

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019468.D
 Acq On : 19 Nov 2020 16:02
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:25:00 PM

Quant Time: Nov 19 17:28:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 19 17:22:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.97	128	50645	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	271148	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	255295	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.02	65	110397	32.34	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.80%
60) 4-Bromofluorobenzene	11.12	95	118747	30.46	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.53%
63) Toluene-d8	8.69	98	340286	30.19	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	12868	4.791 ug/l	98
3) Chloromethane	1.31	50	15548	6.145 ug/l	100
4) Vinyl Chloride	1.39	62	17165	5.414 ug/l	96
5) Bromomethane	1.62	94	7316	3.518 ug/l	95
6) Chloroethane	1.69	64	5245	2.697 ug/l	99
7) Trichlorofluoromethane	1.90	101	24634	4.626 ug/l	100
8) Diethyl Ether	2.17	74	10229	5.073 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	14524	5.549 ug/l	98
10) 1,1-Dichloroethene	2.35	96	14061	5.289 ug/l	95
11) Methyl Iodide	2.48	142	14738	5.451 ug/l	99
12) Methyl Acetate	2.75	43	16816	6.143 ug/l	94
13) Acrolein	2.28	56	13626	46.365 ug/l	99
14) Acrylonitrile	3.12	53	40610	31.233 ug/l	100
15) Acetone	2.42	58	12392	32.783 ug/l	94
16) Carbon Disulfide	2.54	76	35394	4.878 ug/l	98
17) Allyl chloride	2.70	41	19909	5.789 ug/l	95
18) Methylene Chloride	2.83	84	17747	5.764 ug/l	98
19) trans-1,2-Dichloroethene	3.13	96	15291	4.990 ug/l	99
20) Diisopropyl ether	3.82	45	43649	6.158 ug/l	92
21) 1,1-Dichloroethane	3.67	63	27509	5.519 ug/l	98
22) cis-1,2-Dichloroethene	4.56	96	17841	5.024 ug/l	96
23) tert-Butyl Alcohol	3.04	59	16952	27.048 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	45816	5.376 ug/l	97
25) Chloroform	5.17	83	29187	5.333 ug/l	100
26) Cyclohexane	5.54	56	23018	5.827 ug/l	# 96
29) 1,1-Dichloropropene	5.76	75	20864	5.253 ug/l	98
30) 2-Butanone	4.64	43	53312	31.630 ug/l	# 93
31) 2,2-Dichloropropane	4.54	77	23026	5.067 ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	24733	5.191 ug/l	97
33) Carbon Tetrachloride	5.74	117	19975	4.844 ug/l	89
34) Benzene	6.10	78	65929	5.546 ug/l	98
35) Methacrylonitrile	5.00	41	11003	6.186 ug/l	96
36) 1,2-Dichloroethane	6.16	62	23612	5.772 ug/l	100
37) Trichloroethene	7.18	130	17604	5.230 ug/l	96
38) Methylcyclohexane	7.43	83	24419	5.392 ug/l	99
39) 1,2-Dichloropropane	7.48	63	15790	5.611 ug/l	93
40) Dibromomethane	7.63	93	10992	5.147 ug/l	94

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

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

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 11/20/2020 12:25:00 PM

Quant Time: Nov 19 17:28:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 19 17:22:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	20849	4.977	ug/l	99
42) Vinyl Acetate	3.78	43	176370	27.684	ug/l	100
43) Ethyl Acetate	4.79	43	20338	5.917	ug/l	100
44) Isopropyl Acetate	6.41	43	32546	5.683	ug/l	99
45) 1,4-Dioxane	7.72	88	7230	118.769	ug/l	99
46) Methyl methacrylate	7.74	41	15370	5.663	ug/l	93
47) n-amyl Acetate	10.88	43	23492	5.092	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	21551	4.627	ug/l	98
49) cis-1,3-Dichloropropene	8.41	75	24770	4.969	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	17389	5.558	ug/l	95
51) Ethyl methacrylate	9.16	69	21922	4.891	ug/l	96
52) 1,3-Dichloropropane	9.35	76	28735	5.644	ug/l	100
53) Dibromochloromethane	9.56	129	15292	4.499	ug/l	99
54) 1,2-Dibromoethane	9.65	107	17292	5.157	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	65019	27.446	ug/l	99
56) Bromoform	10.84	173	10006	4.217	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	97662	28.390	ug/l	99
59) 2-Hexanone	9.47	43	75274	29.250	ug/l	98
61) Tetrachloroethene	9.32	164	17702	5.559	ug/l	96
62) Toluene	8.76	91	71499	5.156	ug/l	99
64) Chlorobenzene	10.12	112	43385	5.022	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.20	131	15169	4.825	ug/l	98
66) Ethyl Benzene	10.23	91	74896	4.915	ug/l	99
67) m/p-Xylenes	10.34	106	55094	9.496	ug/l	99
68) o-Xylene	10.68	106	26029	4.704	ug/l	97
69) Styrene	10.70	104	41907	4.481	ug/l	99
70) Isopropylbenzene	11.00	105	71231	4.767	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	24779	5.583	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	22901m	5.766	ug/l	
73) Bromobenzene	11.24	156	18741	5.125	ug/l	96
74) n-propylbenzene	11.34	91	80964	4.783	ug/l	100
75) 2-Chlorotoluene	11.40	91	50743	5.213	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	58760	4.819	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	5912	3.890	ug/l	83
78) 4-Chlorotoluene	11.49	91	57192	5.017	ug/l	100
79) tert-butylbenzene	11.76	119	55933	4.698	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	58249	4.806	ug/l	99
81) sec-Butylbenzene	11.93	105	67471	4.755	ug/l	98
82) p-Isopropyltoluene	12.05	119	59982	4.606	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	33741	5.119	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	33070	4.944	ug/l	98
85) n-Butylbenzene	12.37	91	52782	4.536	ug/l	98
86) Hexachloroethane	12.58	117	9182	4.508	ug/l	99
87) 1,2-Dichlorobenzene	12.37	146	32565	5.133	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	4576	4.665	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	19421	4.351	ug/l	98
90) Hexachlorobutadiene	13.76	225	9499	4.877	ug/l	94
91) Naphthalene	13.82	128	57407	3.948	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	19437	4.481	ug/l	97

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

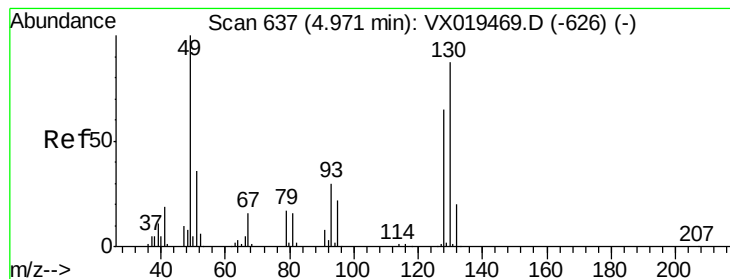
Manual Integrations
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11/20/2020 12:25:00 PM

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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: 4.97 min Scan# 637

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

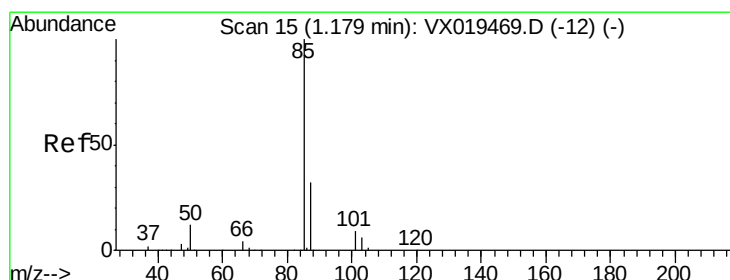
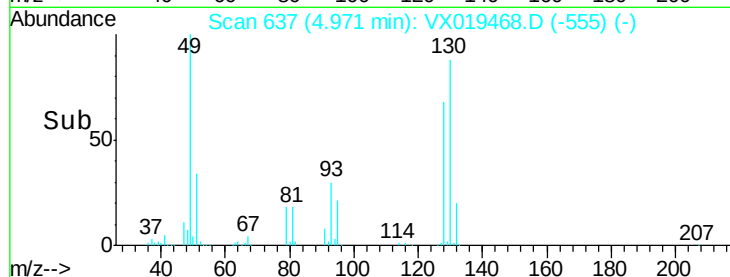
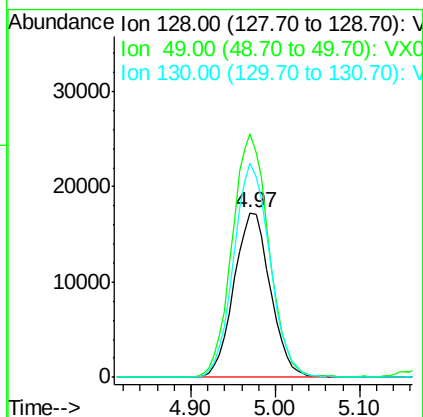
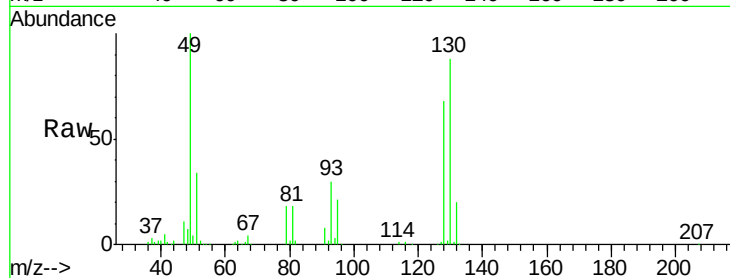
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	50645
Ion	Ratio	Lower	Upper
128	100		
49	148.8	0.0	377.8
130	129.5	0.0	324.0

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#2

Dichlorodifluoromethane

Concen: 4.791 ug/l

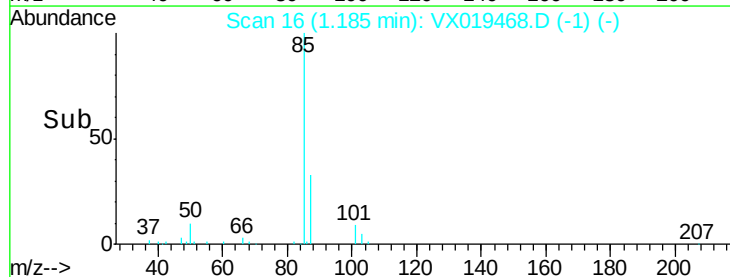
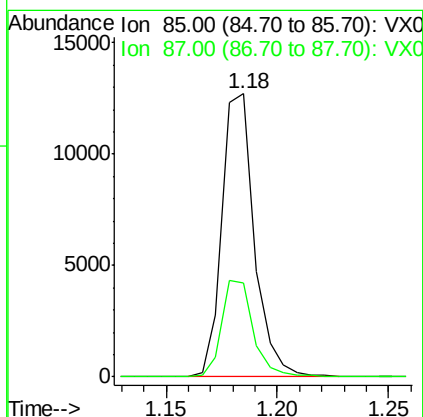
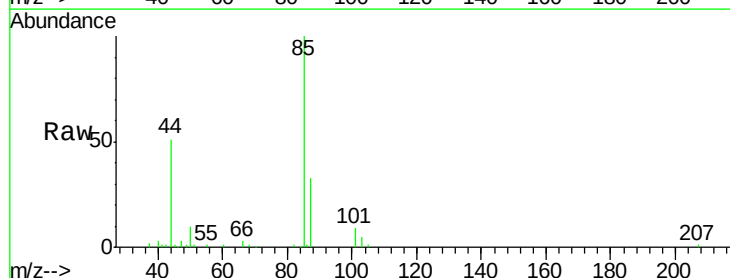
RT: 1.18 min Scan# 16

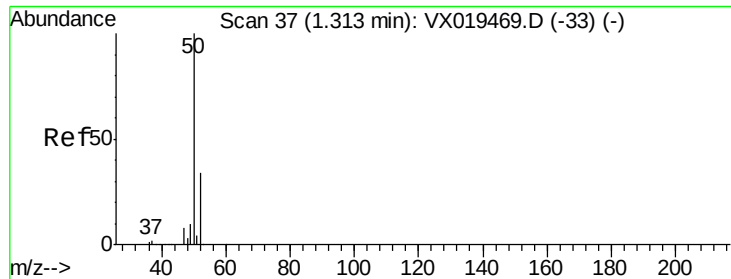
Delta R.T. 0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Tgt Ion:	85	Resp:	12868
Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.0	47.9





#3

Chloromethane

Concen: 6.145 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 15548

Ion Ratio Lower Upper

50 100

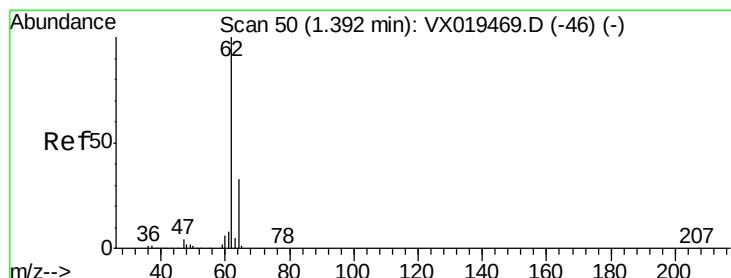
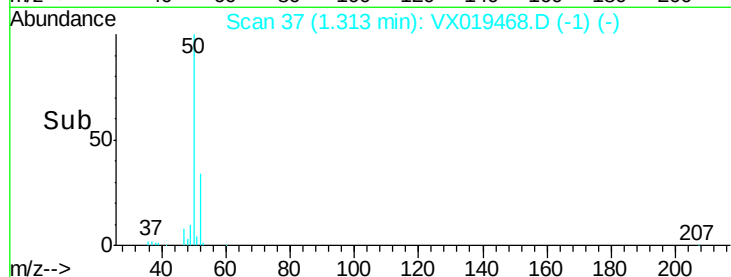
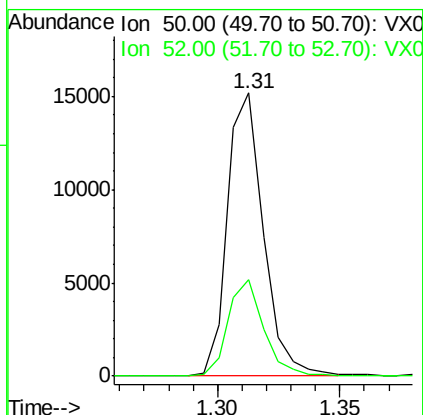
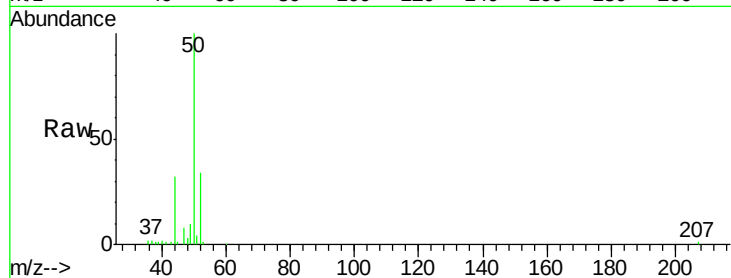
52 34.2 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.414 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019468.D

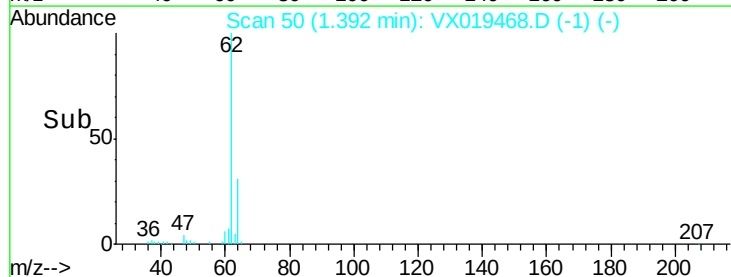
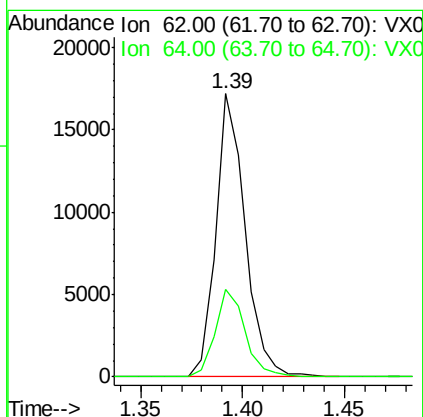
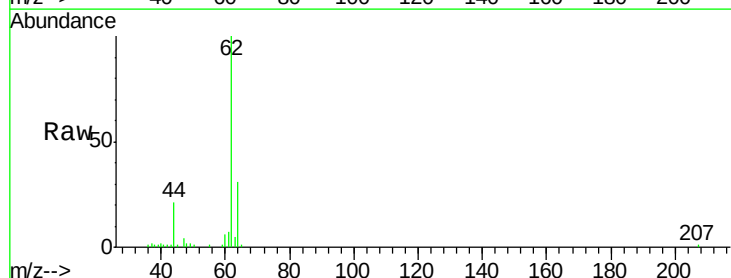
Acq: 19 Nov 2020 16:02

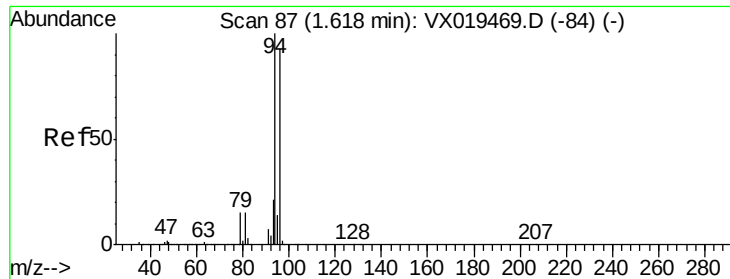
Tgt Ion: 62 Resp: 17165

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6





#5

Bromomethane

Concen: 3.518 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 7316

Ion Ratio Lower Upper

94 100

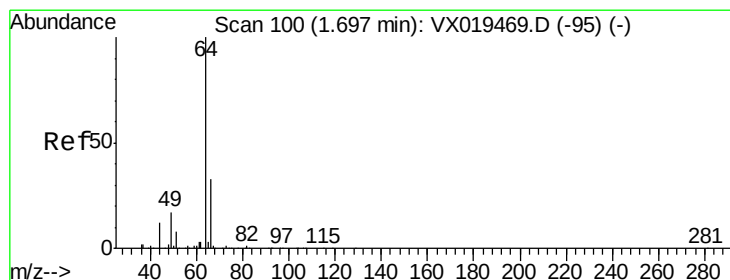
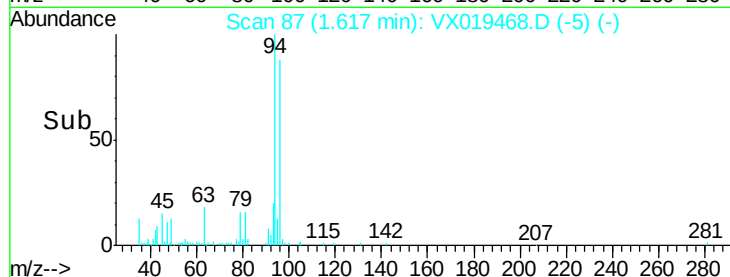
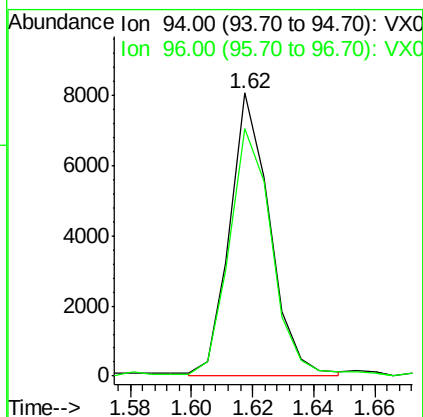
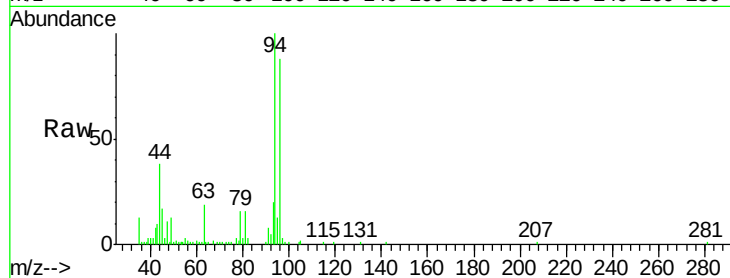
96 88.0 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 2.697 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX019468.D

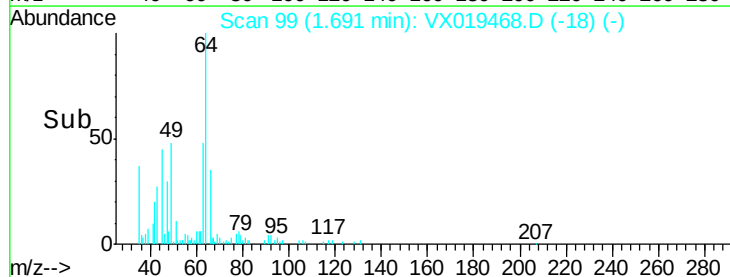
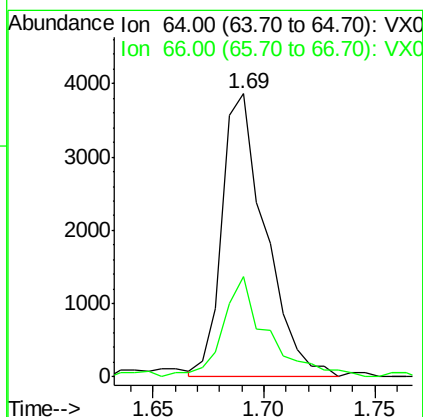
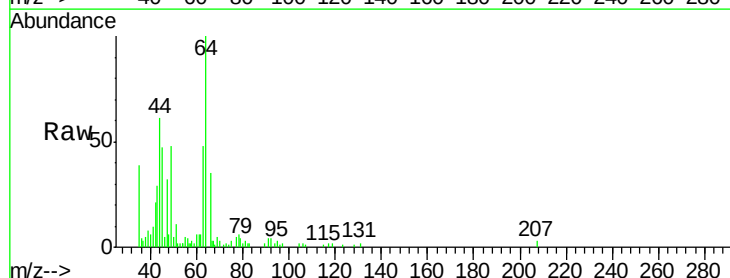
Acq: 19 Nov 2020 16:02

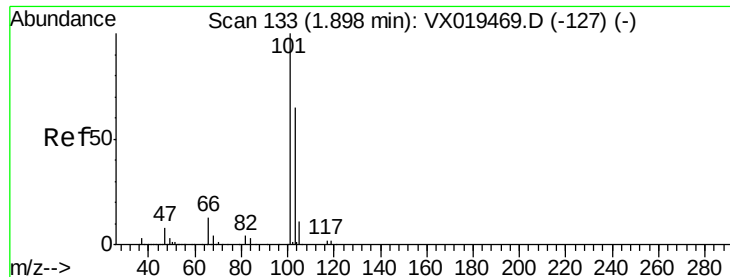
Tgt Ion: 64 Resp: 5245

Ion Ratio Lower Upper

64 100

66 33.9 26.6 40.0





#7

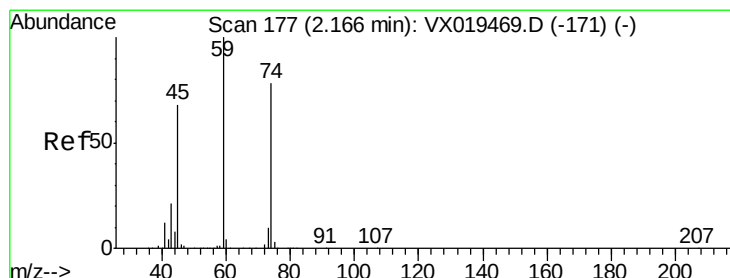
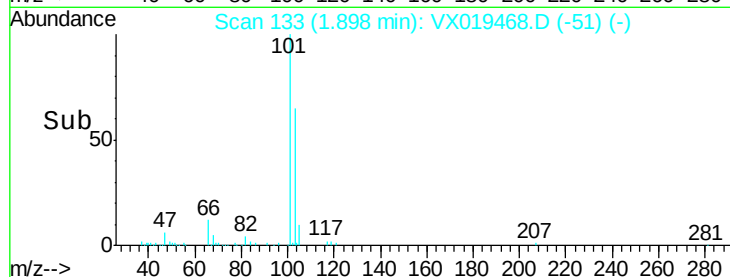
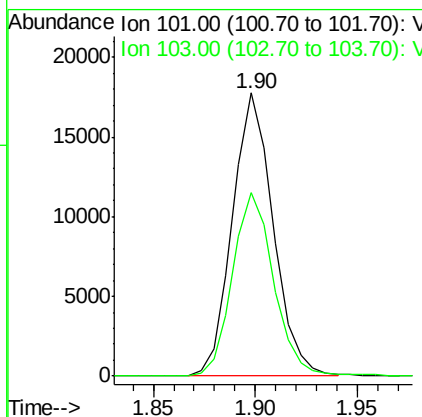
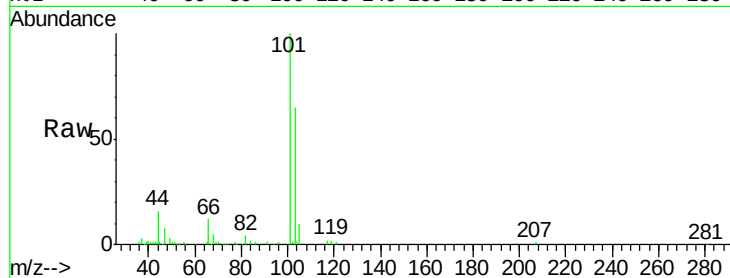
Trichlorofluoromethane
Concen: 4.626 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.6

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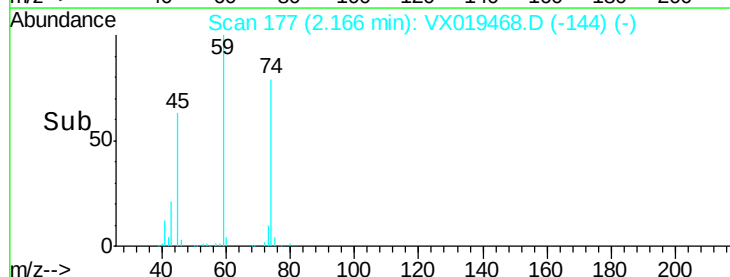
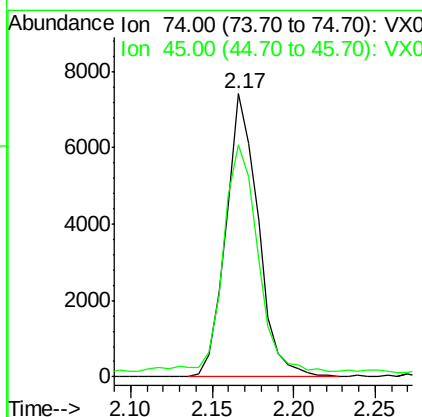
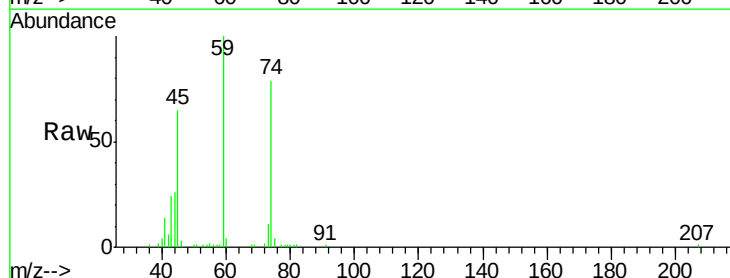
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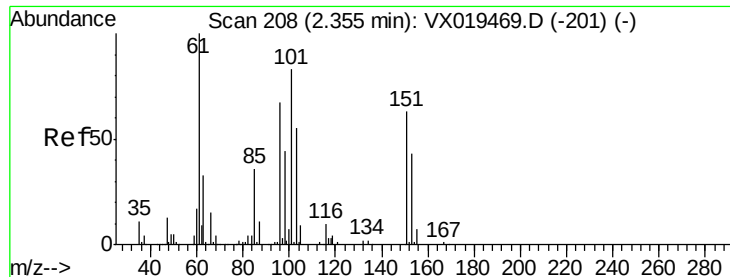


#8

Diethyl Ether
Concen: 5.073 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.2	17.2	155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.549 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

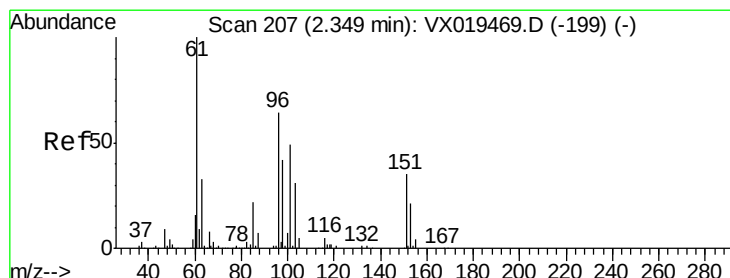
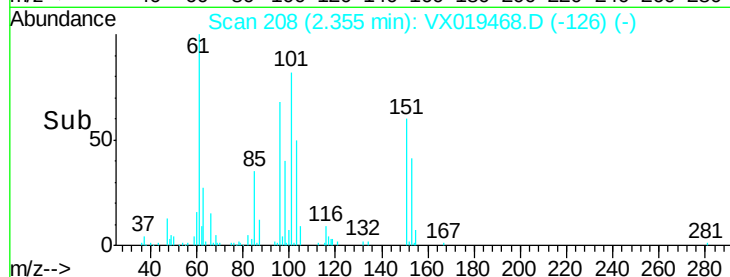
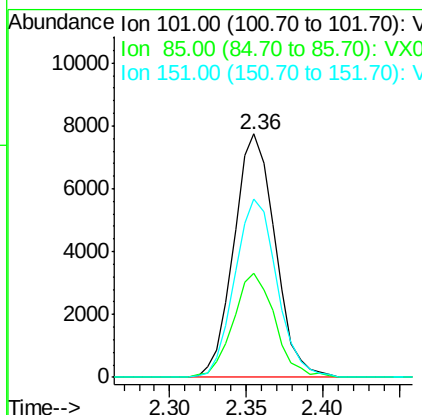
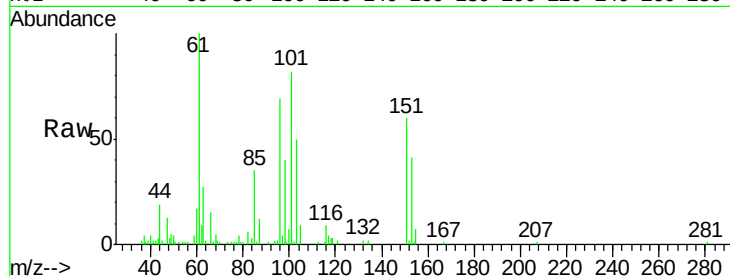
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	14524
Ion Ratio	Lower	Upper	
101	100		
85	43.1	0.0	88.8
151	74.7	0.0	153.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 5.289 ug/l

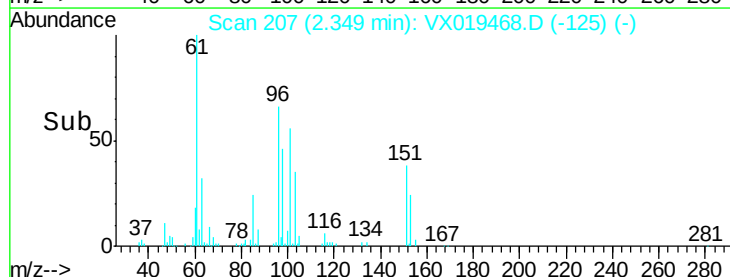
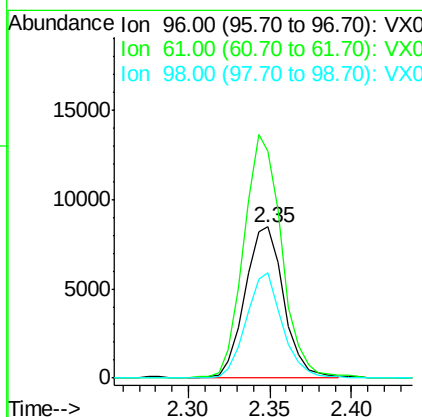
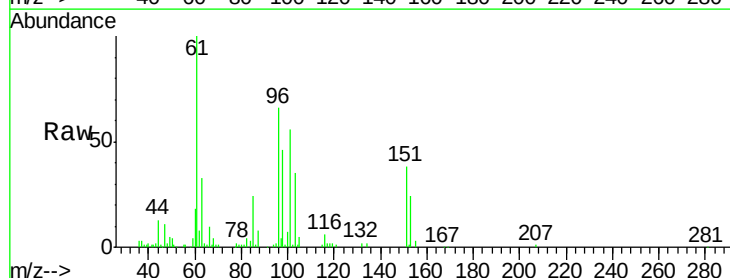
RT: 2.35 min Scan# 207

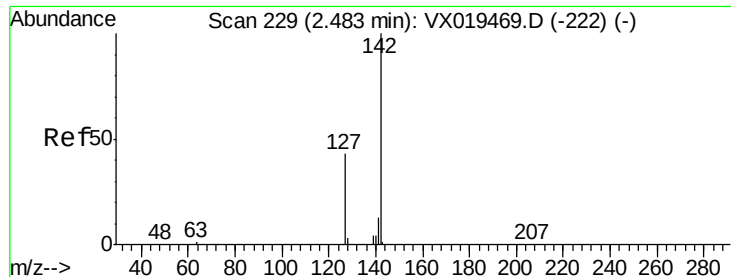
Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Tgt Ion:	96	Resp:	14061
Ion Ratio	Lower	Upper	
96	100		
61	150.7	125.4	188.2
98	70.1	52.4	78.6





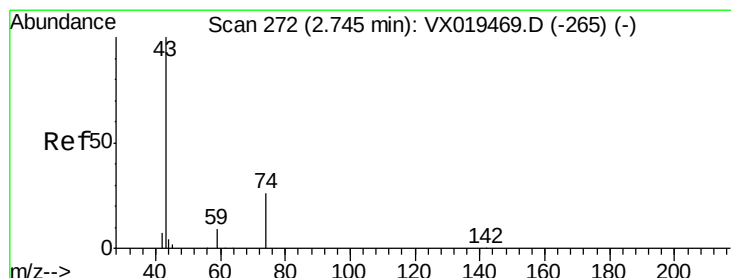
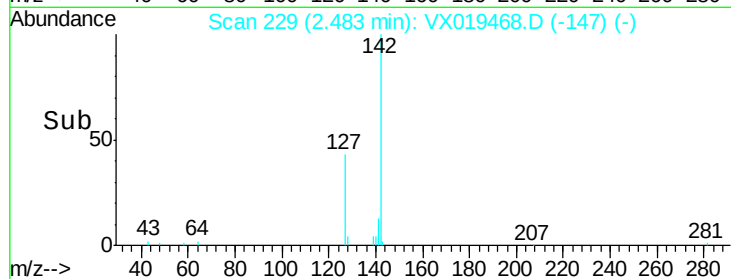
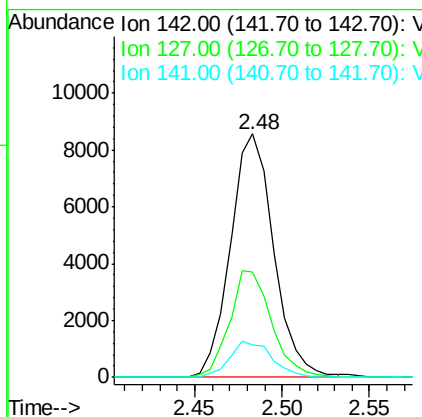
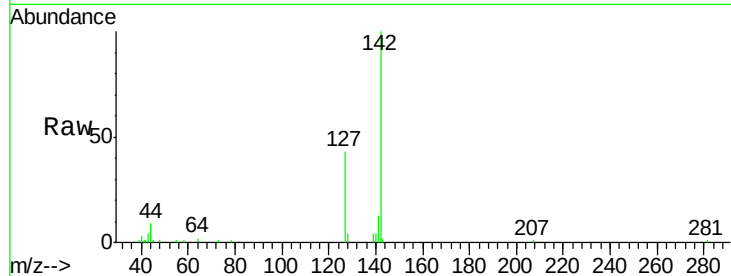
#11
Methvl Iodide
Concen: 5.451 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.3	21.3	64.0
141	13.4	6.7	20.0

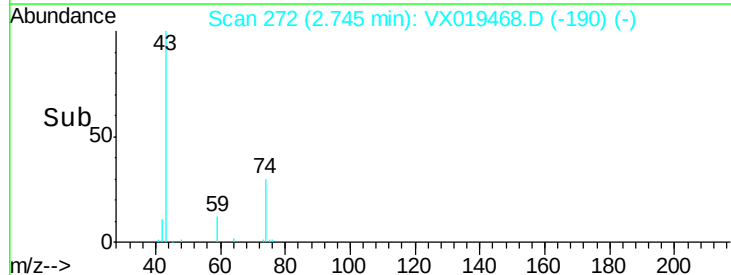
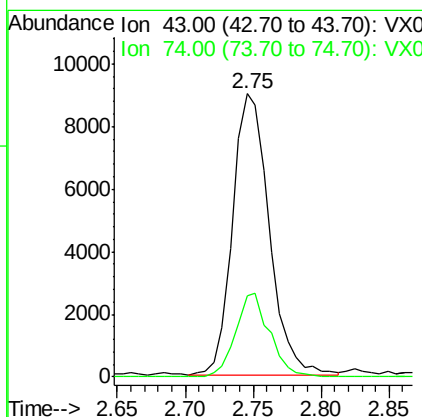
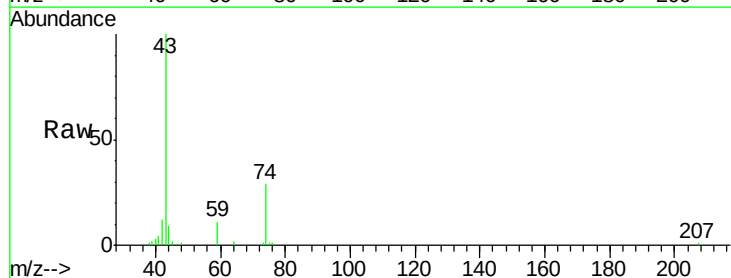
Manual Integrations
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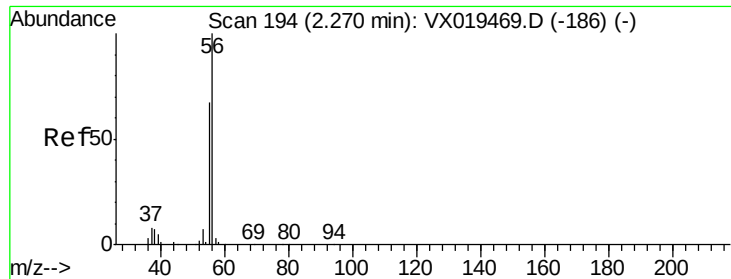
MMDadoda
11/20/2020 12:25:00 PM



#12
Methyl Acetate
Concen: 6.143 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.9	20.7	31.1





#13

Acrolein

Concen: 46.365 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 13626

Ion Ratio Lower Upper

56 100

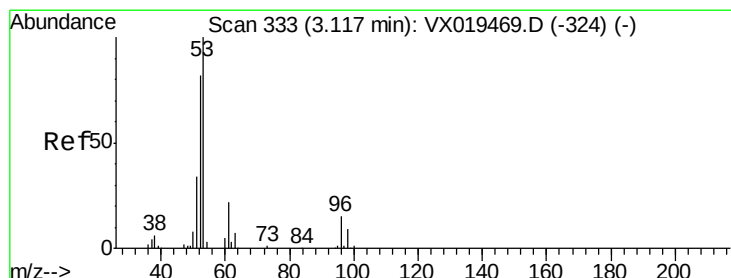
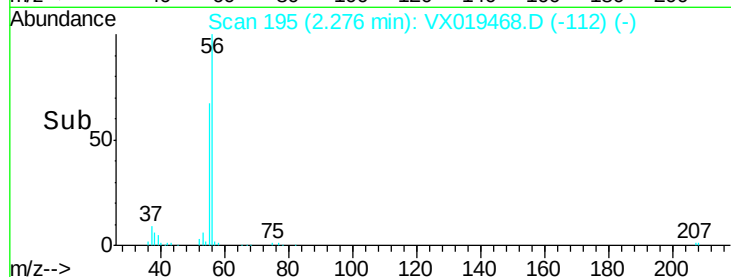
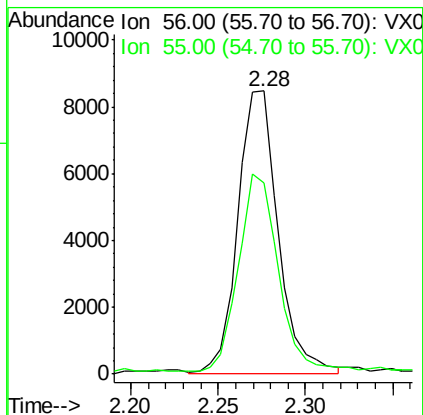
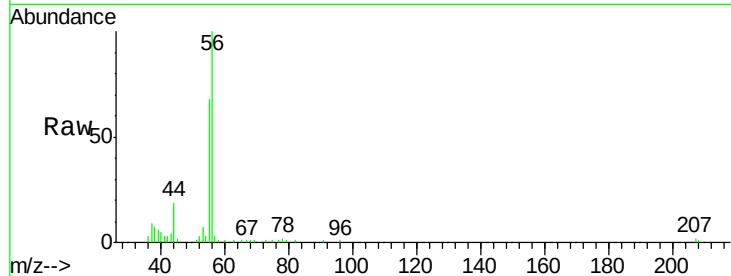
55 71.0 56.5 84.7

Manual Integrations

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11/20/2020 12:25:00 PM



#14

Acrylonitrile

Concen: 31.233 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

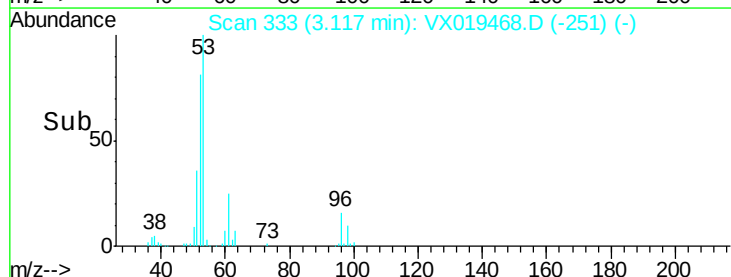
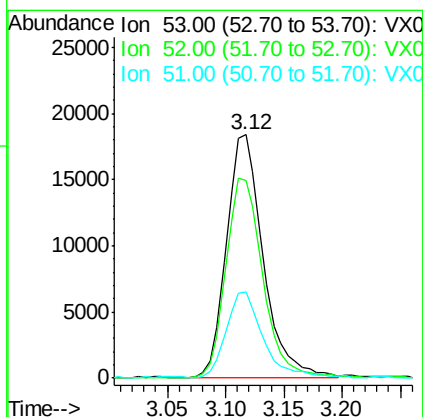
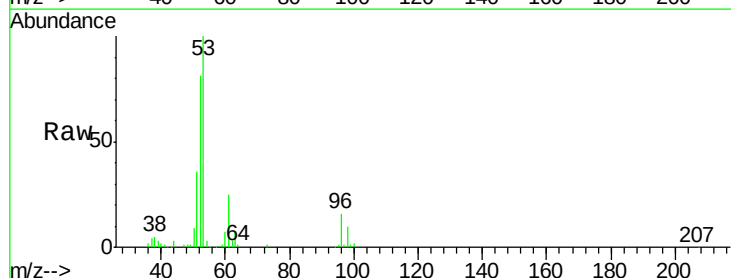
Tgt Ion: 53 Resp: 40610

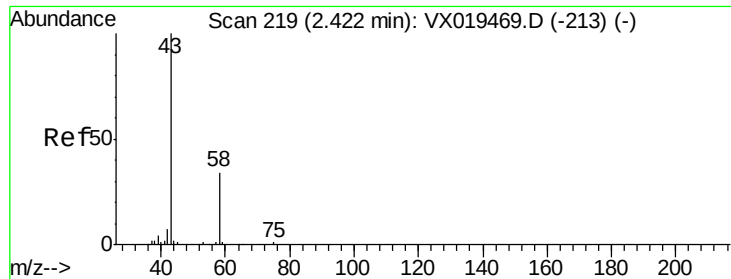
Ion Ratio Lower Upper

53 100

52 82.0 41.3 123.7

51 35.6 17.8 53.3





#15

Acetone

Concen: 32.783 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 12392

Ion Ratio Lower Upper

58 100

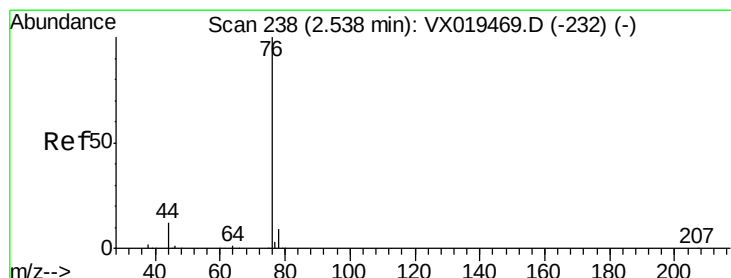
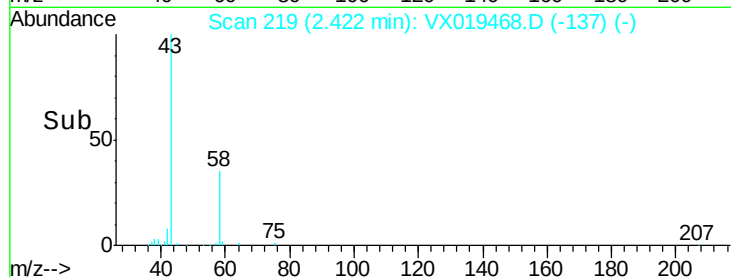
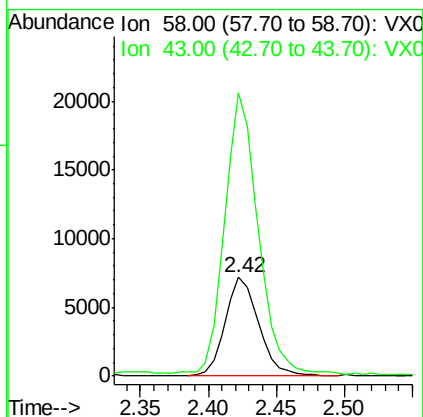
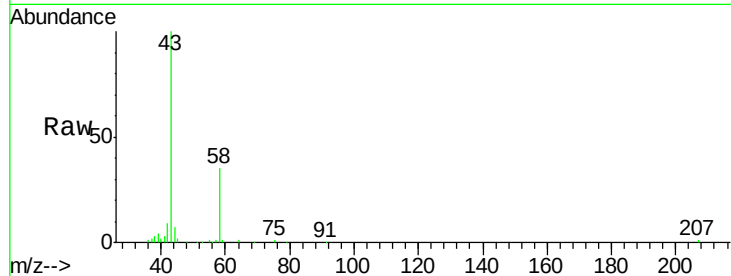
43 284.5 236.3 354.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 4.878 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VX019468.D

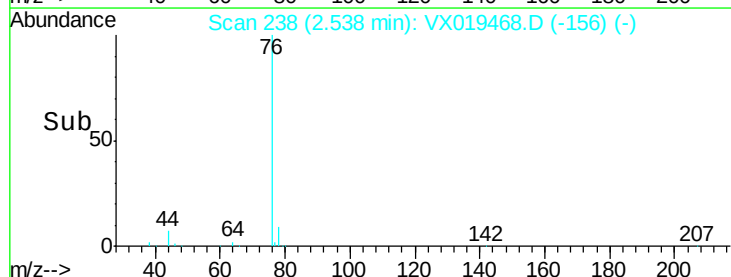
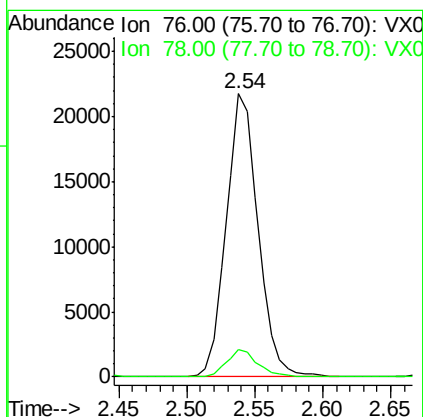
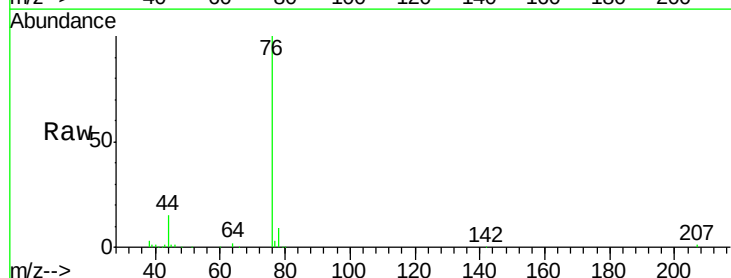
Acq: 19 Nov 2020 16:02

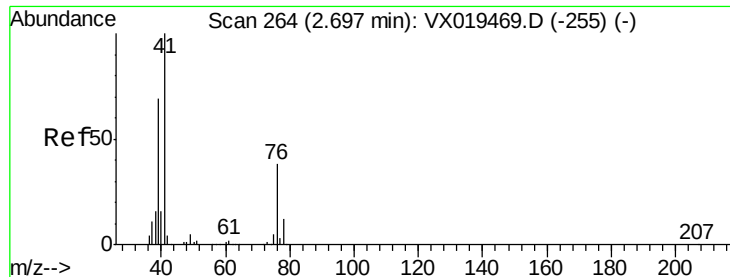
Tgt Ion: 76 Resp: 35394

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6





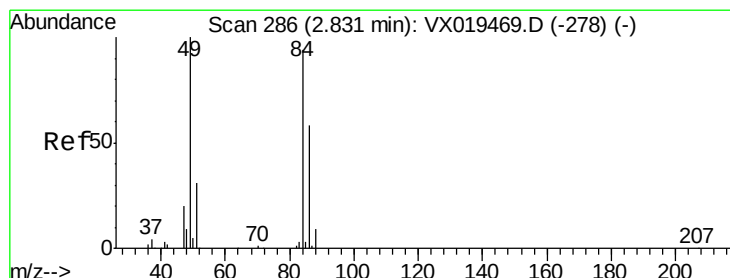
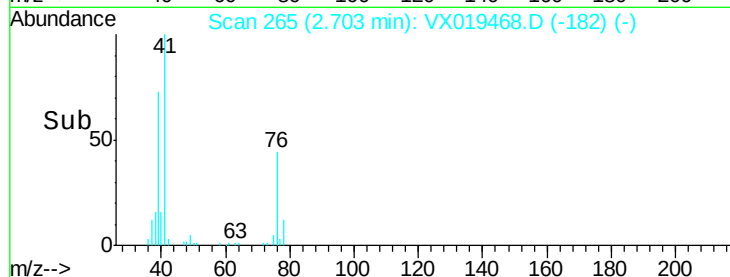
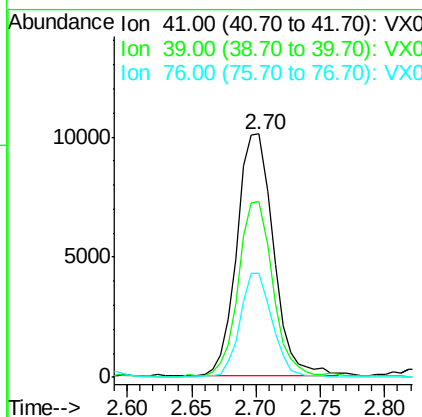
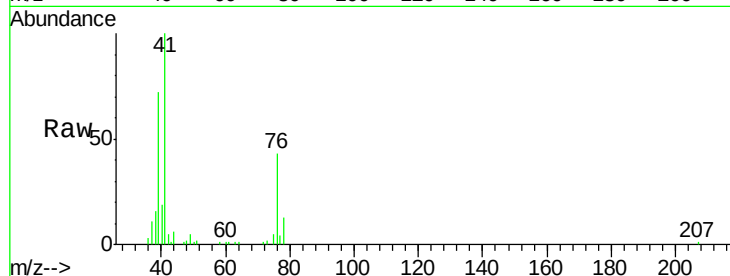
#17
Allvl chloride
Concen: 5.789 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.7	34.5	103.6
76	43.1	19.3	57.8

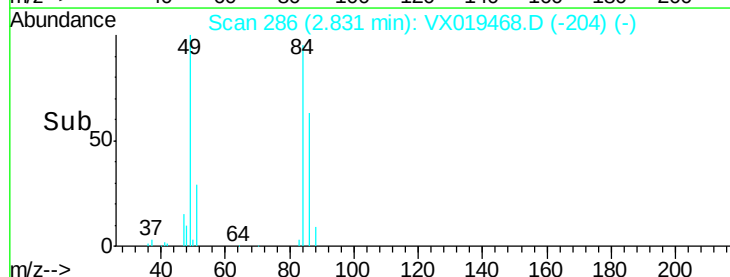
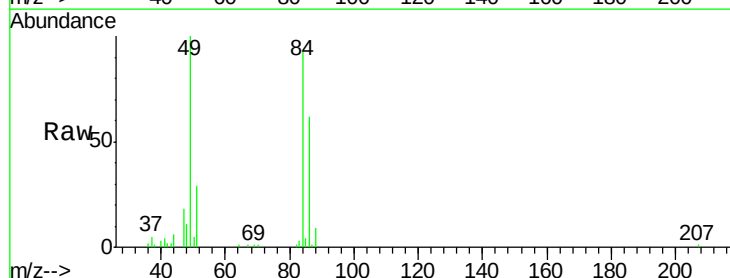
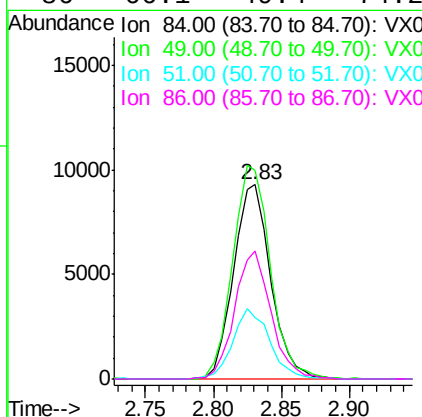
Manual Integrations
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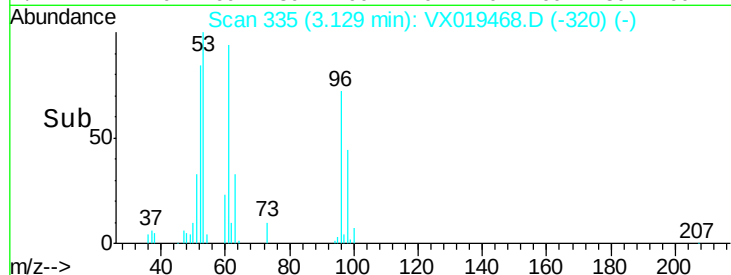
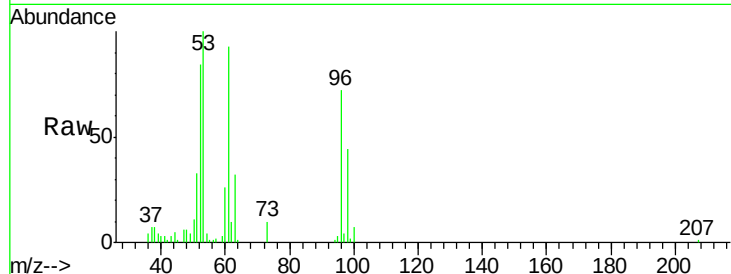
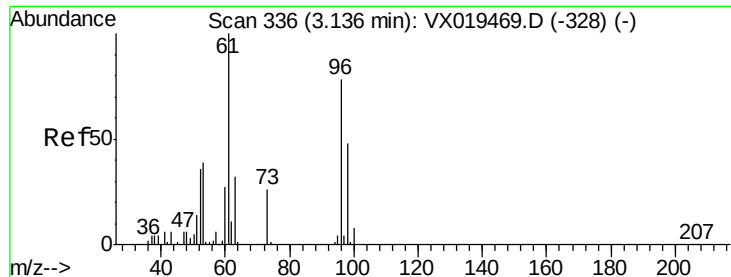
MMDadoda
11/20/2020 12:25:00 PM



#18
Methylene Chloride
Concen: 5.764 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.0	85.4	128.0
51	31.4	26.7	40.1
86	66.1	49.4	74.2





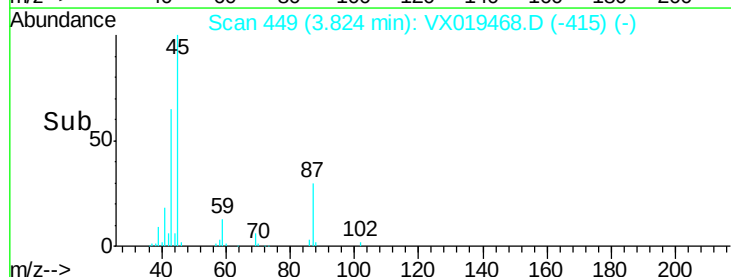
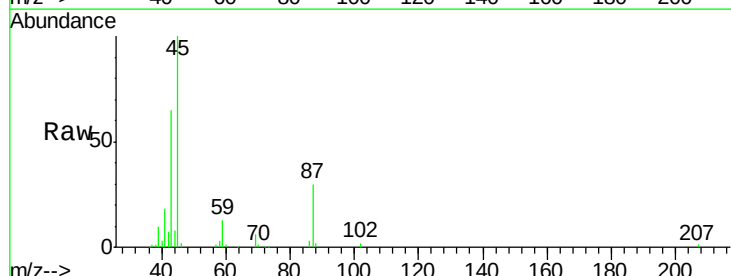
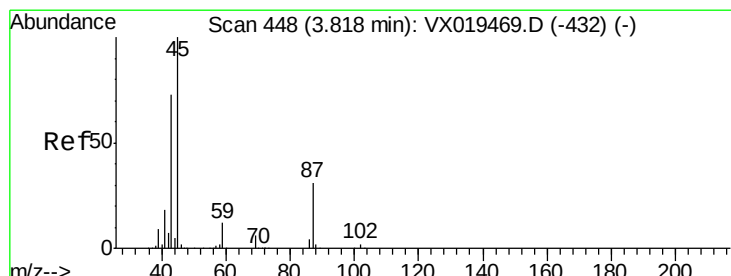
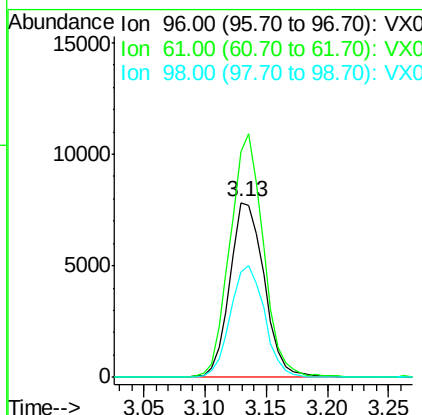
#19
trans-1,2-Dichloroethene
Concen: 4.990 ug/l
RT: 3.13 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.4	103.2	154.8
98	60.7	49.2	73.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

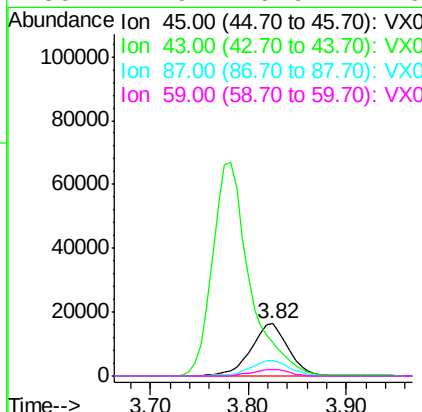
Manual Integrations
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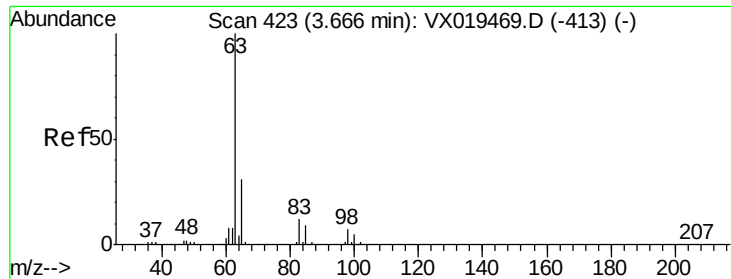
MMDadoda
11/20/2020 12:25:00 PM



#20
Diisopropyl ether
Concen: 6.158 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.5	58.7	88.1
87	30.4	24.5	36.7
59	12.9	9.9	14.9





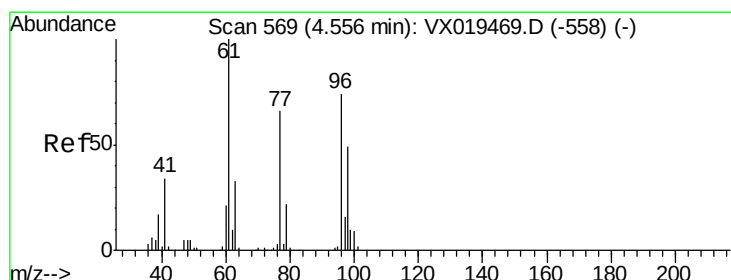
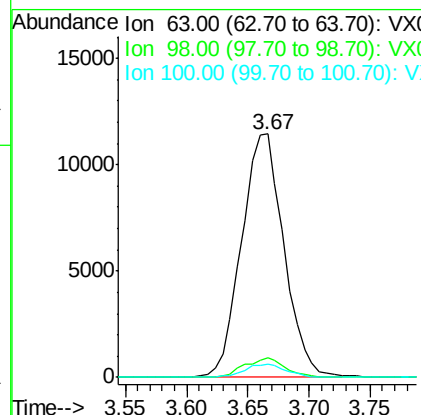
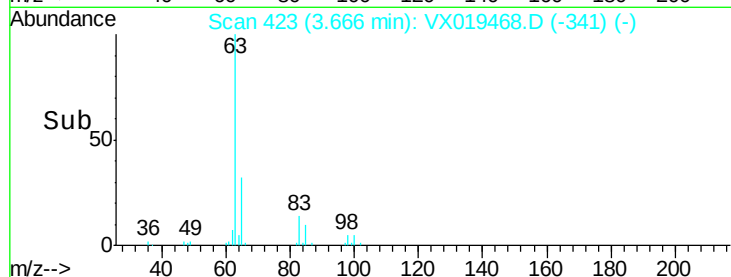
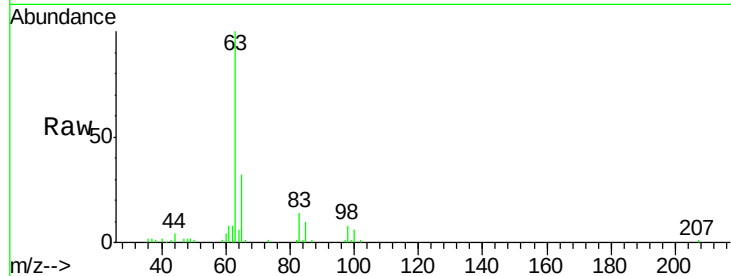
#21
 1,1-Dichloroethane
 Concen: 5.519 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
63	100	27509		
98	7.8		3.8	11.2
100	5.7		2.4	7.1

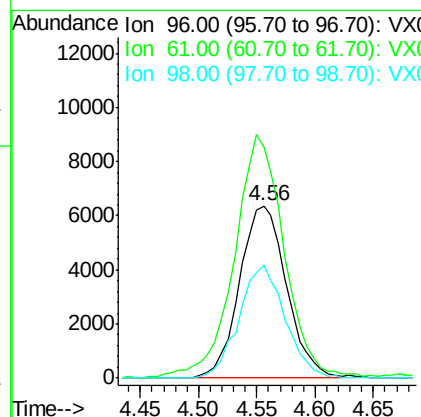
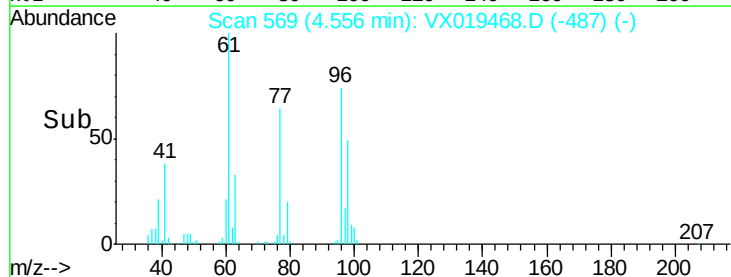
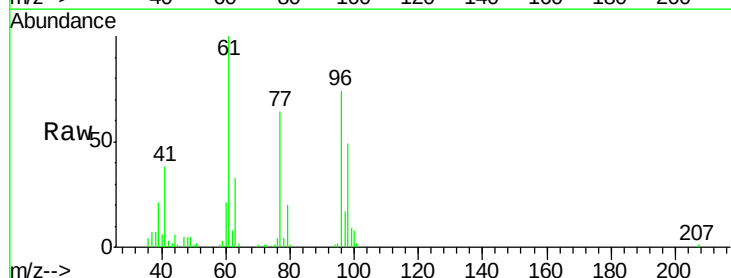
Manual Integrations
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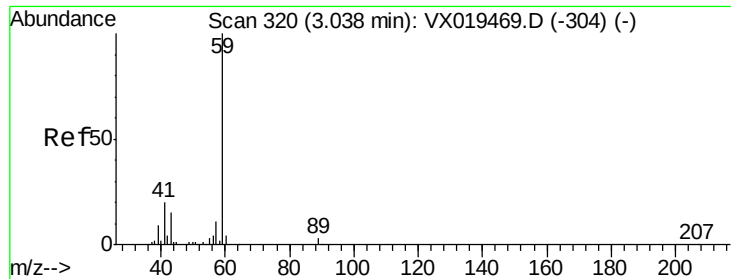
MMDadoda
 11/20/2020 12:25:00 PM



#22
 cis-1,2-Dichloroethene
 Concen: 5.024 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	17841		
61	149.3		114.2	171.2
98	64.3		51.7	77.5





#23

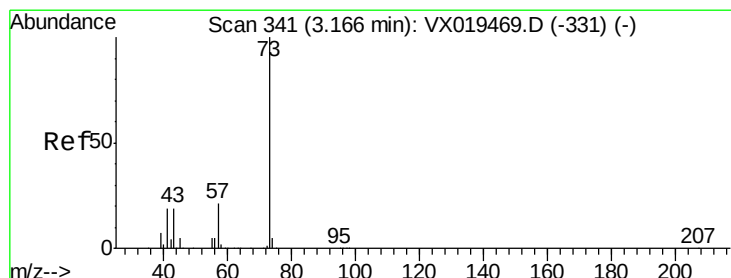
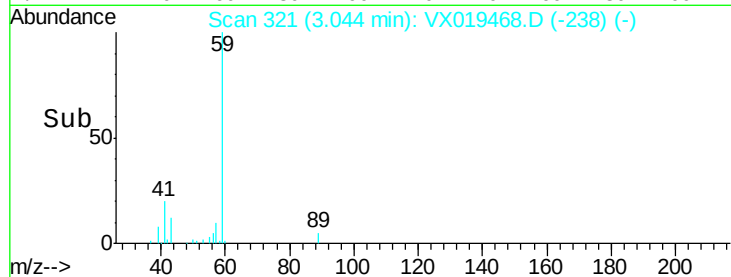
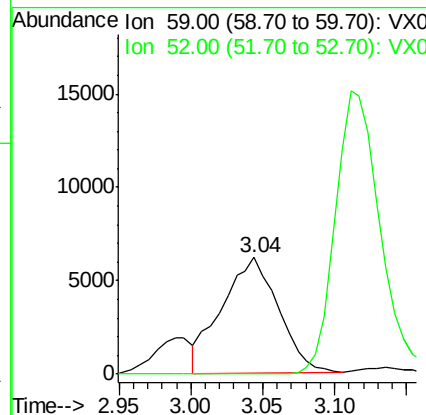
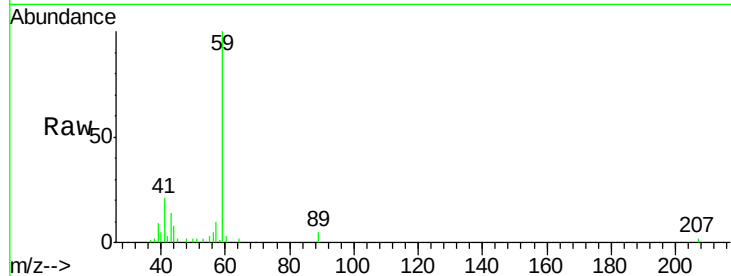
tert-Butyl Alcohol
Concen: 27.048 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	59	Ratio	Lower	Upper
16952	100			
52	0.0	0.2	0.2	

Manual Integrations
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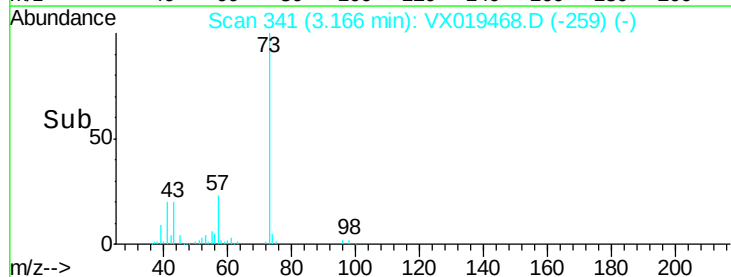
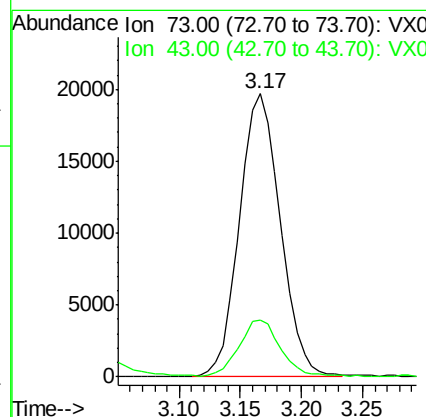
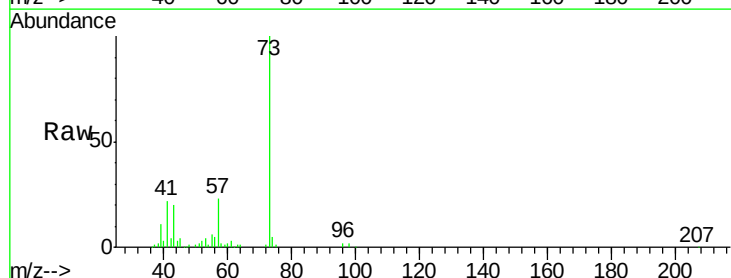
MMDadoda
11/20/2020 12:25:00 PM

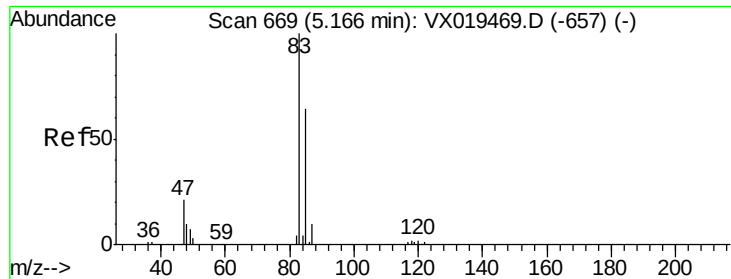


#24

Methyl tert-Butyl Ether
Concen: 5.376 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	73	Ratio	Lower	Upper
45816	100			
43	19.9	15.0	22.6	





#25

Chloroform

Concen: 5.333 ug/l

RT: 5.17 min Scan# 669

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 29187

Ion Ratio Lower Upper

83 100

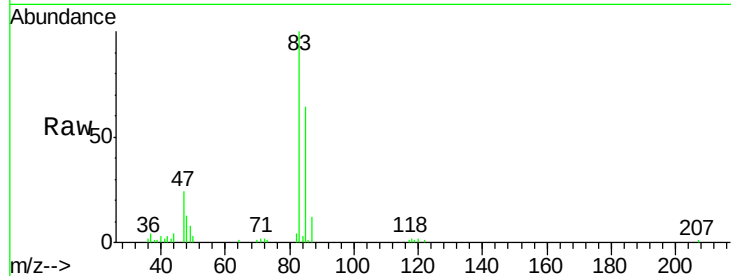
85 63.9 51.4 77.0

Manual Integrations

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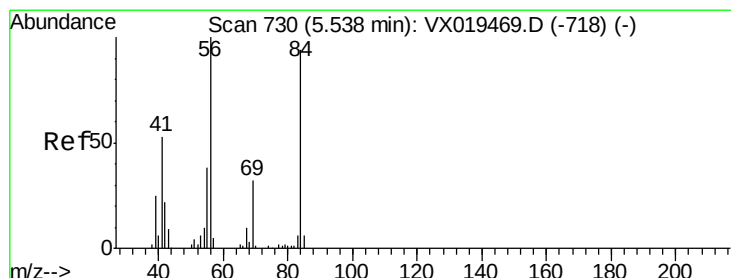
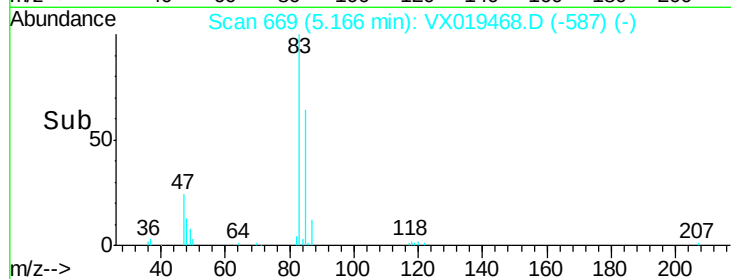
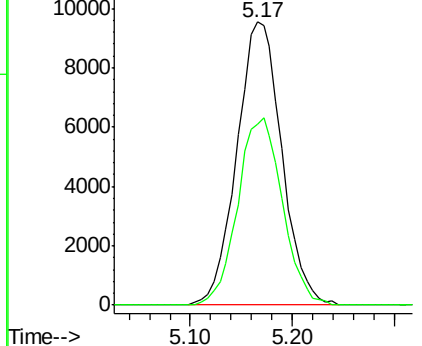
MMDadoda

11/20/2020 12:25:00 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 5.827 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

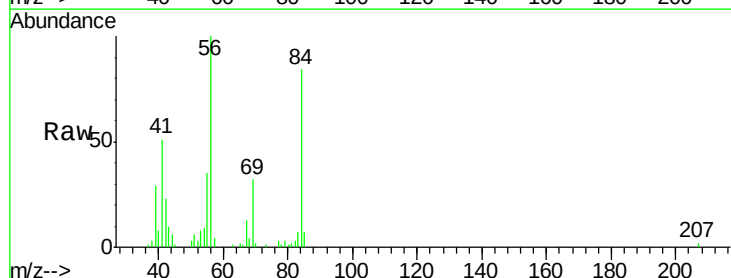
Tgt Ion: 56 Resp: 23018

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

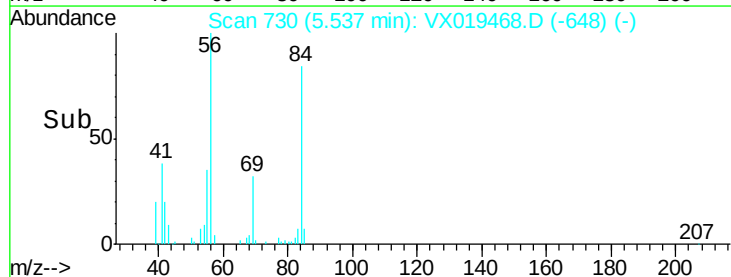
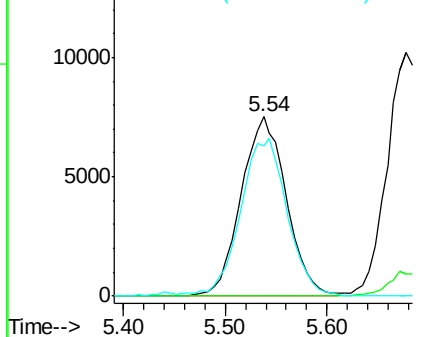
84 90.6 75.2 112.8

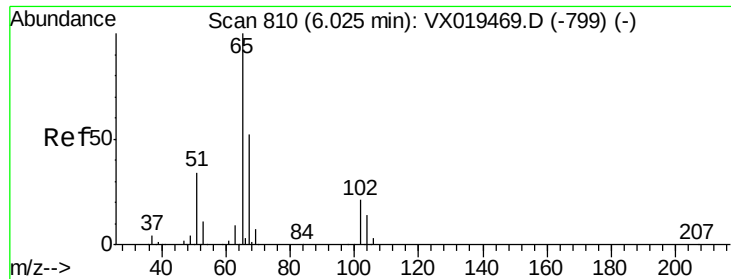


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





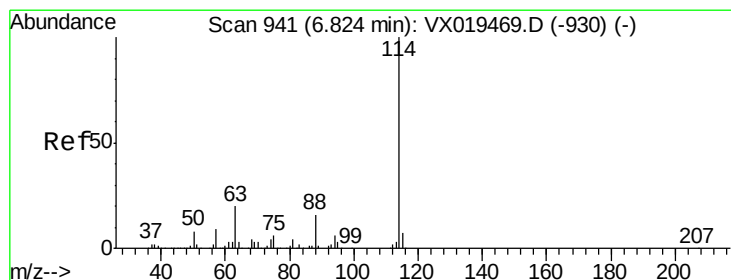
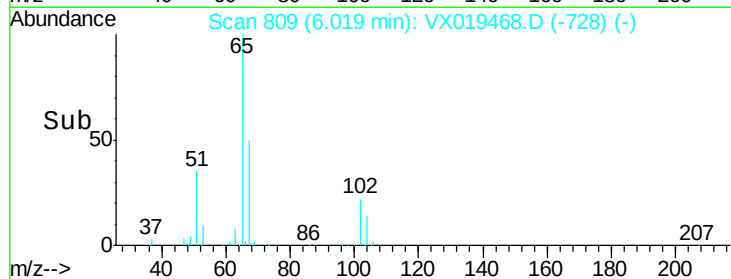
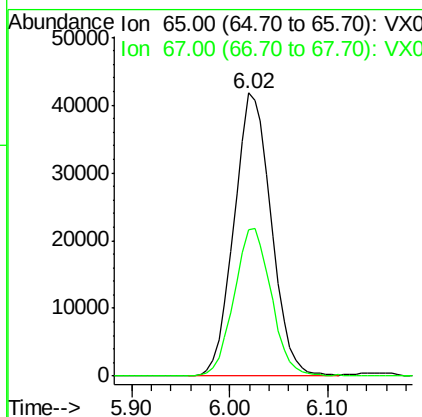
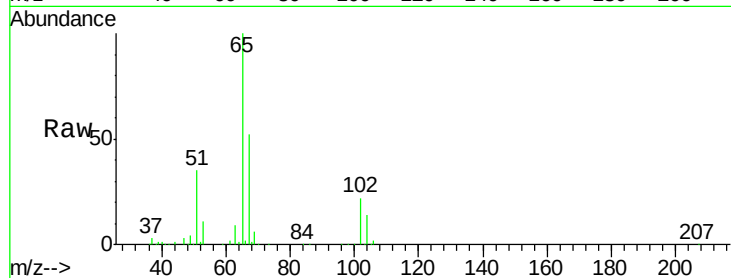
#27
 1,2-Dichloroethane-d4
 Concen: 32.339 ug/l
 RT: 6.02 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	42.2	63.2

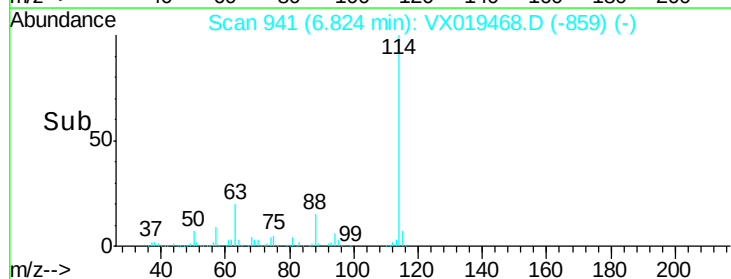
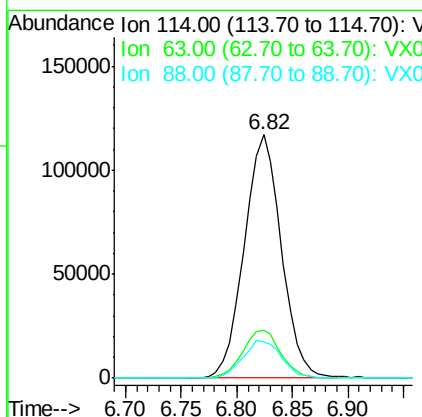
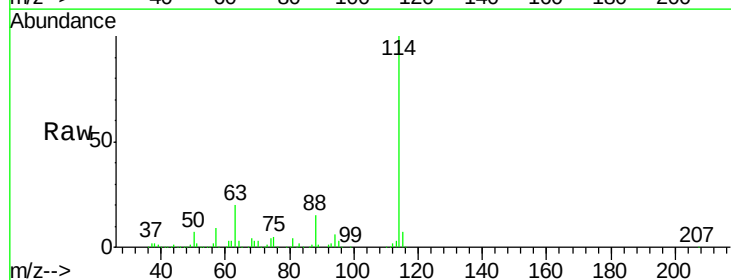
Manual Integrations
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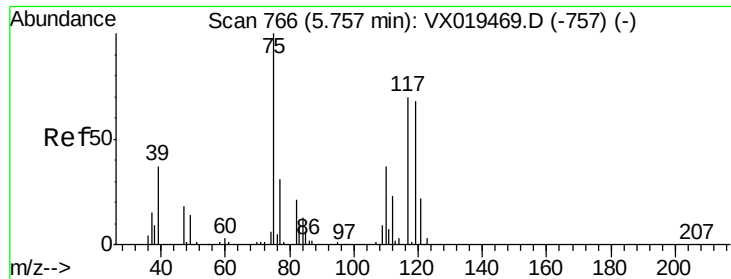
MMDadoda
 11/20/2020 12:25:00 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.2	24.2
88	16.0	12.9	19.3





#29

1,1-Dichloropropene

Concen: 5.253 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

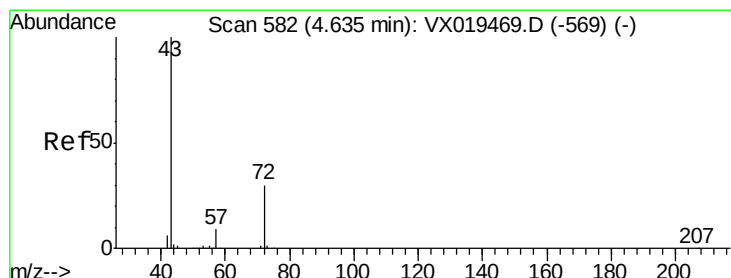
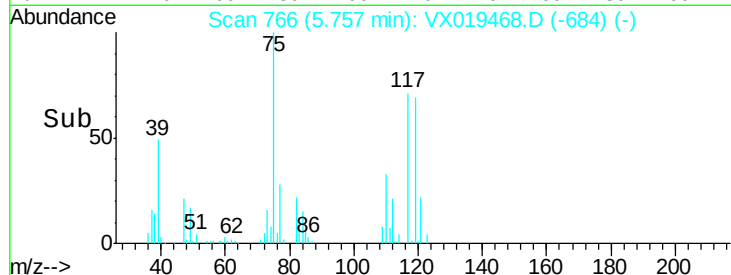
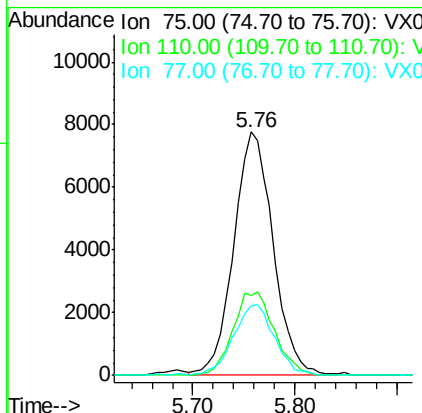
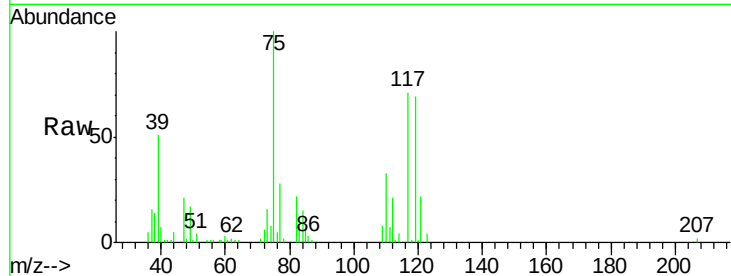
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	20864
Ion Ratio	Lower	Upper	
75	100		
110	35.8	0.0	74.0
77	30.2	0.0	63.6

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#30

2-Butanone

Concen: 31.630 ug/l

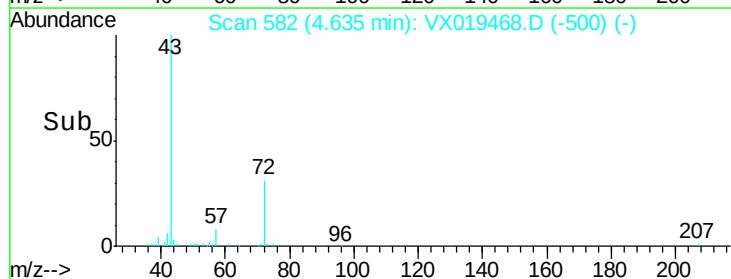
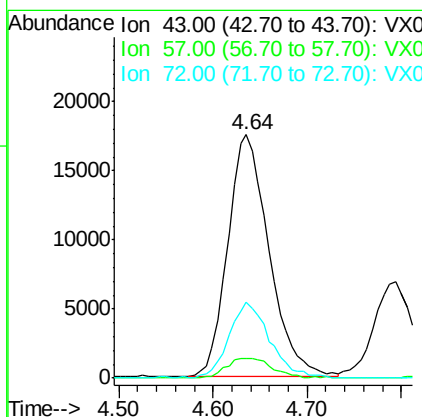
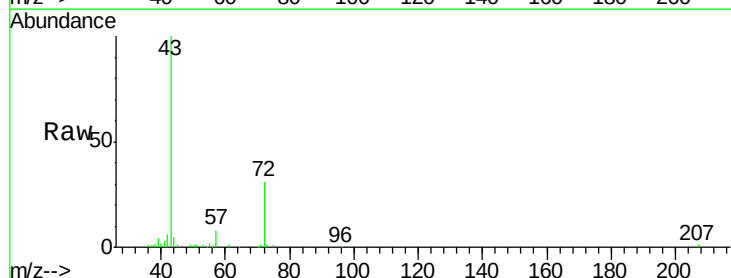
RT: 4.64 min Scan# 582

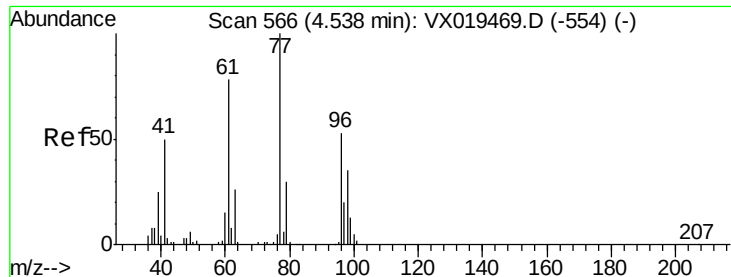
Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Tgt Ion:	43	Resp:	53312
Ion Ratio	Lower	Upper	
43	100		
57	0.0	7.4	11.0#
72	30.6	24.2	36.2





#31

2,2-Dichloropropane

Concen: 5.067 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 77 Resp: 23026

Ion Ratio Lower Upper

77 100

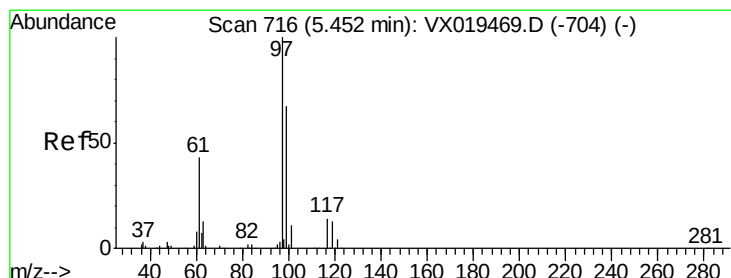
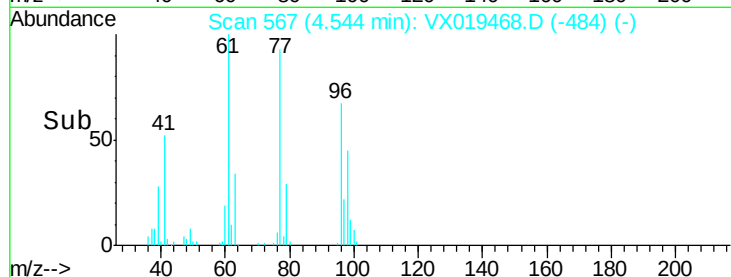
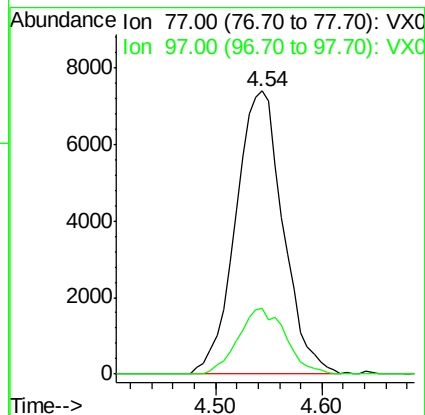
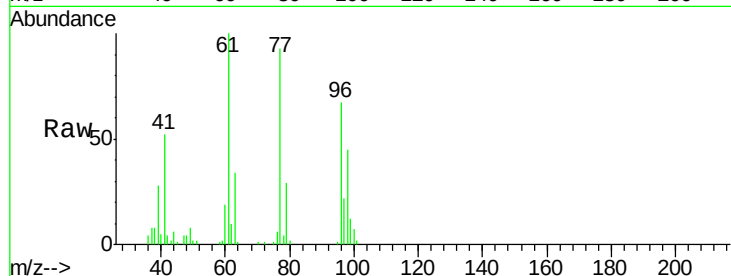
97 23.3 18.6 27.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 5.191 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

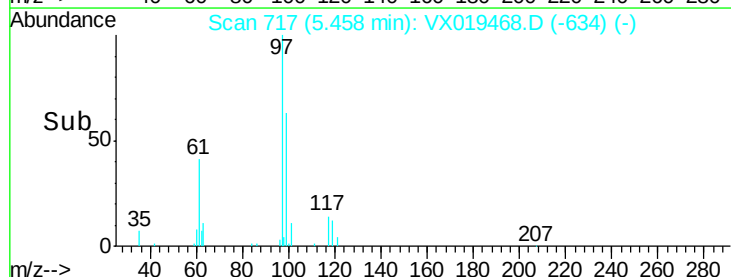
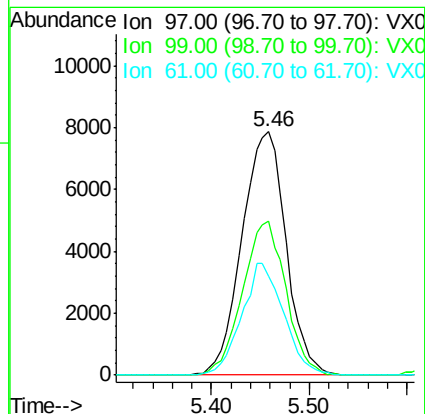
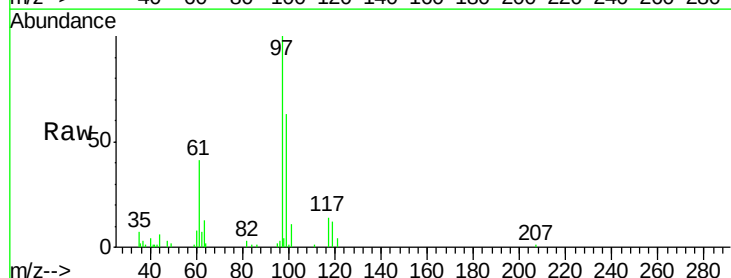
Tgt Ion: 97 Resp: 24733

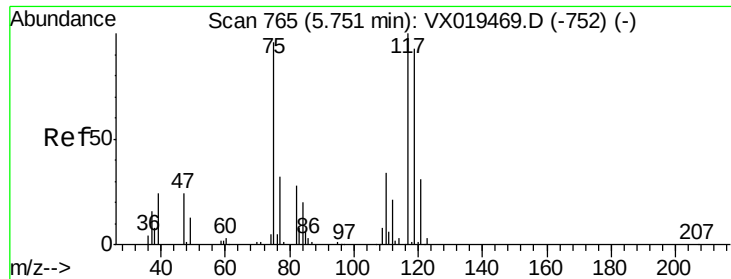
Ion Ratio Lower Upper

97 100

99 61.8 52.3 78.5

61 43.6 34.9 52.3





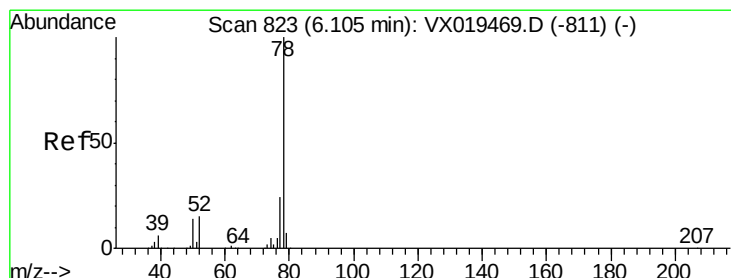
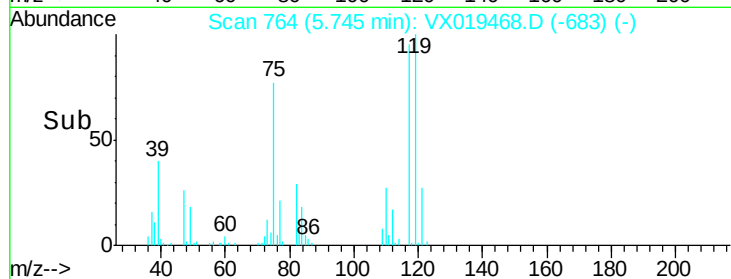
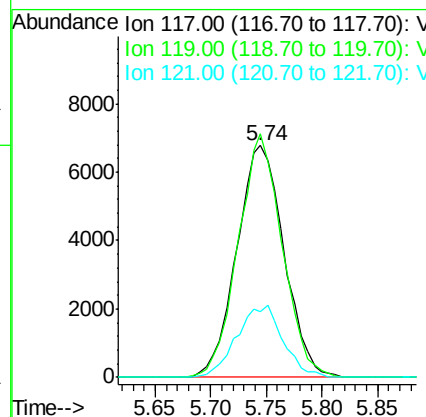
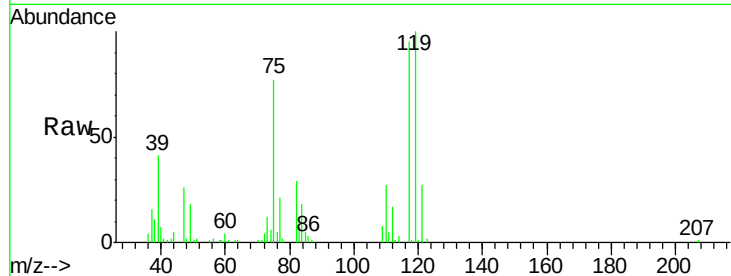
#33
Carbon Tetrachloride
Concen: 4.844 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
119	105.0	74.2	111.4
121	28.2	25.0	37.4

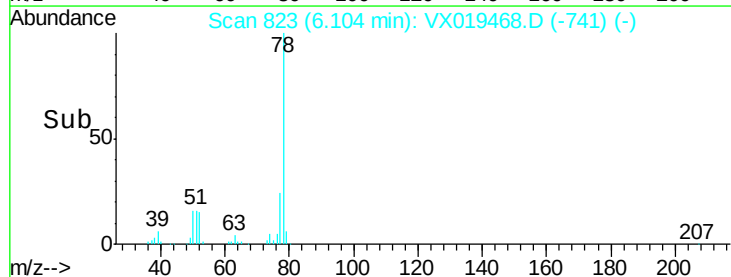
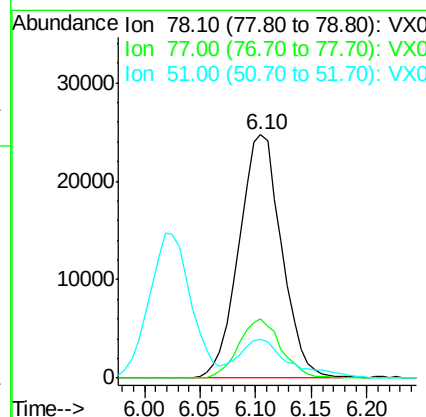
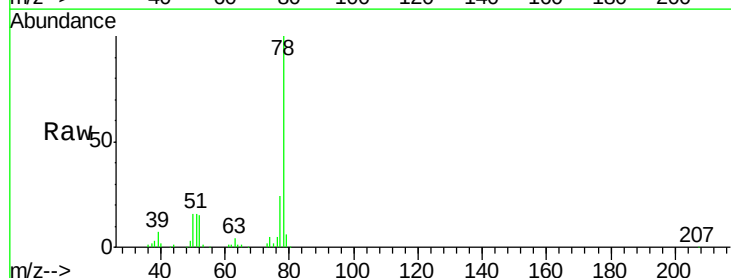
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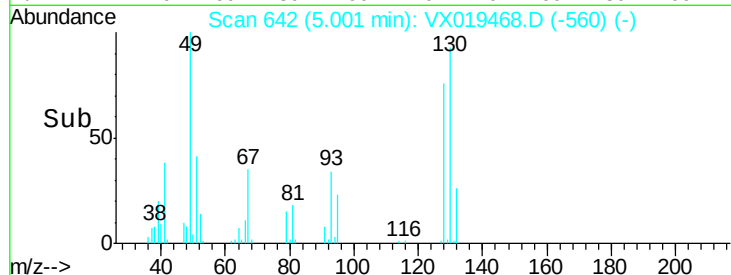
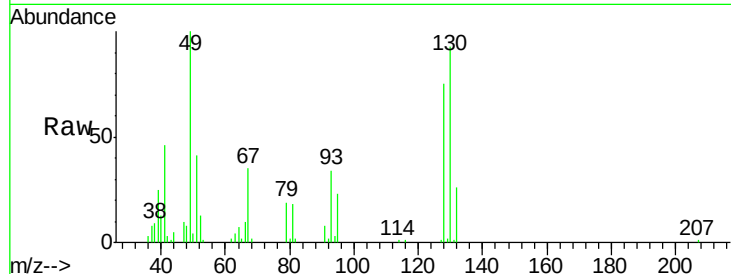
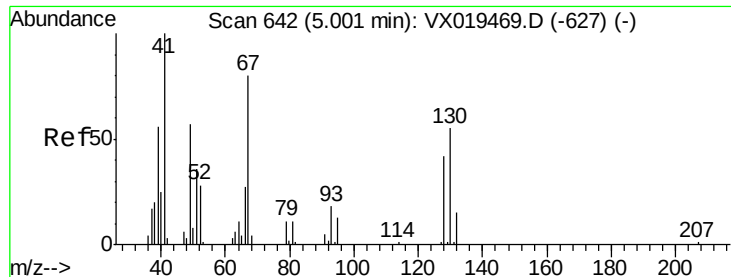
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11/20/2020 12:25:00 PM



#34
Benzene
Concen: 5.546 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6
51	14.1	12.7	19.1





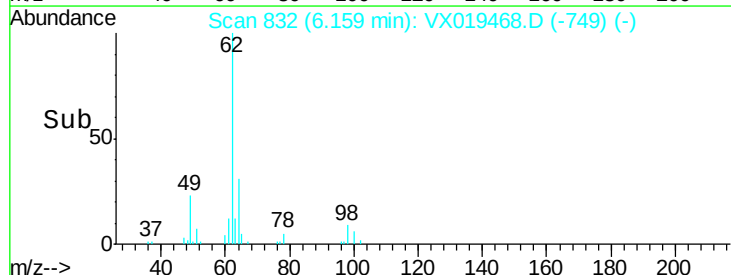
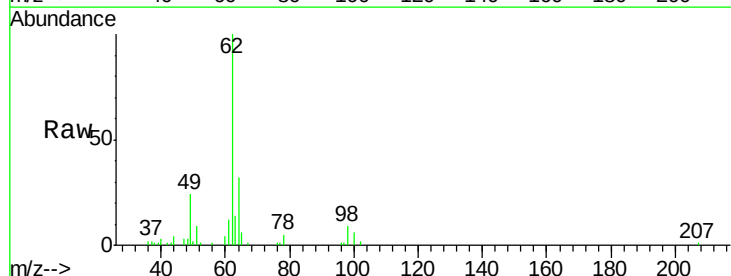
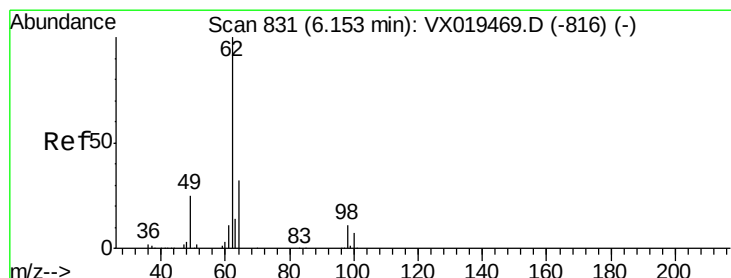
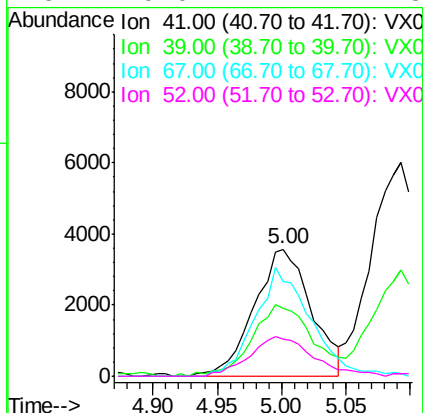
#35
Methacrylonitrile
Concen: 6.186 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tot Ion:	41	Resp:	11003
Ion Ratio	Lower	Upper	
41	100		
39	53.9	28.0	84.0
67	74.8	40.0	119.9
52	29.0	14.2	42.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

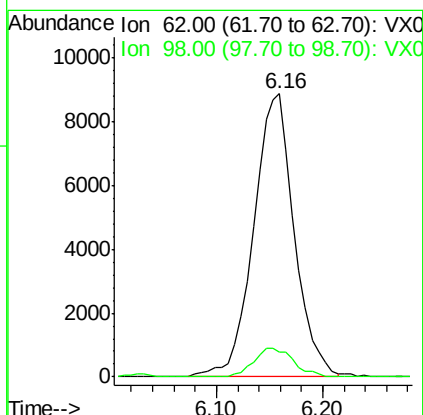
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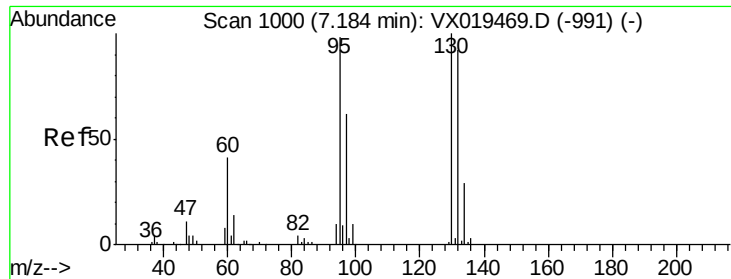
MMDadoda
11/20/2020 12:25:00 PM



#36
1,2-Dichloroethane
Concen: 5.772 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion:	62	Resp:	23612
Ion Ratio	Lower	Upper	
62	100		
98	10.0	8.1	12.1





#37

Trichloroethene

Concen: 5.230 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:130 Resp: 17604

Ion Ratio Lower Upper

130 100

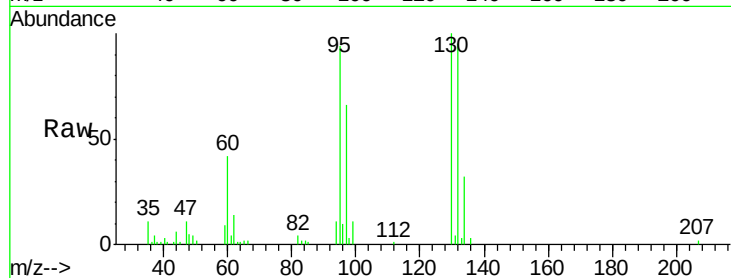
95 94.4 78.8 118.2

Manual Integrations

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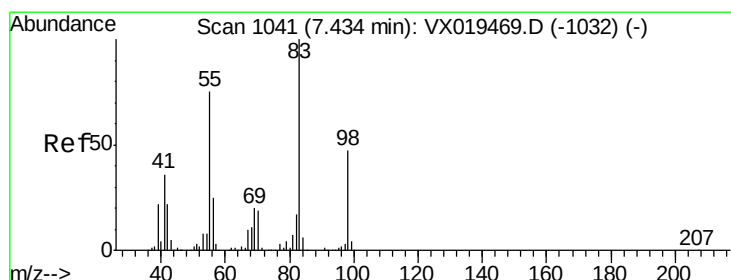
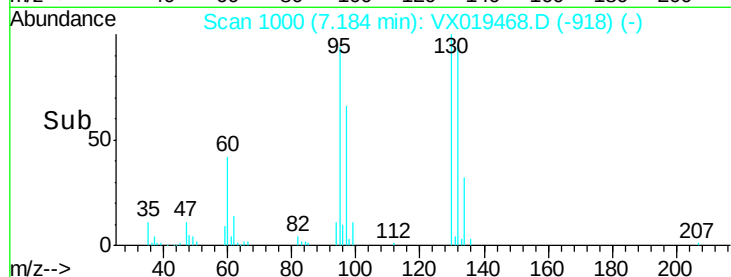
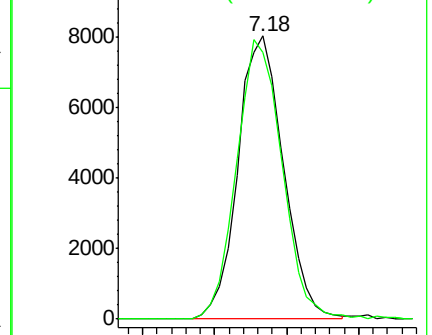
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 5.392 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

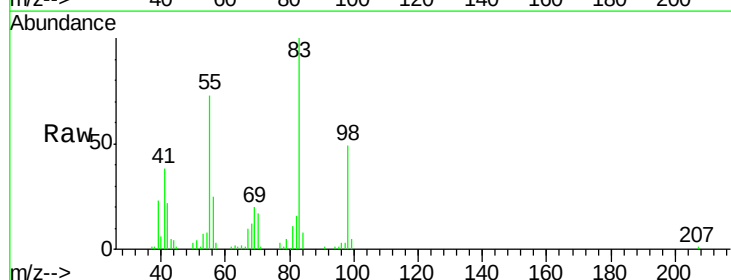
Tgt Ion: 83 Resp: 24419

Ion Ratio Lower Upper

83 100

55 75.3 37.7 113.1

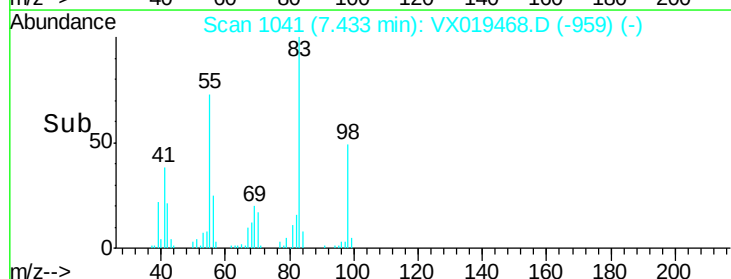
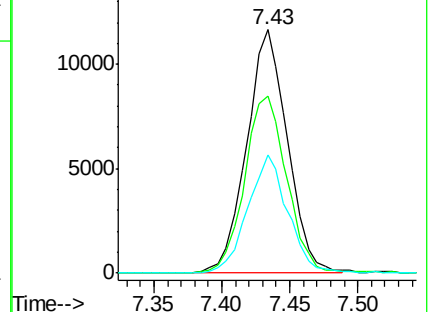
98 47.8 24.7 74.1

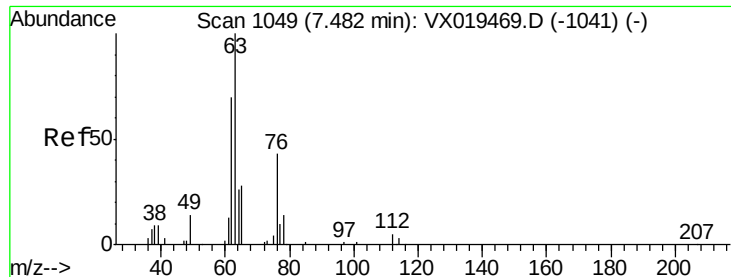


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 5.611 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 15790

Ion Ratio Lower Upper

63 100

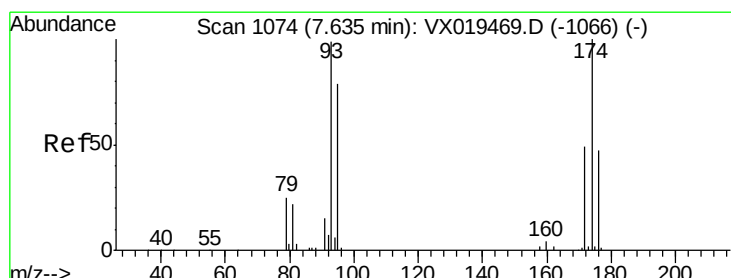
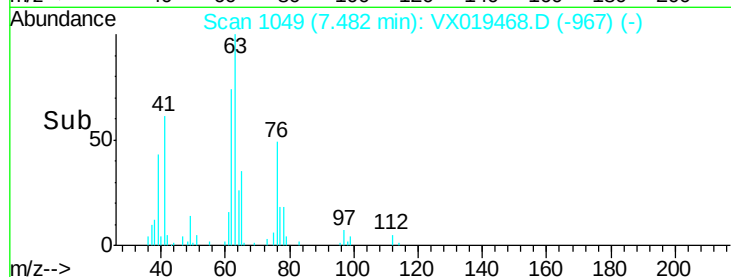
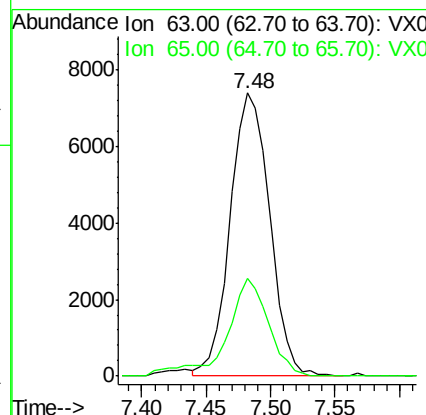
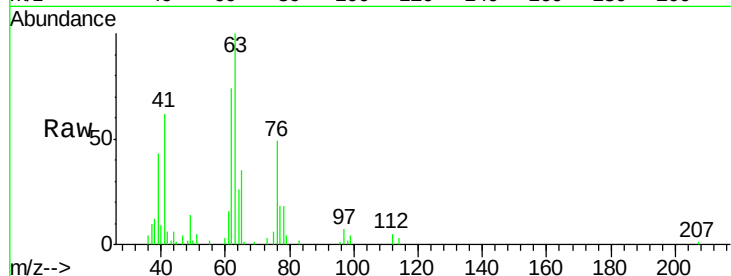
65 34.7 24.8 37.2

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#40

Dibromomethane

Concen: 5.147 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

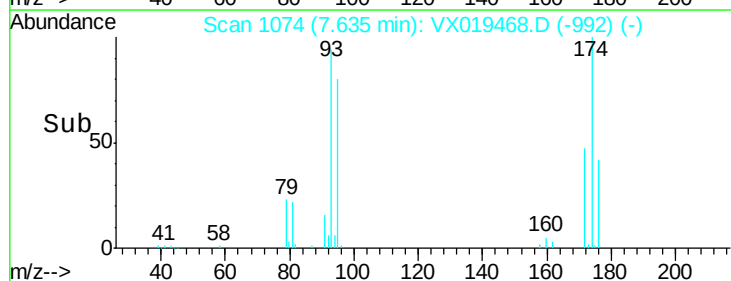
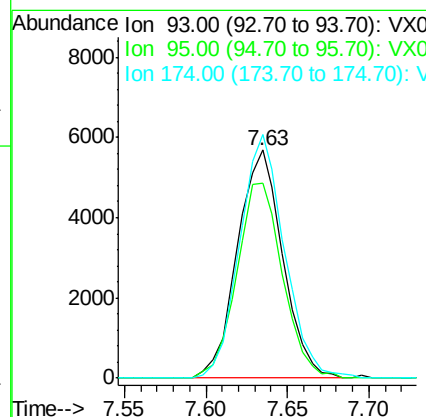
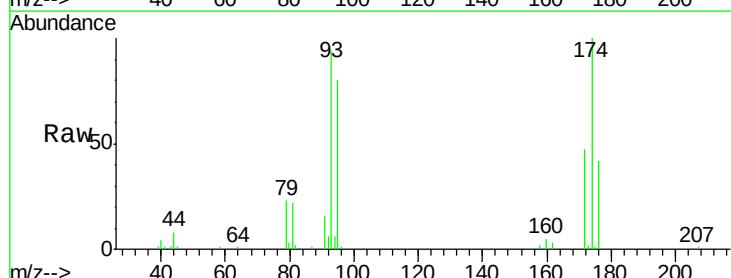
Tgt Ion: 93 Resp: 10992

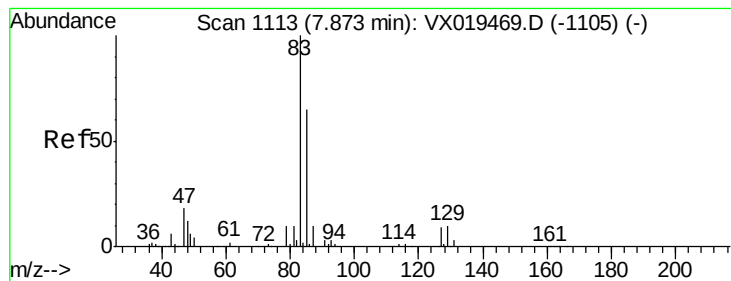
Ion Ratio Lower Upper

93 100

95 86.3 0.0 162.4

174 105.7 0.0 198.8





#41

Bromodichloromethane

Concen: 4.977 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

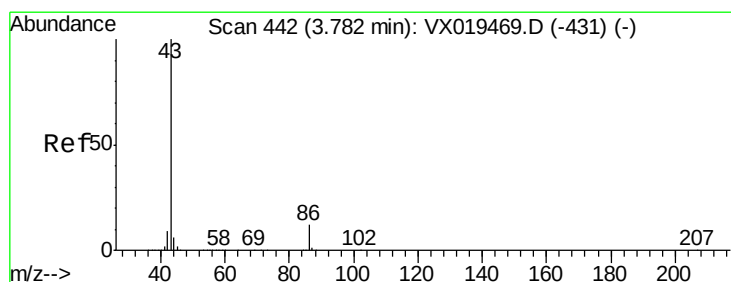
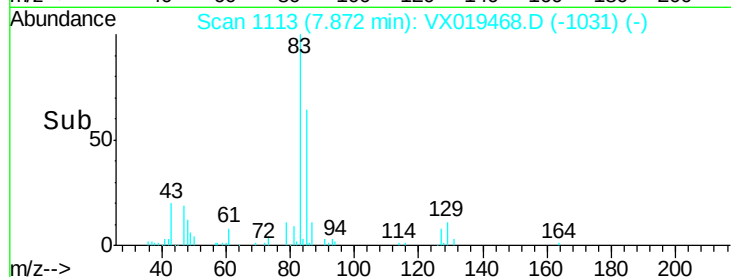
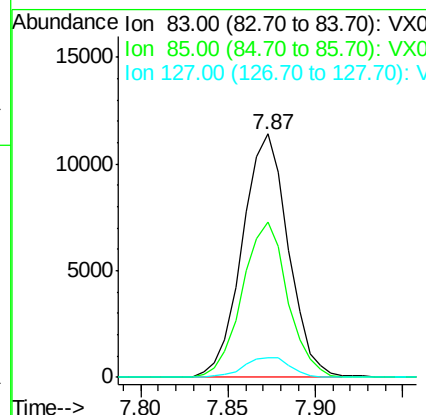
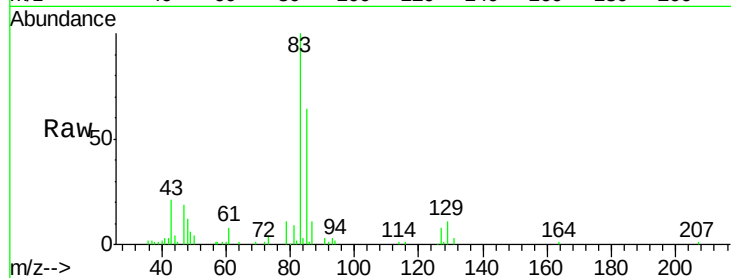
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	20849
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.7	77.5
127	8.2	7.0	10.6

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#42

Vinyl Acetate

Concen: 27.684 ug/l

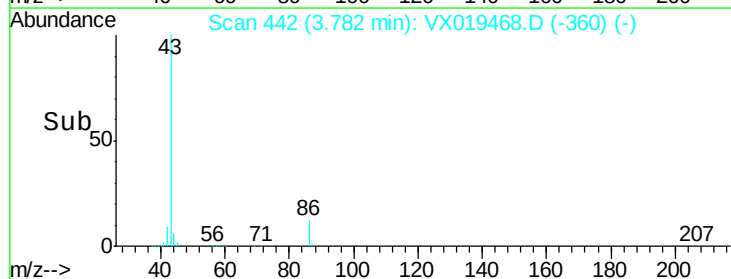
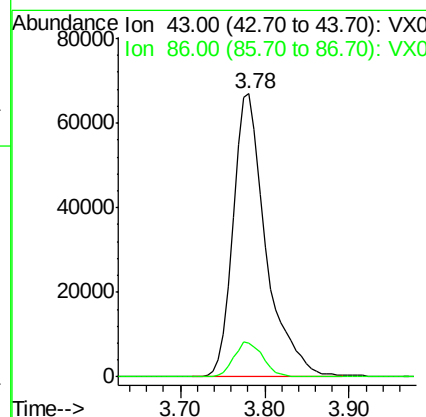
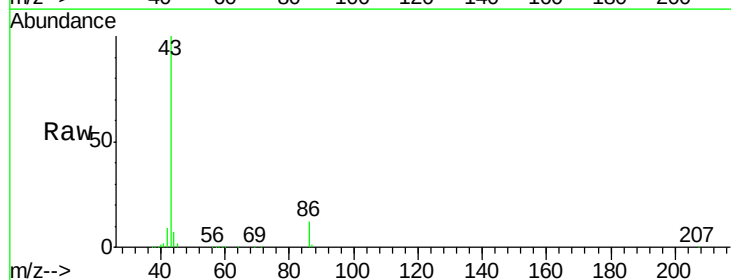
RT: 3.78 min Scan# 442

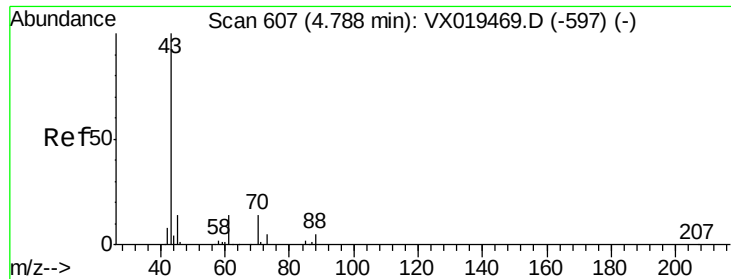
Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Tgt Ion:	43	Resp:	176370
Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.8	13.2





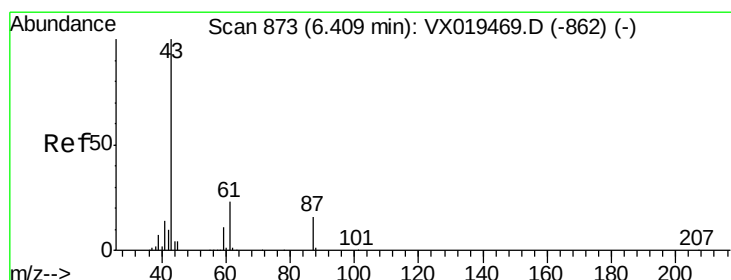
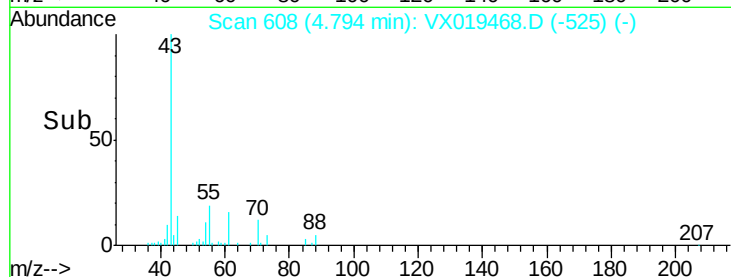
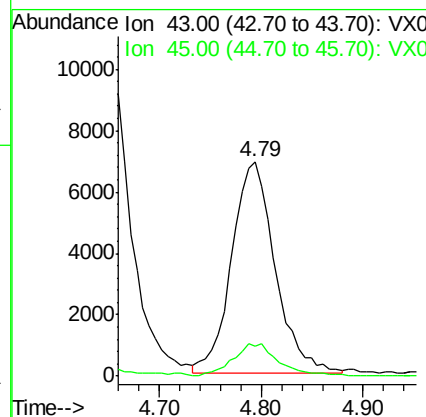
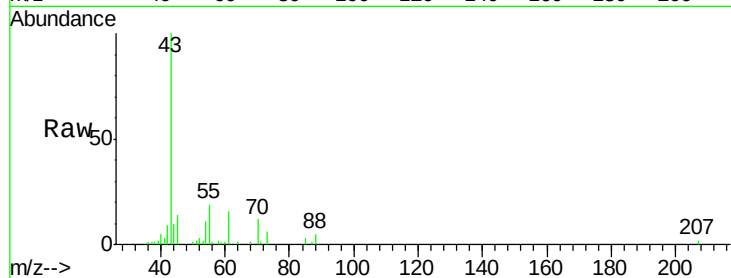
#43
Ethyl Acetate
Concen: 5.917 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	43	Ratio	Lower	Upper
20338	100			
45	16.3	12.9	19.3	

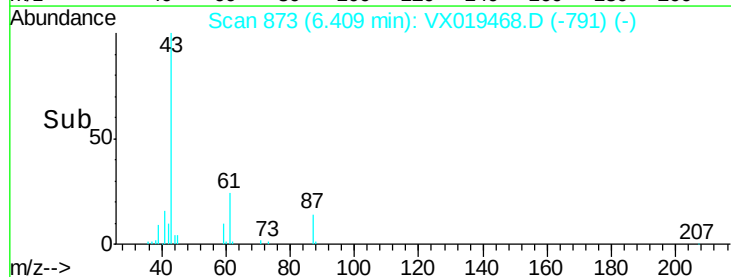
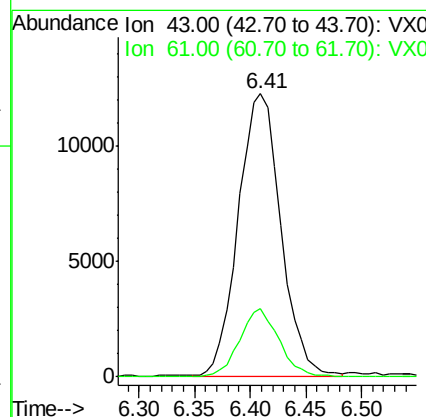
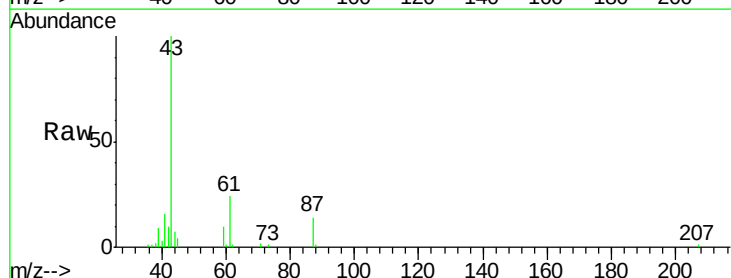
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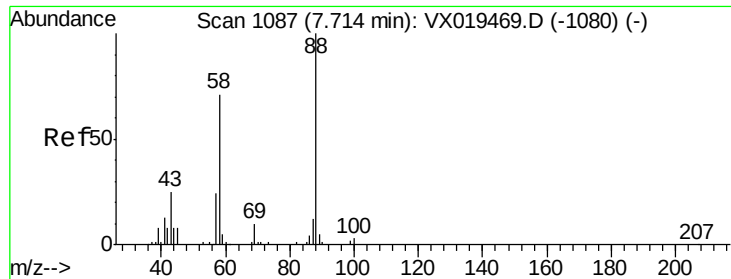
MMDadoda
11/20/2020 12:25:00 PM



#44
Isopropyl Acetate
Concen: 5.683 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	43	Ratio	Lower	Upper
32546	100			
61	22.2	18.1	27.1	





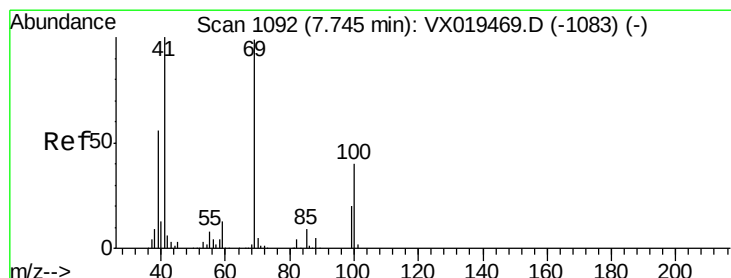
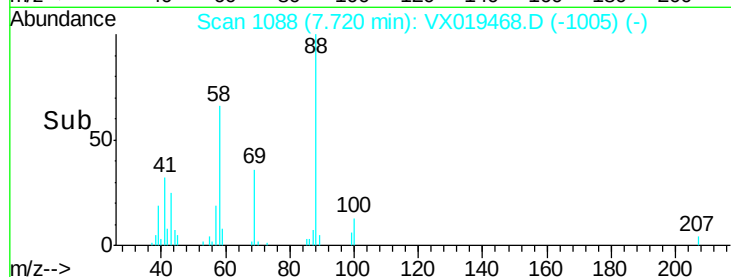
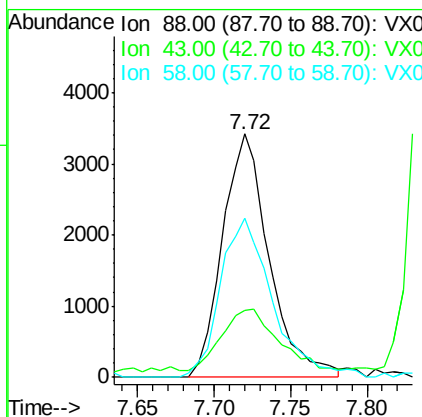
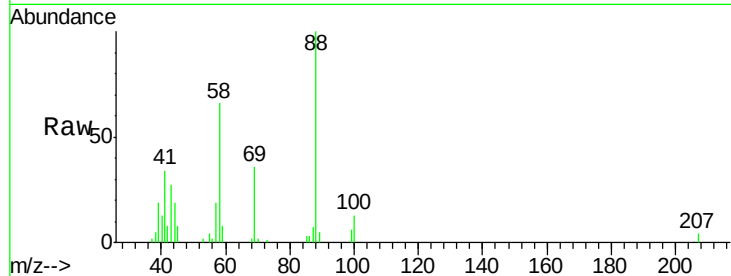
#45
 1,4-Dioxane
 Concen: 118.769 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	24.2	36.4
58	72.2	56.6	84.8

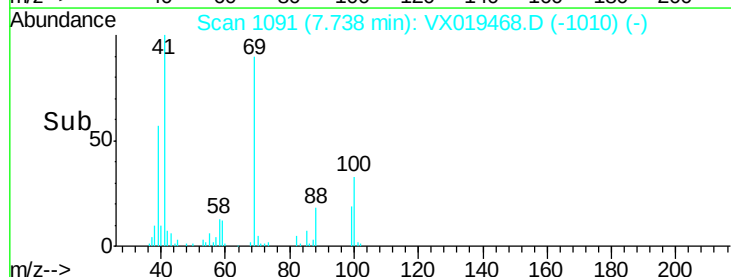
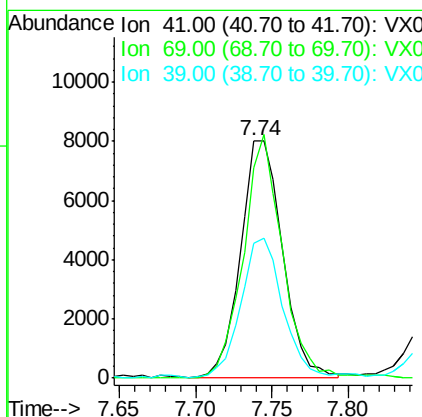
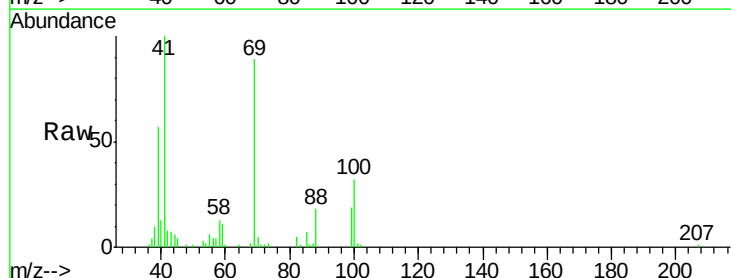
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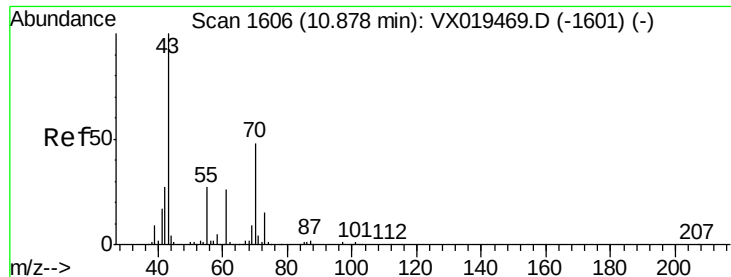
MMDadoda
 11/20/2020 12:25:00 PM



#46
 Methyl methacrylate
 Concen: 5.663 ug/l
 RT: 7.74 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.7	49.7	149.1
39	56.6	28.1	84.4





#47

n-amvl Acetate

Concen: 5.092 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 23492

Ion Ratio Lower Upper

43 100

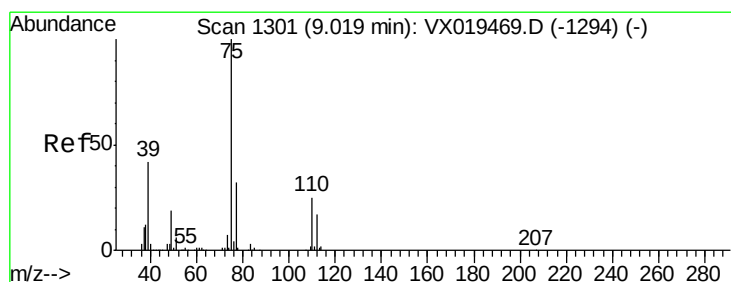
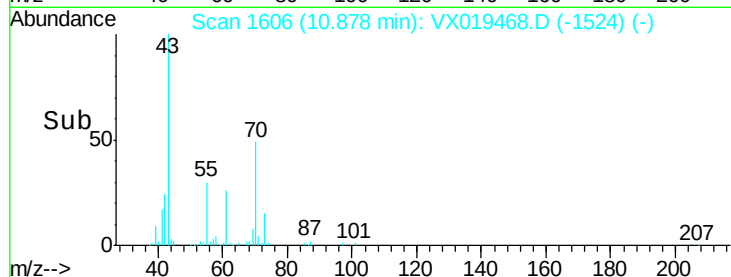
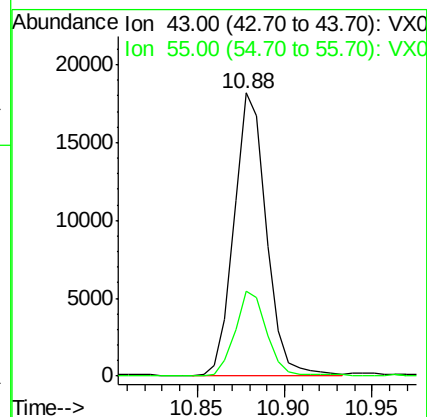
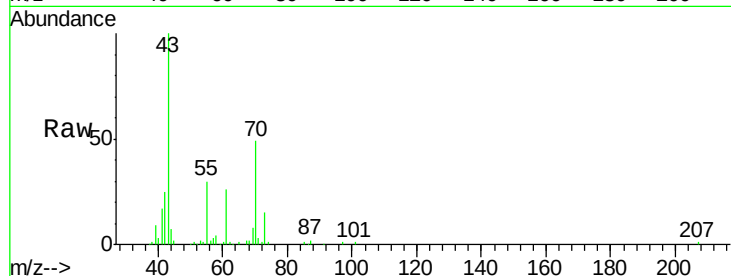
55 29.1 22.8 34.2

Manual Integrations

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11/20/2020 12:25:00 PM



#48

t-1,3-Dichloropropene

Concen: 4.627 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019468.D

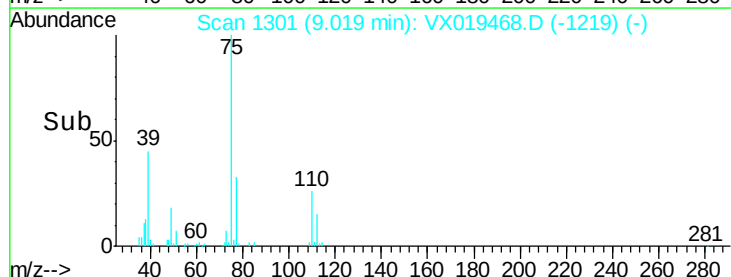
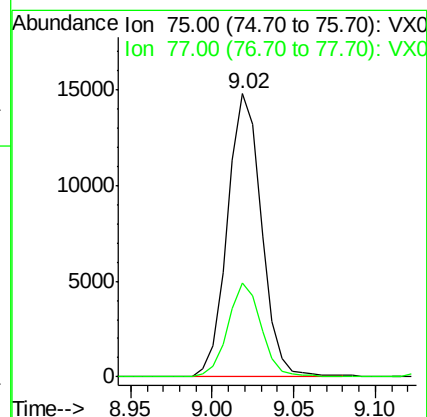
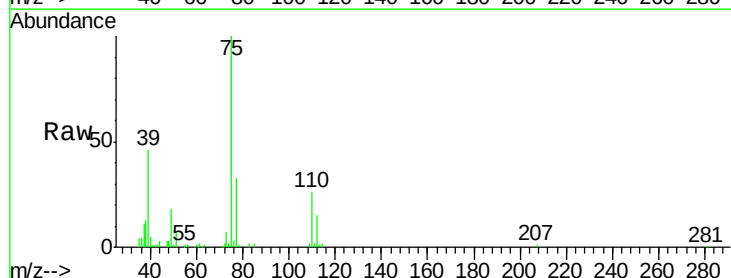
Acq: 19 Nov 2020 16:02

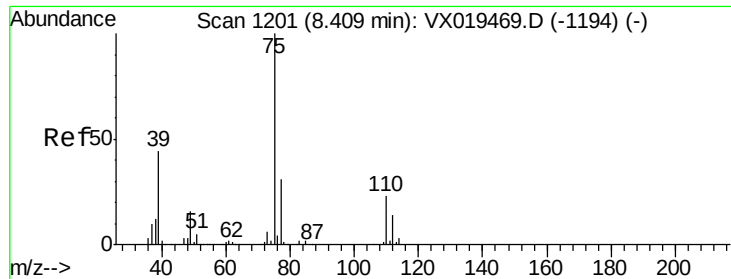
Tgt Ion: 75 Resp: 21551

Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.2





#49

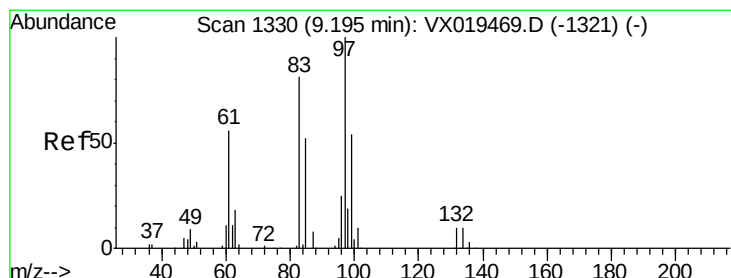
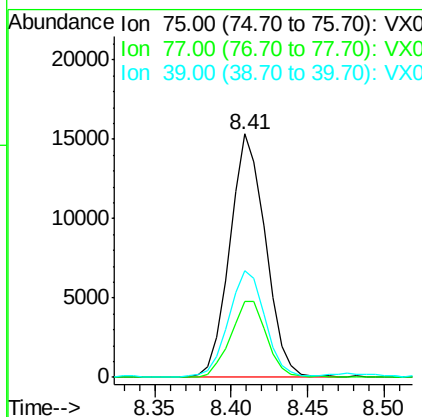
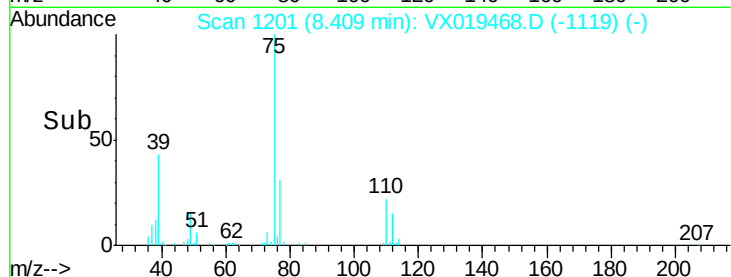
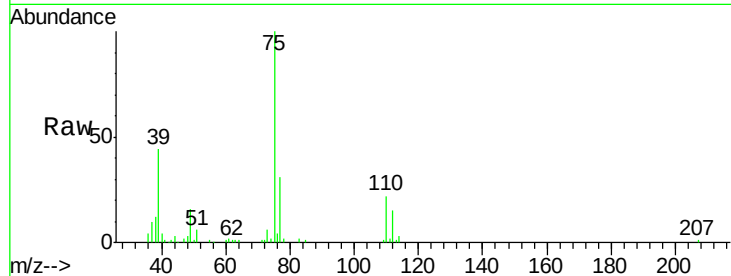
cis-1,3-Dichloropropene
Concen: 4.969 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.7	37.1
39	43.2	35.3	52.9

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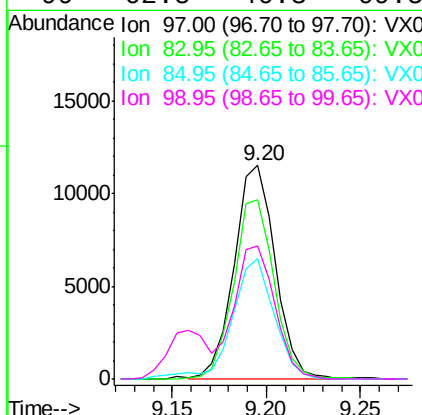
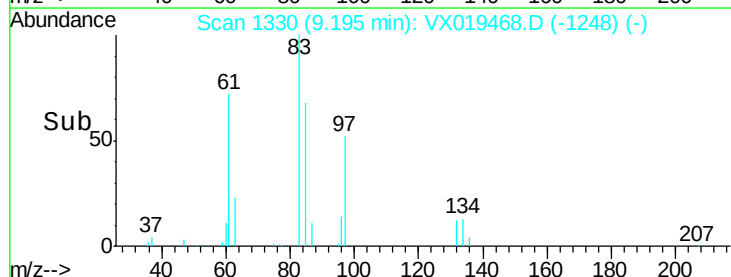
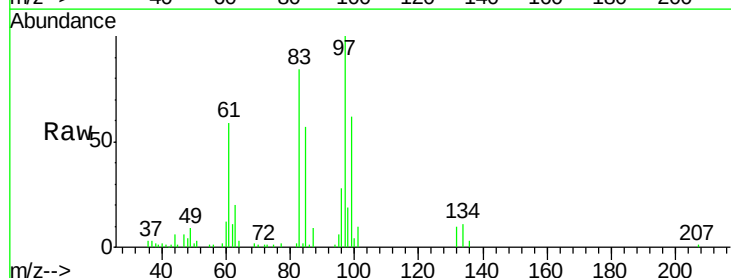
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11/20/2020 12:25:00 PM

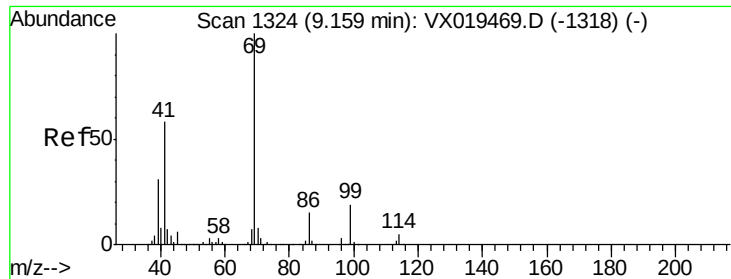


#50

1,1,2-Trichloroethane
Concen: 5.558 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	64.8	97.2
85	56.5	41.8	62.8
99	62.5	46.3	69.5





#51

Ethyl methacrylate

Concen: 4.891 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

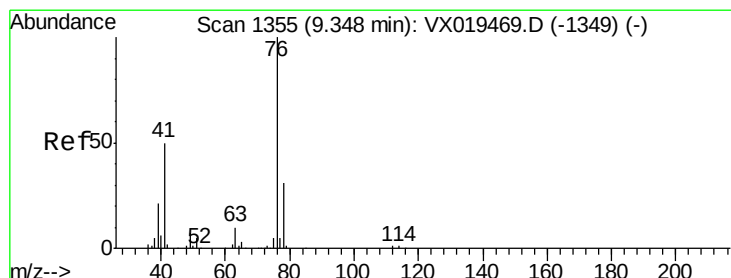
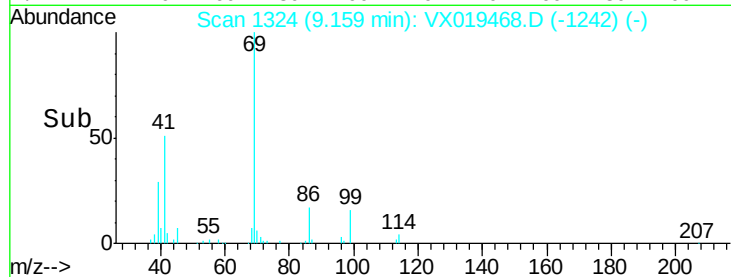
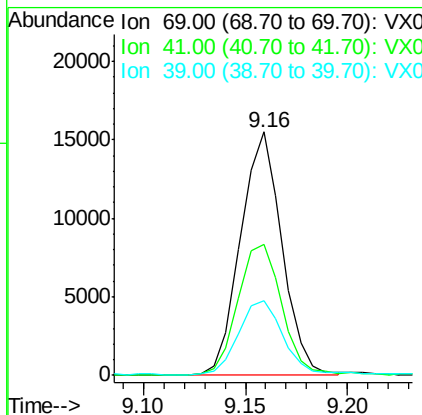
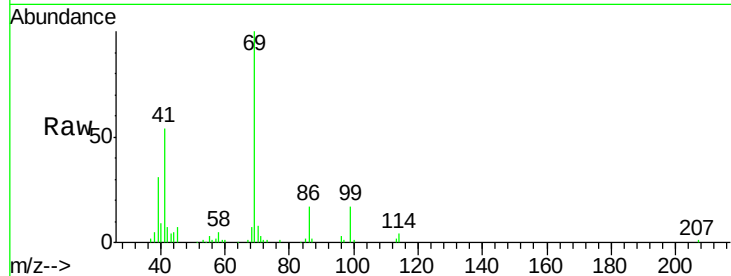
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	21922
Ion	Ratio	Lower	Upper
69	100		
41	53.6	29.0	87.1
39	30.7	15.4	46.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 5.644 ug/l

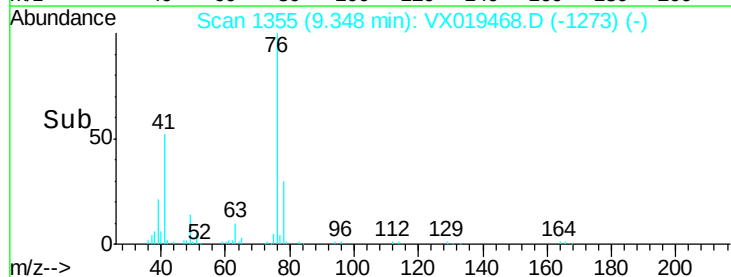
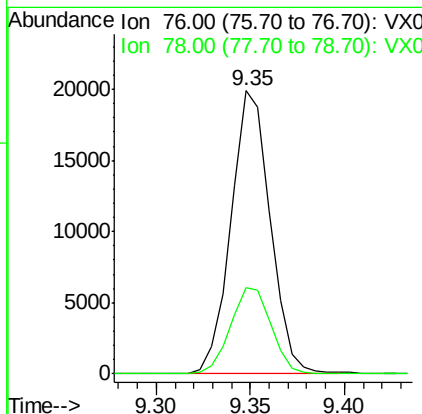
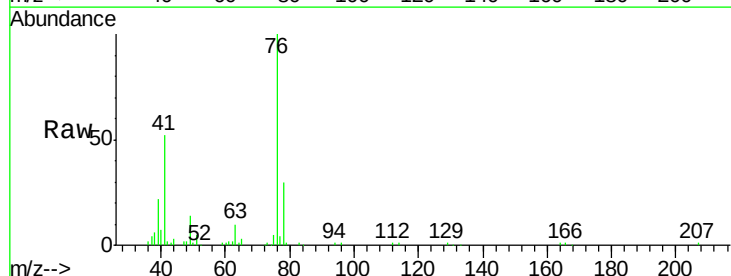
RT: 9.35 min Scan# 1355

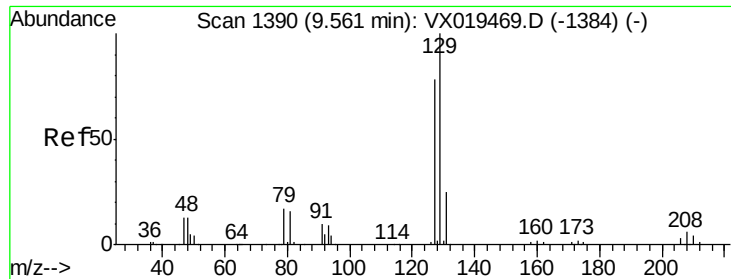
Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Tgt Ion:	76	Resp:	28735
Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	63.4





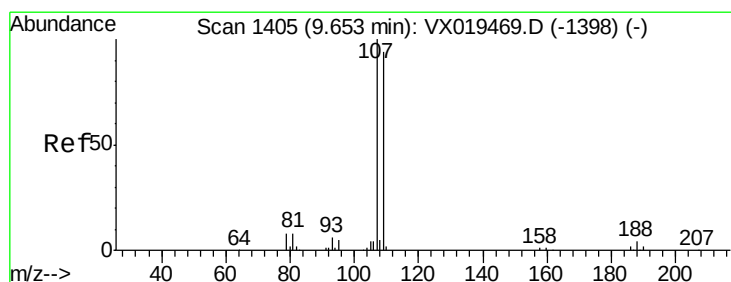
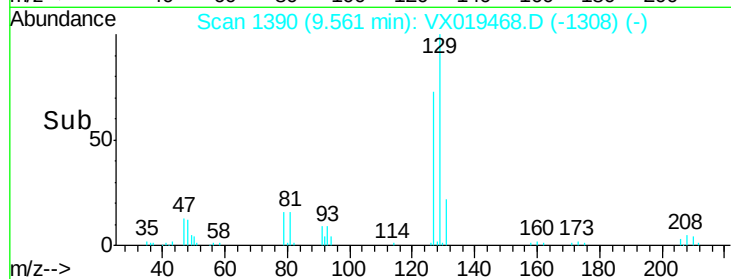
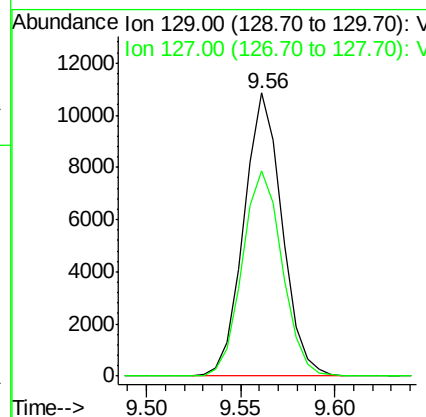
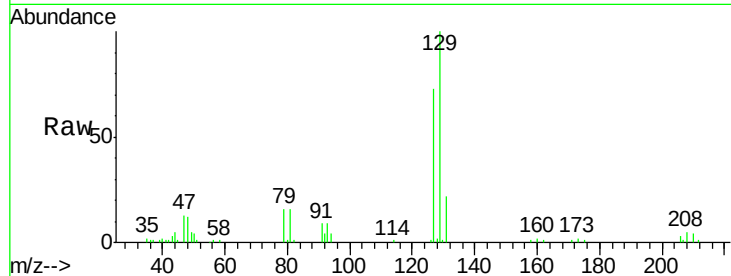
#53
 Dibromochloromethane
 Concen: 4.499 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:129 Resp: 15292
 Ion Ratio Lower Upper
 129 100
 127 75.2 38.0 114.1

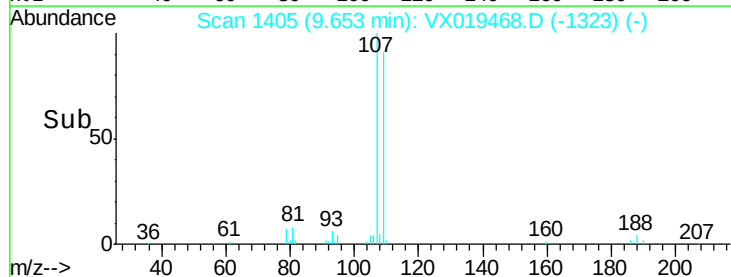
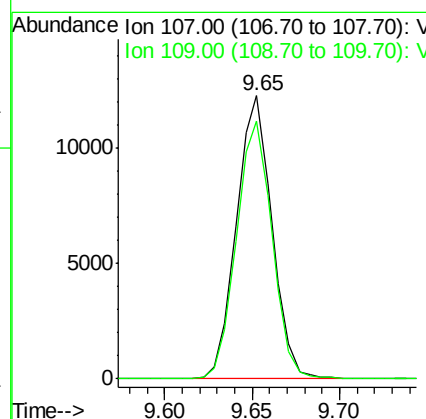
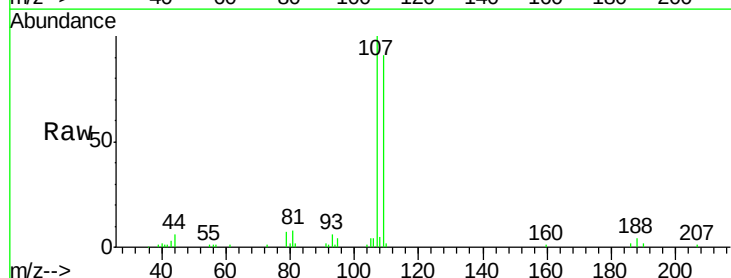
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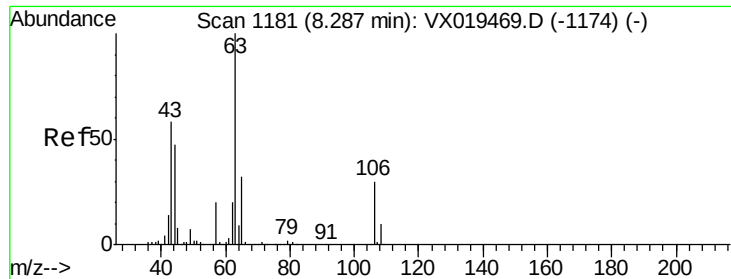
MMDadoda
 11/20/2020 12:25:00 PM



#54
 1,2-Dibromoethane
 Concen: 5.157 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion:107 Resp: 17292
 Ion Ratio Lower Upper
 107 100
 109 91.3 74.2 111.4





#55

2-Chloroethyl vinyl ether

Concen: 27.446 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

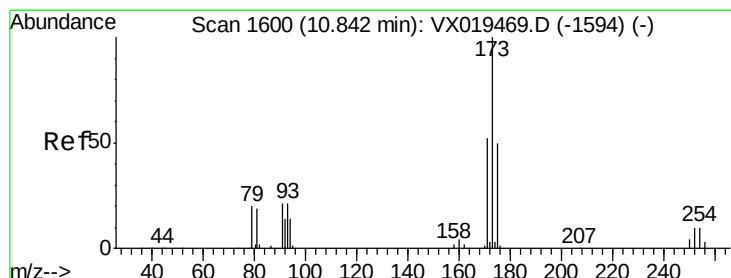
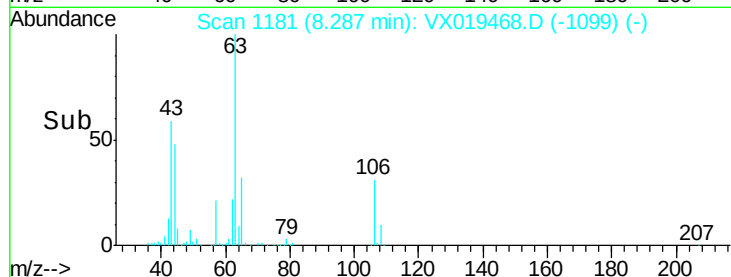
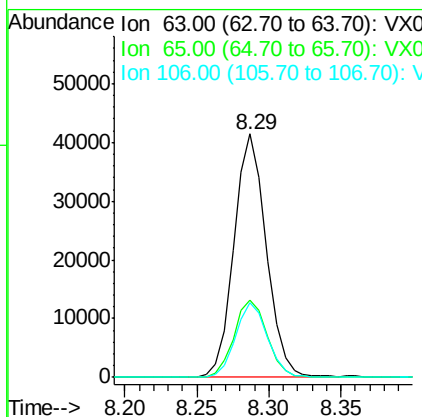
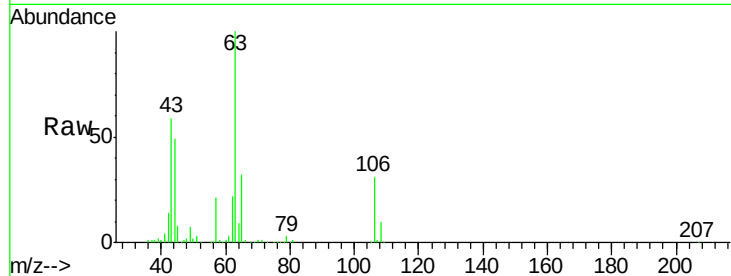
ClientSampleId :

VSTDIC005

Tot Ion:	63	Resp:	65019
Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.7	38.5
106	30.1	24.2	36.4

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11/20/2020 12:25:00 PM



#56

Bromoform

Concen: 4.217 ug/l

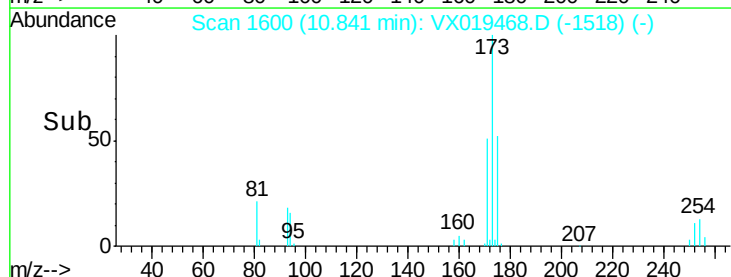
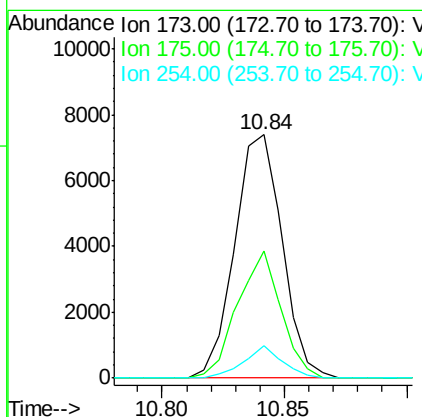
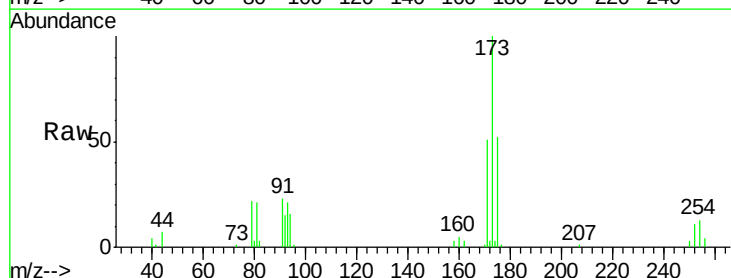
RT: 10.84 min Scan# 1600

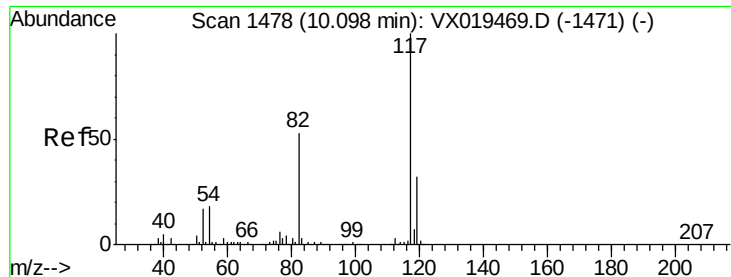
Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Tgt Ion:	173	Resp:	10006
Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.7	59.5
254	10.9	8.0	12.0





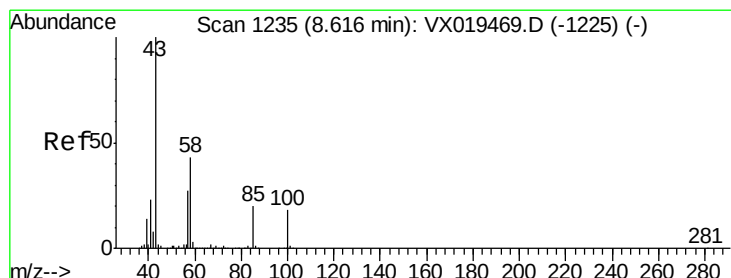
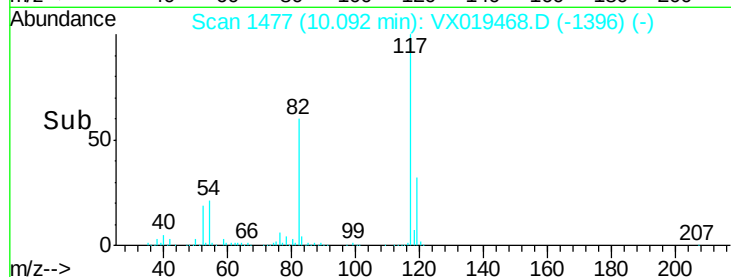
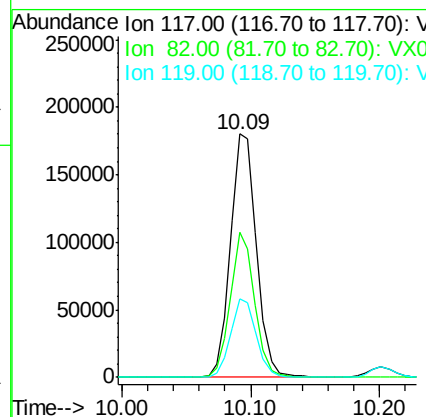
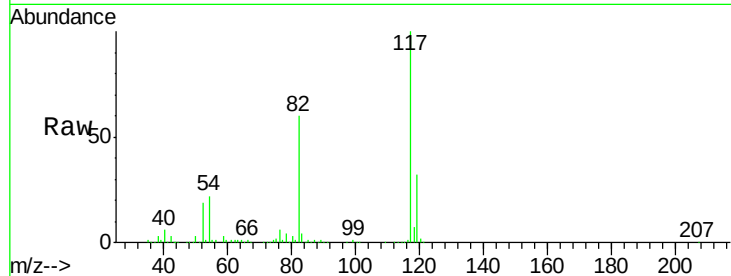
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	255295		
82	55.9	44.5	66.7	
119	31.9	25.9	38.9	

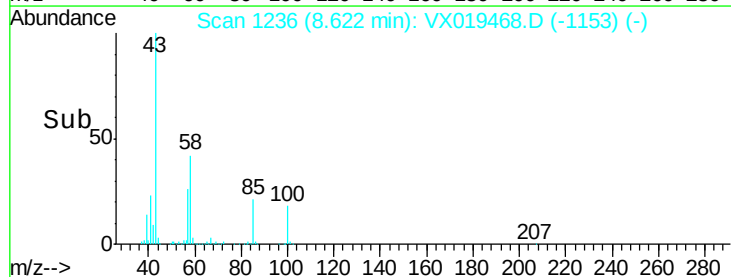
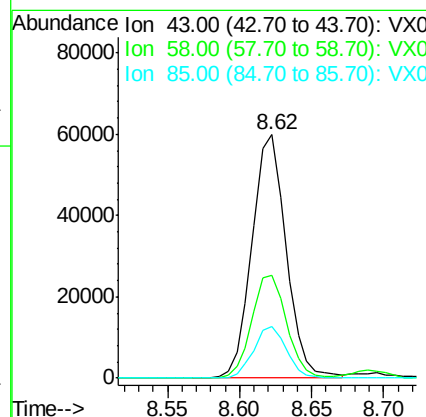
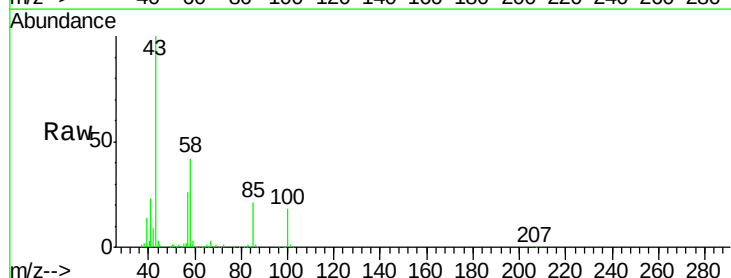
Manual Integrations
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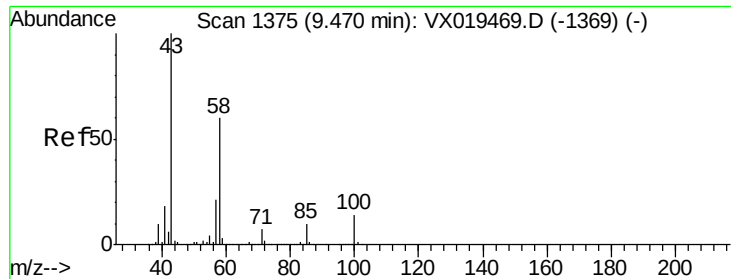
MMDadoda
11/20/2020 12:25:00 PM



#58
4-Methyl-2-Pentanone
Concen: 28.390 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	97662		
58	43.4	35.1	52.7	
85	20.6	16.7	25.1	





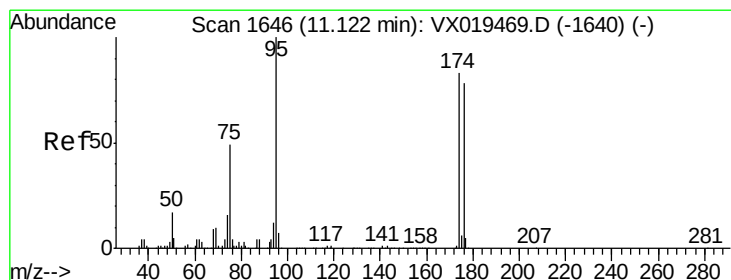
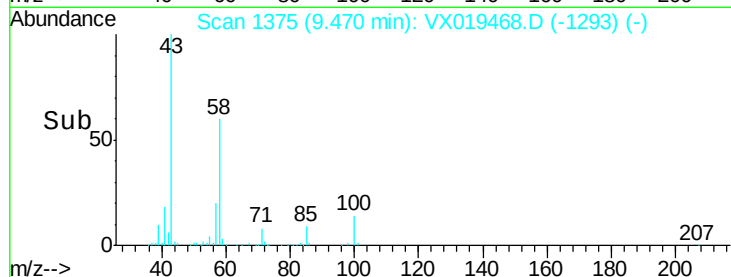
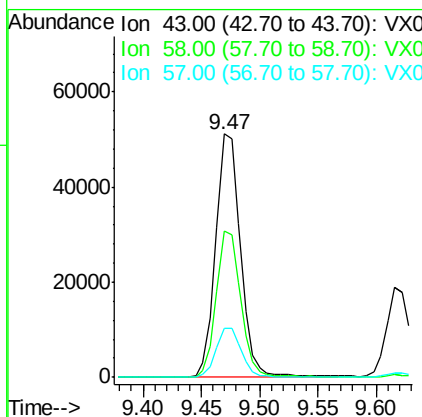
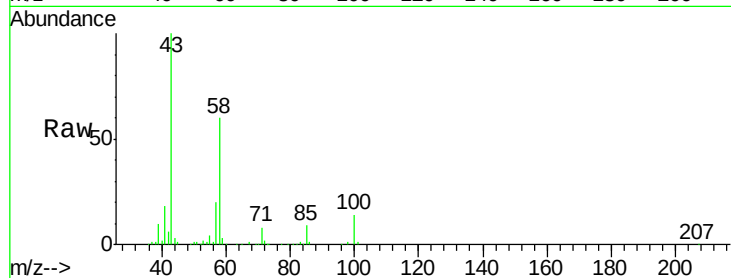
#59
2-Hexanone
Concen: 29.250 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.4	49.0	73.6
57	20.6	17.0	25.4

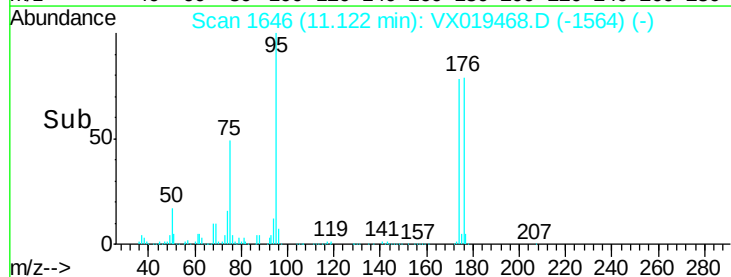
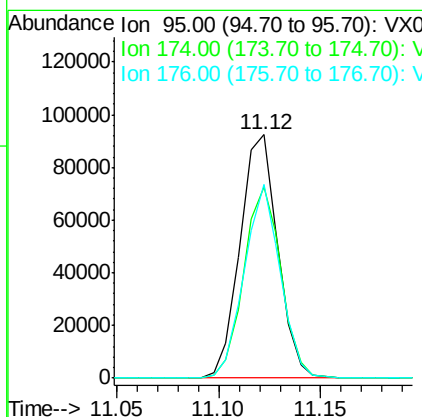
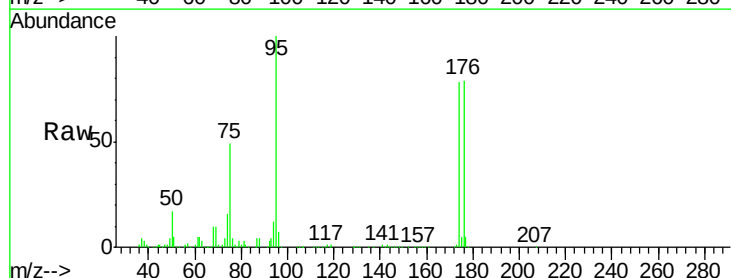
Manual Integrations
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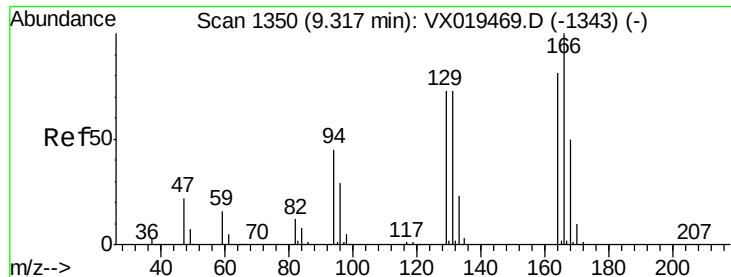
MMDadoda
11/20/2020 12:25:00 PM



#60
4-Bromofluorobenzene
Concen: 30.459 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.7	63.5	95.3
176	76.2	59.8	89.6





#61

Tetrachloroethene

Concen: 5.559 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 17702

Ion Ratio Lower Upper

164 100

166 129.9 99.4 149.0

129 94.7 72.6 108.8

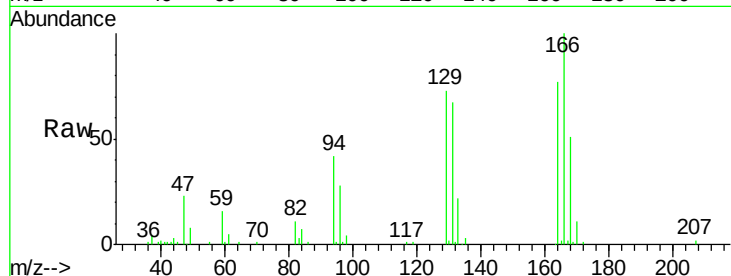
131 87.6 72.6 108.8

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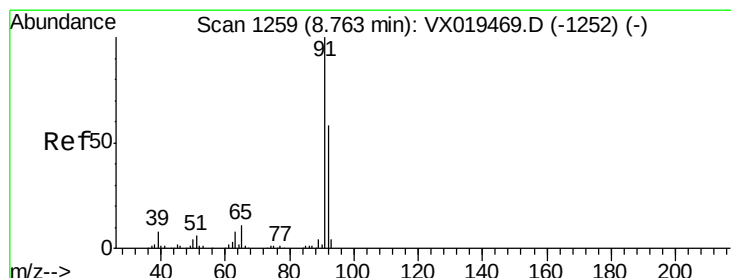
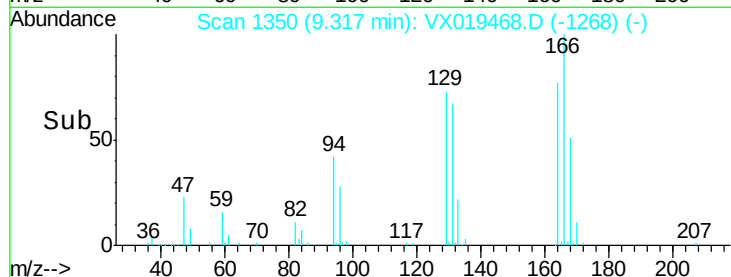
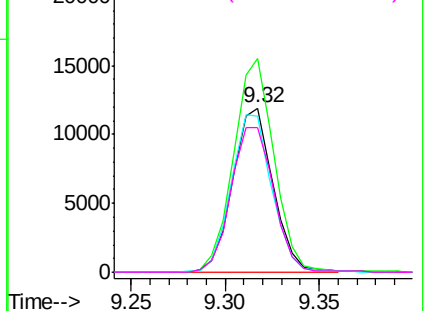


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.156 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019468.D

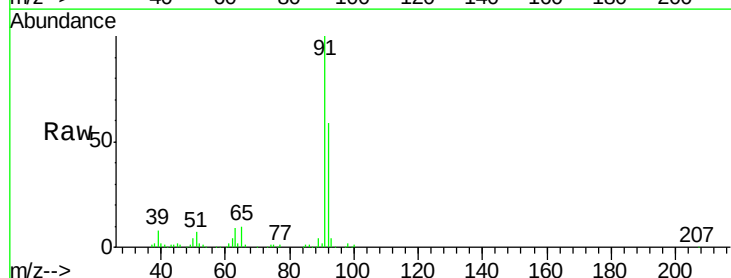
Acq: 19 Nov 2020 16:02

Tgt Ion: 91 Resp: 71499

Ion Ratio Lower Upper

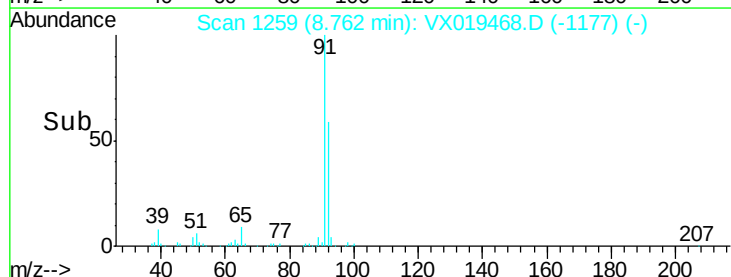
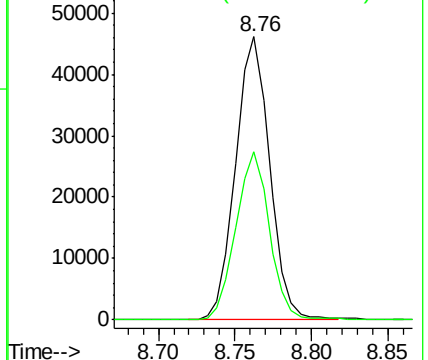
91 100

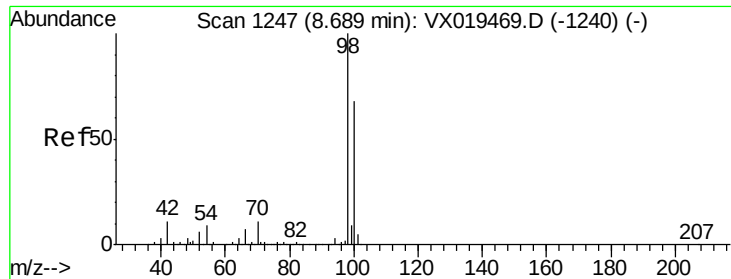
92 58.7 47.4 71.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.189 ug/l

RT: 8.69 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 98 Resp: 340286

Ion Ratio Lower Upper

98 100

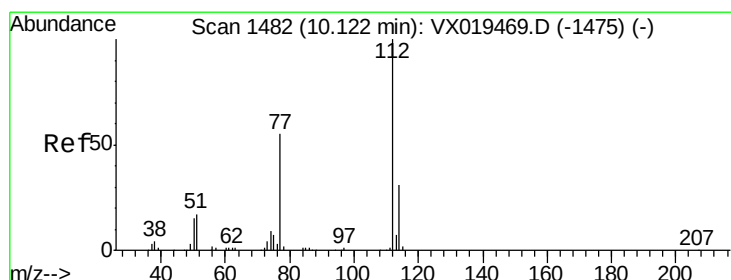
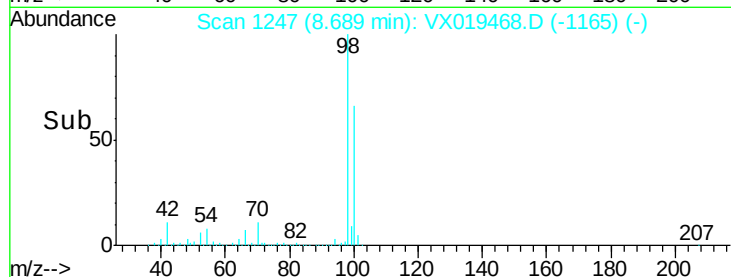
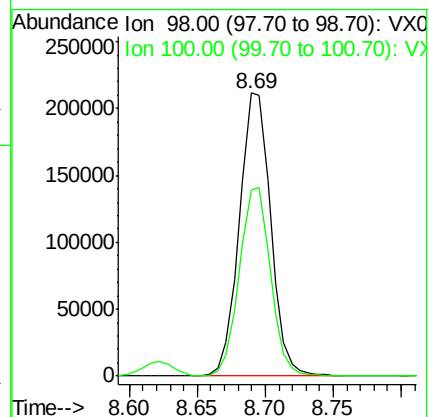
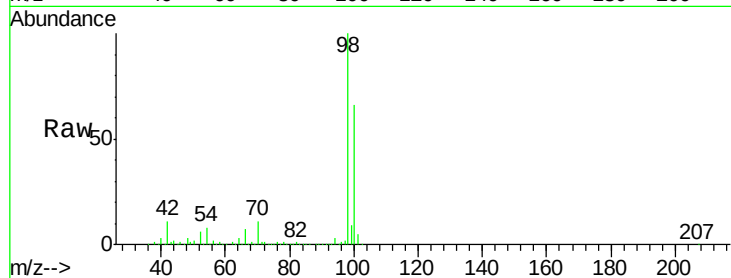
100 66.3 53.6 80.4

Manual Integrations

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11/20/2020 12:25:00 PM



#64

Chlorobenzene

Concen: 5.022 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019468.D

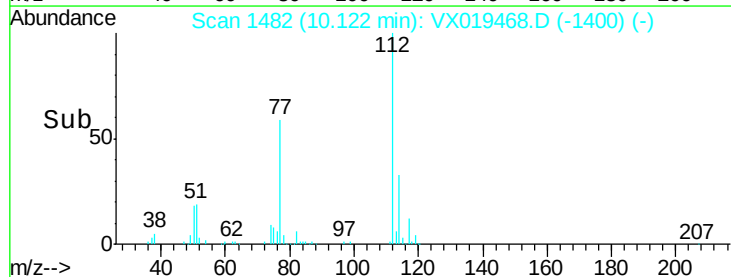
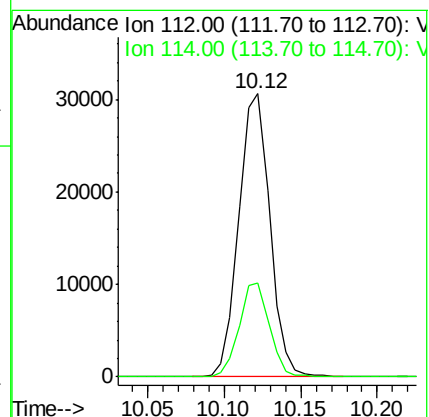
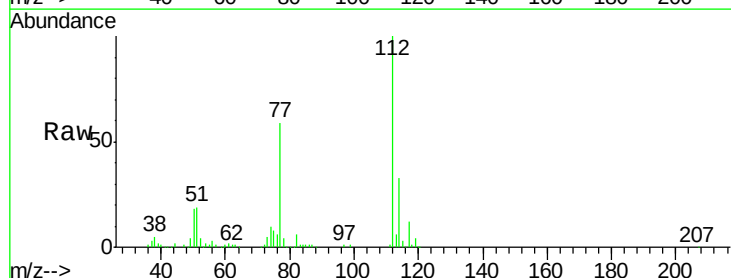
Acq: 19 Nov 2020 16:02

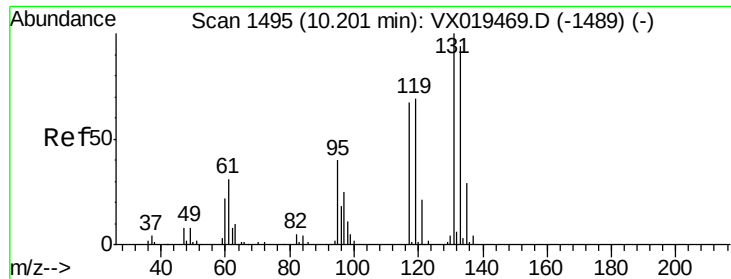
Tgt Ion: 112 Resp: 43385

Ion Ratio Lower Upper

112 100

114 33.0 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 4.825 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

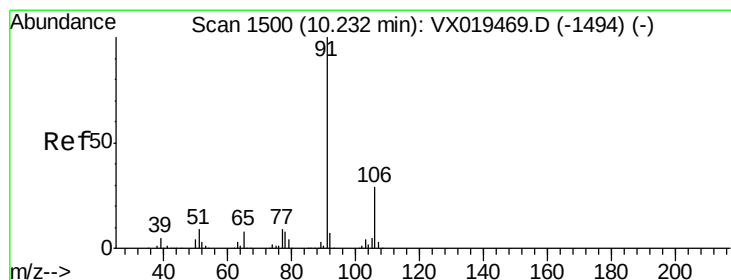
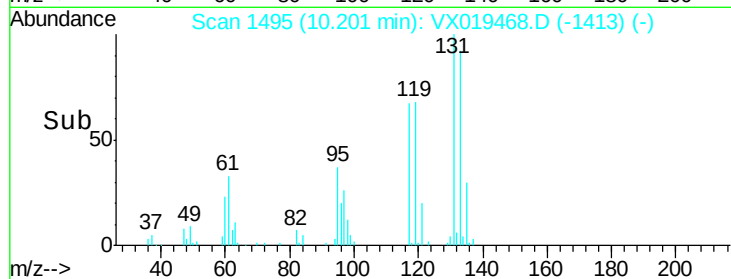
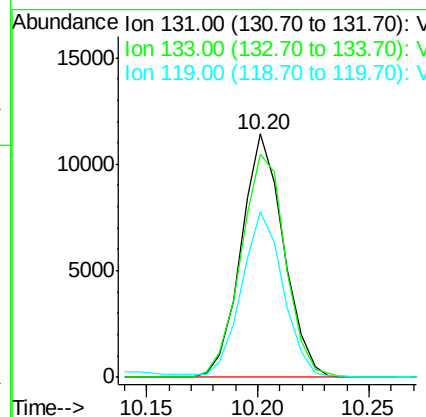
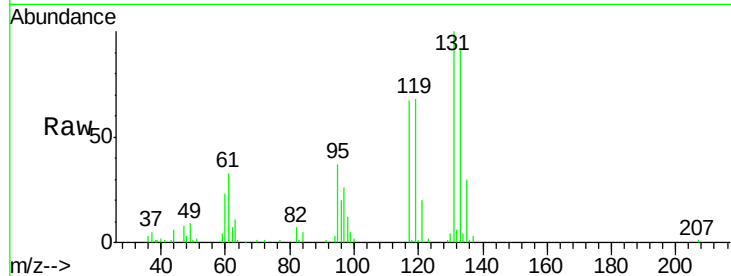
ClientSampled :

VSTDIC005

Tot Ion:	131	Resp:	15169
Ion	Ratio	Lower	Upper
131	100		
133	96.5	0.0	189.4
119	67.2	0.0	130.4

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#66

Ethyl Benzene

Concen: 4.915 ug/l

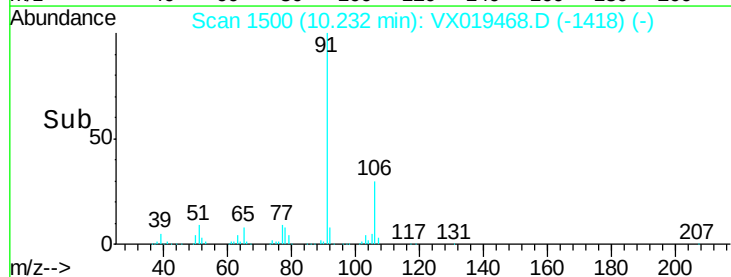
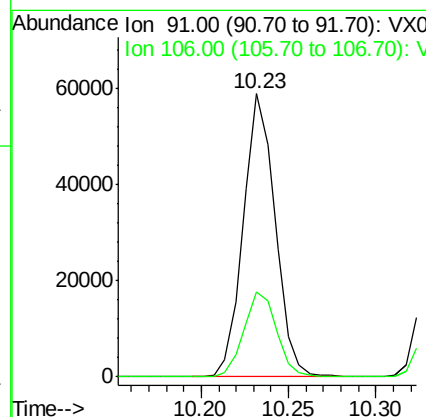
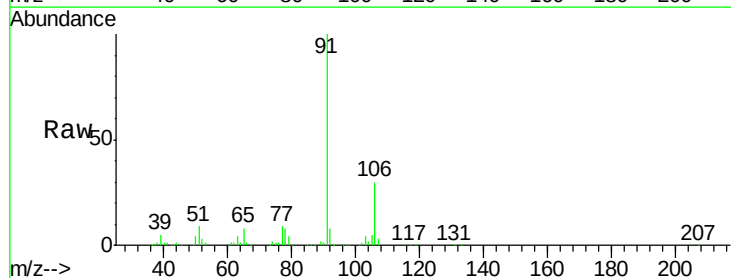
RT: 10.23 min Scan# 1500

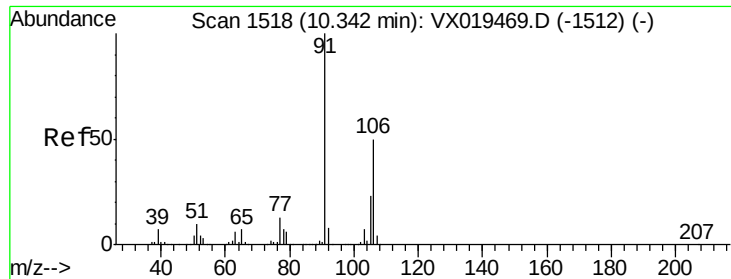
Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Tgt Ion:	91	Resp:	74896
Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.5	35.3





#67

m/p-Xylenes

Concen: 9.496 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:106 Resp: 55094

Ion Ratio Lower Upper

106 100

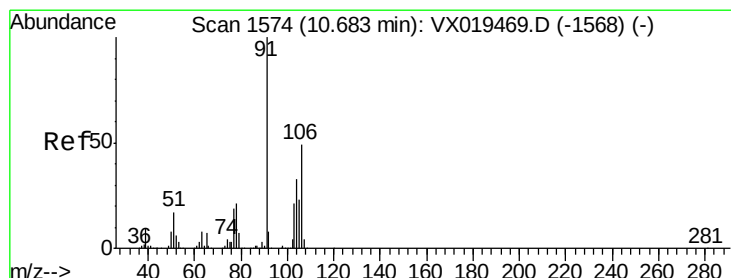
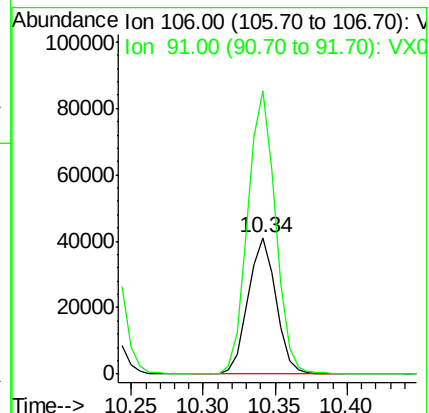
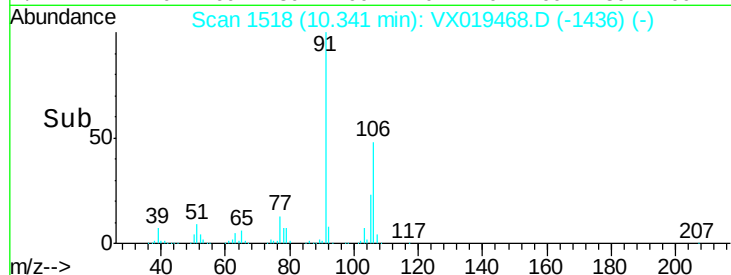
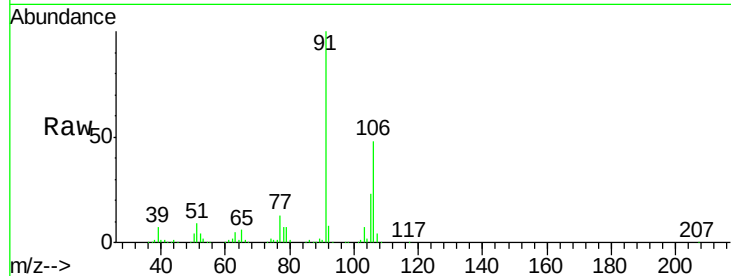
91 205.6 162.7 244.1

Manual Integrations

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11/20/2020 12:25:00 PM



#68

o-Xylene

Concen: 4.704 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019468.D

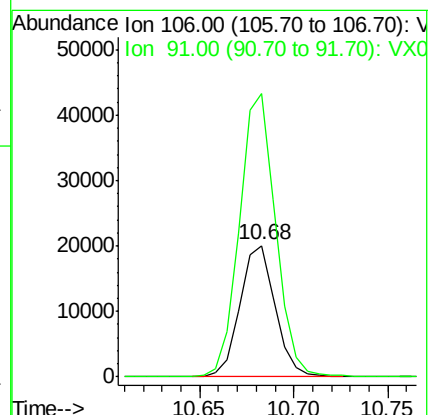
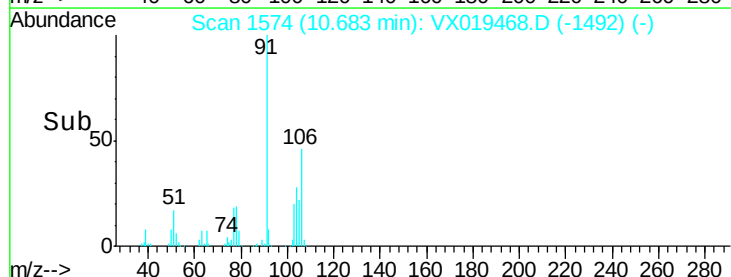
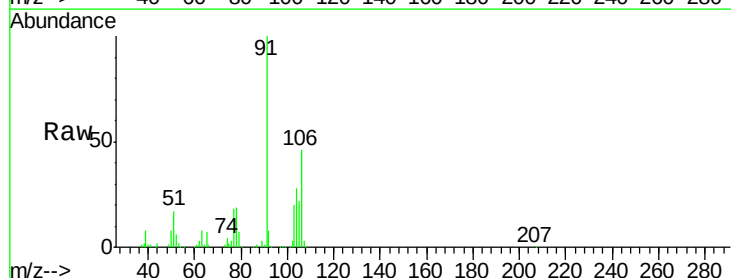
Acq: 19 Nov 2020 16:02

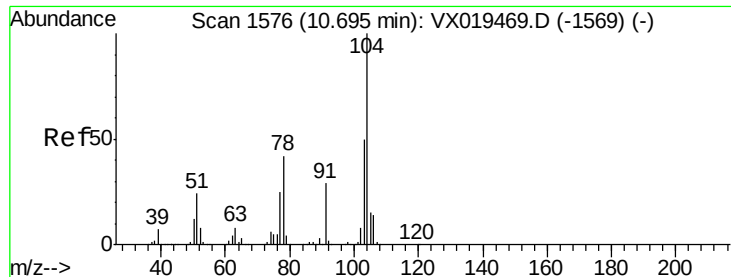
Tgt Ion:106 Resp: 26029

Ion Ratio Lower Upper

106 100

91 221.4 108.3 324.9





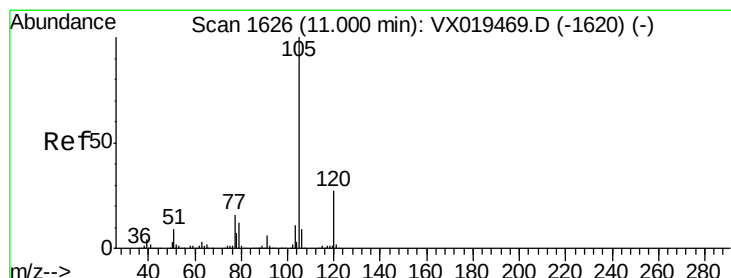
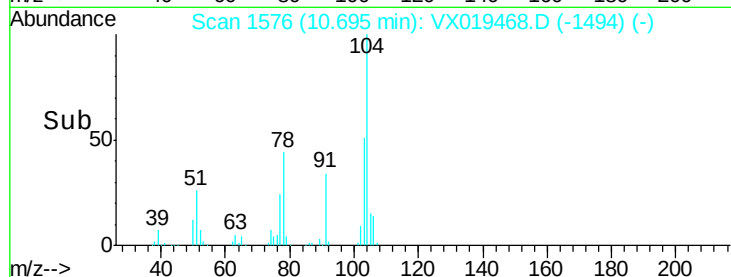
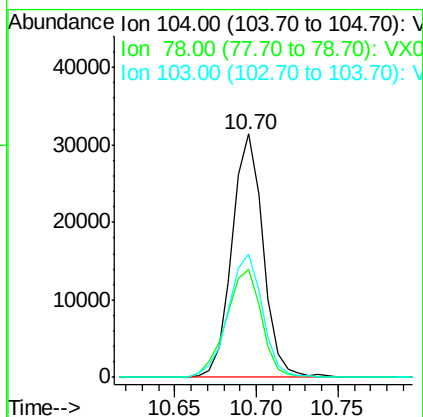
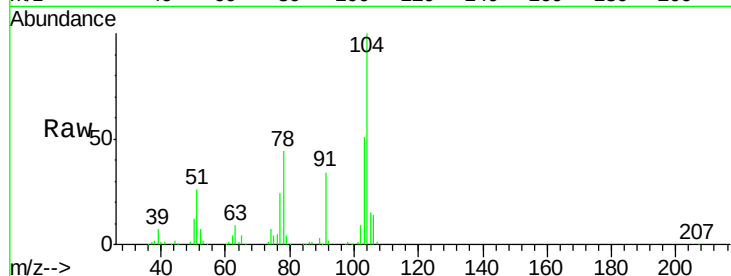
#69
Stvrene
Concen: 4.481 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.2	39.2	58.8
103	55.5	43.8	65.8

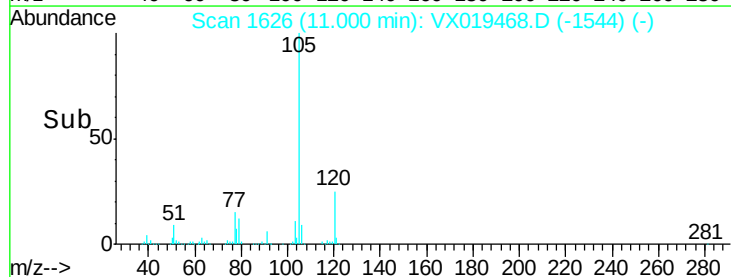
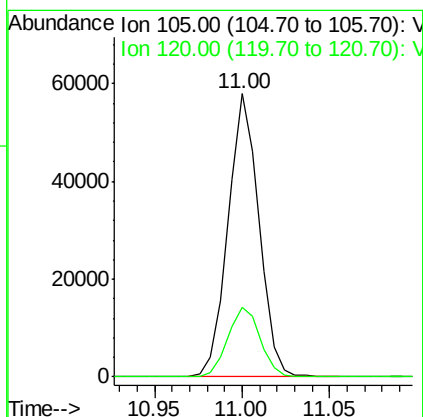
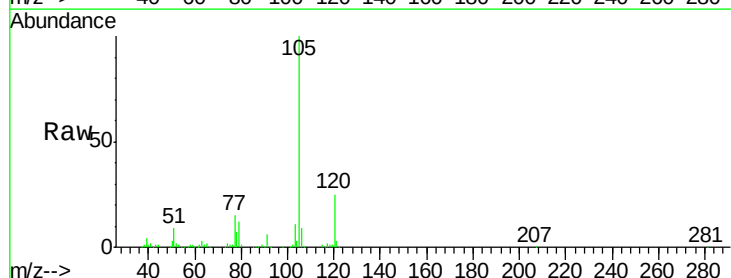
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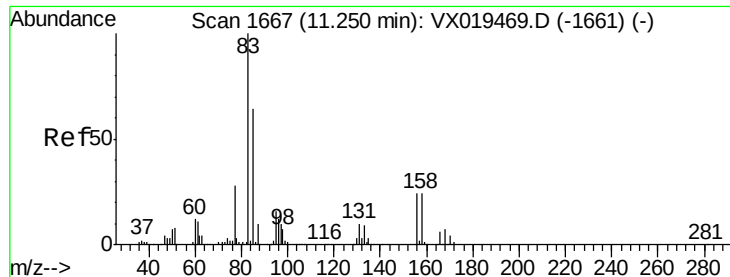
MMDadoda
11/20/2020 12:25:00 PM



#70
Isopropylbenzene
Concen: 4.767 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	18.5	34.3





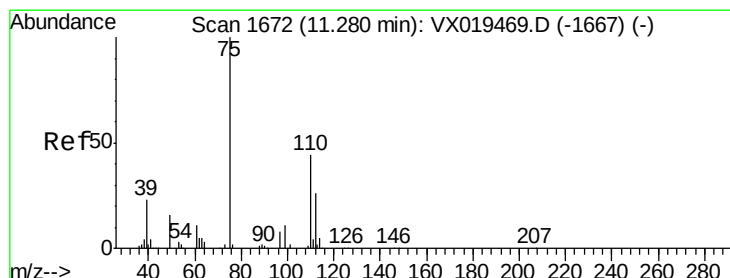
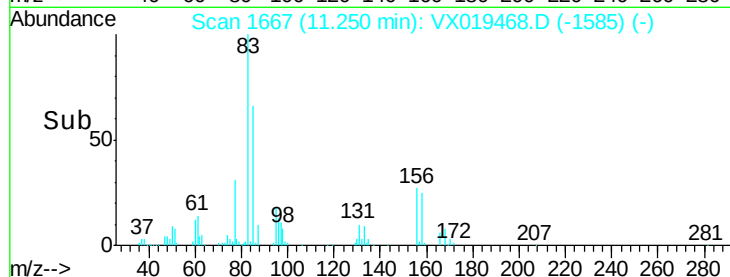
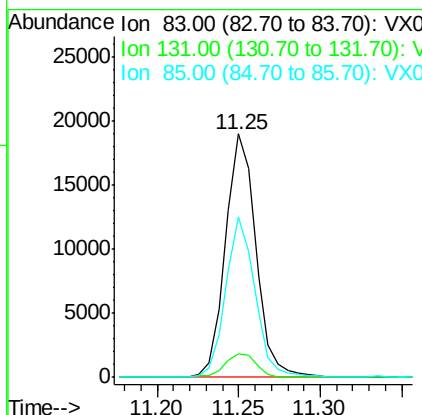
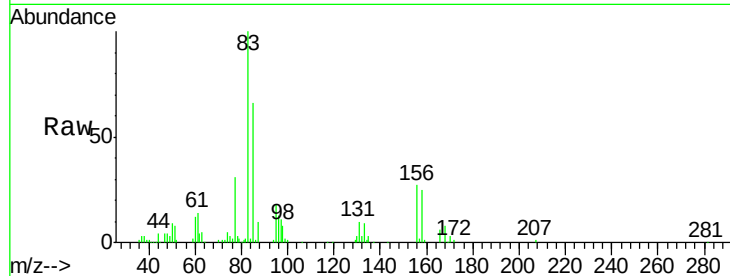
#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.583 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	83	Resp	24779
Ion Ratio	100	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	63.3	31.6	94.8

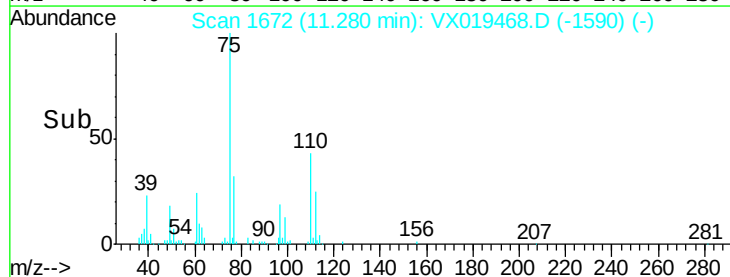
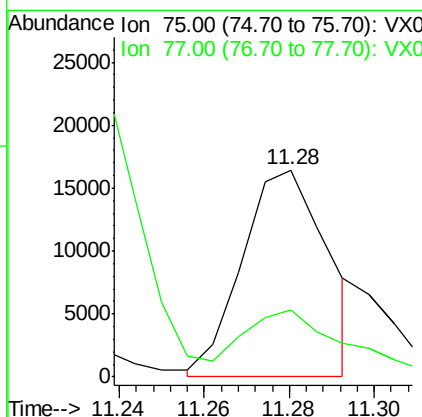
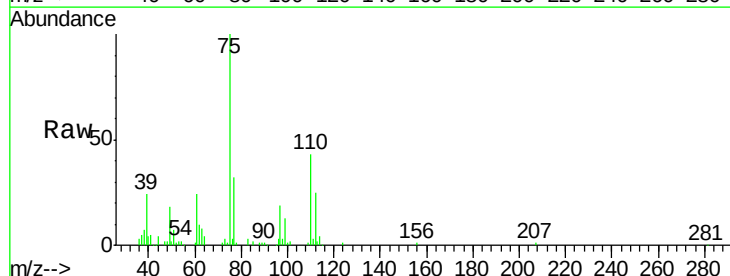
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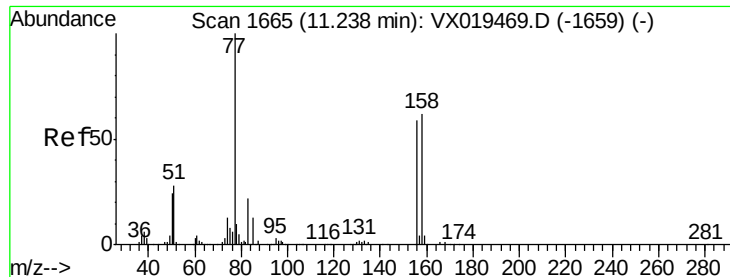
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 11/20/2020 12:25:00 PM



#72
 1,2,3-Trichloropropane
 Concen: 5.766 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion	75	Resp	22901
Ion Ratio	100	Lower	Upper
75	100		
77	38.2	0.0	78.4





#73

Bromobenzene

Concen: 5.125 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

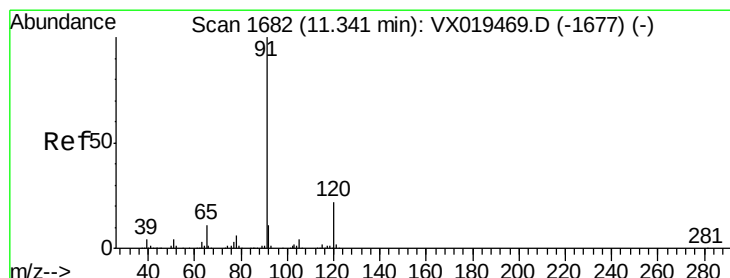
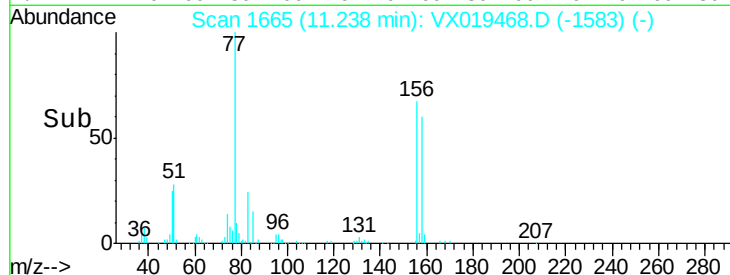
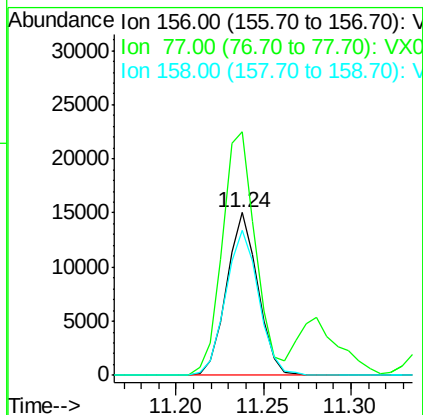
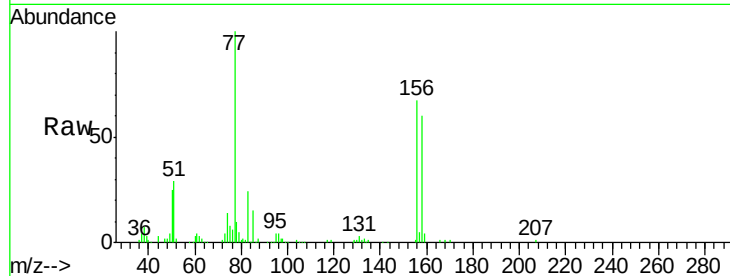
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	18741
Ion Ratio	Lower	Upper	
156	100		
77	159.3	0.0	329.0
158	93.9	0.0	197.0

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#74

n-propylbenzene

Concen: 4.783 ug/l

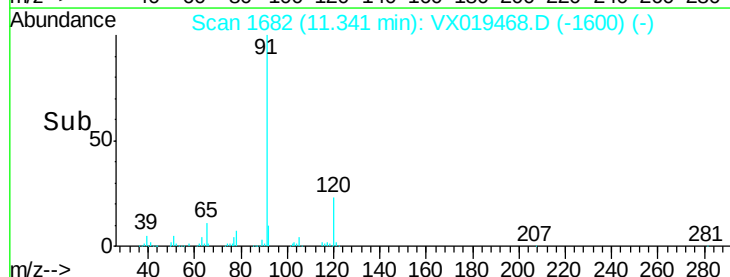
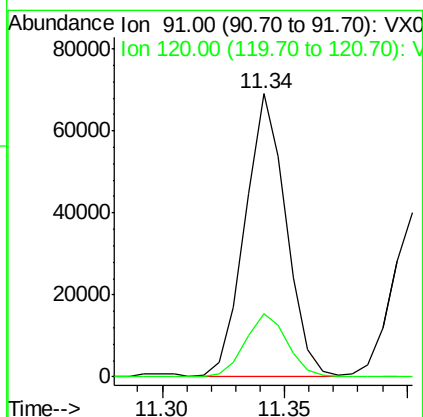
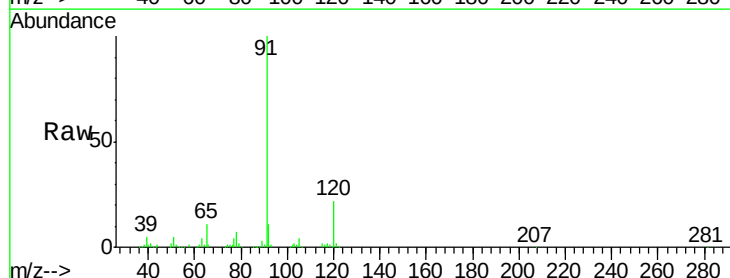
RT: 11.34 min Scan# 1682

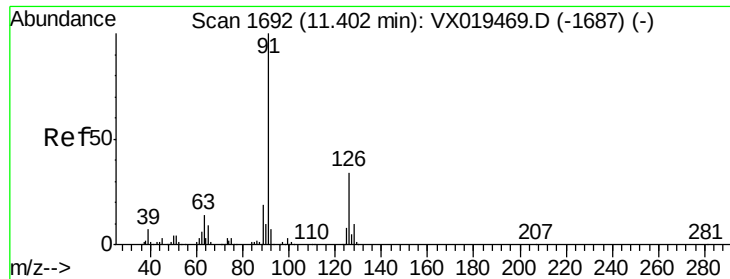
Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Tgt Ion:	91	Resp:	80964
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	45.6





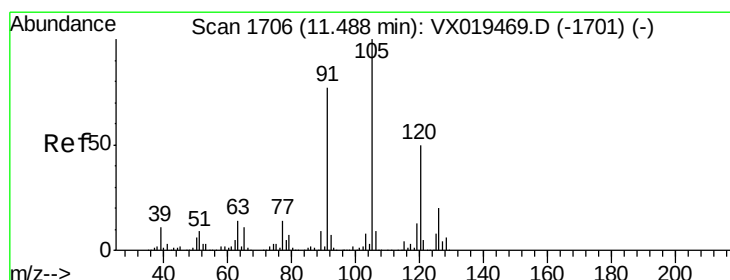
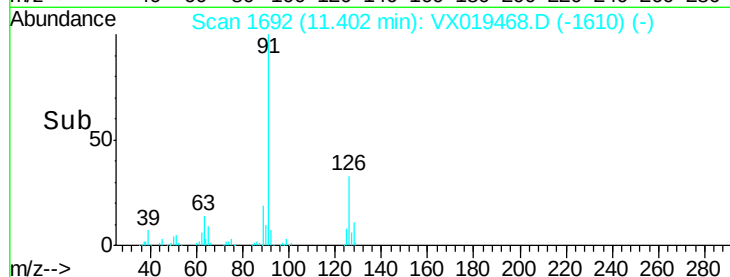
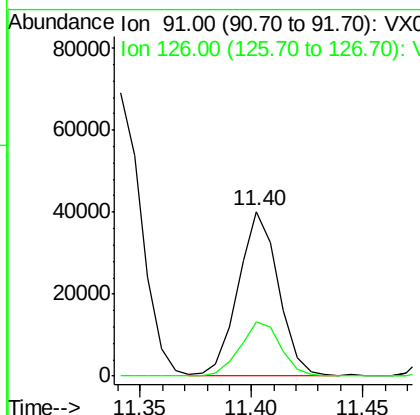
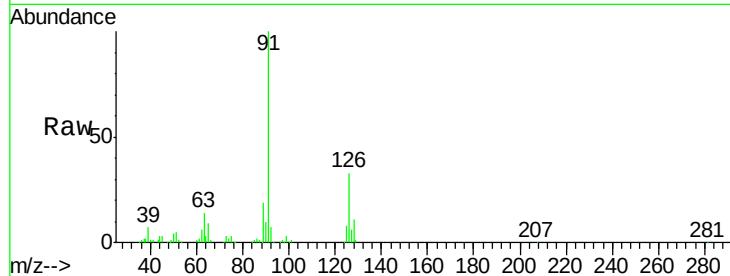
#75
 2-Chlorotoluene
 Concen: 5.213 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.1	0.0	66.4

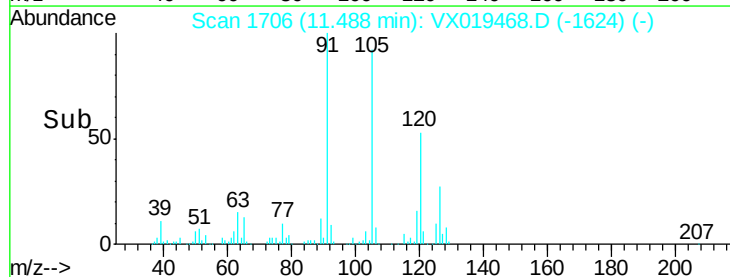
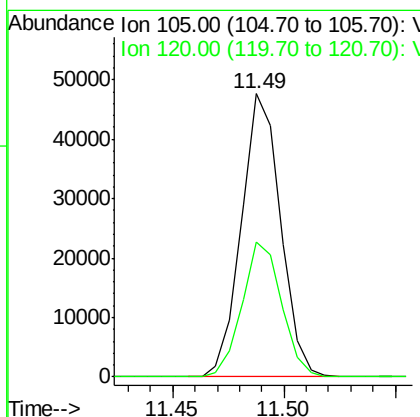
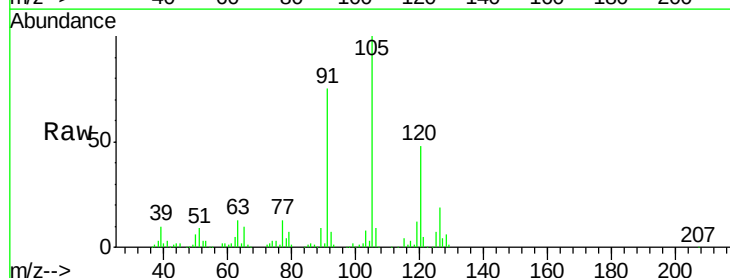
Manual Integrations
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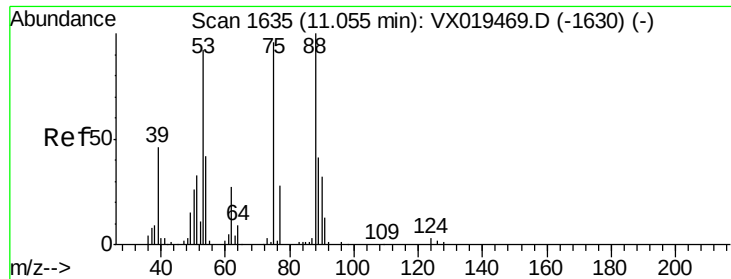
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 11/20/2020 12:25:00 PM



#76
 1,3,5-Trimethylbenzene
 Concen: 4.819 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.1	0.0	99.4





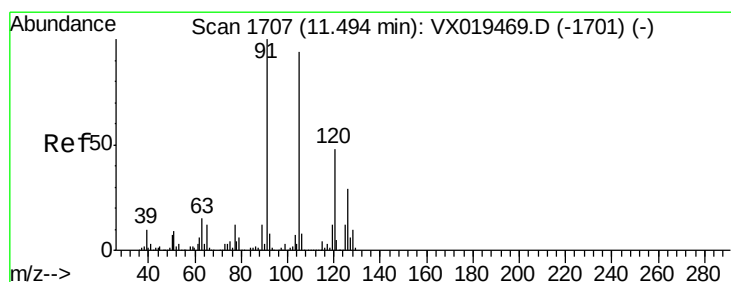
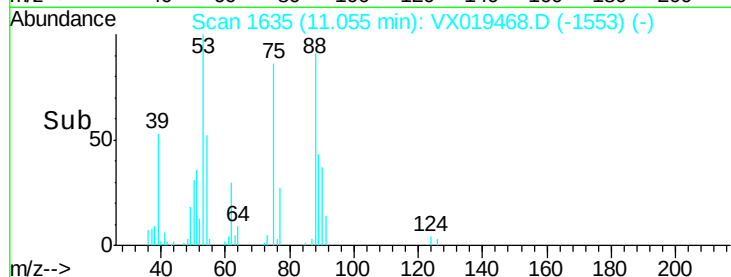
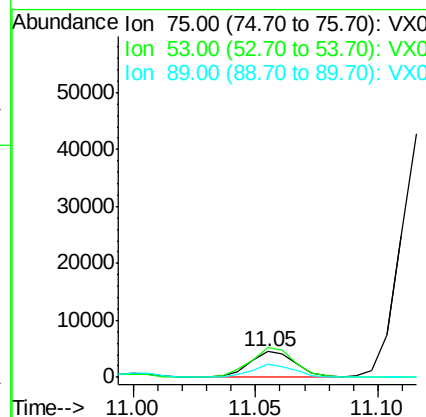
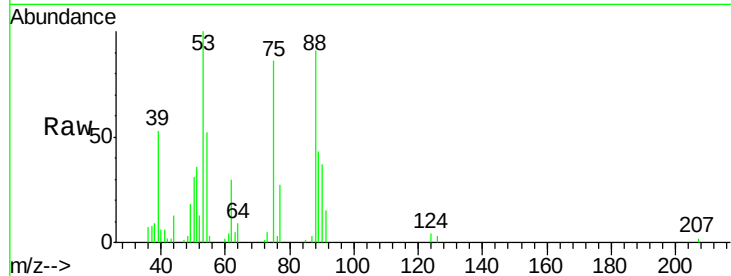
#77
t-1,4-Dichloro-2-butene
Concen: 3.890 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.6	47.9	143.6
89	49.7	21.4	64.2

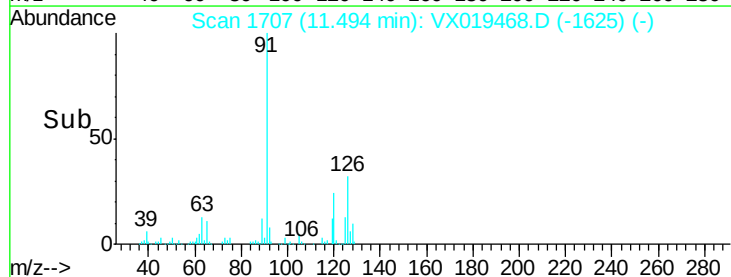
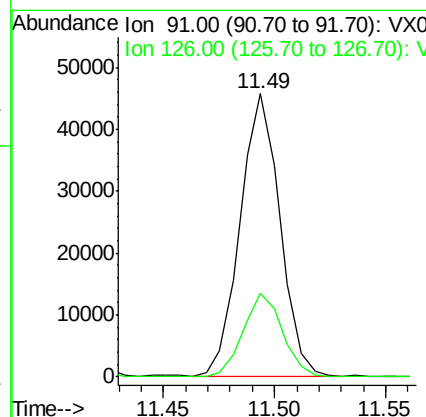
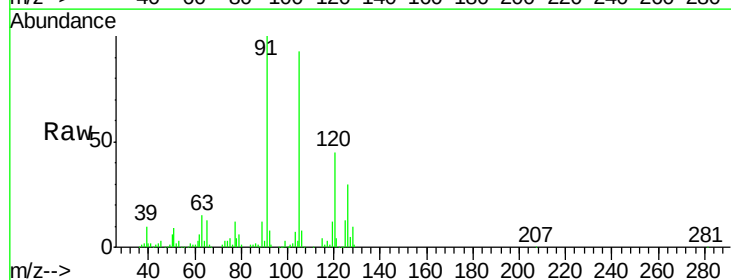
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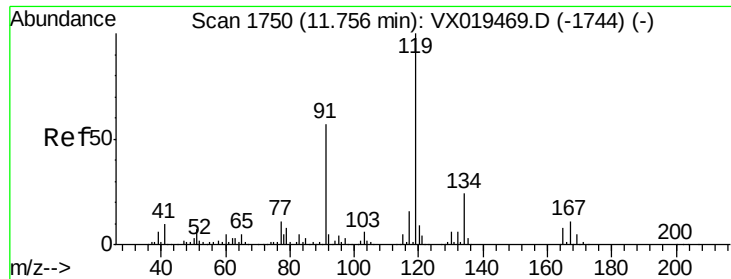
MMDadoda
11/20/2020 12:25:00 PM



#78
4-Chlorotoluene
Concen: 5.017 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	0.0	58.6





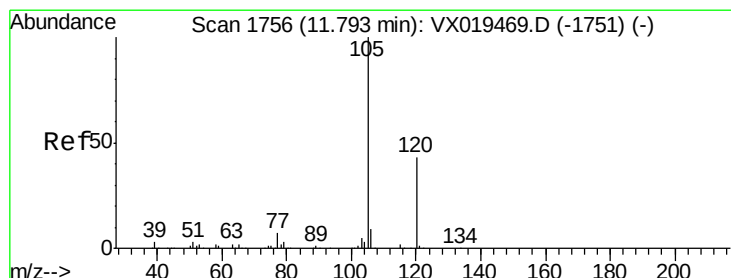
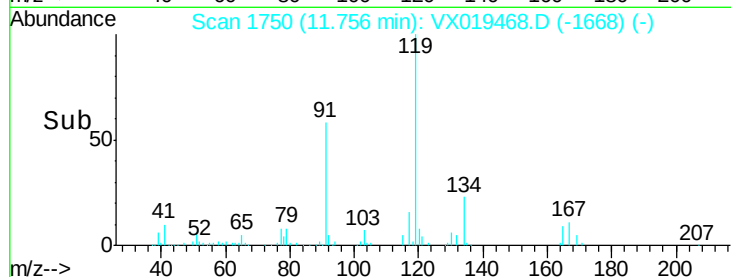
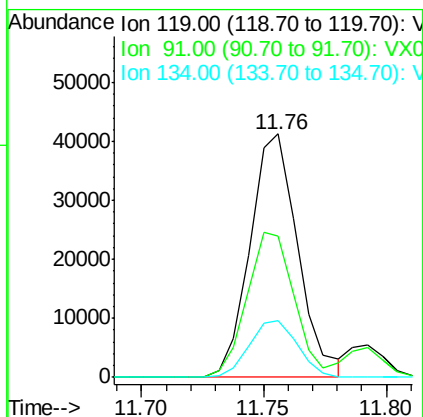
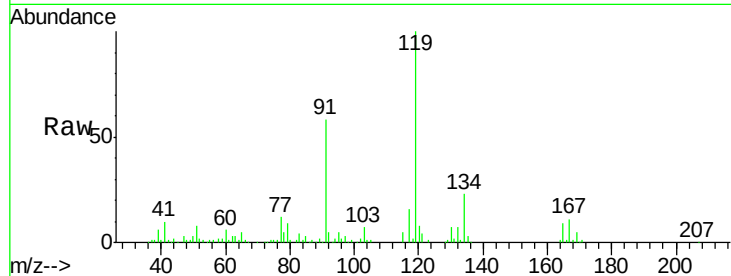
#79
tert-butylbenzene
Concen: 4.698 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	55933		
91	58.9		0.0	117.0
134	23.5		0.0	47.2

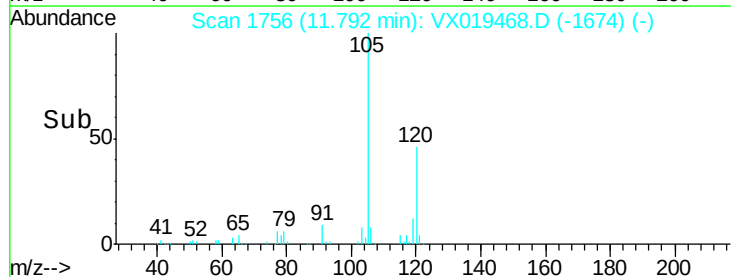
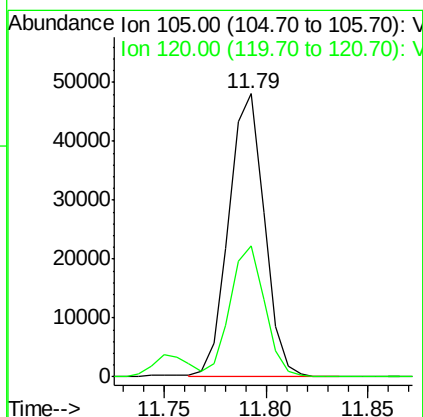
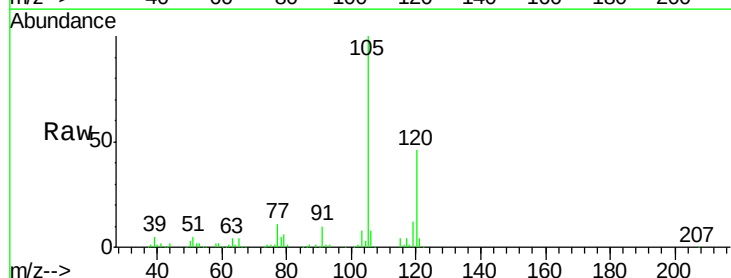
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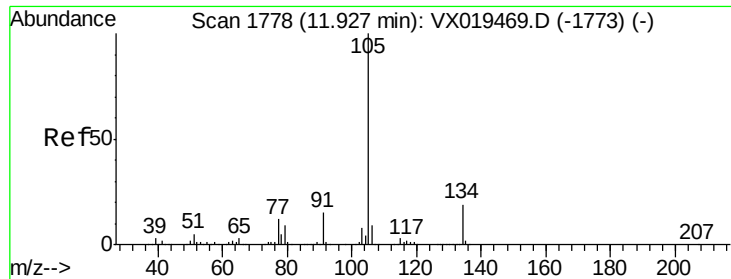
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#80
1,2,4-Trimethylbenzene
Concen: 4.806 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	58249		
120	45.0		0.0	91.2





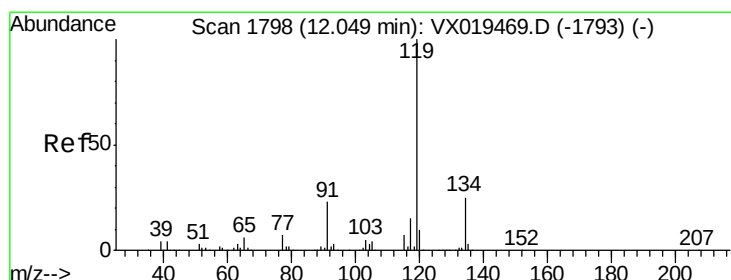
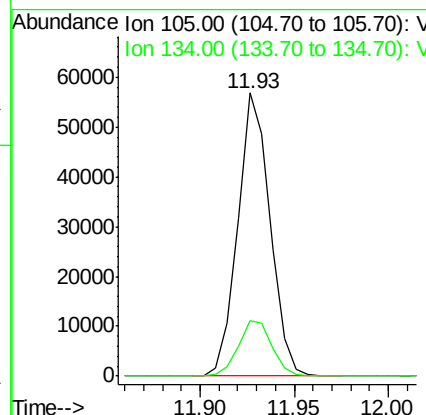
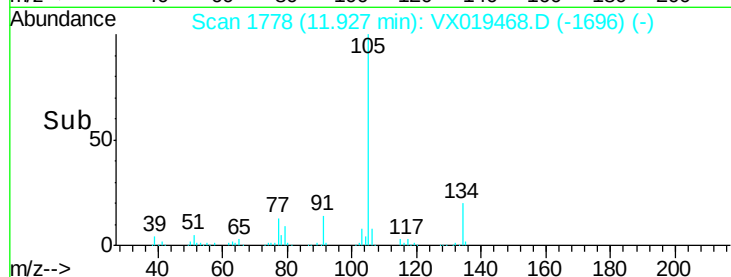
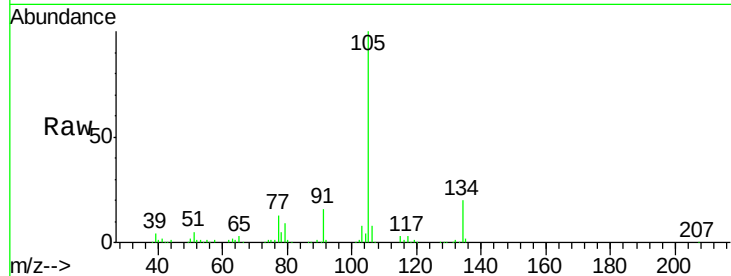
#81
 sec-Butylbenzene
 Concen: 4.755 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	0.0	39.2

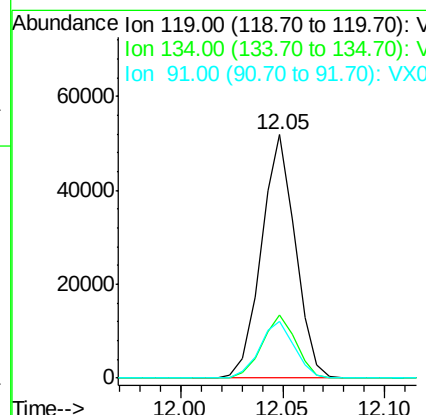
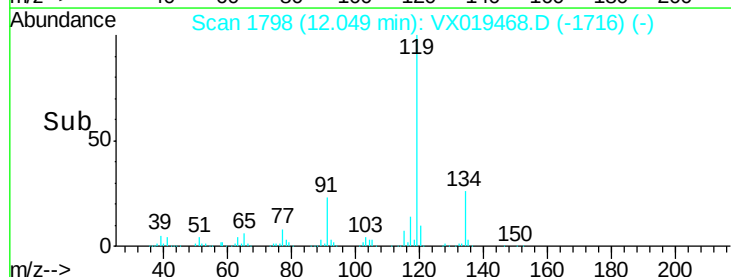
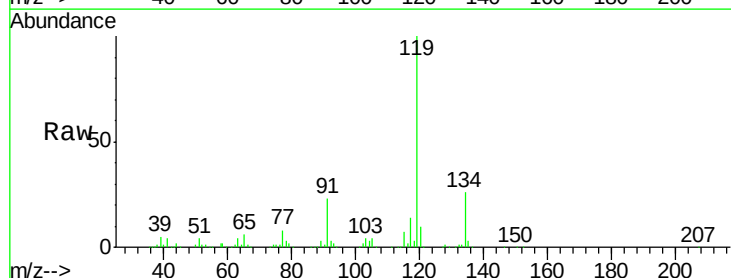
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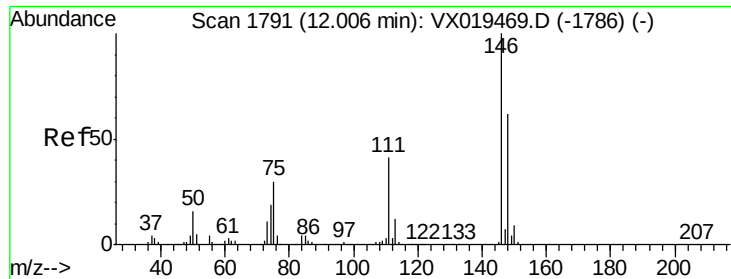
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 11/20/2020 12:25:00 PM



#82
 p-Isopropyltoluene
 Concen: 4.606 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	0.0	51.8
91	23.9	0.0	47.6





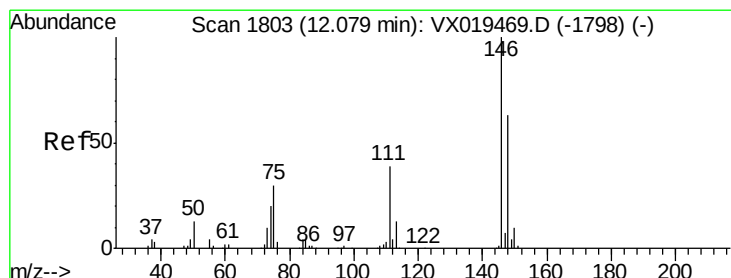
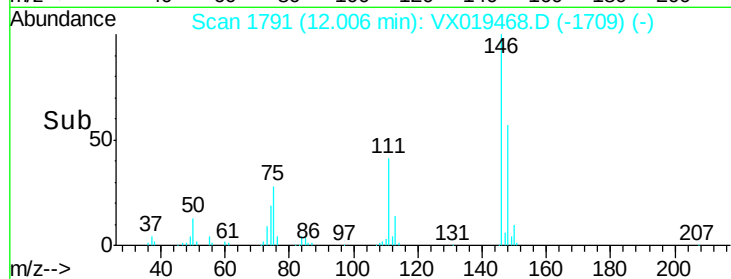
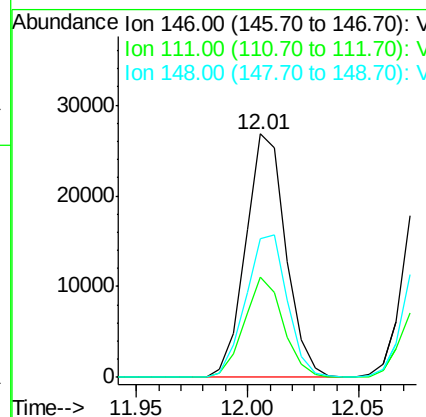
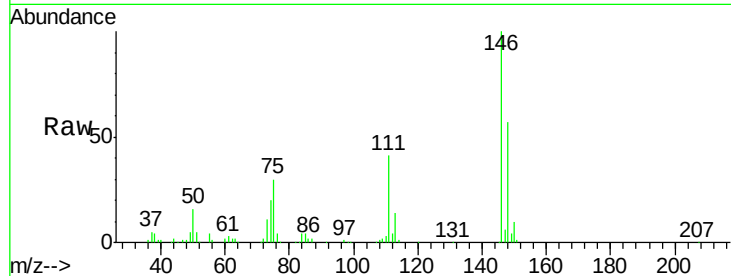
#83
 1,3-Dichlorobenzene
 Concen: 5.119 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	60.5	31.4	94.0

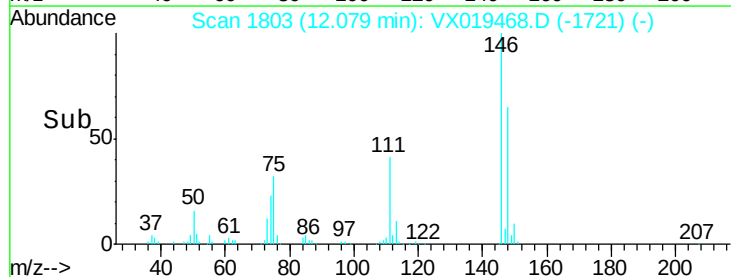
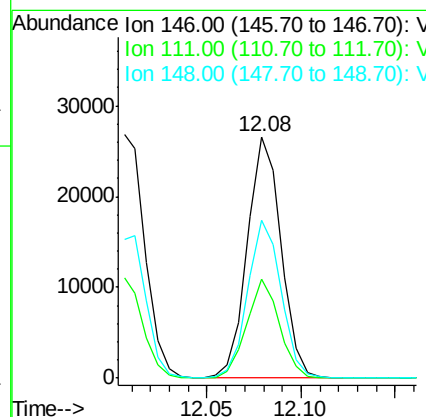
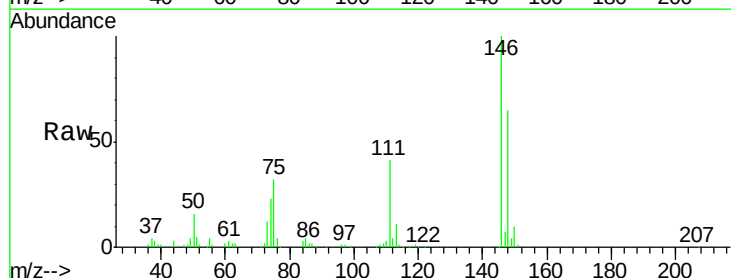
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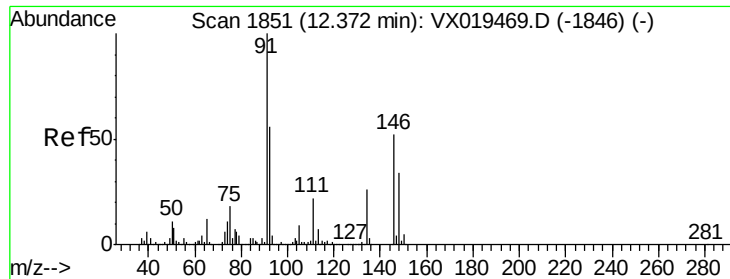
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#84
 1,4-Dichlorobenzene
 Concen: 4.944 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.3	57.9
148	64.6	31.4	94.2





#85

n-Butylbenzene

Concen: 4.536 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

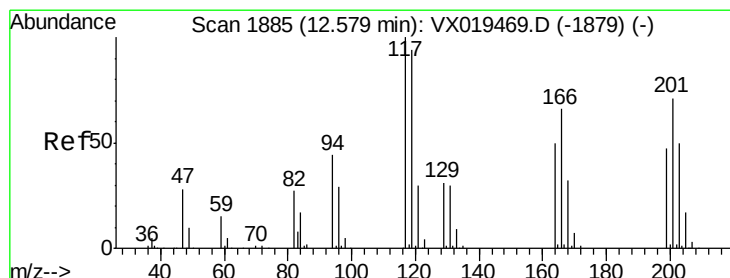
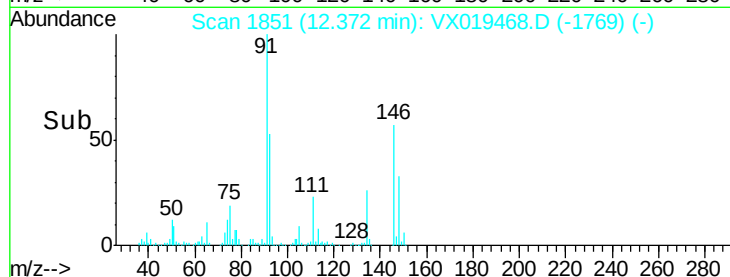
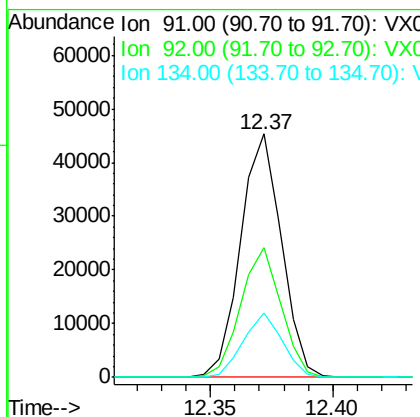
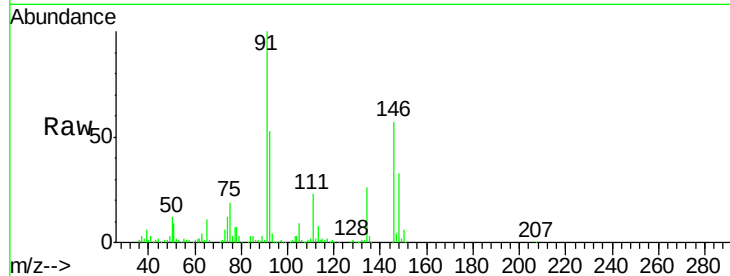
ClientSampleId :

VSTDIC005

Tot Ion:	91	Resp:	52782
Ion	Ratio	Lower	Upper
91	100		
92	53.1	0.0	111.2
134	25.7	0.0	51.2

Manual Integrations
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11/20/2020 12:25:00 PM



#86

Hexachloroethane

Concen: 4.508 ug/l

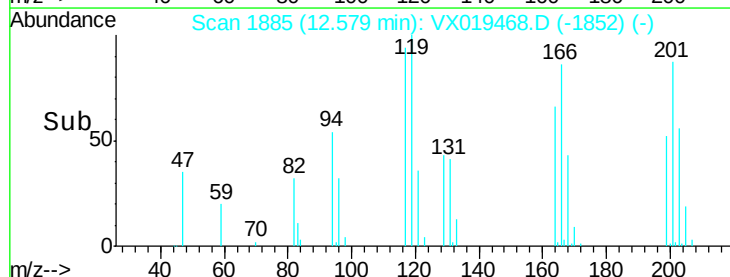
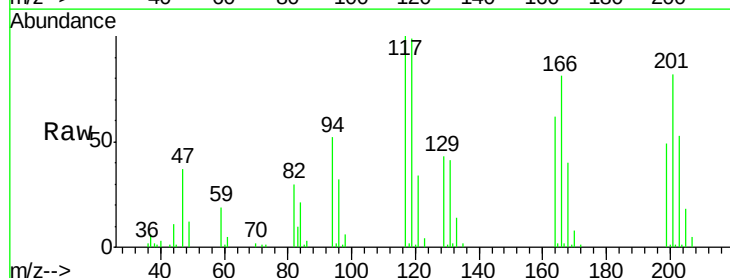
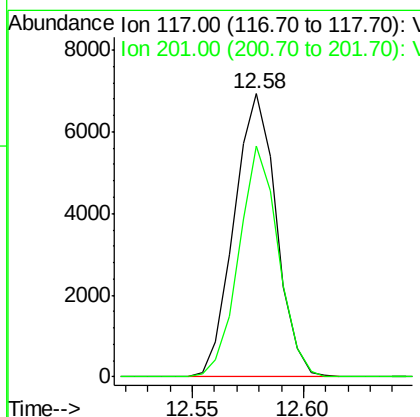
RT: 12.58 min Scan# 1885

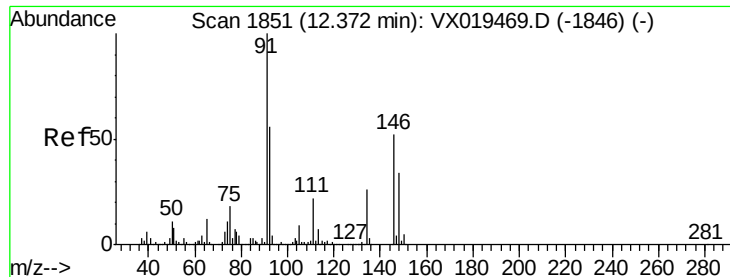
Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Tgt Ion:	117	Resp:	9182
Ion	Ratio	Lower	Upper
117	100		
201	76.2	38.4	115.1





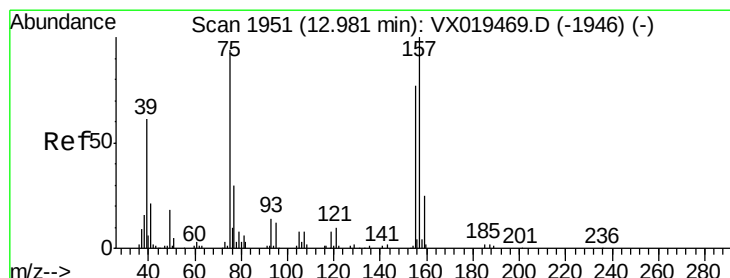
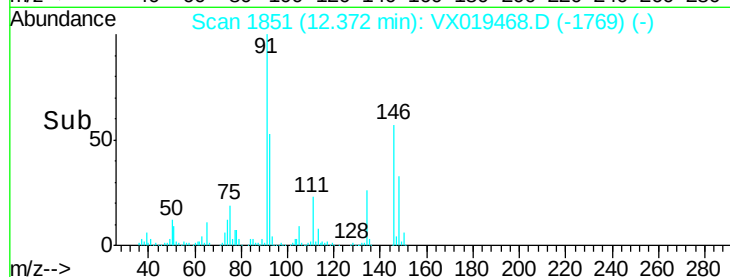
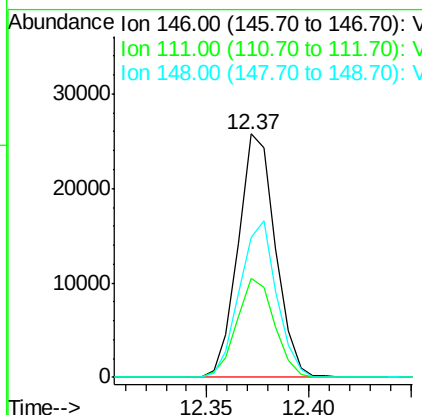
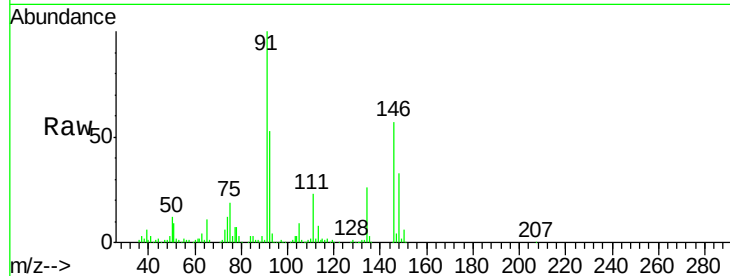
#87
 1,2-Dichlorobenzene
 Concen: 5.133 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
146	100	32565		
111	41.3	20.5	61.6	
148	64.3	31.5	94.5	

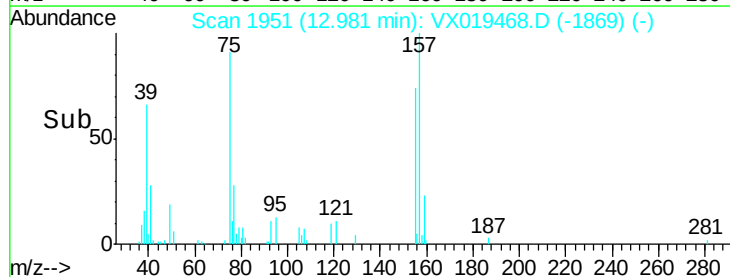
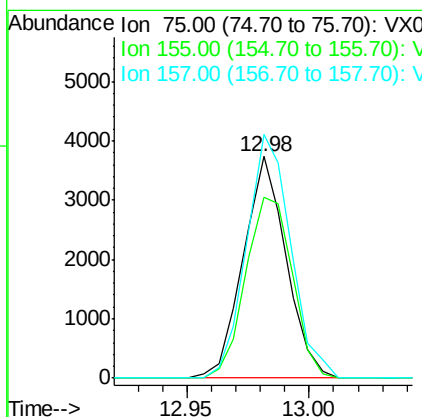
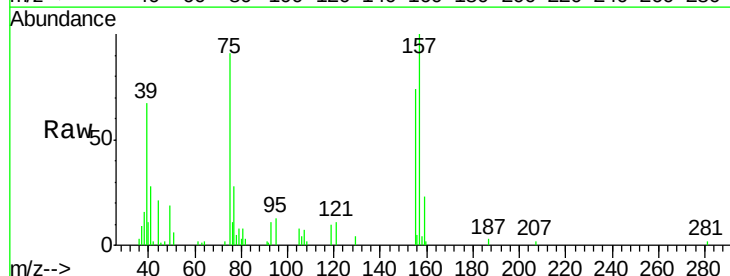
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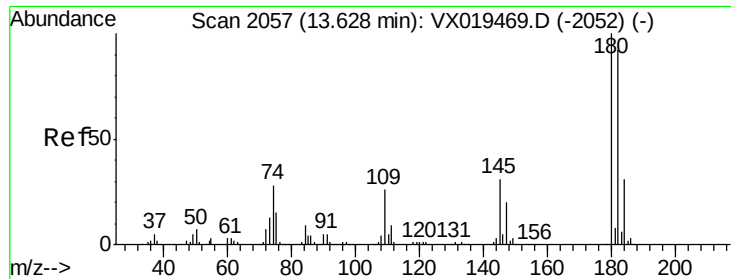
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 11/20/2020 12:25:00 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.665 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	4576		
155	88.7	68.6	103.0	
157	113.2	90.0	135.0	





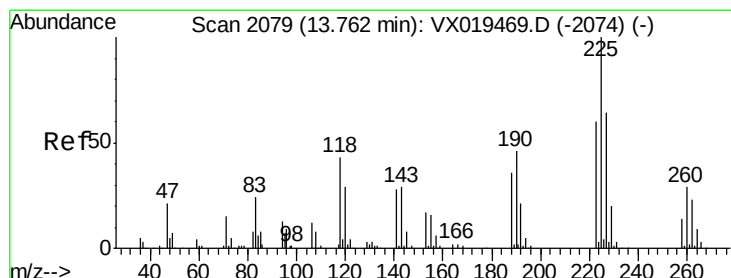
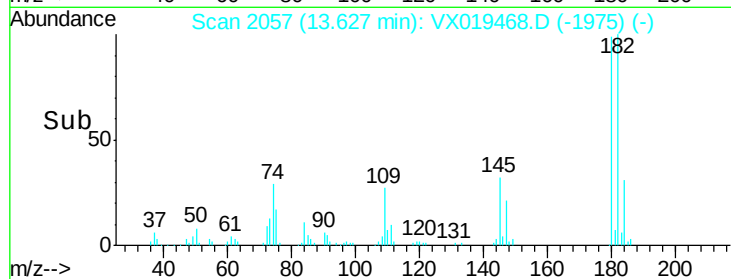
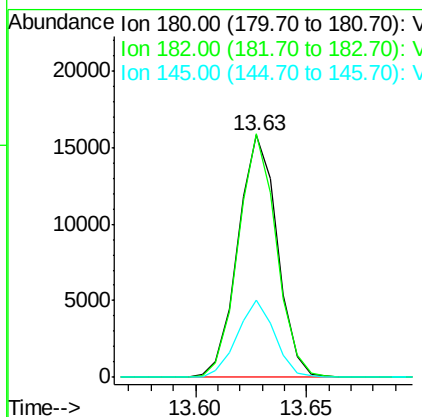
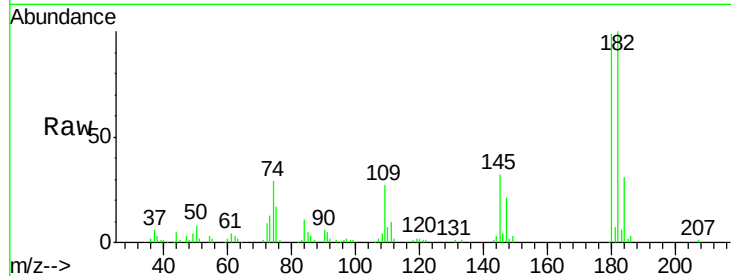
#89
 1,2,4-Trichlorobenzene
 Concen: 4.351 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.1	114.1
145	30.5	24.7	37.1

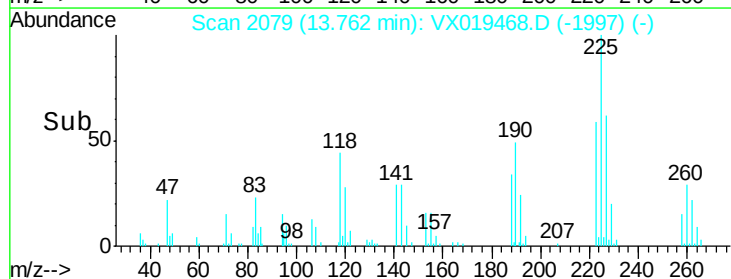
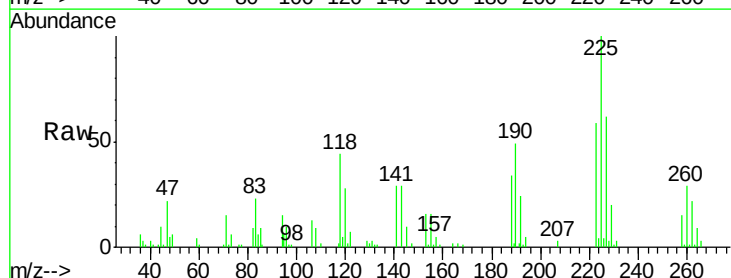
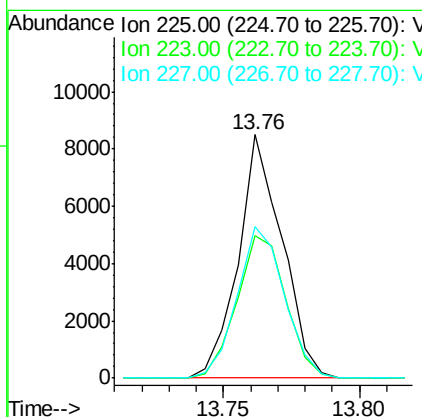
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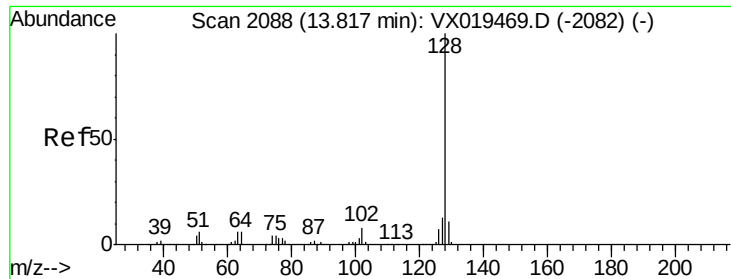
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#90
 Hexachlorobutadiene
 Concen: 4.877 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	0.0	119.2
227	67.1	0.0	126.4





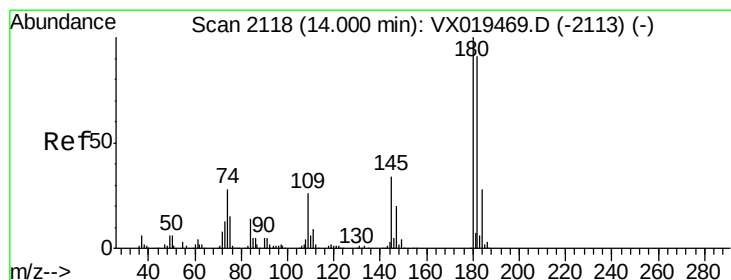
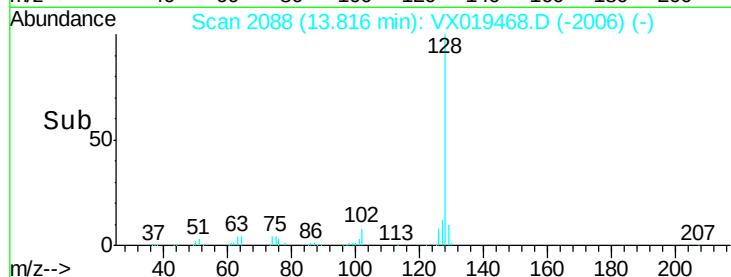
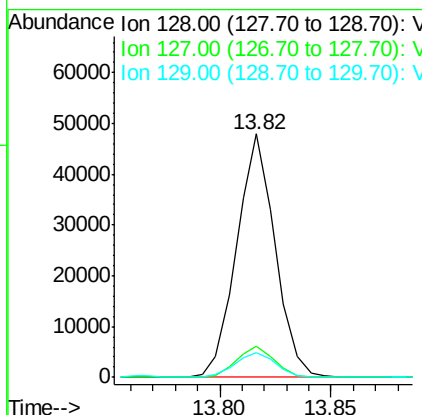
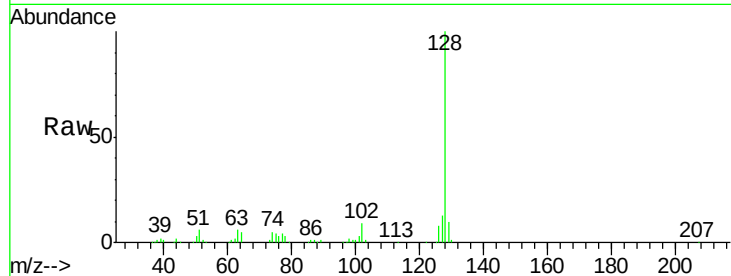
#91
Naphthalene
Concen: 3.948 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.6	8.6	12.8

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#92
1,2,3-Trichlorobenzene
Concen: 4.481 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	0.0	192.2
145	32.5	0.0	63.6

