

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019451.D
 Acq On : 18 Nov 2020 13:21
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:57:53 AM

Quant Time: Nov 18 16:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	211348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	369720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	340746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	149959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	1946	1.028 ug/l	99
3) Chloromethane	1.31	50	3045	1.415 ug/l #	75
4) Vinyl Chloride	1.39	62	2574	1.067 ug/l	95
6) Chloroethane	1.70	64	1452	1.048 ug/l	91
7) Trichlorofluoromethane	1.90	101	3692	1.005 ug/l	91
8) Diethyl Ether	2.17	74	1531	1.080 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.35	101	2173	1.068 ug/l	98
12) 1,1-Dichloroethene	2.34	96	2360	1.131 ug/l	83
14) Allyl chloride	2.70	41	3674	1.125 ug/l	88
15) Acrylonitrile	3.12	53	6087	5.120 ug/l	94
16) Acetone	2.42	43	6707	6.703 ug/l	95
17) Carbon Disulfide	2.54	76	5318	0.838 ug/l #	93
18) Methyl Acetate	2.75	43	3107	1.275 ug/l	96
19) Methyl tert-butyl Ether	3.17	73	7108	0.972 ug/l	94
20) Methylene Chloride	2.83	84	3174	1.299 ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	2138	0.889 ug/l	92
22) Diisopropyl ether	3.82	45	6986	1.067 ug/l #	96
23) Vinyl Acetate	3.78	43	26876	4.631 ug/l	96
24) 1,1-Dichloroethane	3.67	63	4245	1.057 ug/l	99
25) 2-Butanone	4.64	43	8291	5.275 ug/l	99
26) 2,2-Dichloropropane	4.55	77	3556	0.954 ug/l	95
27) cis-1,2-Dichloroethene	4.56	96	2452	0.913 ug/l	72
28) Bromochloromethane	4.98	49	2346	1.266 ug/l #	94
29) Tetrahydrofuran	5.09	42	5562	5.626 ug/l	97
30) Chloroform	5.17	83	4489	1.060 ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	3618	0.947 ug/l #	49
36) 1,1-Dichloropropene	5.76	75	3380	0.972 ug/l	97
37) Ethyl Acetate	4.79	43	3192	0.966 ug/l	97
38) Carbon Tetrachloride	5.75	117	3222	0.917 ug/l	88
39) Methylcyclohexane	7.44	83	3409	0.827 ug/l	96
40) Benzene	6.10	78	9678	0.975 ug/l	94
41) Methacrylonitrile	5.01	41	2071	1.165 ug/l #	84
42) 1,2-Dichloroethane	6.15	62	3700	1.004 ug/l	99
43) Isopropyl Acetate	6.41	43	5936	1.079 ug/l	96

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.18	130	2423	0.870	ug/l	100
45) 1,2-Dichloropropane	7.49	63	2528	1.028	ug/l	89
46) Dibromomethane	7.63	93	1571	0.878	ug/l	94
47) Bromodichloromethane	7.87	83	2833	0.806	ug/l	100
48) Methyl methacrylate	7.75	41	2499	0.940	ug/l	92
49) 1,4-Dioxane	7.73	88	944	16.253	ug/l #	56
51) 4-Methyl-2-Pentanone	8.62	43	15255	4.773	ug/l	98
52) Toluene	8.76	92	5172	0.811	ug/l	91
53) t-1,3-Dichloropropene	9.02	75	2923	0.727	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	3273	0.772	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	2349	0.931	ug/l	95
56) Ethyl methacrylate	9.16	69	2688	0.710	ug/l	89
57) 1,3-Dichloropropane	9.35	76	4137	0.967	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.29	63	8786	4.097	ug/l	98
59) 2-Hexanone	9.48	43	11388	4.669	ug/l	91
60) Dibromochloromethane	9.56	129	1858	0.692	ug/l	92
61) 1,2-Dibromoethane	9.65	107	2349	0.875	ug/l	97
64) Tetrachloroethene	9.32	164	2465	0.938	ug/l	91
65) Chlorobenzene	10.12	112	6138	0.876	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	1834	0.725	ug/l #	57
67) Ethyl Benzene	10.23	91	10326	0.821	ug/l	97
68) m/p-Xylenes	10.34	106	7051	1.498	ug/l	97
69) o-Xylene	10.68	106	3355	0.752	ug/l	96
70) Styrene	10.69	104	5340	0.702	ug/l	98
71) Bromoform	10.84	173	1246	0.633	ug/l #	91
73) Isopropylbenzene	11.00	105	8895	0.828	ug/l	97
74) N-amyl acetate	10.88	43	3701	0.919	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.25	83	3316	0.975	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	3261m	1.025	ug/l	
77) Bromobenzene	11.24	156	2167	0.826	ug/l	98
78) n-propylbenzene	11.34	91	10059	0.818	ug/l	99
79) 2-Chlorotoluene	11.40	91	6164	0.847	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	7212	0.792	ug/l	100
82) 4-Chlorotoluene	11.49	91	7320	0.825	ug/l	100
83) tert-Butylbenzene	11.75	119	6565	0.762	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	6928	0.754	ug/l	95
85) sec-Butylbenzene	11.93	105	7812	0.750	ug/l	99
86) p-Isopropyltoluene	12.05	119	6746	0.704	ug/l	89
87) 1,3-Dichlorobenzene	12.01	146	4179	0.847	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	4523m	0.879	ug/l	
89) n-Butylbenzene	12.37	91	6915	0.766	ug/l	94
90) Hexachloroethane	12.58	117	1125	0.699	ug/l	89
91) 1,2-Dichlorobenzene	12.37	146	4201	0.882	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	748	0.908	ug/l	81
93) 1,2,4-Trichlorobenzene	13.62	180	2274	0.651	ug/l	98
94) Hexachlorobutadiene	13.76	225	1096	0.710	ug/l	94
95) Naphthalene	13.82	128	6390	0.572	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	2137	0.627	ug/l	95

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MSVOA_X
ClientSampleId :
VSTDICC001

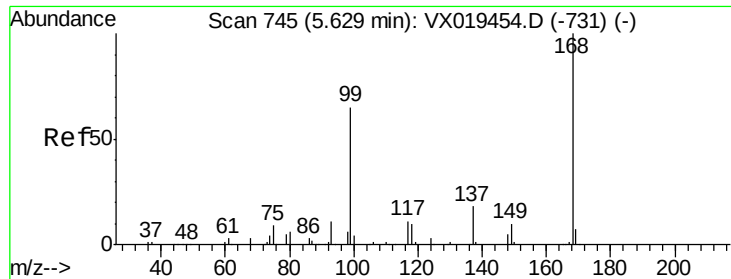
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 211348

Ion Ratio Lower Upper

168 100

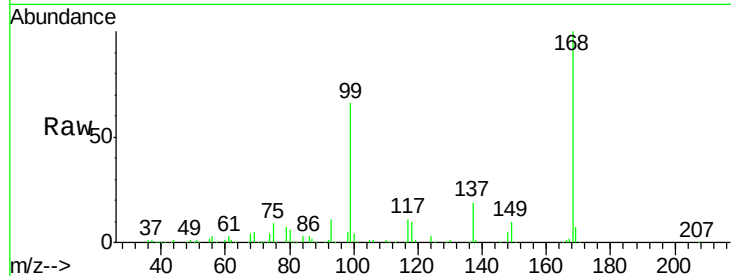
99 66.3 52.1 78.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

60000

40000

20000

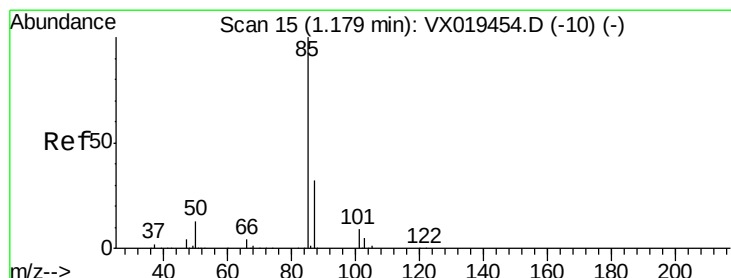
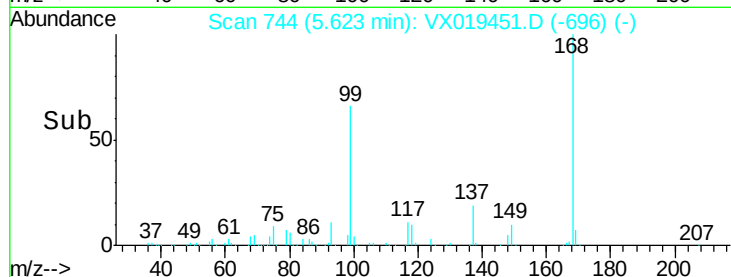
0

Time-->

5.50

5.60

5.70



#2

Dichlorodifluoromethane

Concen: 1.028 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX019451.D

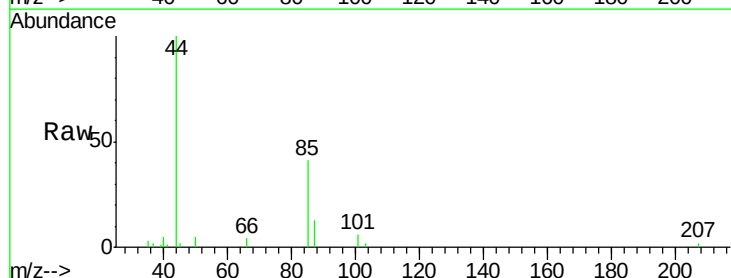
Acq: 18 Nov 2020 13:21

Tgt Ion: 85 Resp: 1946

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

2000

1500

1000

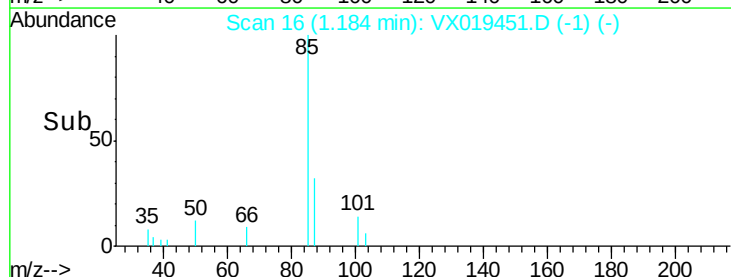
500

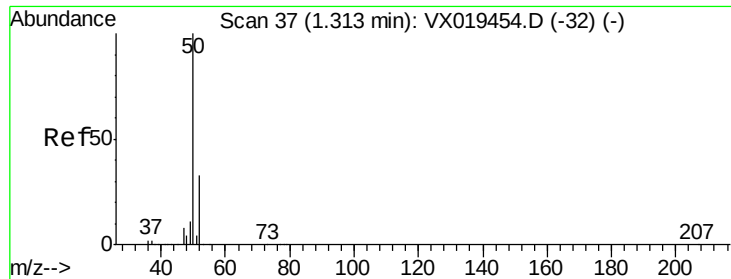
0

Time-->

1.15

1.20





#3

Chloromethane

Concen: 1.415 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3045

Ion Ratio Lower Upper

50 100

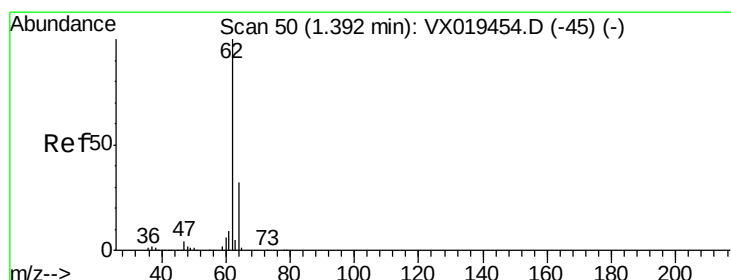
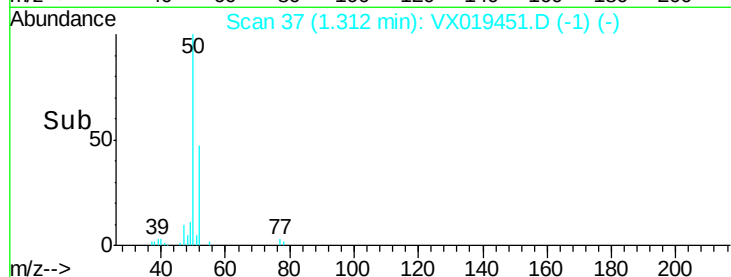
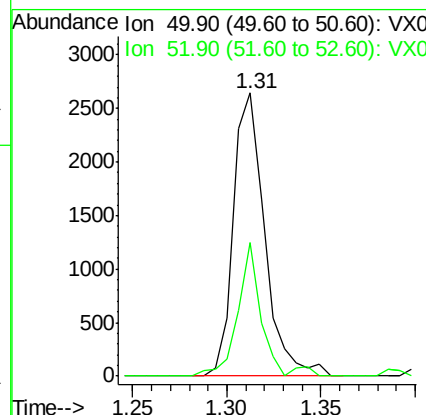
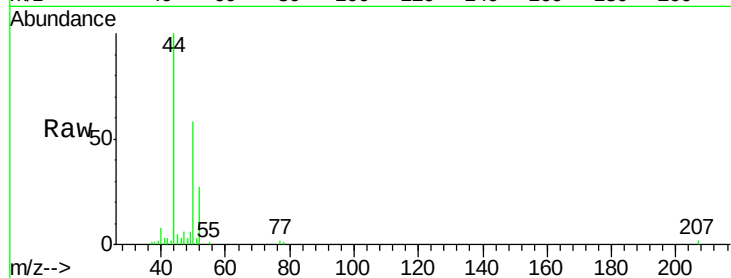
52 47.1 26.4 39.6#

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#4

Vinyl Chloride

Concen: 1.067 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019451.D

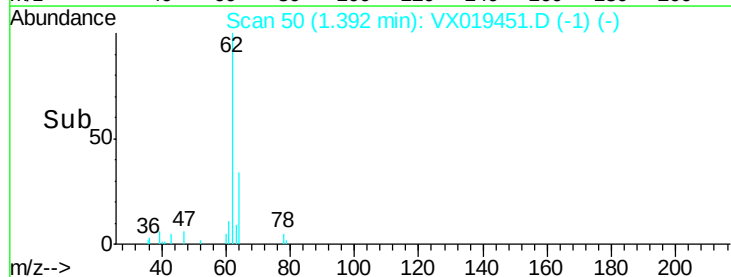
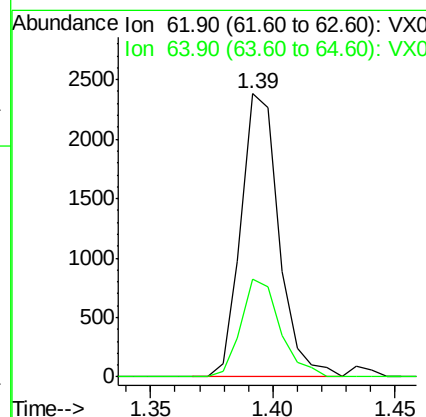
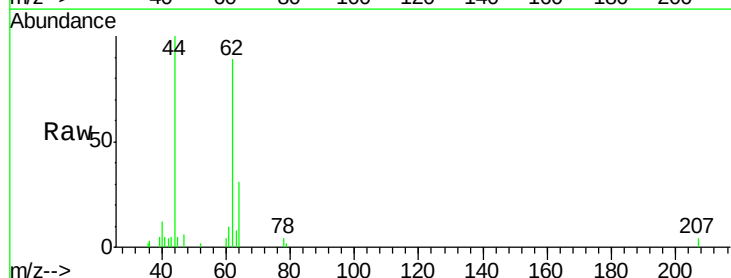
Acq: 18 Nov 2020 13:21

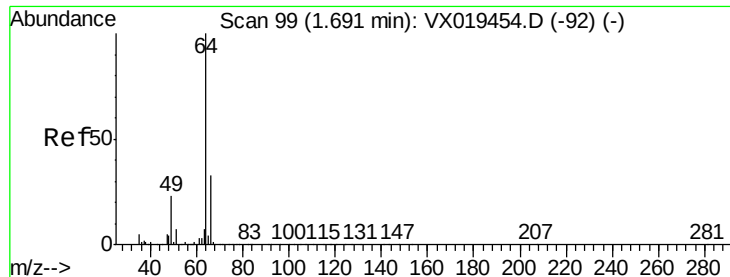
Tgt Ion: 62 Resp: 2574

Ion Ratio Lower Upper

62 100

64 34.4 25.3 37.9





#6

Chloroethane

Concen: 1.048 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1452

Ion Ratio Lower Upper

64 100

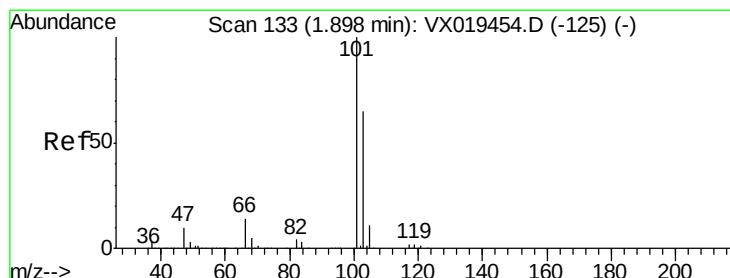
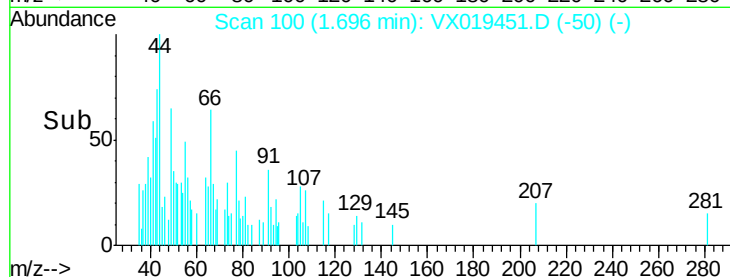
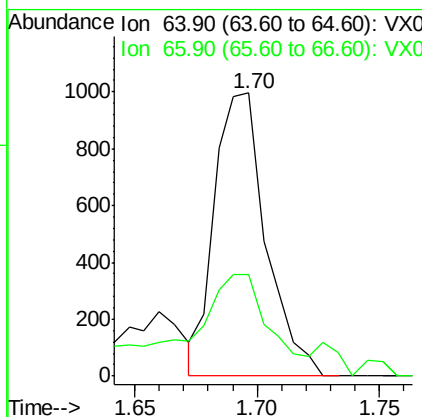
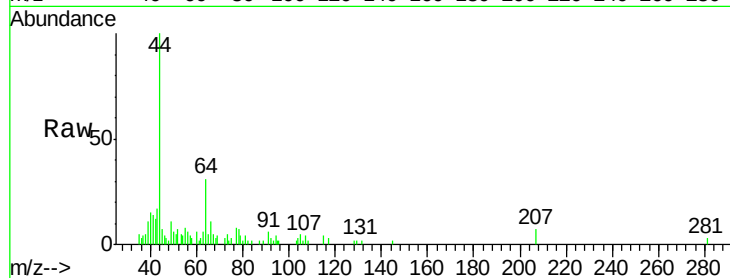
66 27.3 26.1 39.1

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.005 ug/l

RT: 1.90 min Scan# 133

Delta R.T. -0.00 min

Lab File: VX019451.D

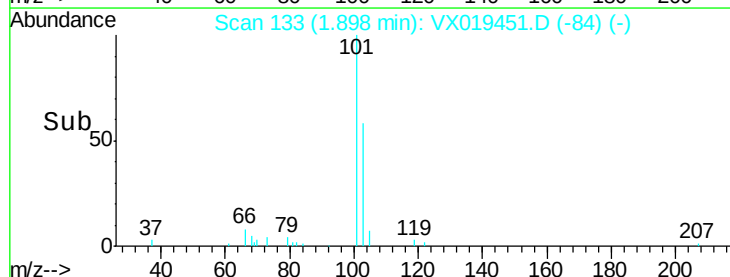
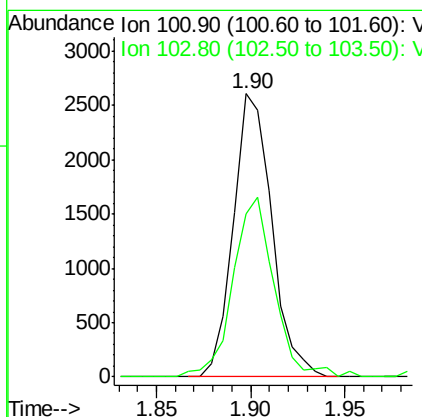
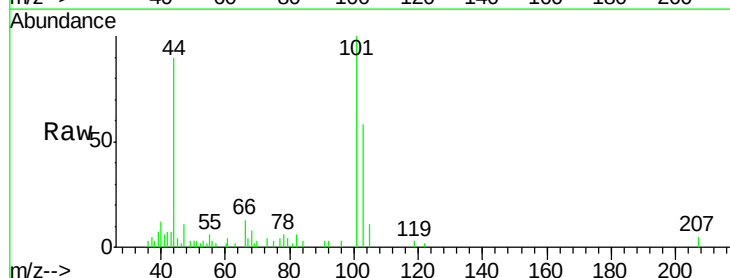
Acq: 18 Nov 2020 13:21

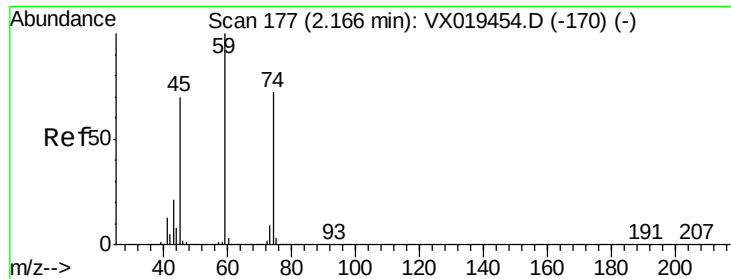
Tgt Ion: 101 Resp: 3692

Ion Ratio Lower Upper

101 100

103 57.8 51.8 77.8





#8

Diethyl Ether

Concen: 1.080 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1531

Ion Ratio Lower Upper

74 100

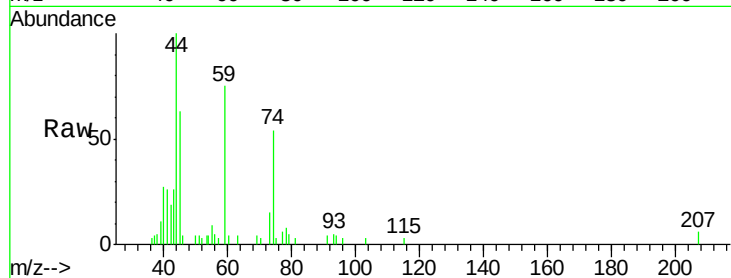
45 96.5 48.8 146.3

Manual Integrations

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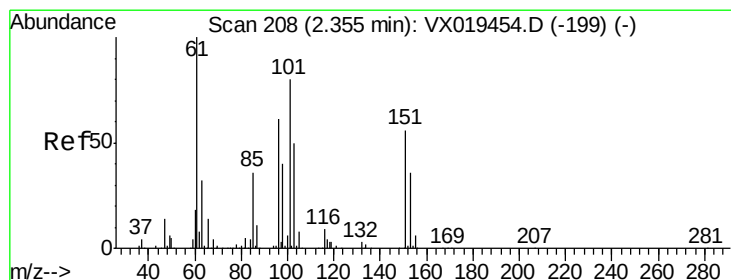
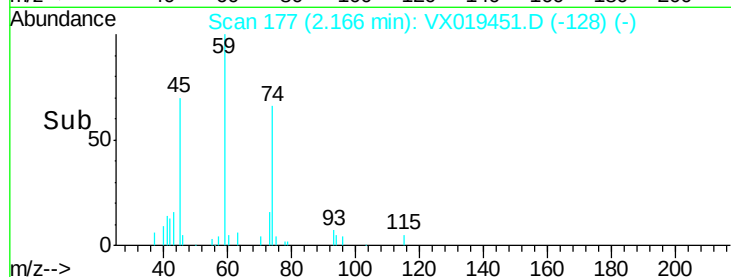
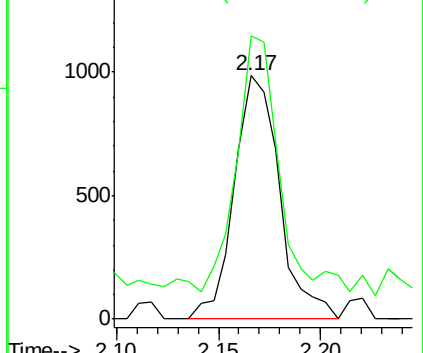
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.068 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

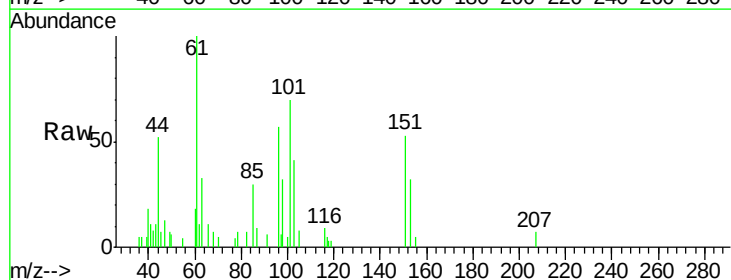
Tgt Ion: 101 Resp: 2173

Ion Ratio Lower Upper

101 100

85 46.8 36.9 55.3

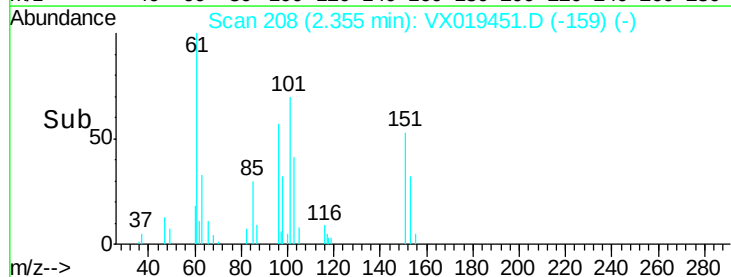
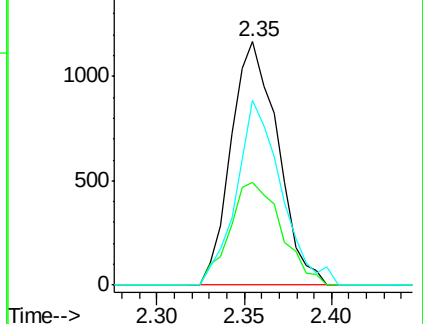
151 72.8 56.8 85.2

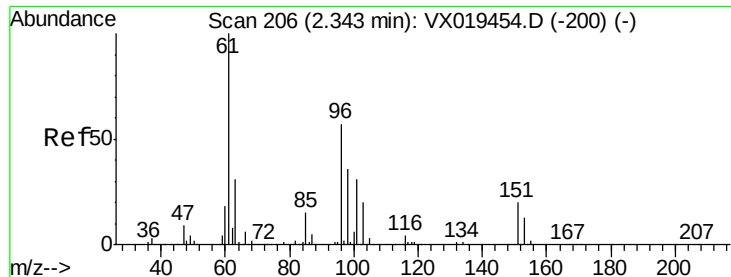


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





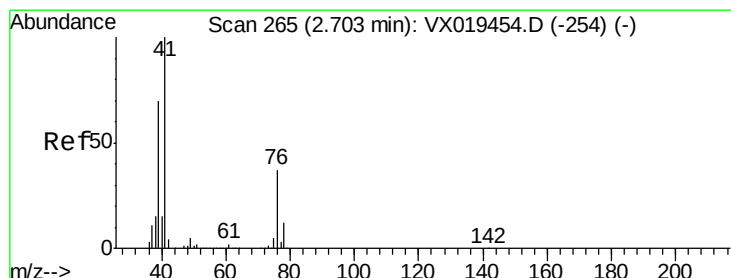
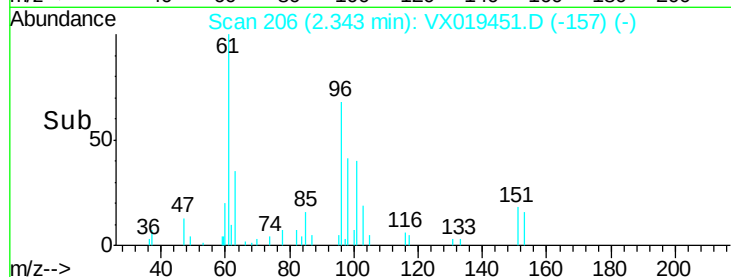
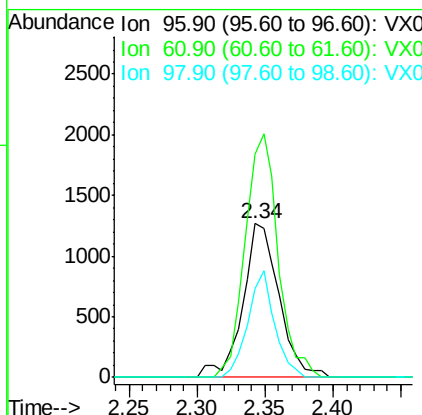
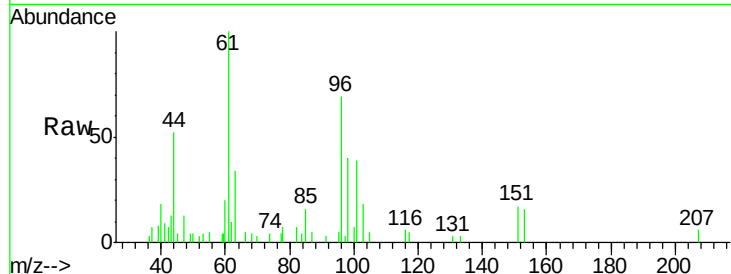
#12
 1,1-Dichloroethene
 Concen: 1.131 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.4	139.2	208.8
98	58.0	50.3	75.5

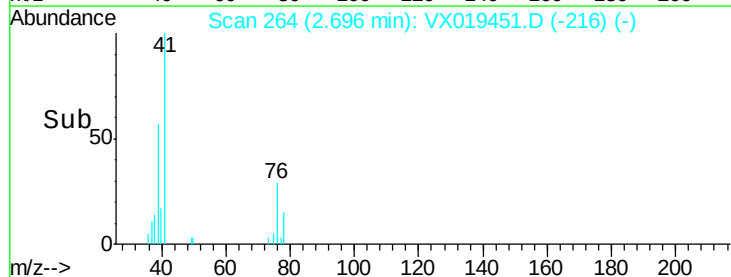
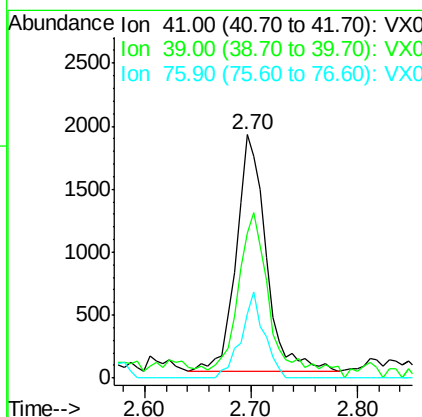
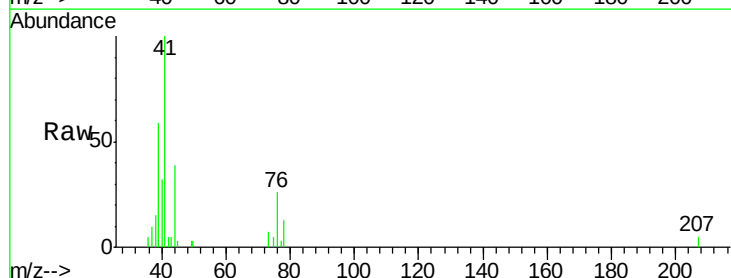
Manual Integrations
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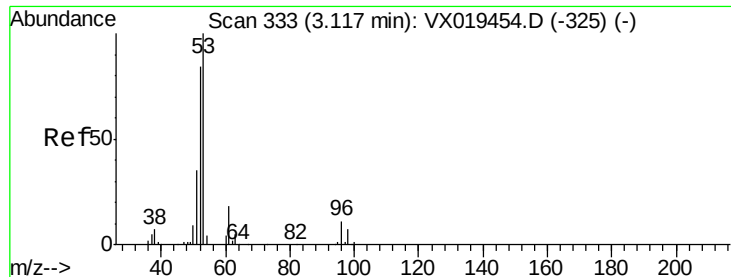
MMDadoda
 11/19/2020 11:57:53 AM



#14
 Allyl chloride
 Concen: 1.125 ug/l
 RT: 2.70 min Scan# 264
 Delta R.T. -0.01 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.9	53.2	79.8
76	28.3	27.5	41.3





#15

Acrylonitrile

Concen: 5.120 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

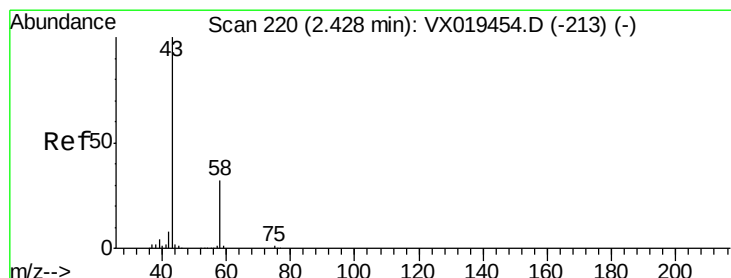
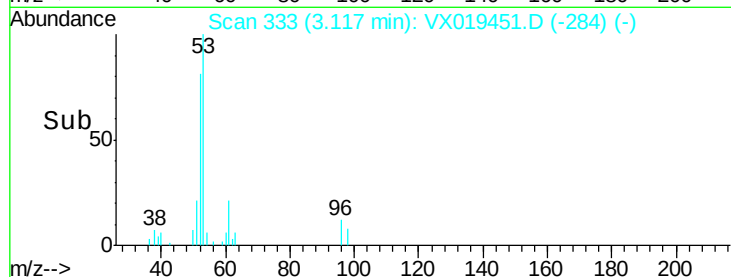
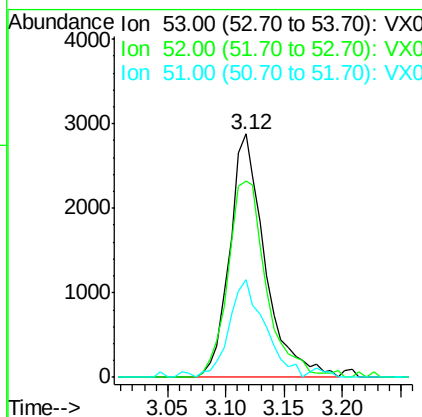
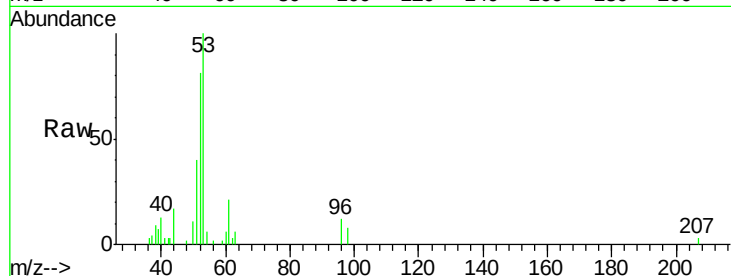
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	6087
Ion	Ratio	Lower	Upper
53	100		
52	87.0	66.3	99.5
51	40.2	28.5	42.7

Manual Integrations
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MMDadoda
11/19/2020 11:57:53 AM



#16

Acetone

Concen: 6.703 ug/l

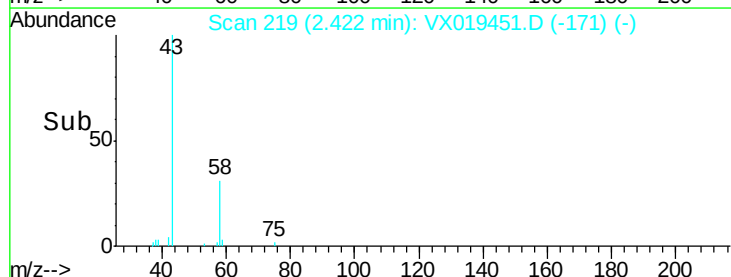
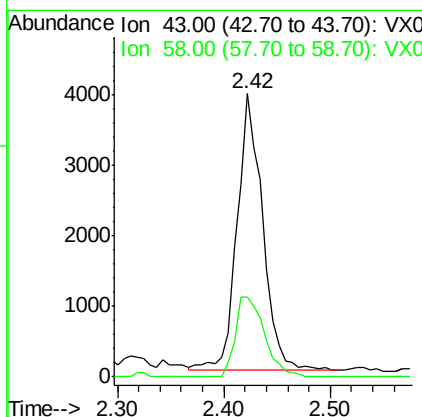
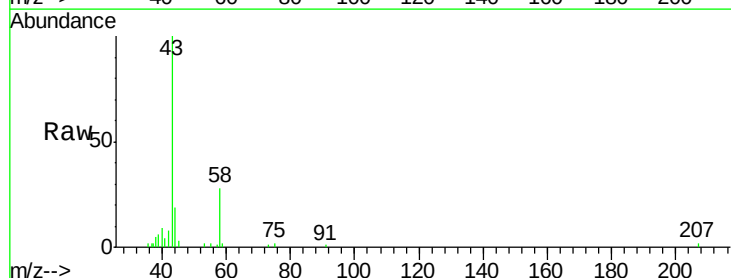
RT: 2.42 min Scan# 219

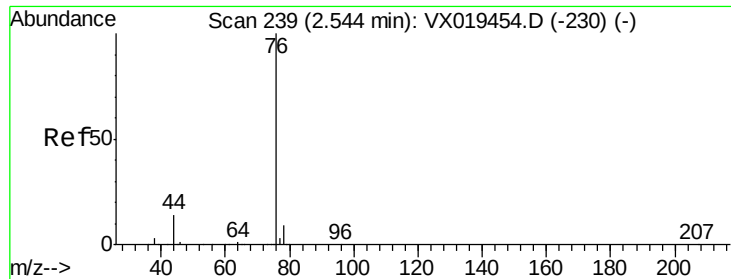
Delta R.T. -0.01 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Tgt Ion:	43	Resp:	6707
Ion	Ratio	Lower	Upper
43	100		
58	28.9	25.4	38.0





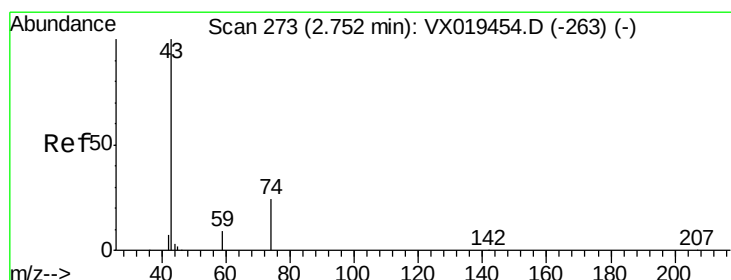
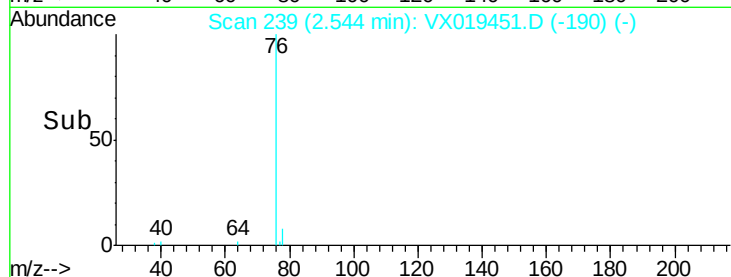
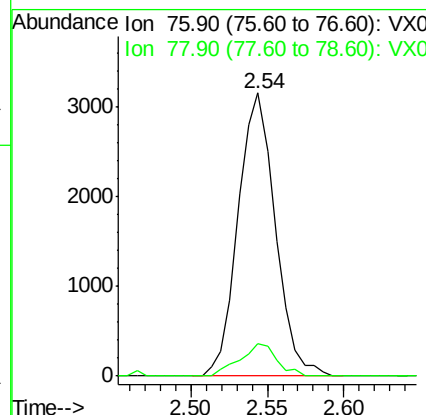
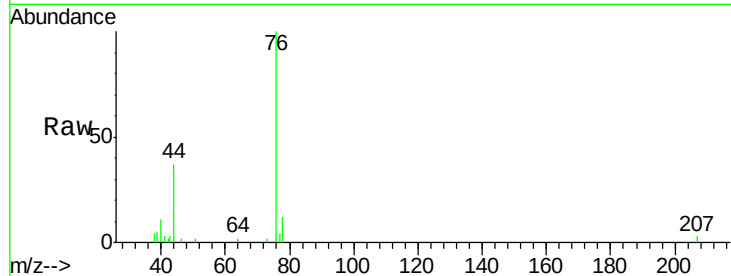
#17
Carbon Disulfide
Concen: 0.838 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	11.7	7.4	11.2#

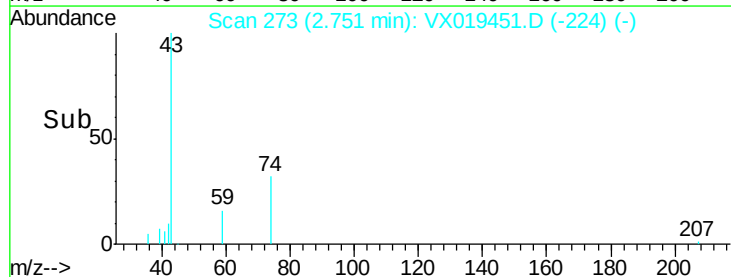
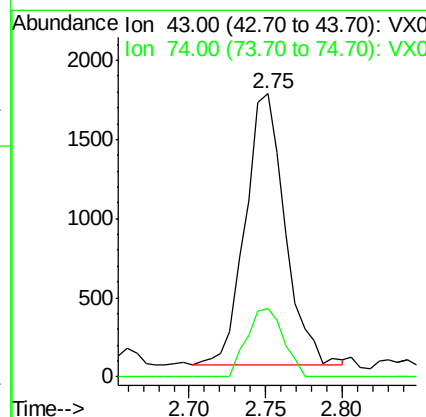
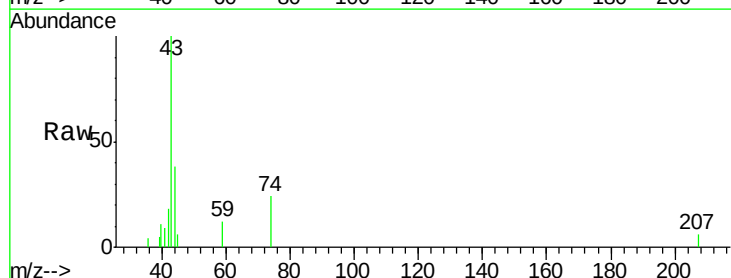
Manual Integrations
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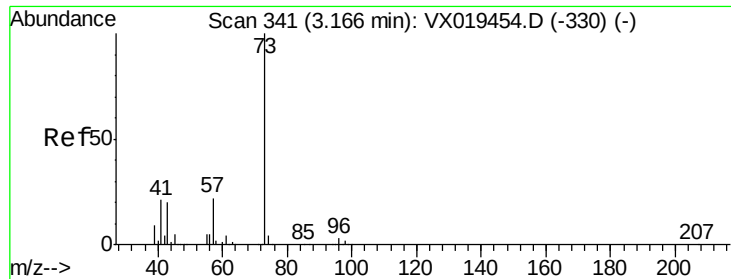
MMDadoda
11/19/2020 11:57:53 AM



#18
Methyl Acetate
Concen: 1.275 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.9	29.9





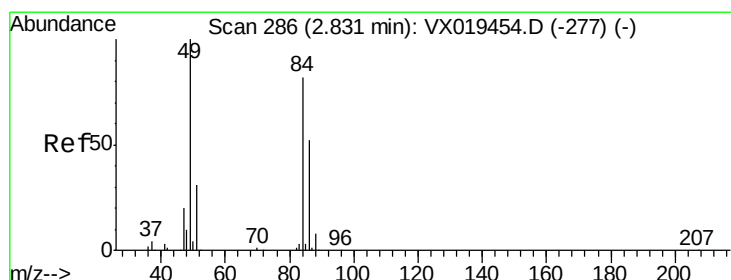
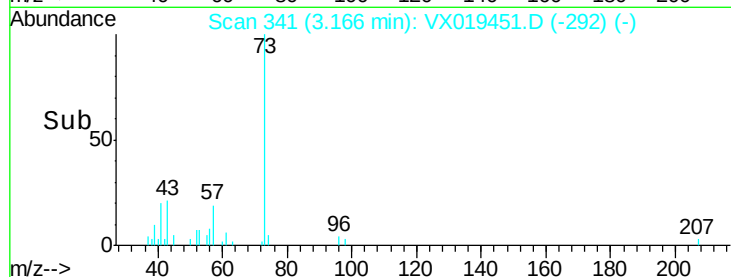
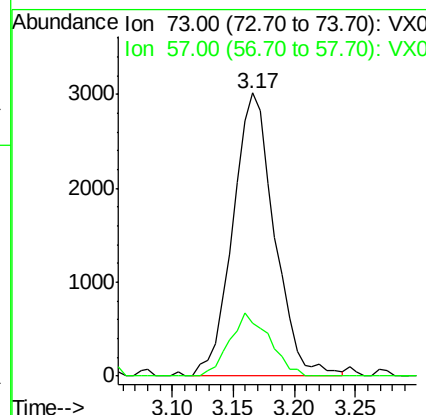
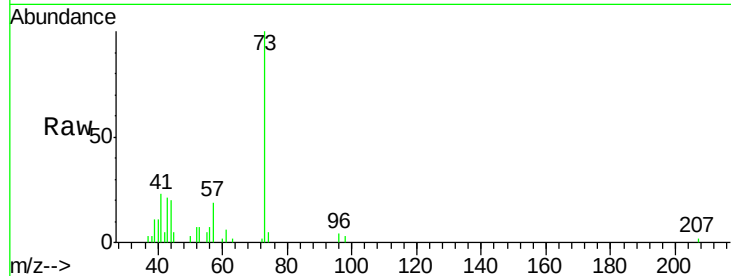
#19
Methyl tert-butyl Ether
Concen: 0.972 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.9	17.5	26.3

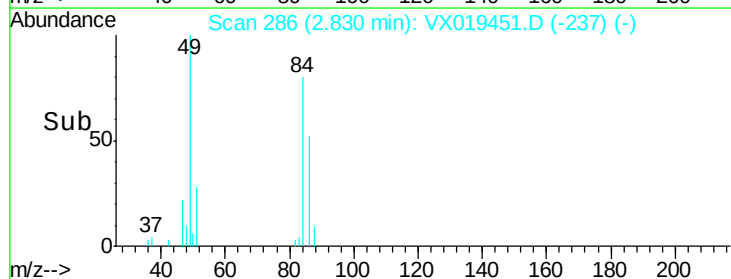
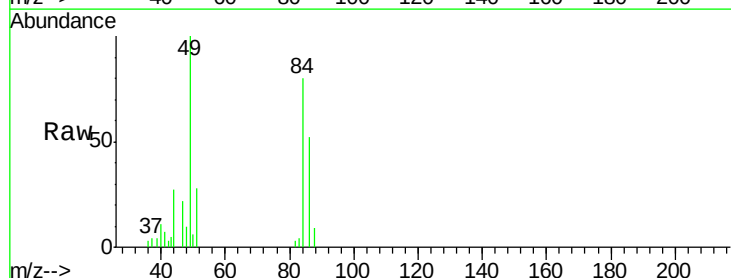
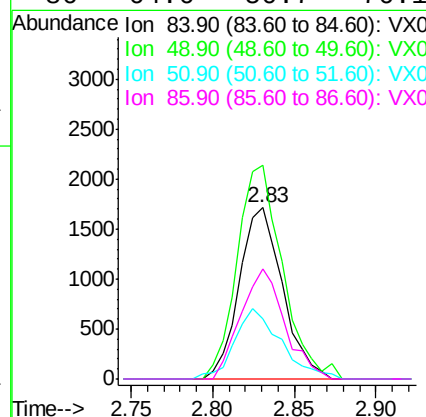
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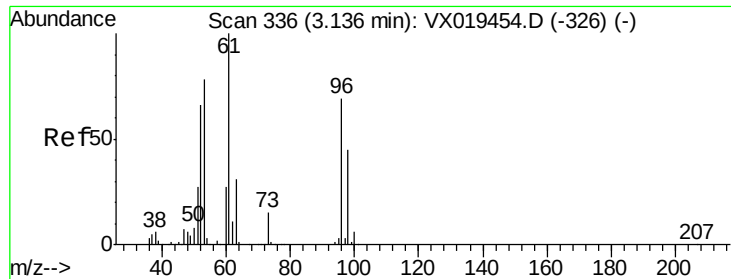
MMDadoda
11/19/2020 11:57:53 AM



#20
Methylene Chloride
Concen: 1.299 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.8	97.6	146.4
51	35.3	30.6	45.8
86	64.6	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 0.889 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

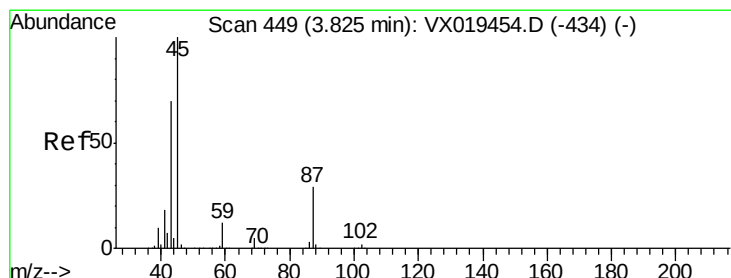
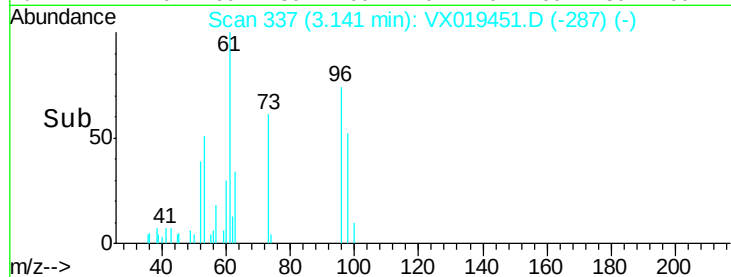
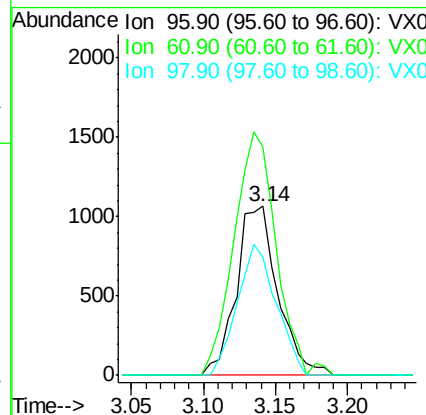
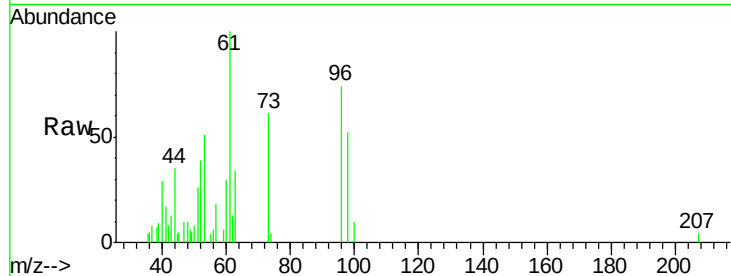
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2138
Ion	Ratio	Lower	Upper
96	100		
61	134.9	116.0	174.0
98	70.1	51.8	77.6

Manual Integrations
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11/19/2020 11:57:53 AM



#22

Diisopropyl ether

Concen: 1.067 ug/l

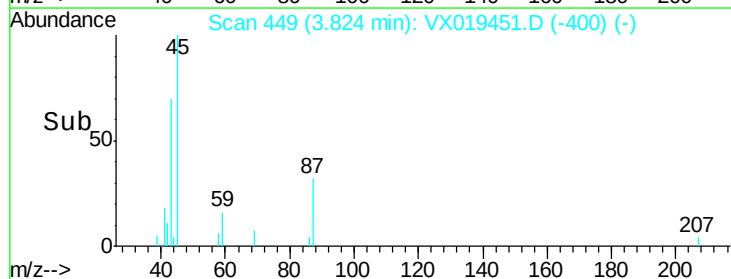
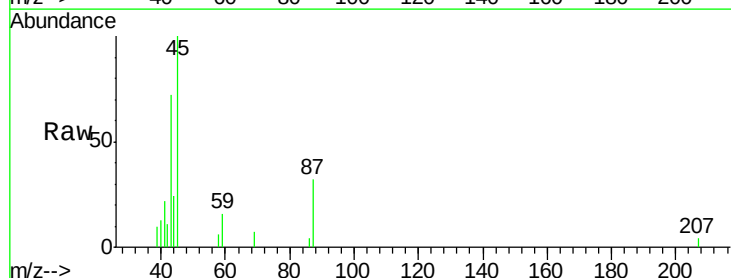
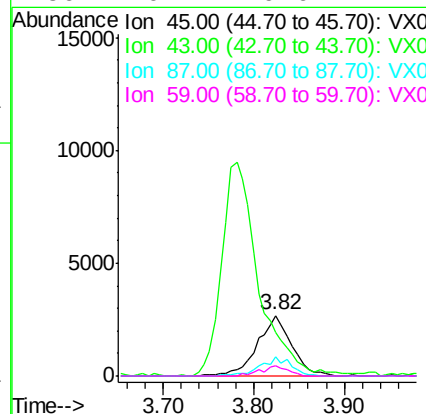
RT: 3.82 min Scan# 449

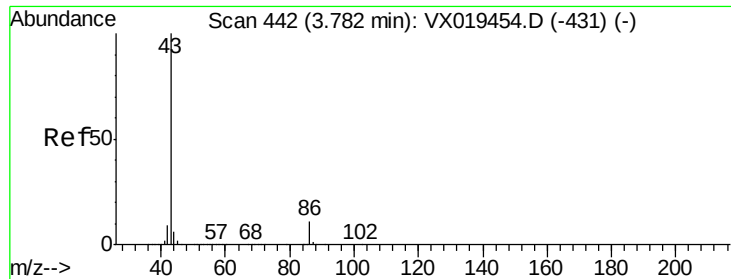
Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Tgt Ion:	45	Resp:	6986
Ion	Ratio	Lower	Upper
45	100		
43	71.8	56.6	84.8
87	31.9	22.9	34.3
59	16.4	9.6	14.4#





#23

Vinyl Acetate

Concen: 4.631 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 26876

Ion Ratio Lower Upper

43 100

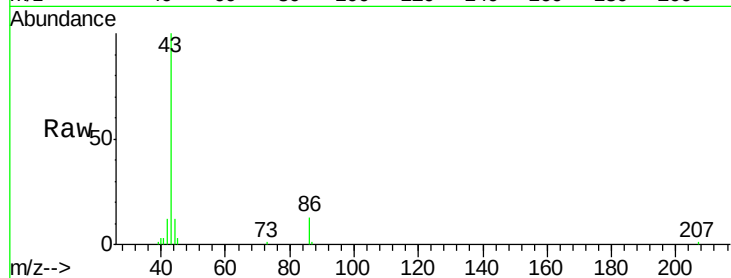
86 12.6 8.8 13.2

Manual Integrations

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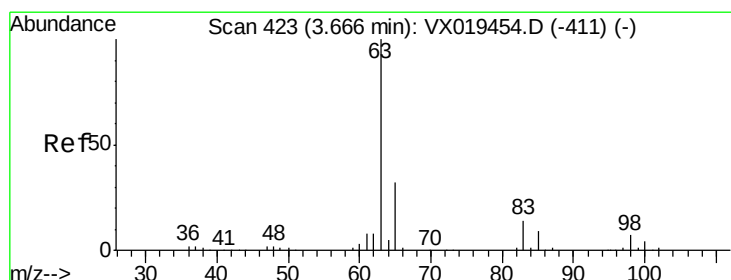
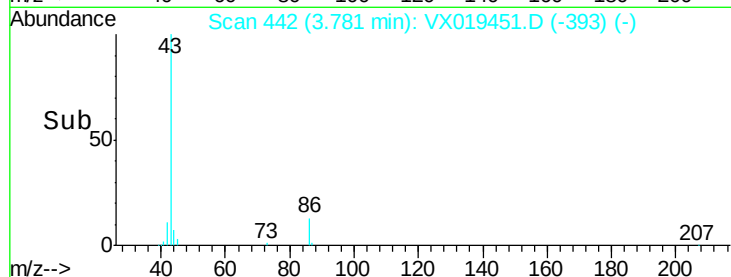
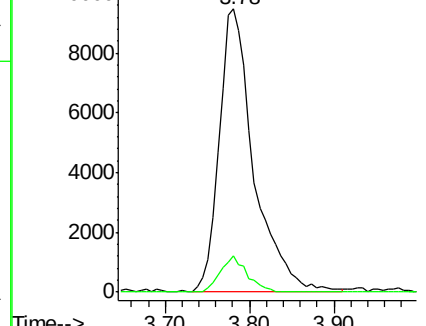
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.057 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

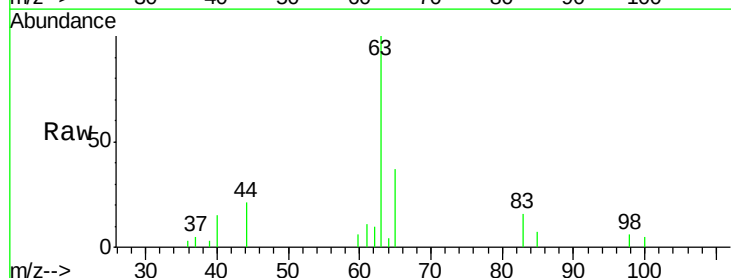
Tgt Ion: 63 Resp: 4245

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

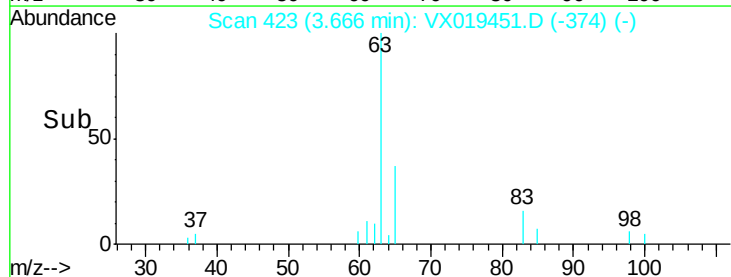
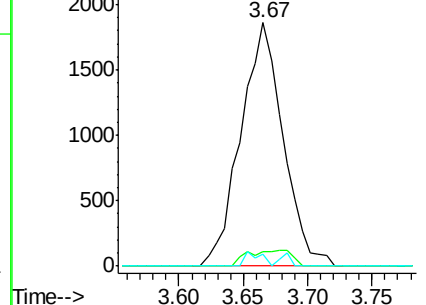
100 4.7 2.2 6.6

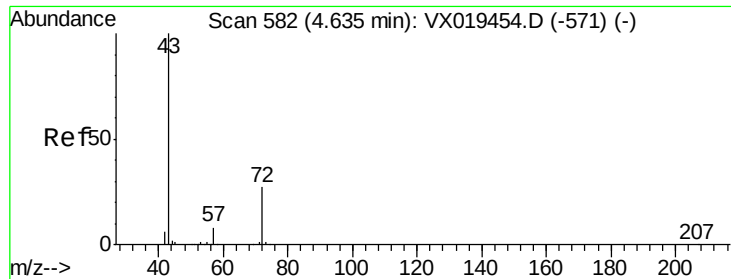


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.275 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 8291

Ion Ratio Lower Upper

43 100

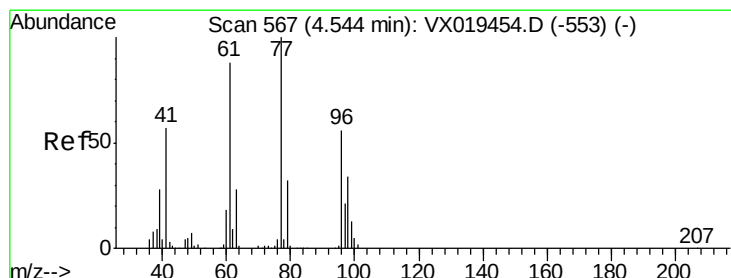
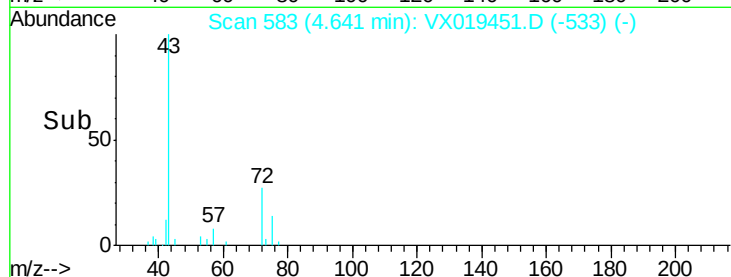
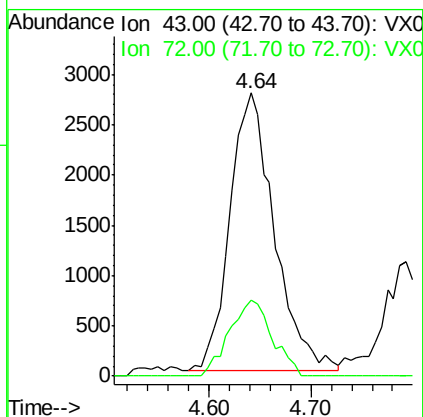
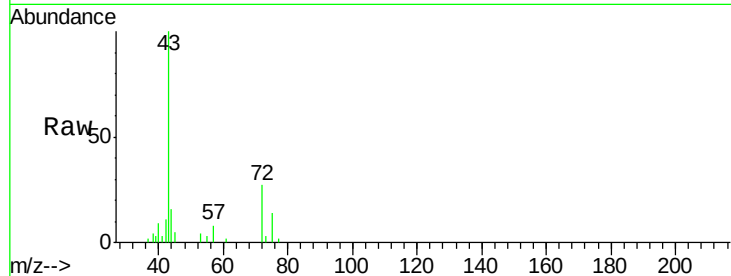
72 27.4 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 0.954 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019451.D

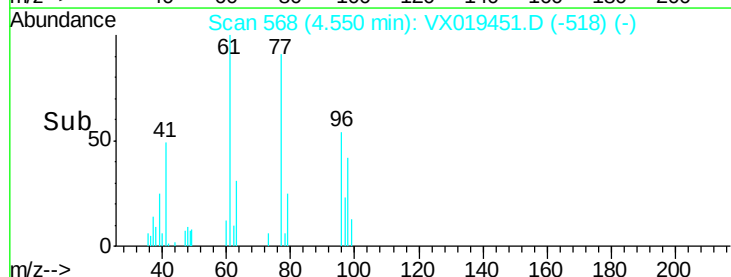
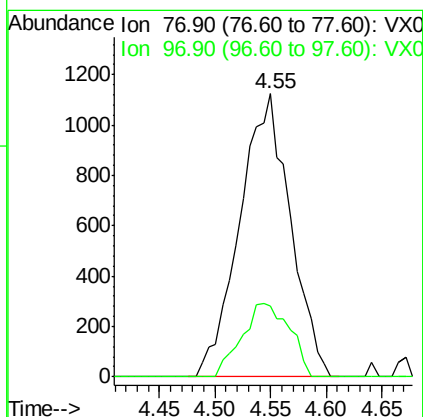
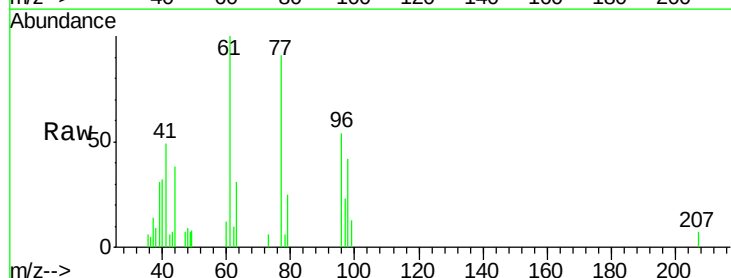
Acq: 18 Nov 2020 13:21

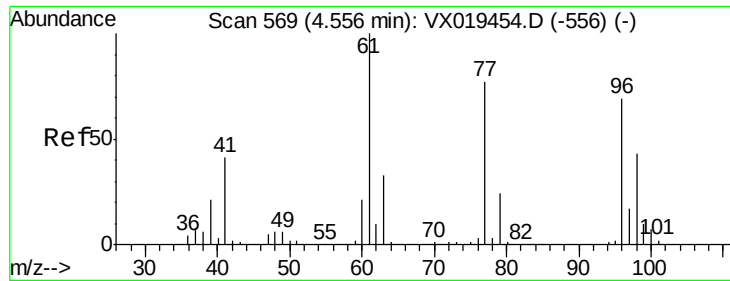
Tgt Ion: 77 Resp: 3556

Ion Ratio Lower Upper

77 100

97 24.4 10.9 32.9





#27

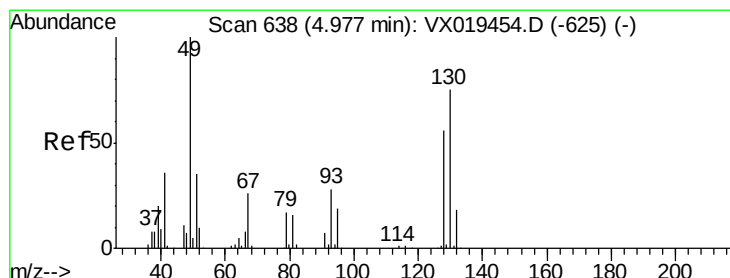
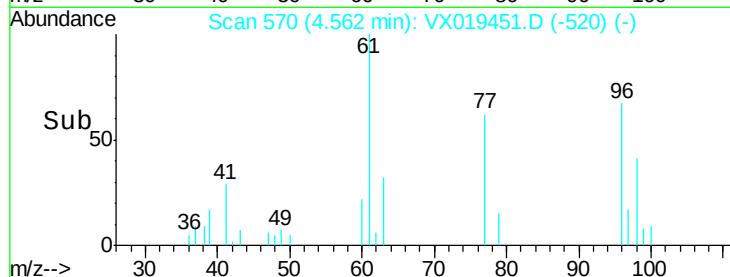
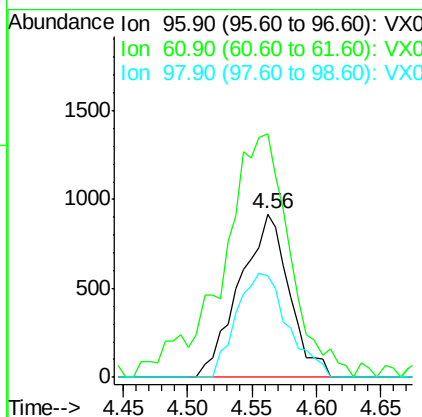
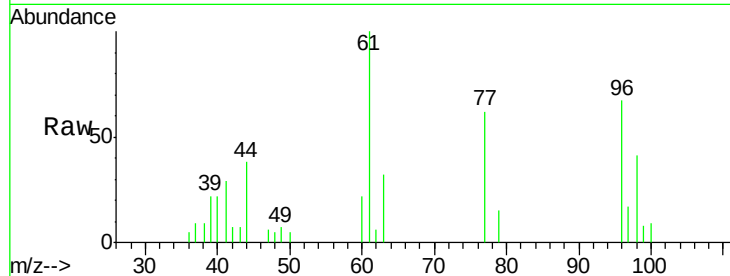
cis-1,2-Dichloroethene
Concen: 0.913 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	203.6	0.0	307.8
98	66.0	0.0	128.6

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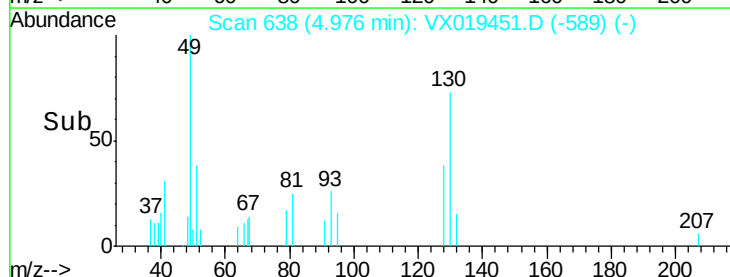
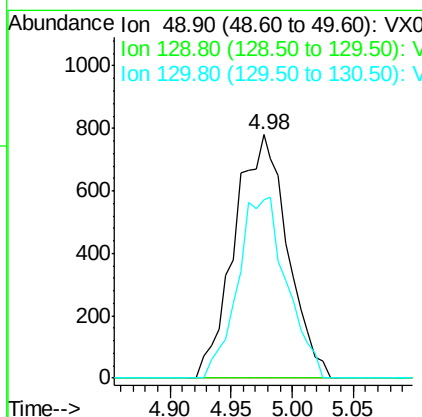
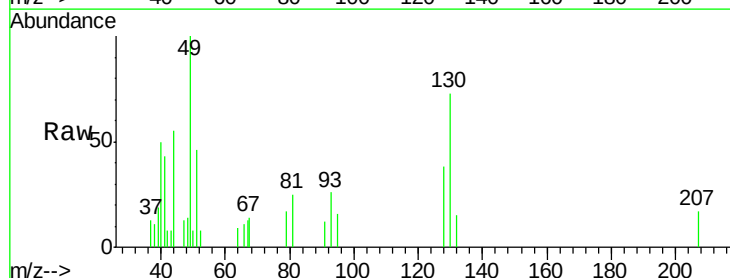
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11/19/2020 11:57:53 AM

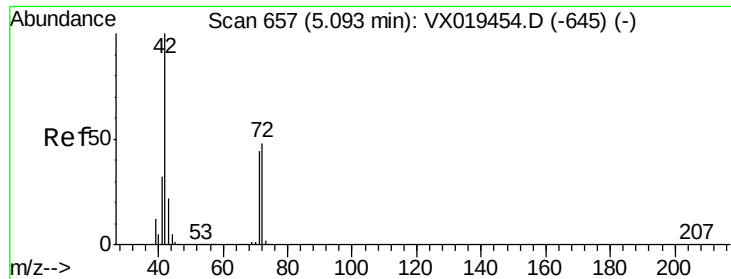


#28

Bromochloromethane
Concen: 1.266 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	68.6	59.2	88.8





#29

Tetrahydrofuran

Concen: 5.626 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

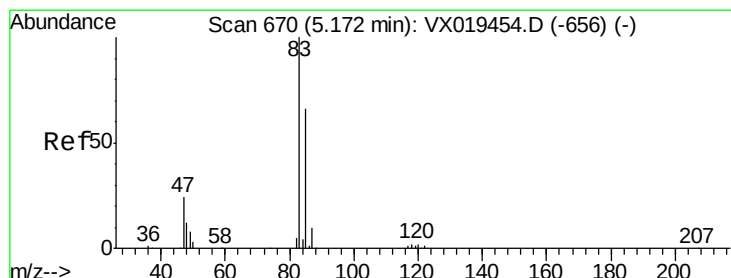
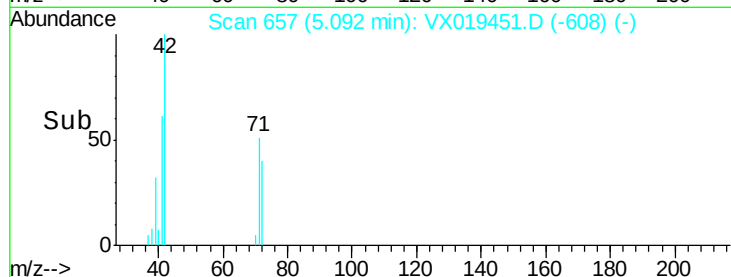
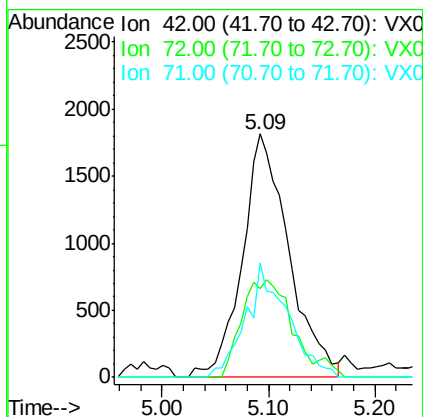
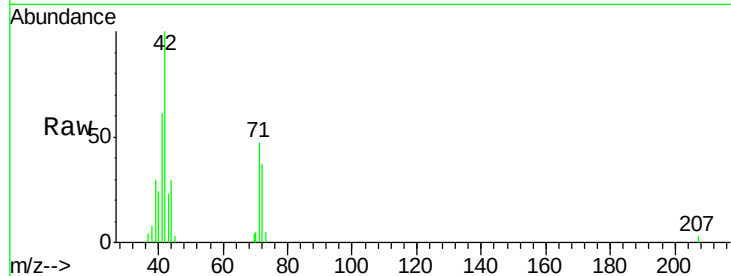
ClientSampleId :

VSTDIC001

Tot Ion:	42	Resp:	5562
Ion	Ratio	Lower	Upper
42	100		
72	44.4	38.1	57.1
71	41.9	34.6	51.8

Manual Integrations
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MMDadoda
11/19/2020 11:57:53 AM



#30

Chloroform

Concen: 1.060 ug/l

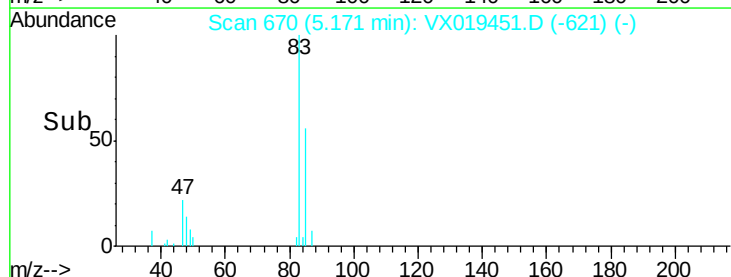
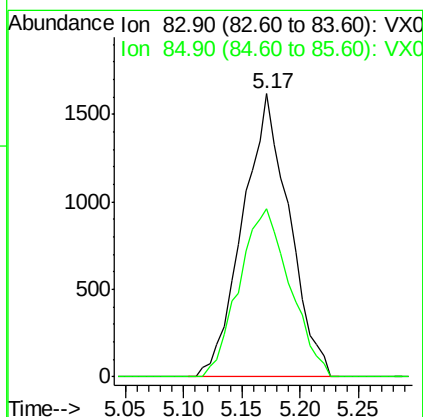
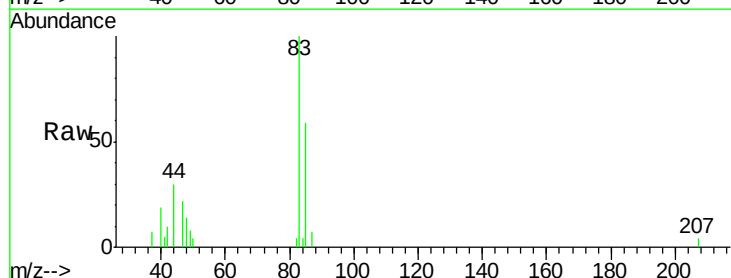
RT: 5.17 min Scan# 670

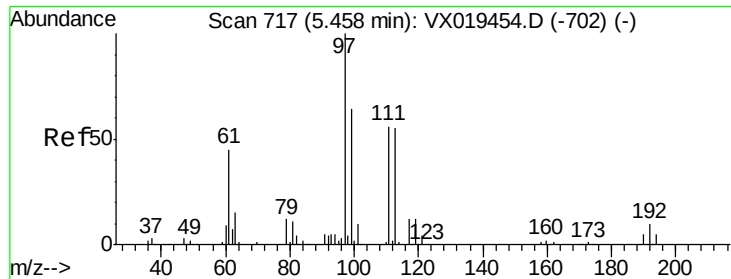
Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Tgt Ion:	83	Resp:	4489
Ion	Ratio	Lower	Upper
83	100		
85	59.2	52.4	78.6





#32

1,1,1-Trichloroethane

Concen: 0.947 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

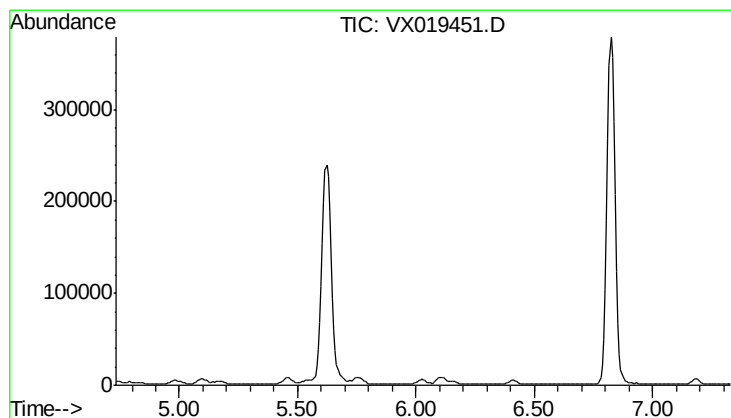
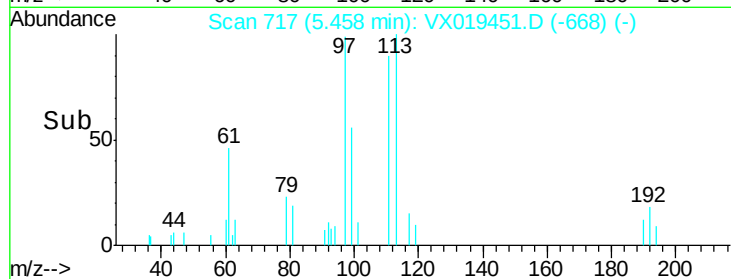
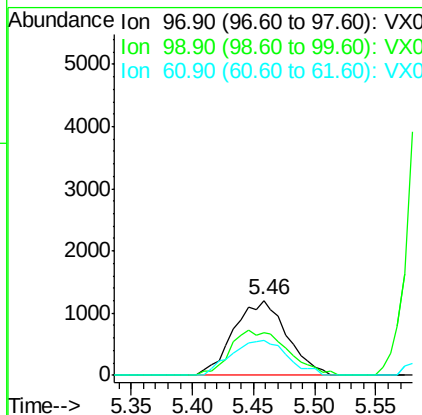
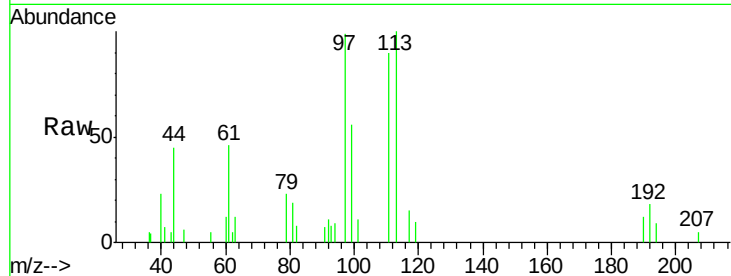
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	3618
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.9	77.9#
61	49.2	36.2	54.2

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX019451.D

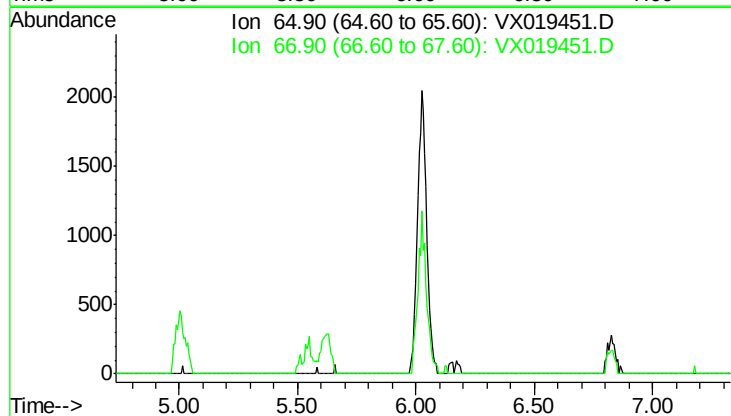
Acq: 18 Nov 2020 13:21

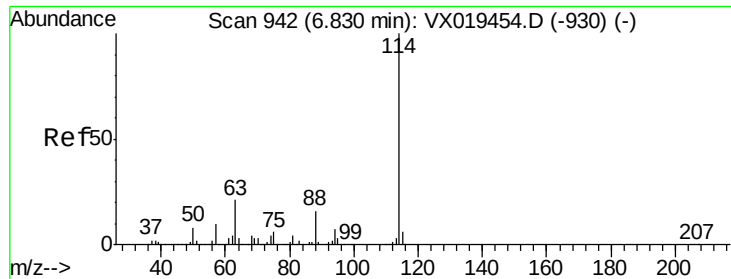
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.2





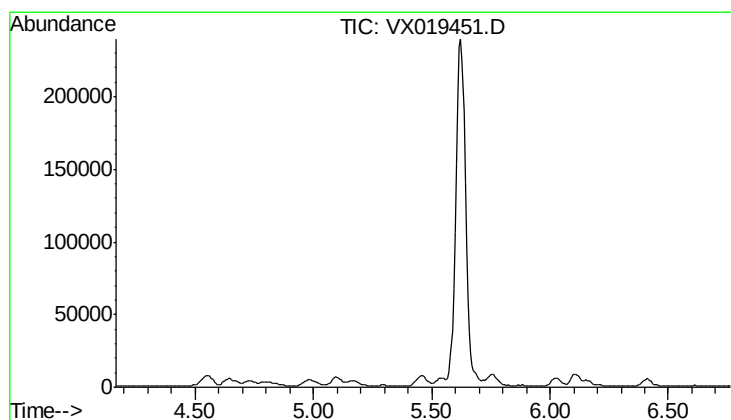
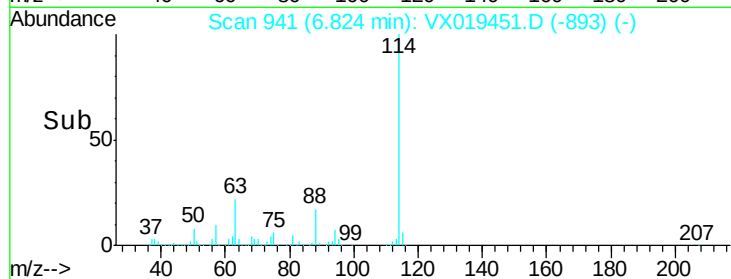
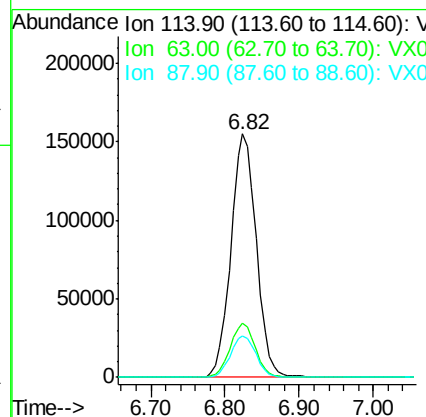
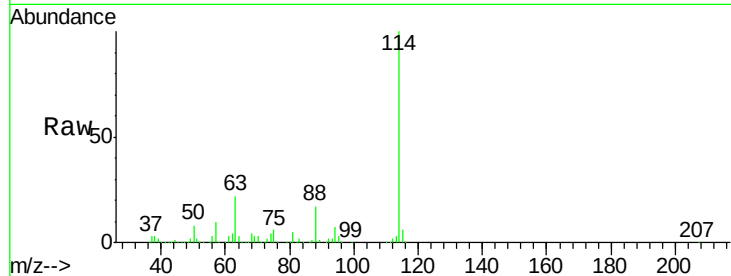
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.1	0.0	42.0
88	17.0	0.0	32.0

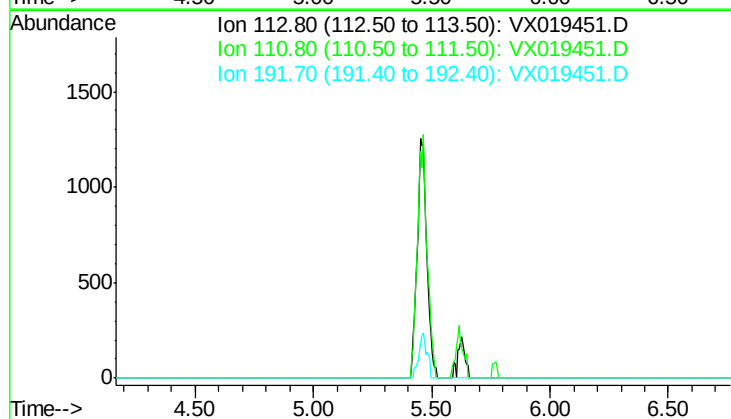
Manual Integrations
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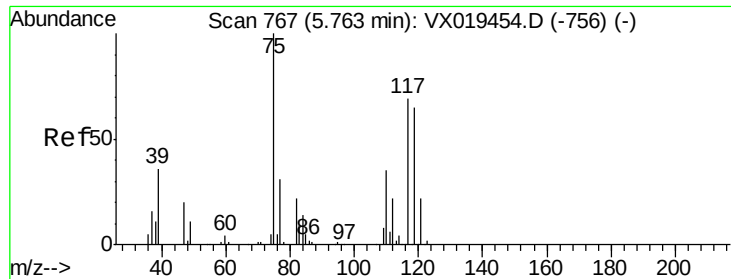
MMDadoda
 11/19/2020 11:57:53 AM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.46 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Tgt Ion	Exp Ratio
113	100
111	102.8
192	17.8





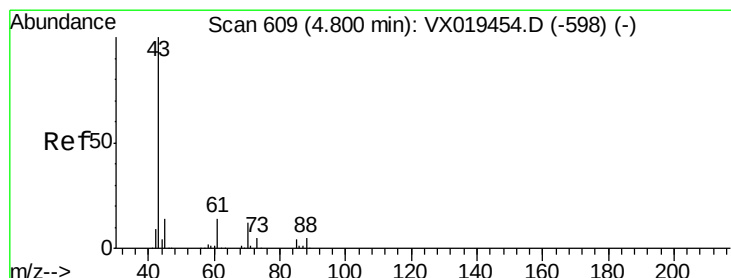
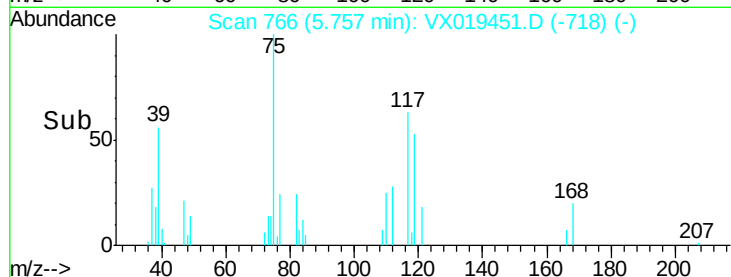
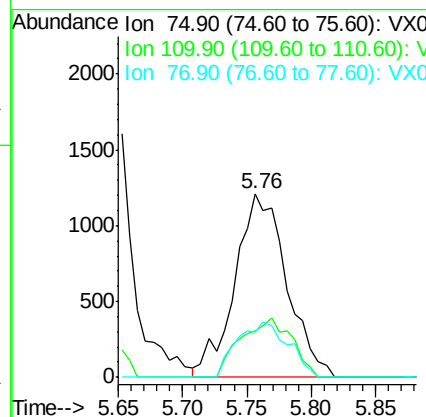
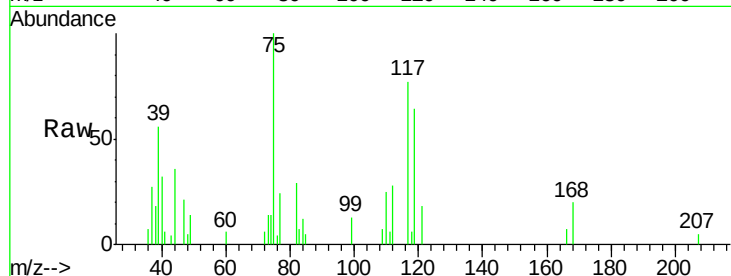
#36
 1,1-Dichloropropene
 Concen: 0.972 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.8	17.0	50.9
77	29.8	24.7	37.1

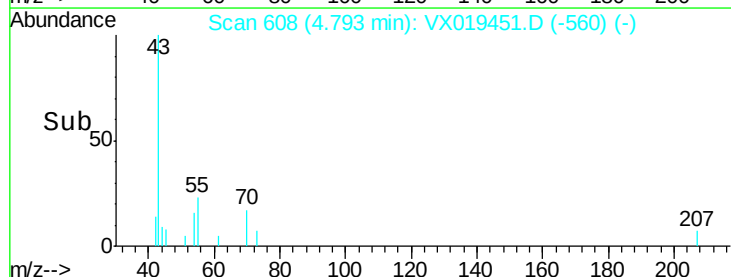
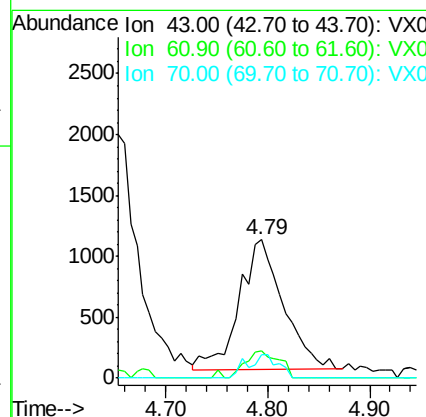
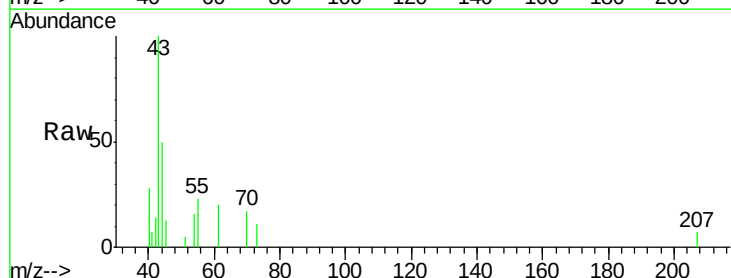
Manual Integrations
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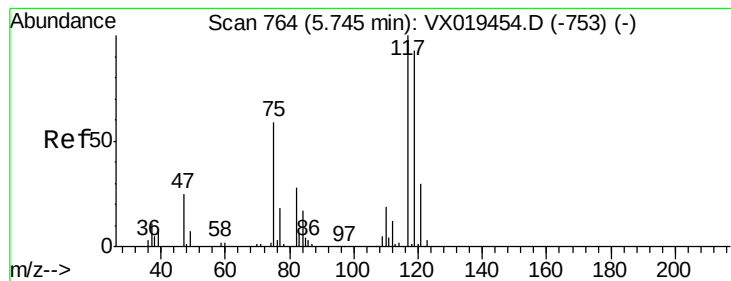
MMDadoda
 11/19/2020 11:57:53 AM



#37
 Ethyl Acetate
 Concen: 0.966 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.6	17.4
70	12.5	9.2	13.8





#38

Carbon Tetrachloride

Concen: 0.917 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.01 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

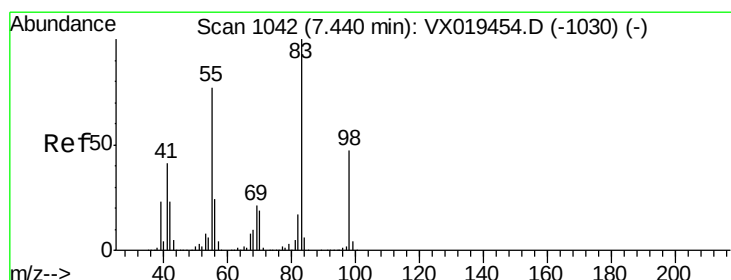
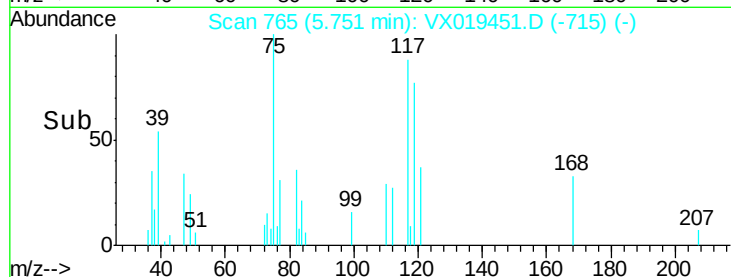
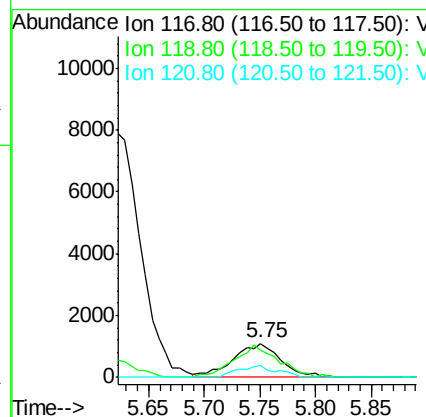
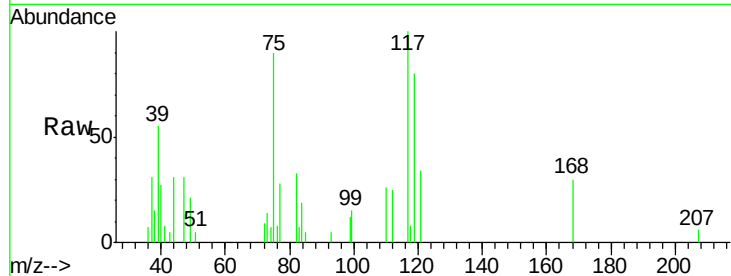
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	3222
Ion	Ratio	Lower	Upper
117	100		
119	80.2	74.1	111.1
121	33.6	23.6	35.4

Manual Integrations
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#39

Methylcyclohexane

Concen: 0.827 ug/l

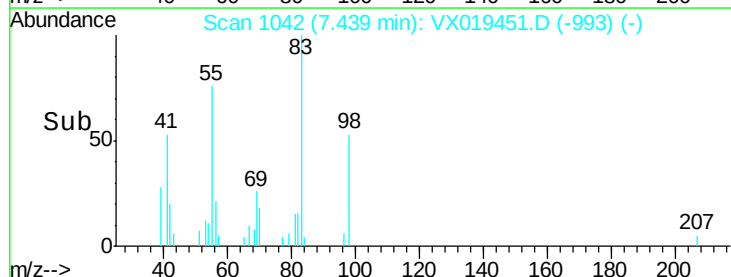
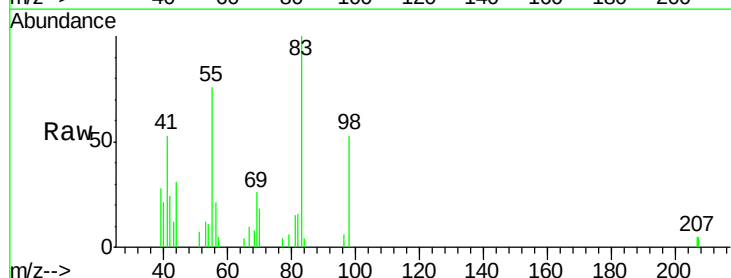
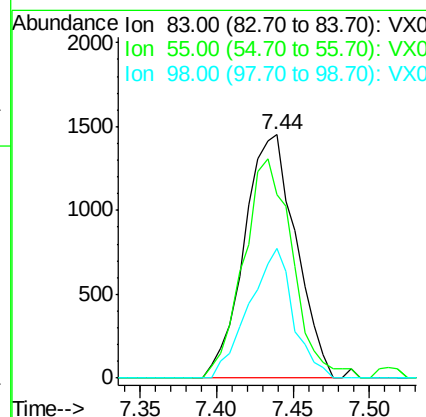
RT: 7.44 min Scan# 1042

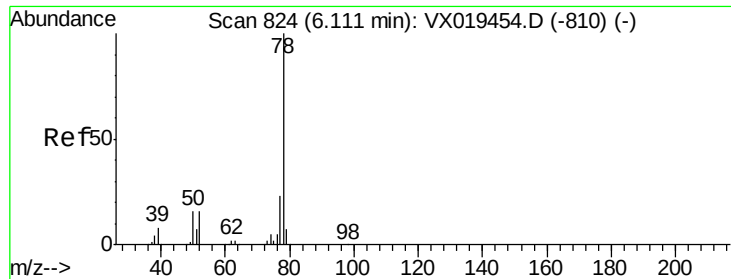
Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Tgt Ion:	83	Resp:	3409
Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.4	92.0
98	53.3	37.6	56.4





#40

Benzene

Concen: 0.975 ug/l

RT: 6.10 min Scan# 823

Delta R.T. -0.01 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 9678

Ion Ratio Lower Upper

78 100

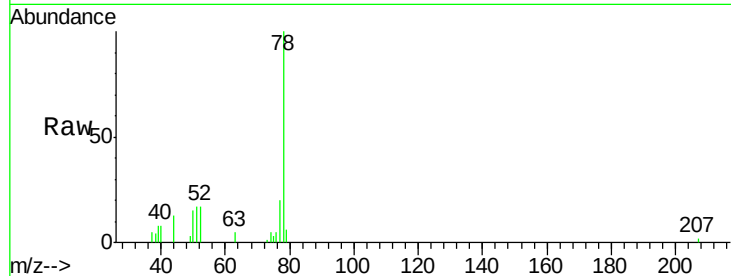
77 20.3 18.6 28.0

Manual Integrations

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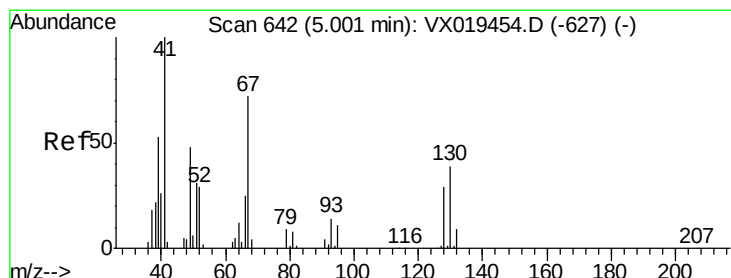
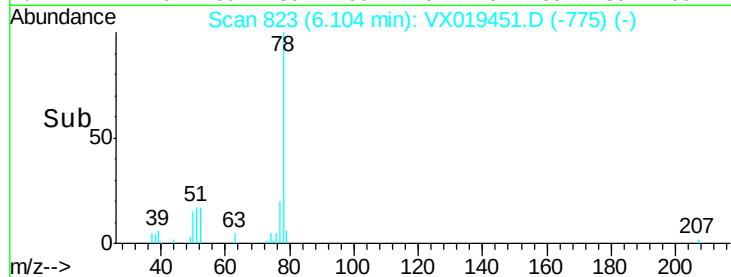
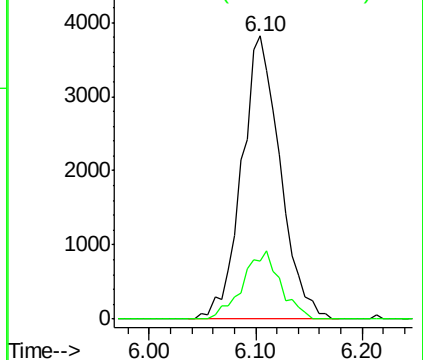
MMDadoda

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.165 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Tgt Ion: 41 Resp: 2071

Ion Ratio Lower Upper

41 100

39 73.3 44.6 67.0#

67 61.8 60.6 91.0

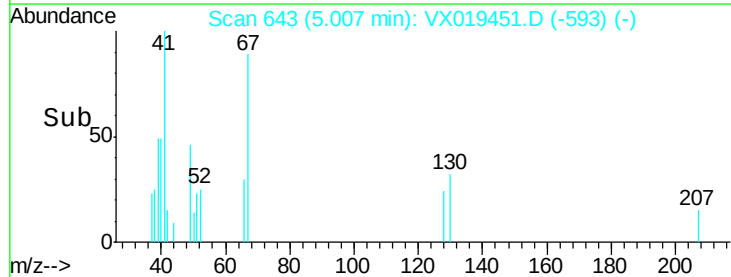
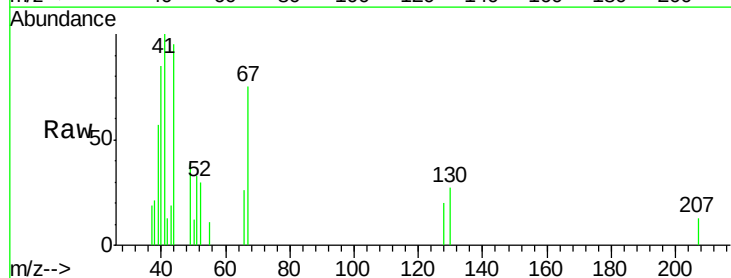
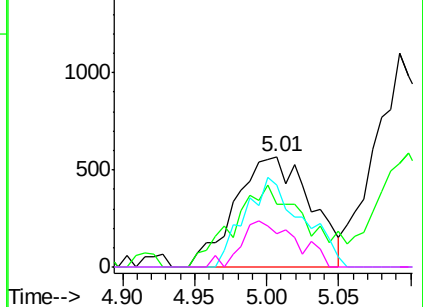
52 29.9 25.1 37.7

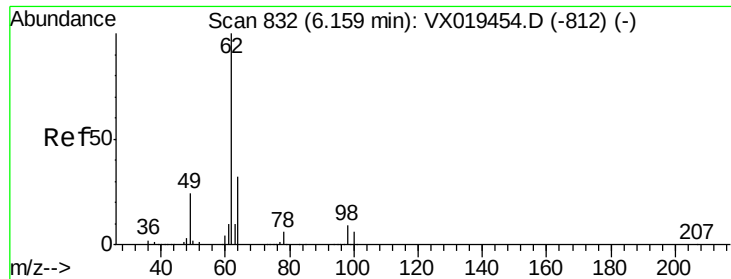
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





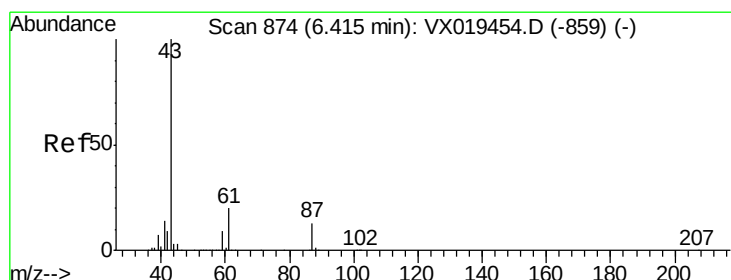
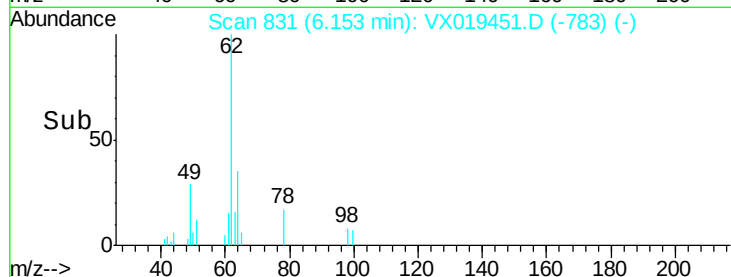
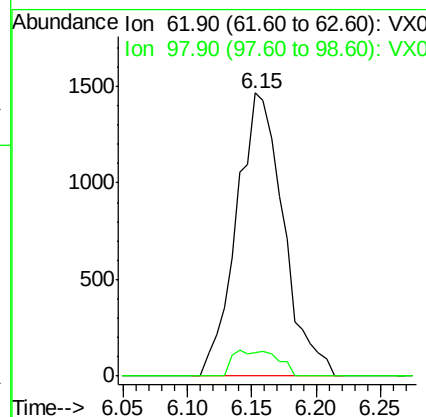
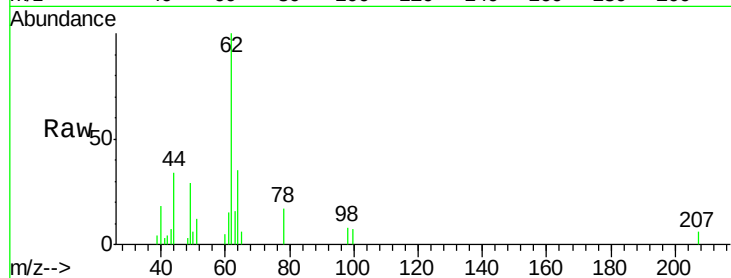
#42
 1,2-Dichloroethane
 Concen: 1.004 ug/l
 RT: 6.15 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	3700		
98	8.7		0.0	17.8

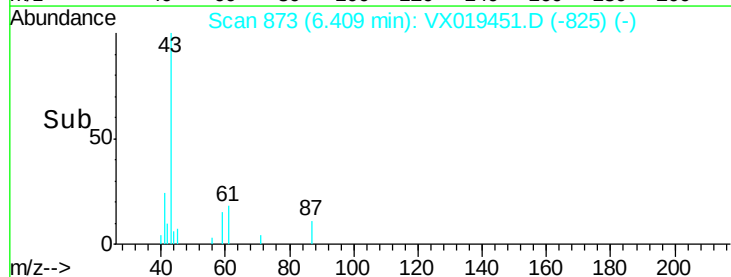
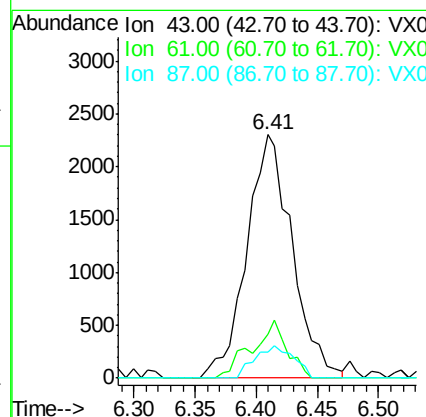
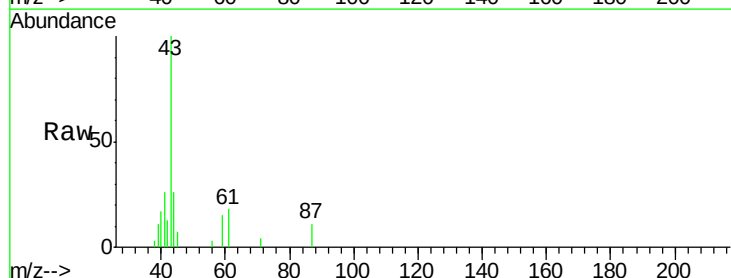
Manual Integrations
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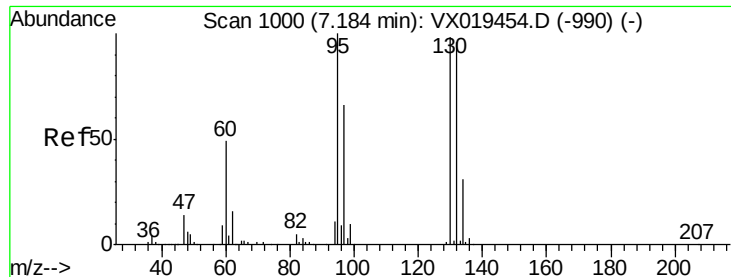
MMDadoda
 11/19/2020 11:57:53 AM



#43
 Isopropyl Acetate
 Concen: 1.079 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	5936		
61	18.5		16.2	24.4
87	11.3		10.7	16.1





#44

Trichloroethene

Concen: 0.870 ug/l

RT: 7.18 min Scan# 999

Delta R.T. -0.01 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2423

Ion Ratio Lower Upper

130 100

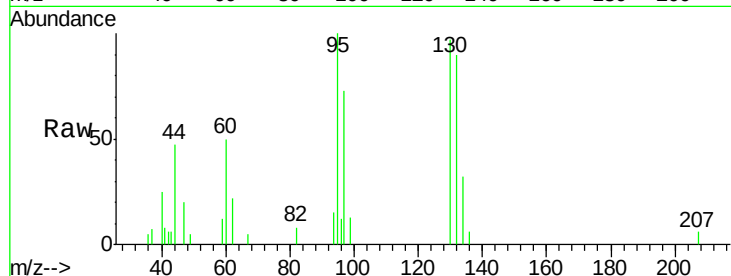
95 102.7 0.0 204.4

Manual Integrations

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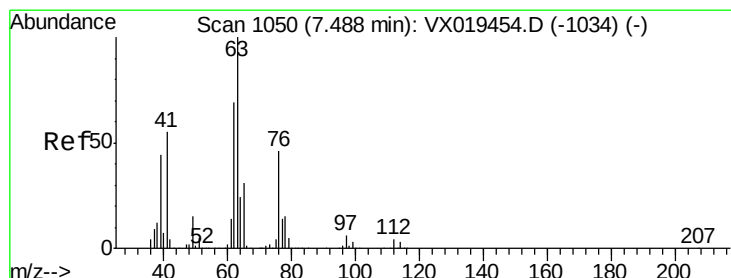
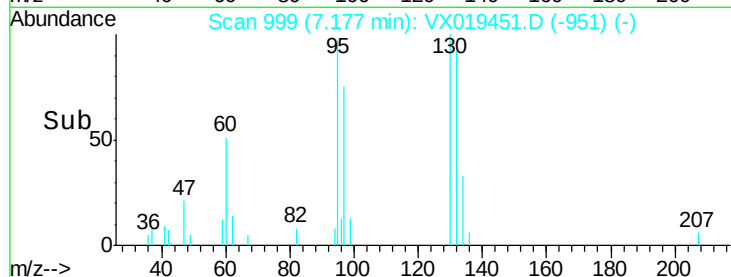
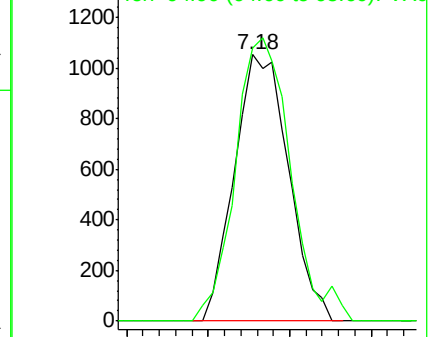
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.028 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019451.D

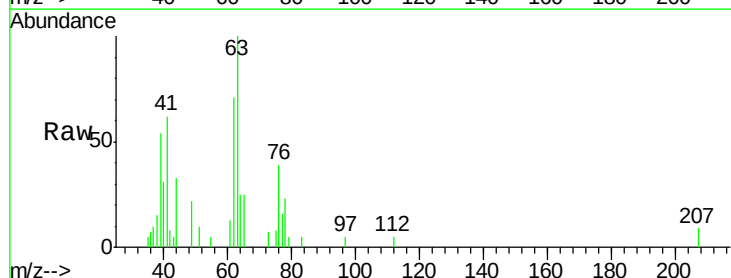
Acq: 18 Nov 2020 13:21

Tgt Ion: 63 Resp: 2528

Ion Ratio Lower Upper

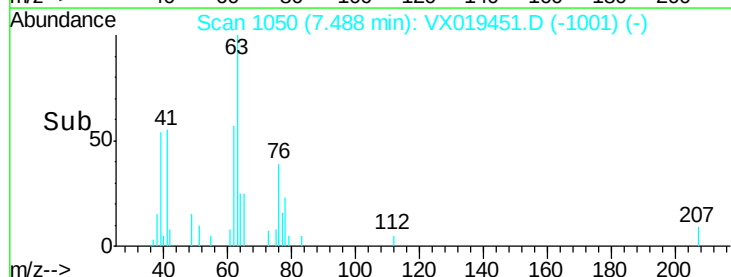
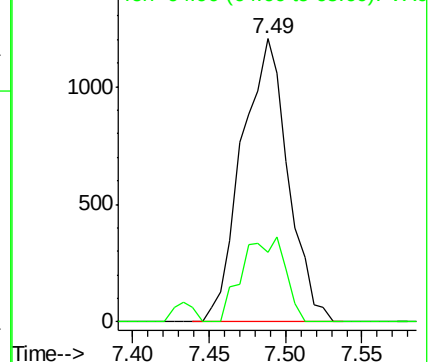
63 100

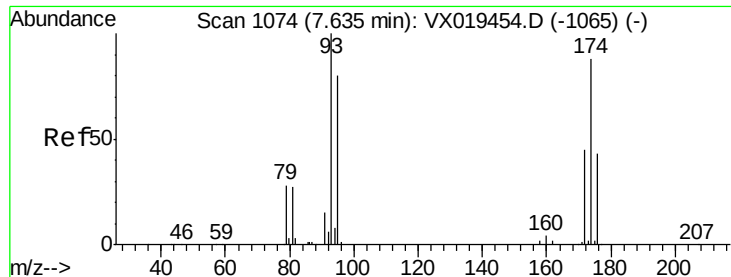
65 24.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.878 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

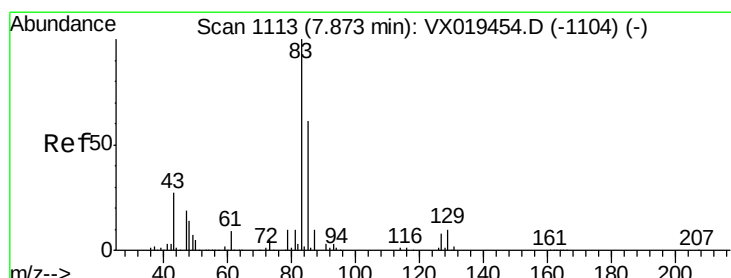
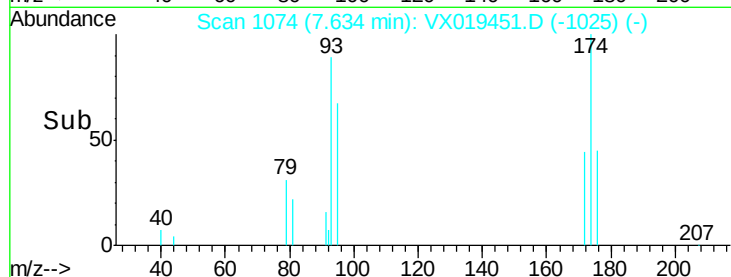
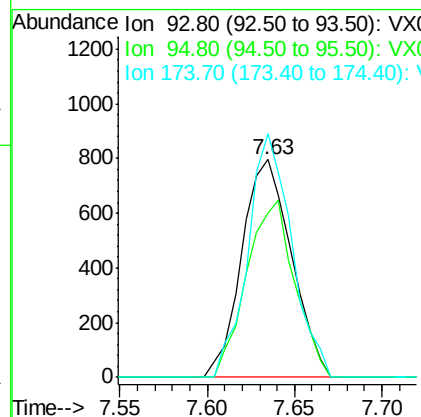
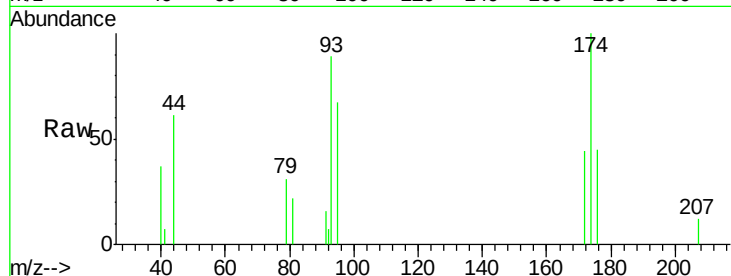
ClientSampleId :

VSTDIC001

Tot Ion:	93	Resp:	1571
Ion	Ratio	Lower	Upper
93	100		
95	78.5	65.4	98.2
174	98.6	72.2	108.4

Manual Integrations
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#47

Bromodichloromethane

Concen: 0.806 ug/l

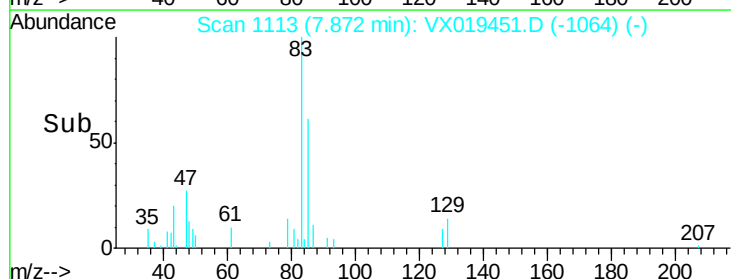
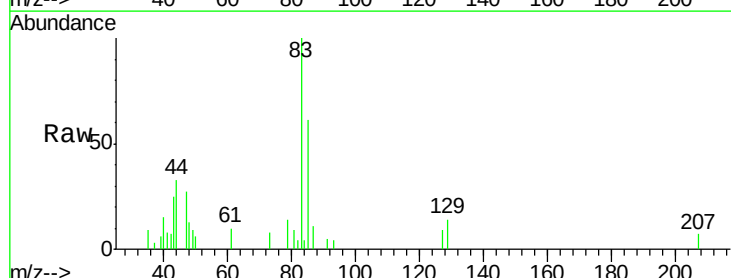
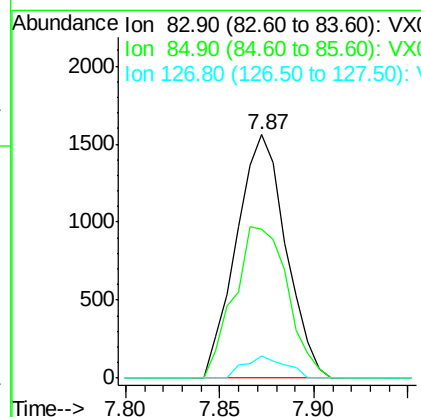
RT: 7.87 min Scan# 1113

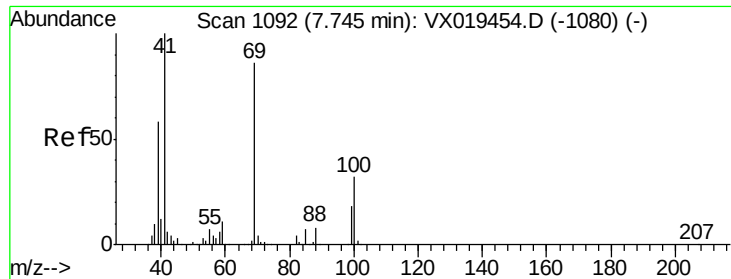
Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Tgt Ion:	83	Resp:	2833
Ion	Ratio	Lower	Upper
83	100		
85	61.2	49.0	73.4
127	9.3	6.3	9.5





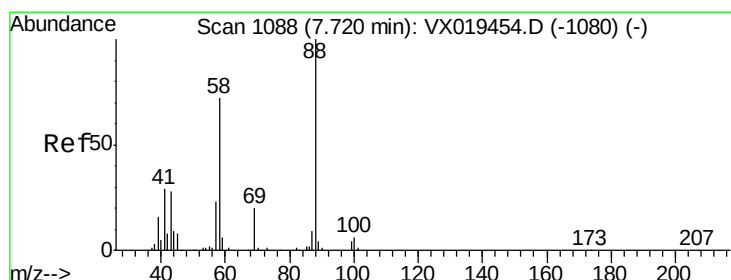
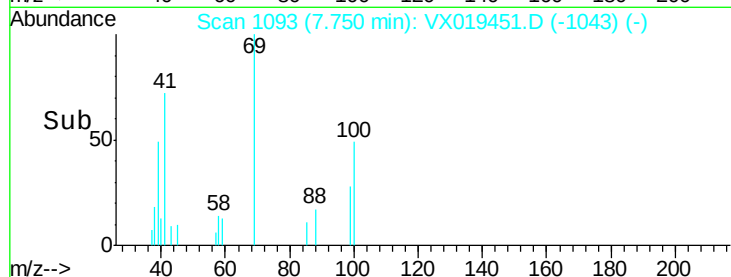
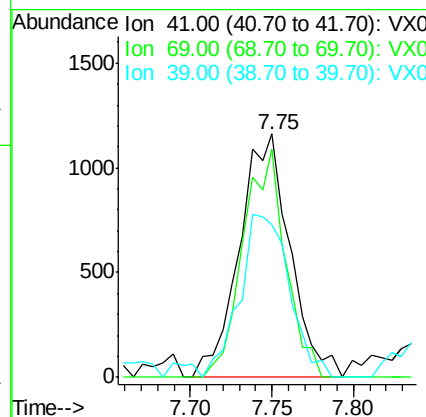
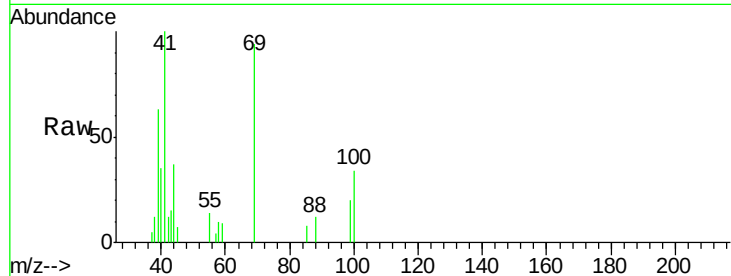
#48
Methvl methacrylate
Concen: 0.940 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	79.0	68.4	102.6
39	66.1	46.6	70.0

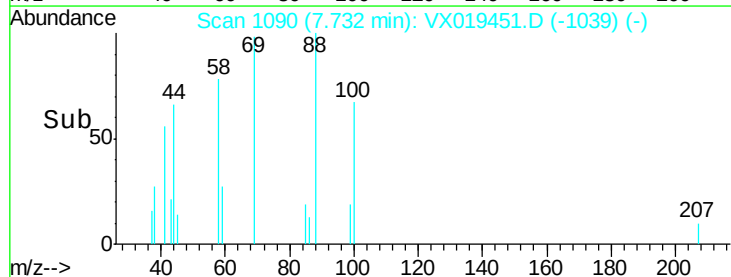
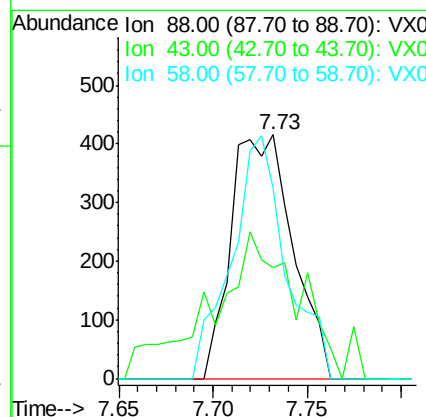
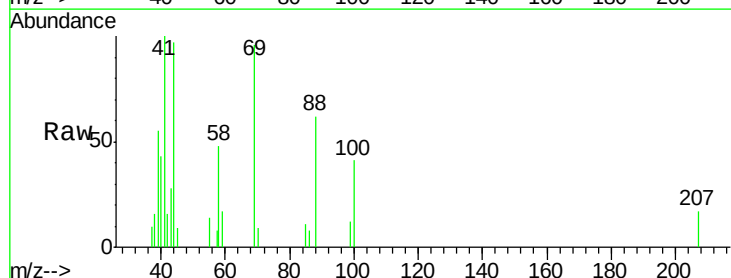
Manual Integrations
APPROVED

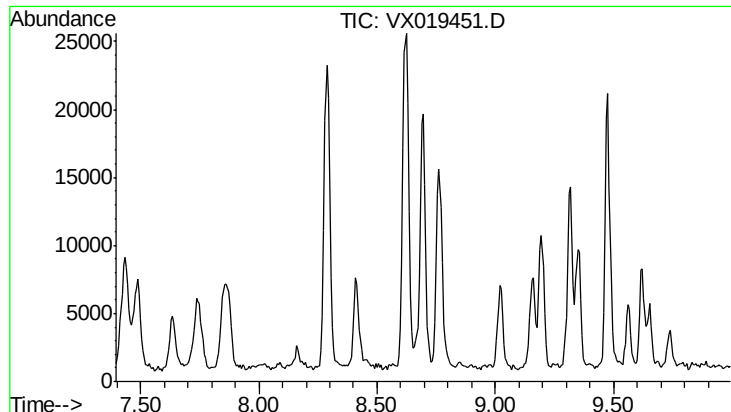
MMDadoda
11/19/2020 11:57:53 AM



#49
1,4-Dioxane
Concen: 16.253 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
88	100		
43	84.2	25.9	38.9#
58	88.1	56.6	84.8#





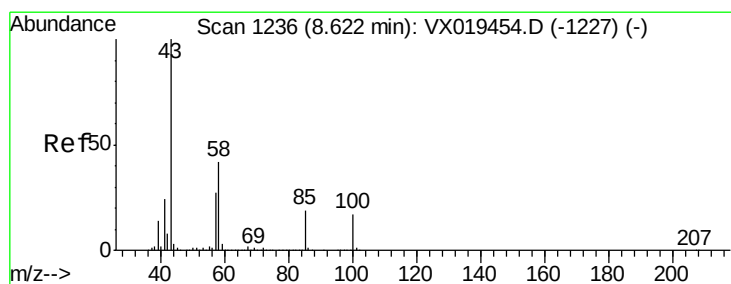
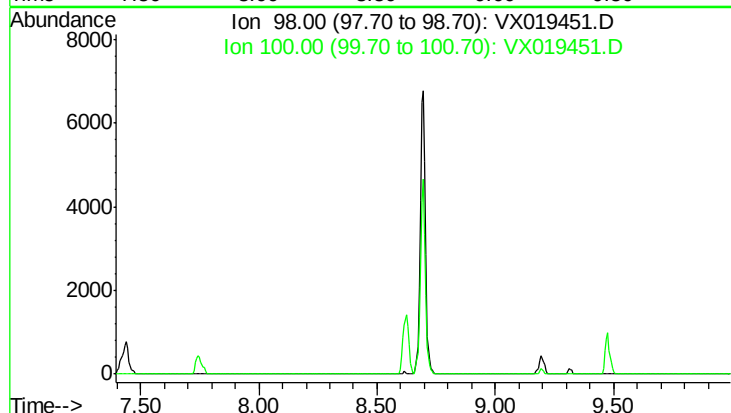
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.8

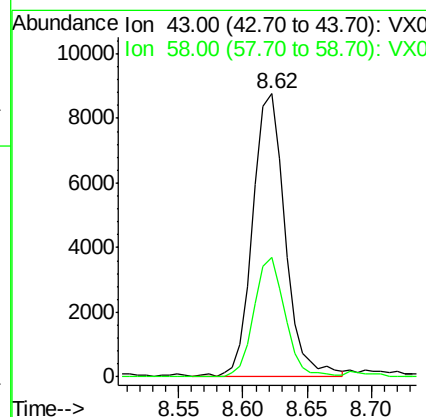
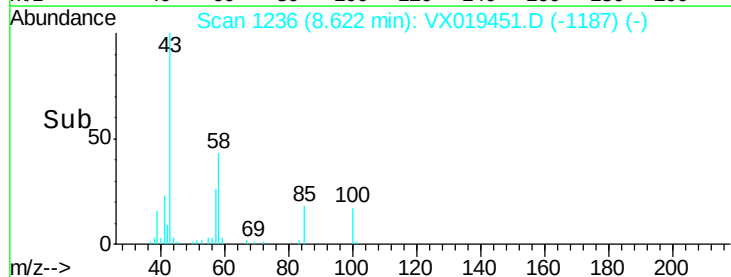
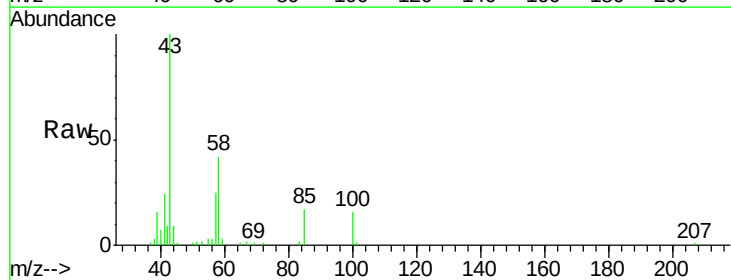
Manual Integrations
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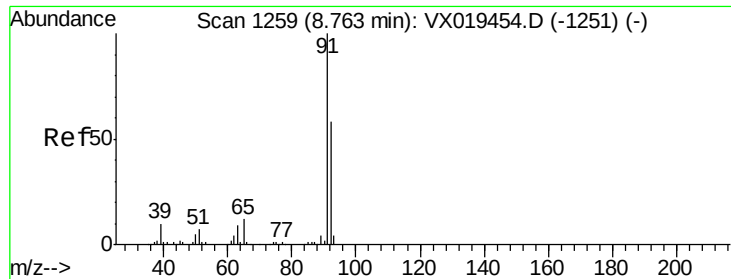
MMDadoda
11/19/2020 11:57:53 AM



#51
4-Methyl-2-Pentanone
Concen: 4.773 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Tgt Ion: 43 Resp: 15255
Ion Ratio Lower Upper
43 100
58 40.2 33.0 49.4





#52

Toluene

Concen: 0.811 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 5172

Ion Ratio Lower Upper

92 100

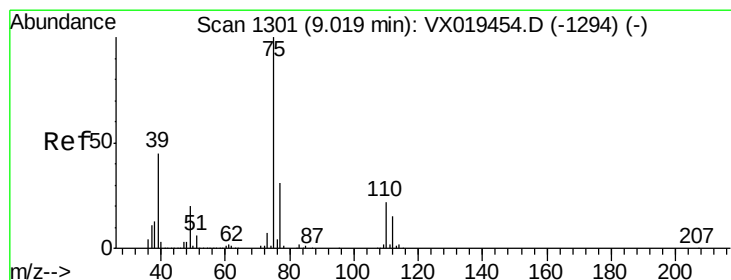
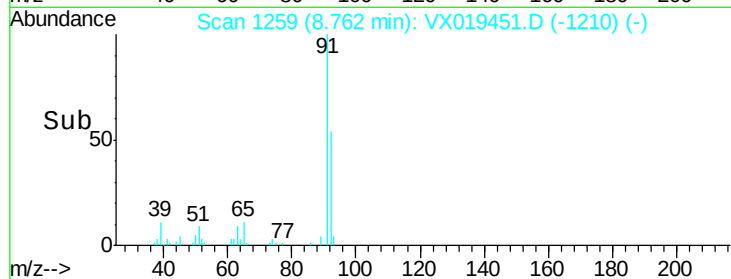
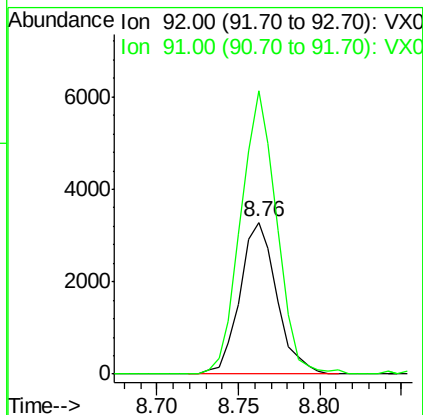
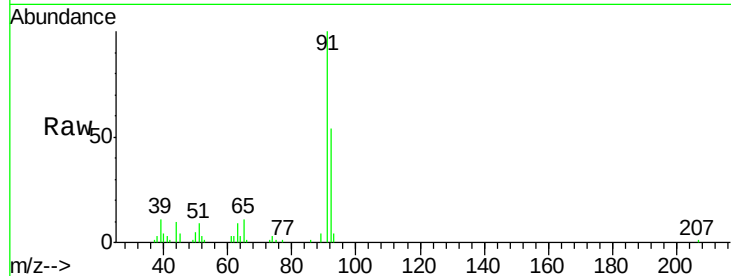
91 182.1 136.3 204.5

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 0.727 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019451.D

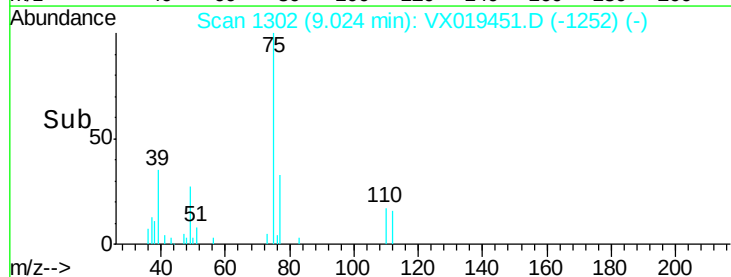
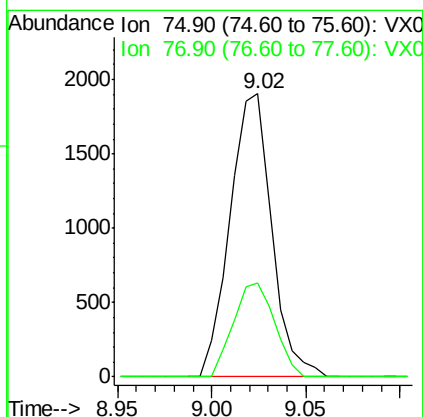
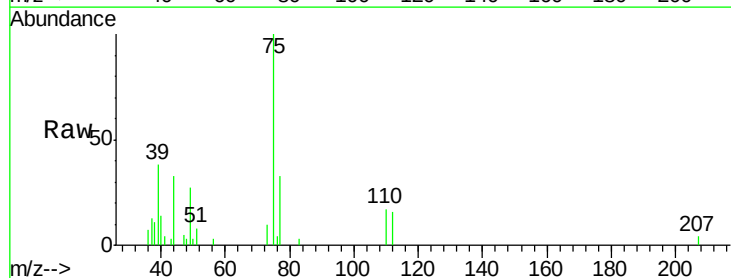
Acq: 18 Nov 2020 13:21

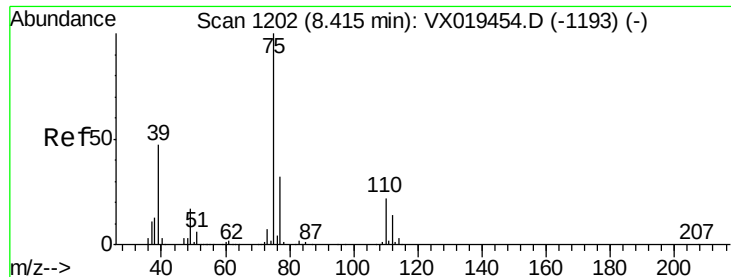
Tgt Ion: 75 Resp: 2923

Ion Ratio Lower Upper

75 100

77 33.2 25.0 37.6





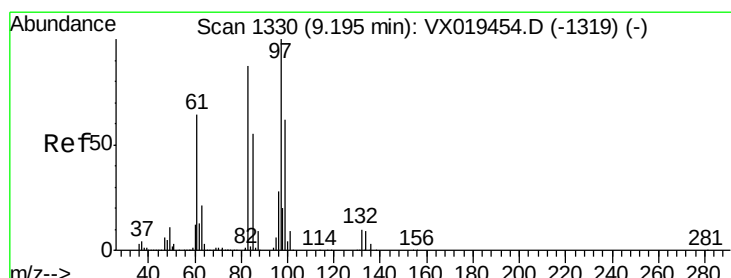
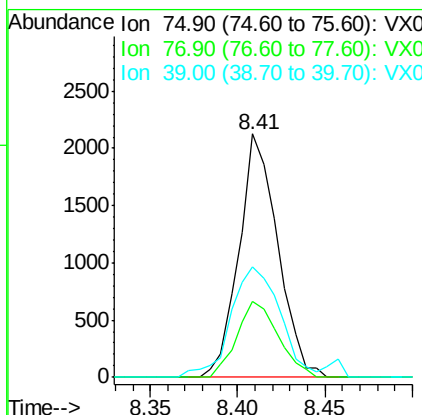
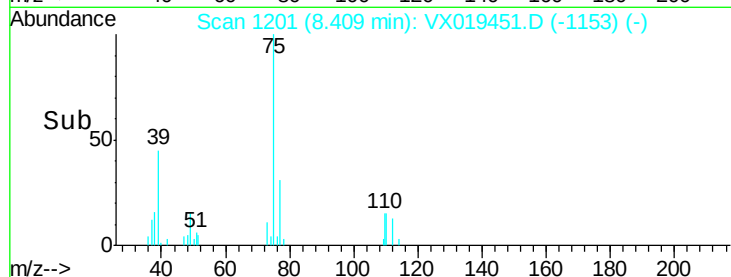
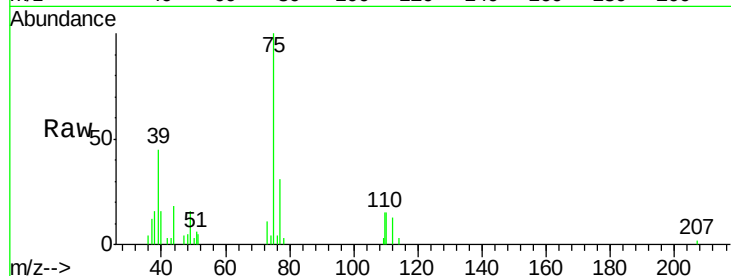
#54
 cis-1,3-Dichloropropene
 Concen: 0.772 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2
39	42.2	37.4	56.2

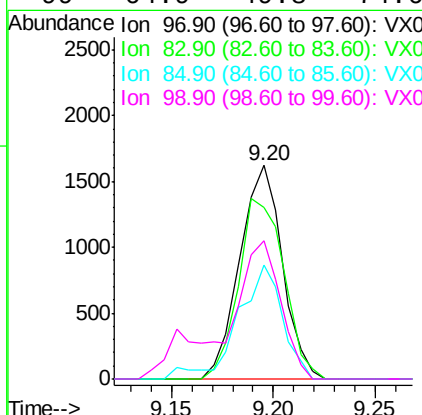
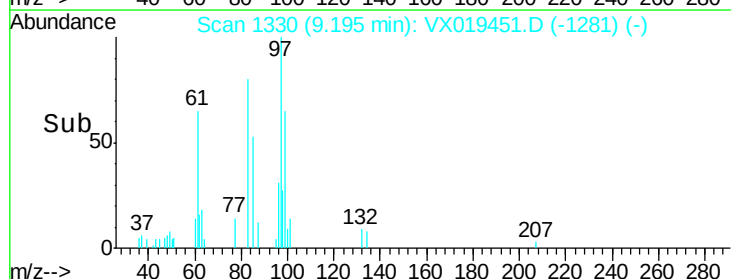
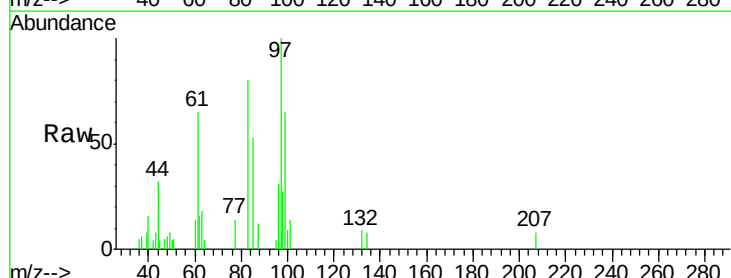
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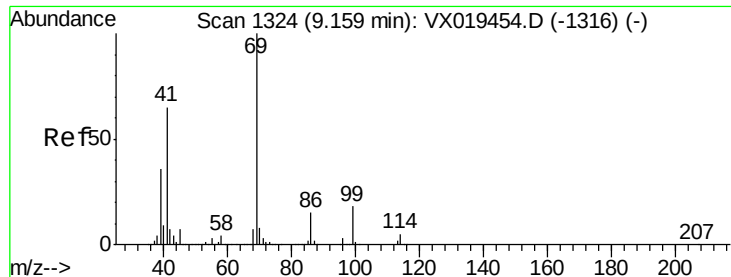
MMDadoda
 11/19/2020 11:57:53 AM



#55
 1,1,2-Trichloroethane
 Concen: 0.931 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.2	69.7	104.5
85	53.4	44.2	66.4
99	64.9	49.8	74.6





#56

Ethyl methacrylate

Concen: 0.710 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

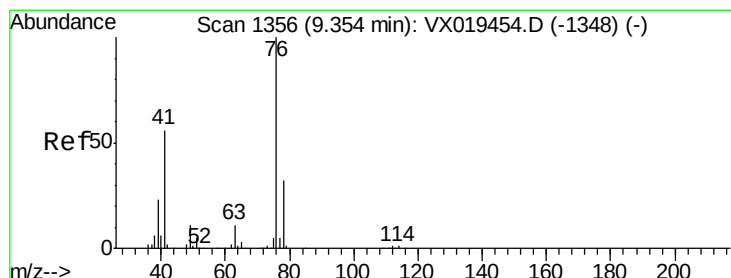
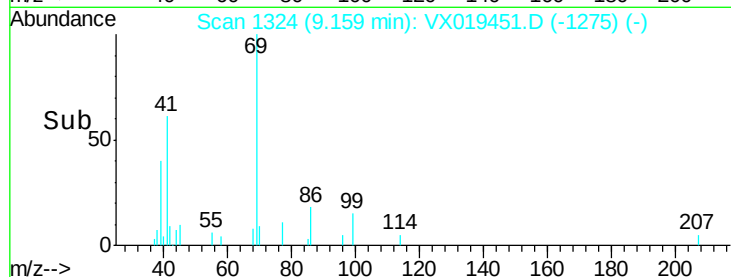
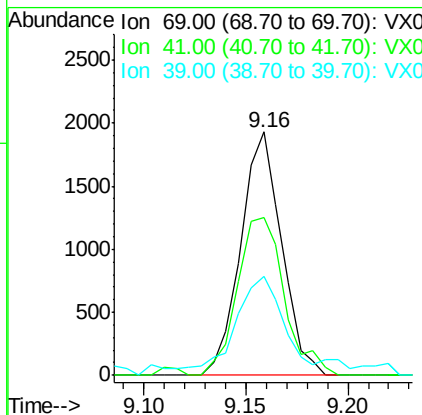
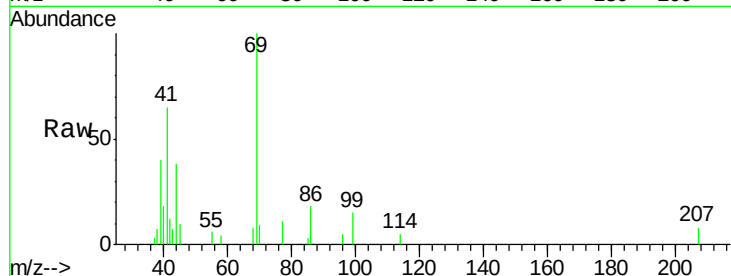
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	2688
Ion	Ratio	Lower	Upper
69	100		
41	74.6	52.1	78.1
39	42.7	29.5	44.3

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.967 ug/l

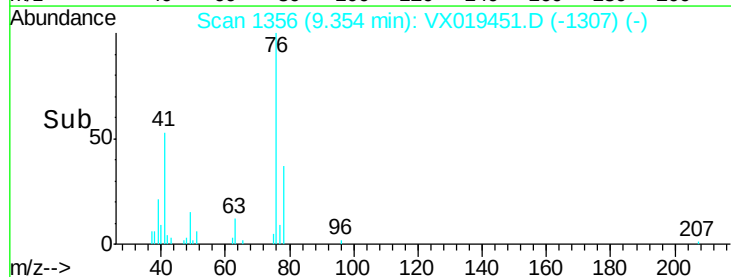
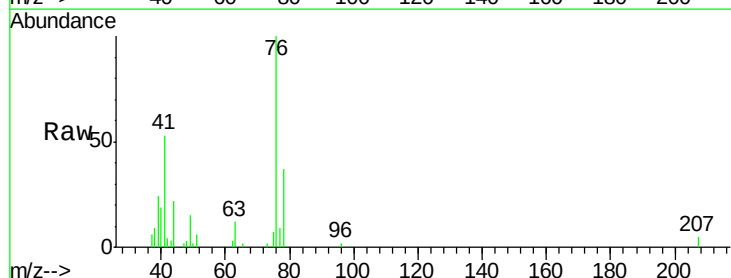
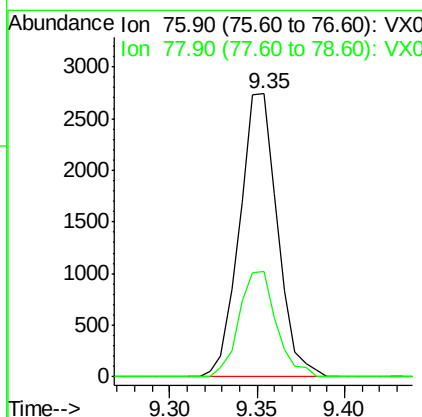
RT: 9.35 min Scan# 1356

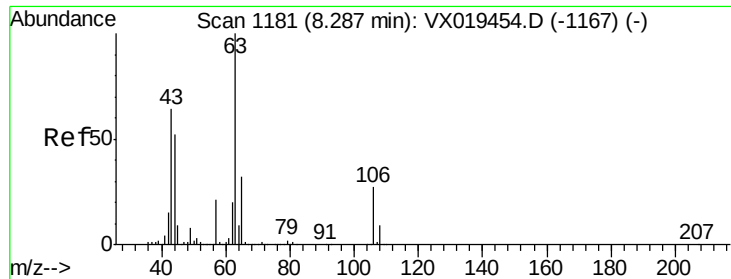
Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Tgt Ion:	76	Resp:	4137
Ion	Ratio	Lower	Upper
76	100		
78	36.9	26.1	39.1





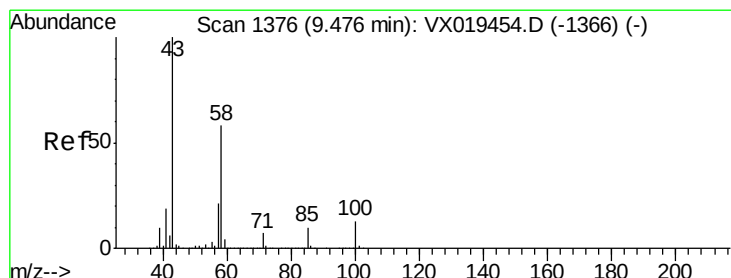
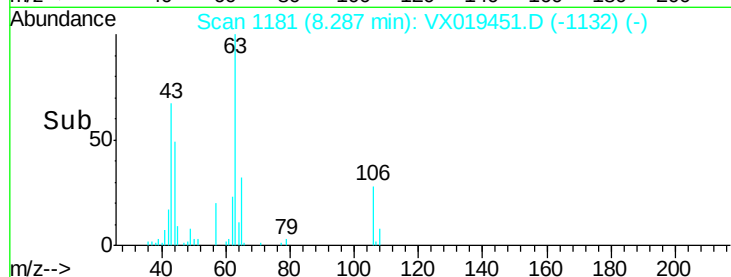
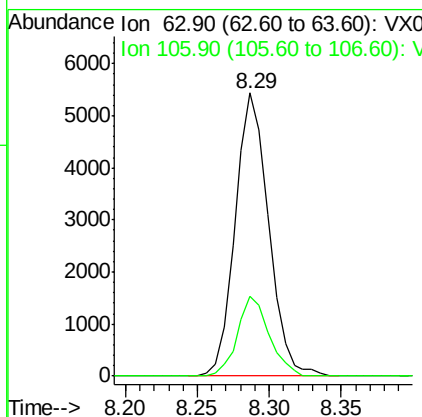
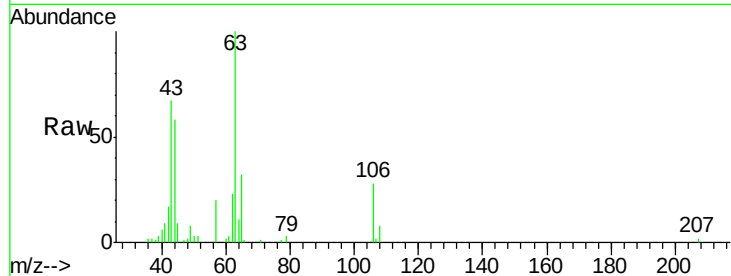
#58
2-Chloroethyl Vinyl ether
Concen: 4.097 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
106	26.7	22.2	33.2

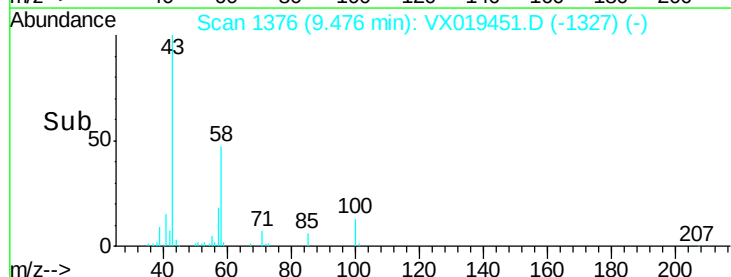
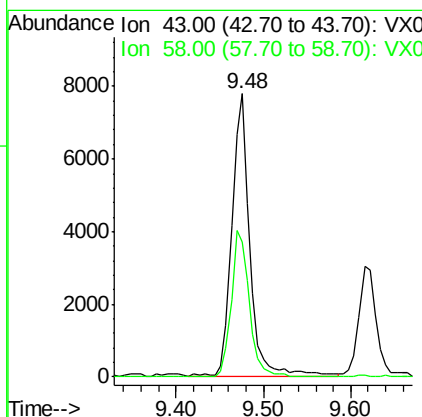
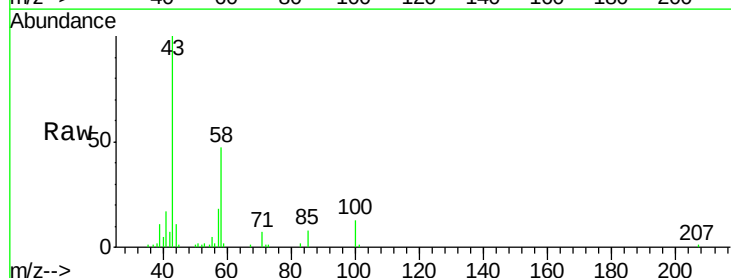
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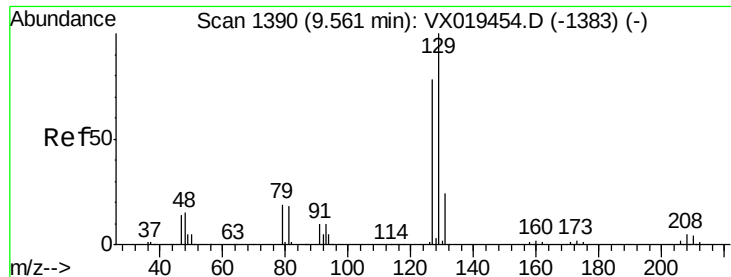
MMDadoda
11/19/2020 11:57:53 AM



#59
2-Hexanone
Concen: 4.669 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.7	28.8	86.5





#60

Dibromochloromethane

Concen: 0.692 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 1858

Ion Ratio Lower Upper

129 100

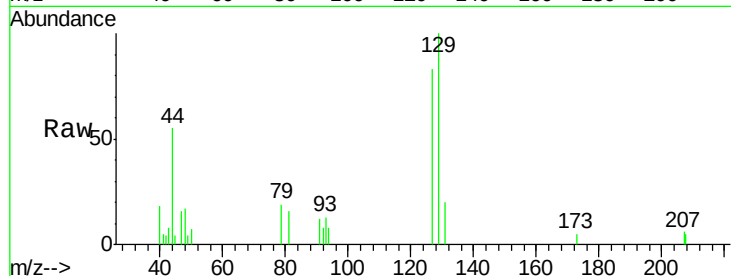
127 84.4 38.8 116.4

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.56

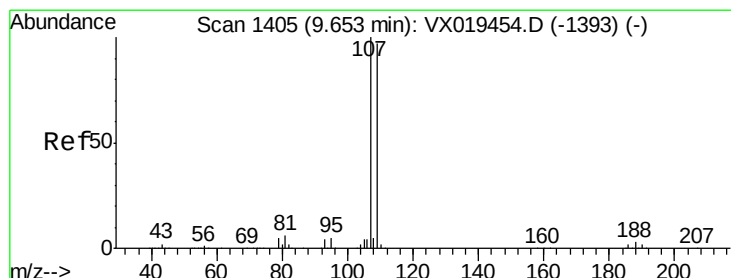
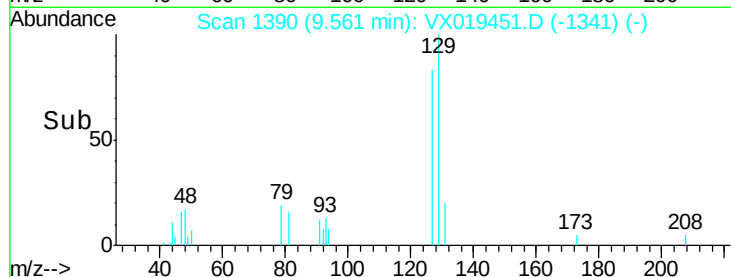
1500

1000

500

0

Time--> 9.50 9.55 9.60



#61

1,2-Dibromoethane

Concen: 0.875 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019451.D

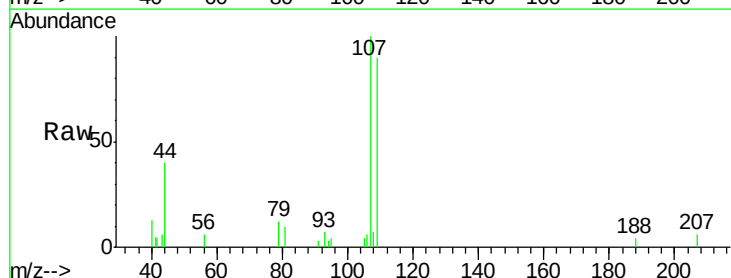
Acq: 18 Nov 2020 13:21

Tgt Ion:107 Resp: 2349

Ion Ratio Lower Upper

107 100

109 91.7 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

2000

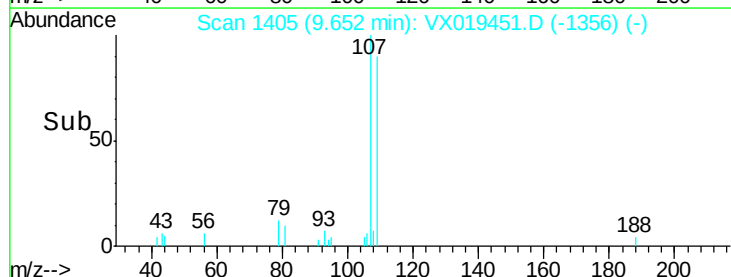
1500

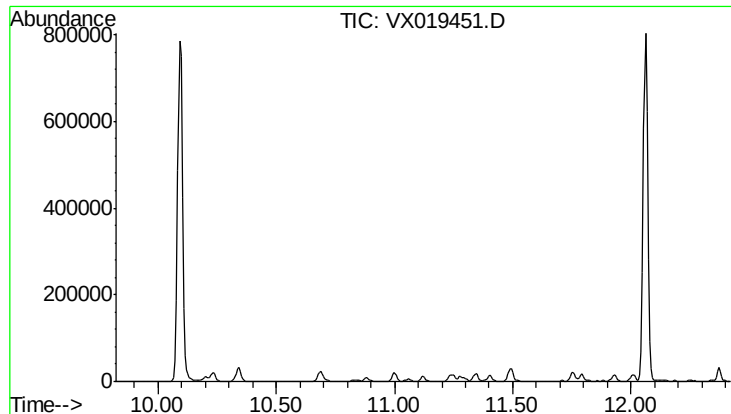
1000

500

0

Time--> 9.60 9.65 9.70





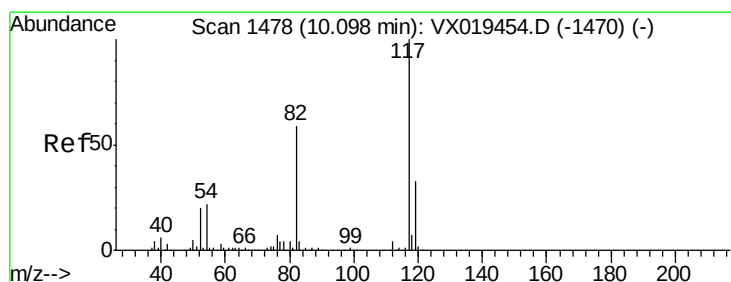
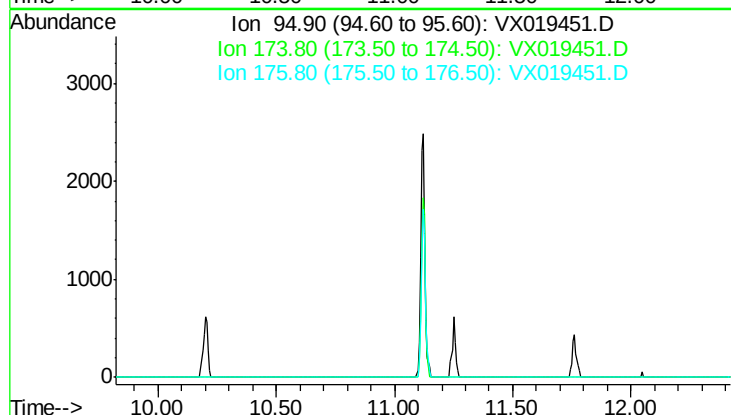
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.12 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	70.7
176	68.8

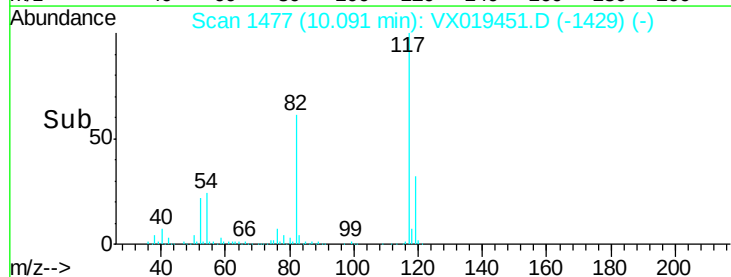
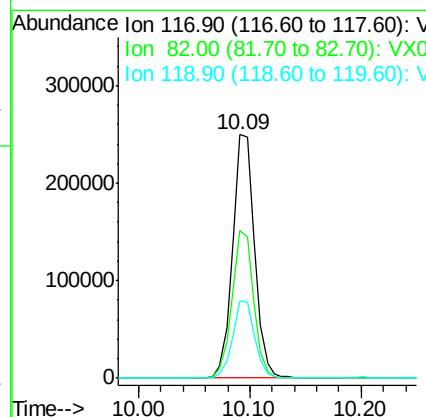
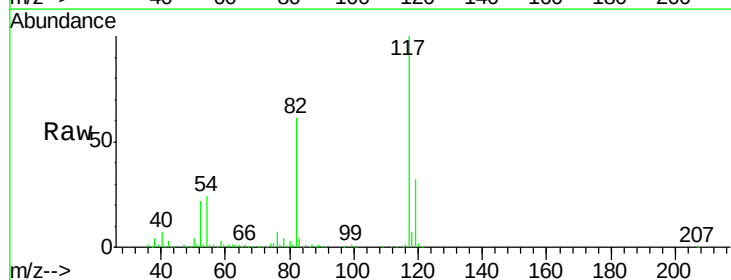
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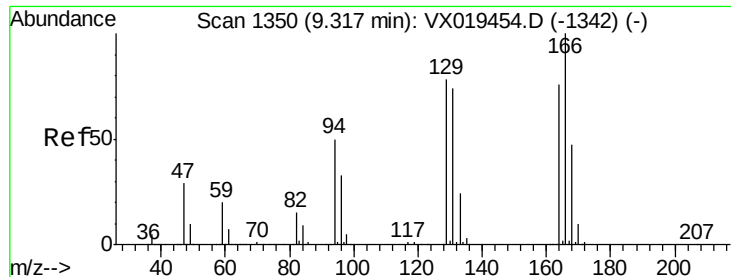
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.09 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Tgt Ion	117	Resp	340746
Ion Ratio	Lower	Upper	
117	100		
82	60.8	47.4	71.2
119	31.9	26.3	39.5





#64

Tetrachloroethene

Concen: 0.938 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 2465

Ion Ratio Lower Upper

164 100

166 124.5 104.6 157.0

129 91.9 81.4 122.2

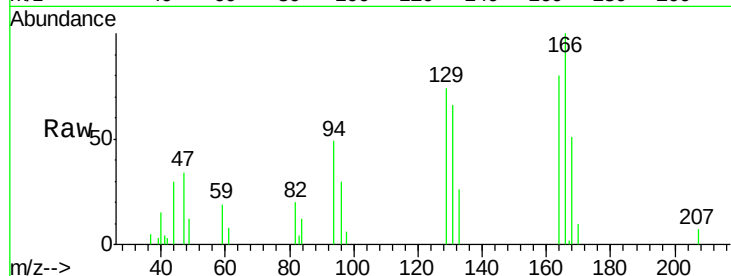
131 82.5 77.3 115.9

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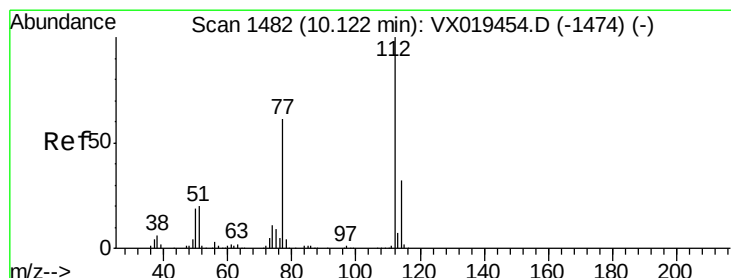
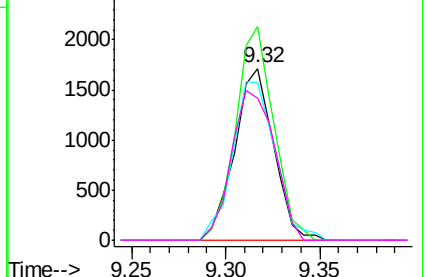
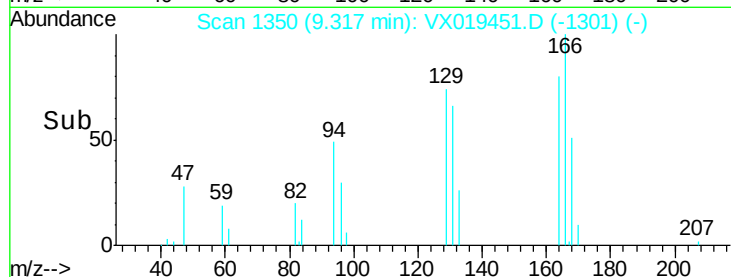
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time--> 9.25 9.30 9.35



#65

Chlorobenzene

Concen: 0.876 ug/l

RT: 10.12 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VX019451.D

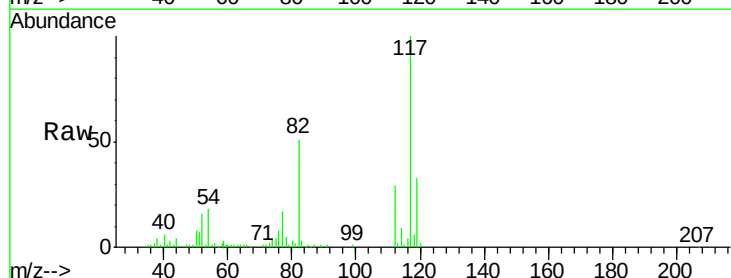
Acq: 18 Nov 2020 13:21

Tgt Ion:112 Resp: 6138

Ion Ratio Lower Upper

112 100

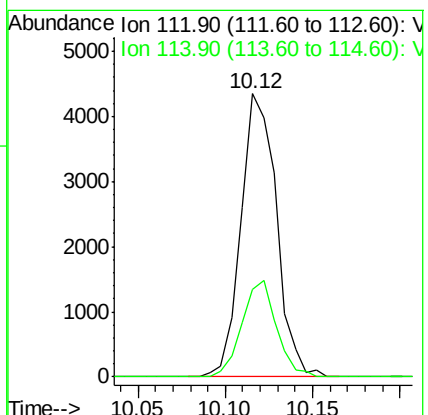
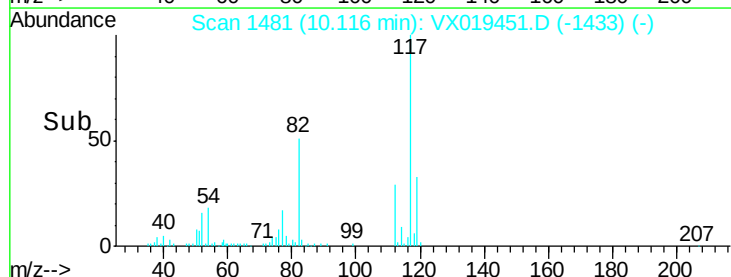
114 30.8 25.5 38.3

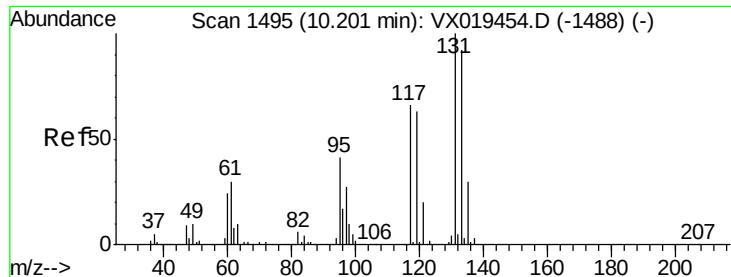


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

Time--> 10.05 10.10 10.15





#66

1,1,1,2-Tetrachloroethane

Concen: 0.725 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

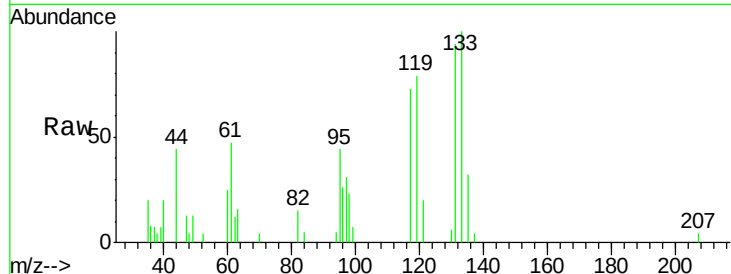
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	107.9	46.2	138.5
119	0.0	32.1	96.3#

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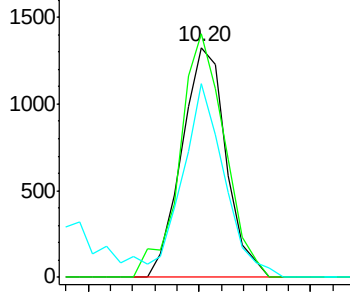
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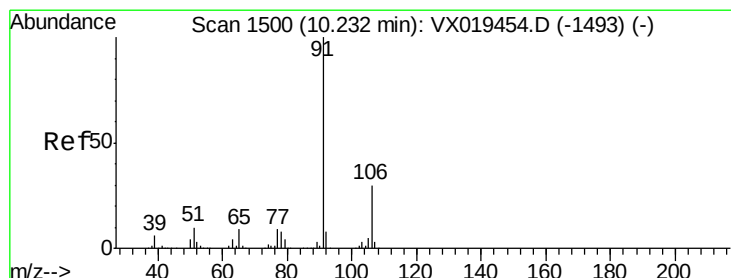
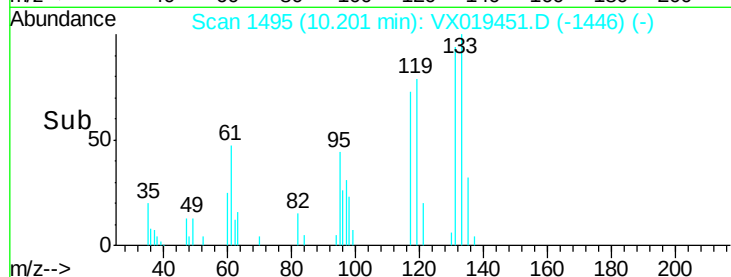
Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->



#67

Ethyl Benzene

Concen: 0.821 ug/l

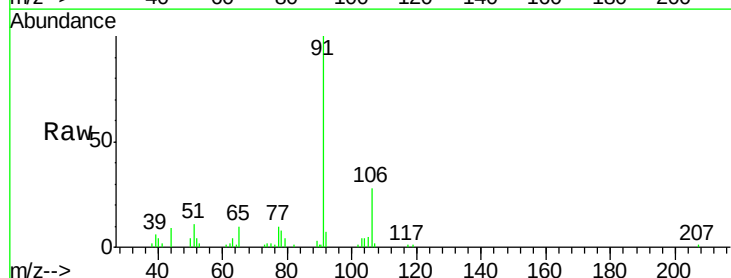
RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019451.D

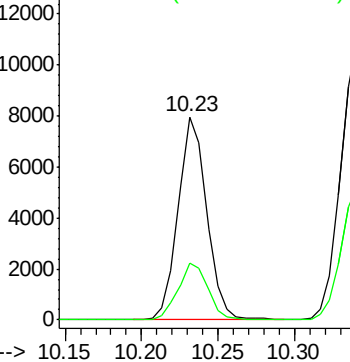
Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.0	23.8	35.6

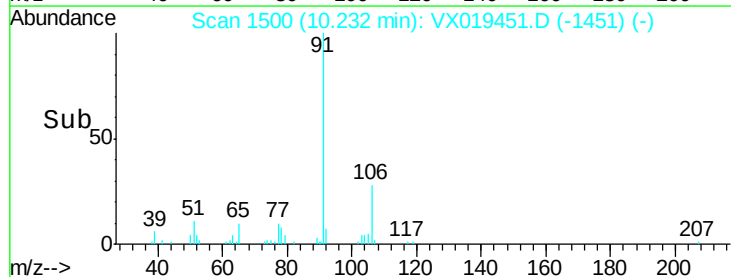


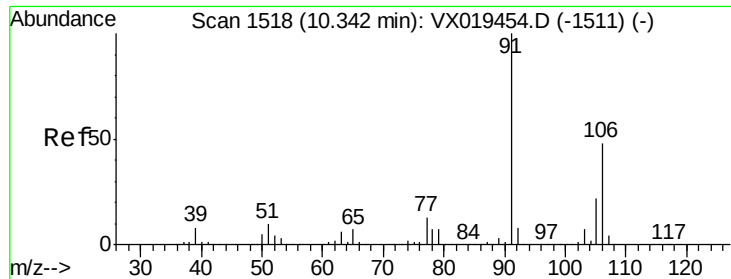
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



Time-->





#68

m/p-Xylenes

Concen: 1.498 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 7051

Ion Ratio Lower Upper

106 100

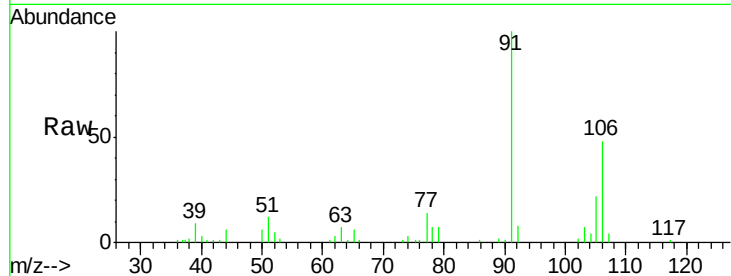
91 214.4 167.2 250.8

Manual Integrations

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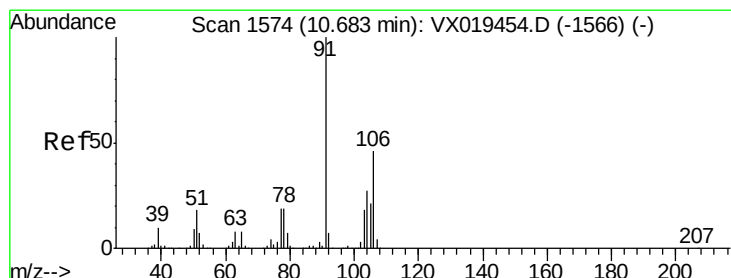
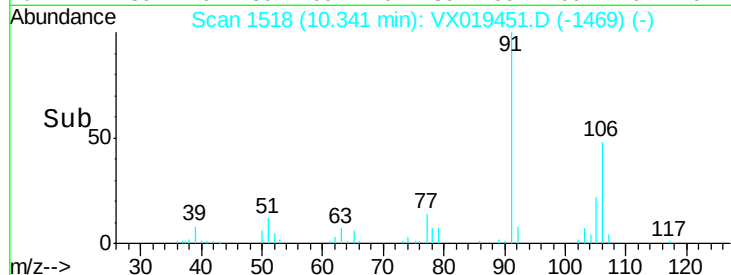
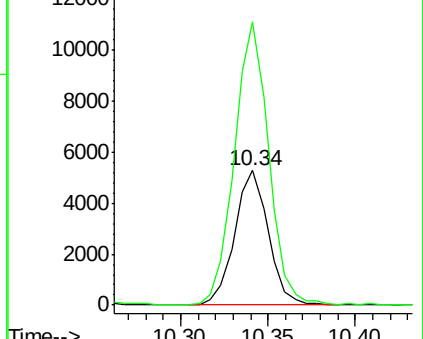
MMDadoda

11/19/2020 11:57:53 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.752 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019451.D

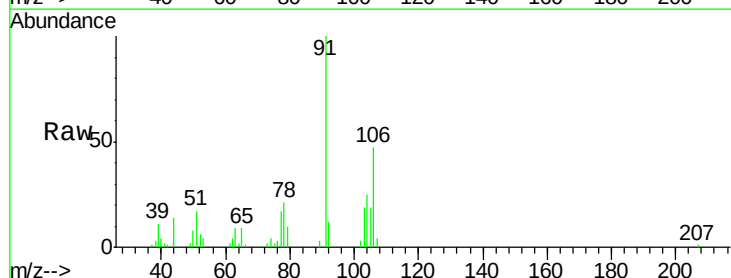
Acq: 18 Nov 2020 13:21

Tgt Ion:106 Resp: 3355

Ion Ratio Lower Upper

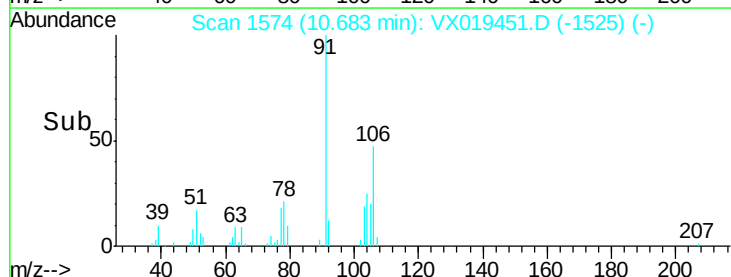
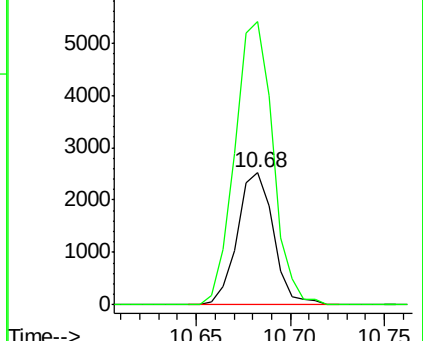
106 100

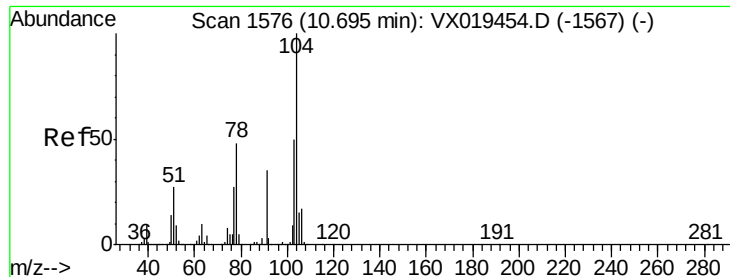
91 225.7 109.6 328.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 0.702 ug/l

RT: 10.69 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

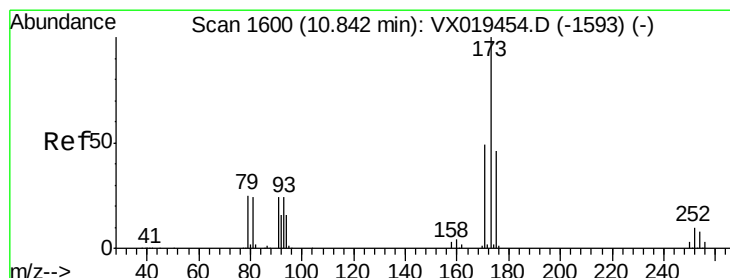
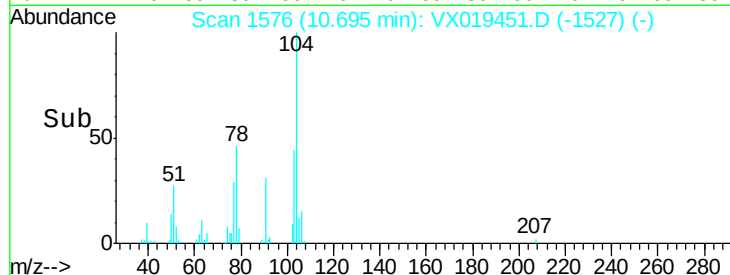
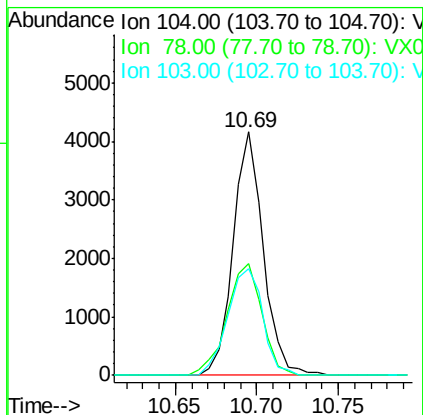
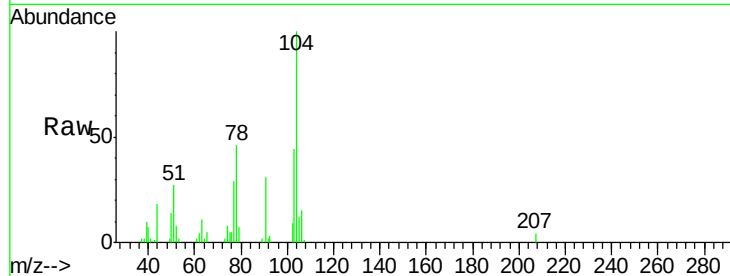
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	5340
Ion	Ratio	Lower	Upper
104	100		
78	53.7	42.7	64.1
103	50.7	43.2	64.8

Manual Integrations
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#71

Bromoform

Concen: 0.633 ug/l

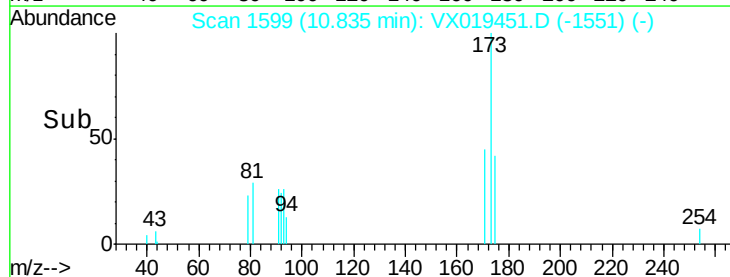
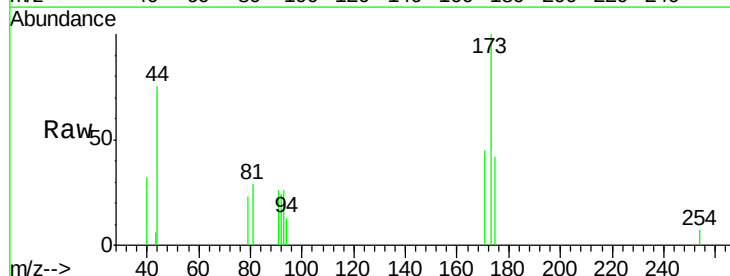
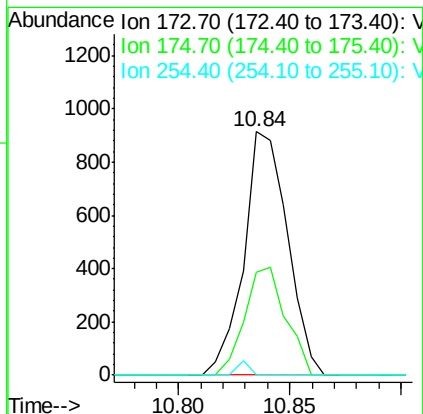
RT: 10.84 min Scan# 1599

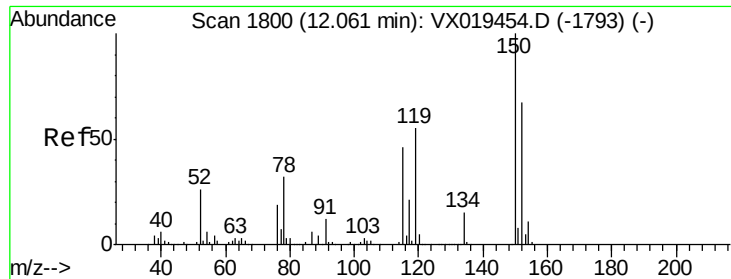
Delta R.T. -0.01 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Tgt Ion:	173	Resp:	1246
Ion	Ratio	Lower	Upper
173	100		
175	41.6	23.9	71.7
254	1.6	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 149959

Ion Ratio Lower Upper

152 100

115 63.4 44.9 134.7

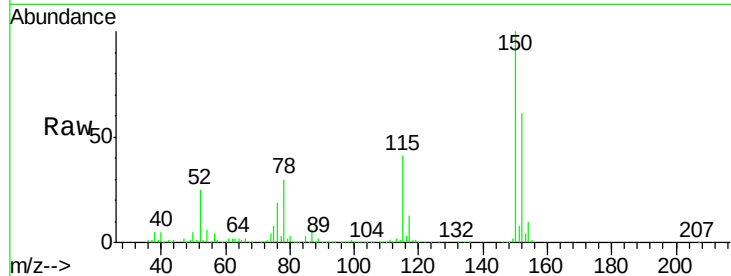
150 157.6 0.0 344.4

Manual Integrations

APPROVED

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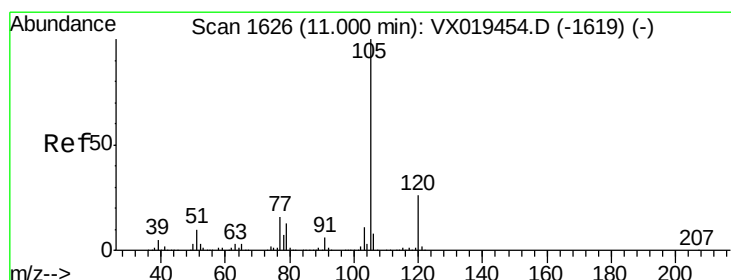
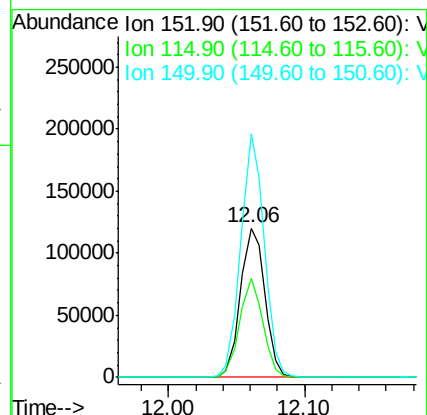
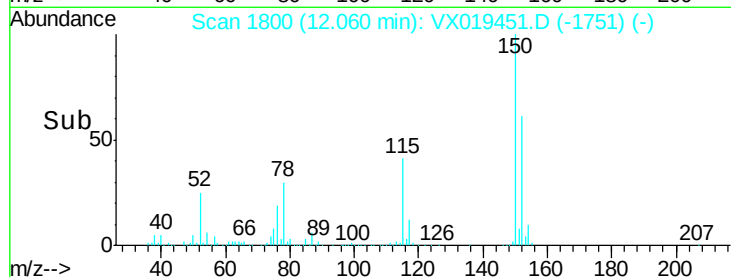
11/19/2020 11:57:53 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.828 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019451.D

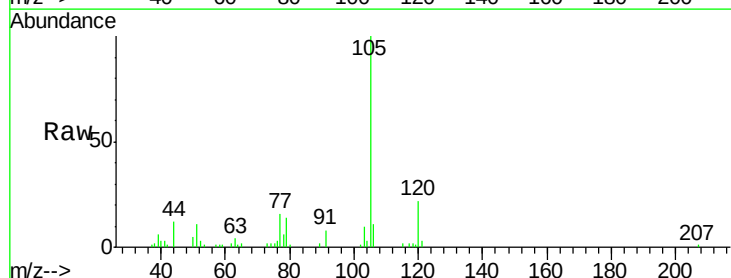
Acq: 18 Nov 2020 13:21

Tgt Ion:105 Resp: 8895

Ion Ratio Lower Upper

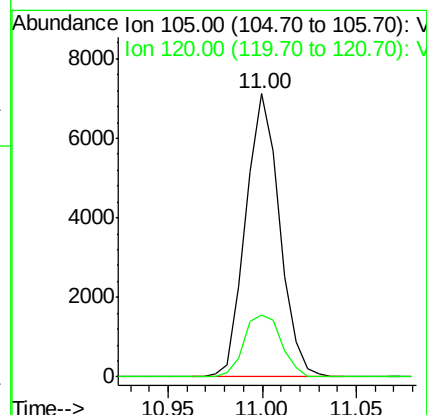
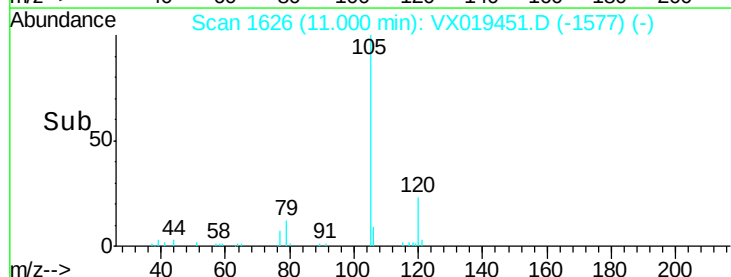
105 100

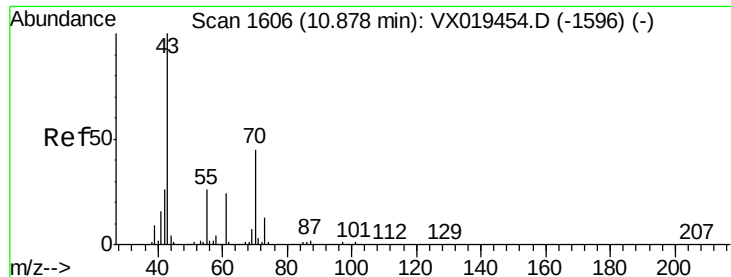
120 24.1 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.919 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

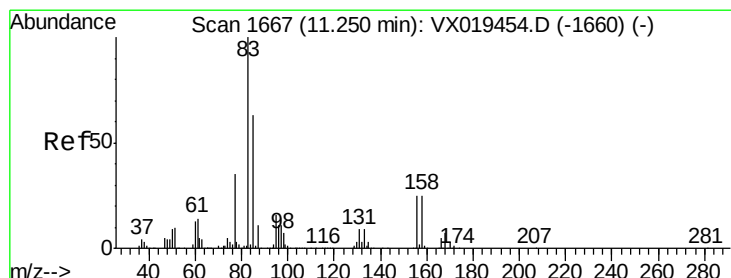
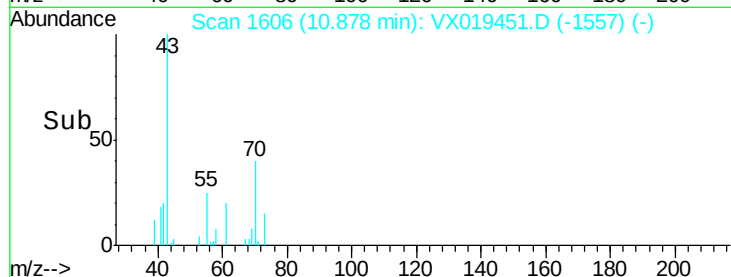
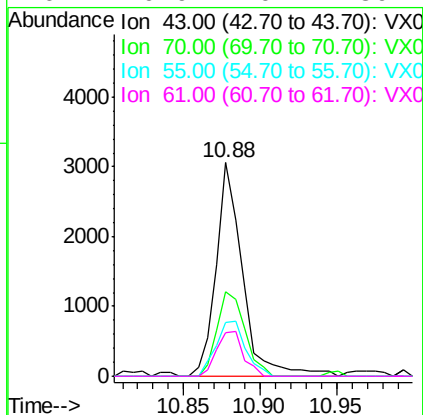
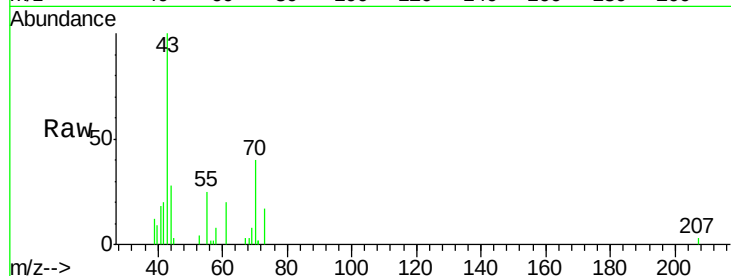
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	3701
Ion	Ratio	Lower	Upper
43	100		
70	41.5	36.8	55.2
55	28.8	21.0	31.4
61	20.9	20.2	30.2

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 0.975 ug/l

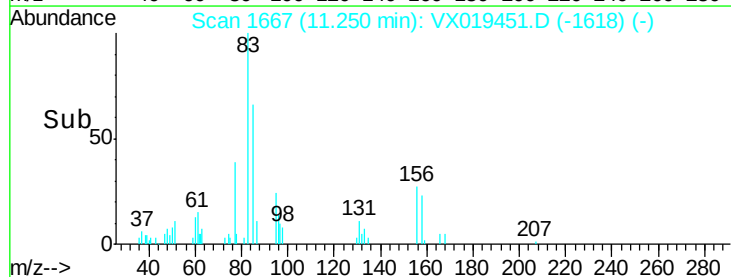
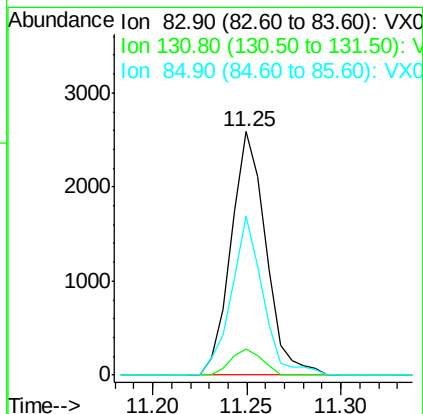
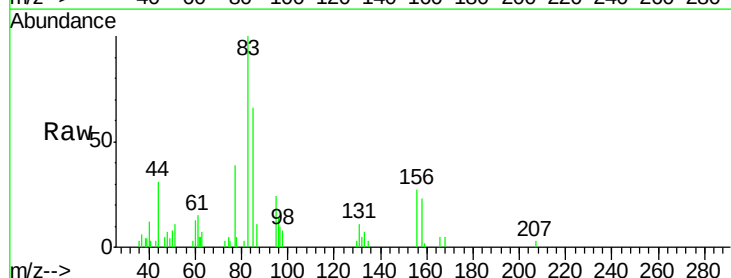
RT: 11.25 min Scan# 1667

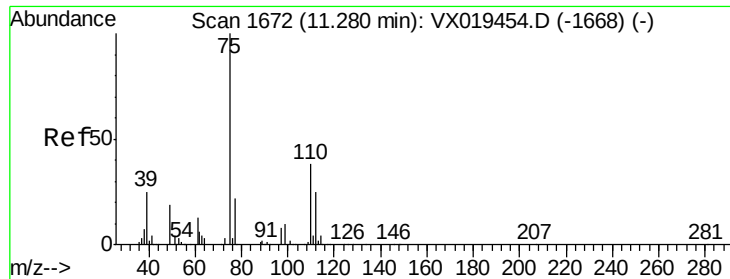
Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Tgt Ion:	83	Resp:	3316
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.6	13.8
85	59.6	31.9	95.5





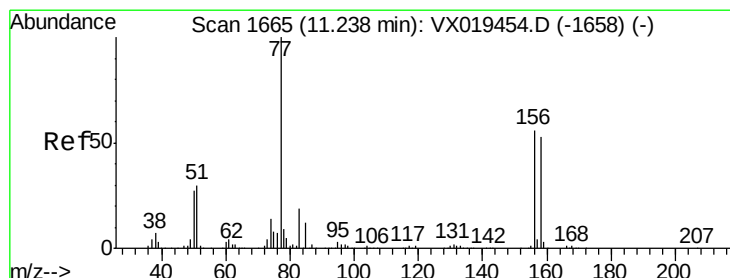
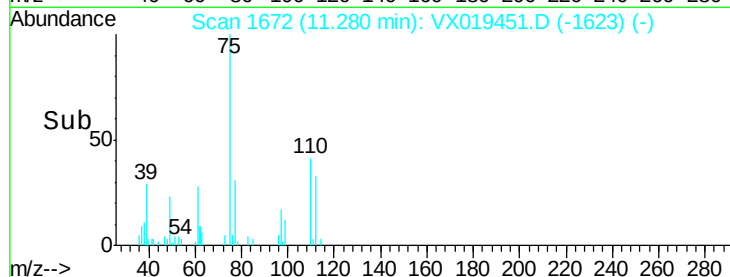
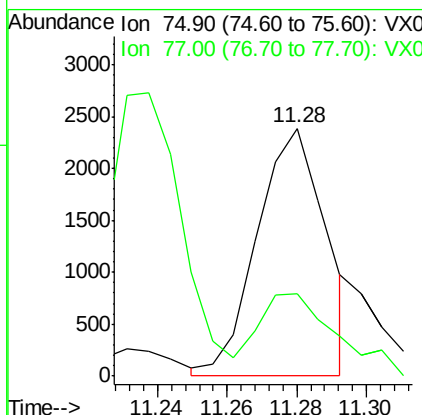
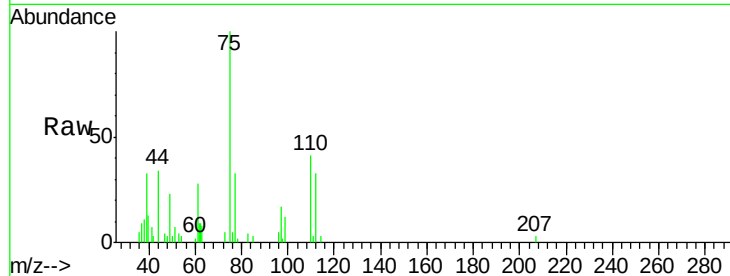
#76
1,2,3-Trichloropropane
Concen: 1.025 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	38.1	20.0	59.9

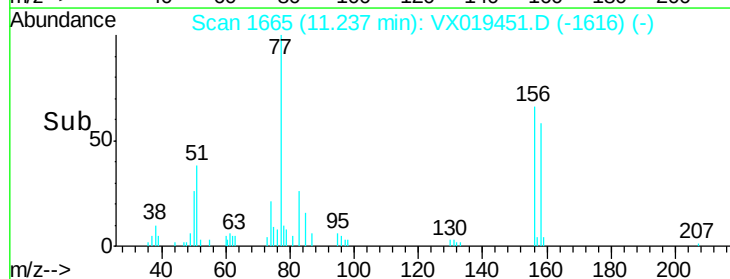
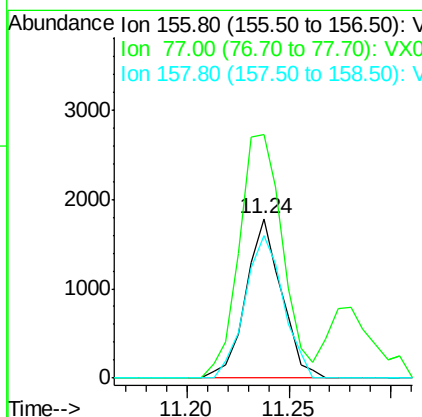
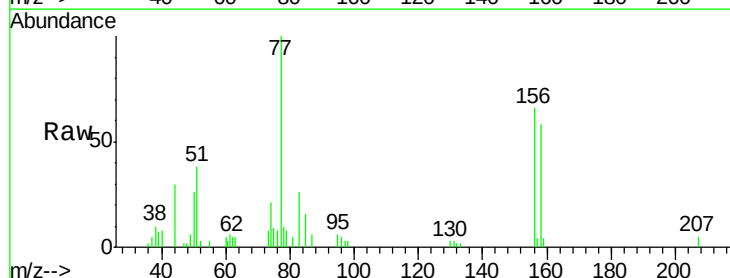
Manual Integrations
APPROVED

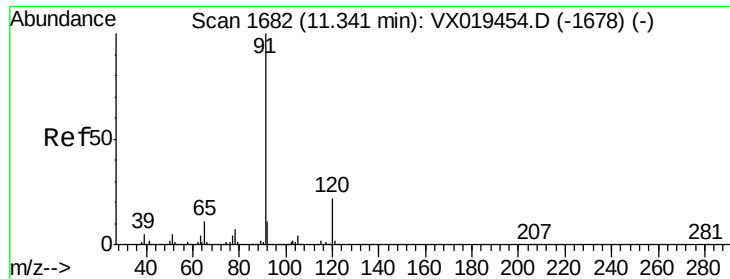
MMDadoda
11/19/2020 11:57:53 AM



#77
Bromobenzene
Concen: 0.826 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
156	100		
77	186.3	91.3	274.1
158	96.1	48.3	144.9





#78

n-propylbenzene

Concen: 0.818 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 10059

Ion Ratio Lower Upper

91 100

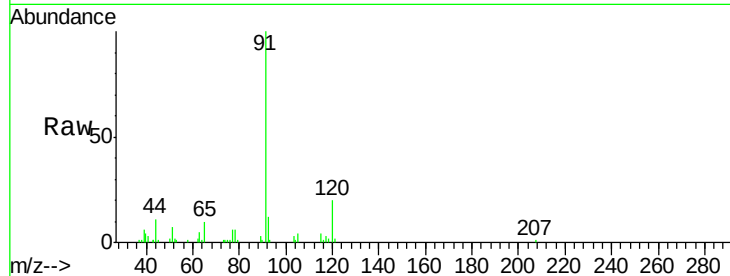
120 21.7 11.1 33.3

Manual Integrations

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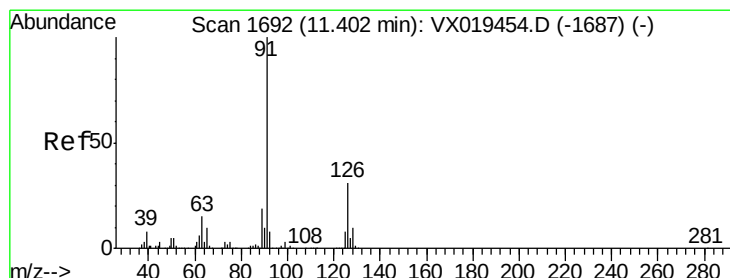
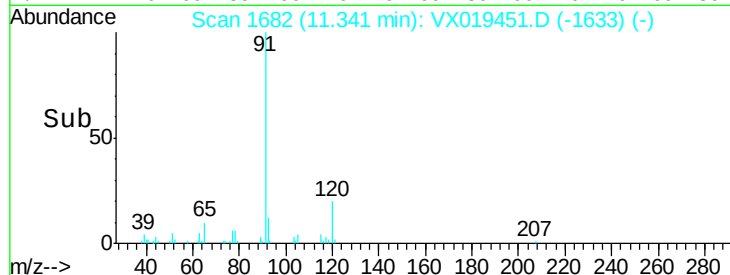
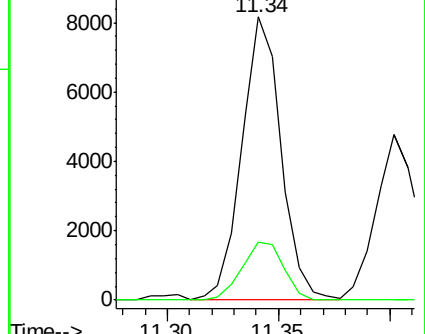
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.847 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019451.D

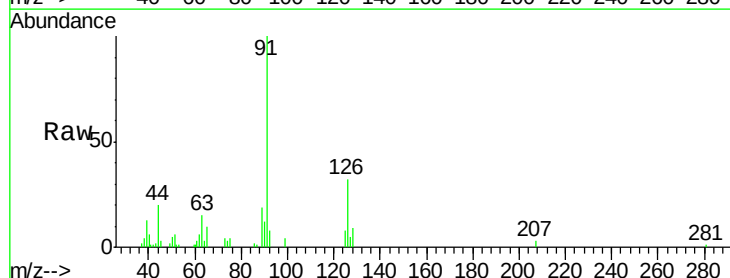
Acq: 18 Nov 2020 13:21

Tgt Ion: 91 Resp: 6164

Ion Ratio Lower Upper

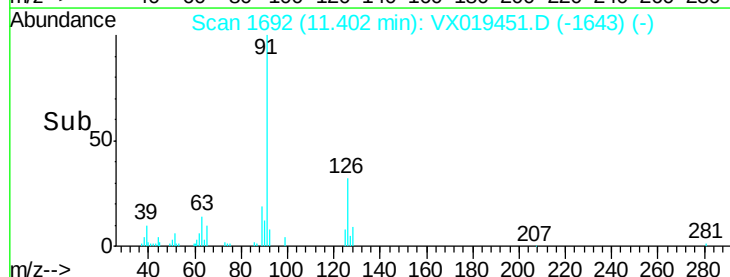
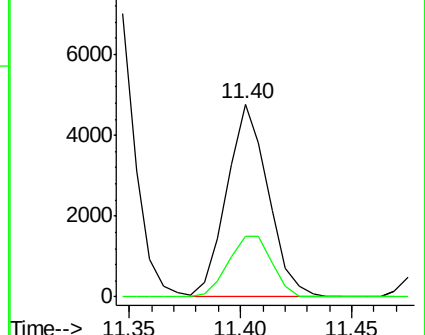
91 100

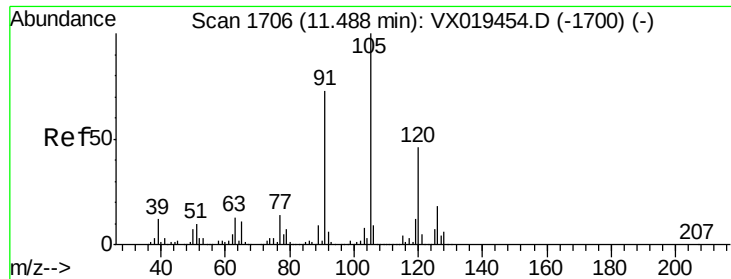
126 33.2 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





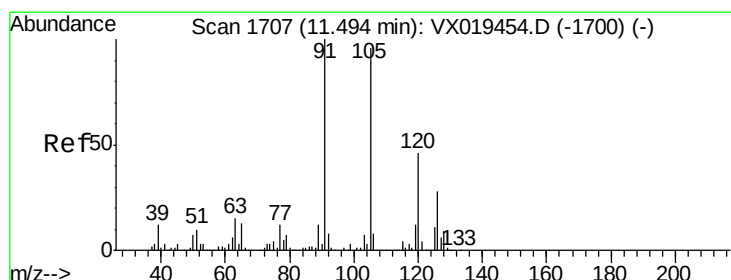
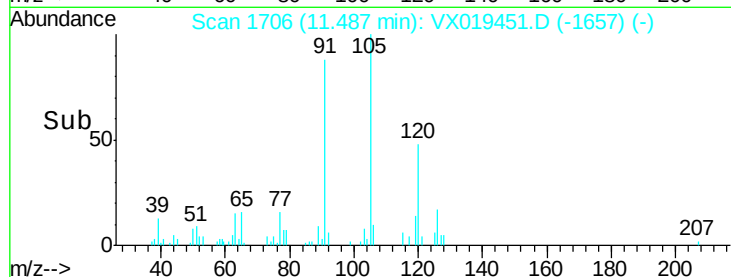
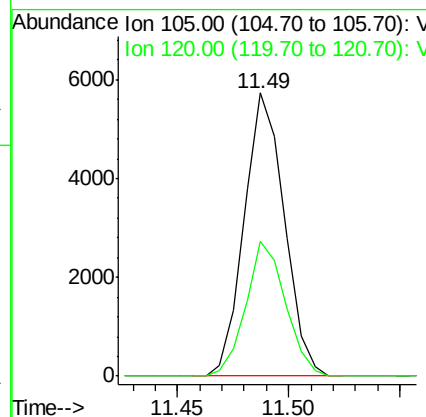
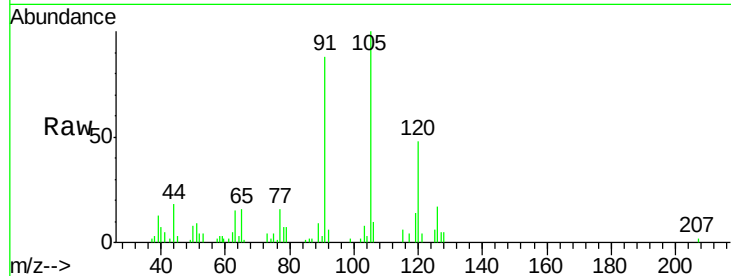
#80
 1,3,5-Trimethylbenzene
 Concen: 0.792 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.6	70.8

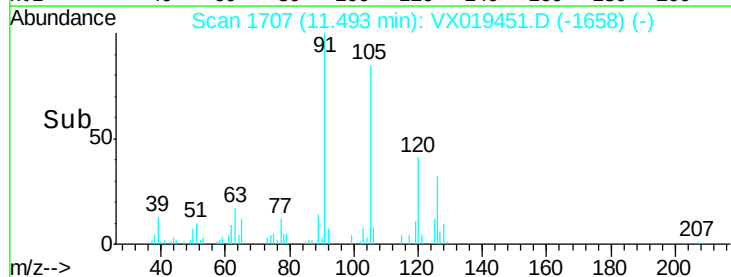
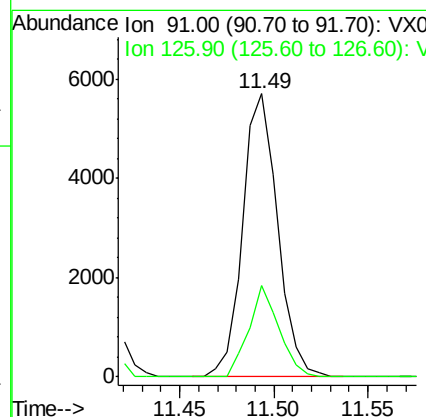
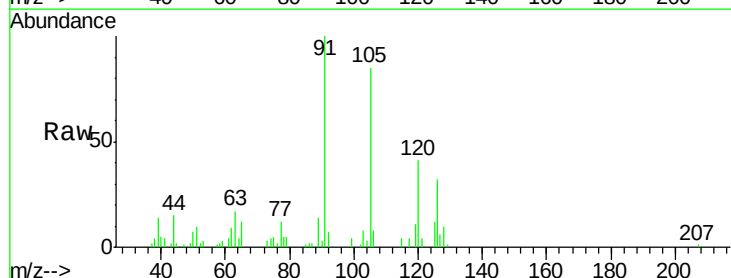
Manual Integrations
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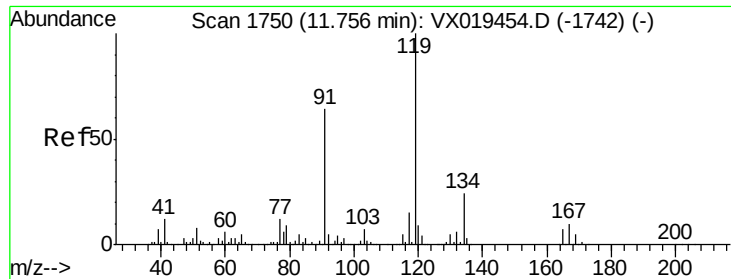
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 11/19/2020 11:57:53 AM



#82
 4-Chlorotoluene
 Concen: 0.825 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.0	14.1	42.2





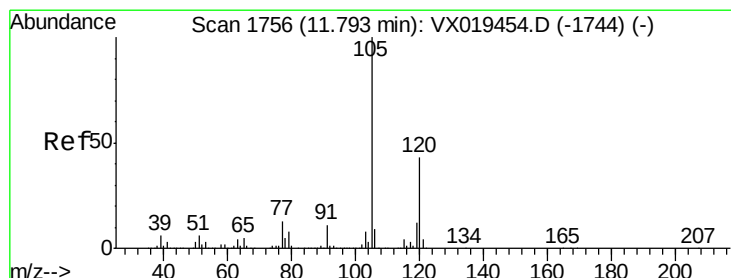
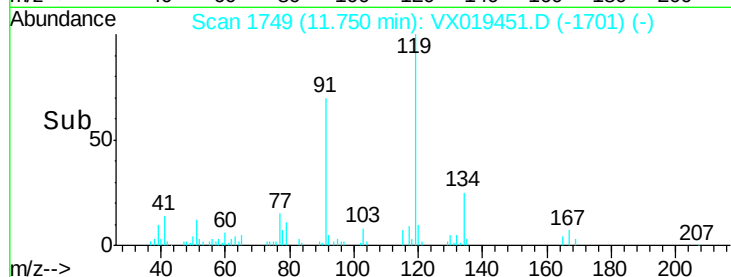
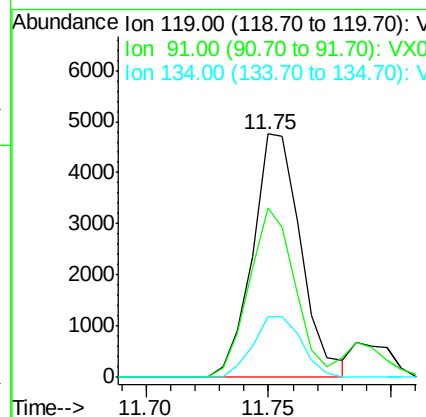
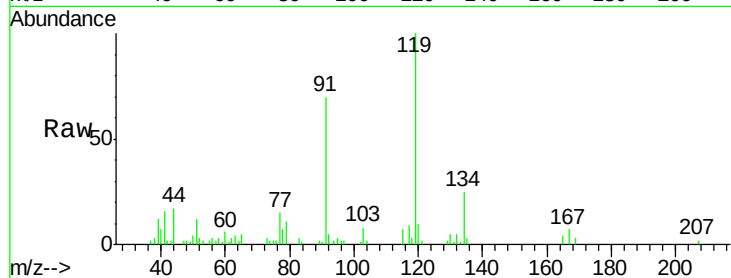
#83
tert-Butylbenzene
Concen: 0.762 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	31.1	93.2
134	25.0	11.6	34.7

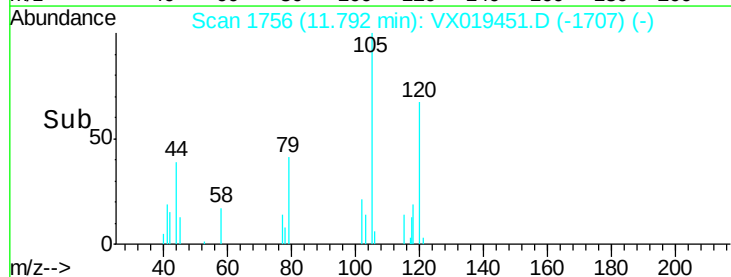
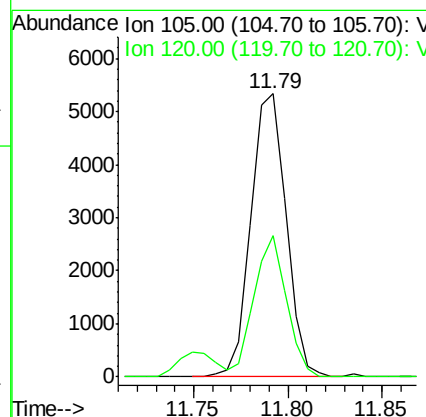
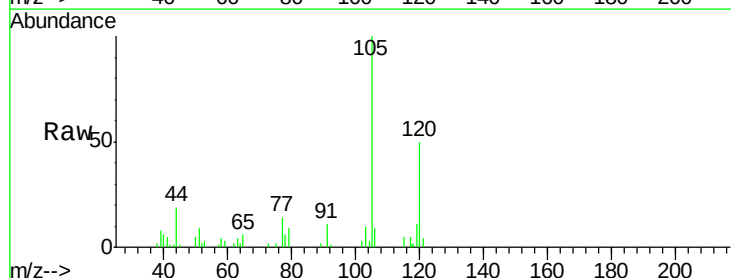
Manual Integrations
APPROVED

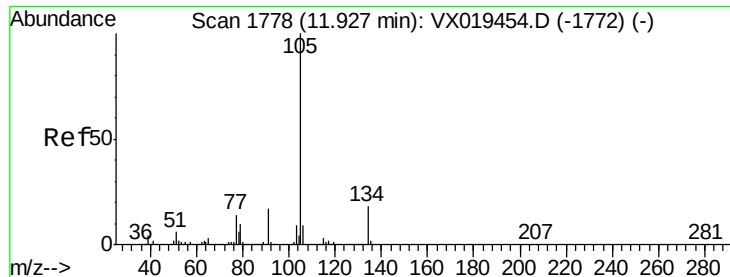
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11/19/2020 11:57:53 AM



#84
1,2,4-Trimethylbenzene
Concen: 0.754 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	21.5	64.5





#85

sec-Butylbenzene

Concen: 0.750 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 7812

Ion Ratio Lower Upper

105 100

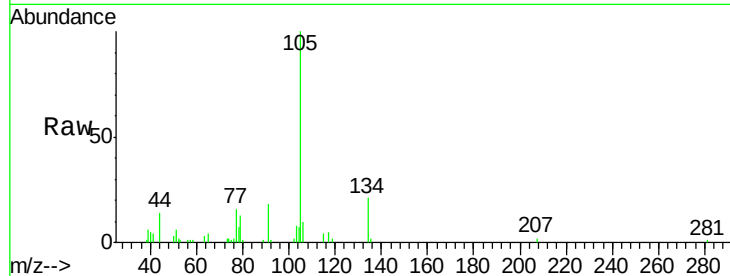
134 18.5 9.6 28.6

Manual Integrations

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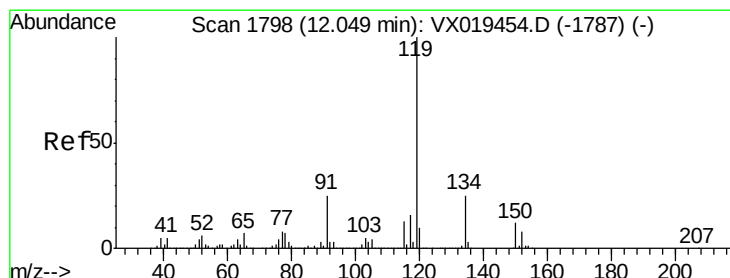
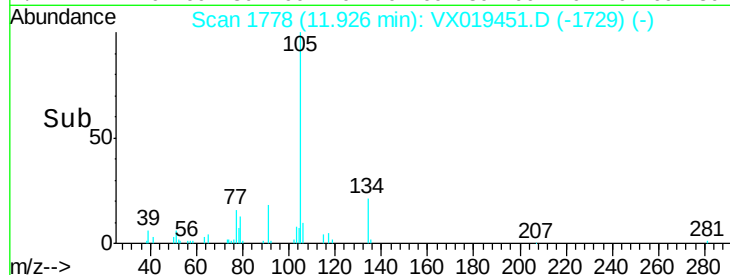
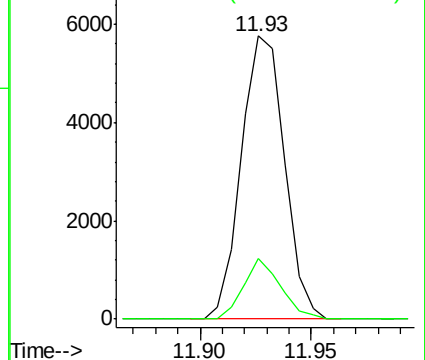
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.704 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

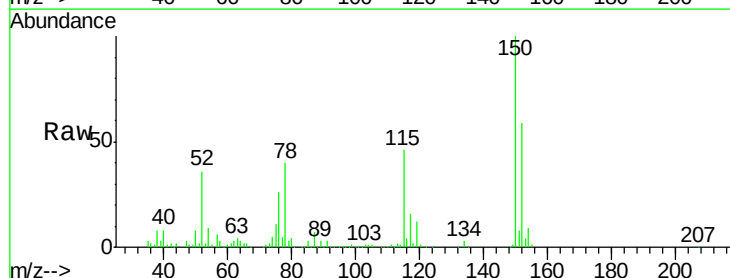
Tgt Ion:119 Resp: 6746

Ion Ratio Lower Upper

119 100

134 28.3 12.8 38.3

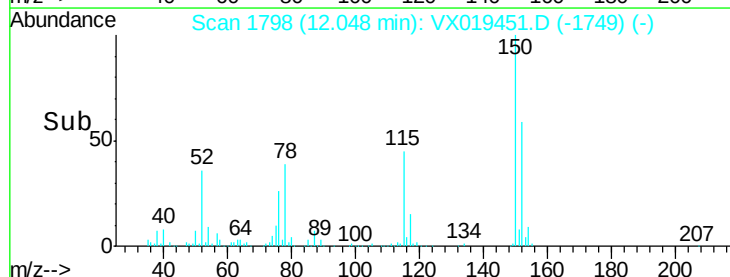
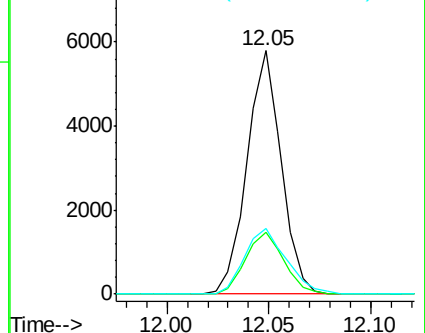
91 32.9 12.6 37.6

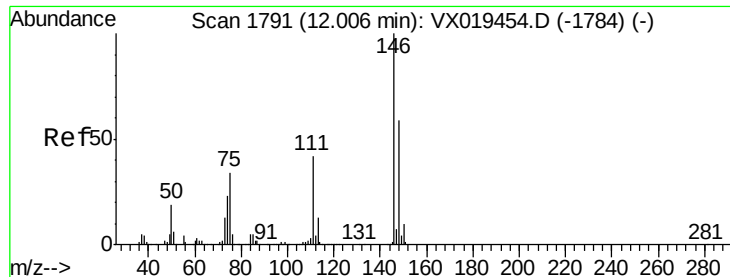


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





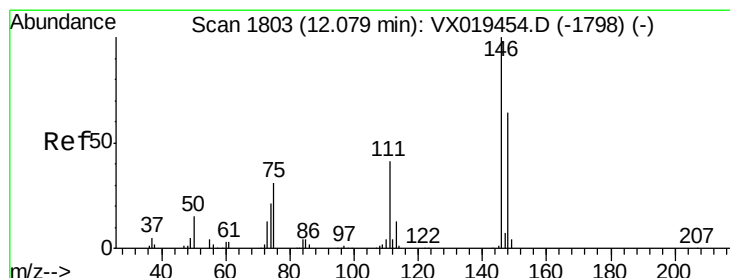
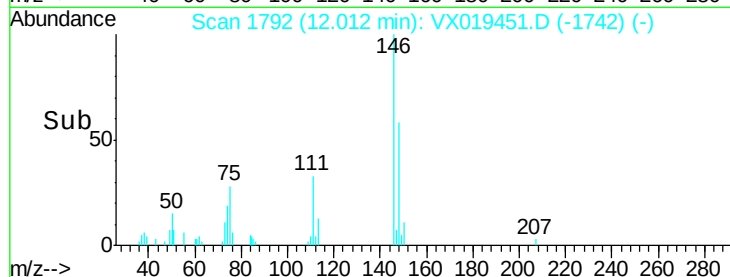
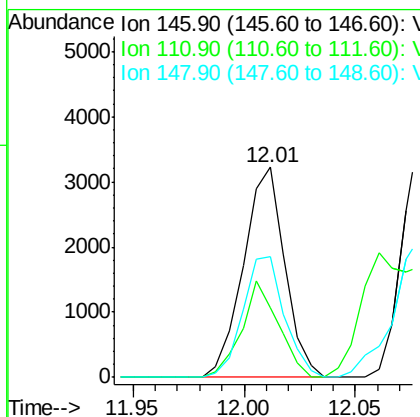
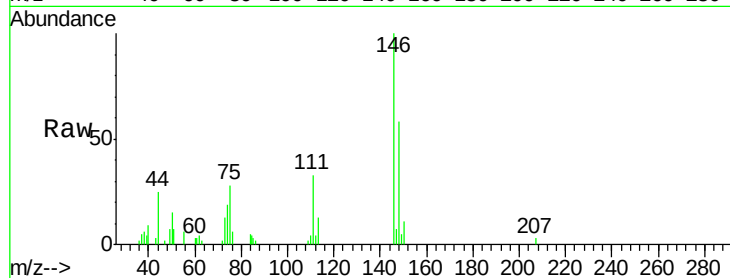
#87
 1,3-Dichlorobenzene
 Concen: 0.847 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.1	63.4
148	57.7	31.1	93.3

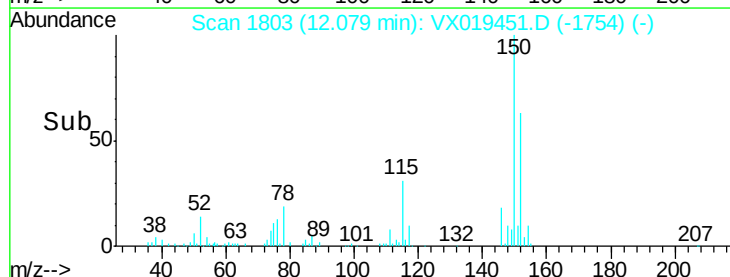
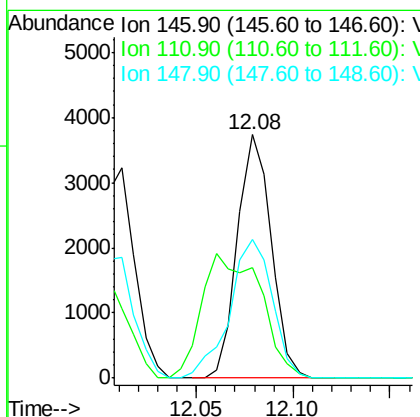
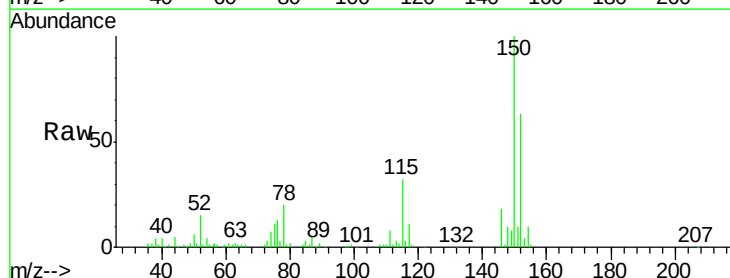
Manual Integrations
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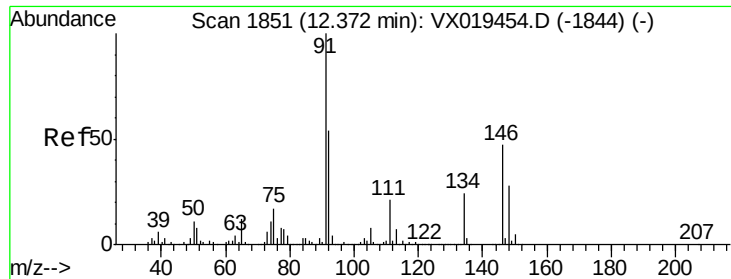
MMDadoda
 11/19/2020 11:57:53 AM



#88
 1,4-Dichlorobenzene
 Concen: 0.879 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.7	62.1
148	53.3	31.4	94.0





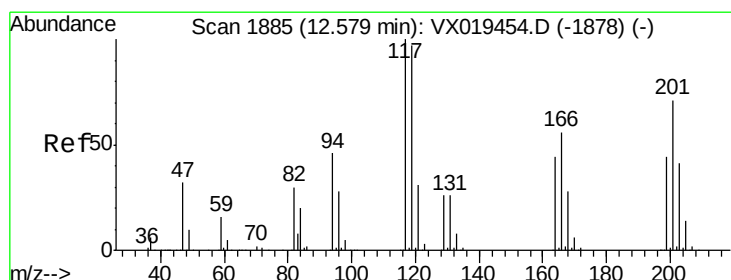
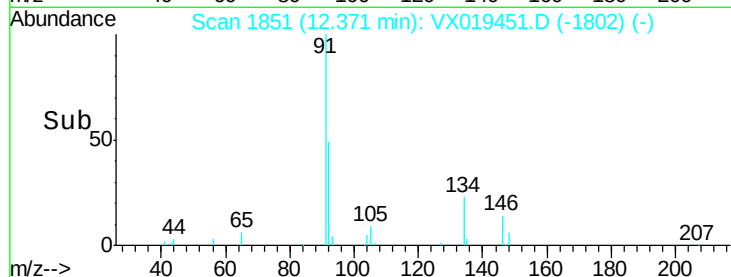
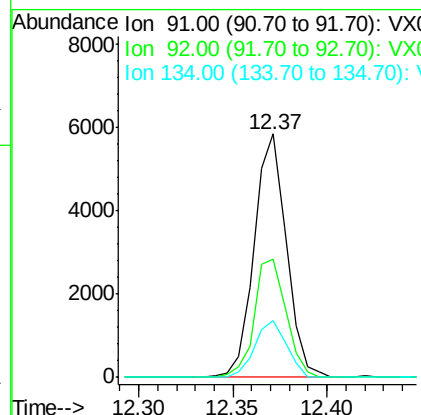
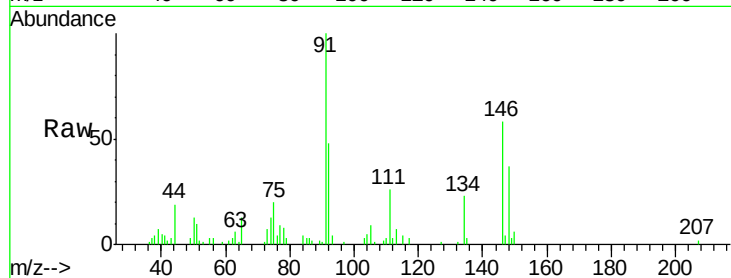
#89
n-Butylbenzene
Concen: 0.766 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.2	27.0	81.0
134	22.6	12.0	36.1

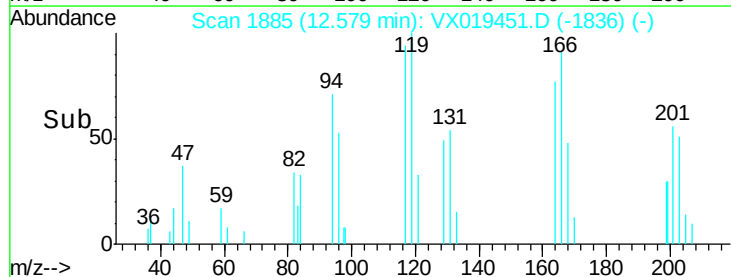
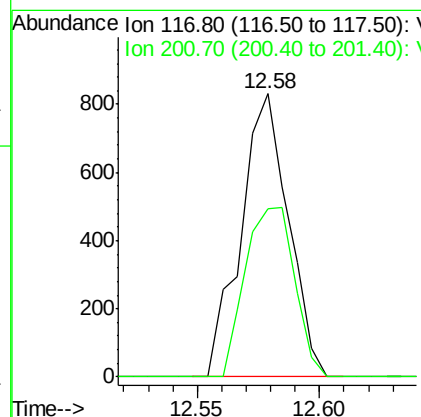
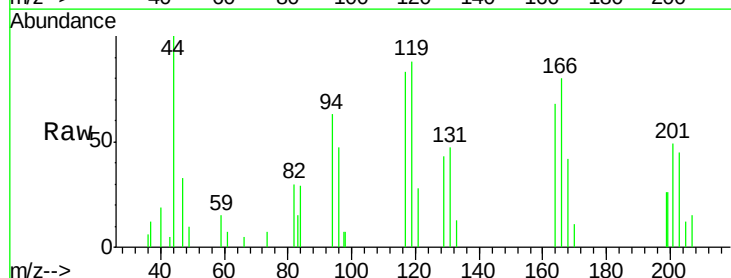
Manual Integrations
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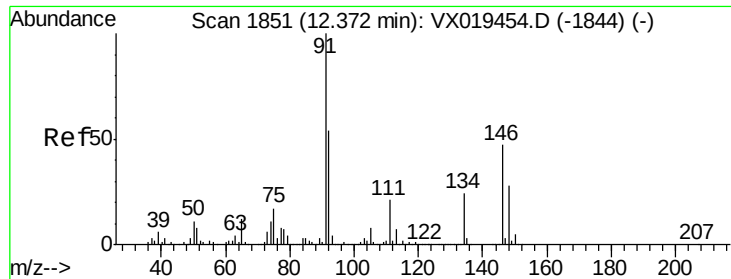
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#90
Hexachloroethane
Concen: 0.699 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.3	35.8	107.3





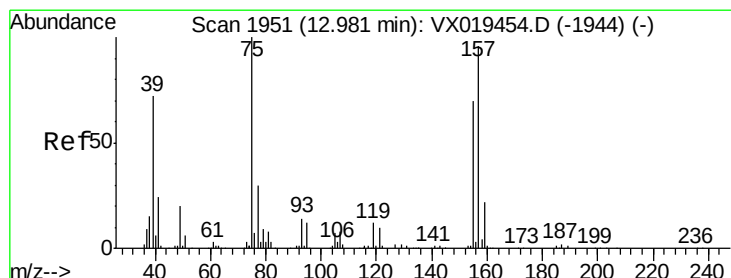
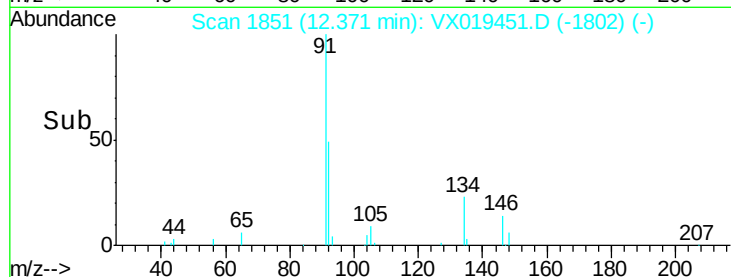
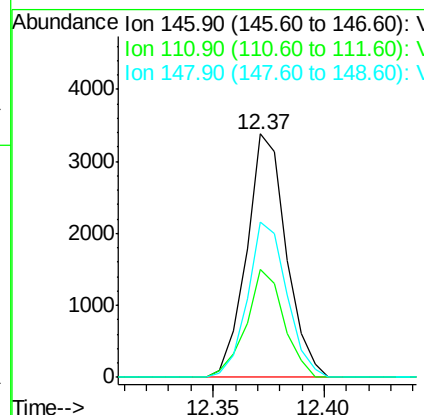
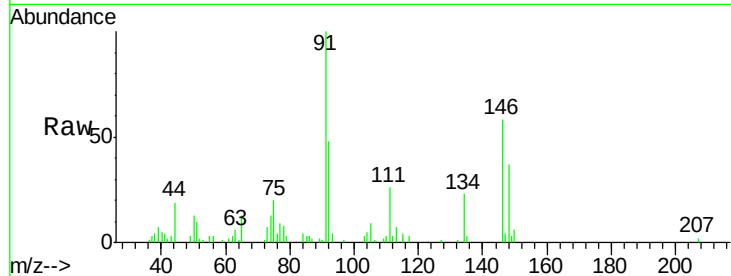
#91
1,2-Dichlorobenzene
Concen: 0.882 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	22.1	66.3
148	63.2	31.2	93.6

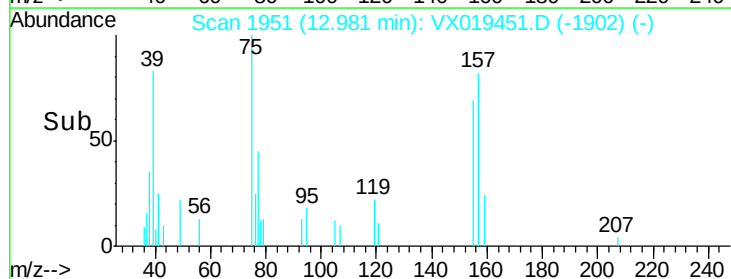
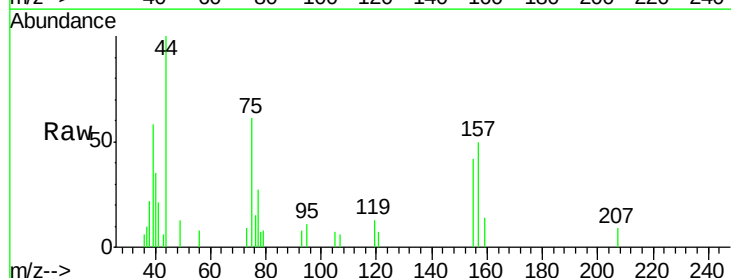
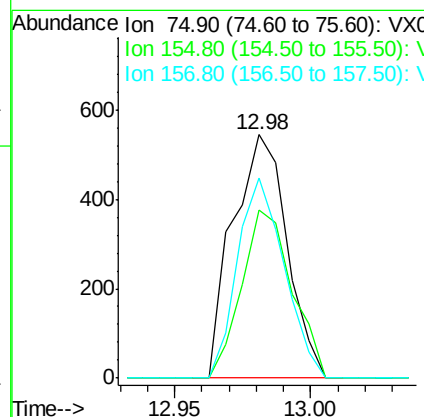
Manual Integrations
APPROVED

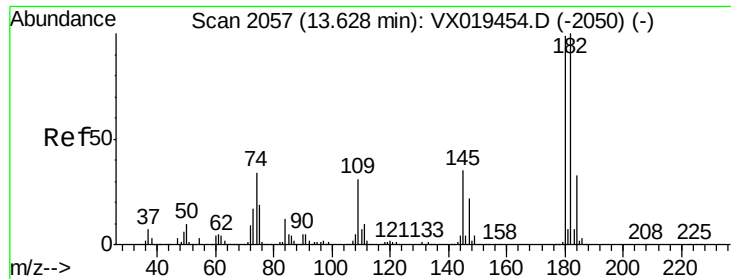
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#92
1,2-Dibromo-3-Chloropropane
Concen: 0.908 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019451.D
Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	64.4	36.4	109.1
157	71.3	47.9	143.8





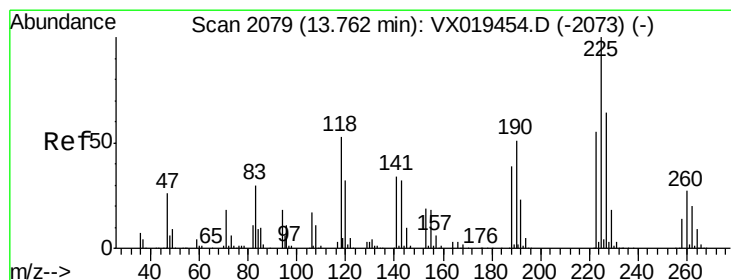
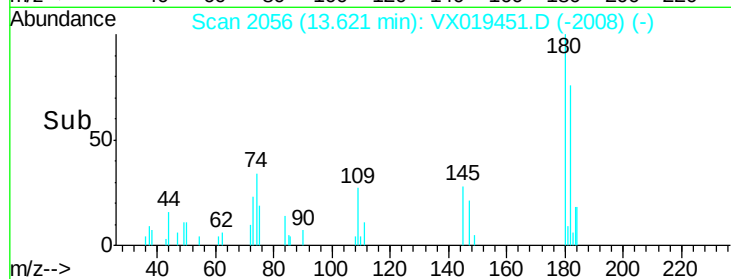
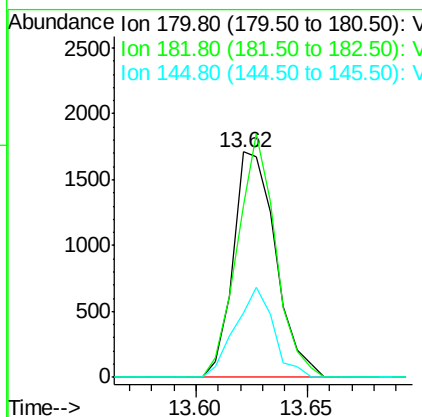
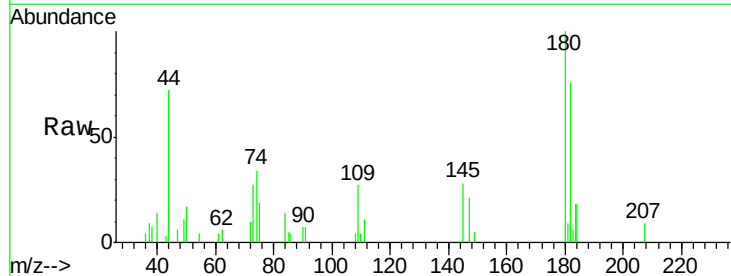
#93
 1,2,4-Trichlorobenzene
 Concen: 0.651 ug/l
 RT: 13.62 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.1	144.4
145	35.9	16.9	50.6

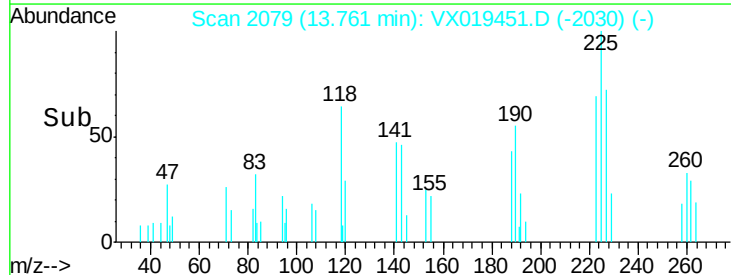
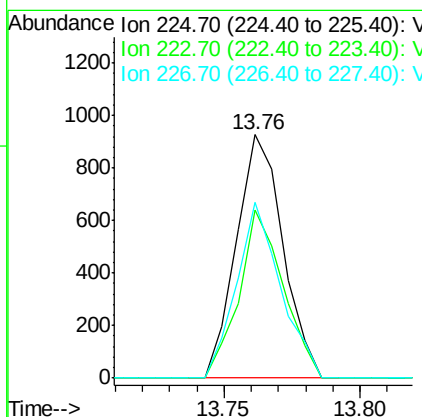
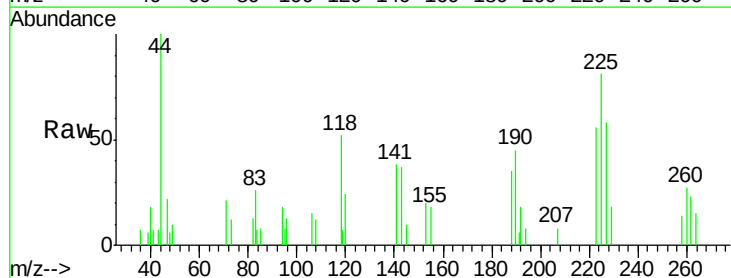
Manual Integrations
 APPROVED

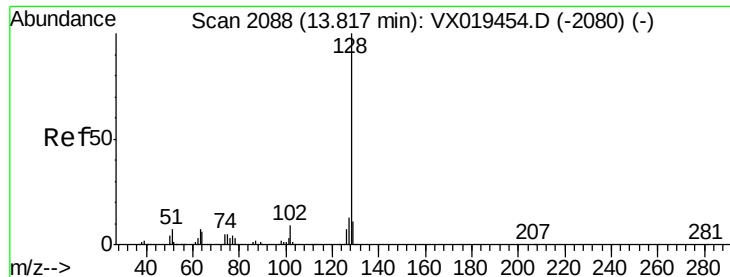
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 11/19/2020 11:57:53 AM



#94
 Hexachlorobutadiene
 Concen: 0.710 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019451.D
 Acq: 18 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	29.9	89.8
227	68.3	32.6	98.0





#95

Naphthalene

Concen: 0.572 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Instrument :

MSVOA_X

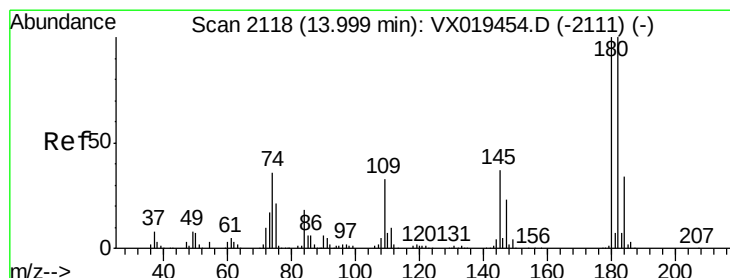
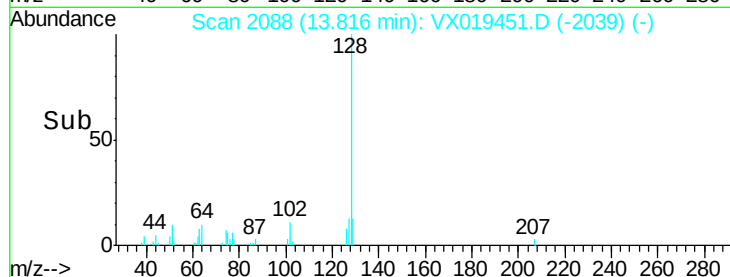
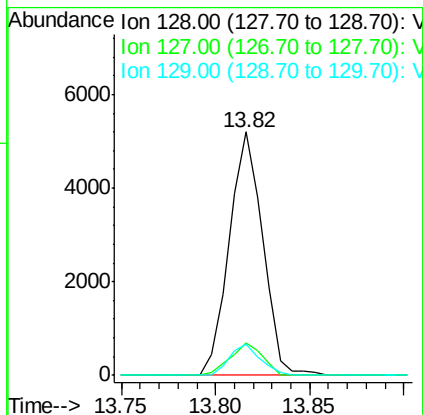
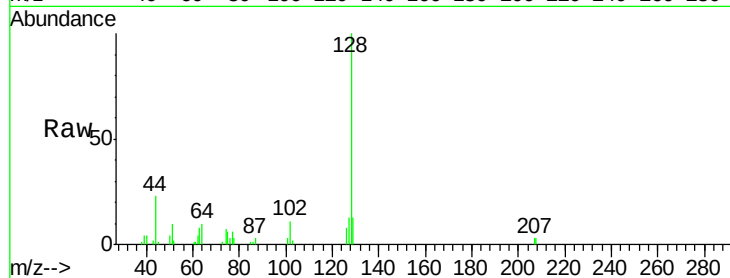
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	6390
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.8	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 0.627 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019451.D

Acq: 18 Nov 2020 13:21

Tgt Ion:	180	Resp:	2137
Ion	Ratio	Lower	Upper
180	100		
182	93.2	49.0	147.0
145	37.6	17.6	52.8

