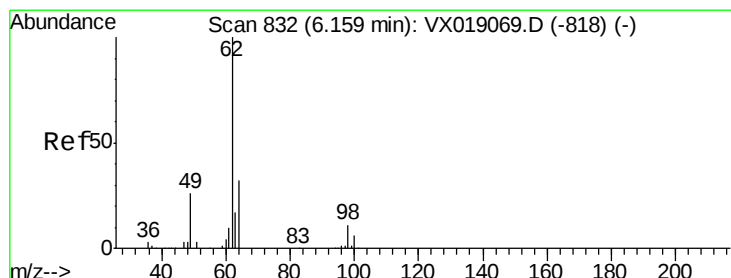
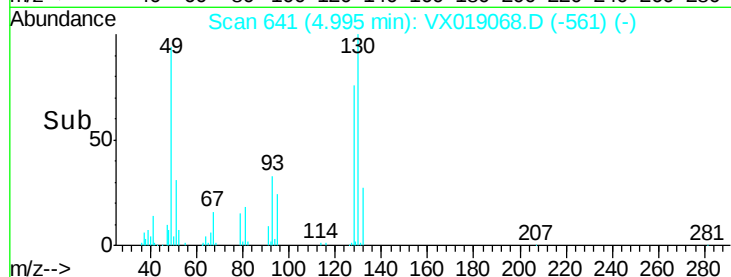
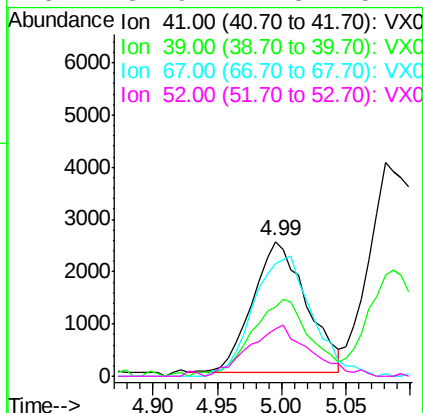
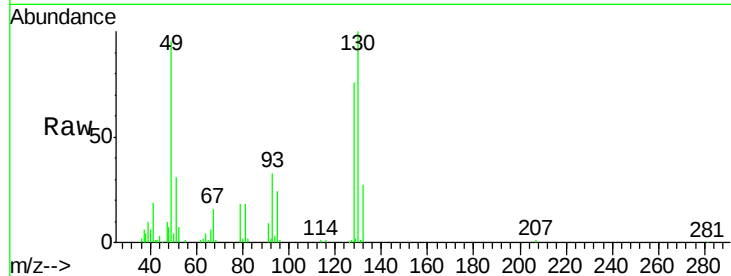
#35
Methacrylonitrile
Concen: 3.563 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	41	Resp:	7349
Ion	Ratio	Lower	Upper
41	100		
39	52.7	25.8	77.4
67	86.1	43.6	130.8
52	32.9	17.3	51.7

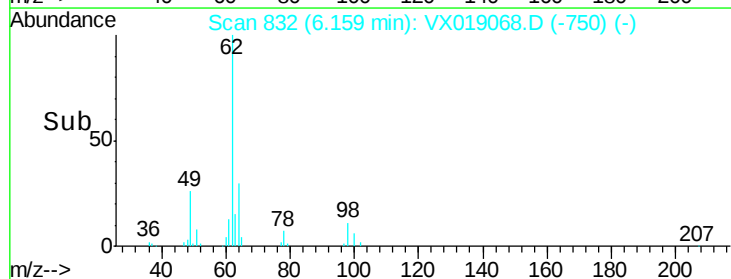
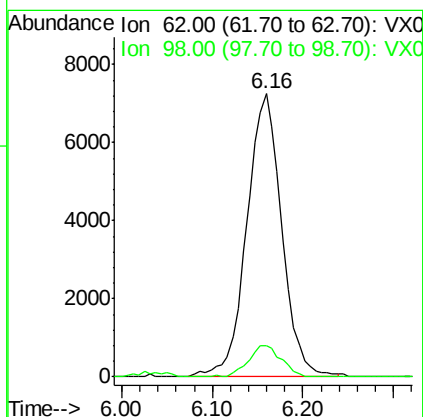
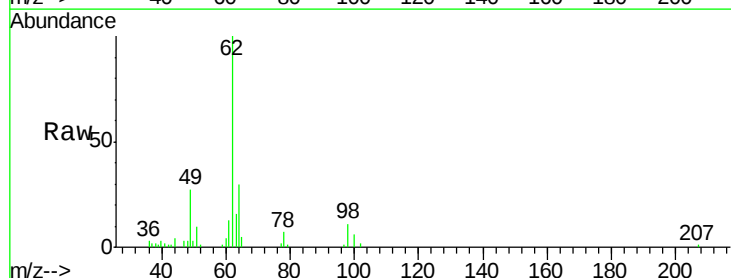
Manual Integrations
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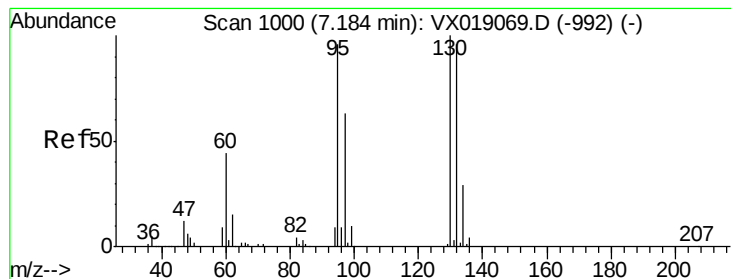
MMDadoda
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#36
1,2-Dichloroethane
Concen: 4.823 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	62	Resp:	19323
Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.4	12.6





#37

Trichloroethene

Concen: 4.420 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:130 Resp: 15597

Ion Ratio Lower Upper

130 100

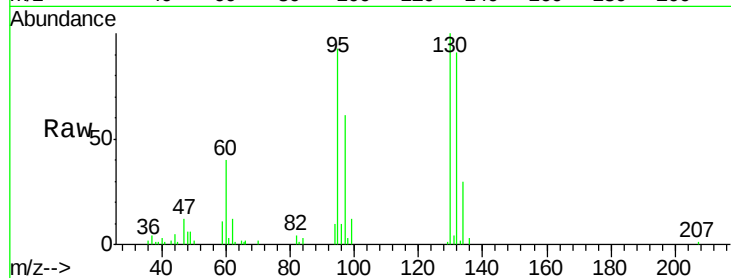
95 92.6 76.8 115.2

Manual Integrations

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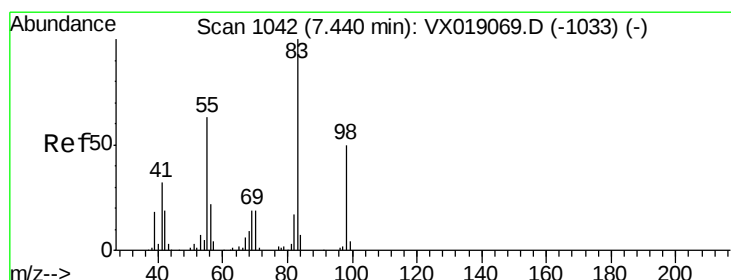
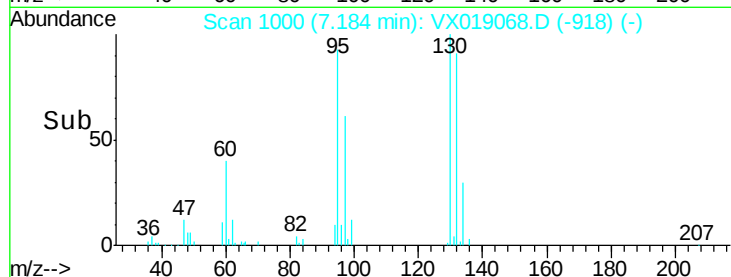
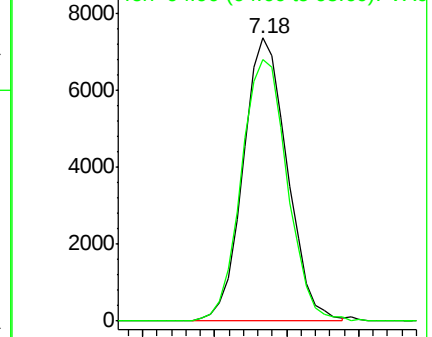
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 4.544 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

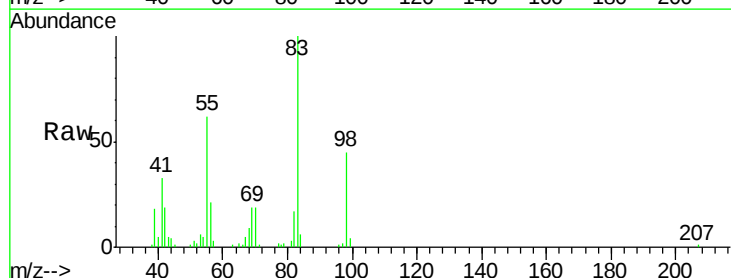
Tgt Ion: 83 Resp: 21101

Ion Ratio Lower Upper

83 100

55 66.9 32.3 96.8

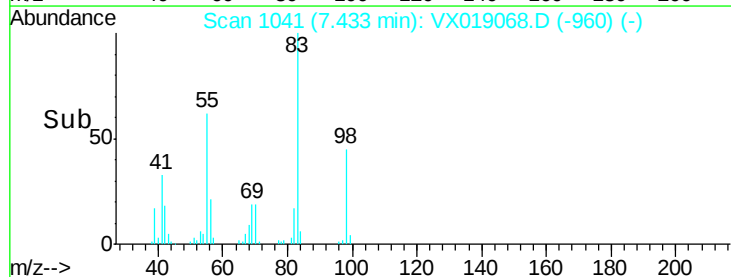
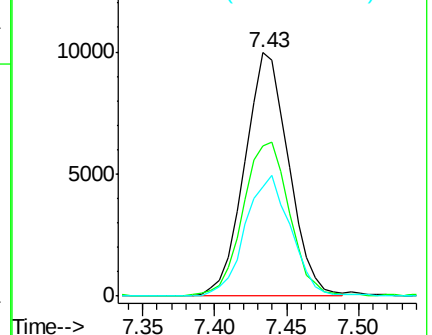
98 51.1 25.7 77.1

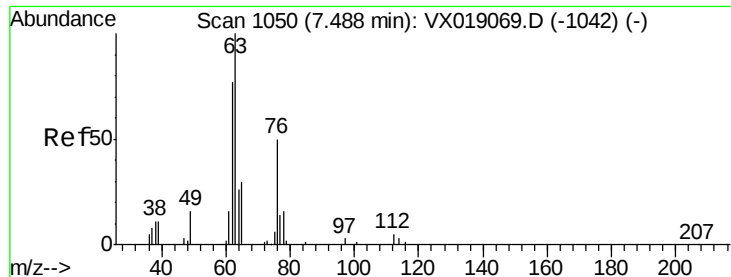


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 4.262 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 12481

Ion Ratio Lower Upper

63 100

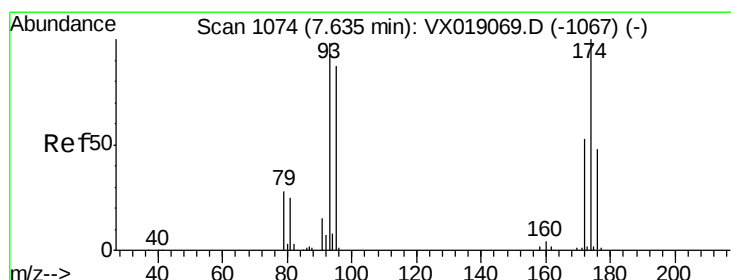
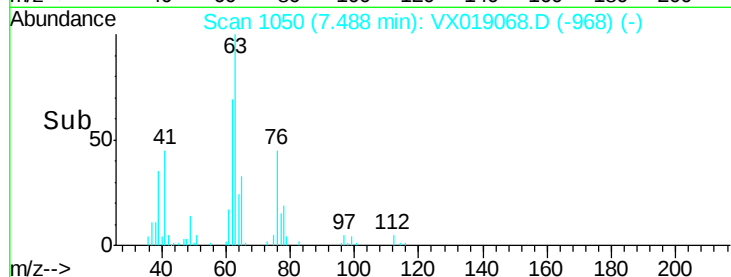
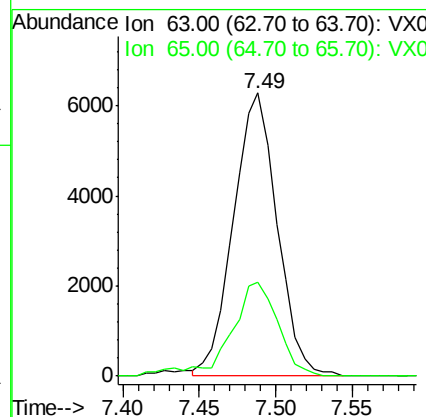
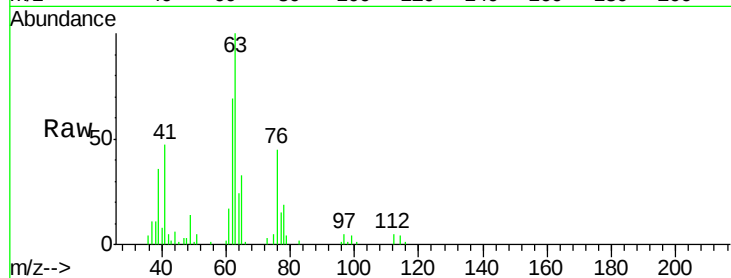
65 33.2 25.8 38.8

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#40

Dibromomethane

Concen: 4.488 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

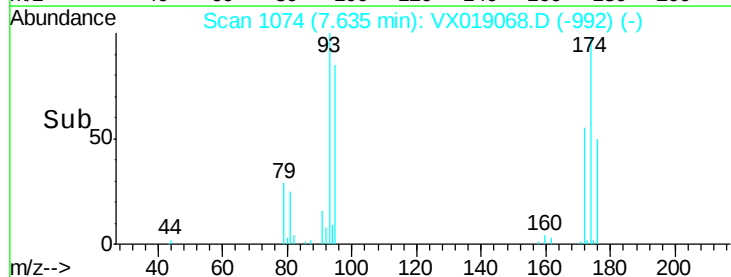
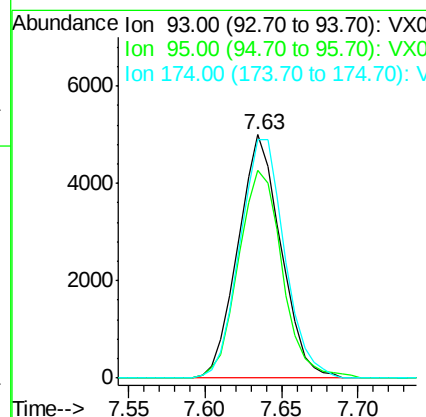
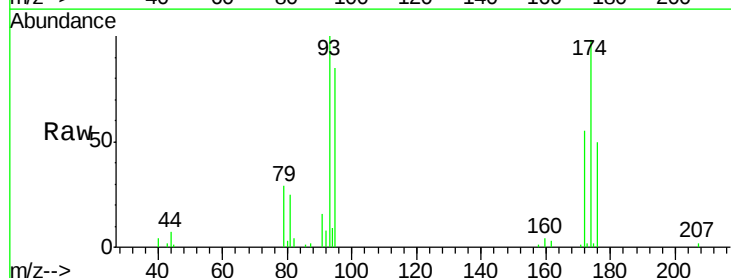
Tgt Ion: 93 Resp: 9734

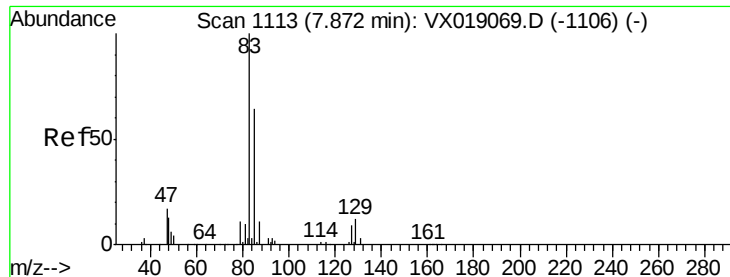
Ion Ratio Lower Upper

93 100

95 87.0 0.0 169.0

174 102.3 0.0 205.4





#41

Bromodichloromethane

Concen: 4.210 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

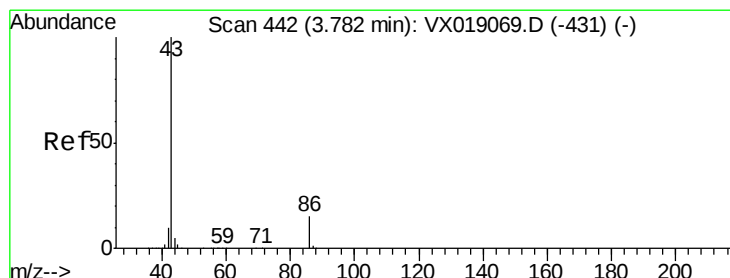
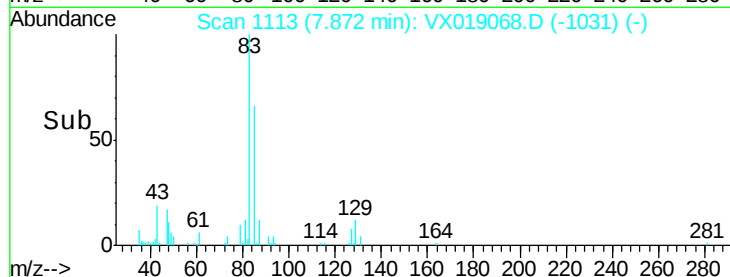
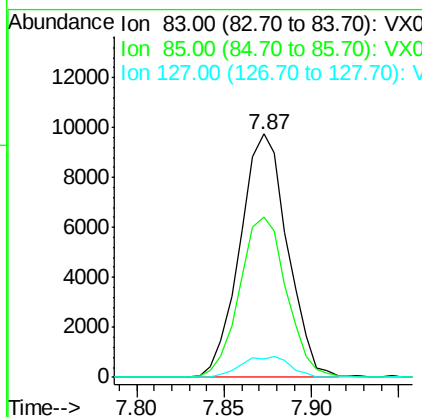
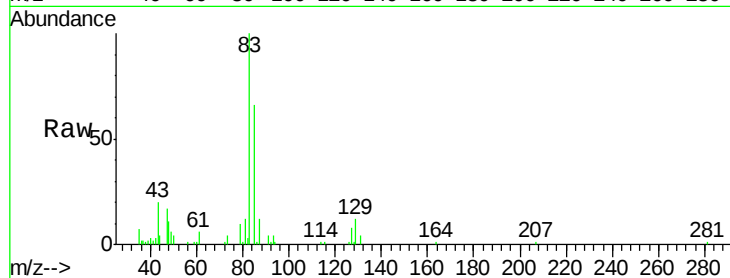
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	18464
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.2	76.8
127	7.7	7.1	10.7

Manual Integrations
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#42

Vinyl Acetate

Concen: 19.404 ug/l

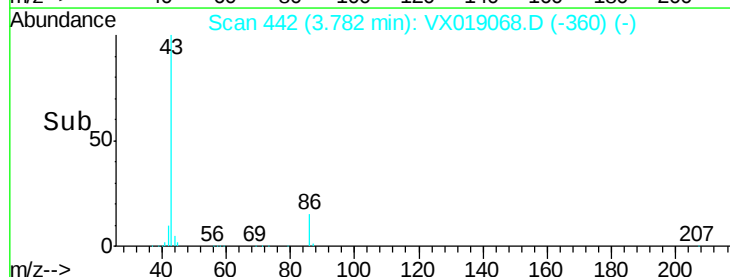
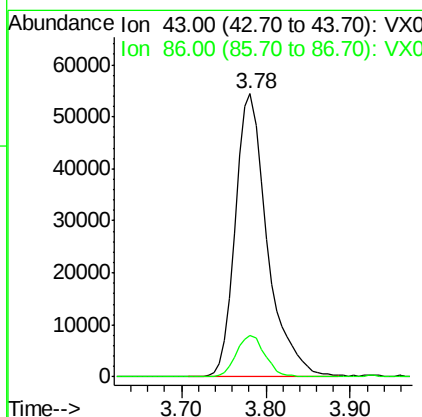
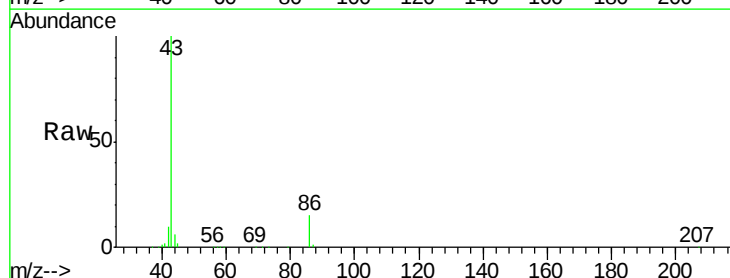
RT: 3.78 min Scan# 442

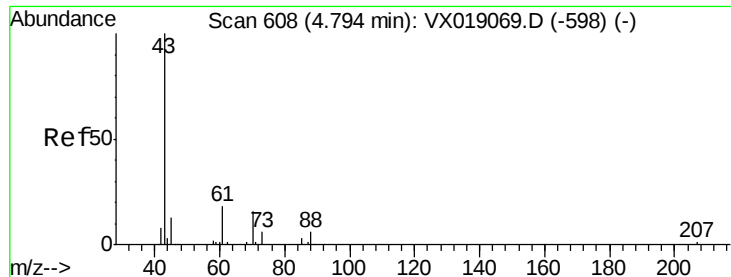
Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Tgt Ion:	43	Resp:	138906
Ion	Ratio	Lower	Upper
43	100		
86	13.2	10.6	15.8





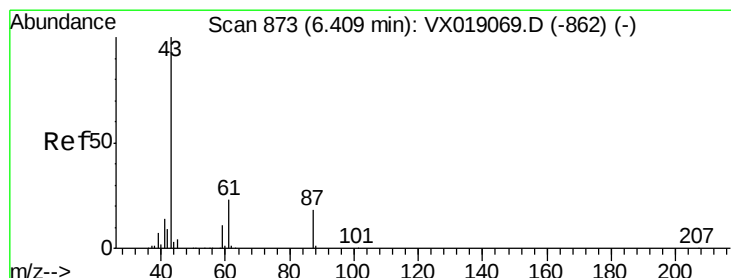
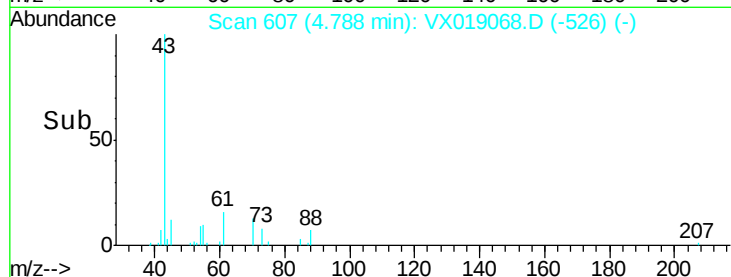
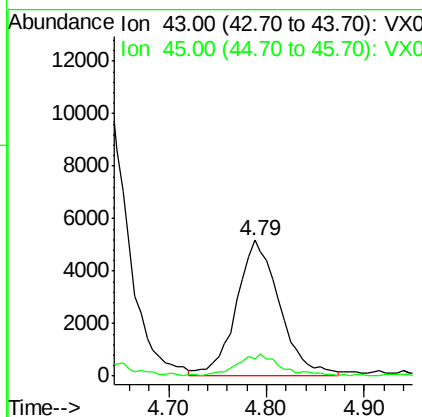
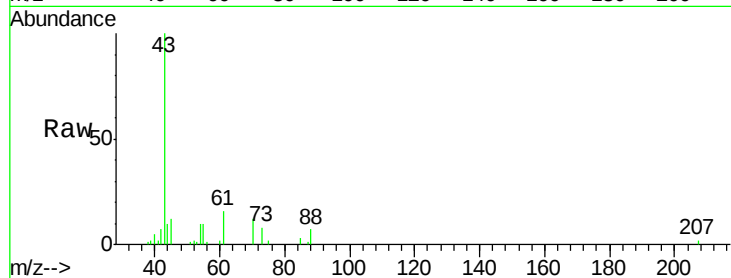
#43
Ethyl Acetate
Concen: 3.842 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 15773
Ion Ratio Lower Upper
43 100
45 15.0 12.7 19.1

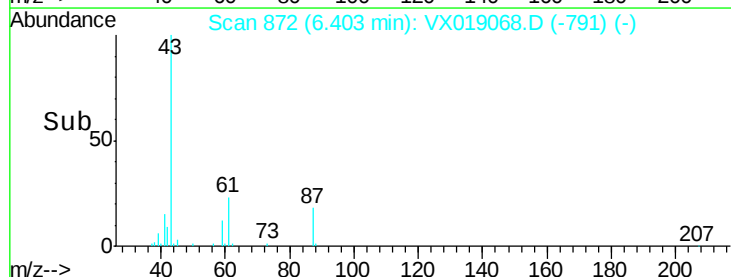
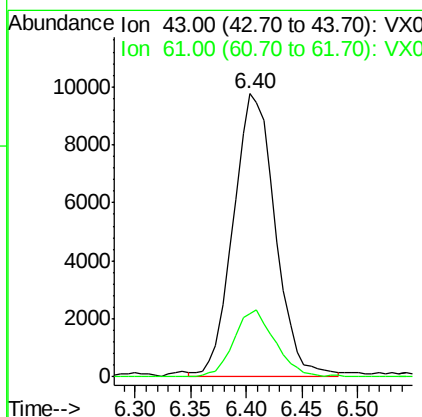
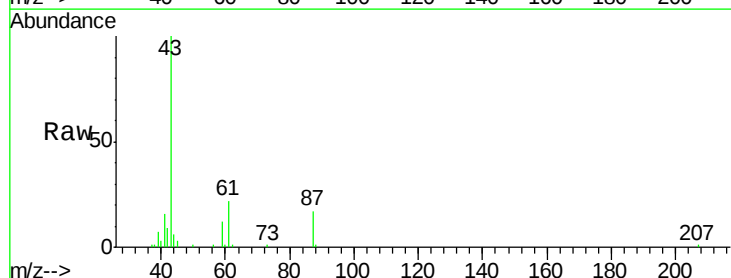
Manual Integrations
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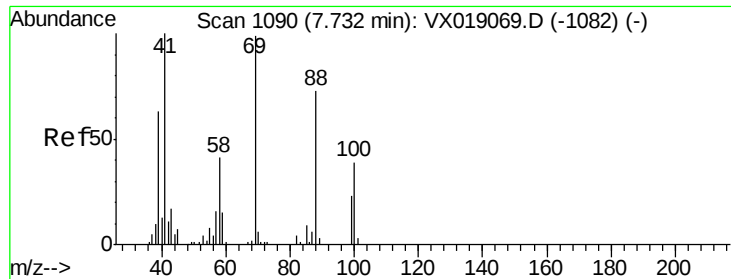
MMDadoda
10/26/2020 11:20:32 AM



#44
Isopropyl Acetate
Concen: 3.888 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion: 43 Resp: 25651
Ion Ratio Lower Upper
43 100
61 23.0 19.1 28.7





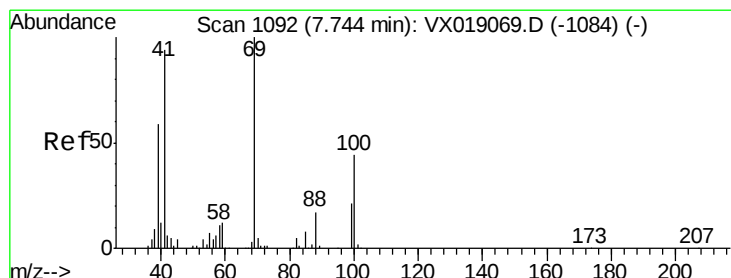
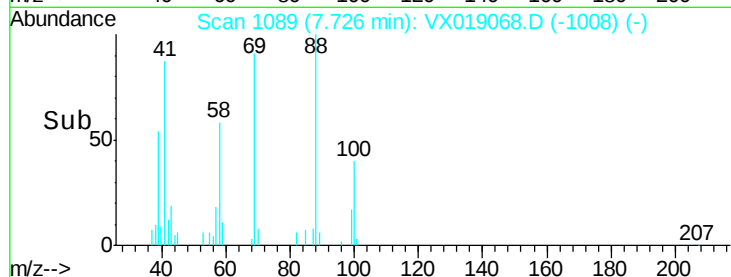
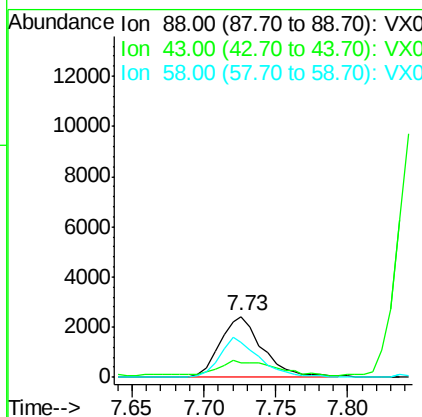
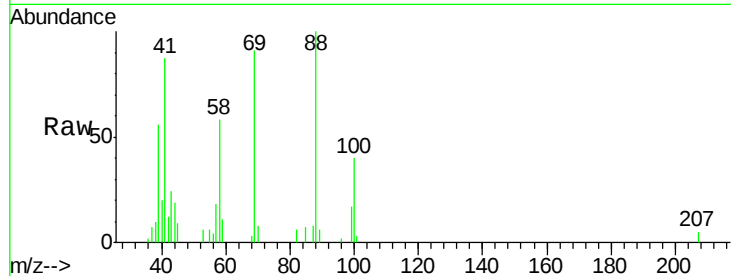
#45
 1,4-Dioxane
 Concen: 70.967 ug/l
 RT: 7.73 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 88 Resp: 4963
 Ion Ratio Lower Upper
 88 100
 43 13.4 20.5 30.7#
 58 61.1 47.4 71.2

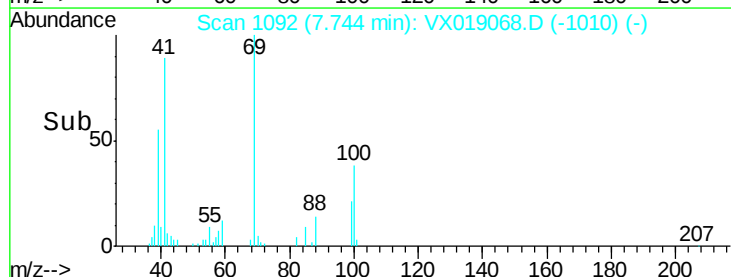
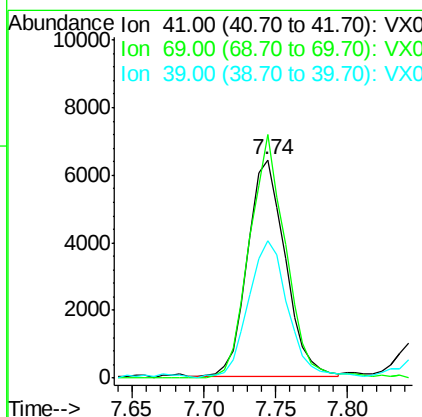
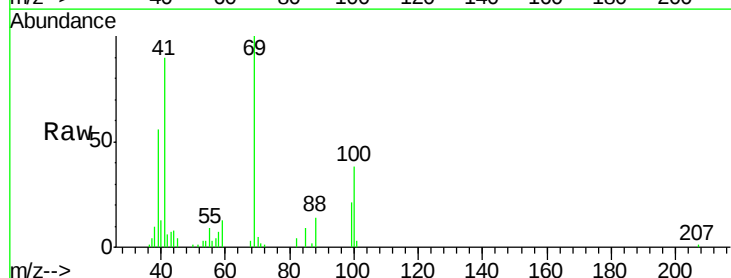
Manual Integrations
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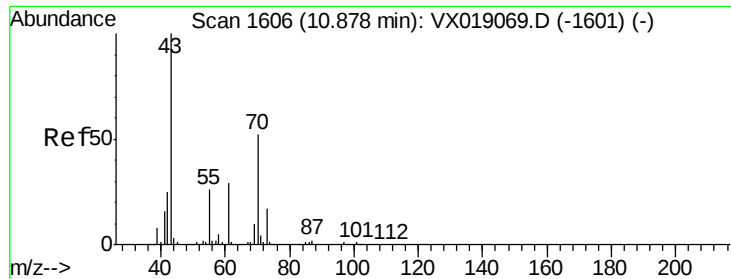
MMDadoda
 10/26/2020 11:20:32 AM



#46
 Methyl methacrylate
 Concen: 3.765 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion: 41 Resp: 11591
 Ion Ratio Lower Upper
 41 100
 69 112.5 53.1 159.4
 39 62.2 31.3 93.9





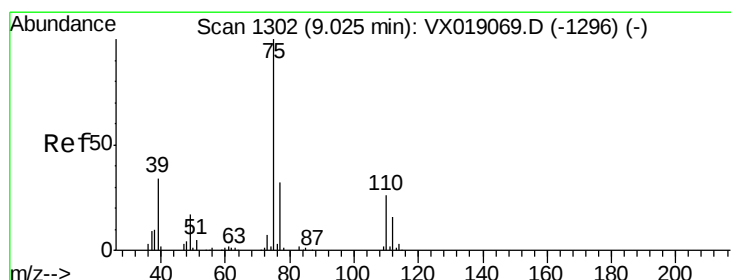
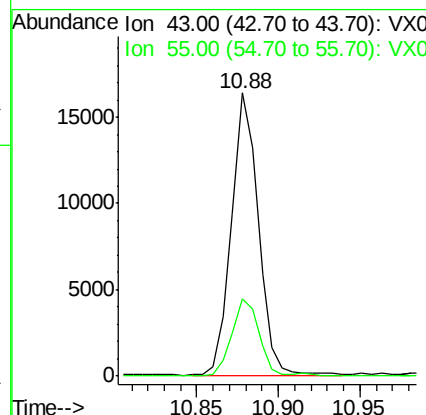
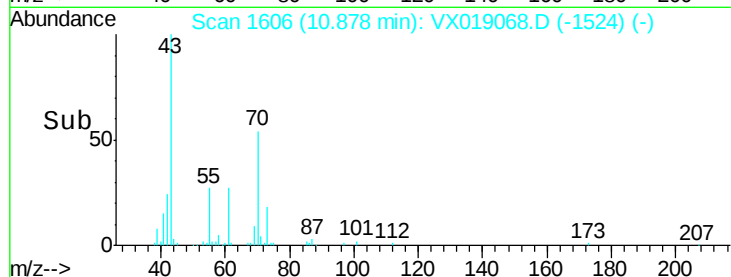
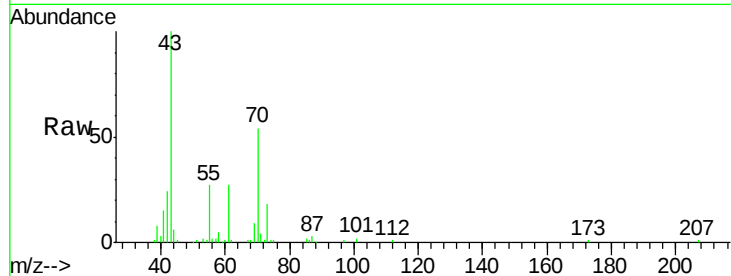
#47
n-amvl Acetate
Concen: 3.474 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 18812
Ion Ratio Lower Upper
43 100
55 27.7 21.5 32.3

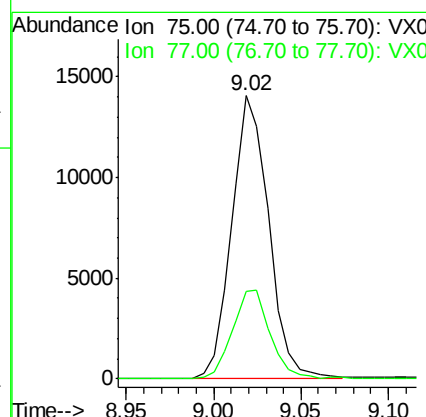
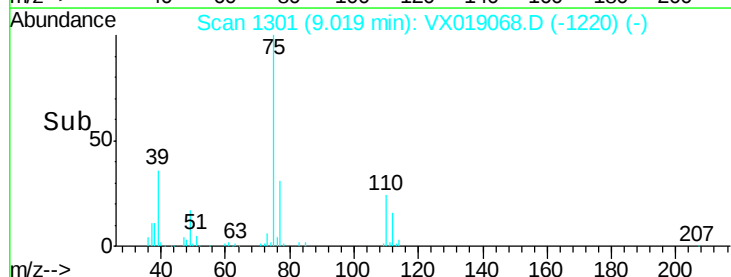
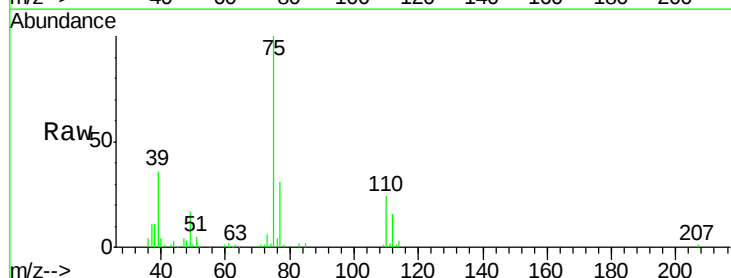
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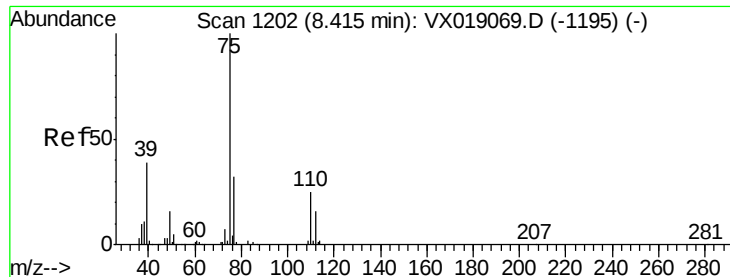
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 4.159 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion: 75 Resp: 20714
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 4.202 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

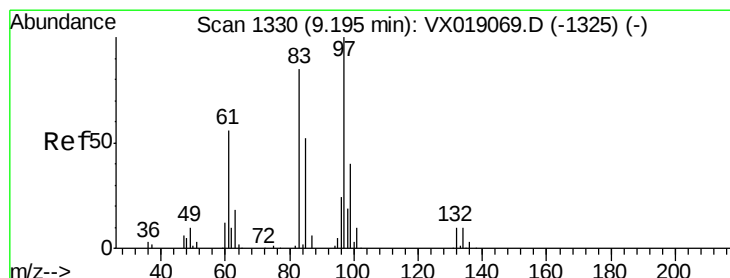
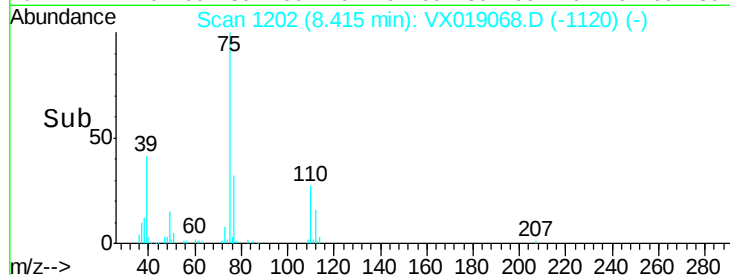
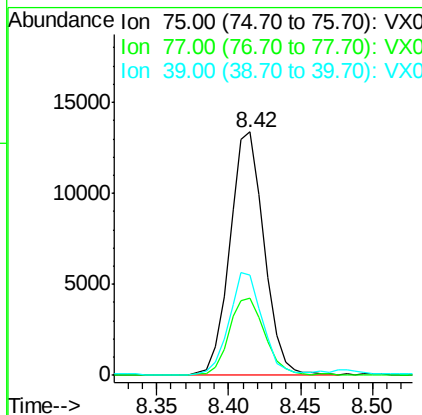
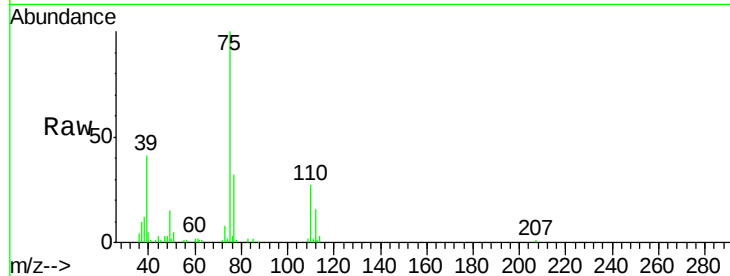
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	22261
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	41.3	31.0	46.6

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 4.464 ug/l

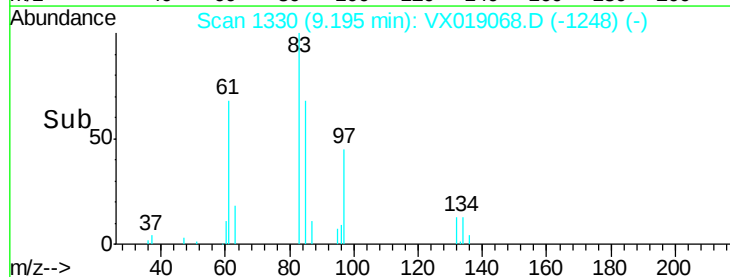
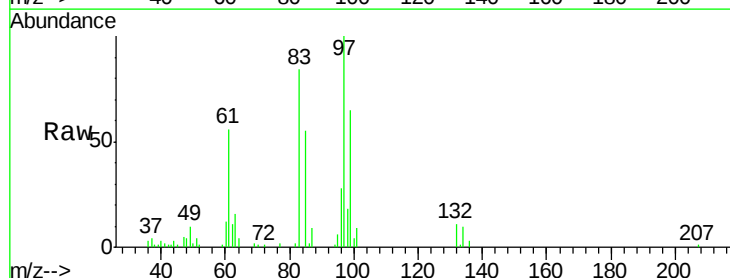
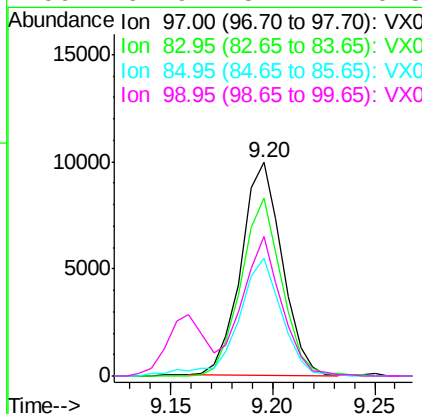
RT: 9.20 min Scan# 1330

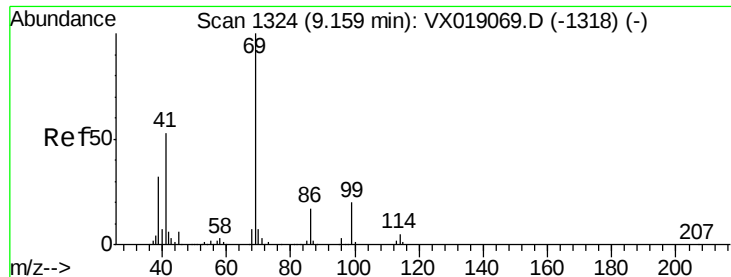
Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Tgt Ion:	97	Resp:	13801
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.8	101.6
85	55.2	43.5	65.3
99	64.9	51.2	76.8





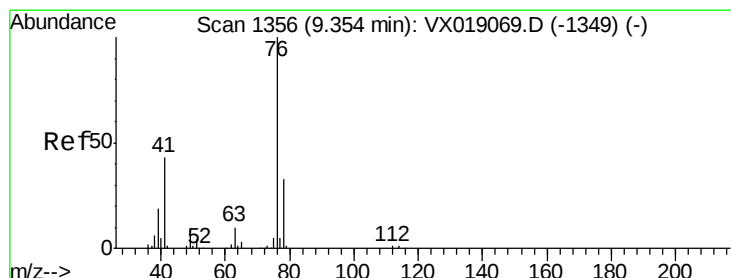
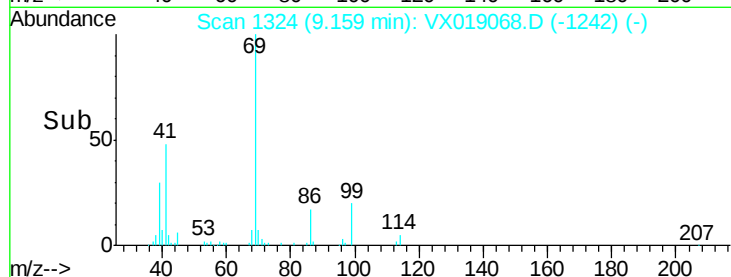
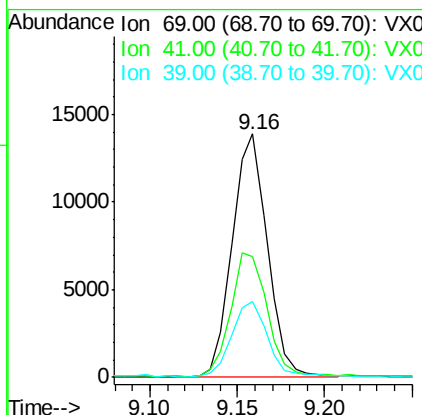
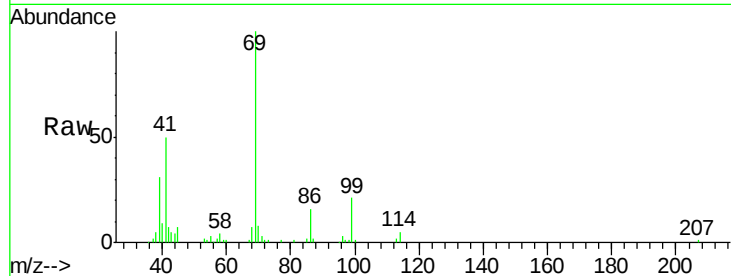
#51
Ethyl methacrylate
Concen: 4.031 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
69	100		
41	49.2	26.5	79.4
39	31.2	16.2	48.6

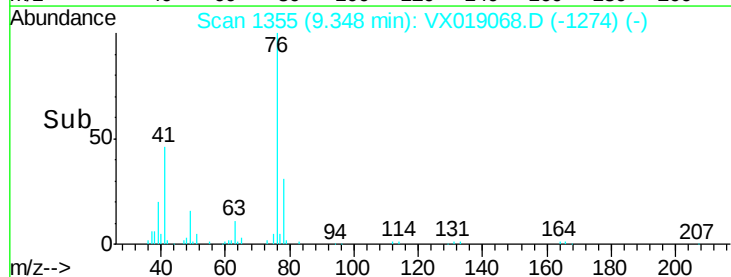
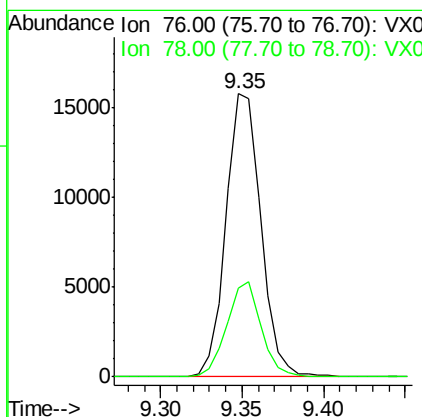
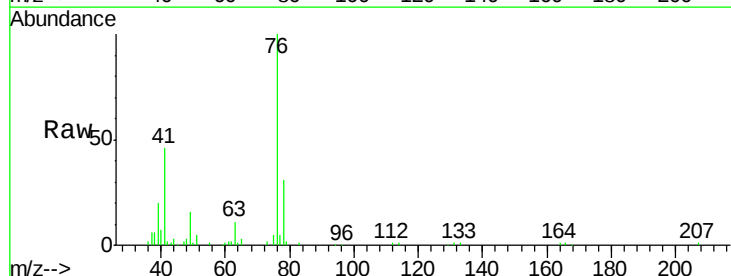
Manual Integrations
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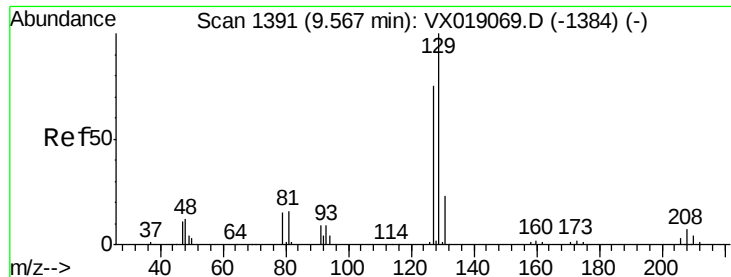
MMDadoda
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#52
1,3-Dichloropropane
Concen: 4.586 ug/l
RT: 9.35 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	65.2





#53

Dibromochloromethane

Concen: 3.980 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:129 Resp: 14353

Ion Ratio Lower Upper

129 100

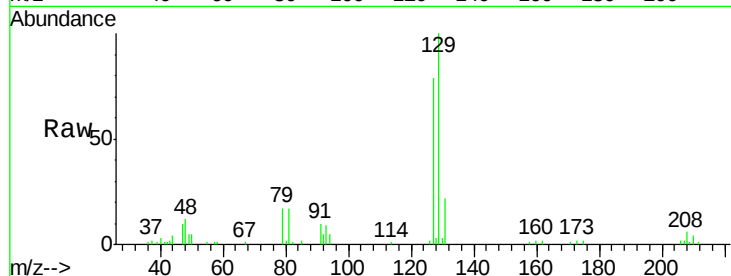
127 76.3 38.4 115.1

Manual Integrations

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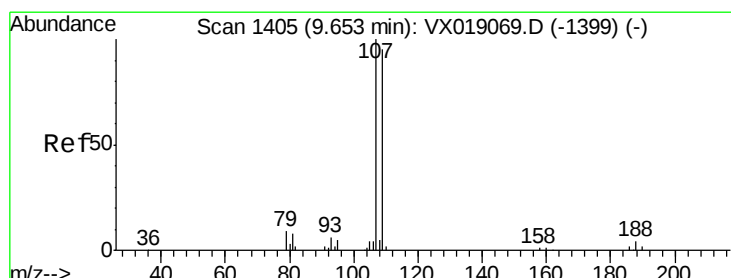
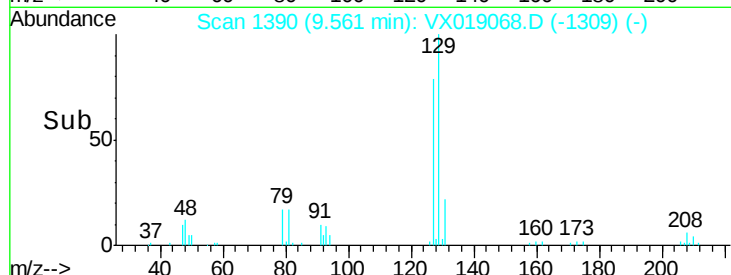
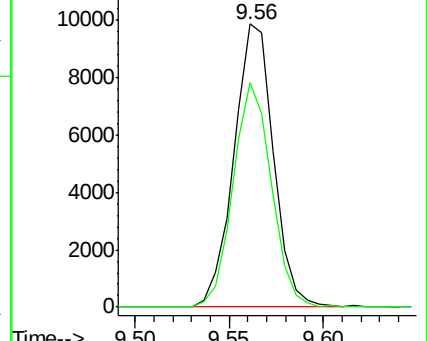
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.551 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019068.D

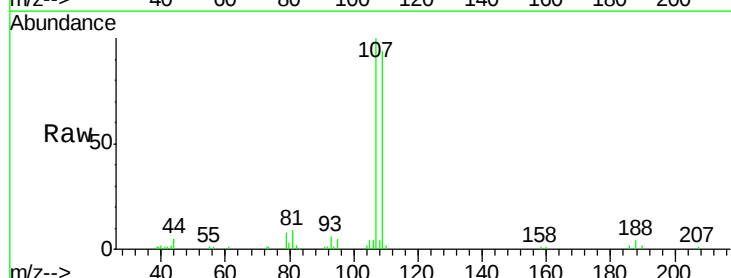
Acq: 23 Oct 2020 09:53

Tgt Ion:107 Resp: 15467

Ion Ratio Lower Upper

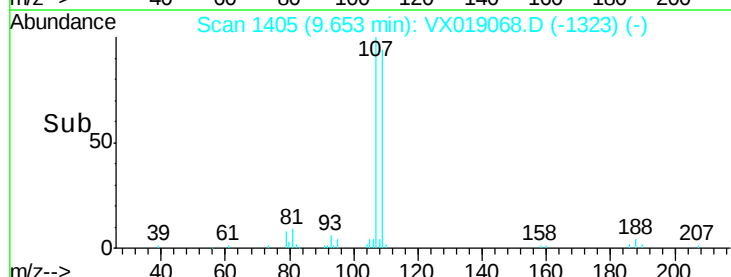
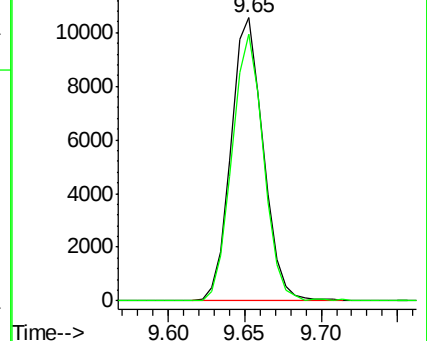
107 100

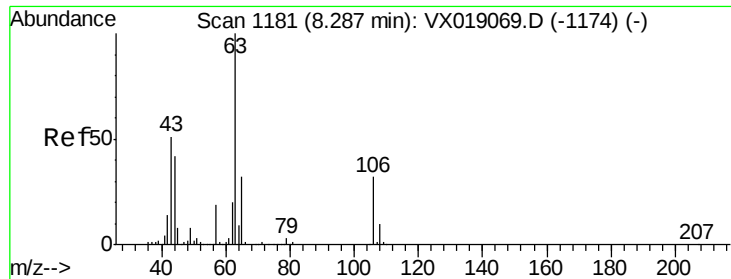
109 91.2 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





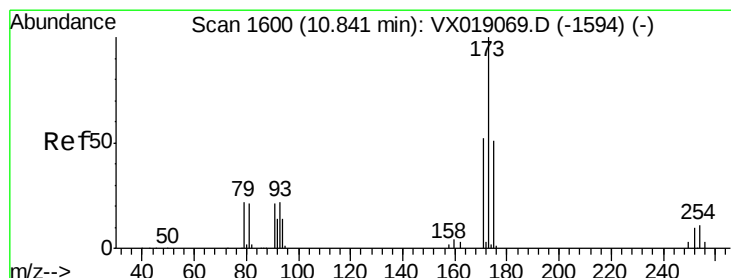
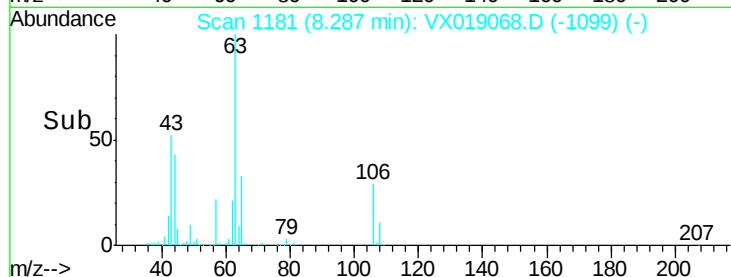
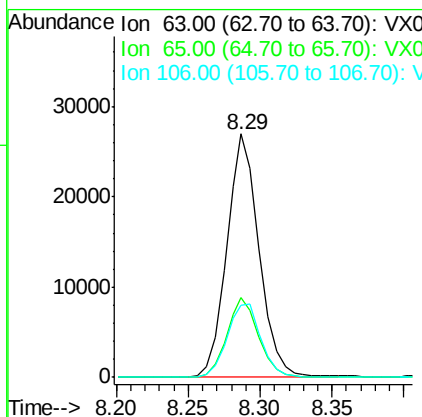
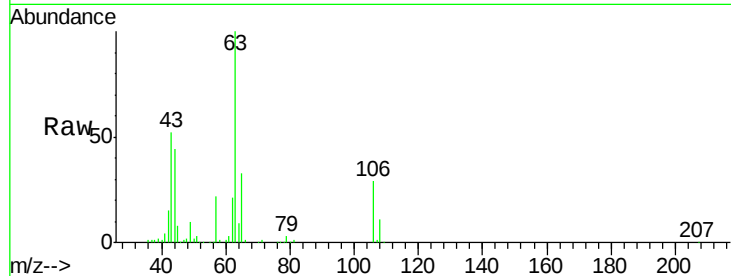
#55
2-Chloroethyl vinyl ether
Concen: 16.223 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	26.0	39.0
106	31.5	25.9	38.9

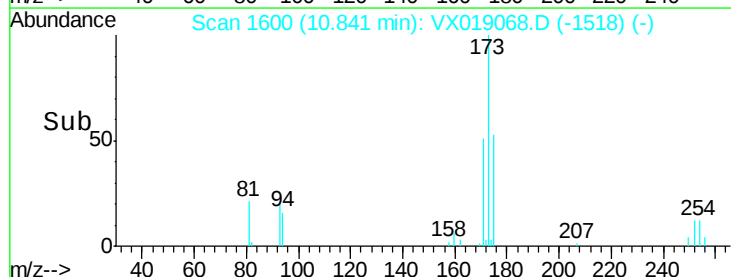
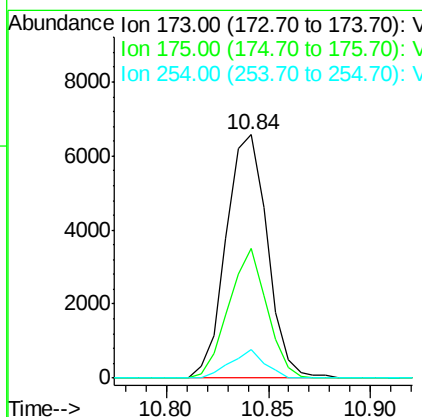
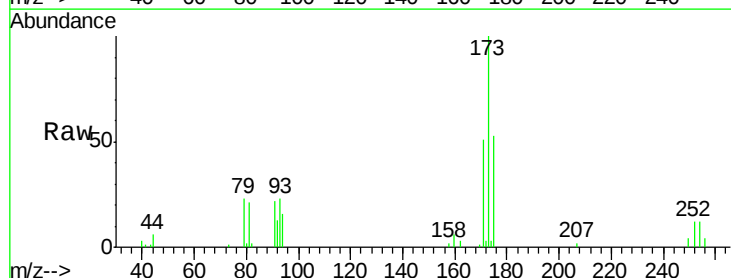
Manual Integrations
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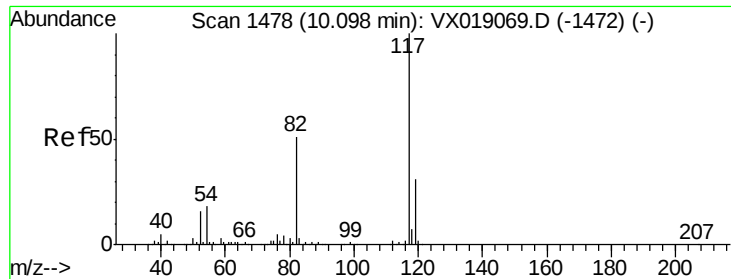
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#56
Bromoform
Concen: 3.348 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.6	59.4
254	9.6	8.6	13.0





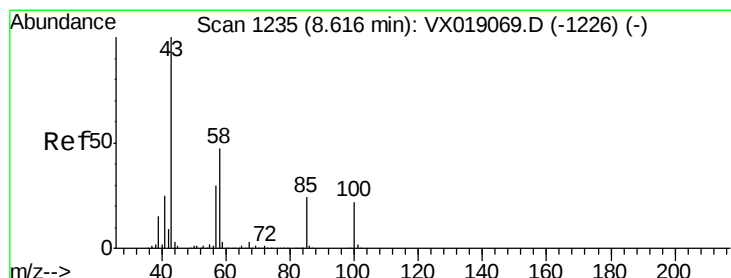
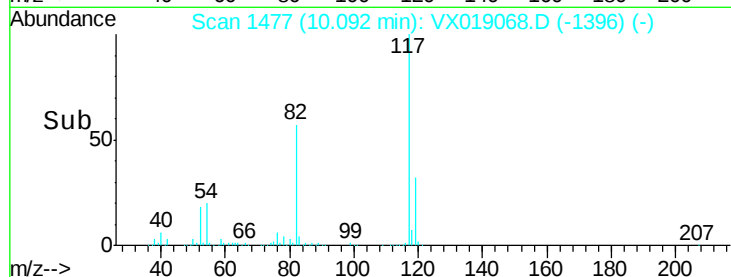
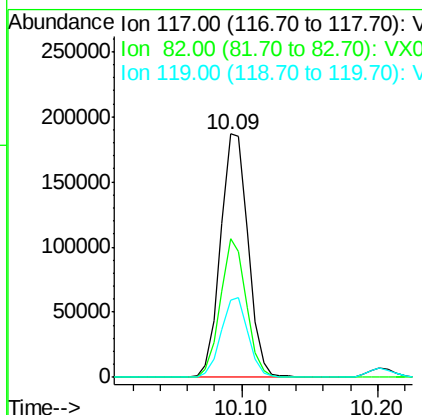
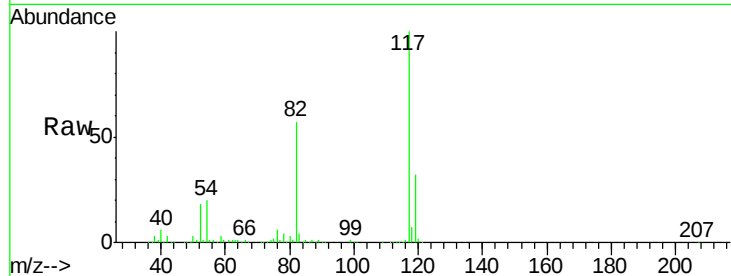
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	261298		
82	53.8	42.5	63.7	
119	32.0	25.6	38.4	

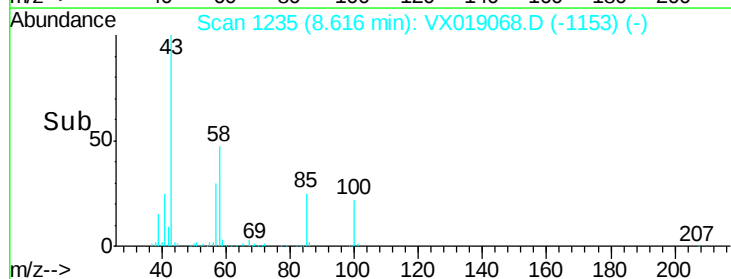
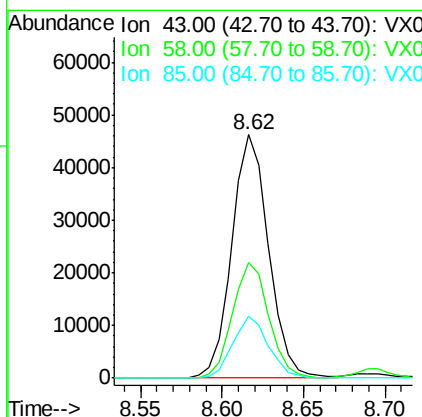
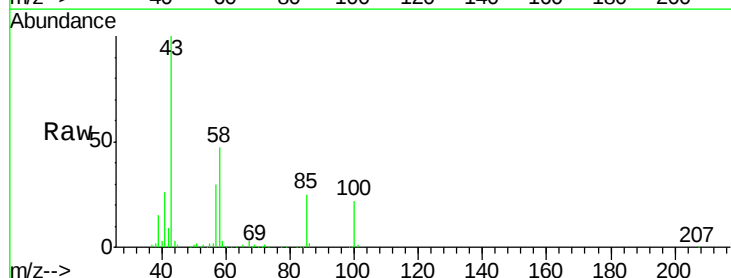
Manual Integrations
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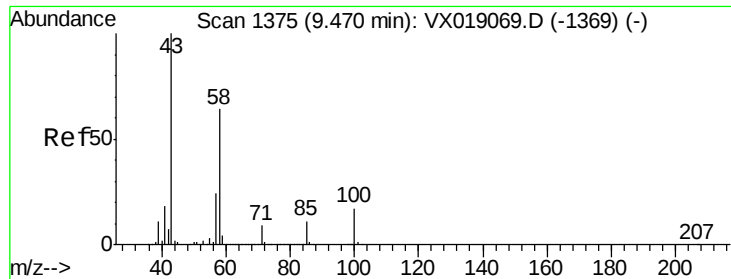
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#58
4-Methyl-2-Pentanone
Concen: 17.950 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	71984		
58	47.3	37.6	56.4	
85	24.8	19.4	29.2	





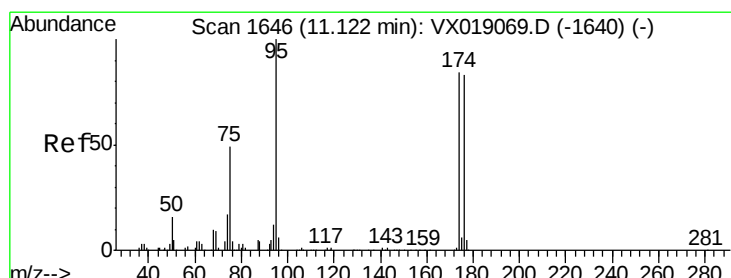
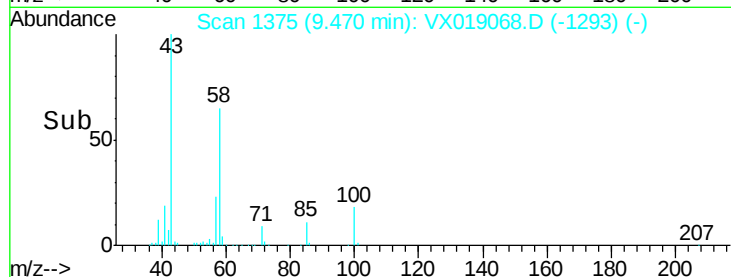
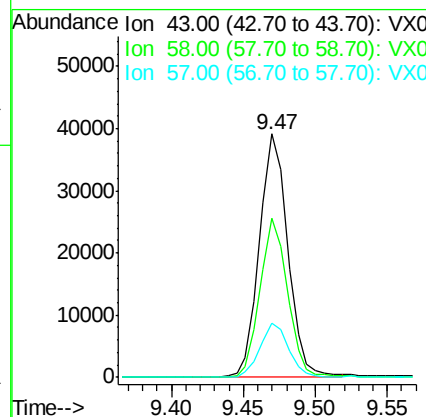
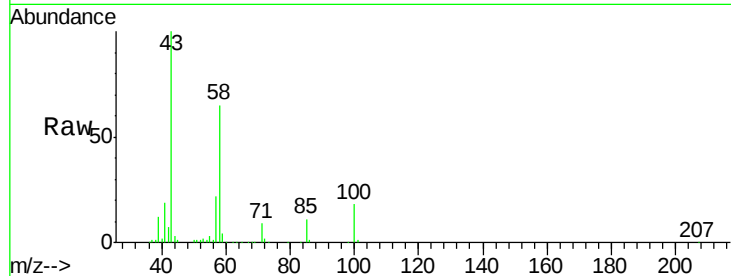
#59
2-Hexanone
Concen: 17.321 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	64.2	51.9	77.9
57	22.6	18.2	27.4

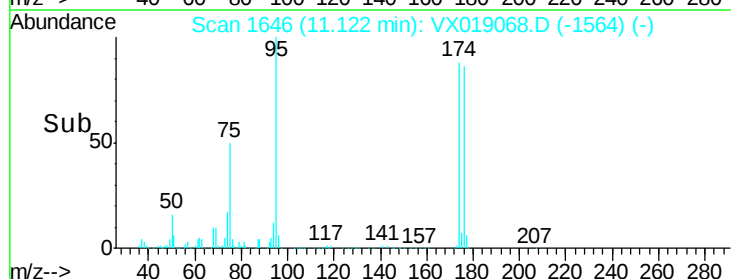
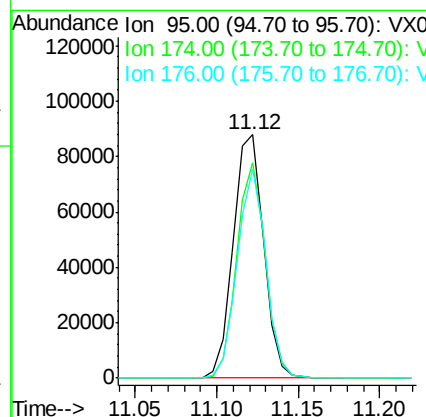
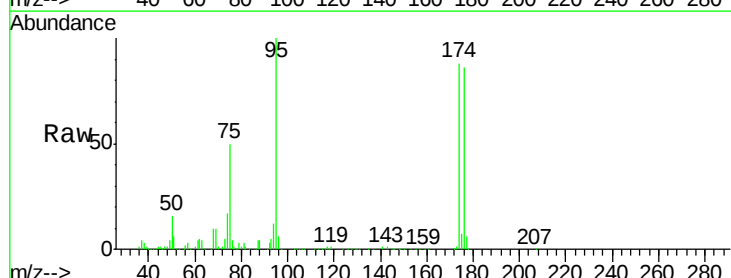
Manual Integrations
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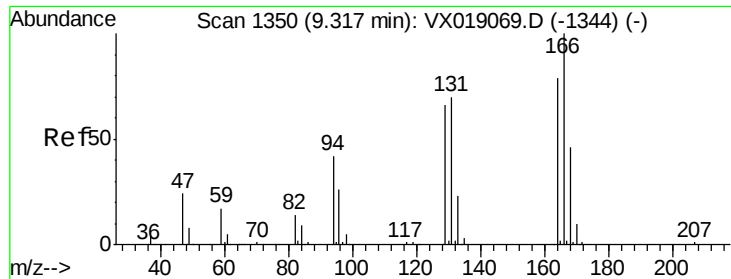
MMDadoda
10/26/2020 11:20:32 AM



#60
4-Bromofluorobenzene
Concen: 28.335 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.4	66.3	99.5
176	81.1	65.5	98.3





#61

Tetrachloroethene

Concen: 4.717 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 14953

Ion Ratio Lower Upper

164 100

166 123.4 101.9 152.9

129 94.8 67.0 100.6

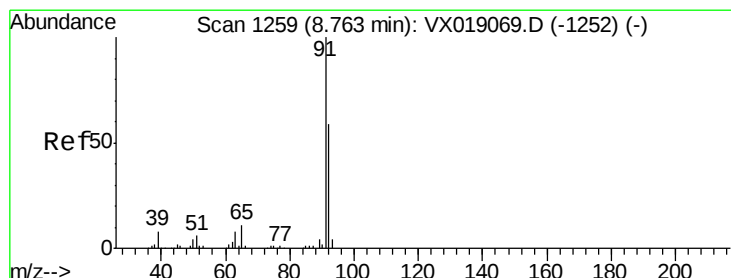
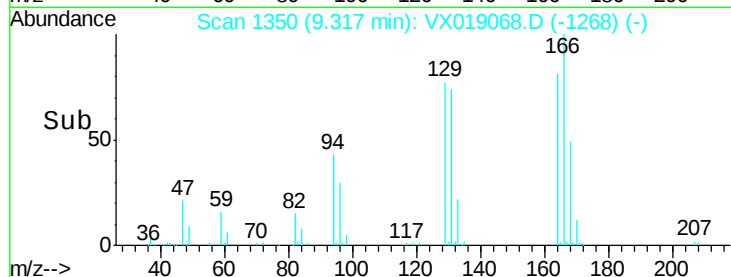
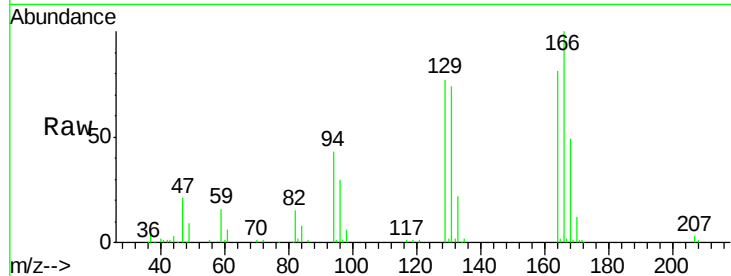
131 91.9 71.1 106.7

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#62

Toluene

Concen: 4.709 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019068.D

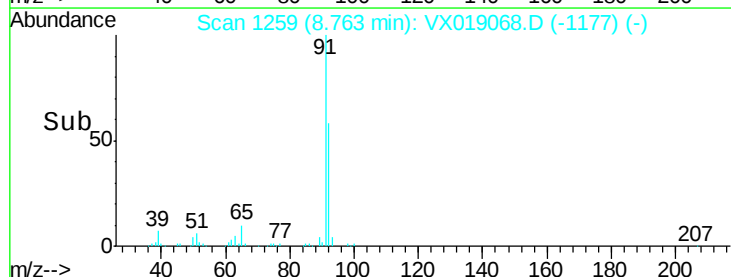
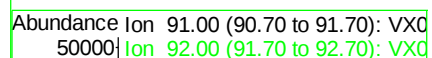
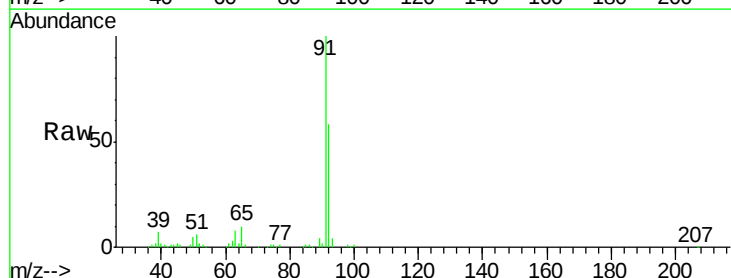
Acq: 23 Oct 2020 09:53

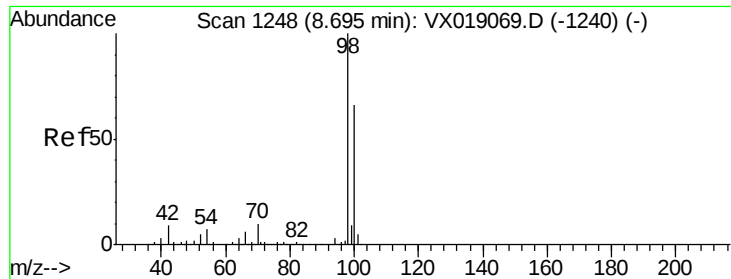
Tgt Ion: 91 Resp: 65111

Ion Ratio Lower Upper

91 100

92 58.3 47.3 70.9





#63

Toluene-d8

Concen: 30.163 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 98 Resp: 347862

Ion Ratio Lower Upper

98 100

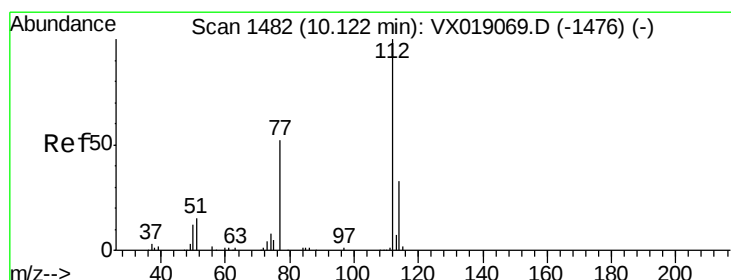
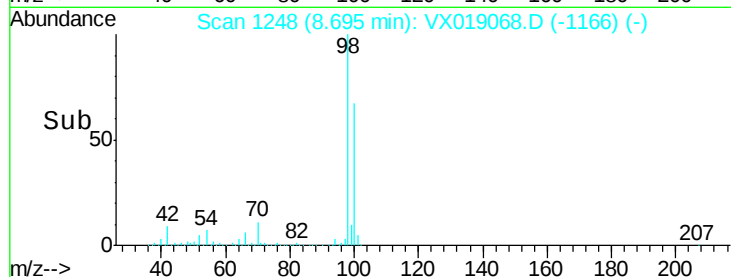
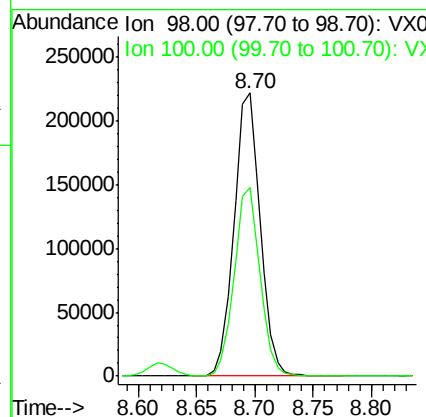
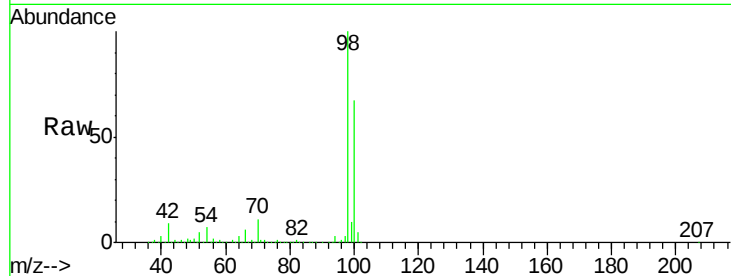
100 65.6 52.2 78.4

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#64

Chlorobenzene

Concen: 4.509 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019068.D

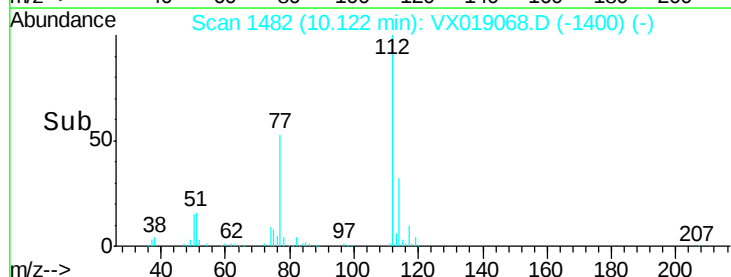
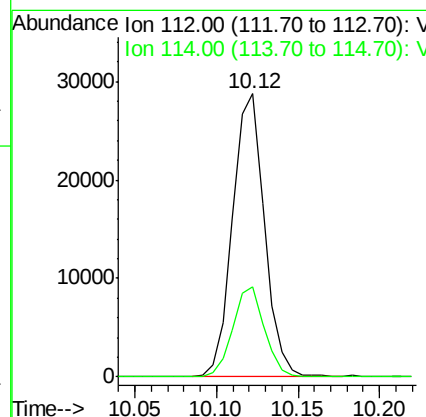
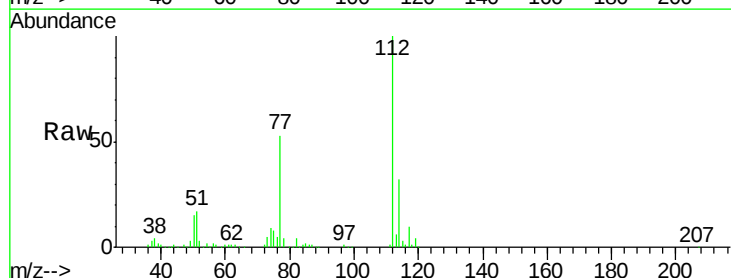
Acq: 23 Oct 2020 09:53

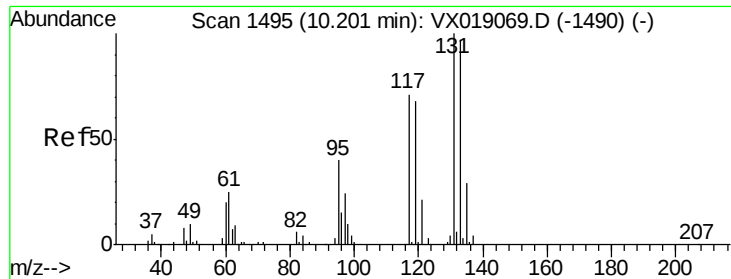
Tgt Ion: 112 Resp: 39191

Ion Ratio Lower Upper

112 100

114 31.7 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 4.035 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:131 Resp: 13482

Ion Ratio Lower Upper

131 100

133 95.4 0.0 191.6

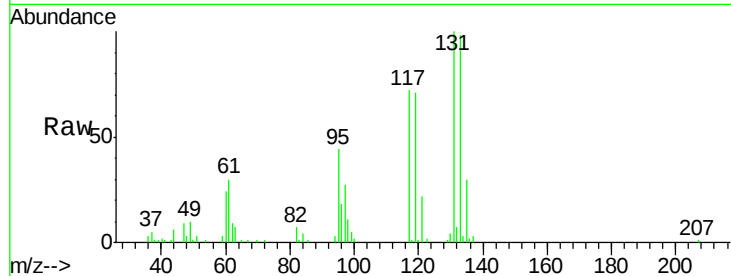
119 67.5 0.0 130.0

Manual Integrations

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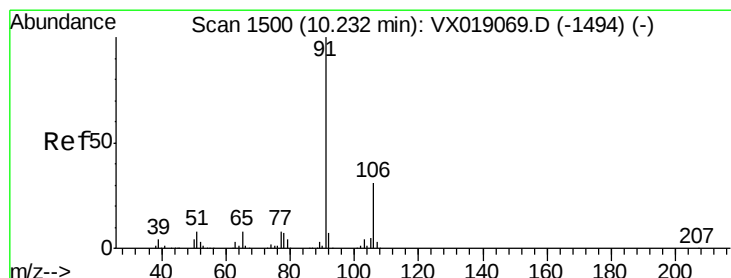
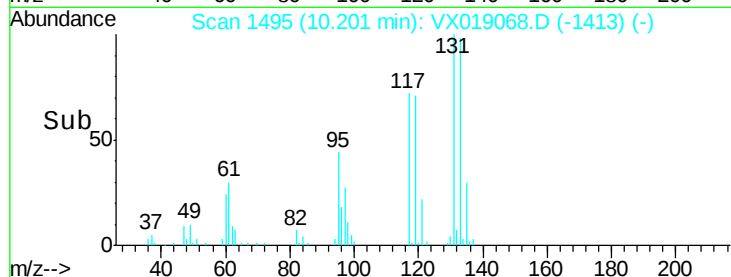
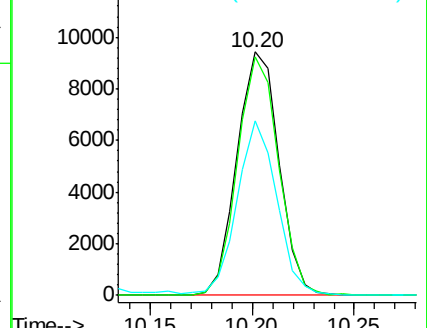
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Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 4.616 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019068.D

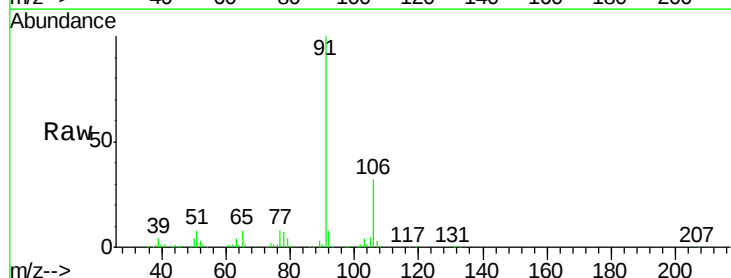
Acq: 23 Oct 2020 09:53

Tgt Ion: 91 Resp: 70164

Ion Ratio Lower Upper

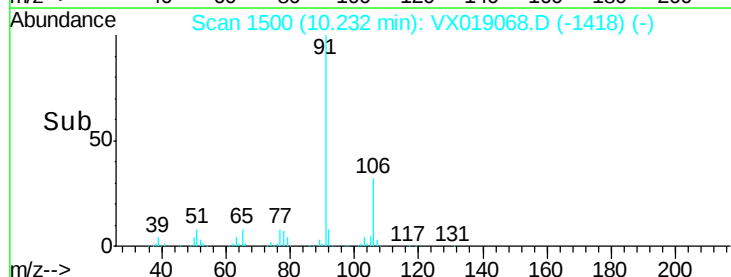
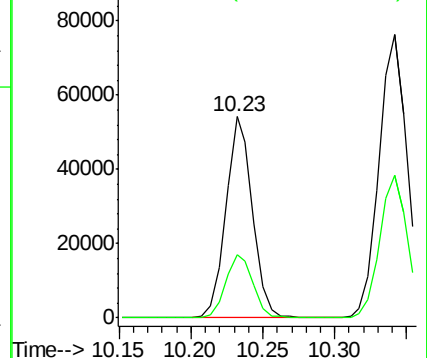
91 100

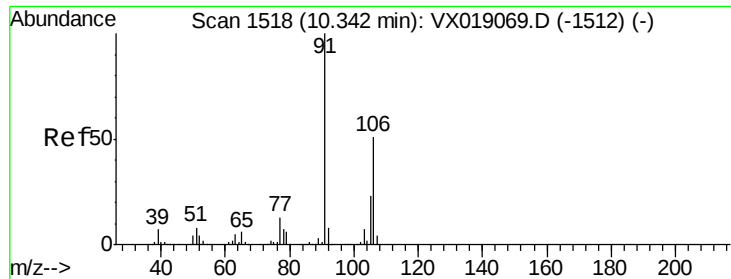
106 31.5 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 8.563 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:106 Resp: 50802

Ion Ratio Lower Upper

106 100

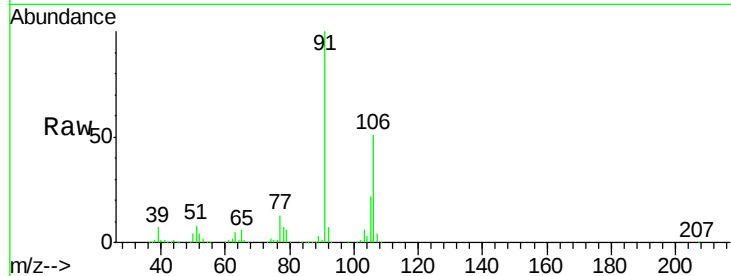
91 200.8 157.5 236.3

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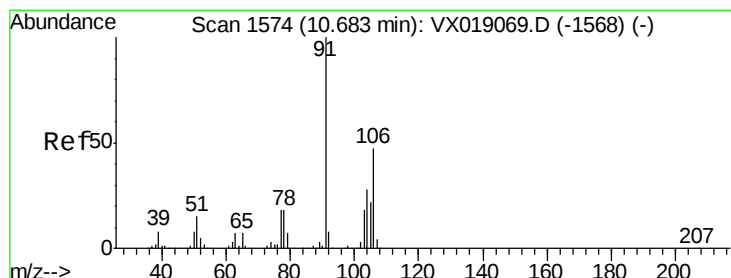
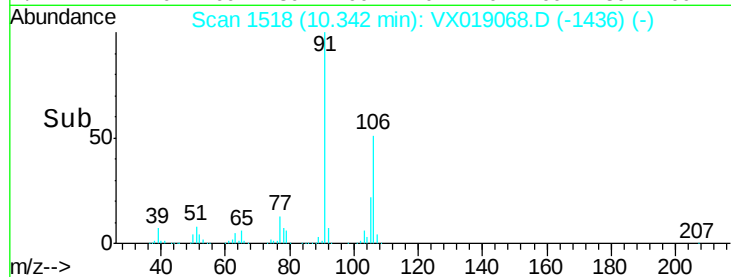
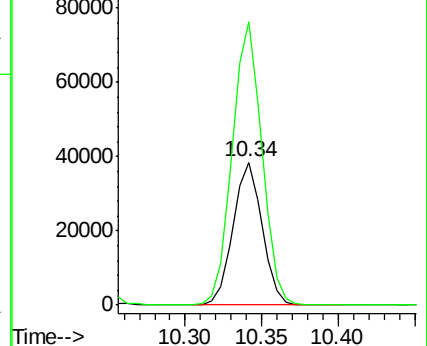
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 4.343 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019068.D

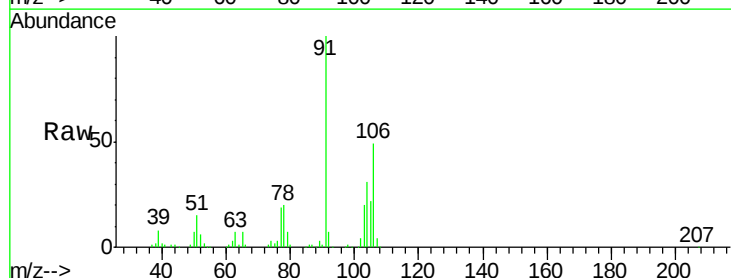
Acq: 23 Oct 2020 09:53

Tgt Ion:106 Resp: 24321

Ion Ratio Lower Upper

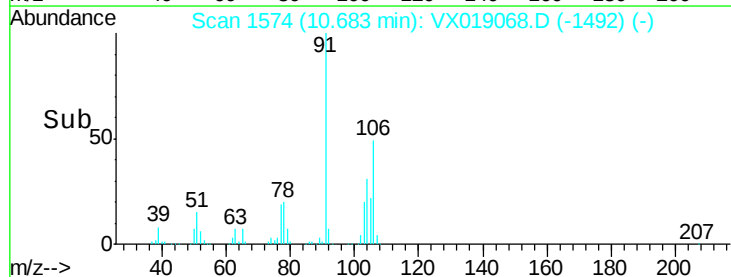
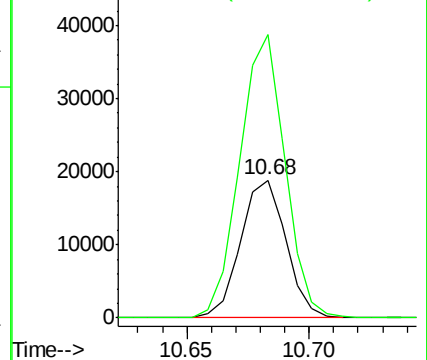
106 100

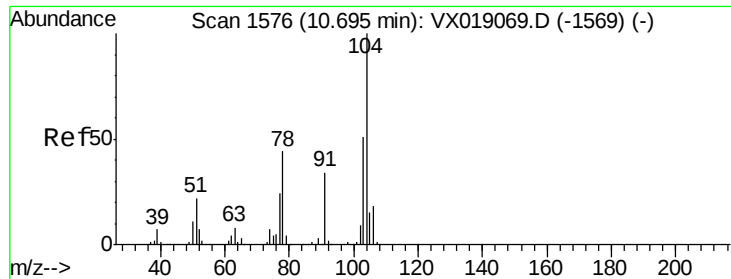
91 205.7 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





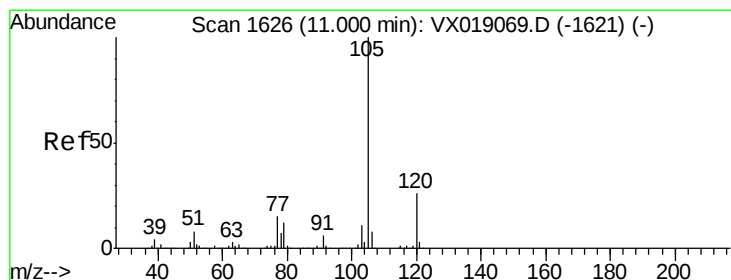
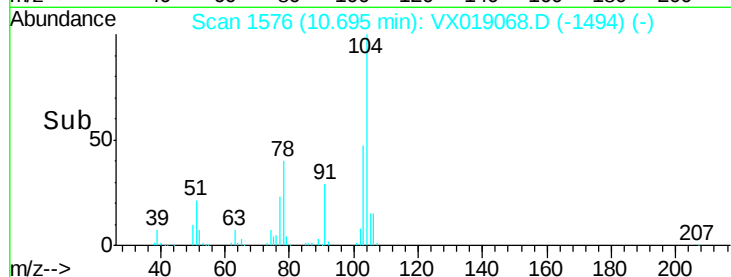
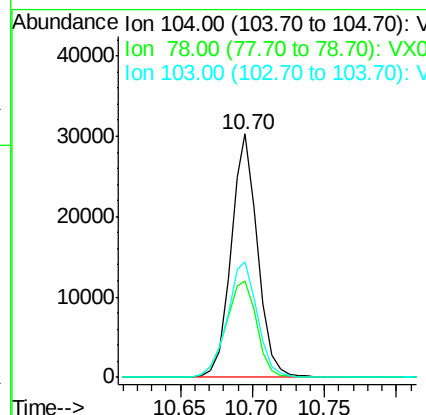
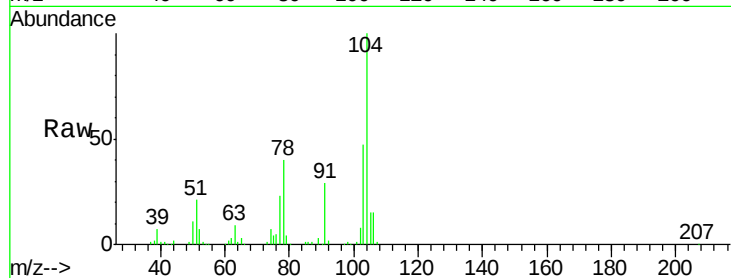
#69
Stvrene
Concen: 4.075 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.5	38.6	58.0
103	54.2	43.4	65.2

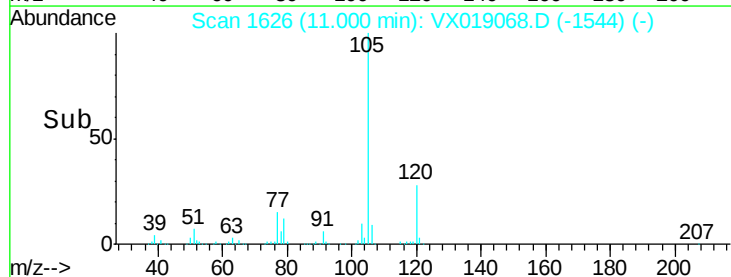
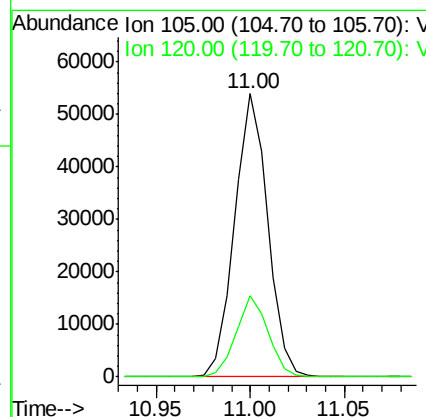
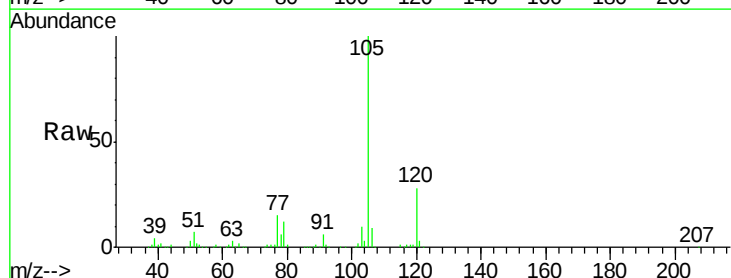
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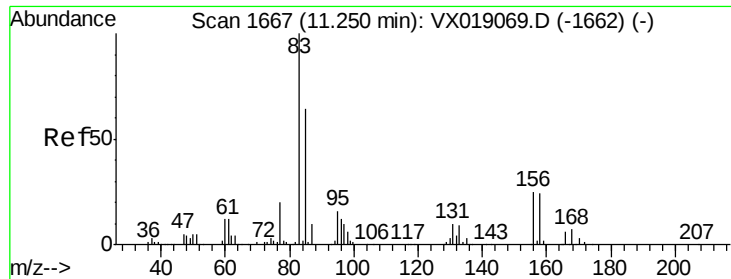
MMDadoda
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#70
Isopropylbenzene
Concen: 4.419 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	19.0	35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 3.876 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

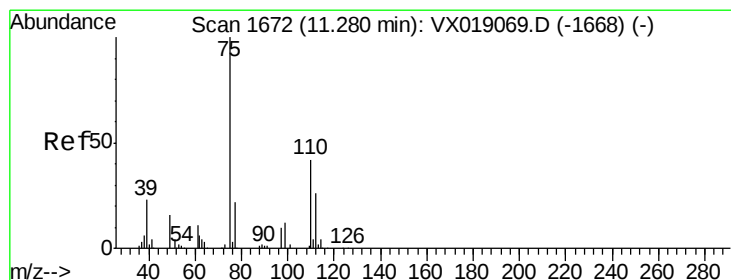
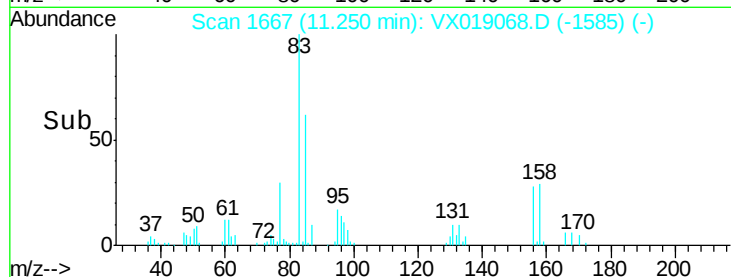
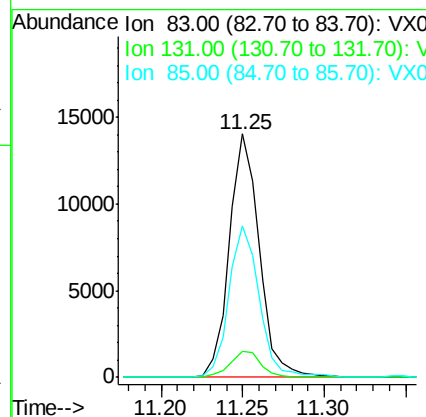
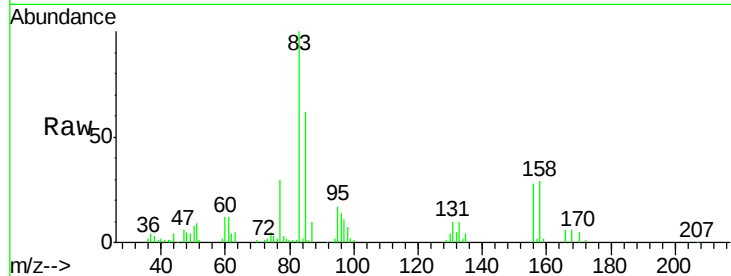
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	17957
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.2	15.6
85	63.0	32.5	97.4

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#72

1,2,3-Trichloropropane

Concen: 3.851 ug/l m

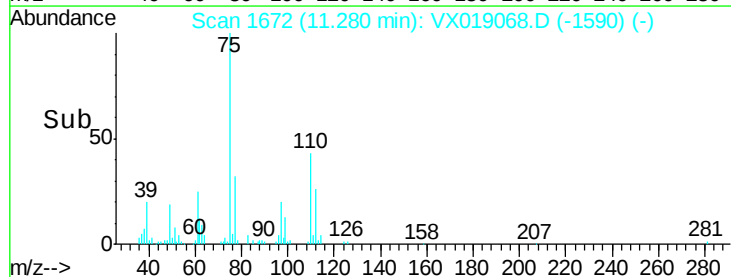
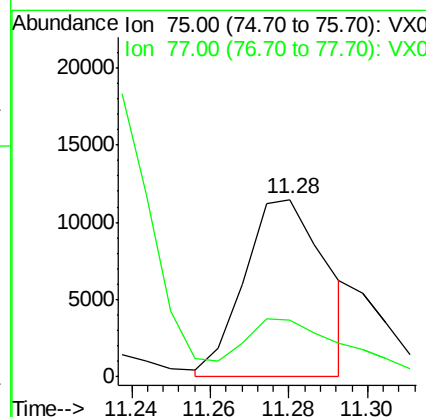
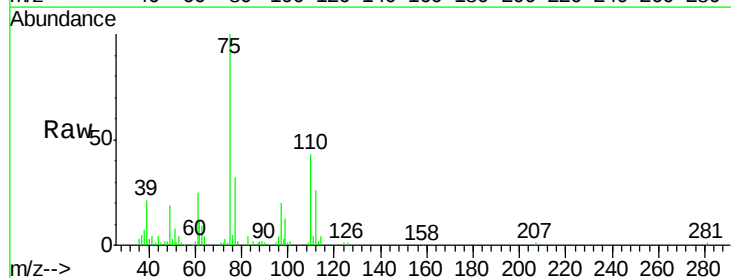
RT: 11.28 min Scan# 1672

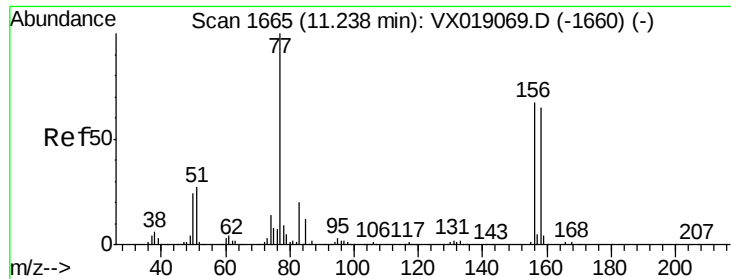
Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Tgt Ion:	75	Resp:	16574
Ion Ratio	Lower	Upper	
75	100		
77	38.8	0.0	81.8





#73

Bromobenzene

Concen: 4.143 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

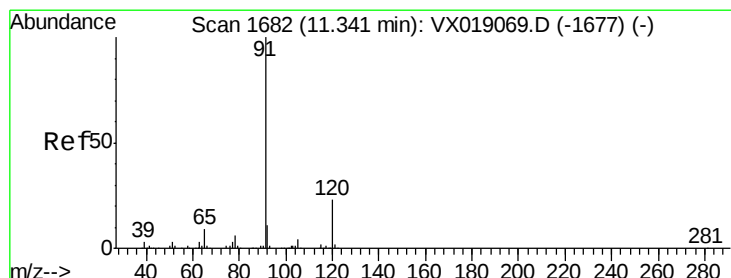
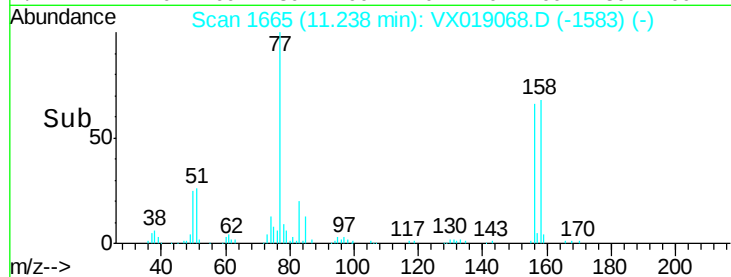
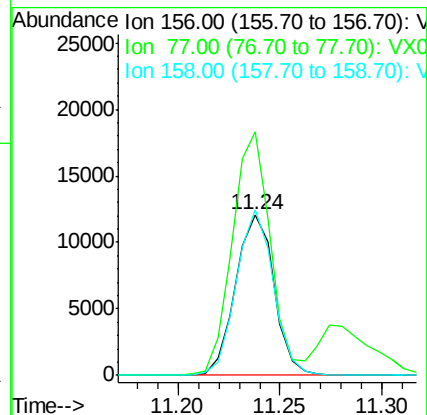
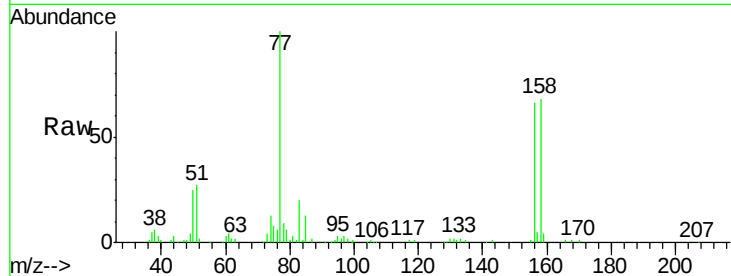
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	15754
Ion Ratio	Lower	Upper	
156	100		
77	148.1	0.0	299.6
158	99.3	0.0	192.2

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#74

n-propylbenzene

Concen: 4.379 ug/l

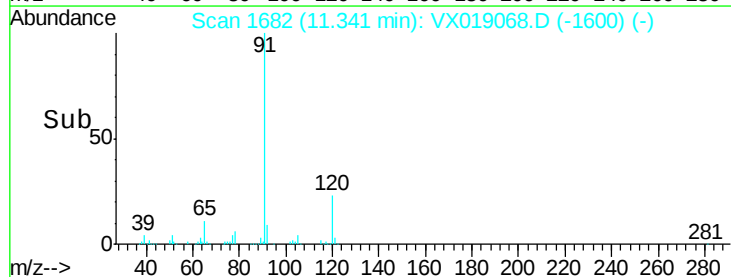
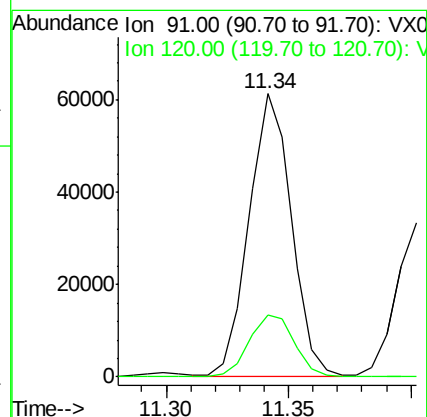
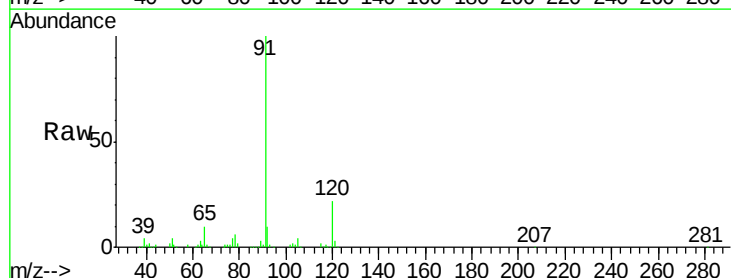
RT: 11.34 min Scan# 1682

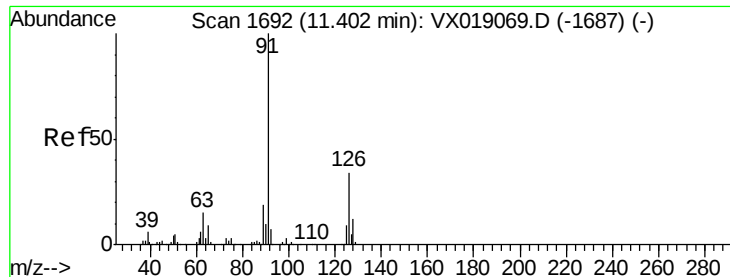
Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Tgt Ion:	91	Resp:	74310
Ion Ratio	Lower	Upper	
91	100		
120	23.4	0.0	46.6





#75

2-Chlorotoluene

Concen: 4.360 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 42577

Ion Ratio Lower Upper

91 100

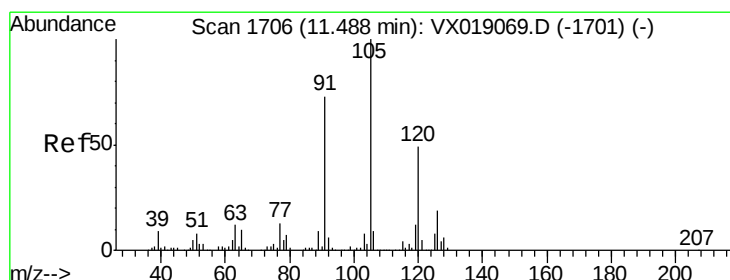
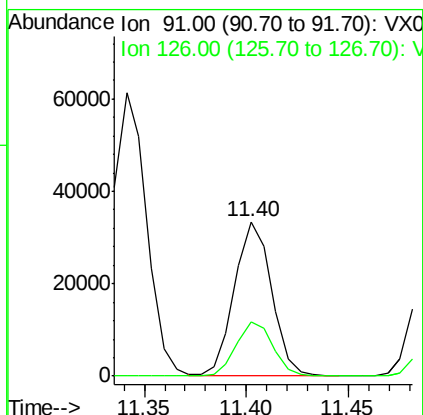
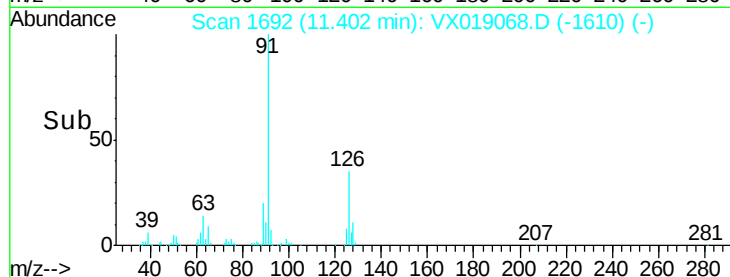
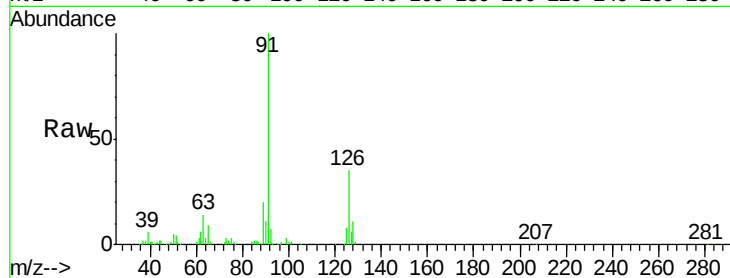
126 34.2 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 4.204 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019068.D

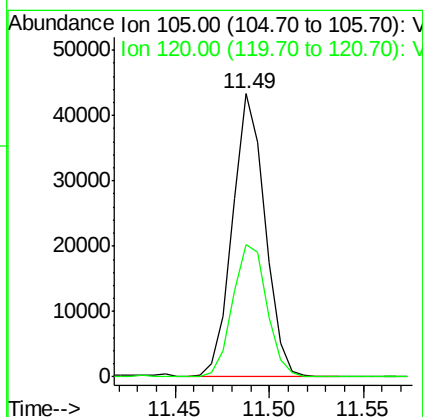
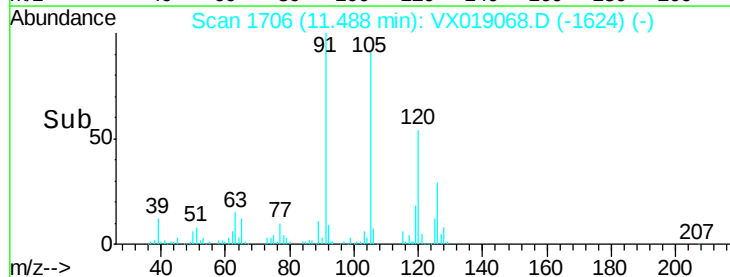
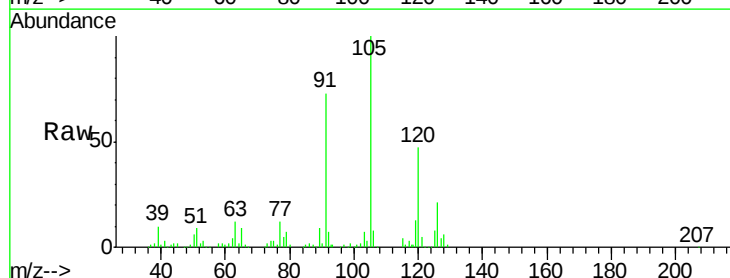
Acq: 23 Oct 2020 09:53

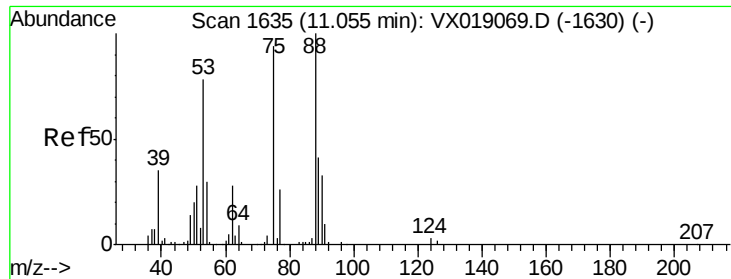
Tgt Ion: 105 Resp: 52135

Ion Ratio Lower Upper

105 100

120 49.0 0.0 100.2





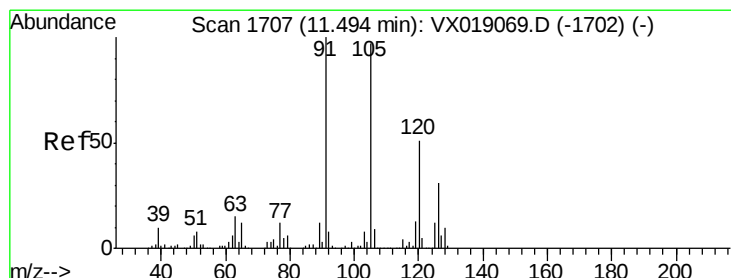
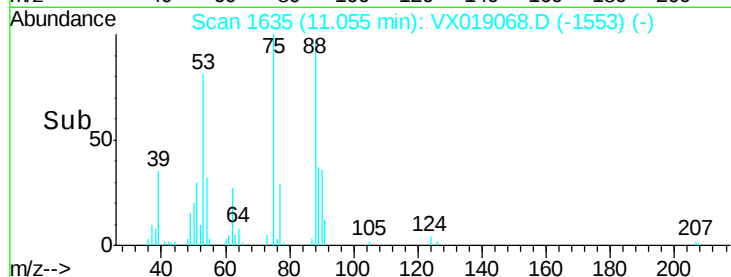
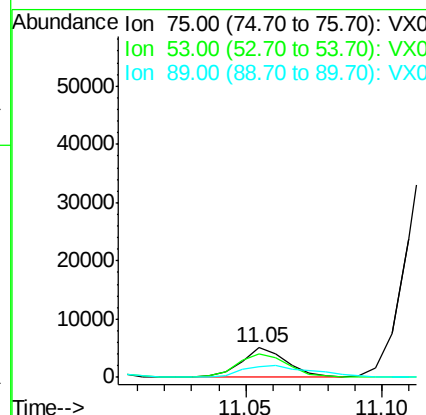
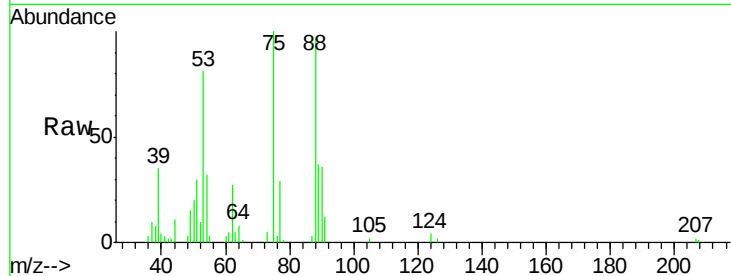
#77
t-1,4-Dichloro-2-butene
Concen: 3.254 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	80.7	41.6	124.8
89	37.2	21.8	65.3

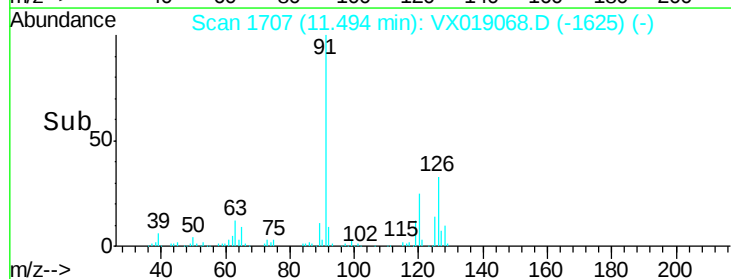
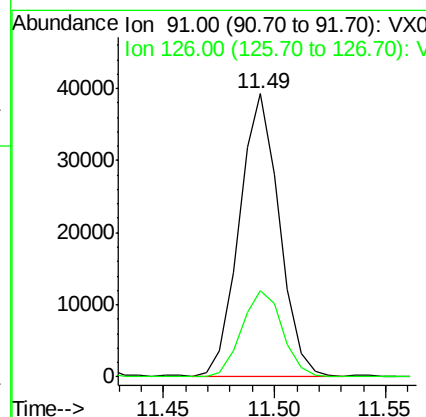
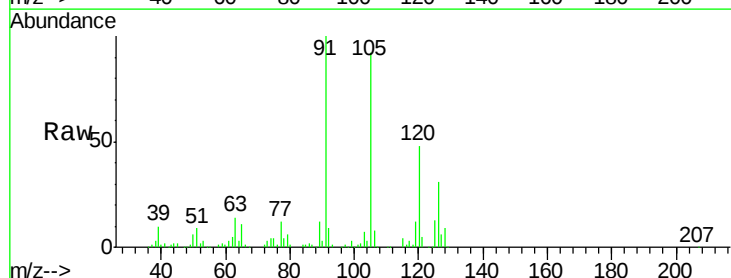
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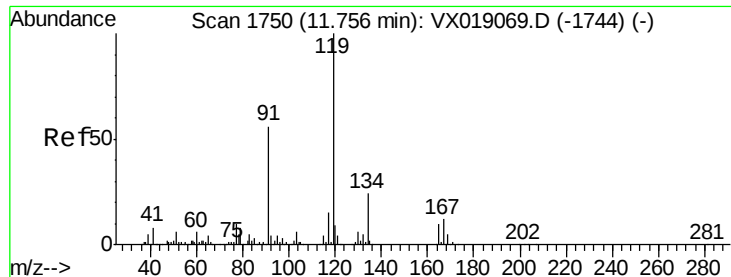
MMDadoda
10/26/2020 11:20:32 AM



#78
4-Chlorotoluene
Concen: 4.271 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	61.2





#79

tert-butylbenzene

Concen: 4.053 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

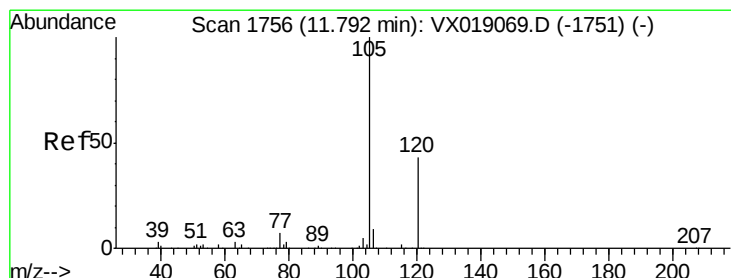
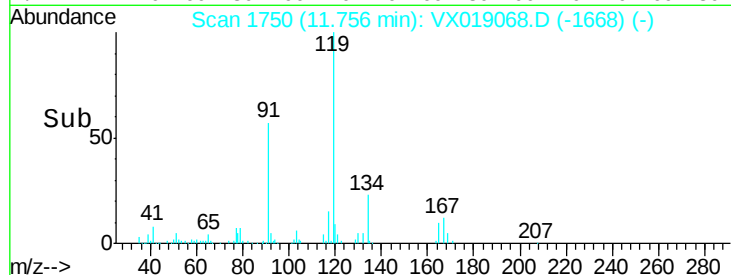
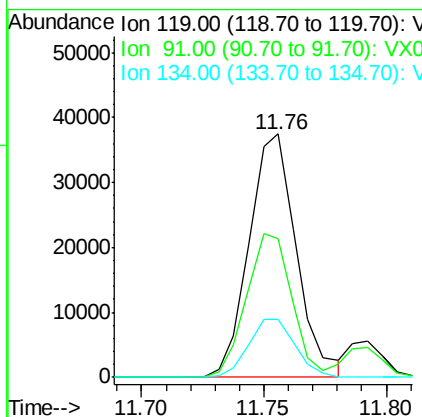
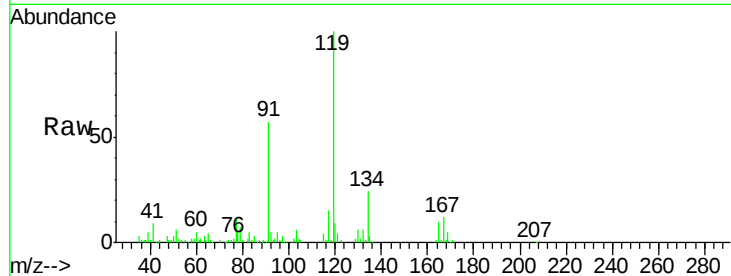
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	50739
Ion Ratio	Lower	Upper	
119	100		
91	56.8	0.0	111.4
134	23.8	0.0	47.2

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#80

1,2,4-Trimethylbenzene

Concen: 4.230 ug/l

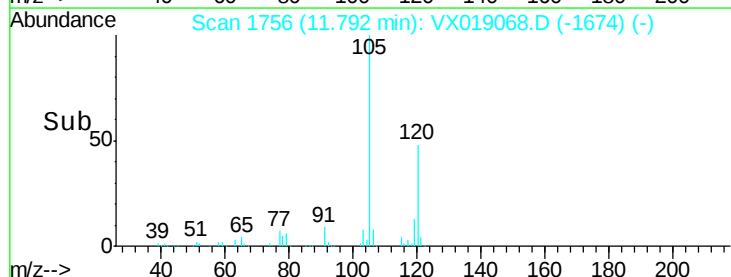
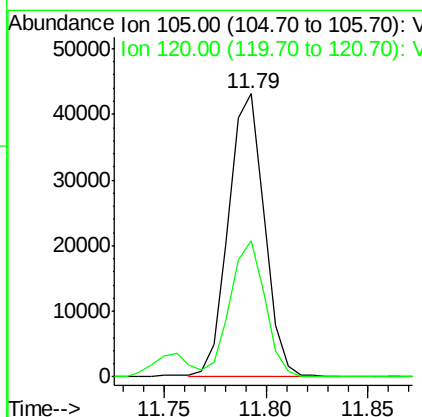
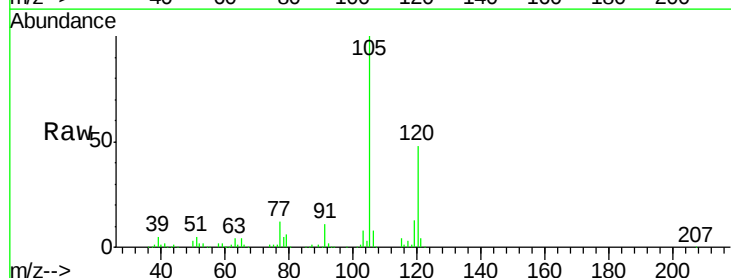
RT: 11.79 min Scan# 1756

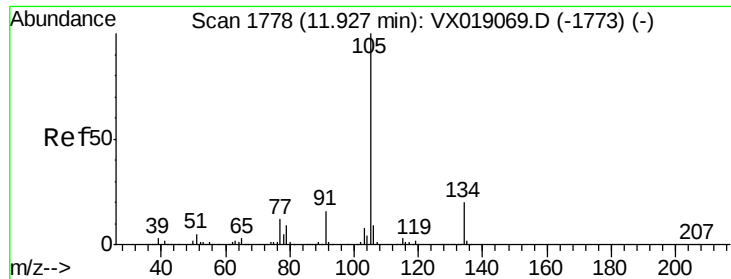
Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Tgt Ion:	105	Resp:	52443
Ion Ratio	Lower	Upper	
105	100		
120	46.9	0.0	92.0





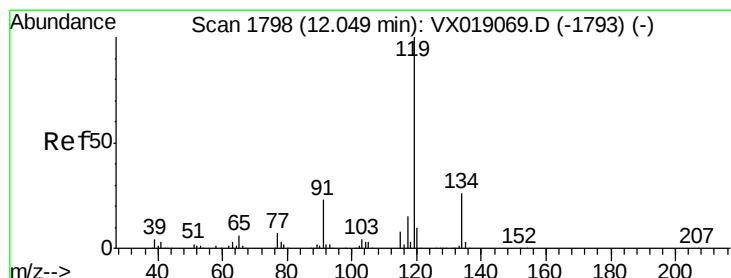
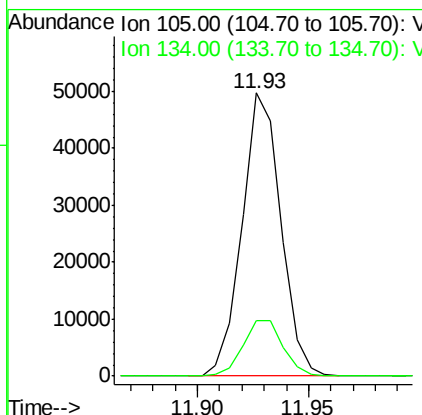
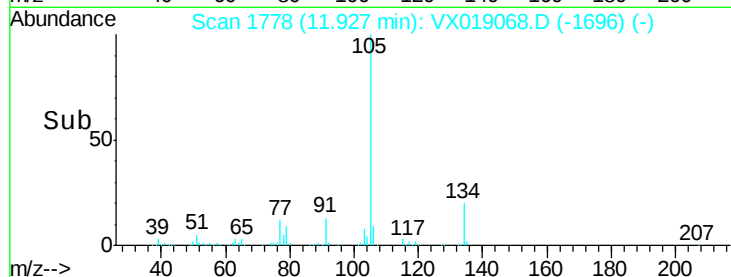
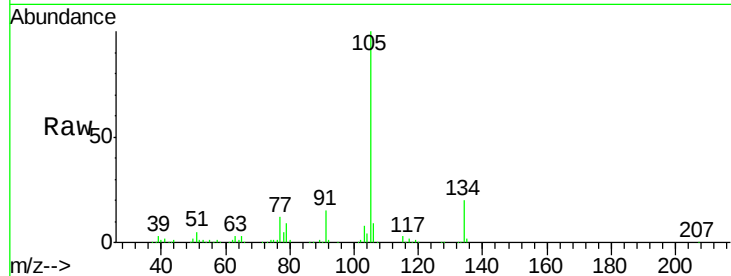
#81
 sec-Butylbenzene
 Concen: 4.189 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	0.0	40.8

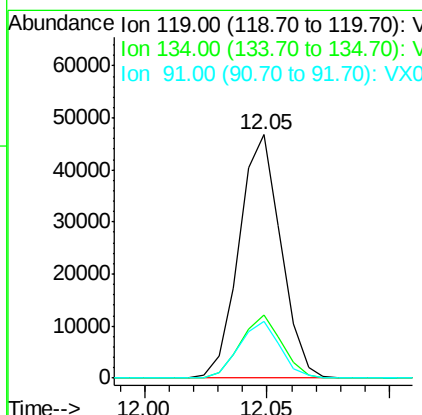
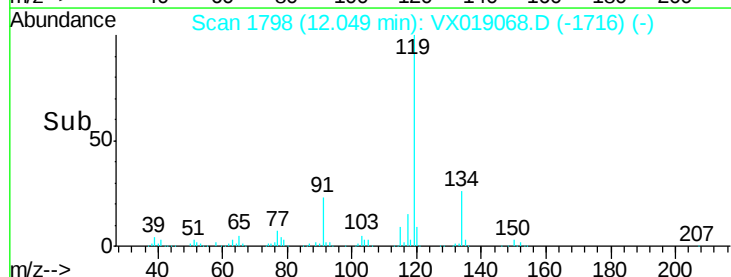
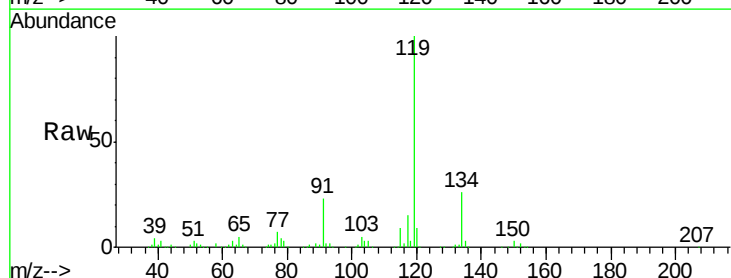
Manual Integrations
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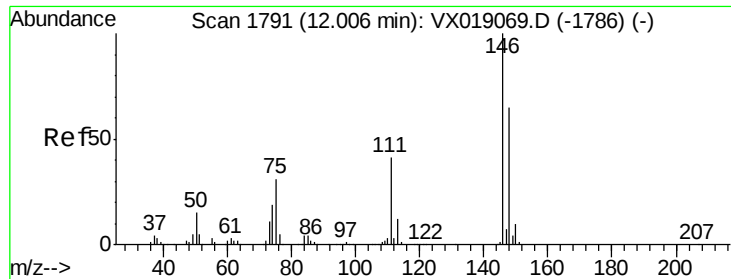
MMDadoda
 10/26/2020 11:20:32 AM



#82
 p-Isopropyltoluene
 Concen: 4.124 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	0.0	52.0
91	22.8	0.0	45.6





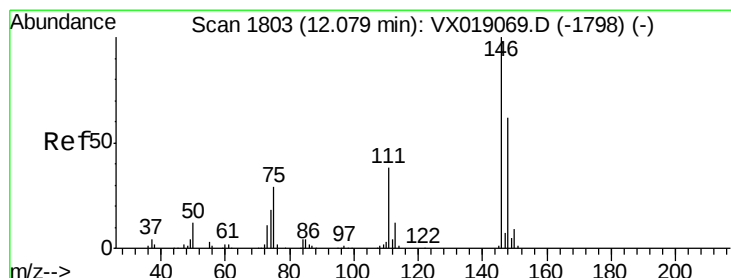
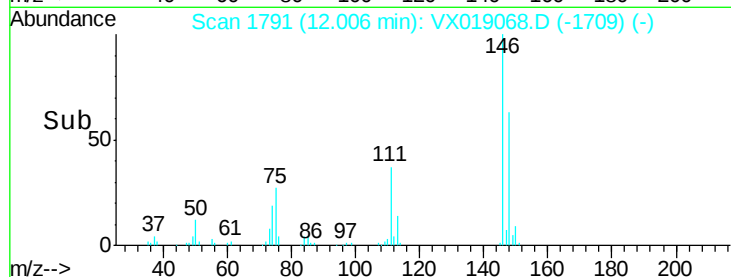
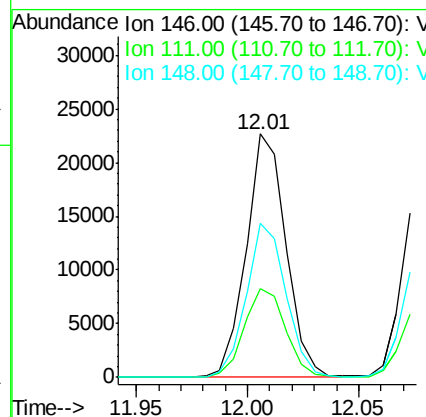
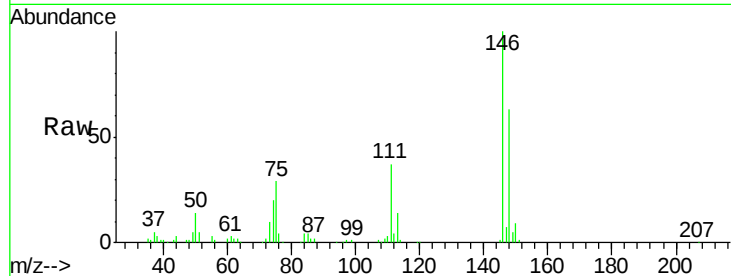
#83
 1,3-Dichlorobenzene
 Concen: 4.151 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.0	59.9
148	63.4	32.2	96.6

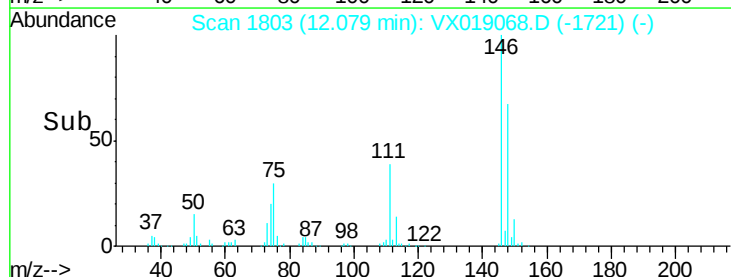
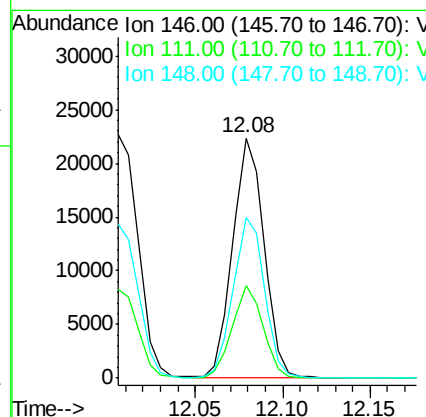
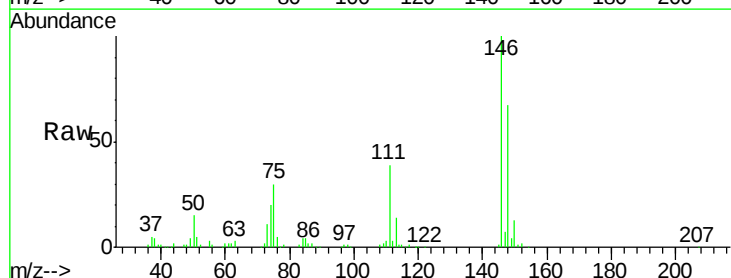
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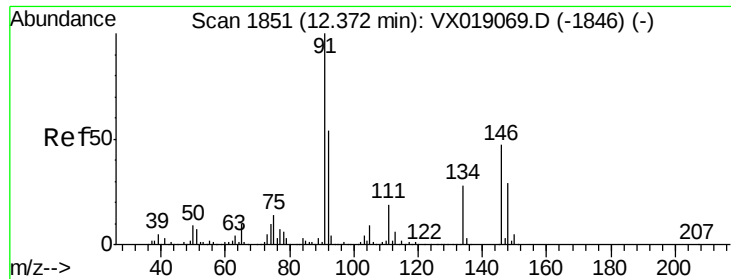
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#84
 1,4-Dichlorobenzene
 Concen: 4.095 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	66.7	31.6	95.0





#85

n-Butylbenzene

Concen: 4.051 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019068.D

Acq: 23 Oct 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 48787

Ion Ratio Lower Upper

91 100

92 54.4 0.0 107.4

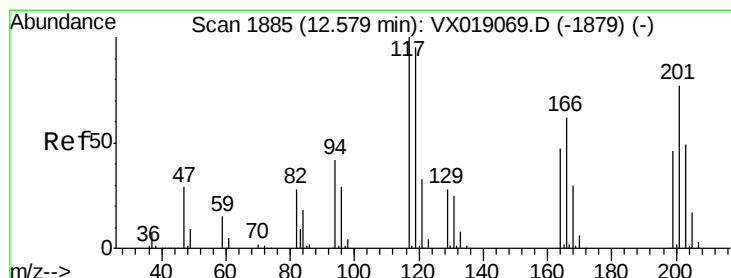
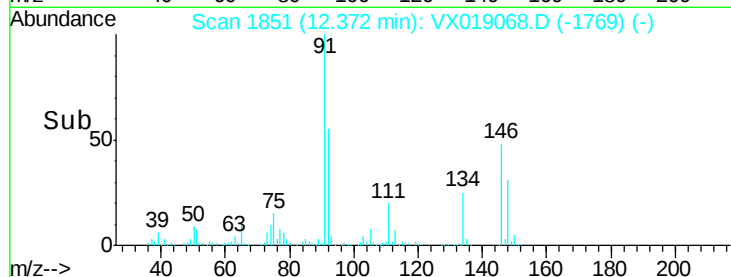
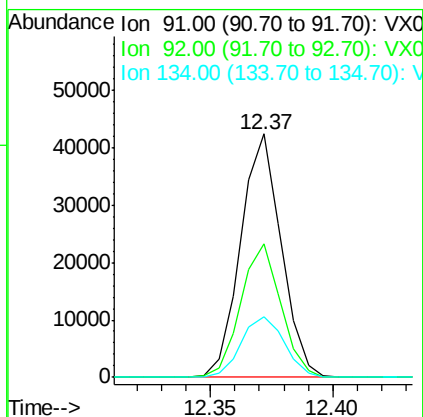
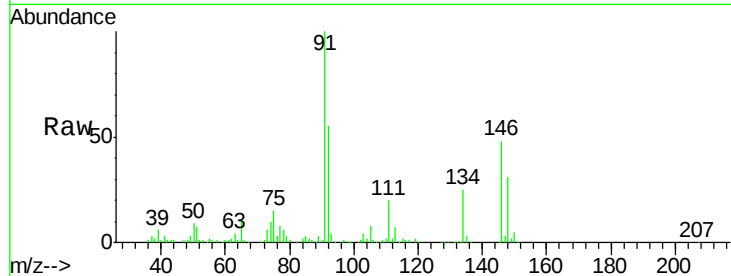
134 26.7 0.0 54.6

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#86

Hexachloroethane

Concen: 3.390 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019068.D

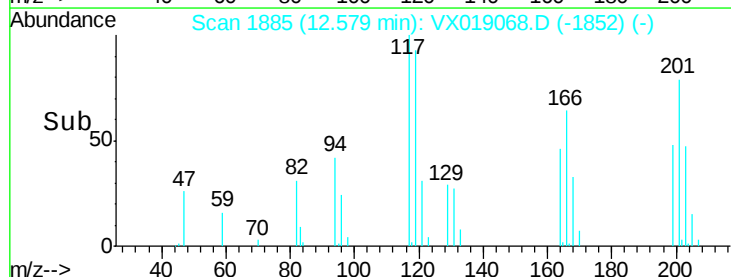
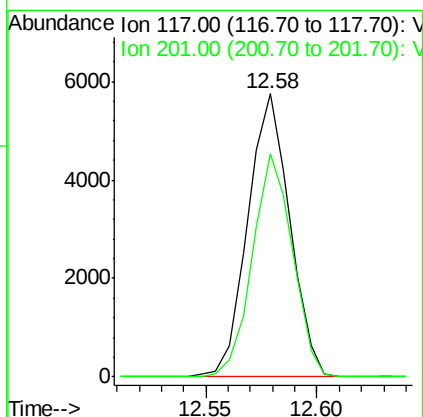
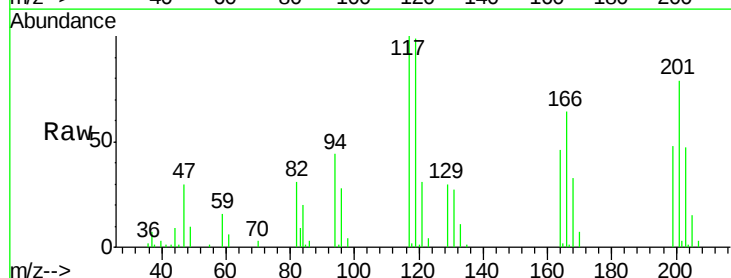
Acq: 23 Oct 2020 09:53

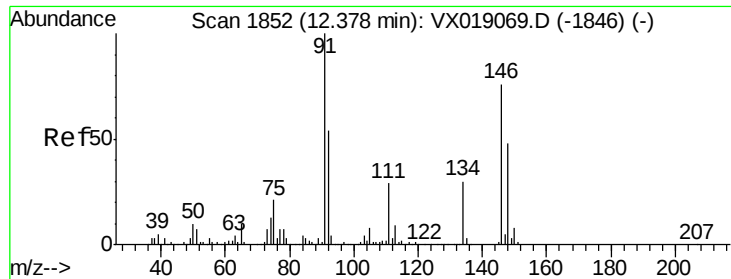
Tgt Ion: 117 Resp: 7552

Ion Ratio Lower Upper

117 100

201 75.4 38.4 115.1





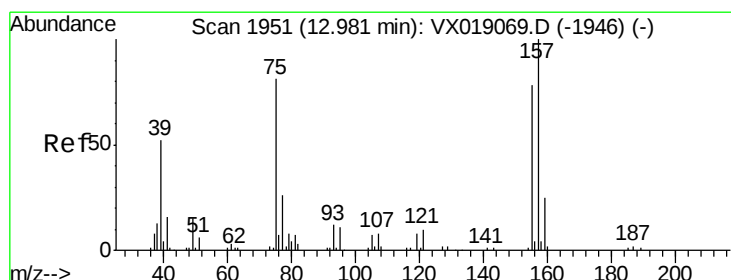
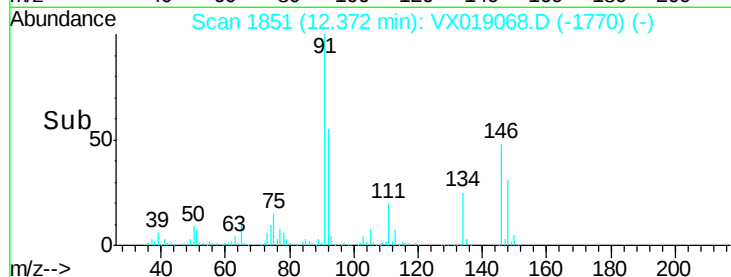
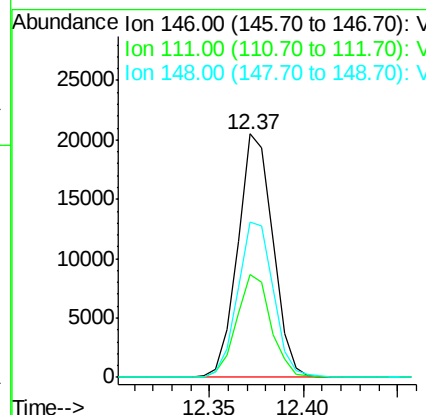
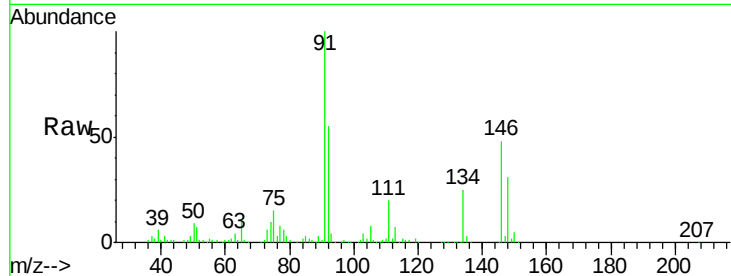
#87
 1,2-Dichlorobenzene
 Concen: 4.032 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	61.0
148	64.7	32.1	96.5

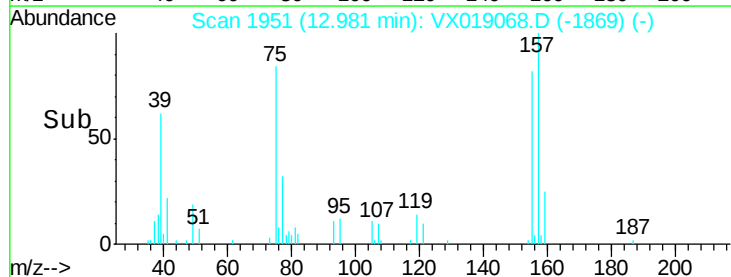
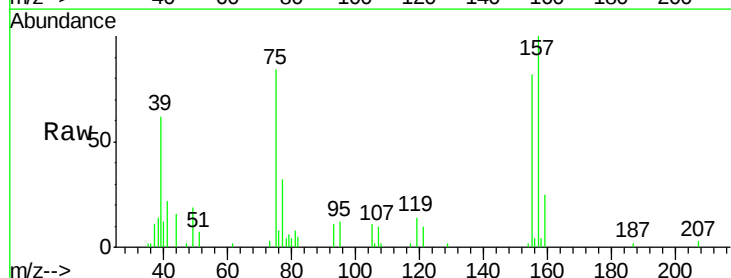
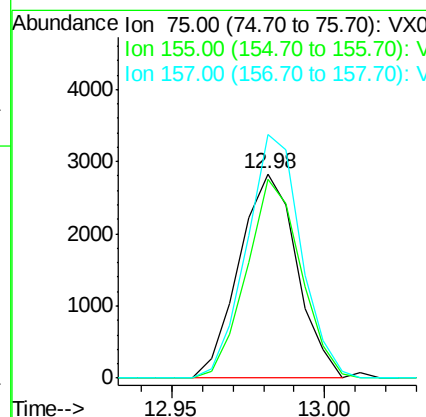
Manual Integrations
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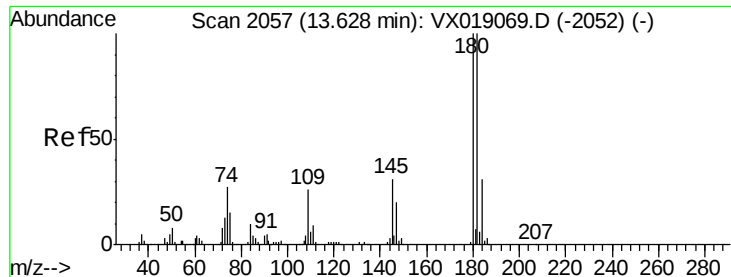
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 3.339 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.6	73.7	110.5
157	113.1	96.5	144.7





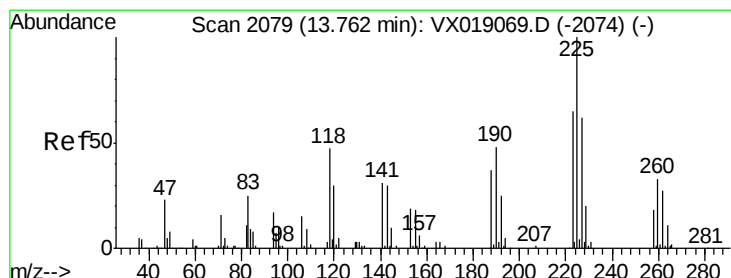
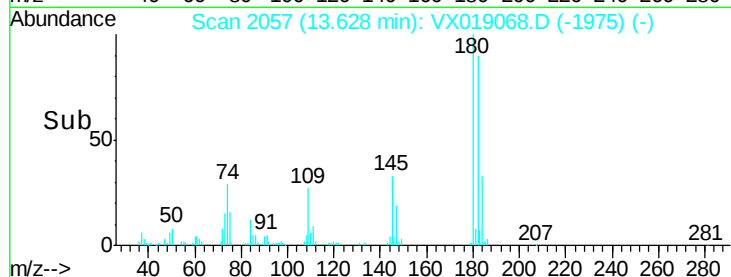
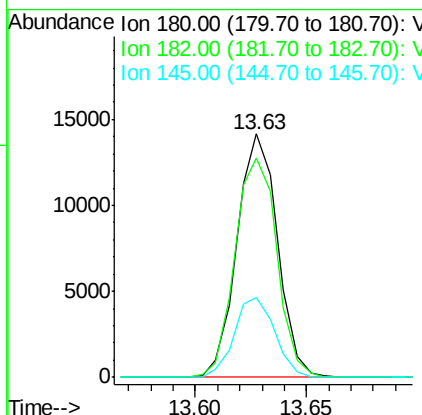
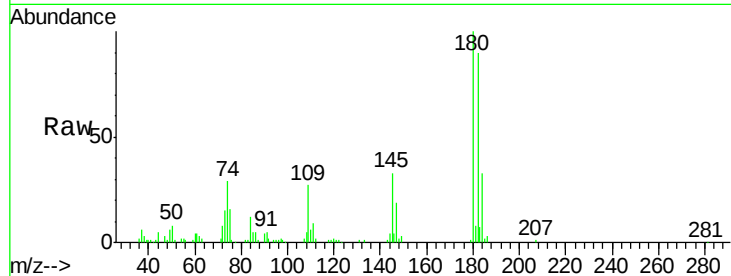
#89
 1,2,4-Trichlorobenzene
 Concen: 3.744 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.5	114.7
145	32.6	24.2	36.4

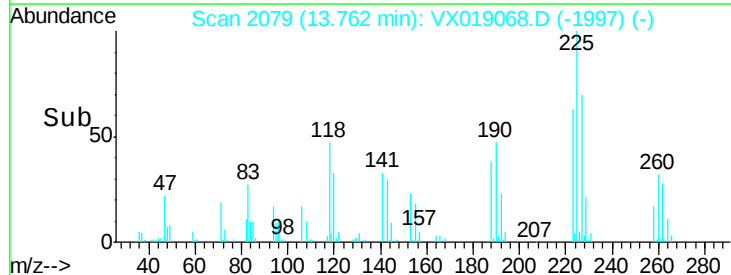
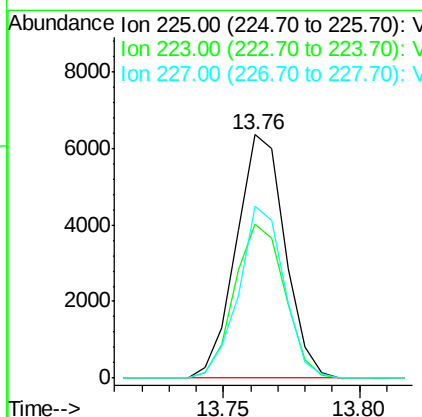
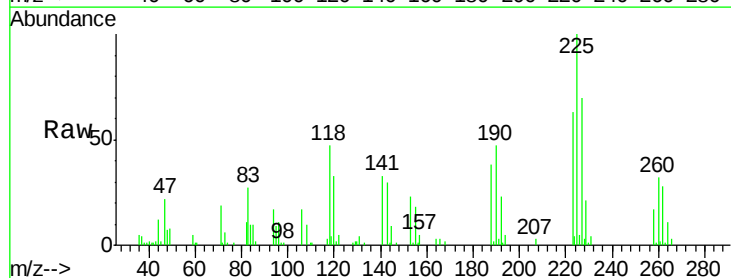
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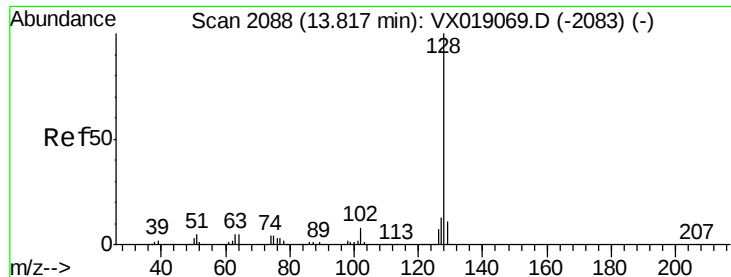
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#90
 Hexachlorobutadiene
 Concen: 3.940 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019068.D
 Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	0.0	130.0
227	66.0	0.0	128.6





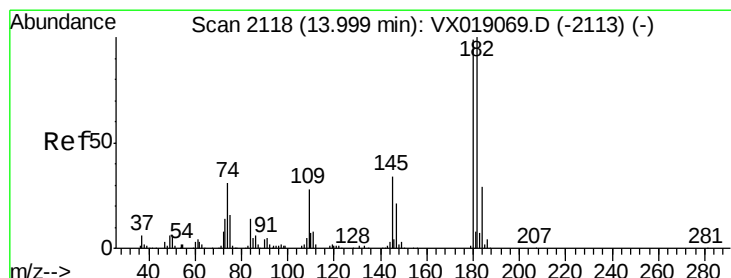
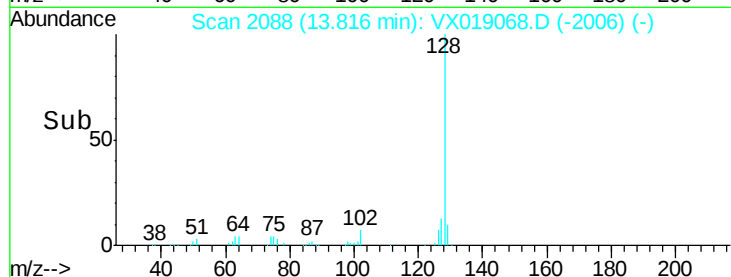
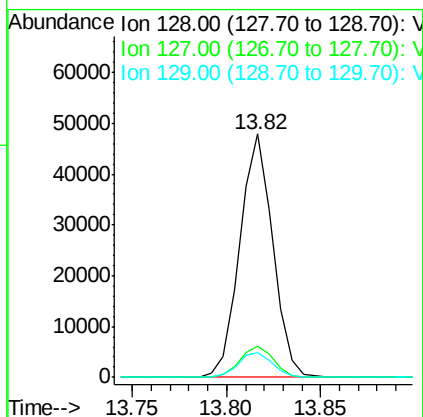
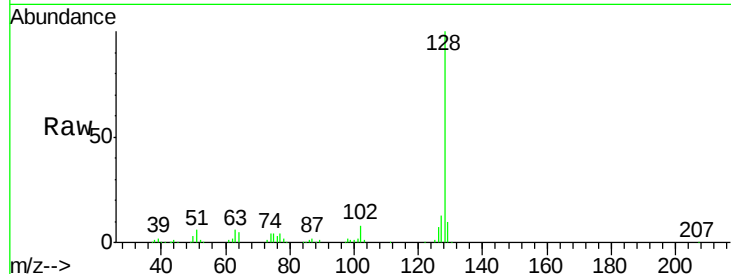
#91
Naphthalene
Concen: 3.700 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.7	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 3.854 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019068.D
Acq: 23 Oct 2020 09:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	0.0	192.4
145	32.2	0.0	64.6

