

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019332.D
 Acq On : 06 Nov 2020 11:37
 Operator : JC/MD
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 9:37:20 AM

Quant Time: Nov 07 01:37:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	267749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175160	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	5.46	113	134740	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.70	98	512499	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.12	95	203000	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	40975	18.357	ug/l	99
3) Chloromethane	1.31	50	47195	18.925	ug/l	99
4) Vinyl Chloride	1.40	62	54698	18.913	ug/l	98
5) Bromomethane	1.64	94	40689	20.602	ug/l	99
6) Chloroethane	1.71	64	36816	19.938	ug/l	98
7) Trichlorofluoromethane	1.92	101	86515	19.042	ug/l	96
8) Diethyl Ether	2.17	74	35567	20.397	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48712	19.343	ug/l	97
10) Methyl Iodide	2.50	142	46245	19.951	ug/l	100
11) Tert butyl alcohol	3.01	59	68210	100.014	ug/l	99
12) 1,1-Dichloroethene	2.36	96	48130	18.547	ug/l	97
13) Acrolein	2.27	56	22659	78.279	ug/l	100
14) Allyl chloride	2.71	41	77775	19.787	ug/l	99
15) Acrylonitrile	3.11	53	146098	101.942	ug/l	99
16) Acetone	2.42	43	126286	106.015	ug/l	99
17) Carbon Disulfide	2.55	76	126369	17.584	ug/l	100
18) Methyl Acetate	2.75	43	64009	22.097	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	185286	20.607	ug/l	98
20) Methylene Chloride	2.84	84	57740	19.307	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	55679	18.643	ug/l	96
22) Diisopropyl ether	3.82	45	167009	21.313	ug/l	97
23) Vinyl Acetate	3.78	43	723862	103.587	ug/l	98
24) 1,1-Dichloroethane	3.67	63	98505	20.133	ug/l	100
25) 2-Butanone	4.63	43	198996	105.998	ug/l	96
26) 2,2-Dichloropropane	4.55	77	88972	19.344	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	64801	19.416	ug/l	97
28) Bromochloromethane	4.98	49	46656	20.976	ug/l	93
29) Tetrahydrofuran	5.09	42	122959	103.930	ug/l	98
30) Chloroform	5.17	83	103647	19.902	ug/l	98
31) Cyclohexane	5.55	56	85089	19.494	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	92824	19.660	ug/l	100
36) 1,1-Dichloropropene	5.77	75	78743	19.130	ug/l	98
37) Ethyl Acetate	4.79	43	76812	20.098	ug/l	99
38) Carbon Tetrachloride	5.75	117	78564	18.725	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	92813	18.858	ug/l	97
40) Benzene	6.11	78	227660	19.507	ug/l	99
41) Methacrylonitrile	5.00	41	41775	20.297	ug/l	98
42) 1,2-Dichloroethane	6.16	62	86628	20.140	ug/l	98
43) Isopropyl Acetate	6.41	43	128155	20.026	ug/l	99
44) Trichloroethene	7.18	130	61378	18.363	ug/l	96
45) 1,2-Dichloropropane	7.49	63	58195	20.358	ug/l	99
46) Dibromomethane	7.63	93	41522	19.643	ug/l	95
47) Bromodichloromethane	7.87	83	81111	19.468	ug/l	98
48) Methyl methacrylate	7.74	41	61846	20.079	ug/l	99
49) 1,4-Dioxane	7.71	88	26632	388.806	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	382351	103.956	ug/l	99
52) Toluene	8.76	92	146063	19.432	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91084	19.140	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	98108	19.605	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	58463	19.685	ug/l	100
56) Ethyl methacrylate	9.16	69	89733	20.003	ug/l	98
57) 1,3-Dichloropropane	9.35	76	101102	20.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	234018	93.278	ug/l	96
59) 2-Hexanone	9.47	43	295355	105.494	ug/l	99
60) Dibromochloromethane	9.56	129	61239	19.000	ug/l	100
61) 1,2-Dibromoethane	9.65	107	62361	19.636	ug/l	100
64) Tetrachloroethene	9.32	164	59368	18.926	ug/l	98
65) Chlorobenzene	10.12	112	156066	18.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	56111	18.522	ug/l	99
67) Ethyl Benzene	10.23	91	282204	18.820	ug/l	99
68) m/p-Xylenes	10.34	106	212321	37.727	ug/l	98
69) o-Xylene	10.68	106	101225	18.963	ug/l	99
70) Styrene	10.70	104	172192	18.906	ug/l	99
71) Bromoform	10.84	173	42522	17.703	ug/l #	100
73) Isopropylbenzene	11.00	105	276235	18.633	ug/l	99
74) N-amyl acetate	10.88	43	106127	19.579	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	89509	19.319	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	86987m	20.115	ug/l	
77) Bromobenzene	11.24	156	67579	18.367	ug/l	93
78) n-propylbenzene	11.34	91	323514	19.117	ug/l	99
79) 2-Chlorotoluene	11.40	91	191258	19.196	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	235147	18.776	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	28224	17.185	ug/l	94
82) 4-Chlorotoluene	11.49	91	231098	18.994	ug/l	98
83) tert-Butylbenzene	11.76	119	222303	18.538	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	239991	18.981	ug/l	98
85) sec-Butylbenzene	11.93	105	274026	19.053	ug/l	99
86) p-Isopropyltoluene	12.05	119	254928	19.204	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	125703	18.345	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	125557	17.603	ug/l	95
89) n-Butylbenzene	12.37	91	233670	18.726	ug/l	98
90) Hexachloroethane	12.58	117	40706	18.040	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	119173	18.113	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19489	17.183	ug/l	96

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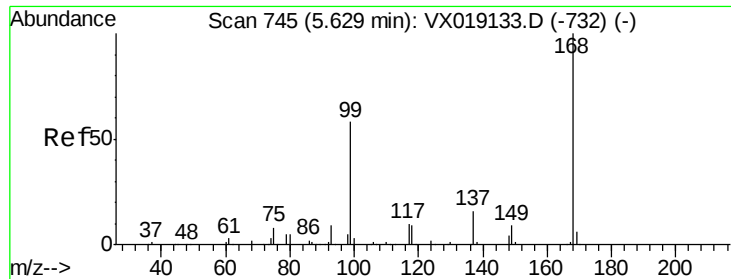
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	82755	16.745	ug/l	98
94) Hexachlorobutadiene	13.76	225	34416	15.820	ug/l	97
95) Naphthalene	13.82	128	271455	17.440	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	80661	16.824	ug/l	99

(#) = 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: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tot Ion:168 Resp: 267749

Ion Ratio Lower Upper

168 100

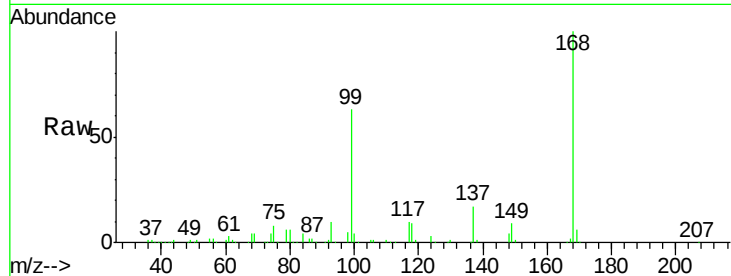
99 62.7 46.6 69.8

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

100000

80000

60000

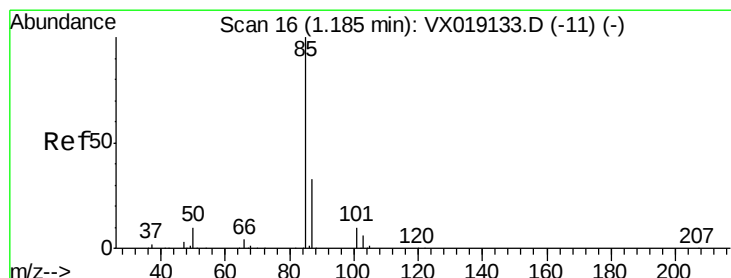
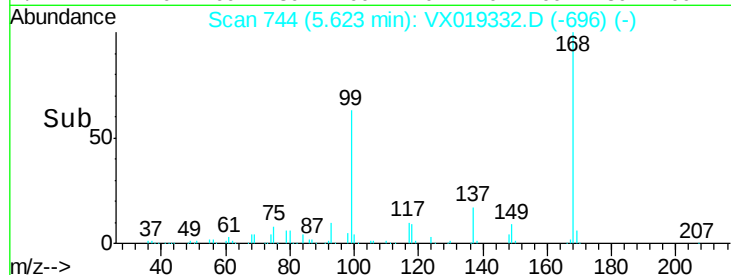
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.357 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019332.D

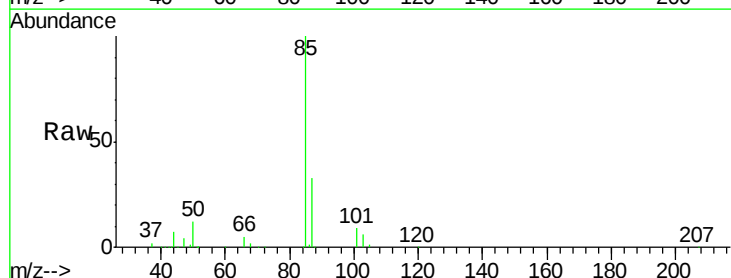
Acq: 06 Nov 2020 11:37

Tgt Ion: 85 Resp: 40975

Ion Ratio Lower Upper

85 100

87 32.8 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

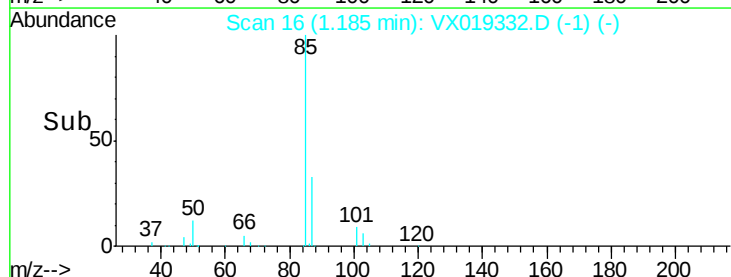
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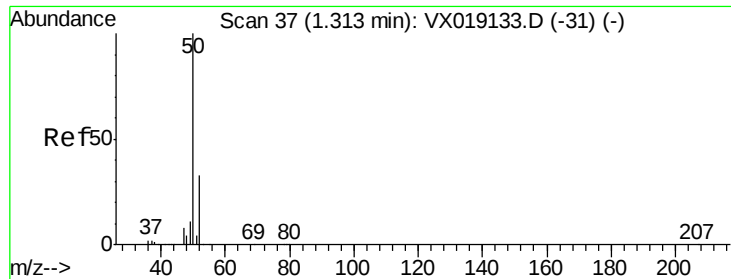
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.925 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tot Ion: 50 Resp: 47195

Ion Ratio Lower Upper

50 100

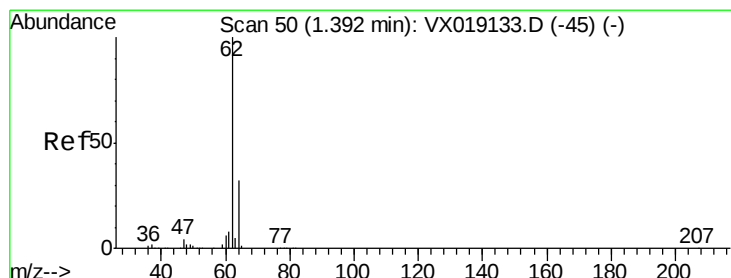
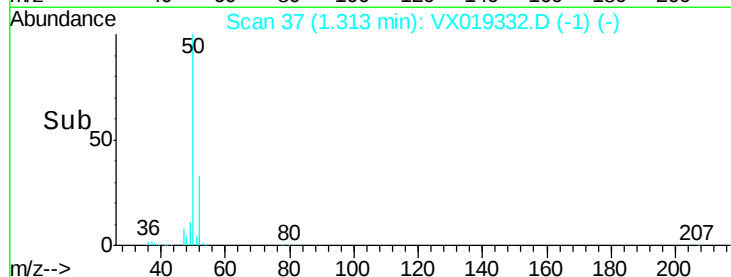
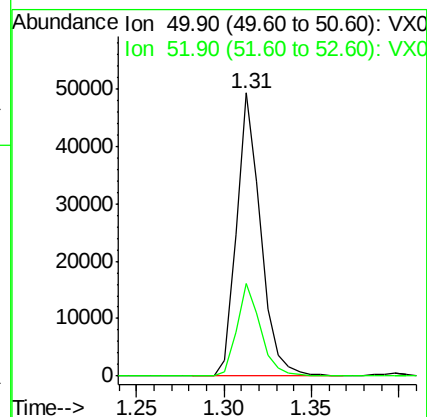
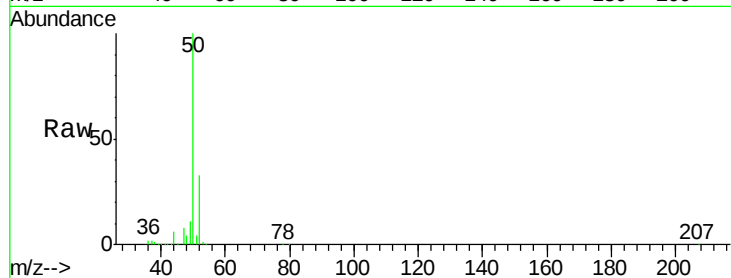
52 32.8 26.8 40.2

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#4

Vinyl Chloride

Concen: 18.913 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX019332.D

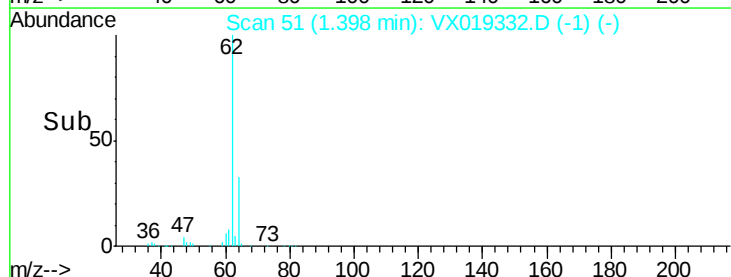
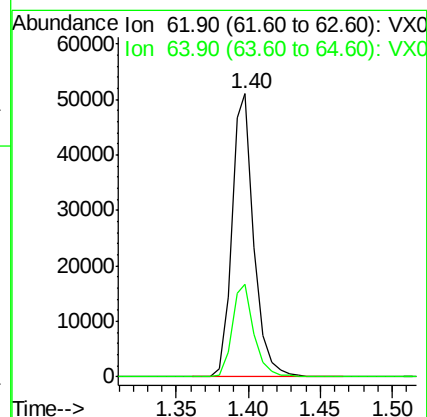
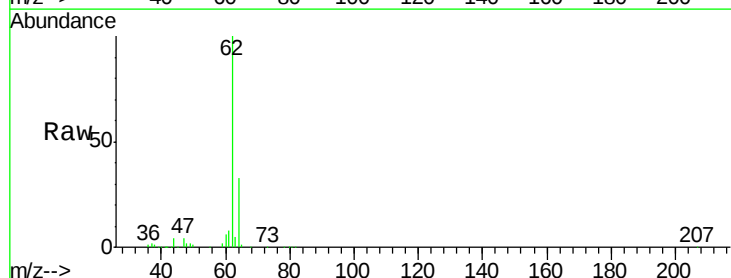
Acq: 06 Nov 2020 11:37

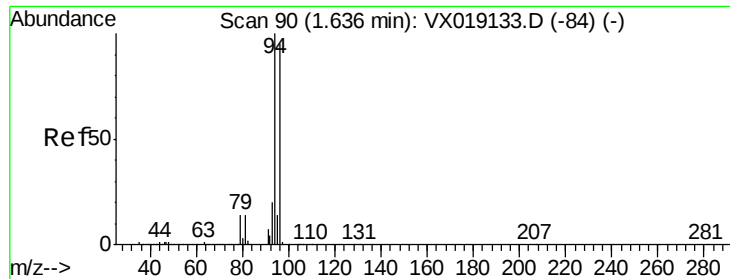
Tgt Ion: 62 Resp: 54698

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 20.602 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tot Ion: 94 Resp: 40689

Ion Ratio Lower Upper

94 100

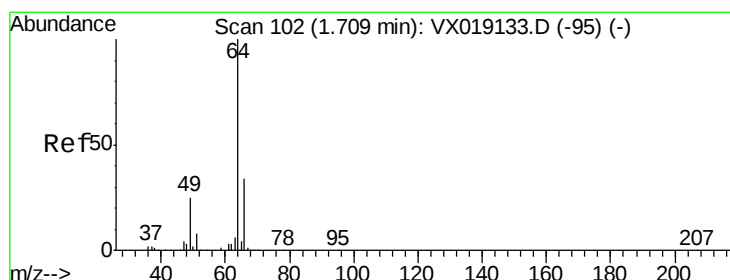
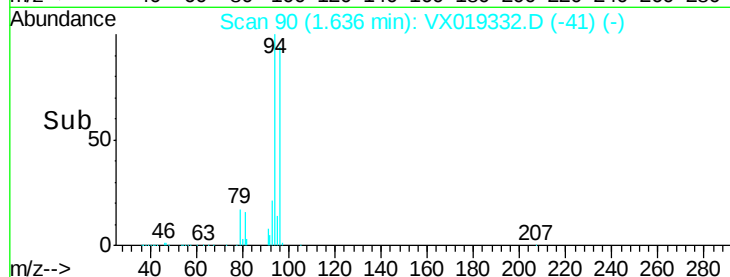
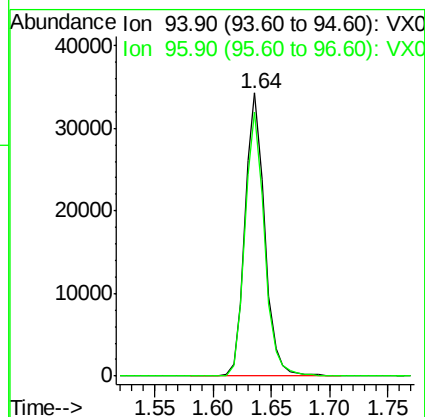
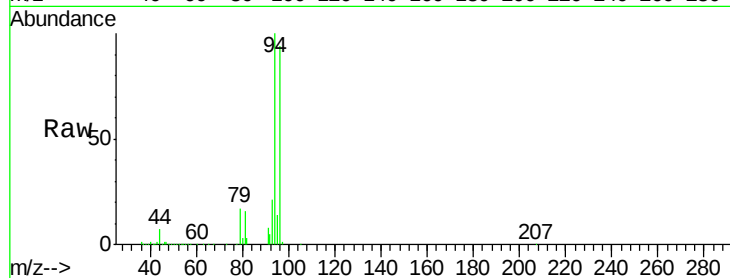
96 93.6 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 19.938 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019332.D

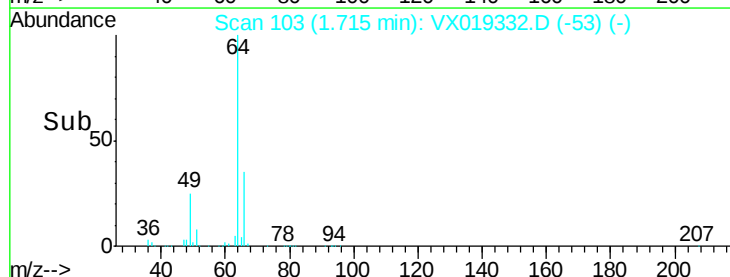
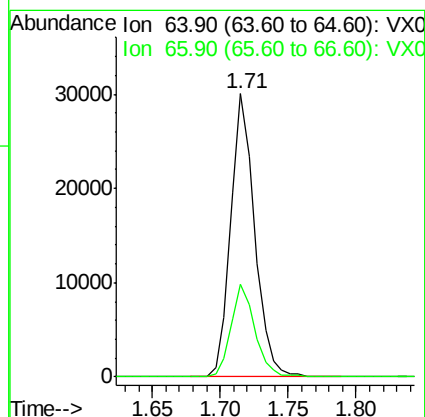
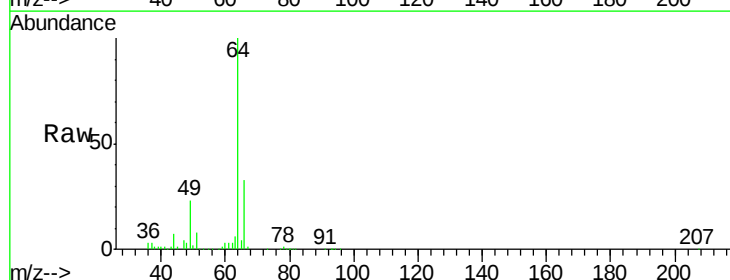
Acq: 06 Nov 2020 11:37

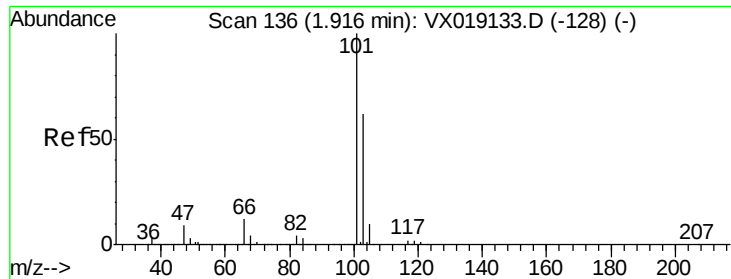
Tgt Ion: 64 Resp: 36816

Ion Ratio Lower Upper

64 100

66 32.6 27.1 40.7





#7

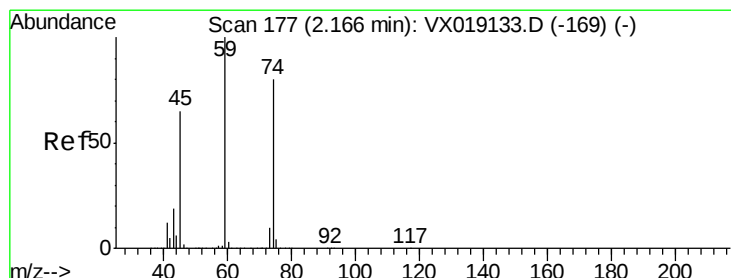
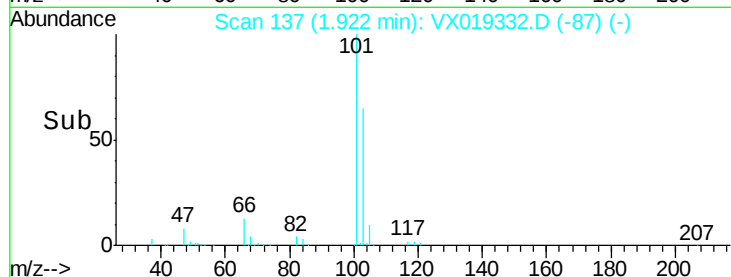
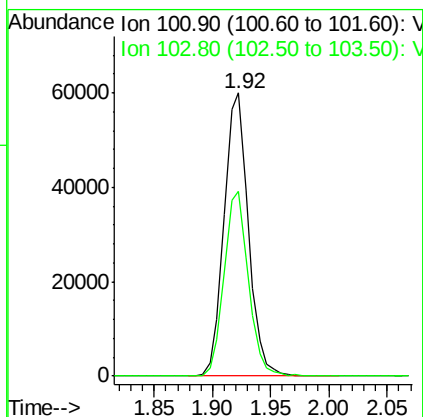
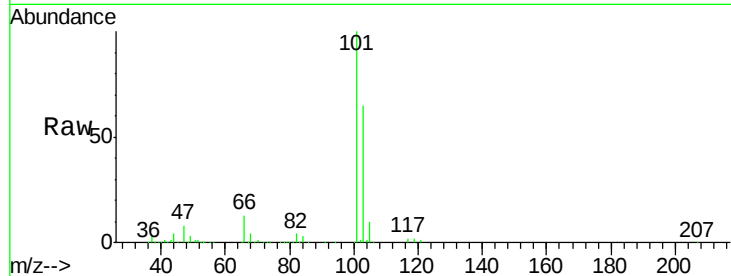
Trichlorofluoromethane
Concen: 19.042 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

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ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.0	75.0

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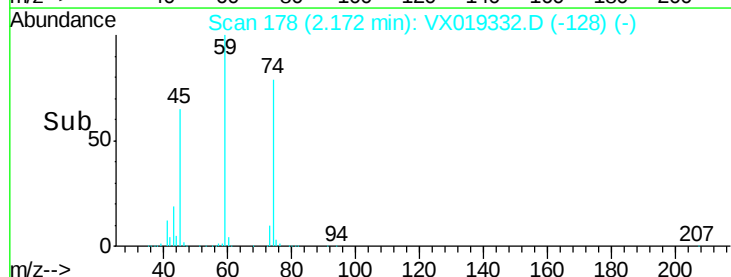
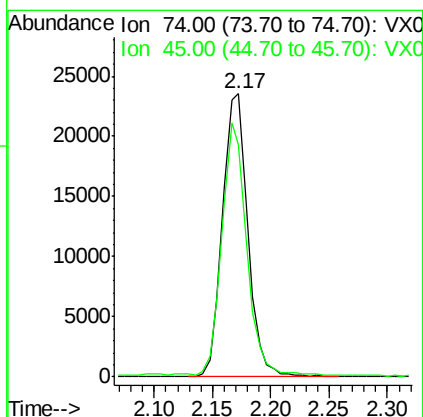
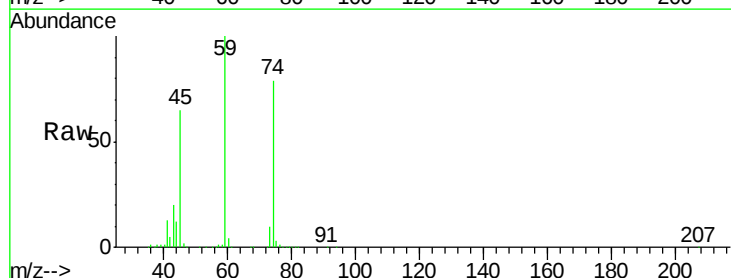
MMDadoda
11/9/2020 9:37:20 AM

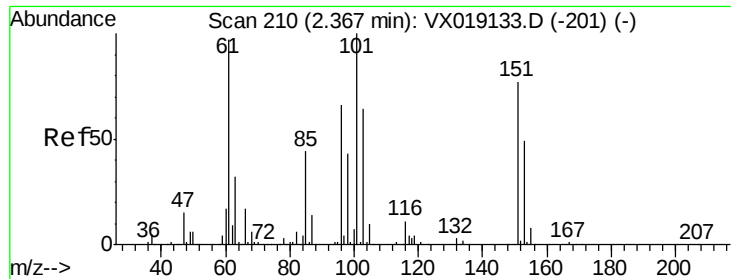


#8

Diethyl Ether
Concen: 20.397 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.0	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.343 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

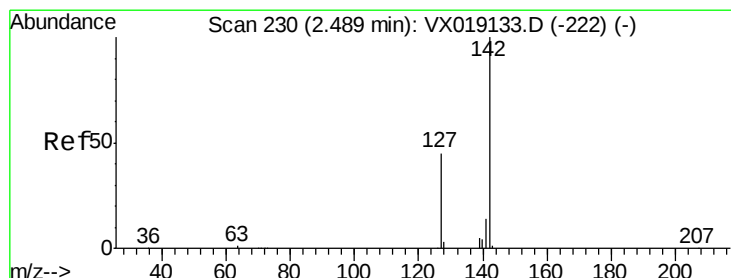
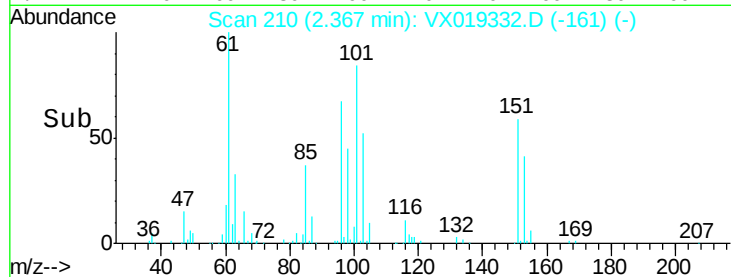
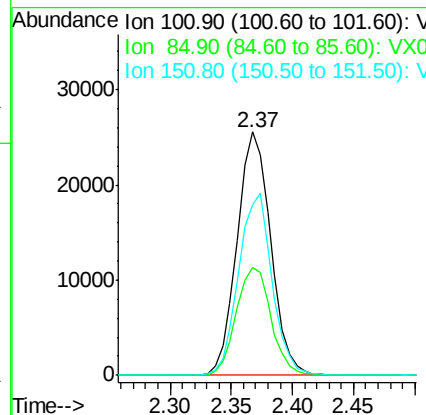
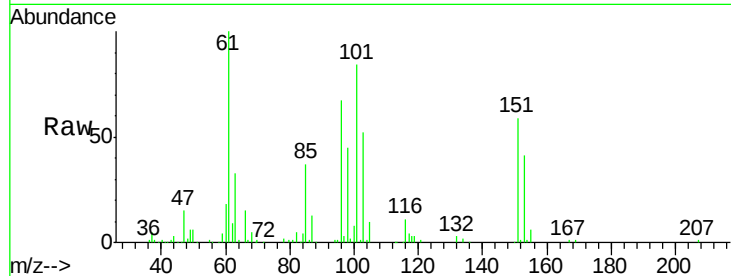
ClientSampleId :

VX1107WBSD01

Tot Ion:	101	Resp:	48712
Ion Ratio	Lower	Upper	
101	100		
85	45.9	35.0	52.4
151	74.3	61.4	92.2

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11/9/2020 9:37:20 AM



#10

Methyl Iodide

Concen: 19.951 ug/l

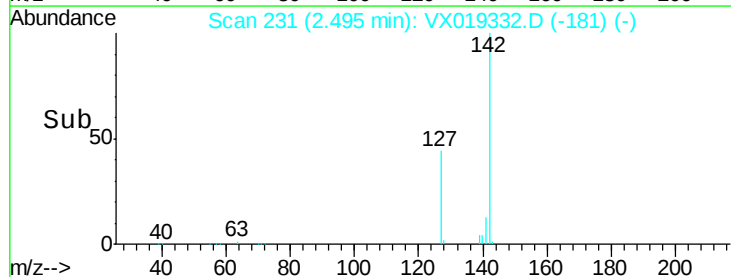
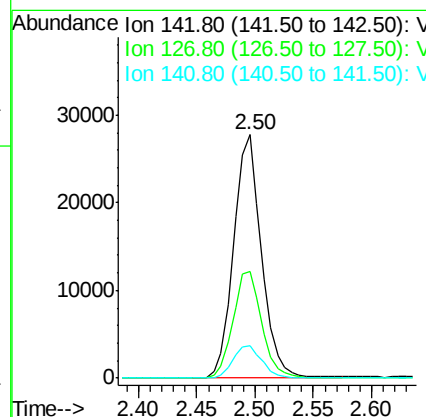
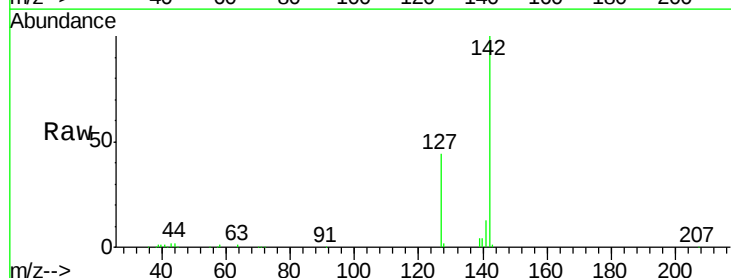
RT: 2.50 min Scan# 231

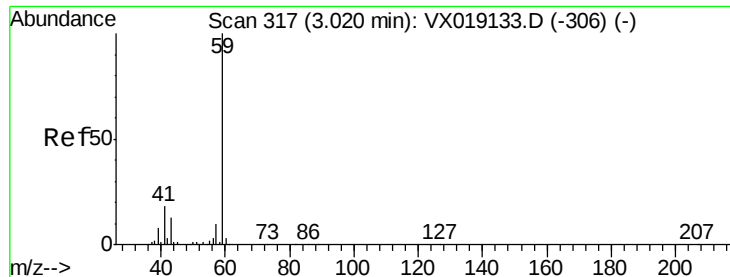
Delta R.T. 0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	142	Resp:	46245
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.1	54.1
141	13.9	11.3	16.9





#11

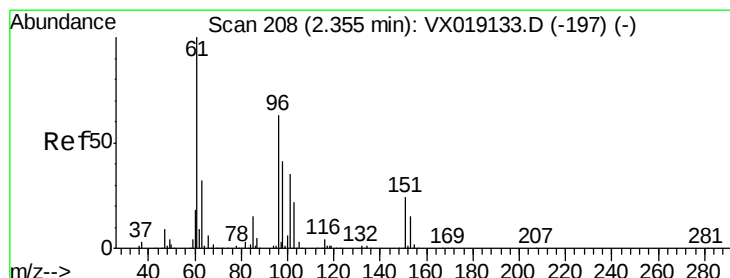
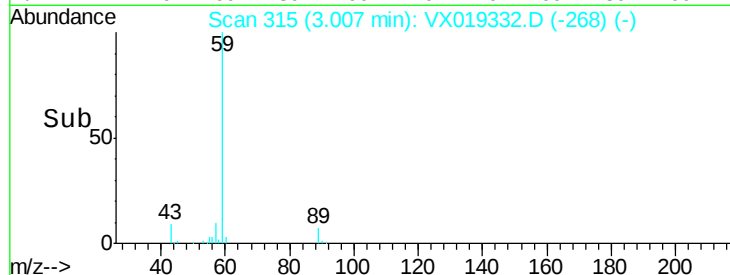
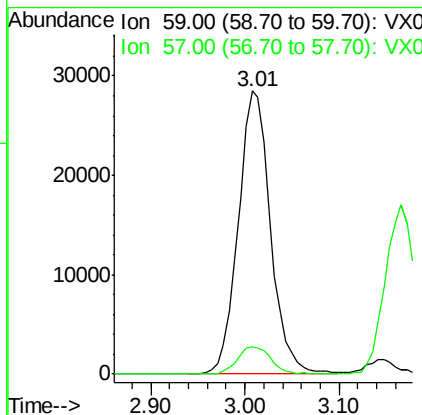
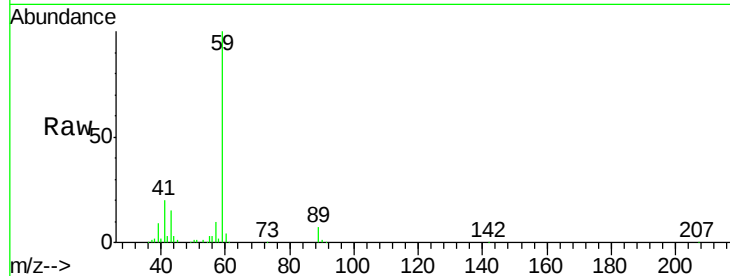
Tert butyl alcohol
Concen: 100.014 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	68210		
57	57	10.3		8.4	12.6

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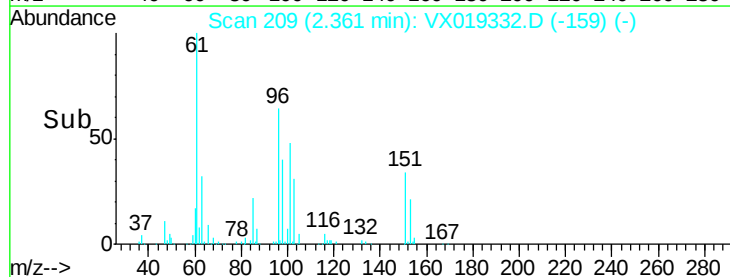
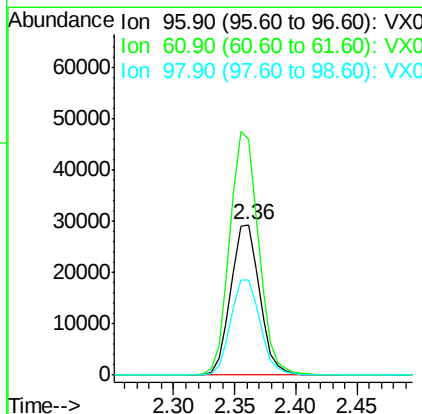
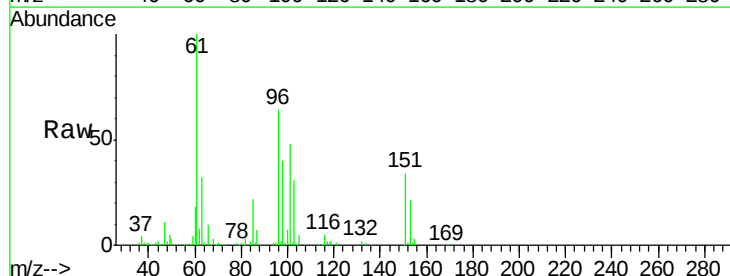
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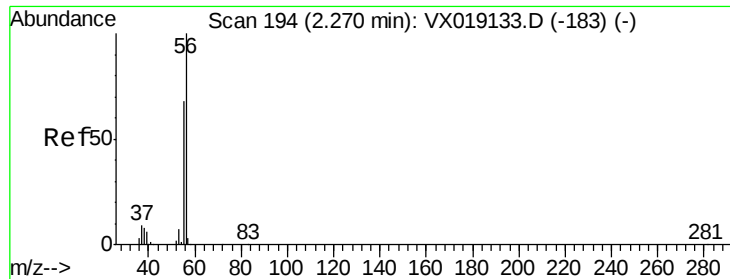


#12

1,1-Dichloroethene
Concen: 18.547 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	48130		
61	61	156.3		127.7	191.5
98	98	62.7		52.1	78.1





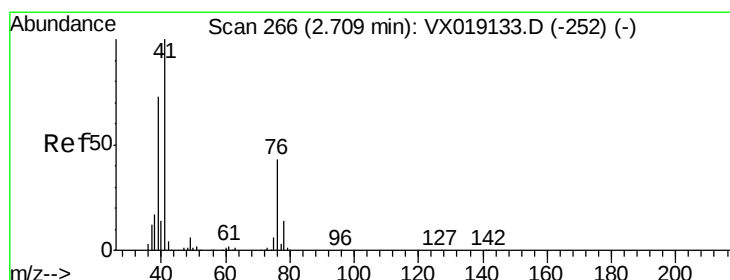
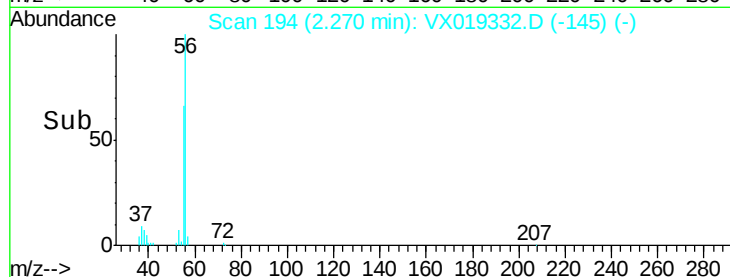
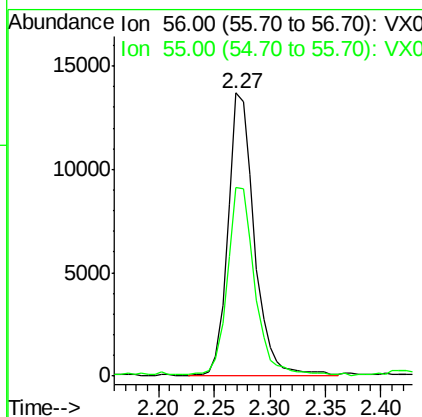
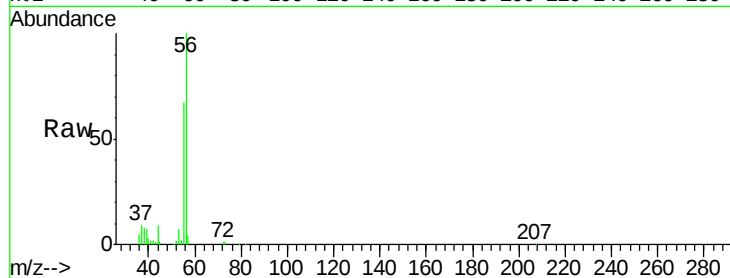
#13
Acrolein
Concen: 78.279 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	68.1	54.7	82.1

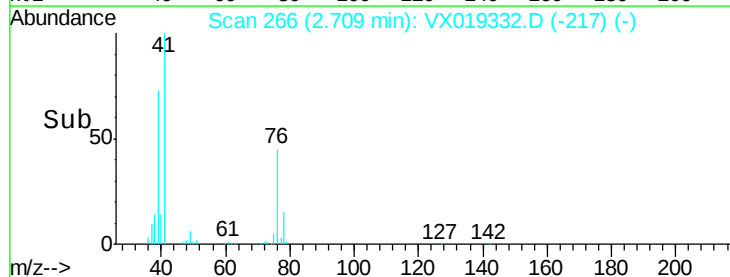
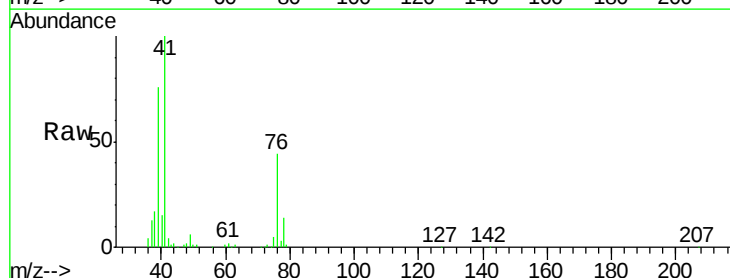
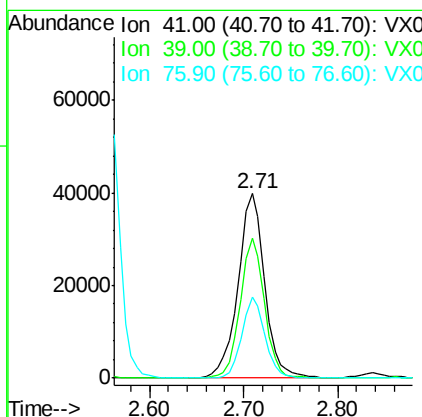
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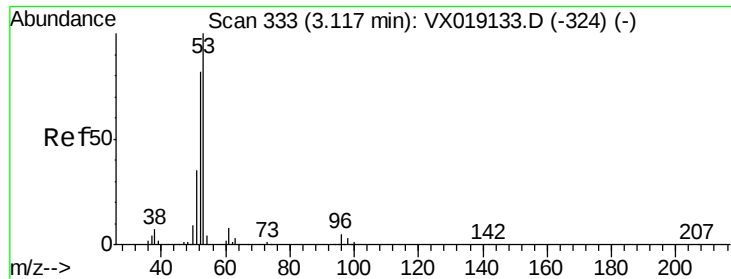
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#14
Allyl chloride
Concen: 19.787 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	69.9	55.2	82.8
76	76	38.3	31.5	47.3





#15

Acrylonitrile

Concen: 101.942 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

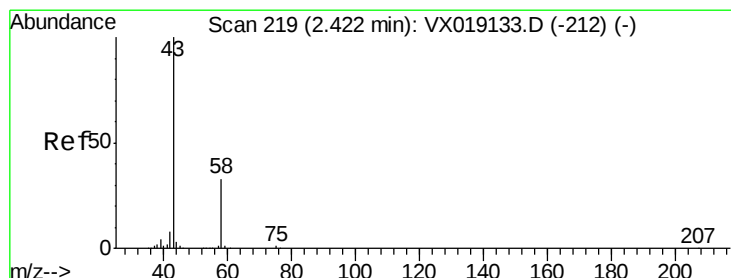
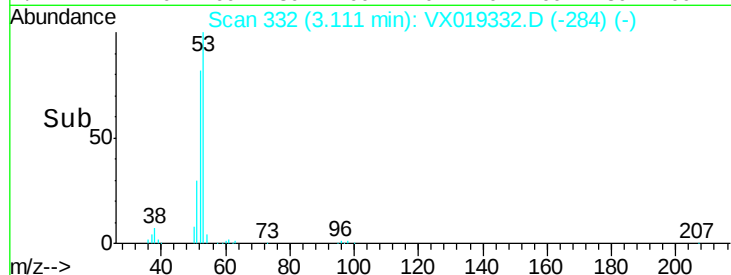
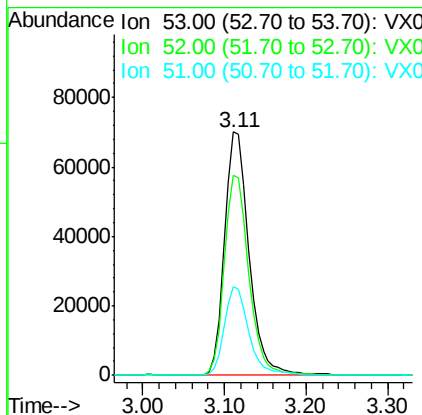
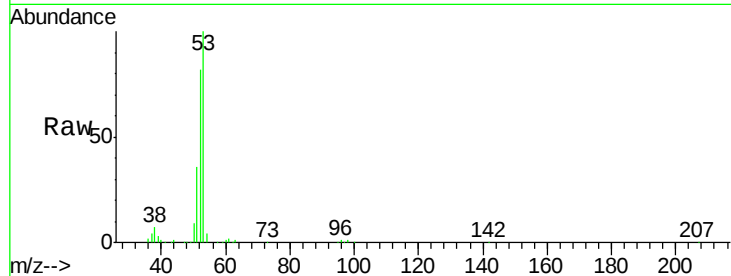
ClientSampleId :

VX1107WBSD01

Tot Ion:	53	Resp:	146098
Ion Ratio		Lower	Upper
53	100		
52	81.9	65.7	98.5
51	36.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 106.015 ug/l

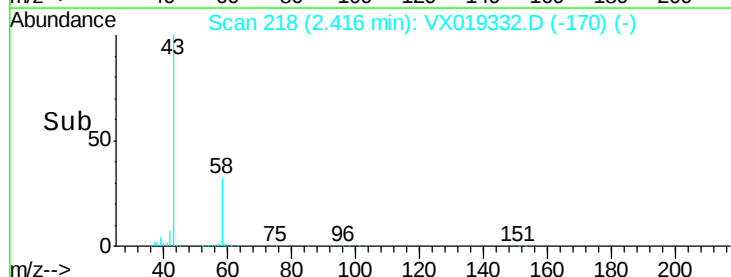
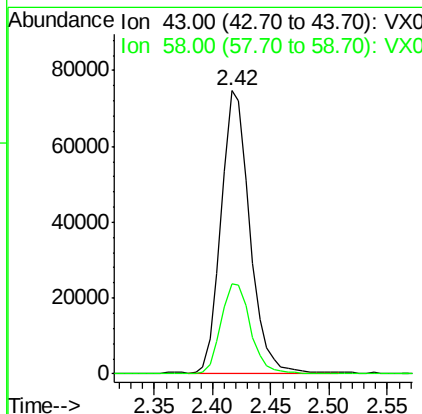
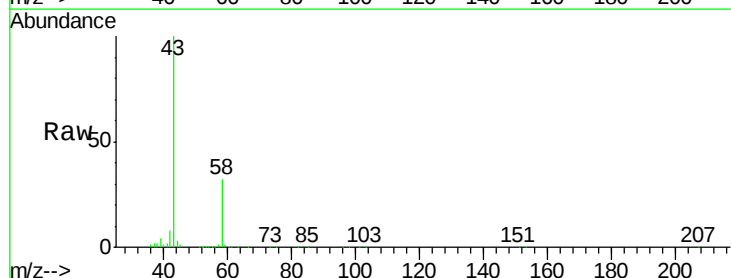
RT: 2.42 min Scan# 218

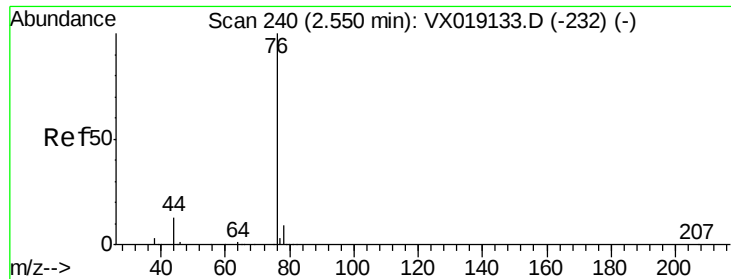
Delta R.T. -0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	43	Resp:	126286
Ion Ratio		Lower	Upper
43	100		
58	32.1	26.3	39.5





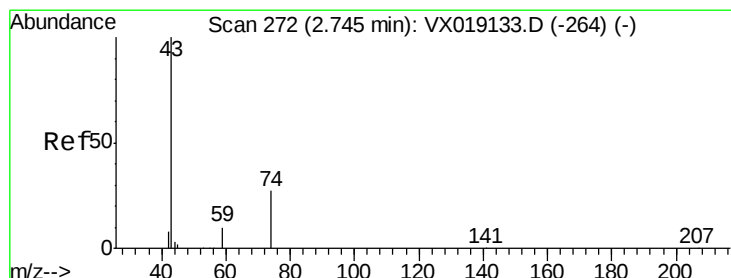
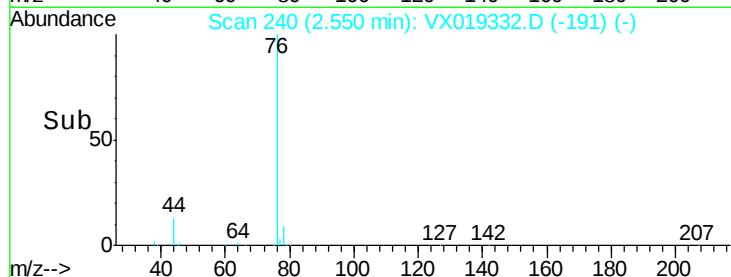
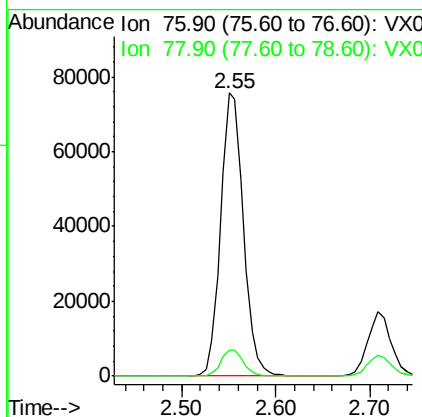
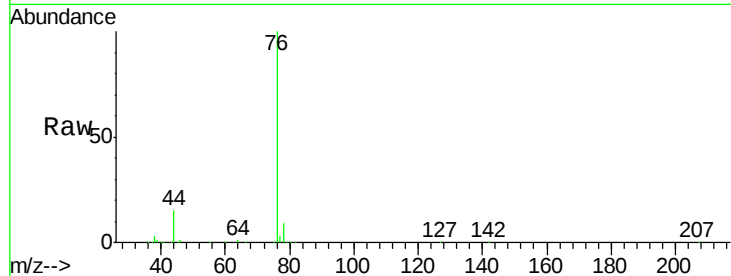
#17
Carbon Disulfide
Concen: 17.584 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

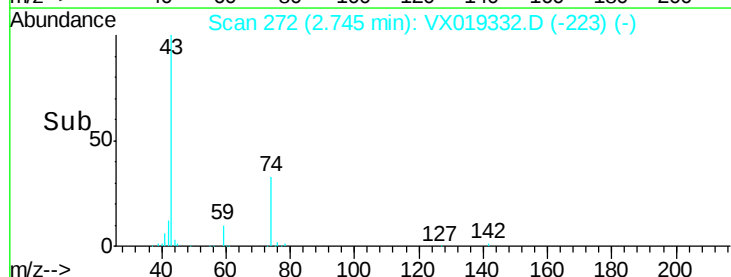
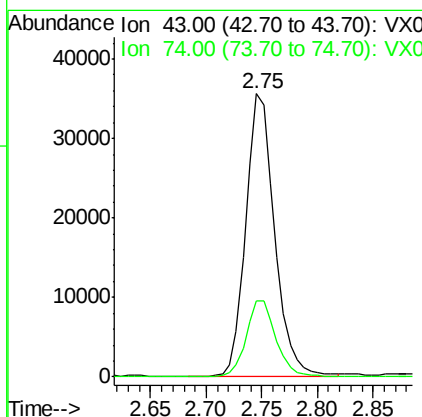
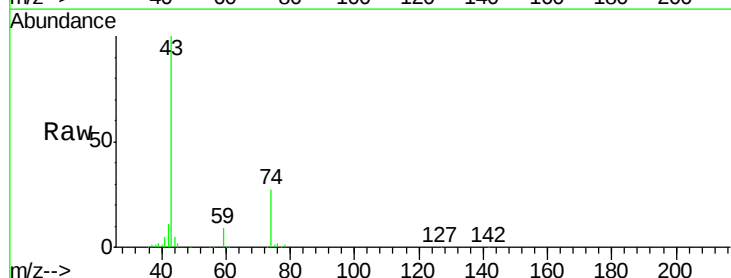
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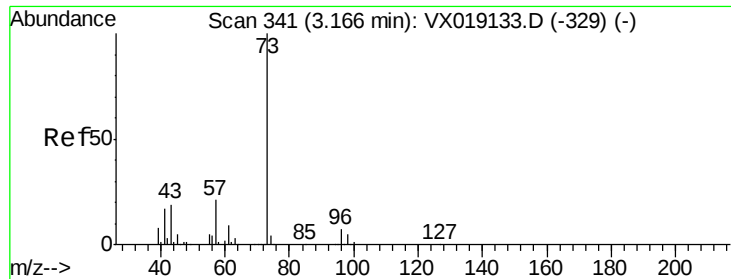
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#18
Methyl Acetate
Concen: 22.097 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	22.6	33.8





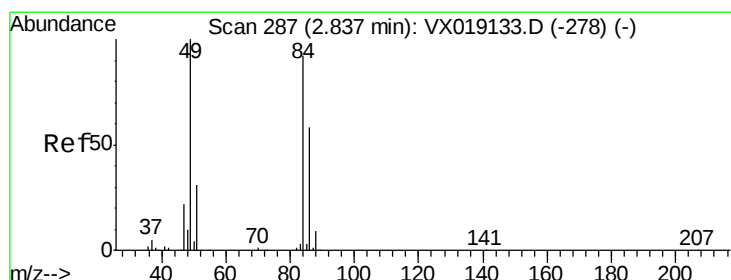
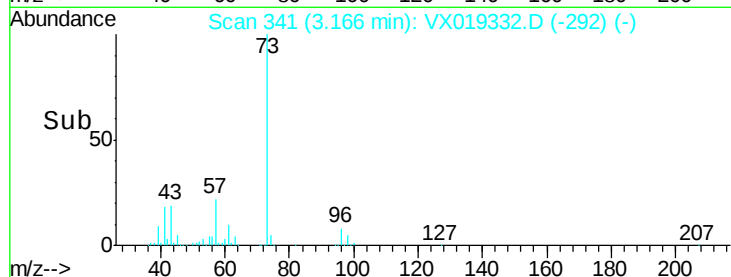
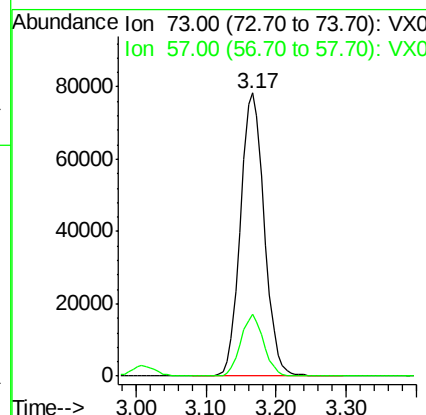
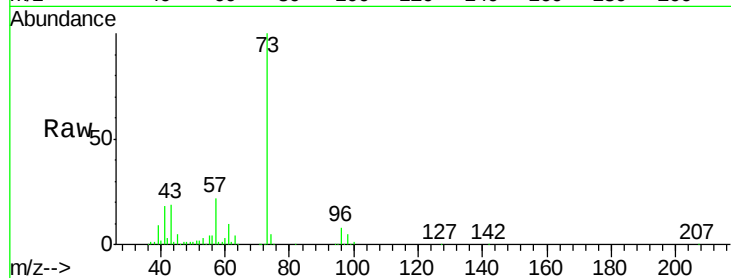
#19
Methvl tert-butvl Ether
Concen: 20.607 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	16.6	25.0

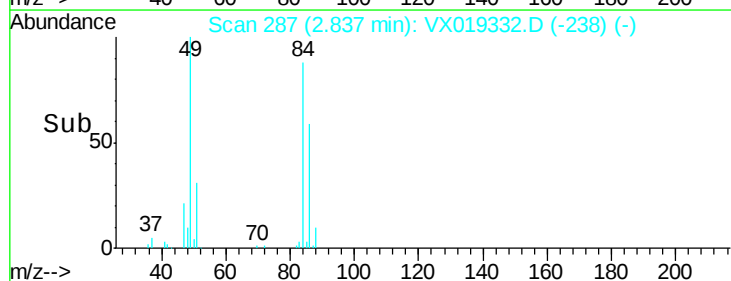
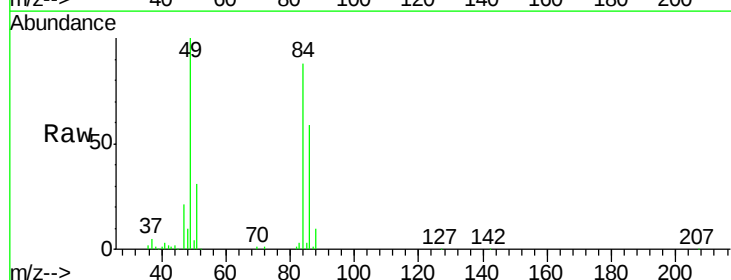
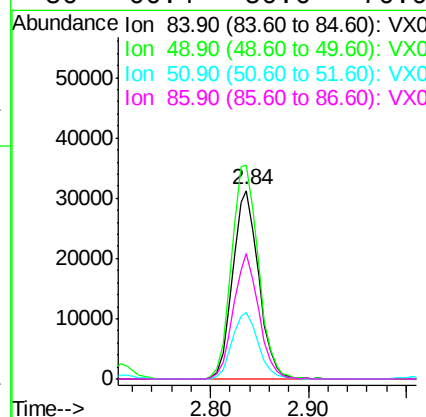
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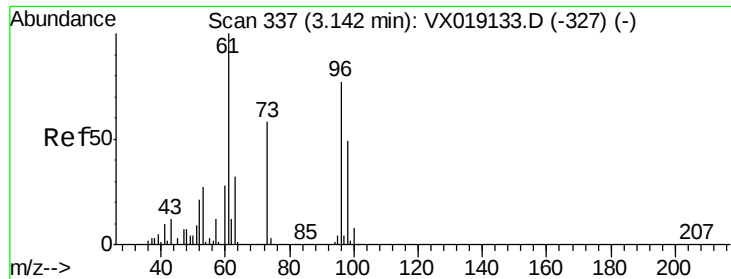
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#20
Methylene Chloride
Concen: 19.307 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.4	86.8	130.2
51	35.1	27.3	40.9
86	66.4	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 18.643 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

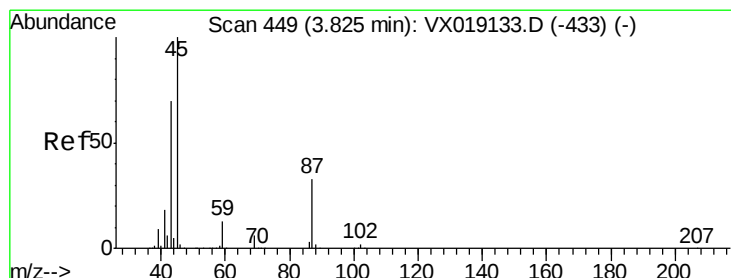
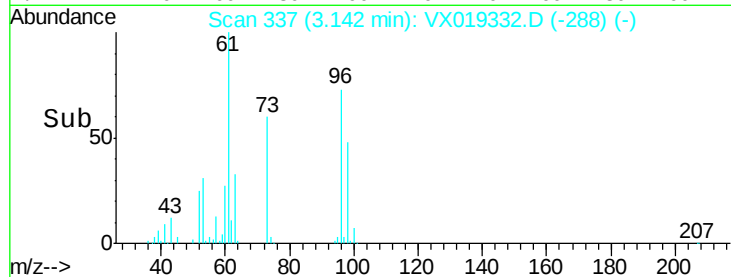
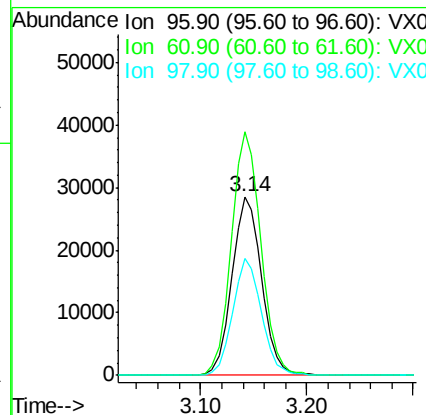
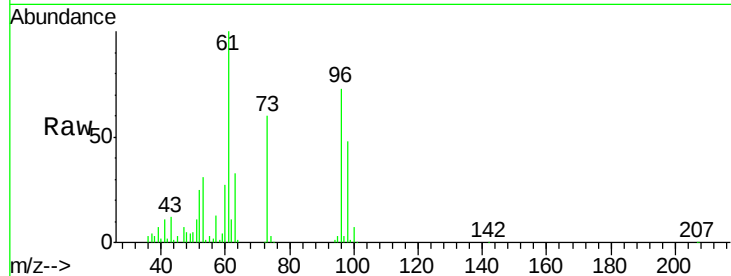
ClientSampleId :

VX1107WBSD01

Tot Ion:	96	Resp:	55679
Ion	Ratio	Lower	Upper
96	100		
61	136.4	104.2	156.4
98	65.8	51.3	76.9

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#22

Diisopropyl ether

Concen: 21.313 ug/l

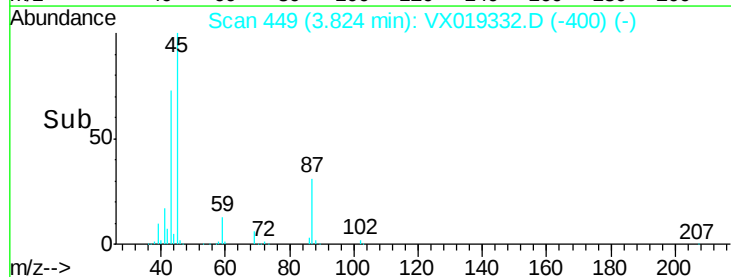
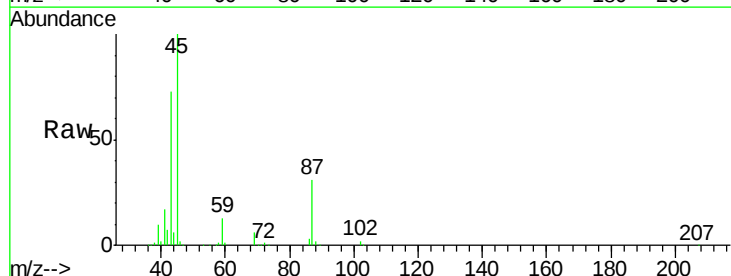
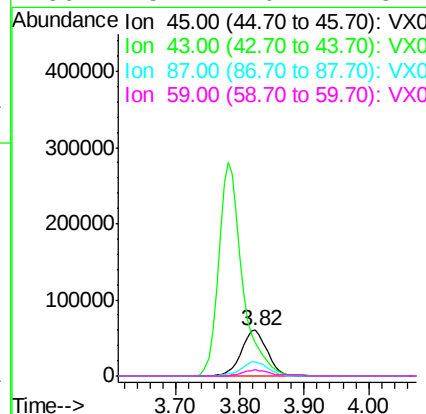
RT: 3.82 min Scan# 449

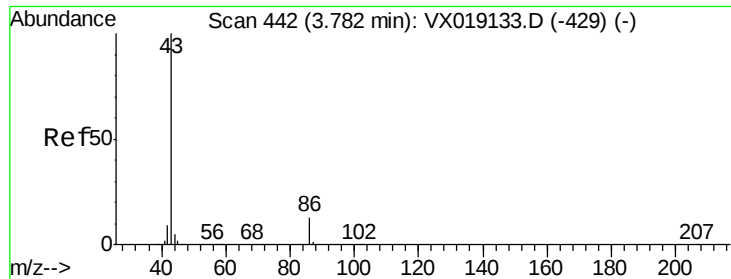
Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	45	Resp:	167009
Ion	Ratio	Lower	Upper
45	100		
43	72.6	56.2	84.4
87	31.3	26.2	39.2
59	13.4	10.1	15.1





#23

Vinyl Acetate

Concen: 103.587 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tot Ion: 43 Resp: 723862

Ion Ratio Lower Upper

43 100

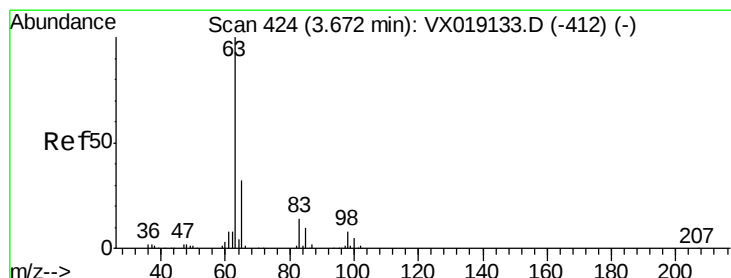
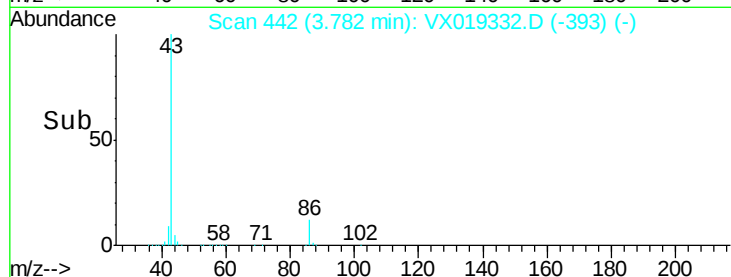
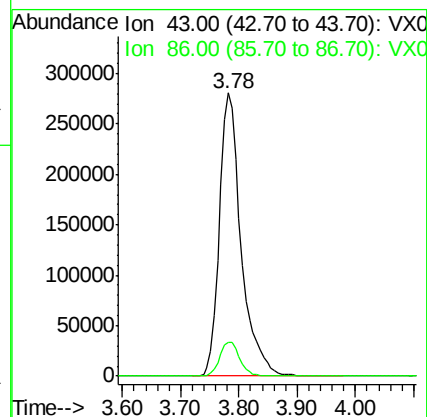
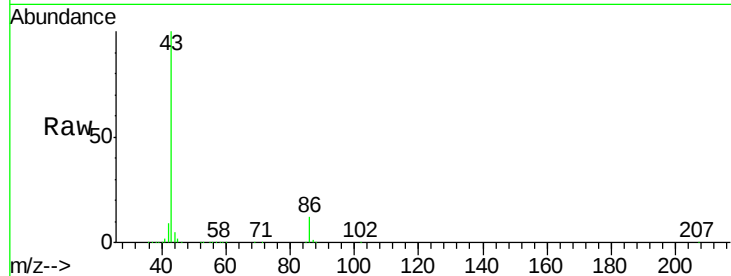
86 12.2 10.4 15.6

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#24

1,1-Dichloroethane

Concen: 20.133 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

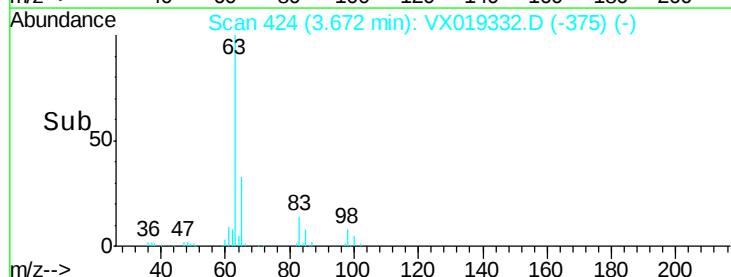
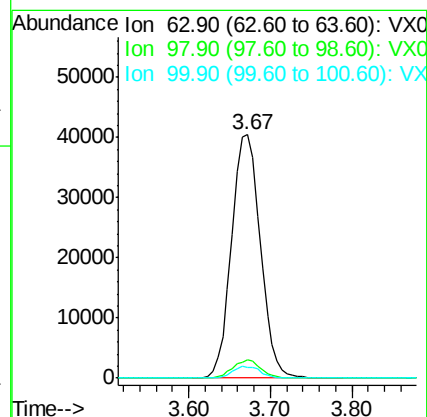
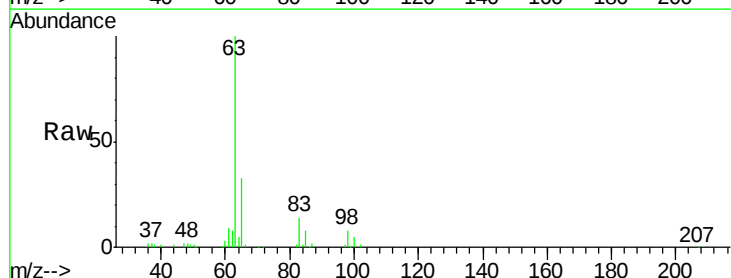
Tgt Ion: 63 Resp: 98505

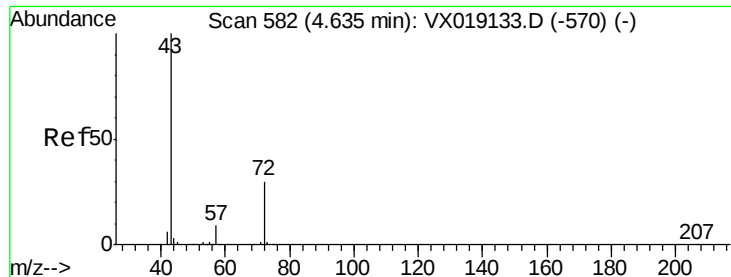
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 105.998 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampled :

VX1107WBSD01

Tot Ion: 43 Resp: 198996

Ion Ratio Lower Upper

43 100

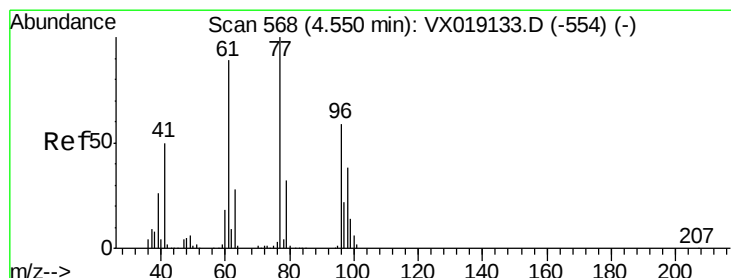
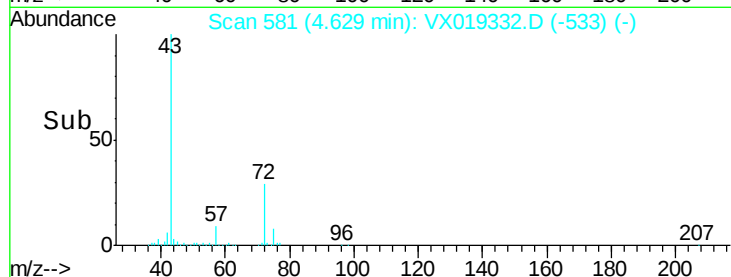
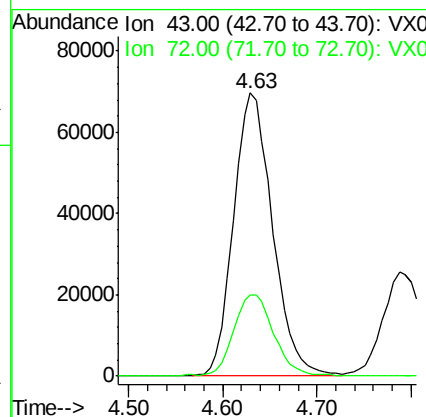
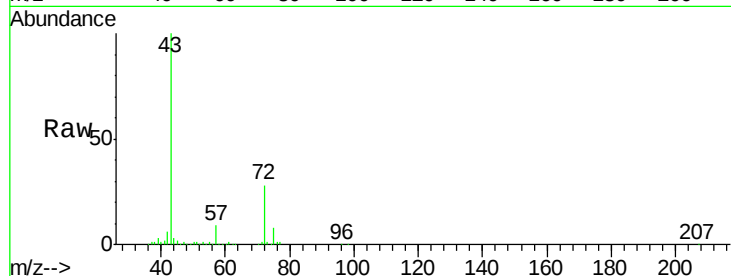
72 28.3 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.344 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019332.D

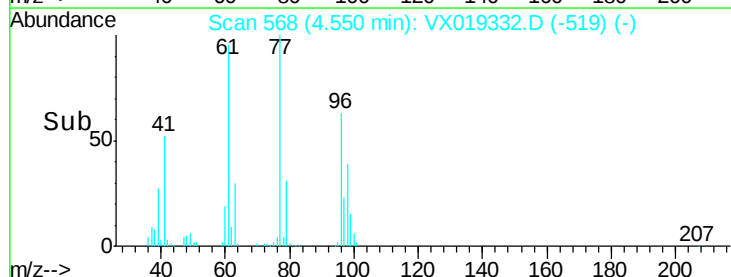
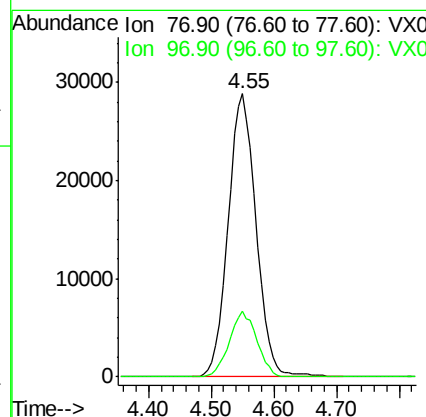
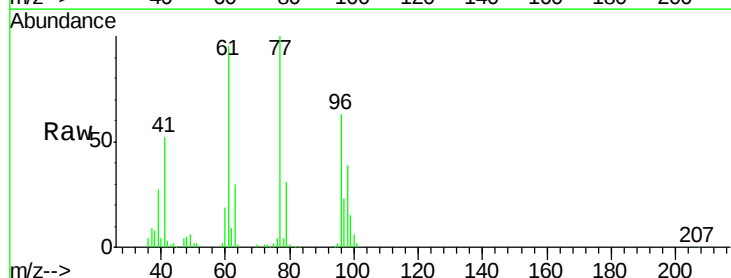
Acq: 06 Nov 2020 11:37

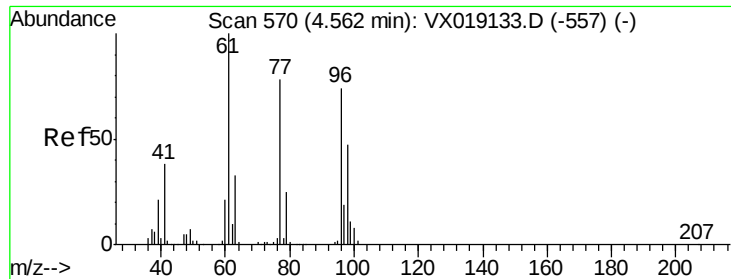
Tgt Ion: 77 Resp: 88972

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

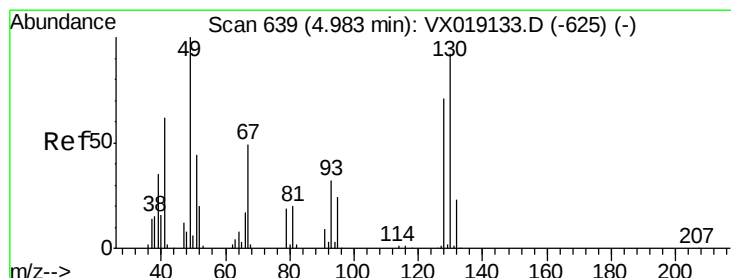
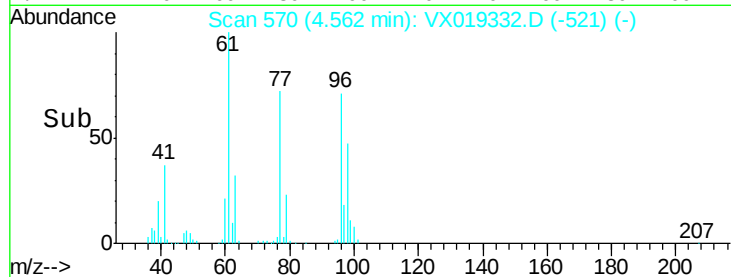
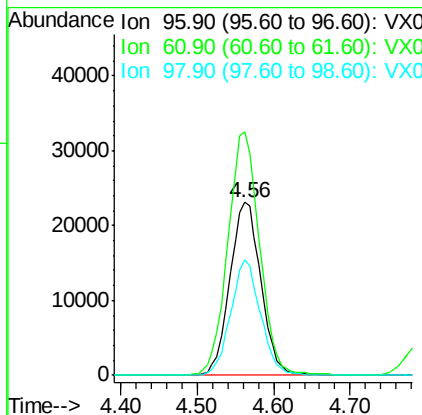
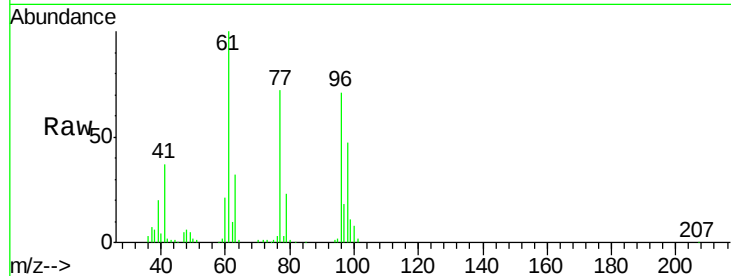
cis-1,2-Dichloroethene
Concen: 19.416 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	278.8
98	64.3	0.0	130.2

Manual Integrations
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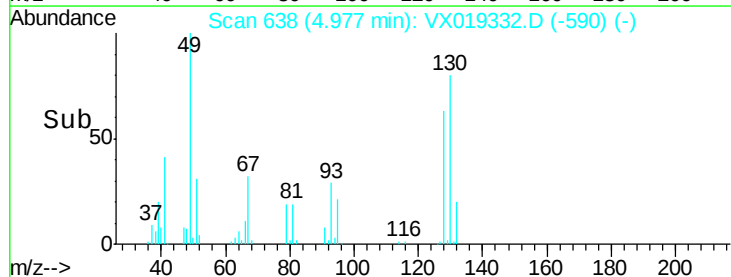
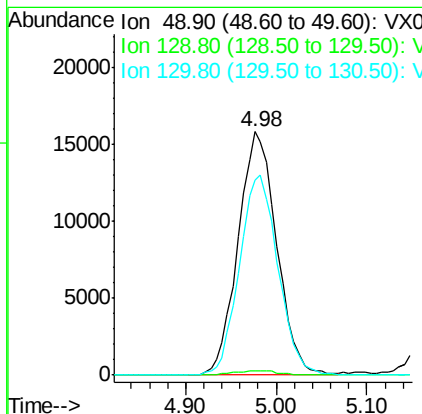
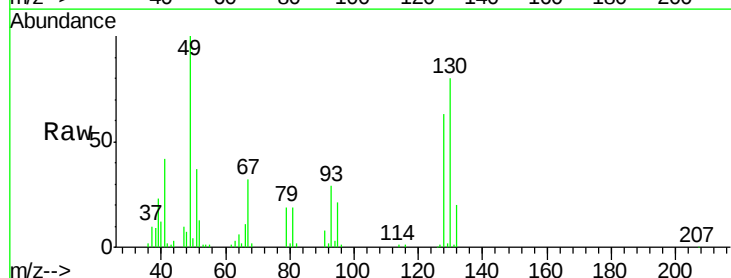
MMDadoda
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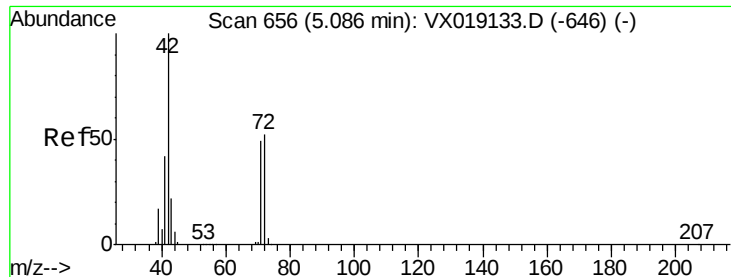


#28

Bromochloromethane
Concen: 20.976 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	82.2	71.3	106.9





#29

Tetrahydrofuran

Concen: 103.930 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

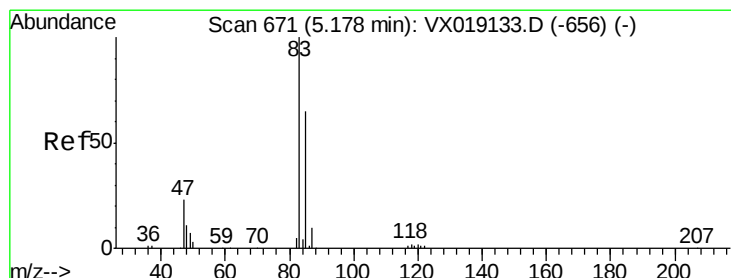
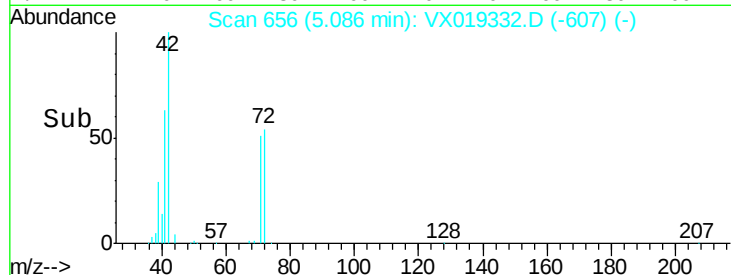
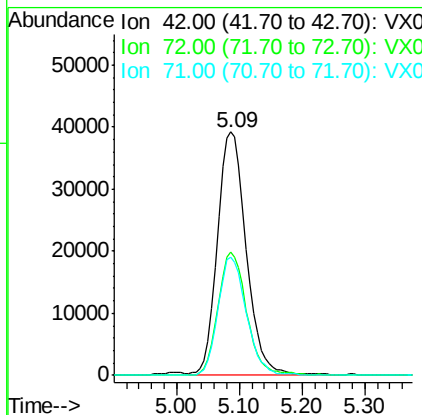
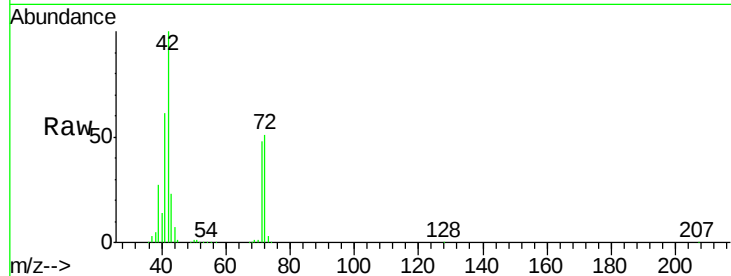
ClientSampleId :

VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.0	42.6	63.8
71	48.5	39.7	59.5

Manual Integrations
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#30

Chloroform

Concen: 19.902 ug/l

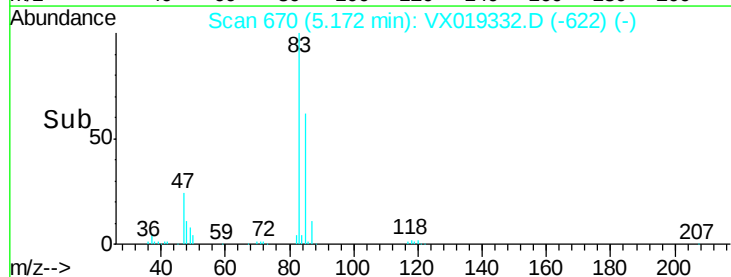
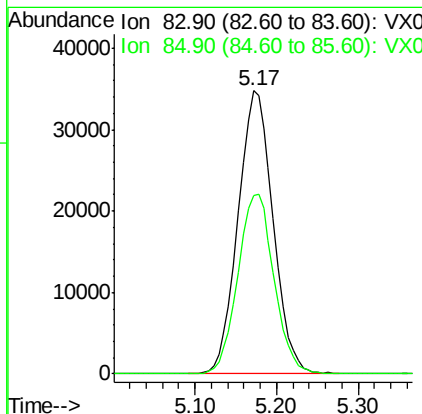
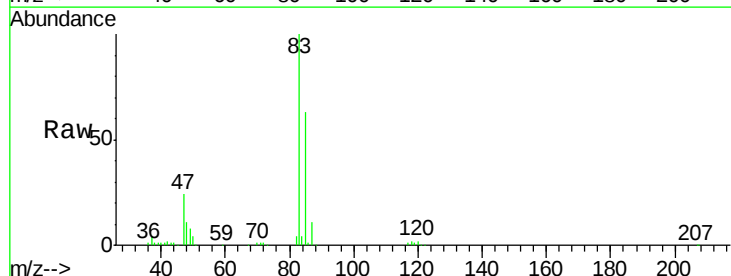
RT: 5.17 min Scan# 670

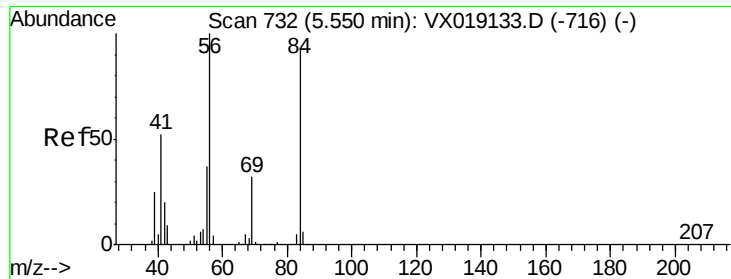
Delta R.T. -0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.9	77.9





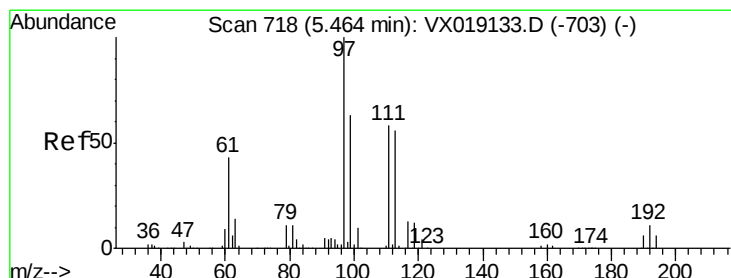
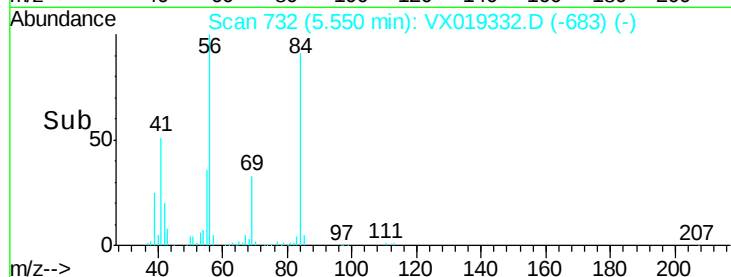
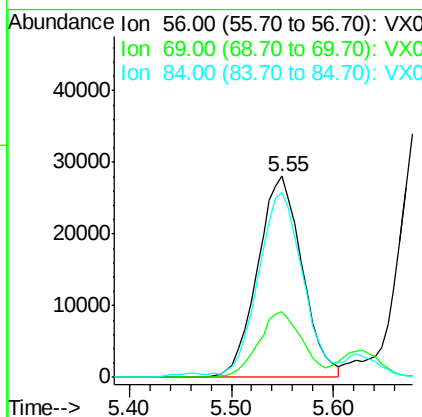
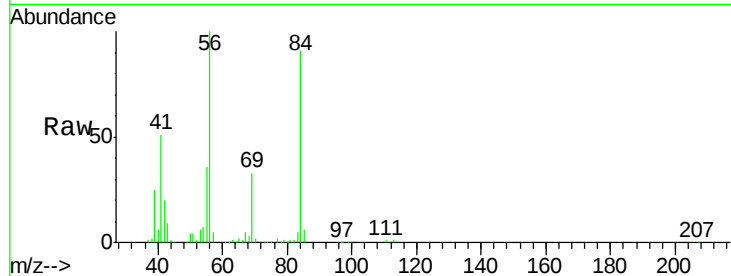
#31
Cyclohexane
Concen: 19.494 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.9	38.9
84	89.6	73.4	110.2

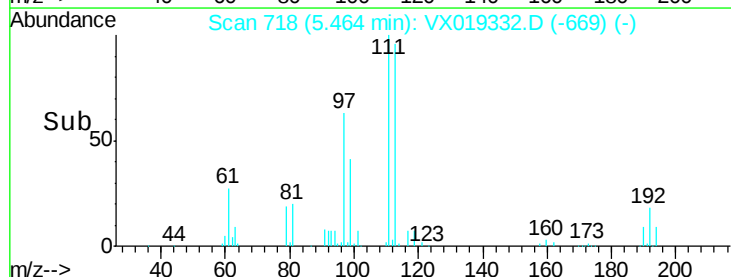
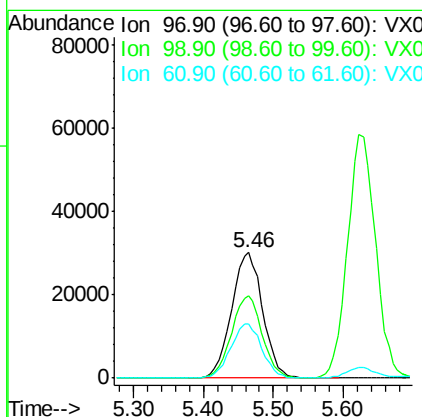
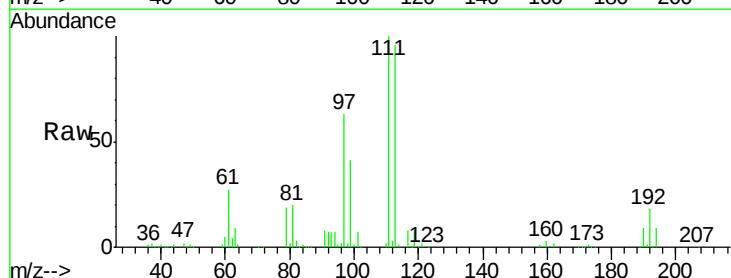
Manual Integrations
APPROVED

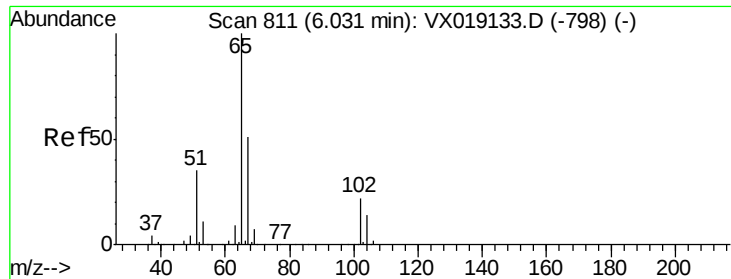
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#32
1,1,1-Trichloroethane
Concen: 19.660 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	43.3	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 50.728 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tot Ion: 65 Resp: 175160

Ion Ratio Lower Upper

65 100

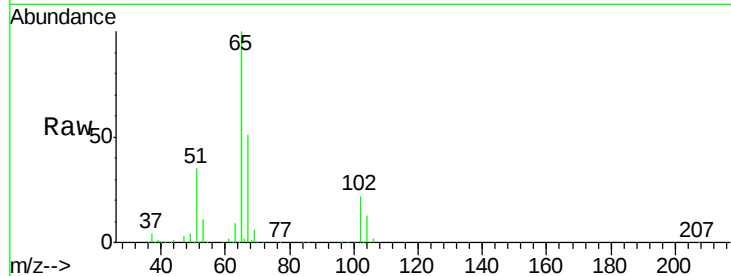
67 51.3 0.0 103.0

Manual Integrations

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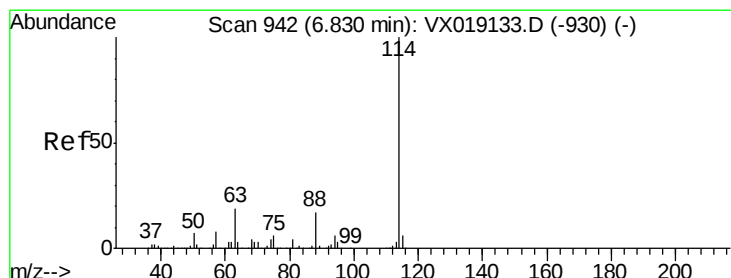
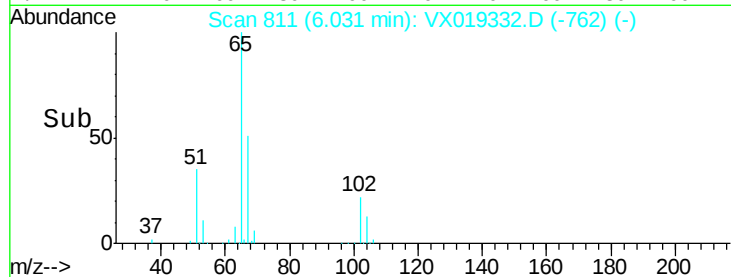
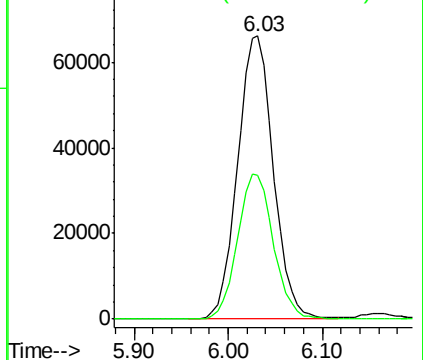
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

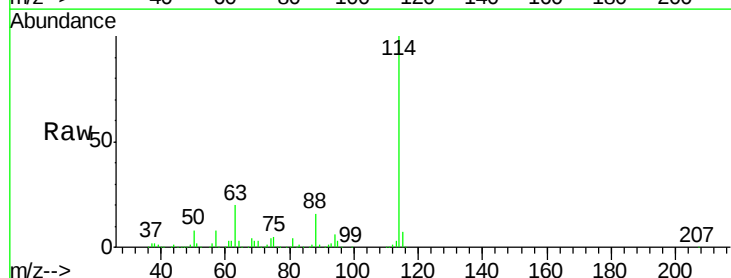
Tgt Ion: 114 Resp: 445755

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

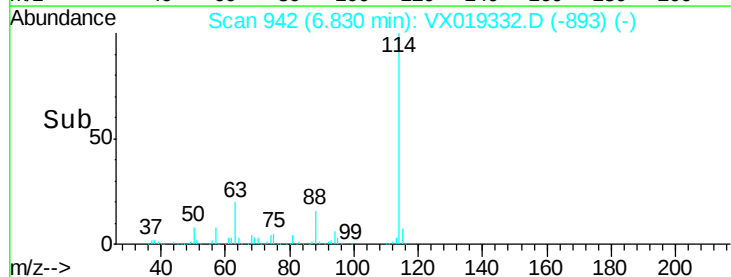
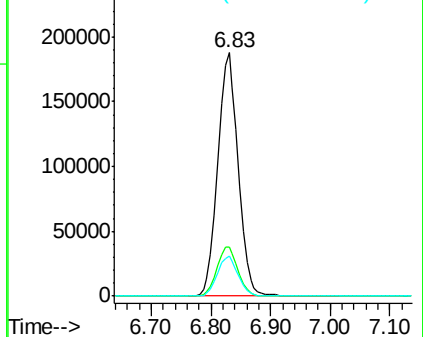
88 16.4 0.0 34.2

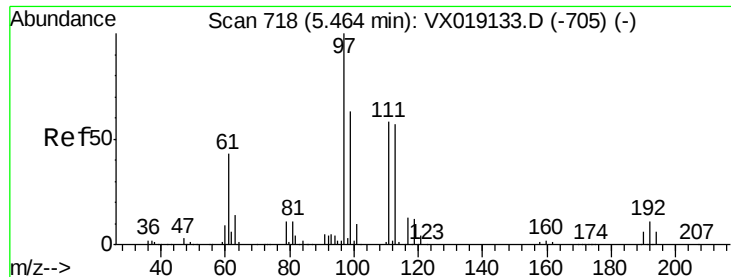


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





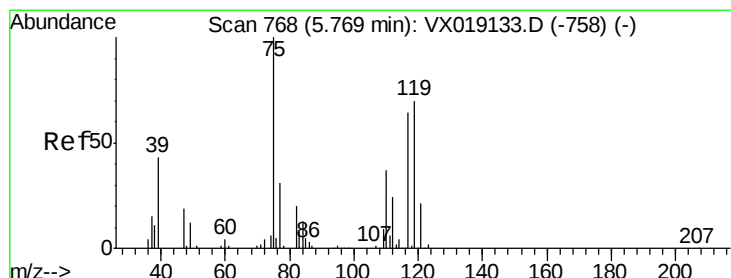
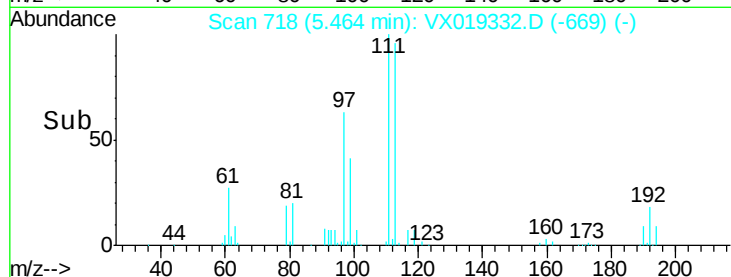
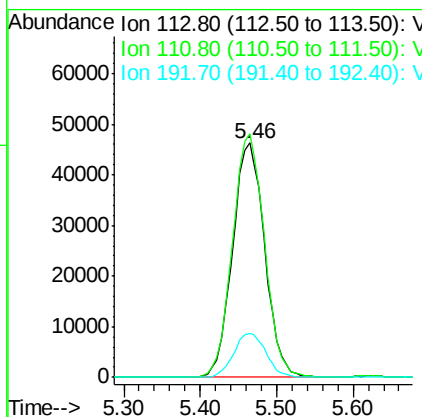
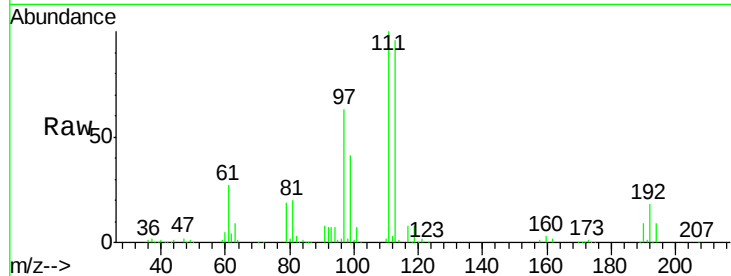
#35
 Dibromofluoromethane
 Concen: 48.122 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134740		
111	103.4	82.3	123.5	
192	18.9	16.2	24.2	

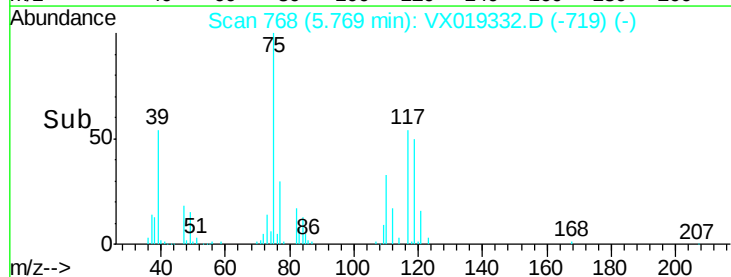
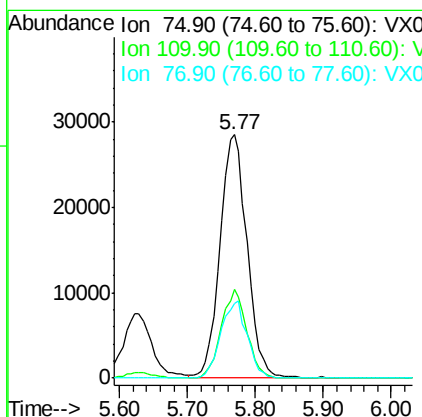
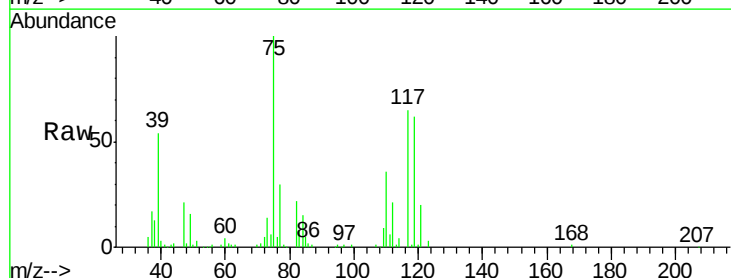
Manual Integrations
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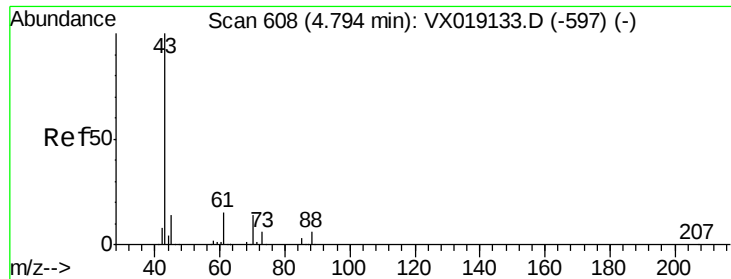
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 11/9/2020 9:37:20 AM



#36
 1,1-Dichloropropene
 Concen: 19.130 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78743		
110	34.5	18.3	54.9	
77	30.9	24.9	37.3	





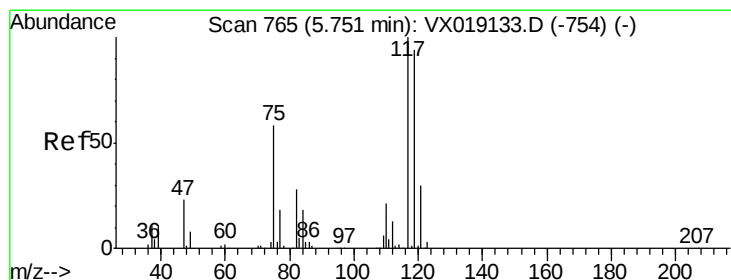
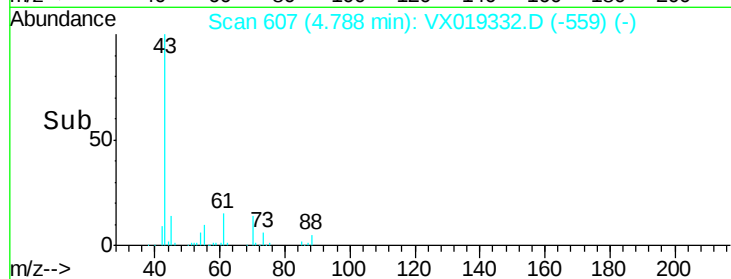
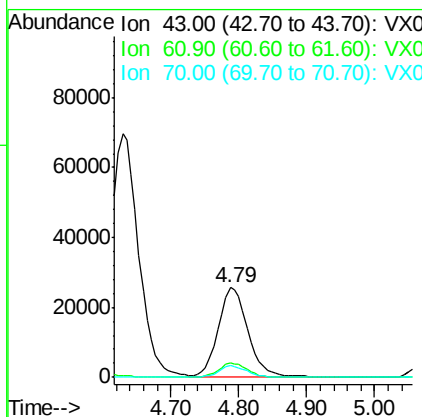
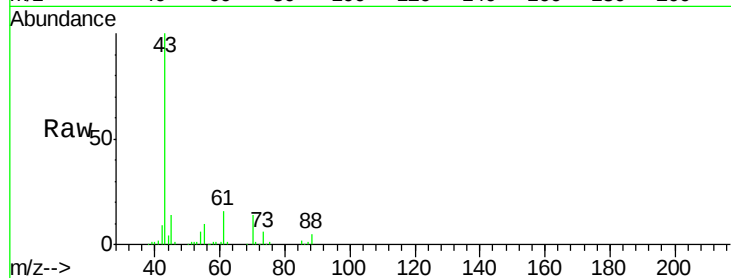
#37
Ethyl Acetate
Concen: 20.098 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.5	18.7
70	12.2	10.5	15.7

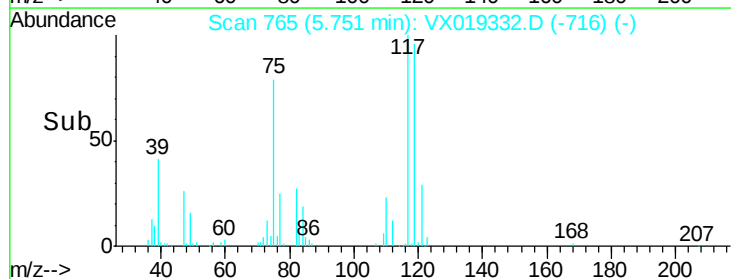
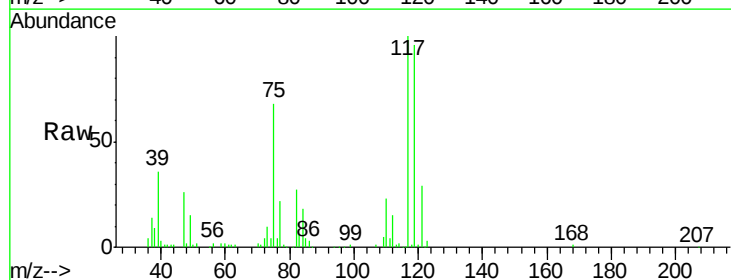
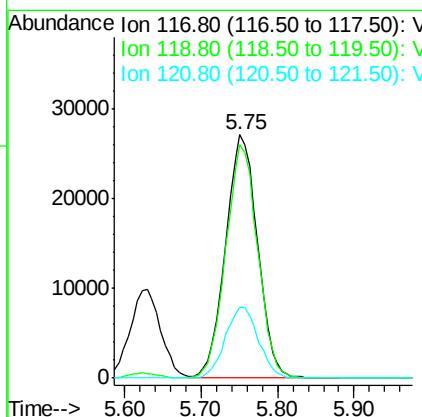
Manual Integrations
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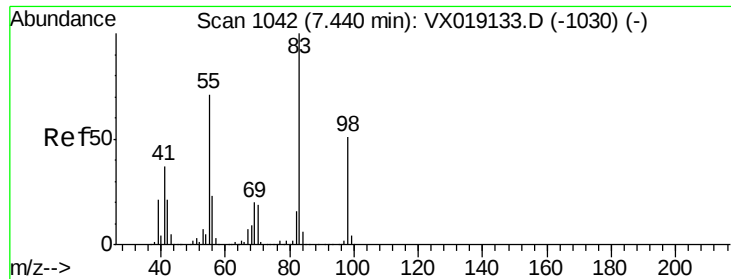
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#38
Carbon Tetrachloride
Concen: 18.725 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.0	112.6
121	29.1	23.9	35.9





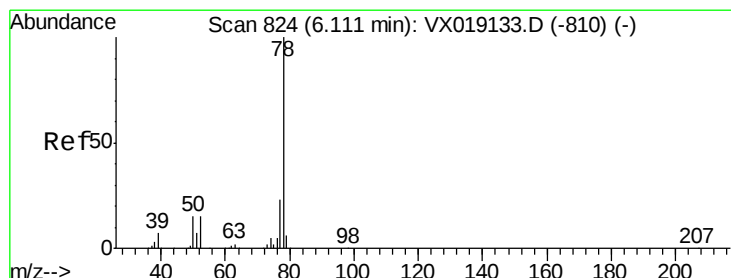
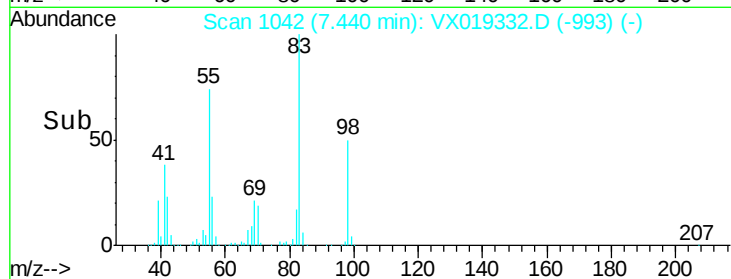
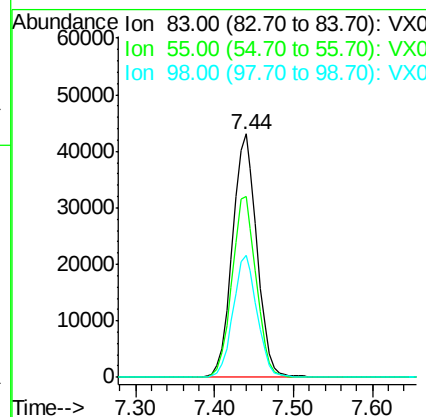
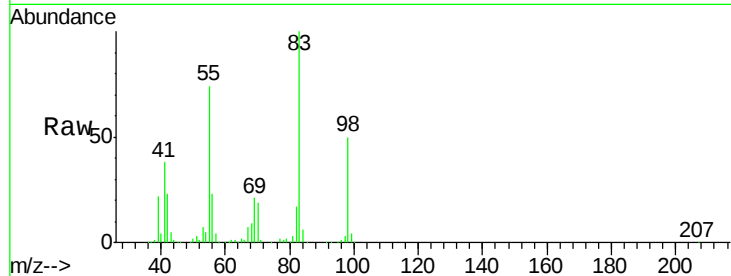
#39
Methvlcvclohexane
Concen: 18.858 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	57.0	85.6
98	50.0	40.5	60.7

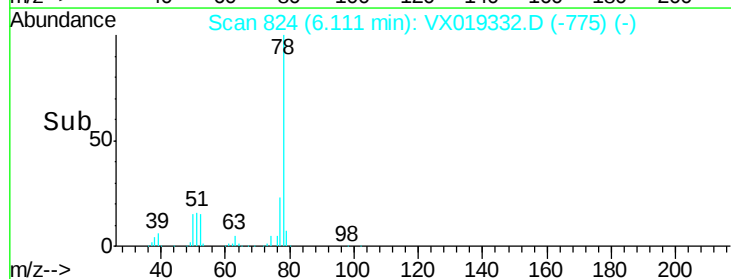
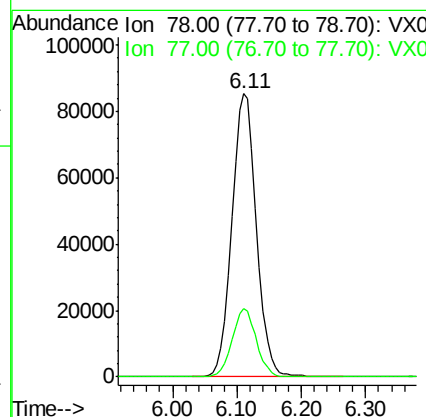
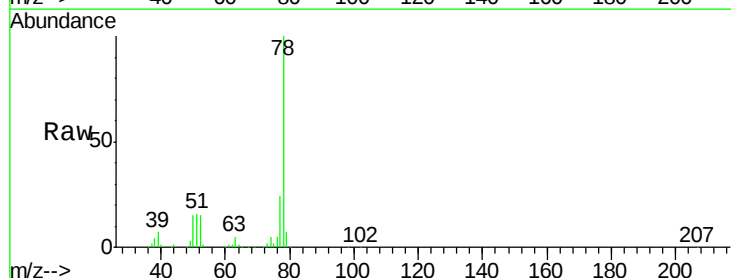
Manual Integrations
APPROVED

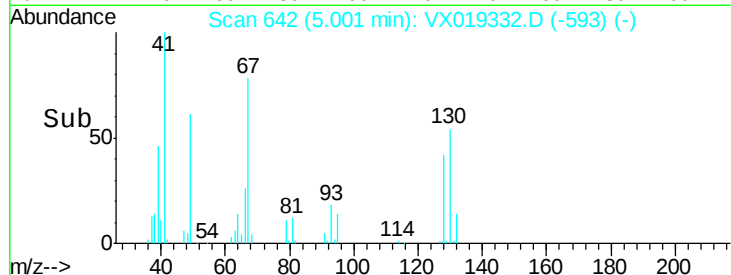
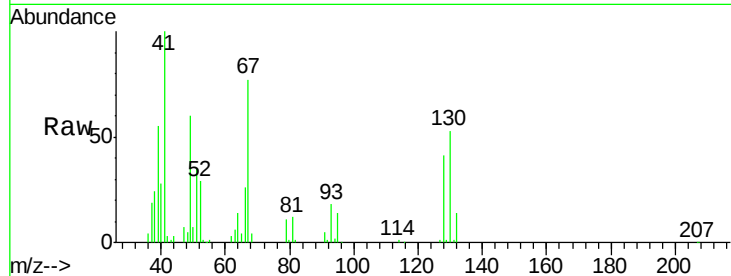
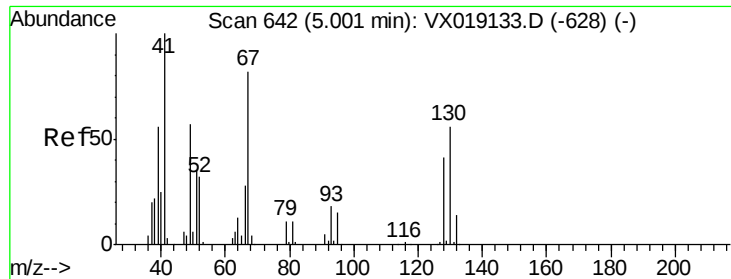
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#40
Benzene
Concen: 19.507 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





#41

Methacrylonitrile

Concen: 20.297 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tot Ion:	41	Resp:	41775
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.4	66.6
67	80.4	66.4	99.6
52	32.3	26.2	39.4

Instrument :

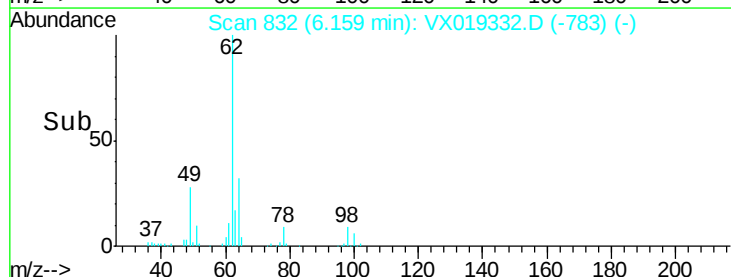
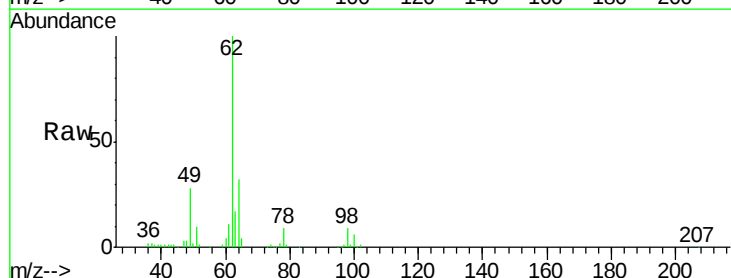
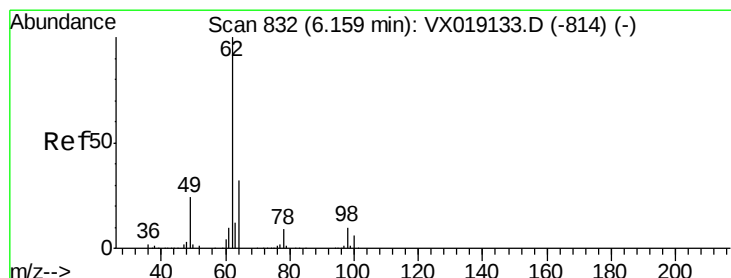
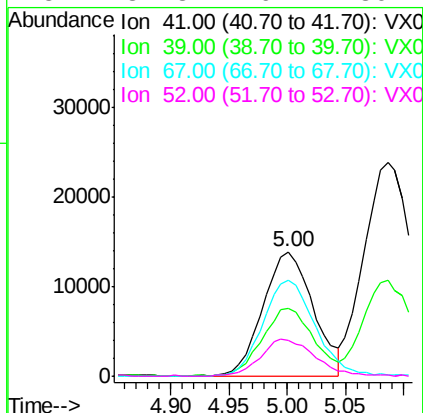
MSVOA_X

ClientSampleId :

VX1107WBSD01

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.140 ug/l

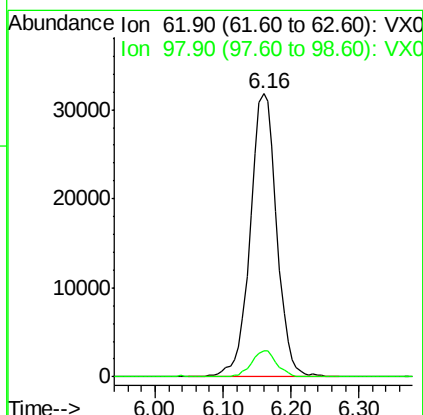
RT: 6.16 min Scan# 832

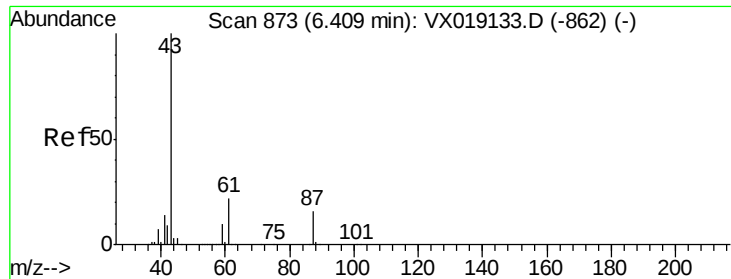
Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	62	Resp:	86628
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.0





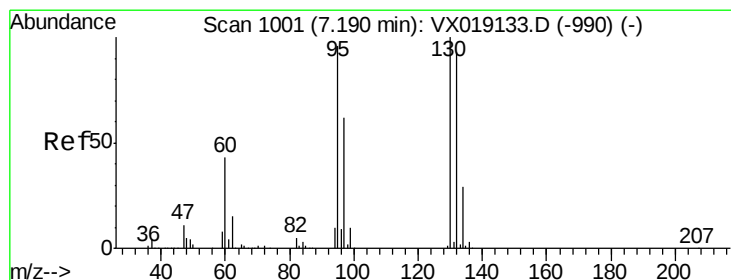
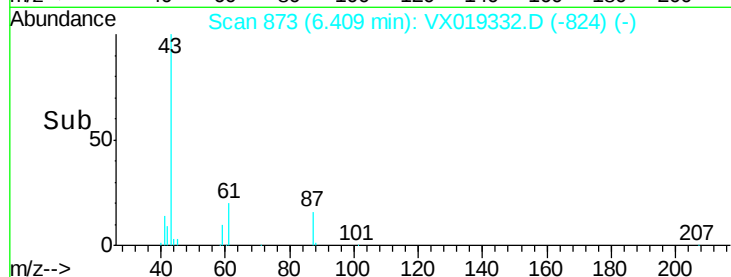
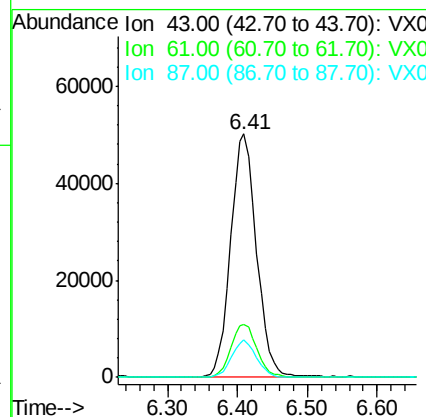
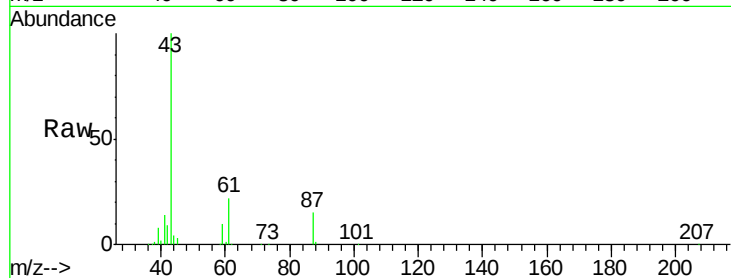
#43
Isopropyl Acetate
Concen: 20.026 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.8	26.6
87	14.9	12.6	19.0

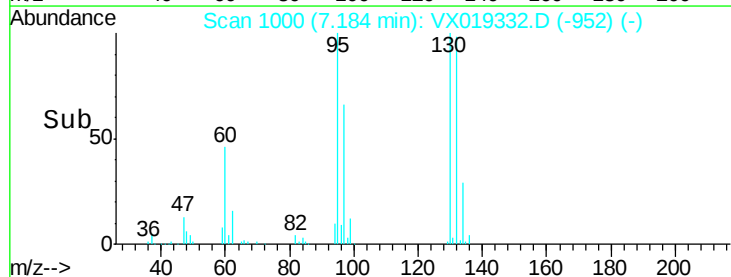
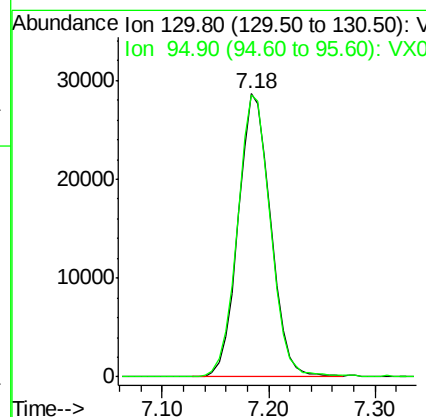
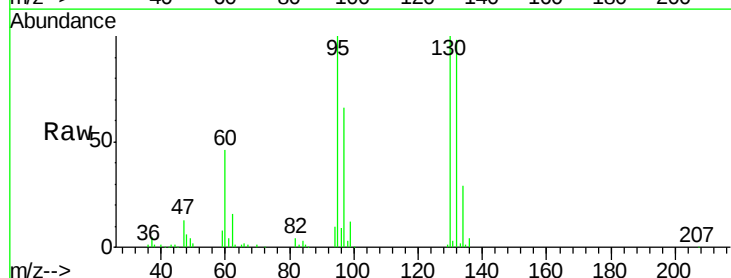
Manual Integrations
APPROVED

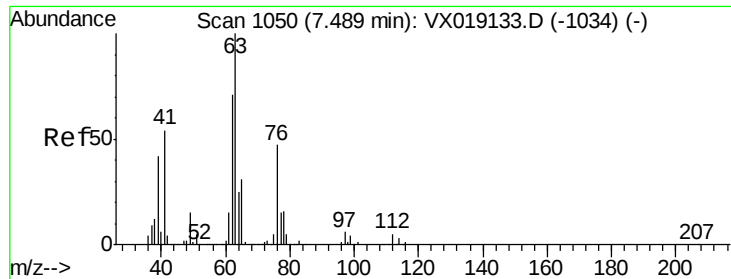
MMDadoda
11/9/2020 9:37:20 AM



#44
Trichloroethene
Concen: 18.363 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	192.0





#45

1,2-Dichloropropane

Concen: 20.358 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tot Ion: 63 Resp: 58195

Ion Ratio Lower Upper

63 100

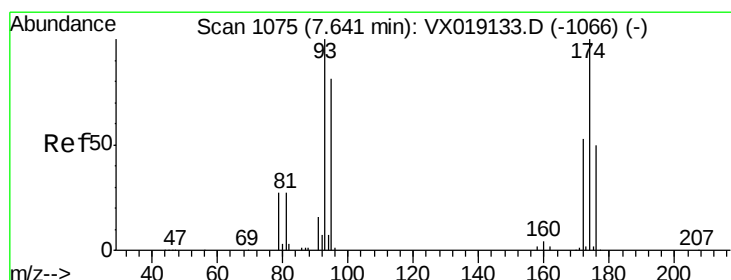
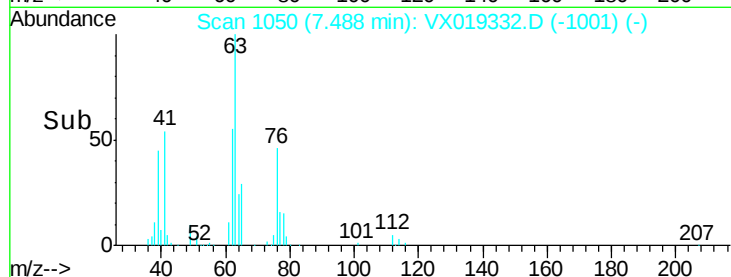
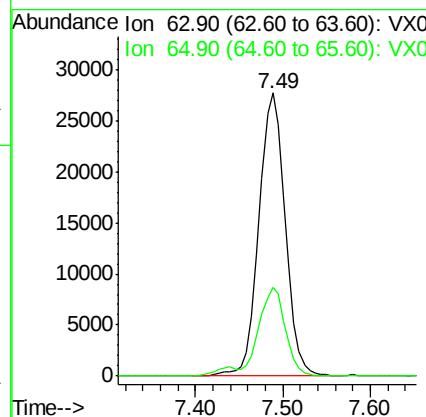
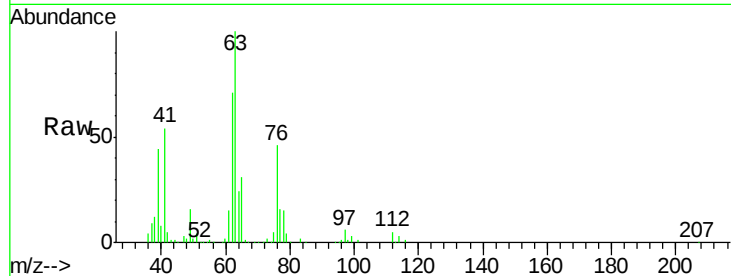
65 31.2 25.2 37.8

Manual Integrations

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11/9/2020 9:37:20 AM



#46

Dibromomethane

Concen: 19.643 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

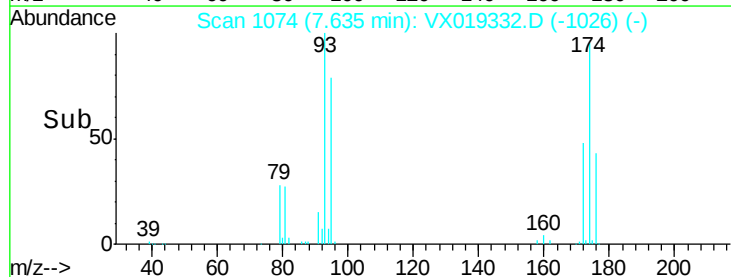
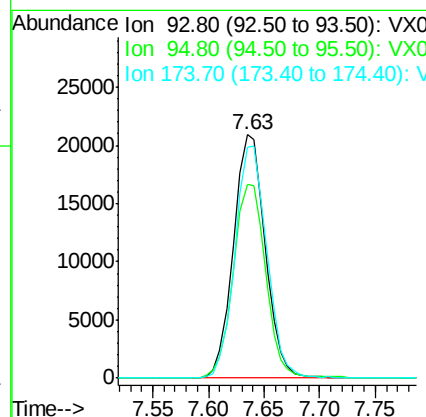
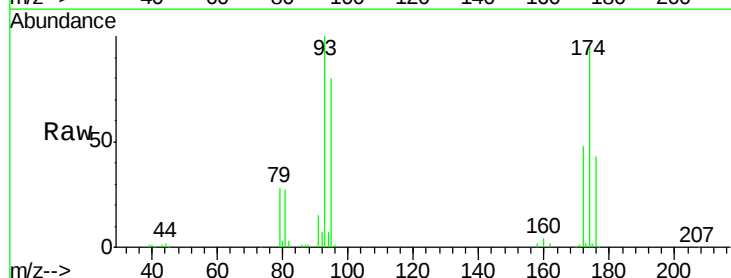
Tgt Ion: 93 Resp: 41522

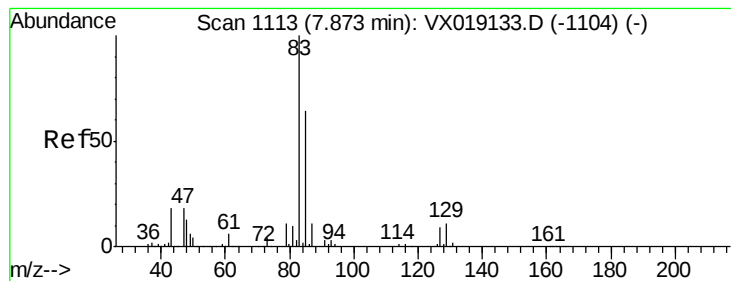
Ion Ratio Lower Upper

93 100

95 80.6 67.0 100.6

174 95.4 81.7 122.5





#47

Bromodichloromethane

Concen: 19.468 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

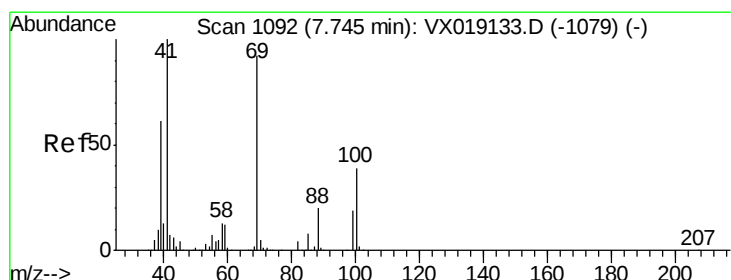
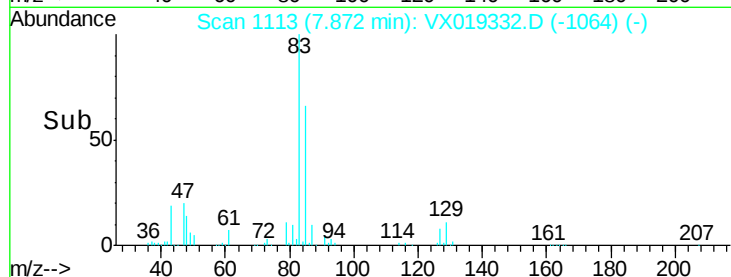
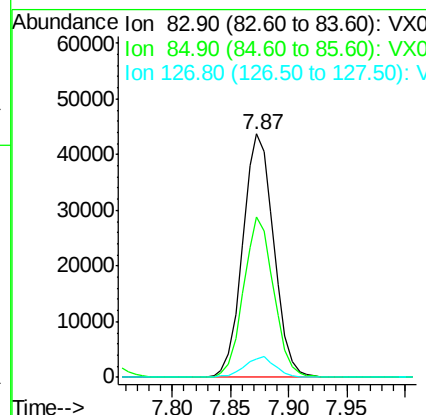
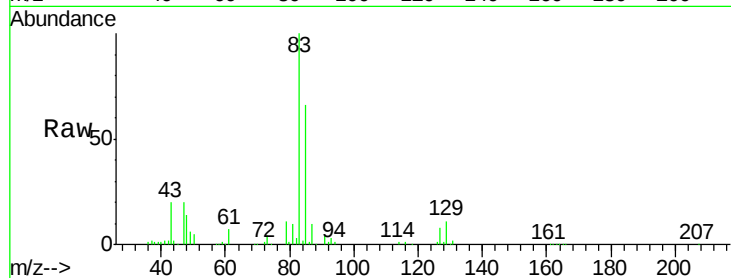
ClientSampleId :

VX1107WBSD01

Tot Ion:	83	Resp:	81111
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.2	76.8
127	7.5	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.079 ug/l

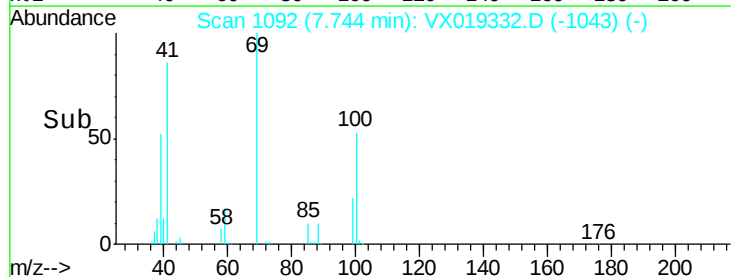
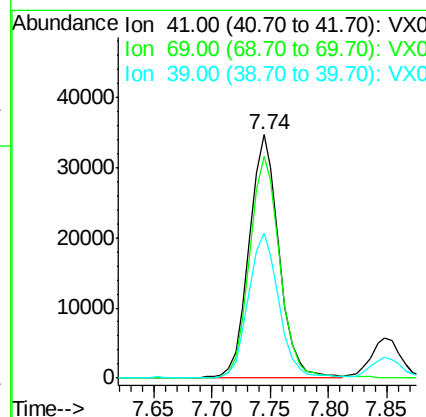
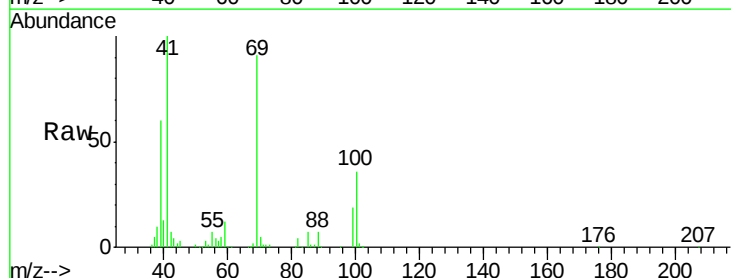
RT: 7.74 min Scan# 1092

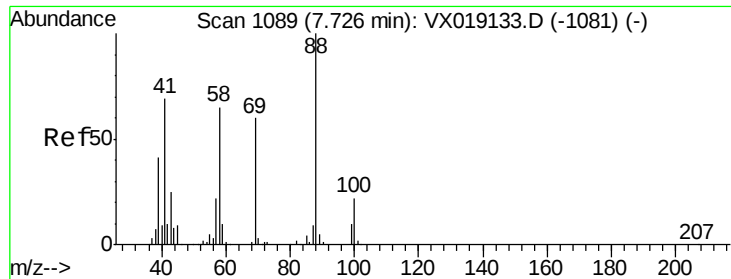
Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	41	Resp:	61846
Ion	Ratio	Lower	Upper
41	100		
69	92.2	75.5	113.3
39	61.3	48.9	73.3





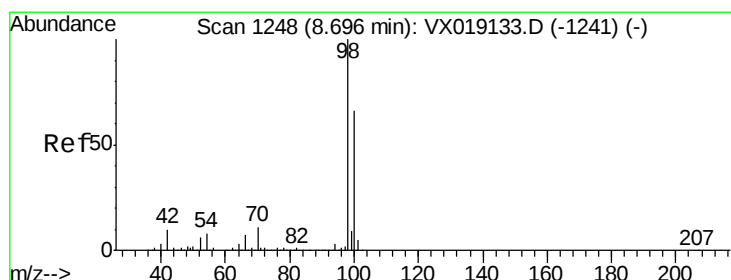
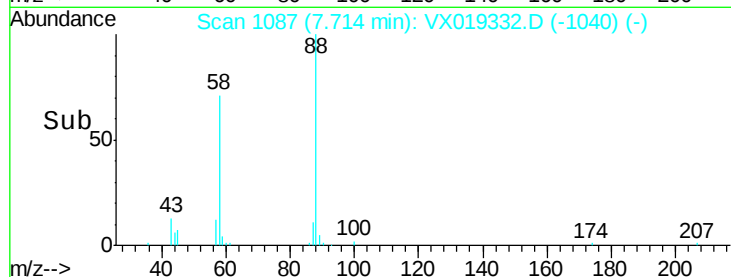
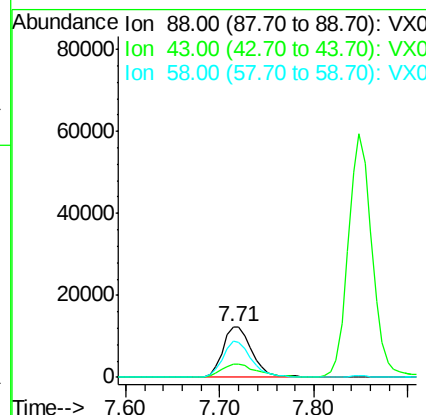
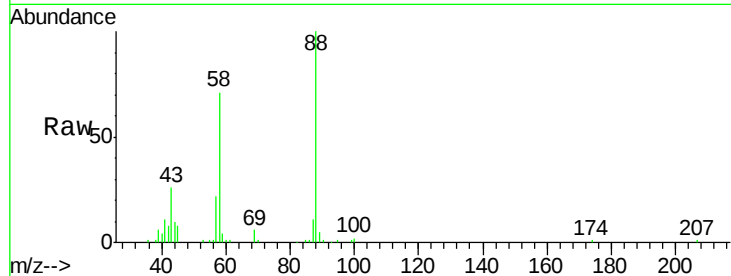
#49
1,4-Dioxane
Concen: 388.806 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	23.0	34.6
58	69.9	52.2	78.2

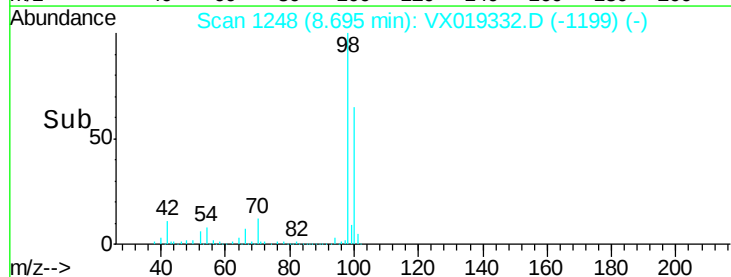
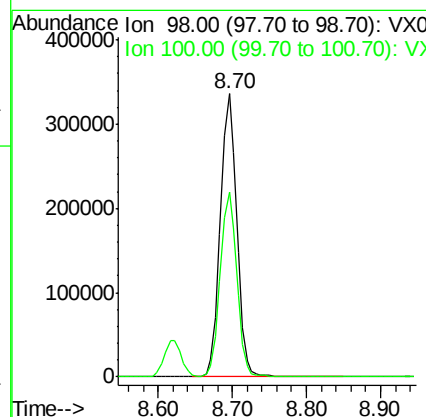
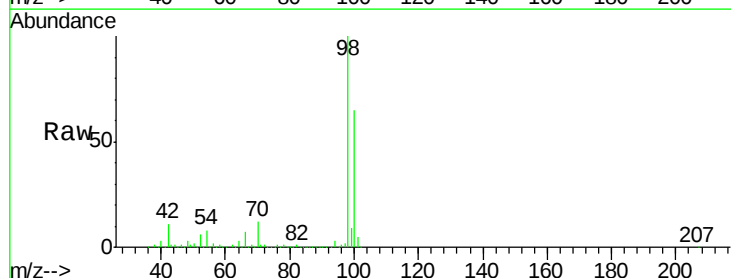
Manual Integrations
APPROVED

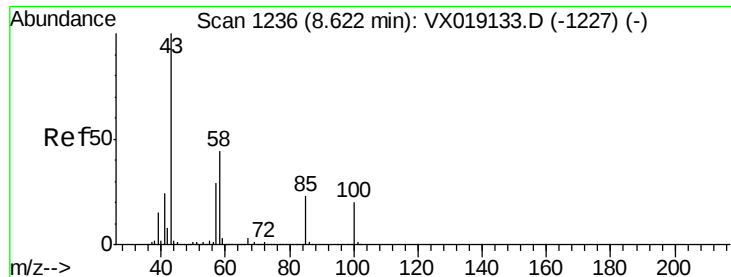
MMDadoda
11/9/2020 9:37:20 AM



#50
Toluene-d8
Concen: 48.556 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6





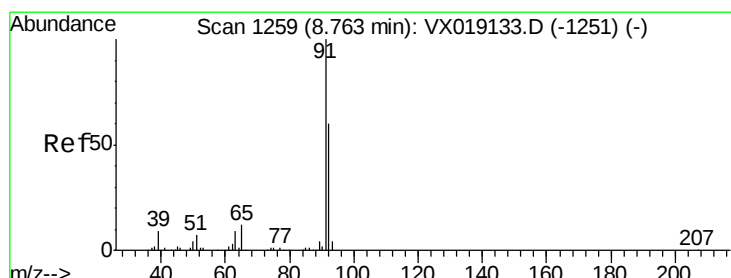
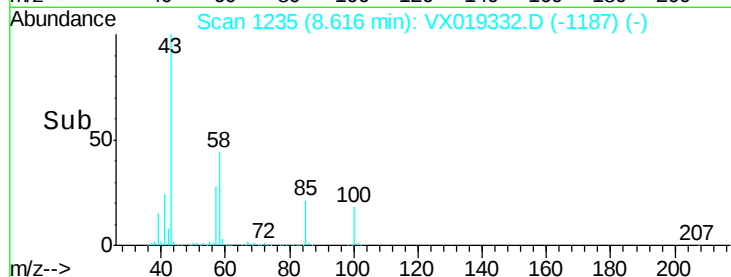
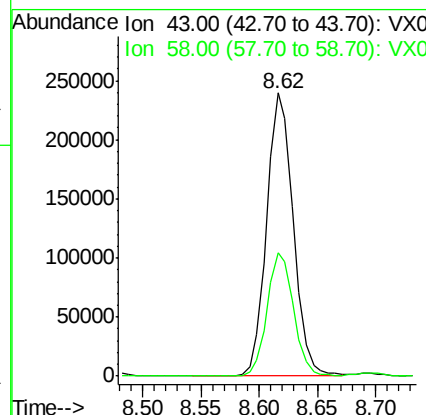
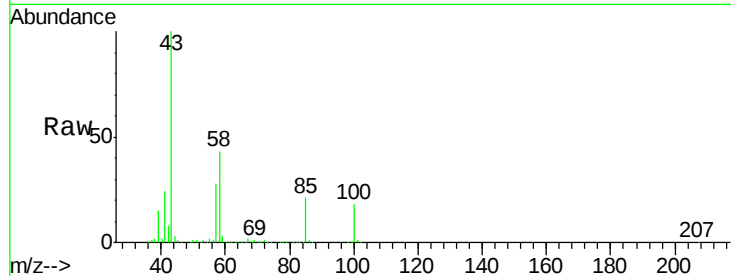
#51
4-Methyl-2-Pentanone
Concen: 103.956 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.3	35.0	52.4

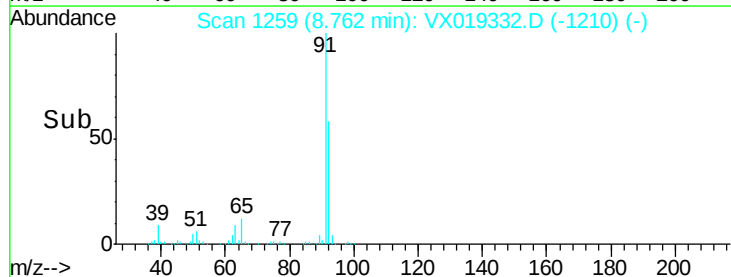
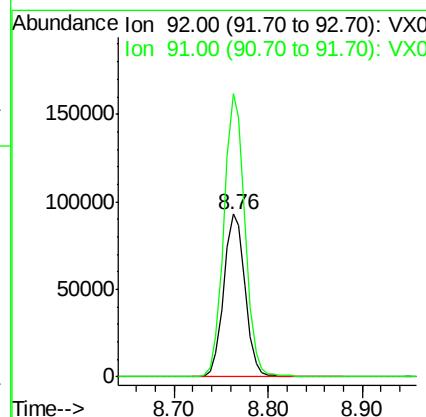
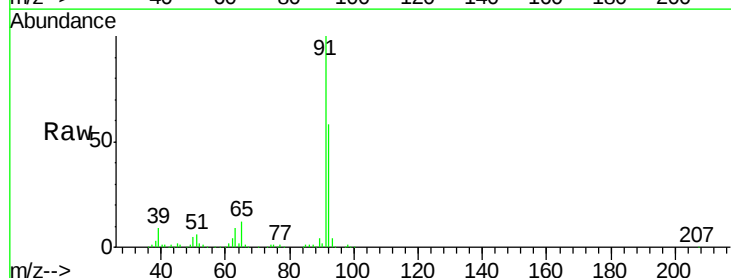
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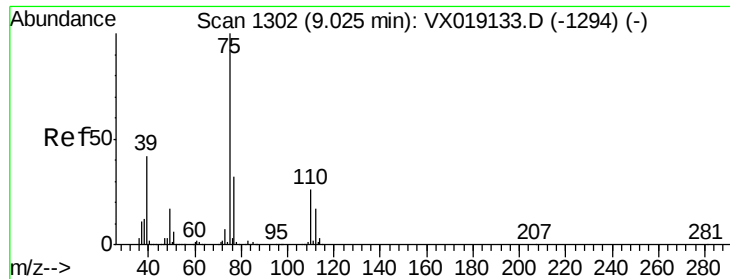
MMDadoda
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#52
Toluene
Concen: 19.432 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.6	136.3	204.5





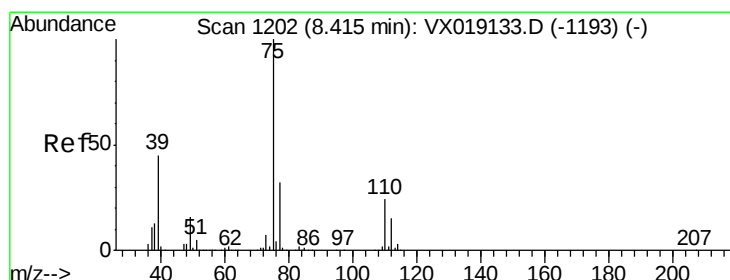
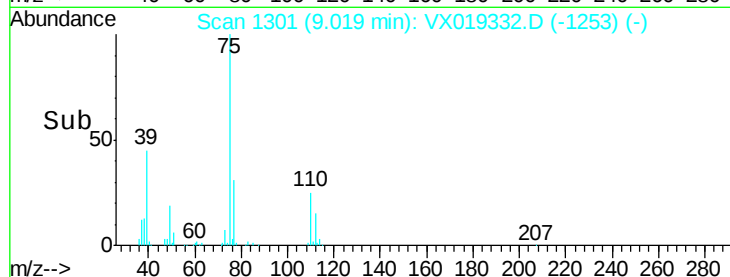
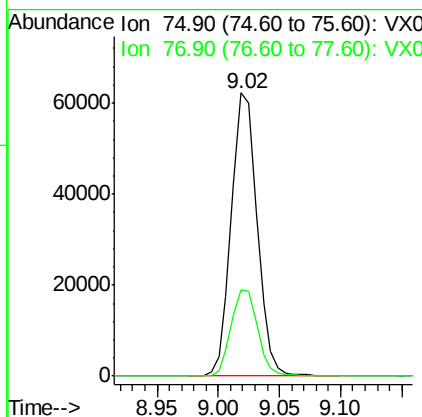
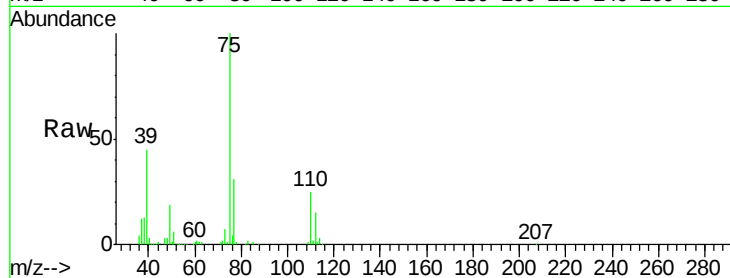
#53
t-1,3-Dichloropropene
Concen: 19.140 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion: 75 Resp: 91084
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

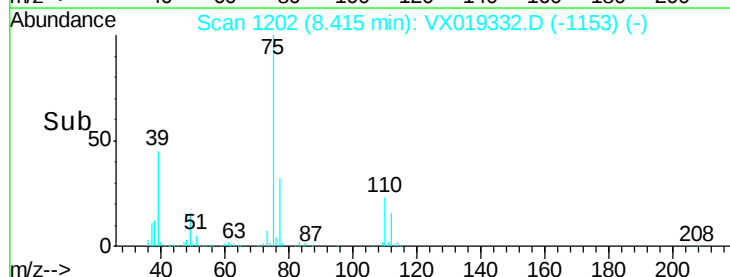
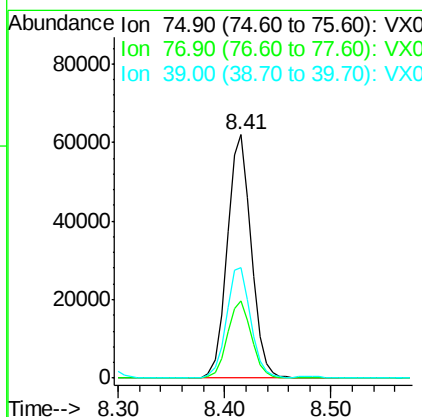
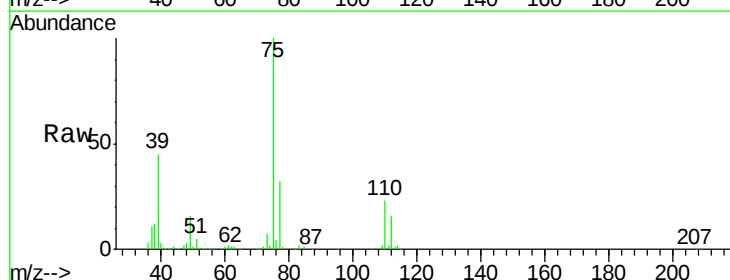
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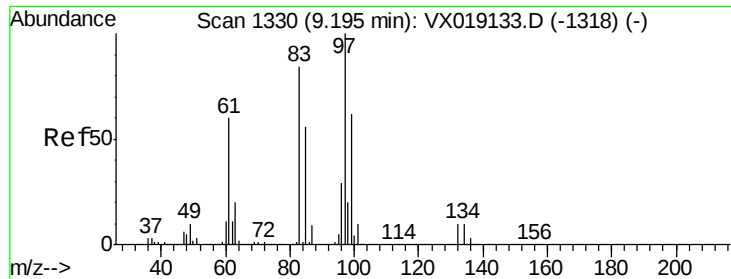
MMDadoda
11/9/2020 9:37:20 AM



#54
cis-1,3-Dichloropropene
Concen: 19.605 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 75 Resp: 98108
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 45.3 36.2 54.2





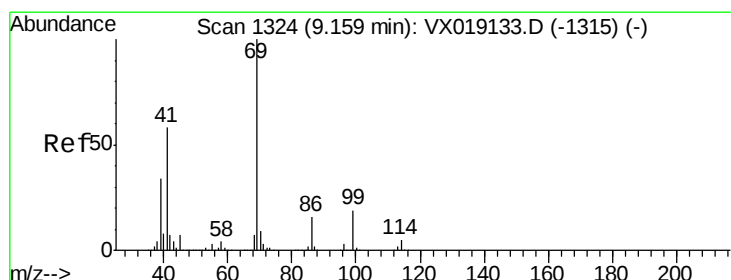
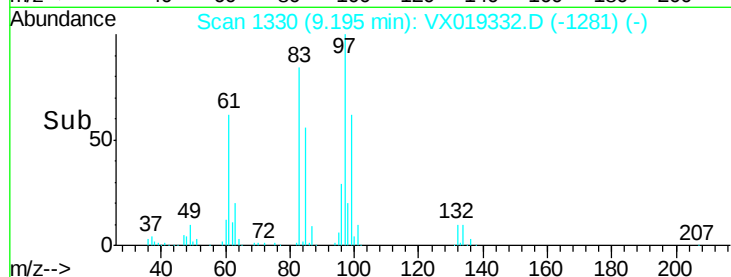
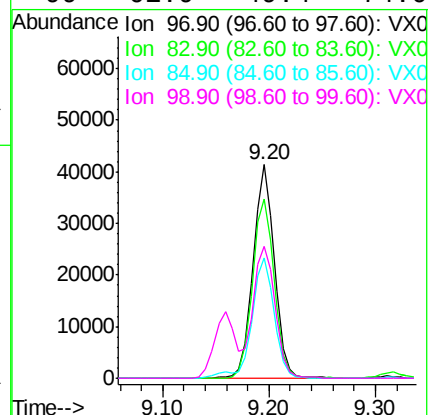
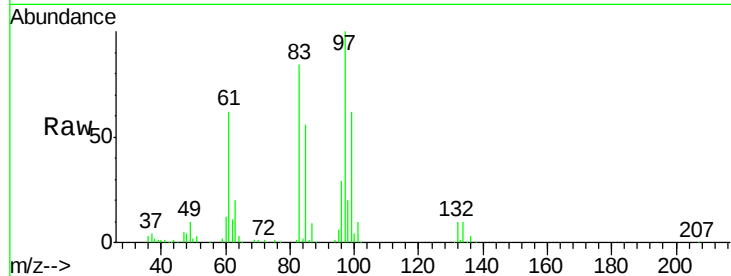
#55
 1,1,2-Trichloroethane
 Concen: 19.685 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tot Ion:	97	Resp:	58463
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.2	100.8
85	56.4	44.6	67.0
99	61.9	49.4	74.0

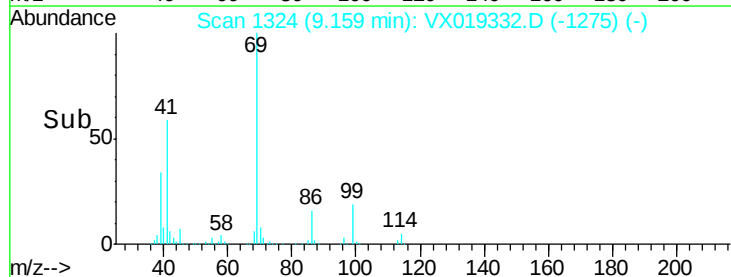
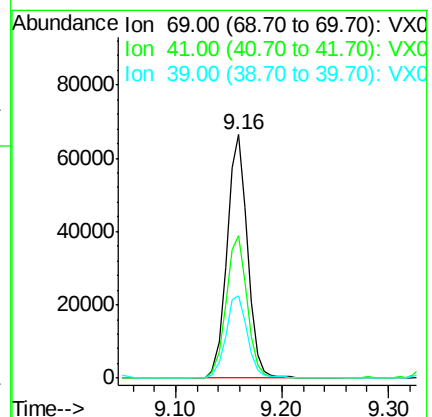
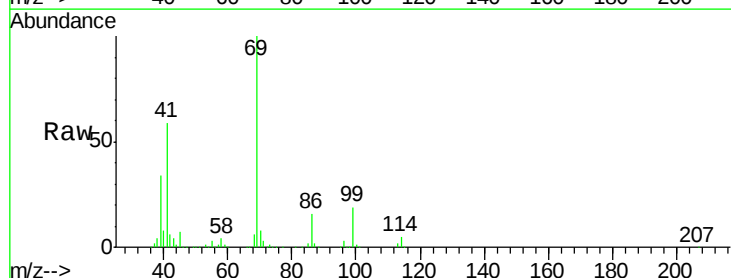
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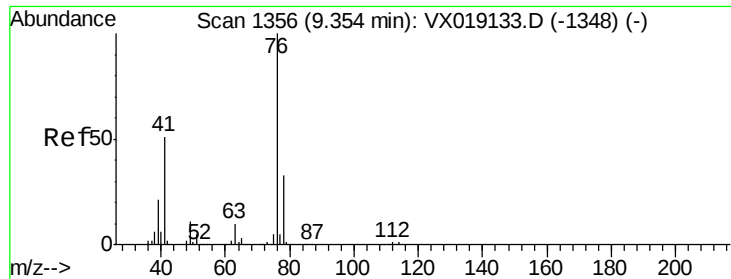
MMDadoda
 11/9/2020 9:37:20 AM



#56
 Ethyl methacrylate
 Concen: 20.003 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion:	69	Resp:	89733
Ion	Ratio	Lower	Upper
69	100		
41	60.0	46.5	69.7
39	35.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 20.191 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tot Ion: 76 Resp: 101102

Ion Ratio Lower Upper

76 100

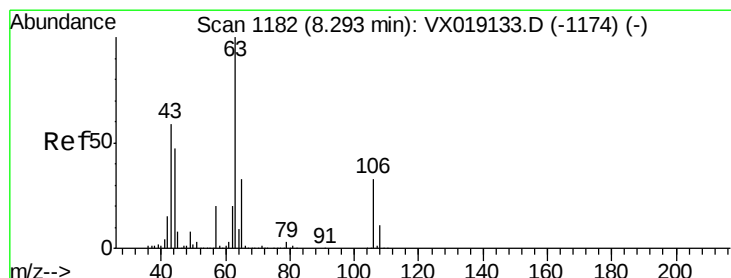
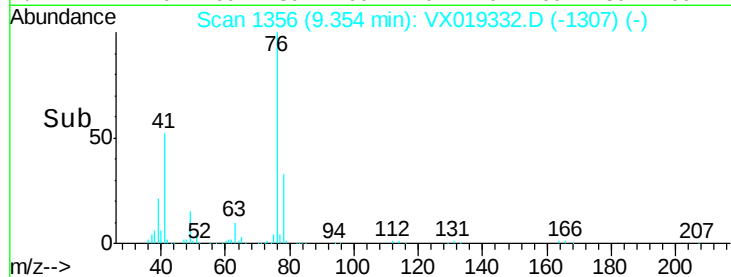
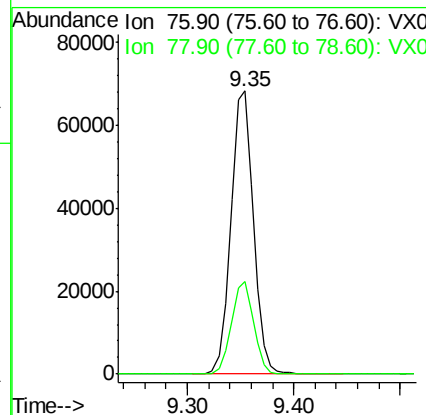
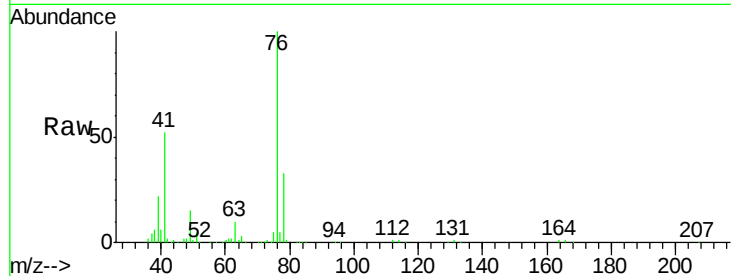
78 32.5 25.9 38.9

Manual Integrations

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MMDadoda

11/9/2020 9:37:20 AM



#58

2-Chloroethyl Vinyl ether

Concen: 93.278 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019332.D

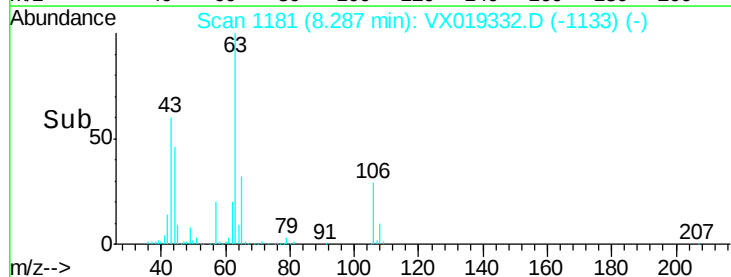
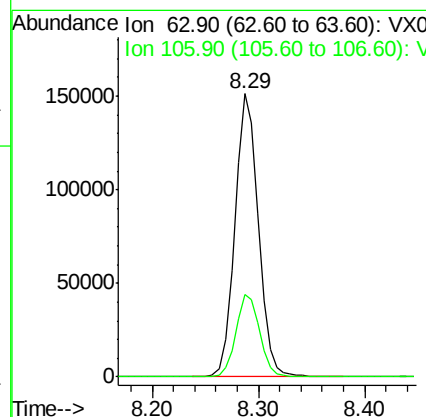
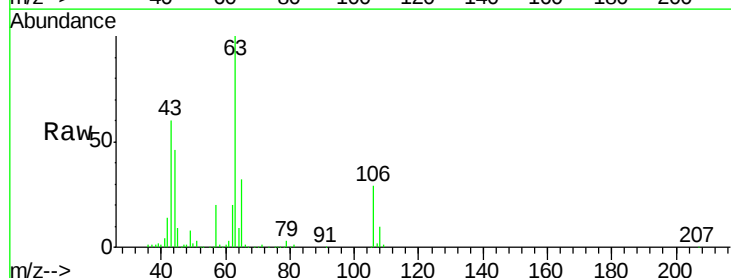
Acq: 06 Nov 2020 11:37

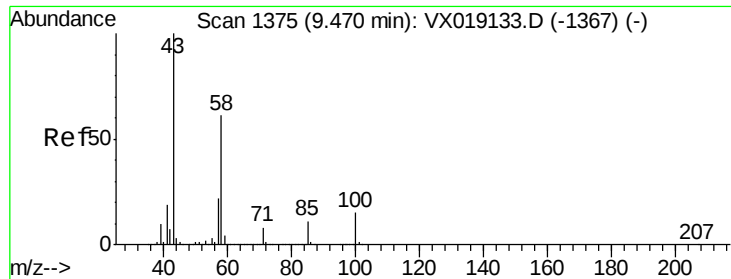
Tgt Ion: 63 Resp: 234018

Ion Ratio Lower Upper

63 100

106 29.4 25.1 37.7





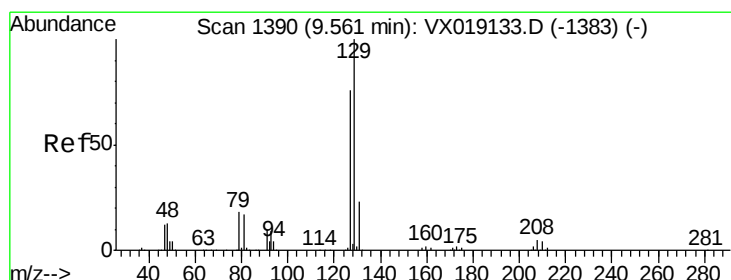
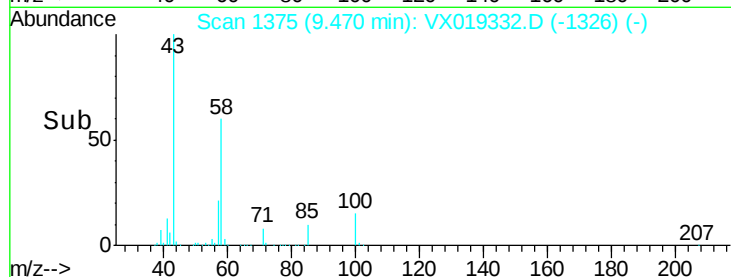
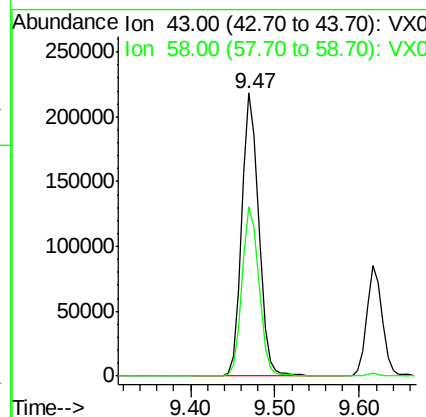
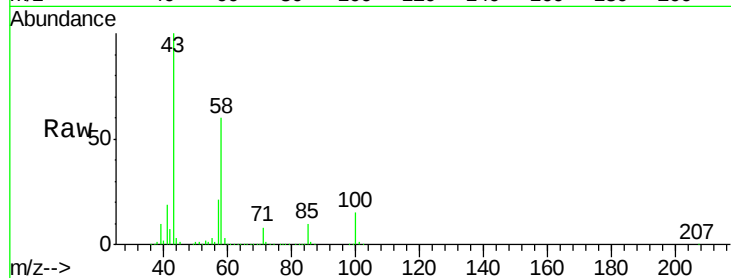
#59
2-Hexanone
Concen: 105.494 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.0	30.5	91.5

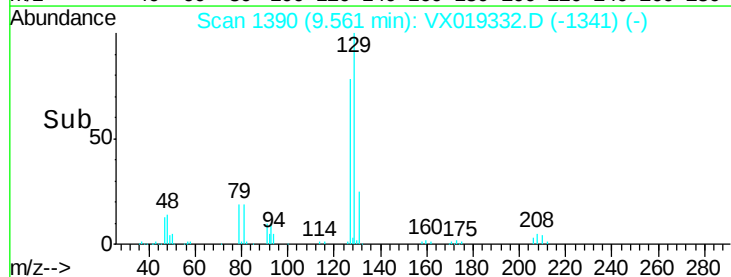
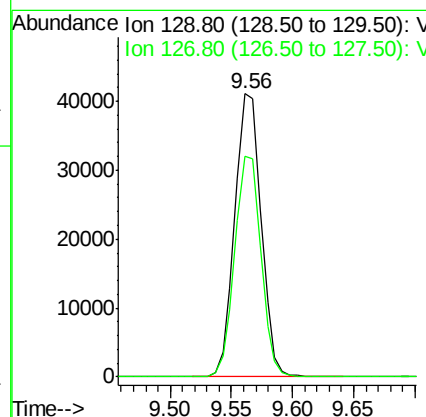
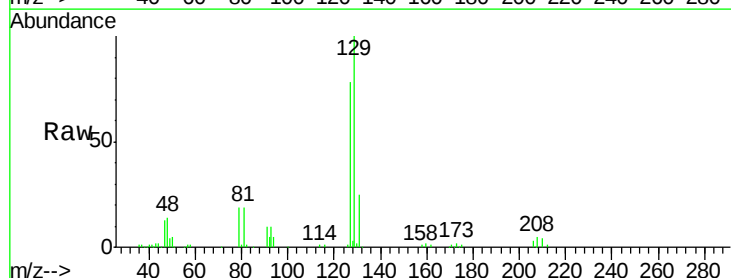
Manual Integrations
APPROVED

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#60
Dibromochloromethane
Concen: 19.000 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.6	115.8





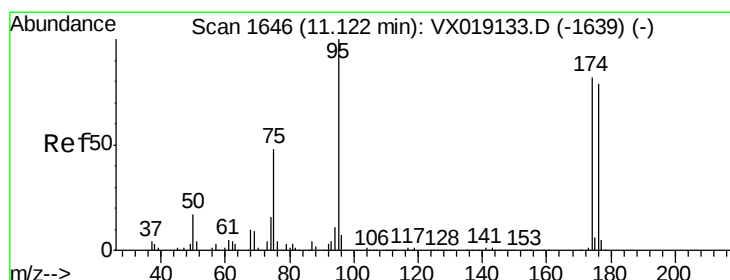
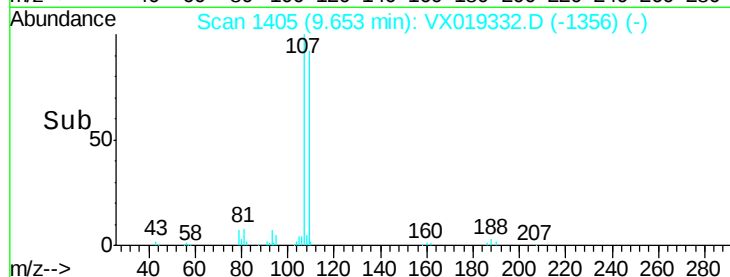
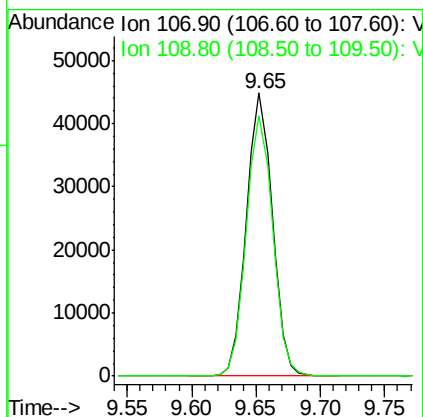
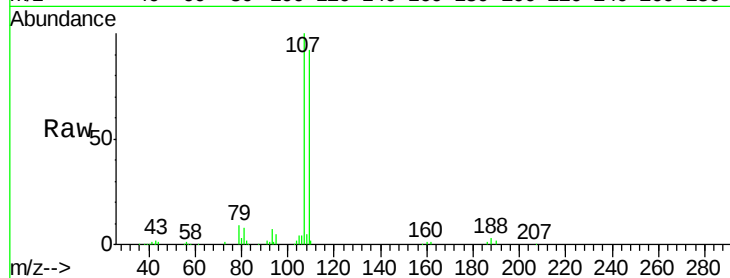
#61
 1,2-Dibromoethane
 Concen: 19.636 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.9	113.9

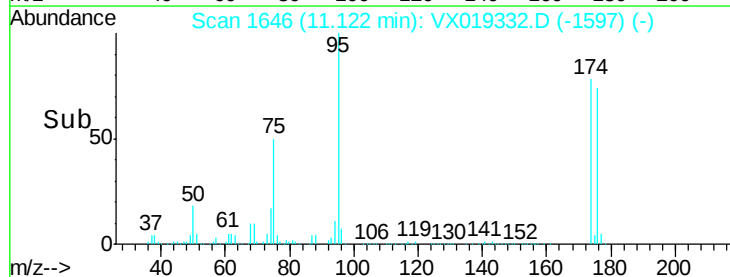
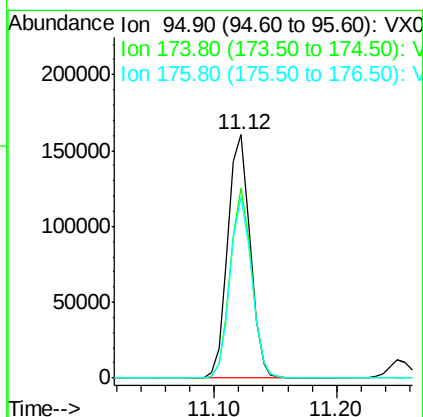
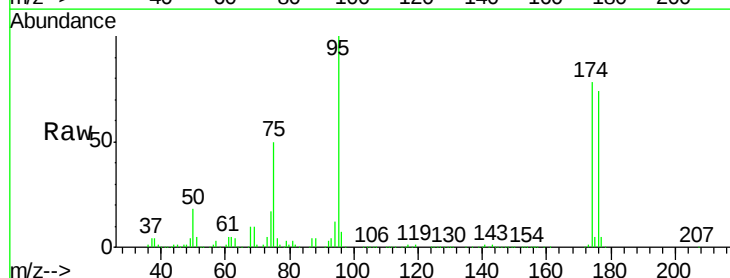
Manual Integrations
 APPROVED

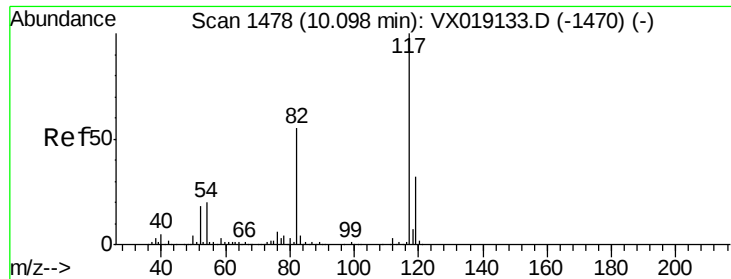
MMDadoda
 11/9/2020 9:37:20 AM



#62
 4-Bromofluorobenzene
 Concen: 50.786 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	156.0
176	72.0	0.0	149.8





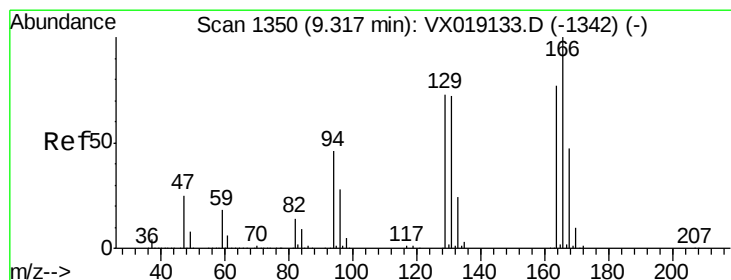
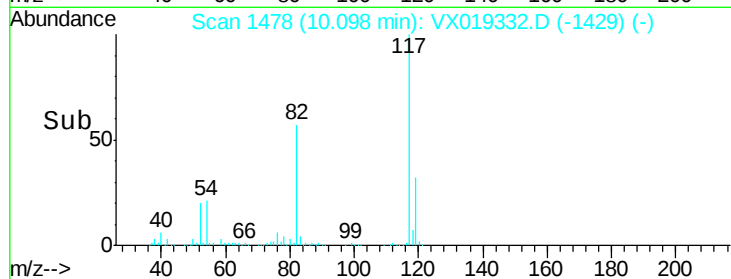
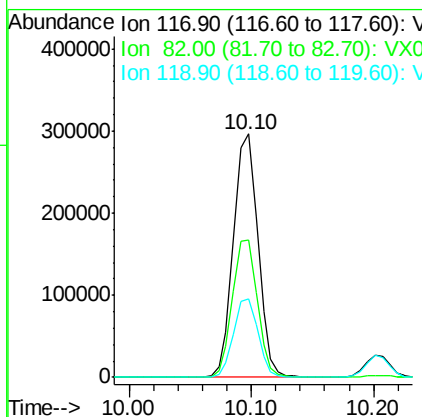
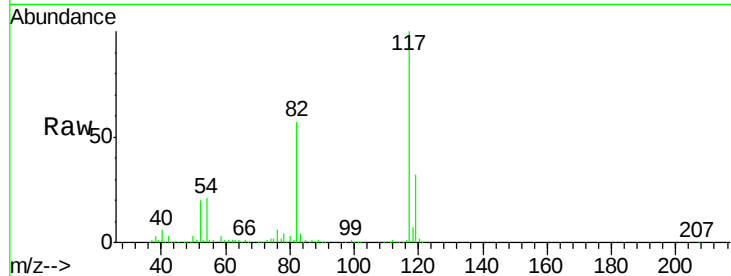
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	411714		
82	56.7	43.6	65.4	
119	32.2	25.5	38.3	

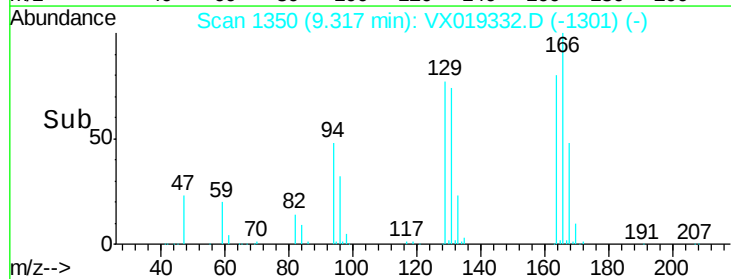
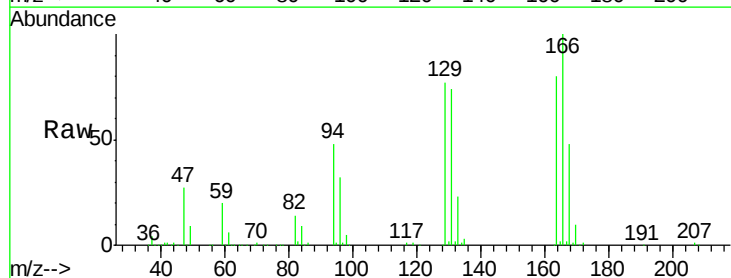
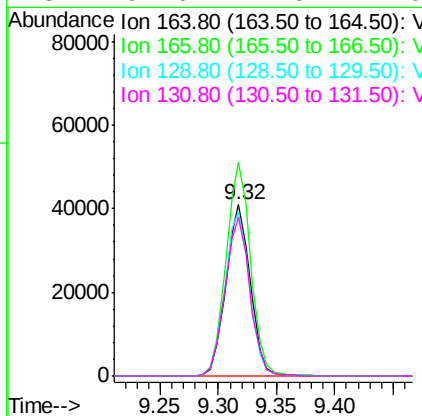
Manual Integrations
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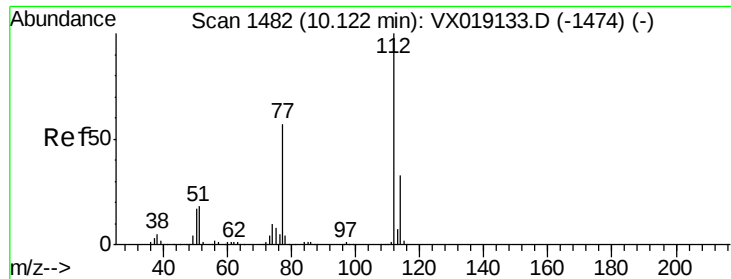
MMDadoda
11/9/2020 9:37:20 AM



#64
Tetrachloroethene
Concen: 18.926 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	59368		
166	124.7	104.1	156.1	
129	95.8	76.2	114.4	
131	92.6	74.6	112.0	





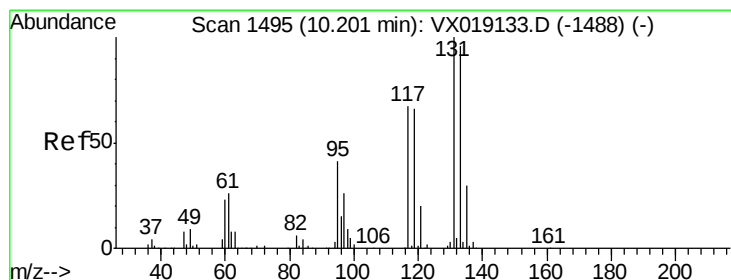
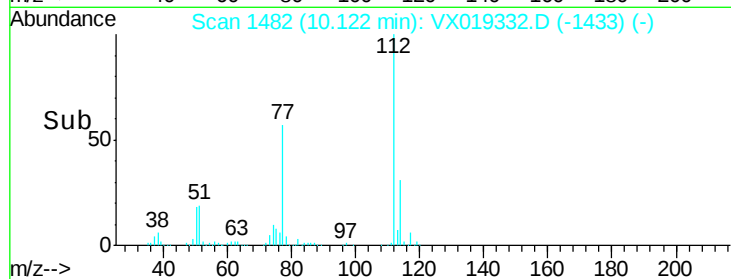
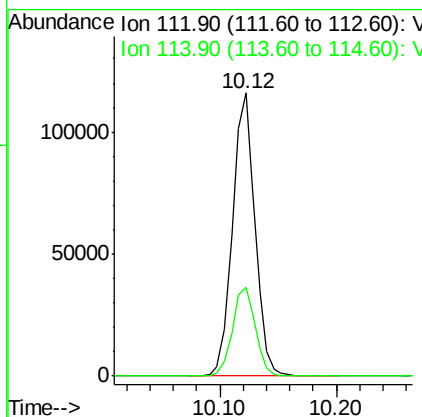
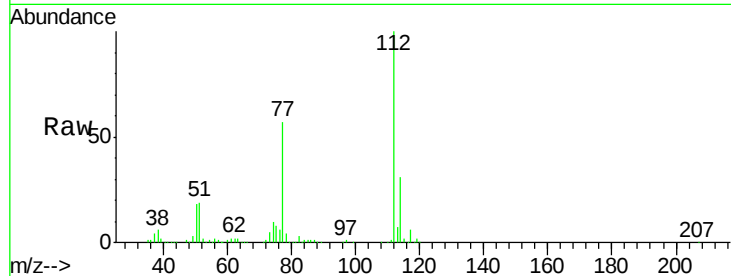
#65
Chlorobenzene
Concen: 18.546 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	156066		
114	31.5	26.1	39.1	

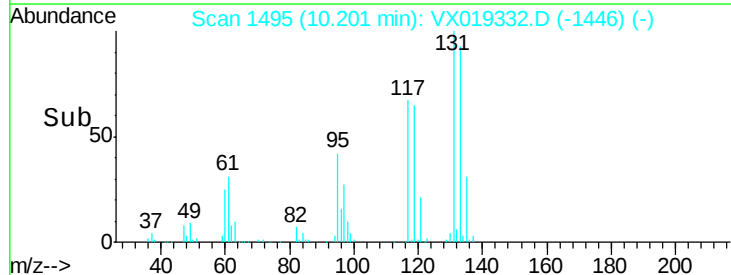
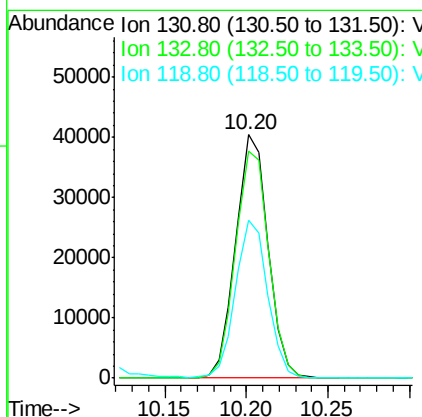
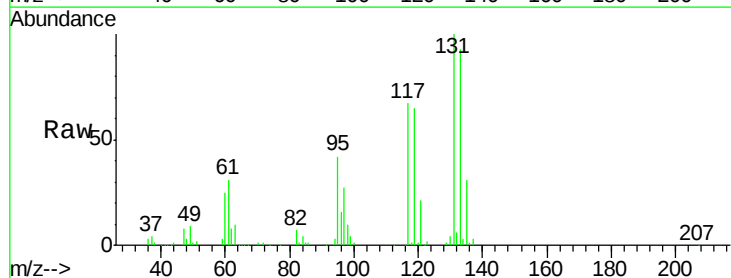
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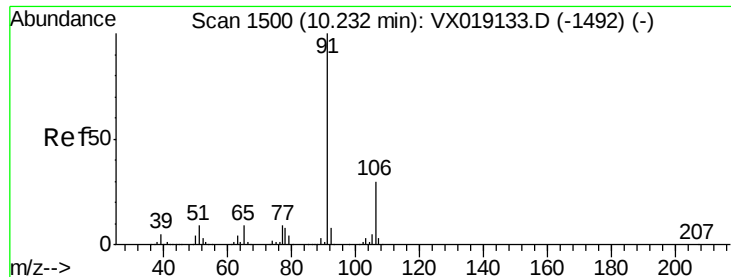
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.522 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	56111		
133	95.9	47.3	141.8	
119	64.6	32.3	96.9	





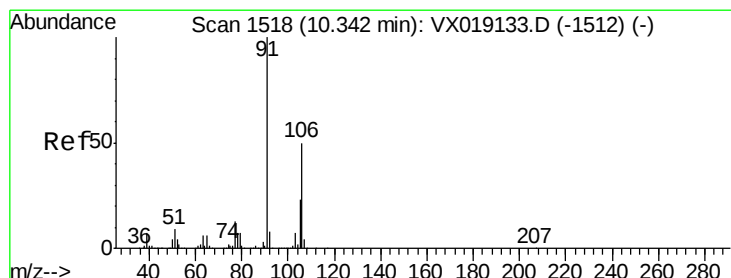
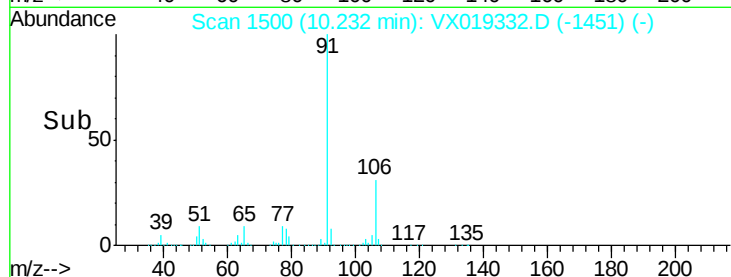
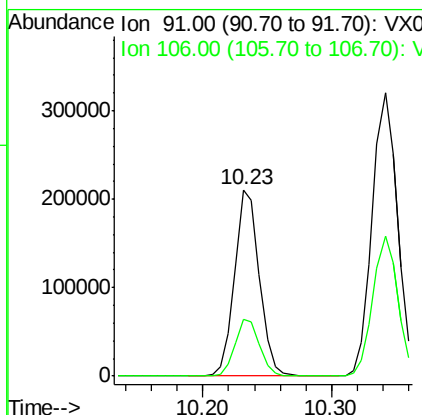
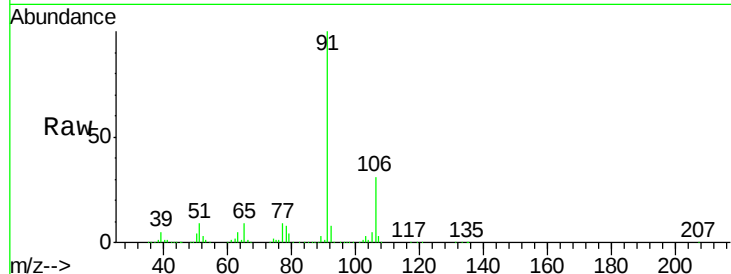
#67
Ethyl Benzene
Concen: 18.820 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampled :
VX1107WBSD01

Tot Ion: 91 Resp: 282204
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5

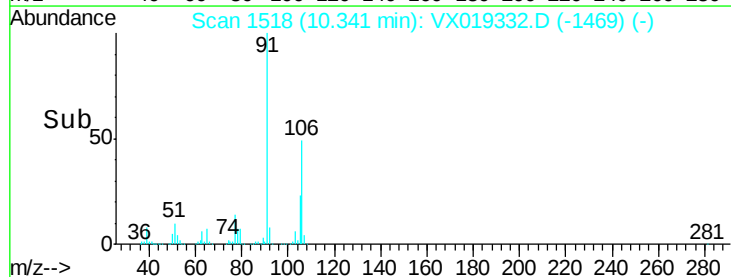
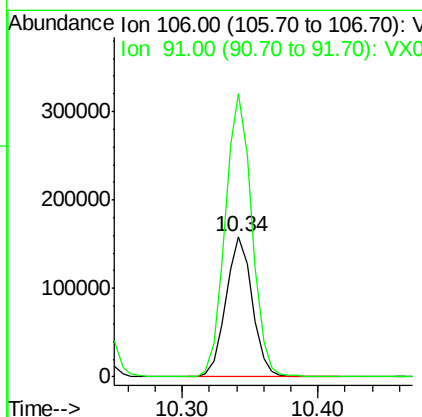
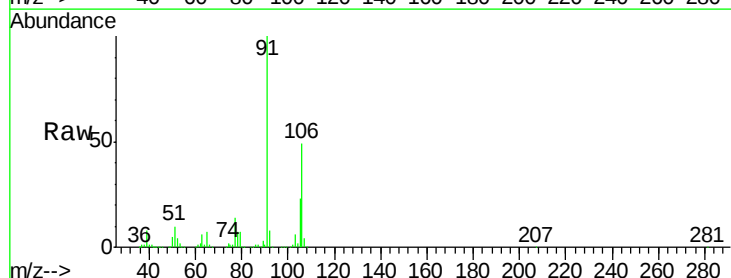
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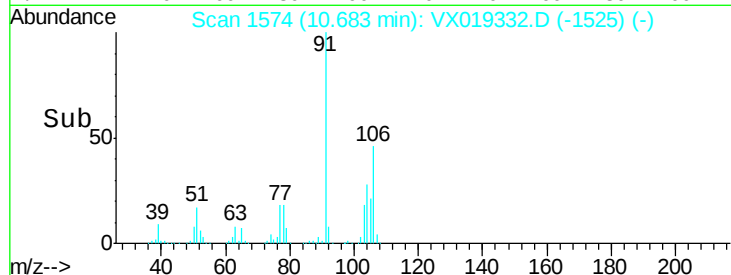
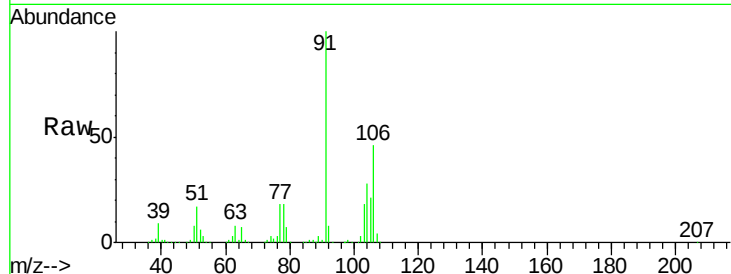
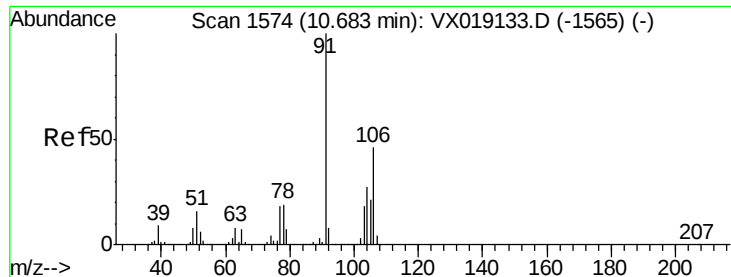
MMDadoda
11/9/2020 9:37:20 AM



#68
m/p-Xylenes
Concen: 37.727 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 106 Resp: 212321
Ion Ratio Lower Upper
106 100
91 204.9 161.0 241.4





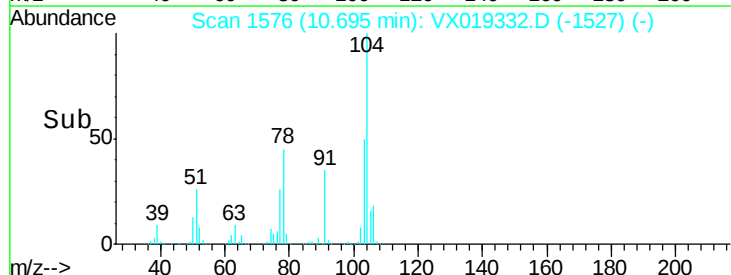
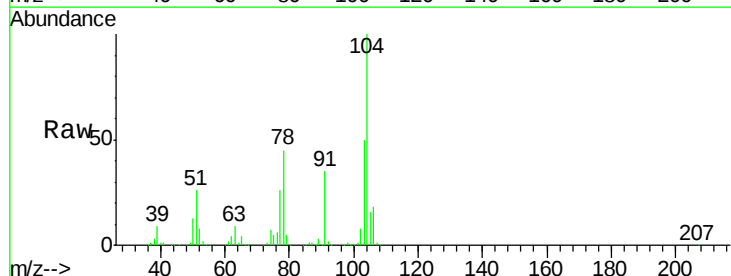
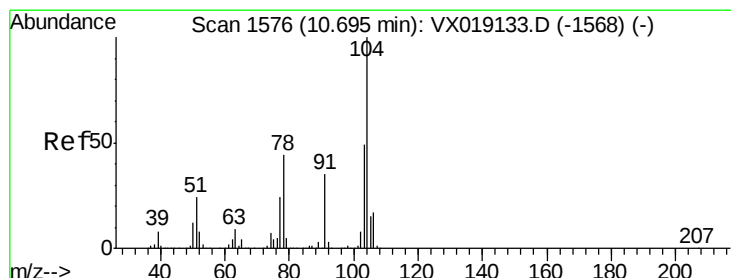
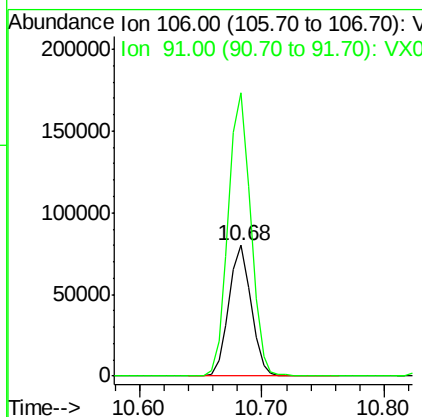
#69
o-Xylene
Concen: 18.963 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	101225		
91	218.1	108.3	324.8		

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

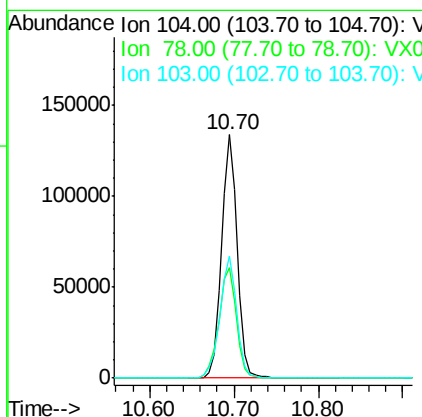
Manual Integrations
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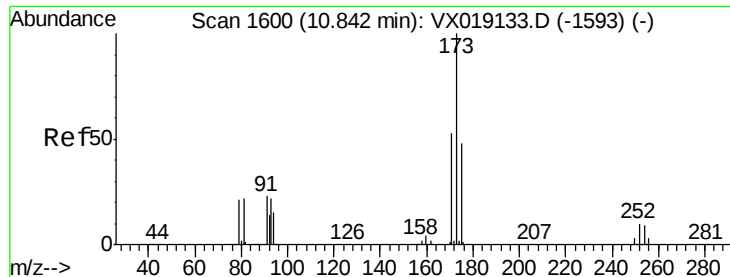
MMDadoda
11/9/2020 9:37:20 AM



#70
Styrene
Concen: 18.906 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	172192		
78	50.9	40.0	60.0		
103	54.0	43.5	65.3		





#71

Bromoform

Concen: 17.703 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tot Ion:173 Resp: 42522

Ion Ratio Lower Upper

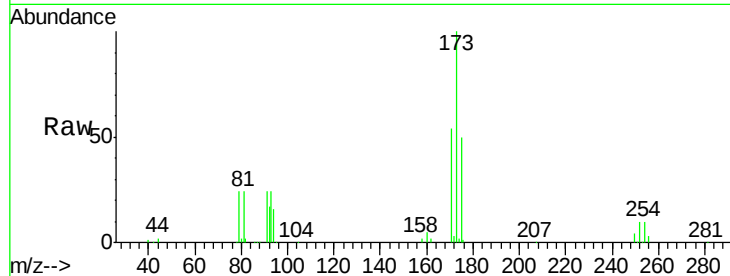
173 100

175 49.1 24.4 73.4

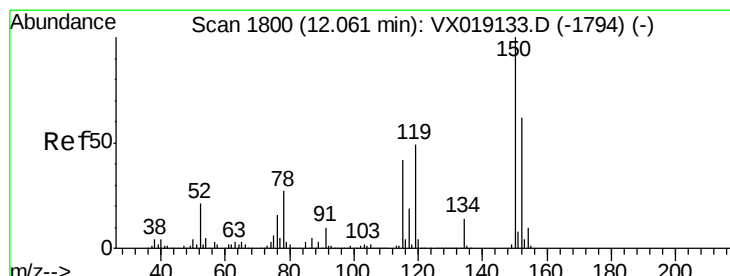
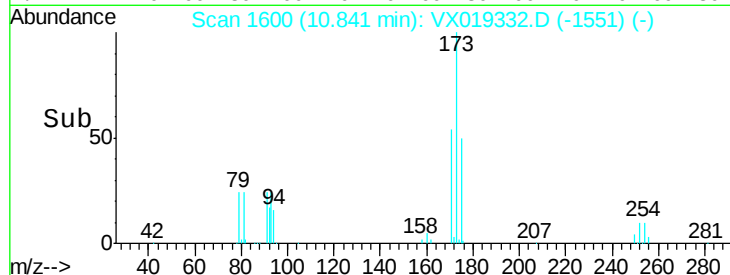
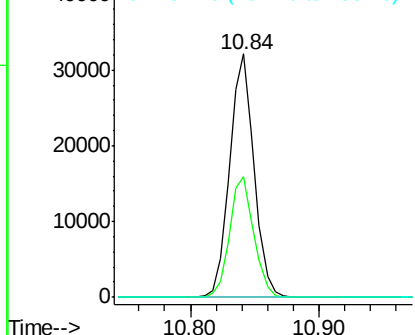
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

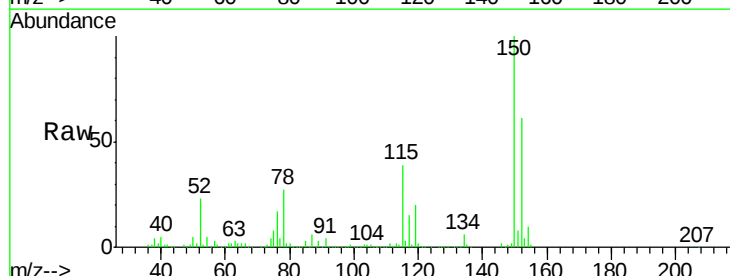
Tgt Ion:152 Resp: 209436

Ion Ratio Lower Upper

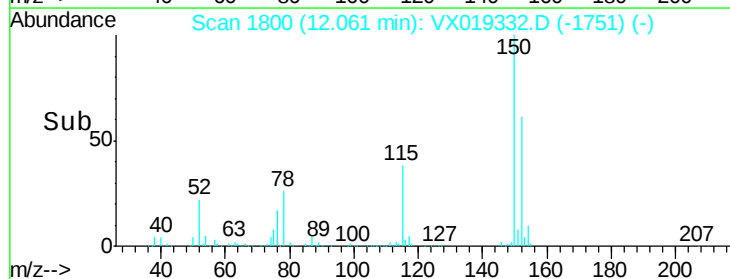
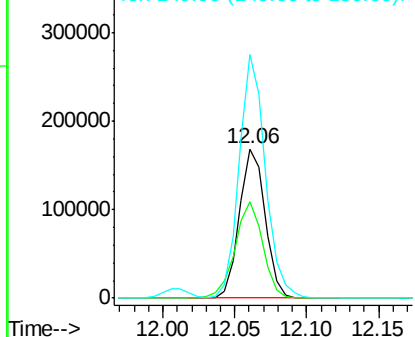
152 100

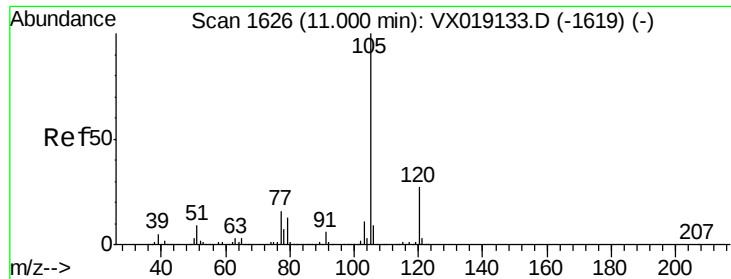
115 69.8 41.9 125.7

150 165.0 0.0 347.8



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: 18.633 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tot Ion: 105 Resp: 276235

Ion Ratio Lower Upper

105 100

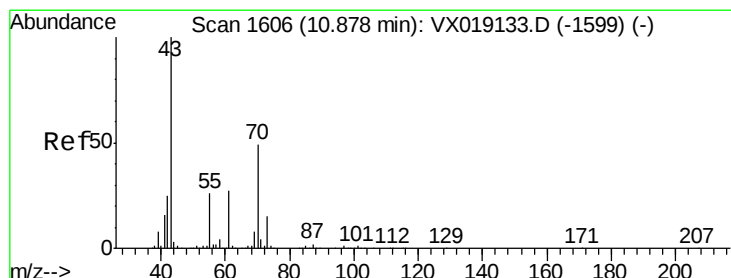
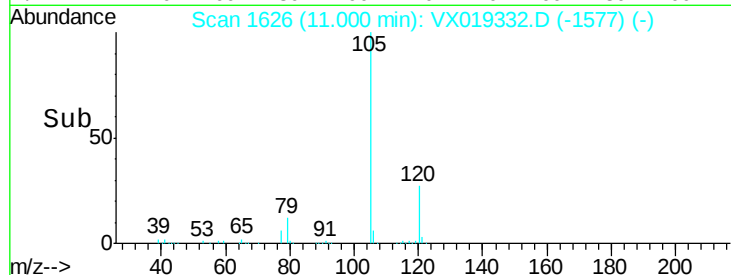
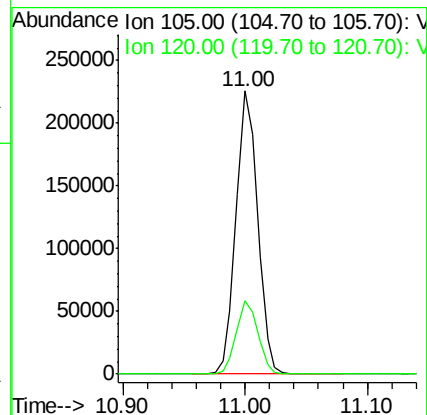
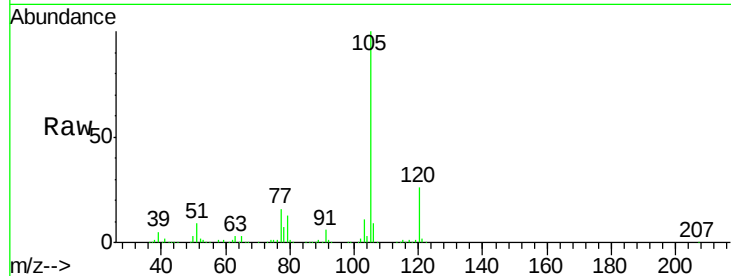
120 26.0 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.579 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion: 43 Resp: 106127

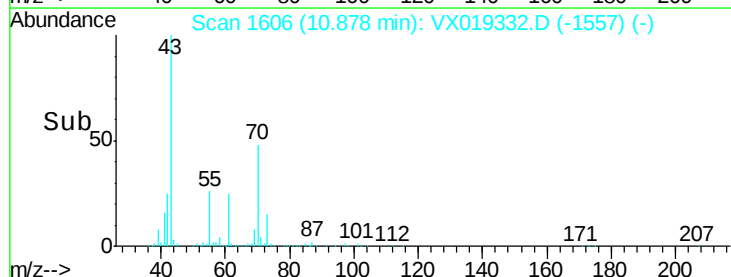
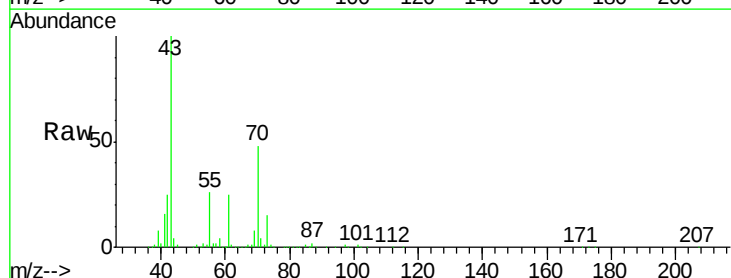
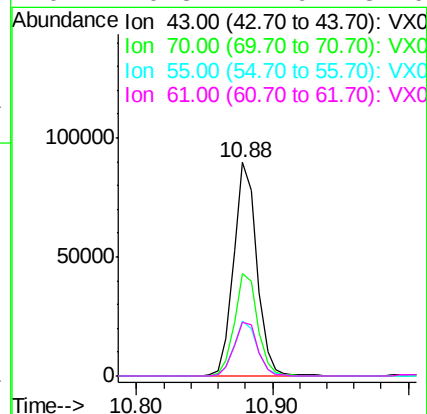
Ion Ratio Lower Upper

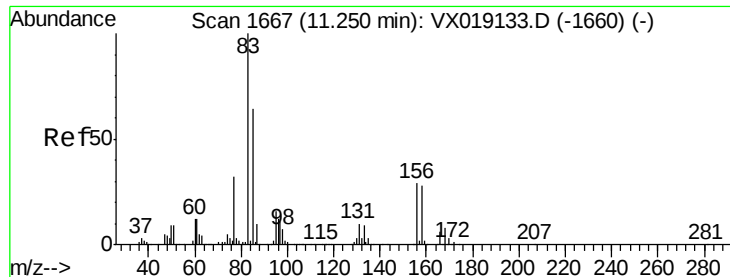
43 100

70 48.1 39.6 59.4

55 25.9 20.7 31.1

61 26.3 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.319 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

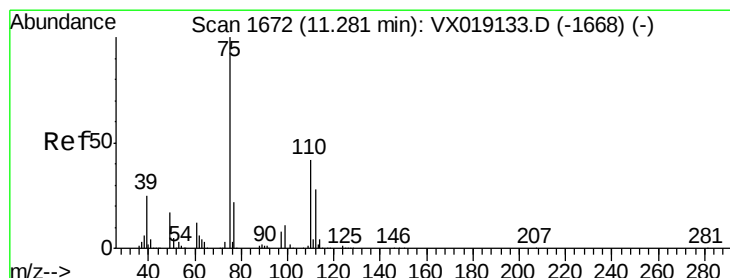
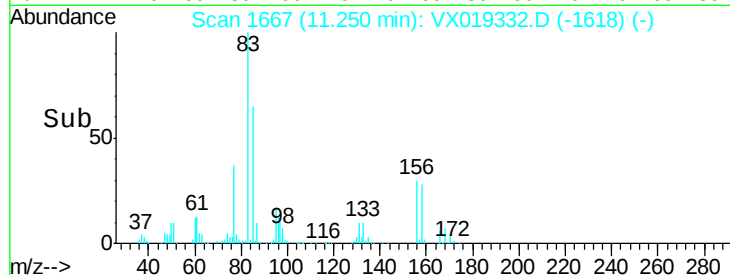
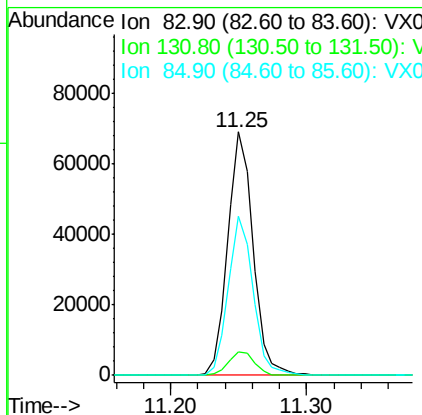
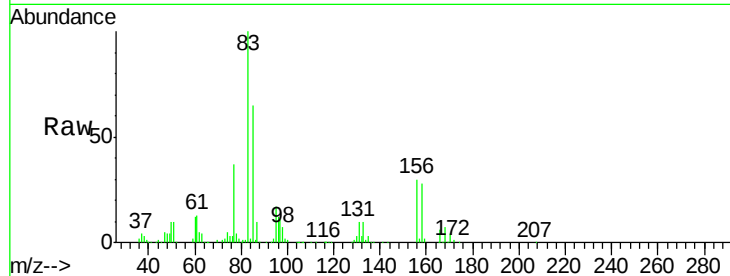
ClientSampleId :

VX1107WBSD01

Tot Ion:	83	Resp:	89509
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.2	15.6
85	64.5	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.115 ug/l m

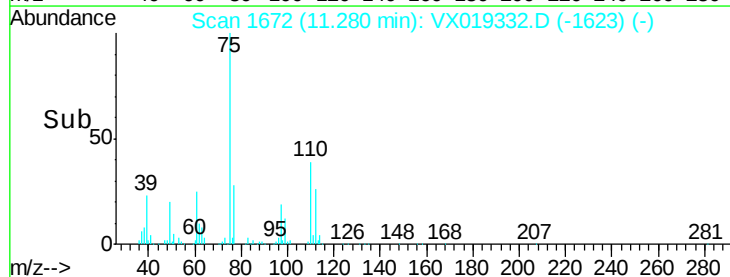
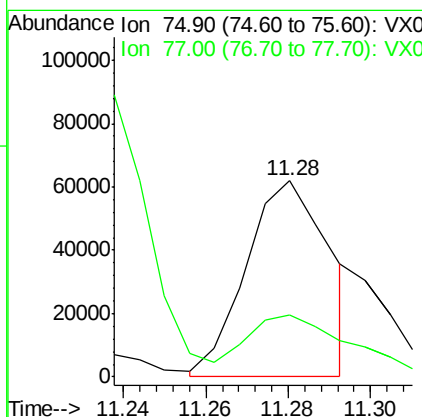
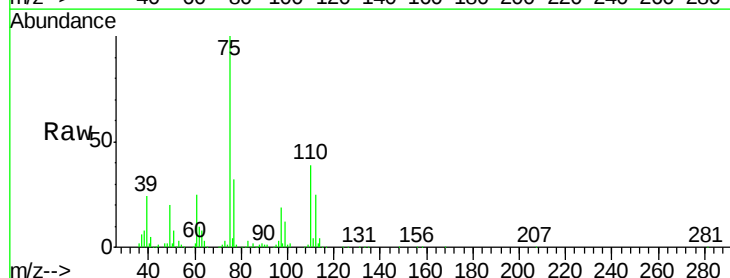
RT: 11.28 min Scan# 1672

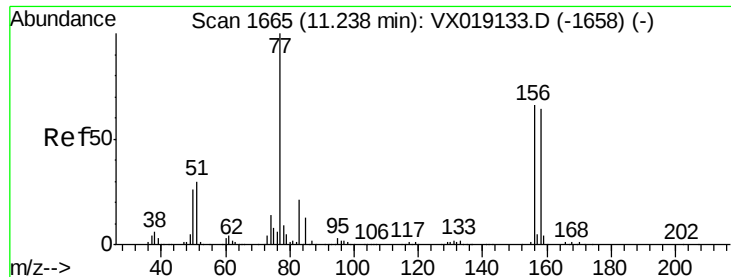
Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	75	Resp:	86987
Ion Ratio	Lower	Upper	
75	100		
77	39.5	20.3	60.9





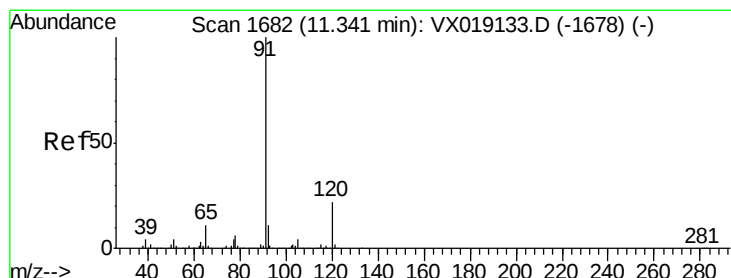
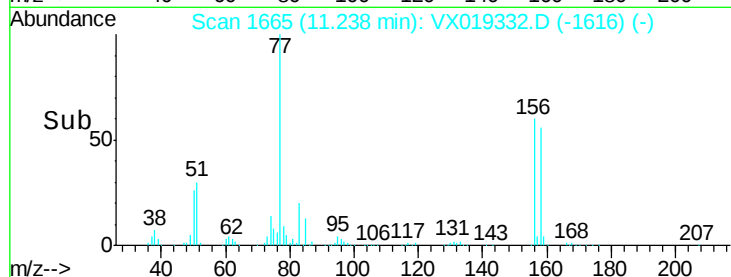
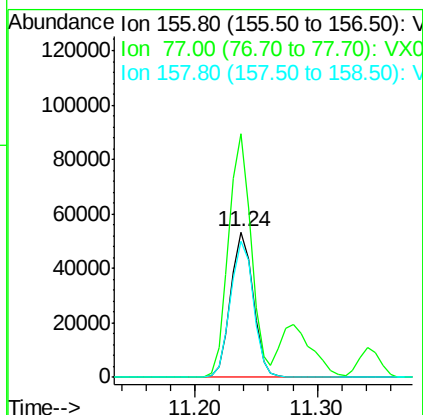
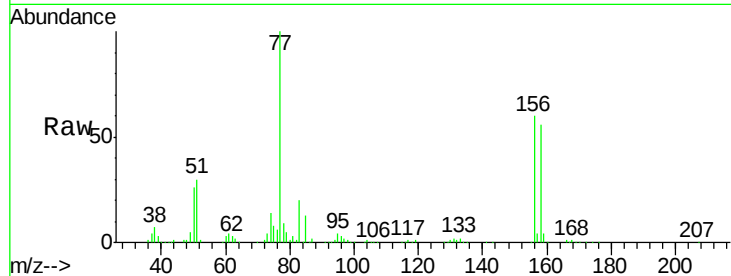
#77
Bromobenzene
Concen: 18.367 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	169.0	77.7	233.1	
158	96.0	48.3	144.8	

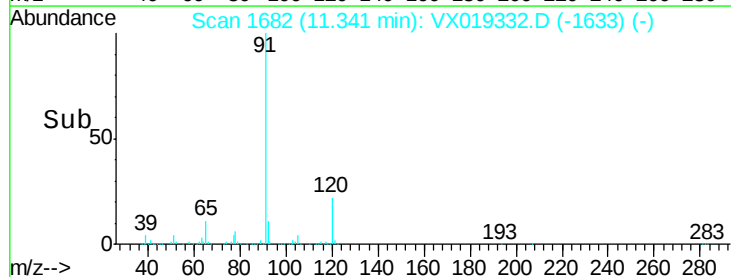
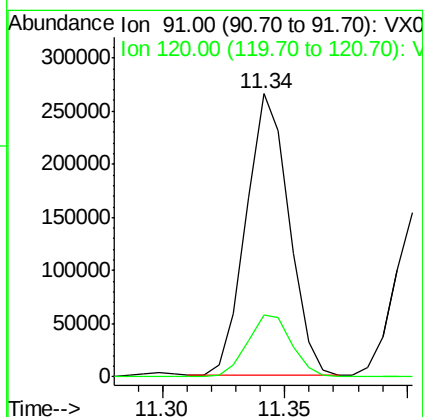
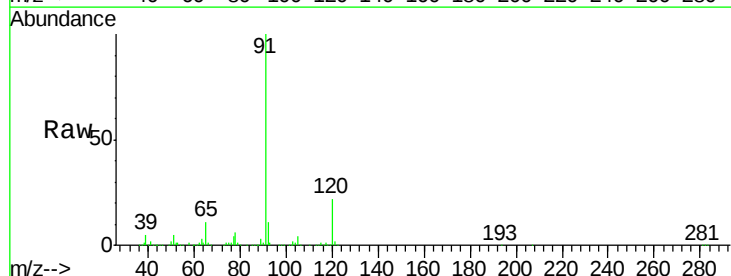
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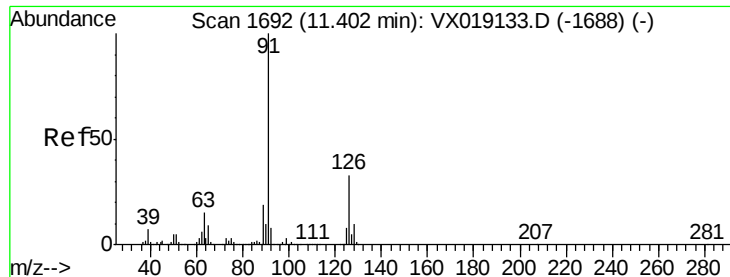
MMDadoda
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#78
n-propylbenzene
Concen: 19.117 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.9	11.7	35.0	





#79

2-Chlorotoluene

Concen: 19.196 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tot Ion: 91 Resp: 191258

Ion Ratio Lower Upper

91 100

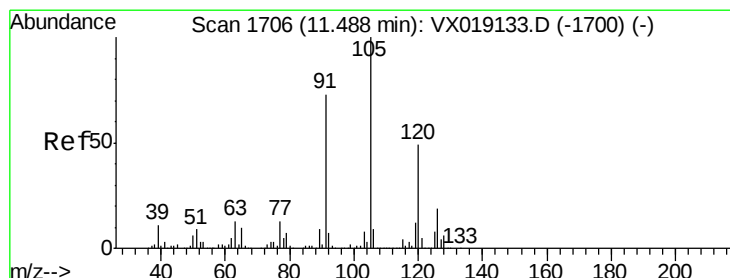
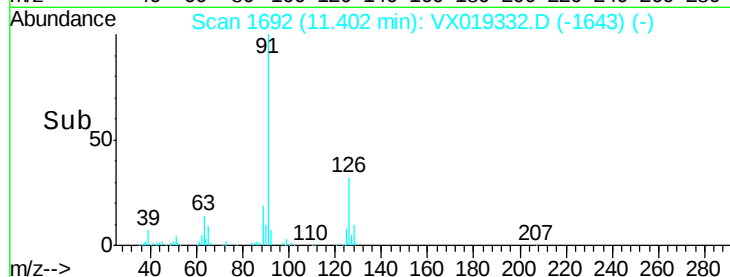
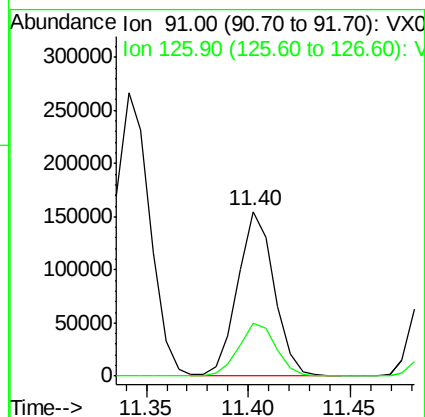
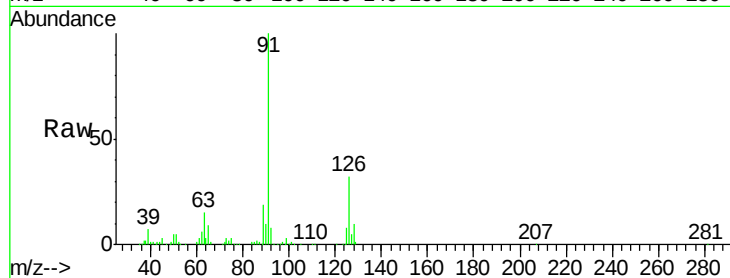
126 33.0 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 18.776 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019332.D

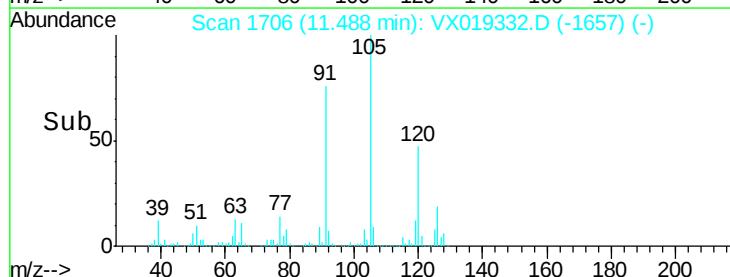
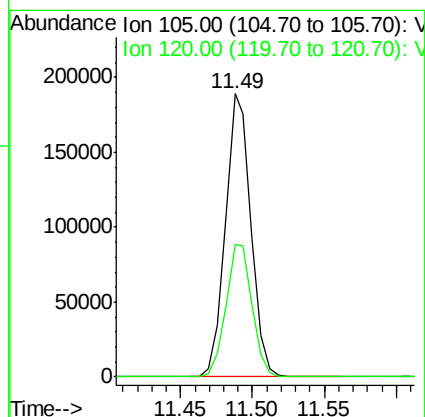
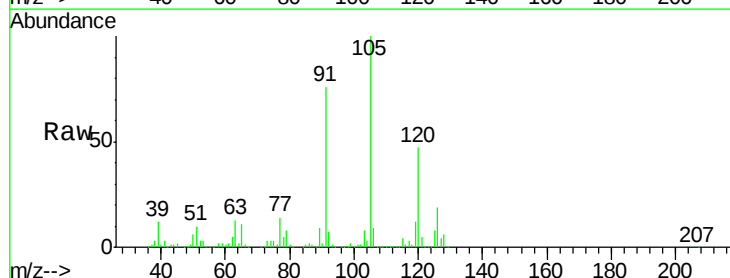
Acq: 06 Nov 2020 11:37

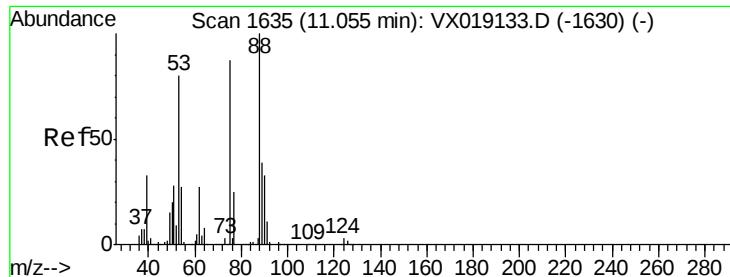
Tgt Ion: 105 Resp: 235147

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.185 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

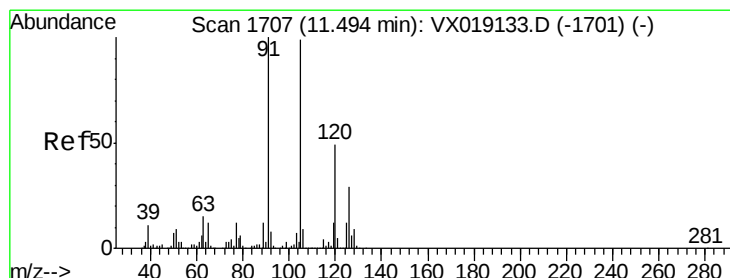
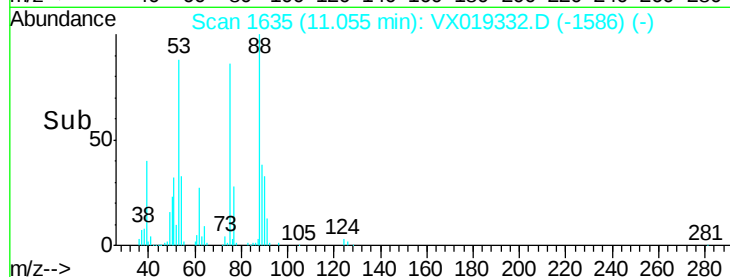
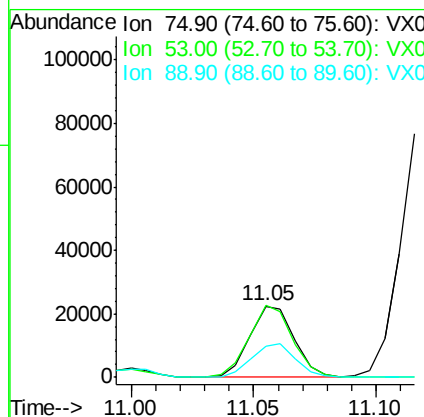
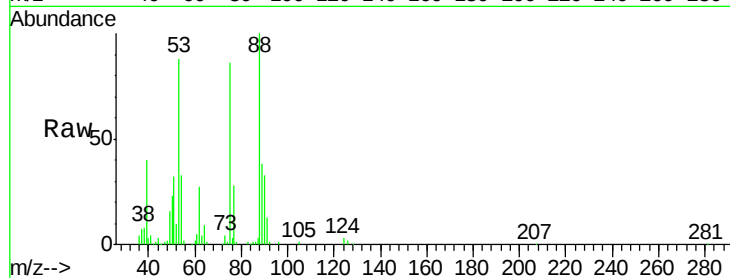
ClientSampleId :

VX1107WBSD01

Tot Ion:	75	Resp:	28224
Ion	Ratio	Lower	Upper
75	100		
53	99.5	73.3	109.9
89	47.8	38.2	57.2

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#82

4-Chlorotoluene

Concen: 18.994 ug/l

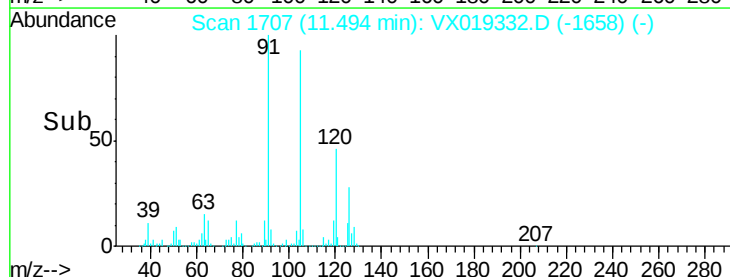
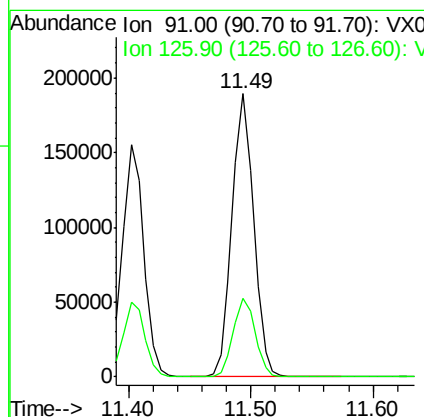
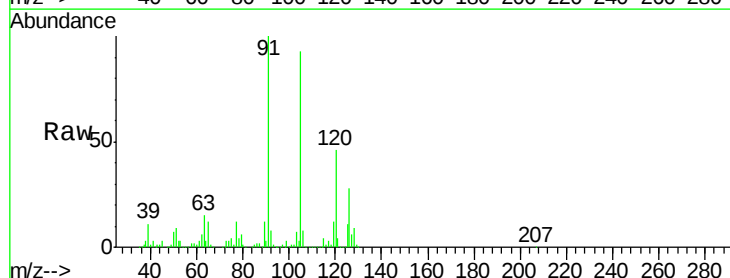
RT: 11.49 min Scan# 1707

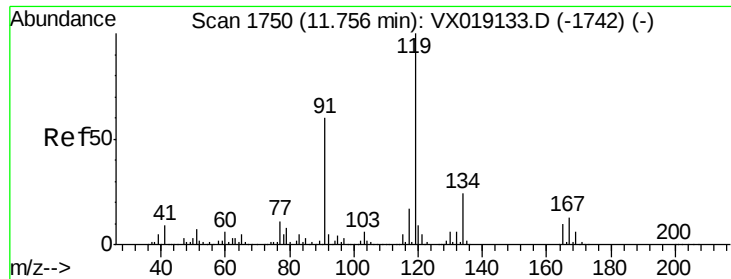
Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	91	Resp:	231098
Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.8	44.4





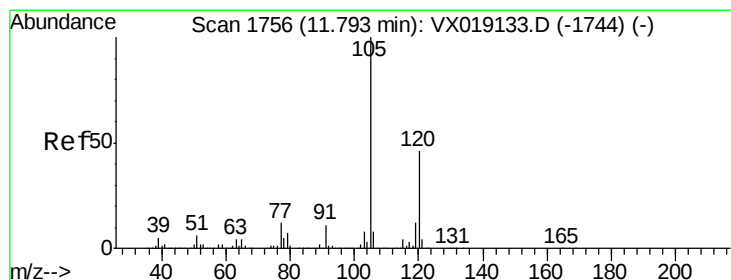
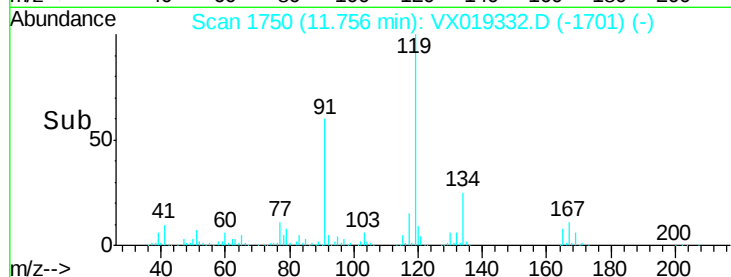
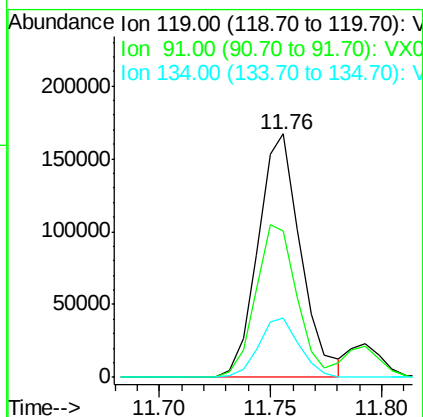
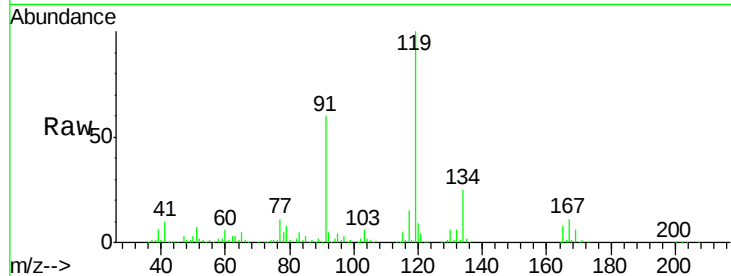
#83
tert-Butylbenzene
Concen: 18.538 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	222303		
91	60.4	29.0	87.1	
134	23.3	11.7	35.0	

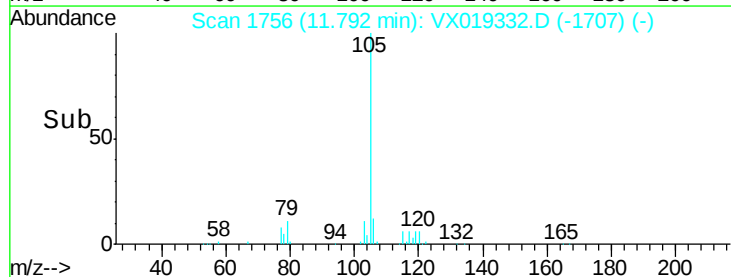
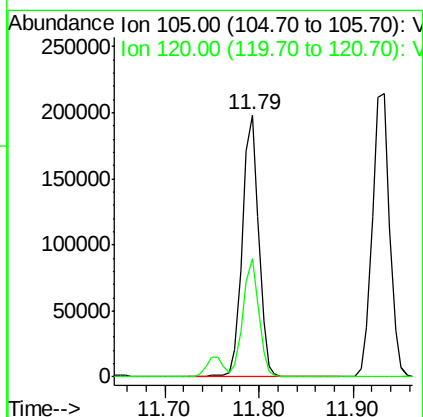
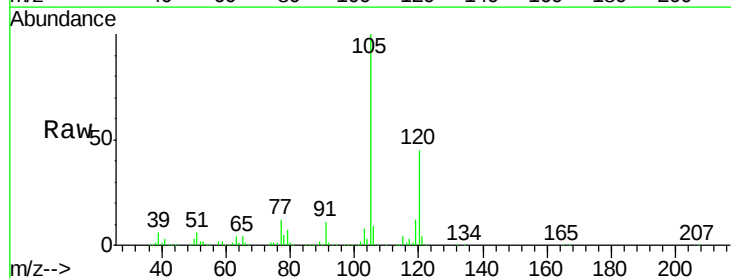
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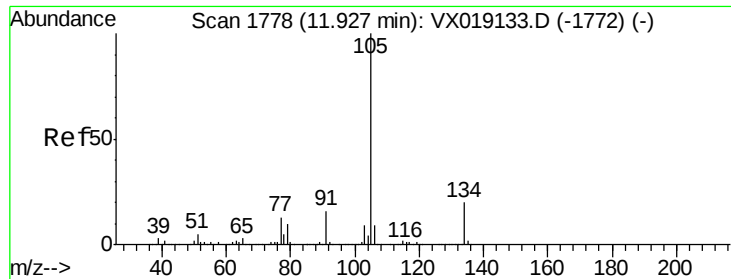
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#84
1,2,4-Trimethylbenzene
Concen: 18.981 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239991		
120	43.8	22.4	67.3	





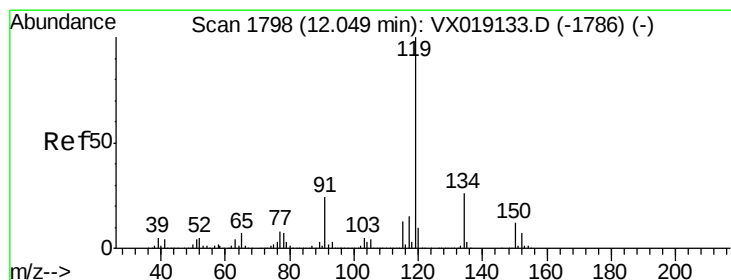
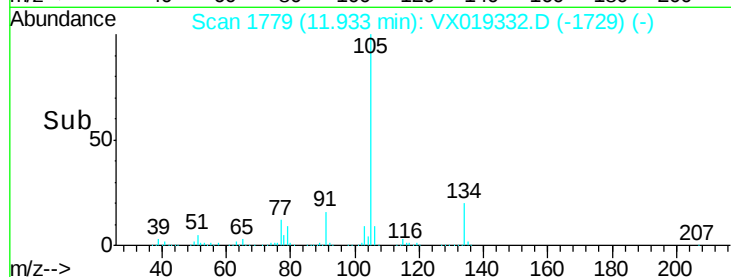
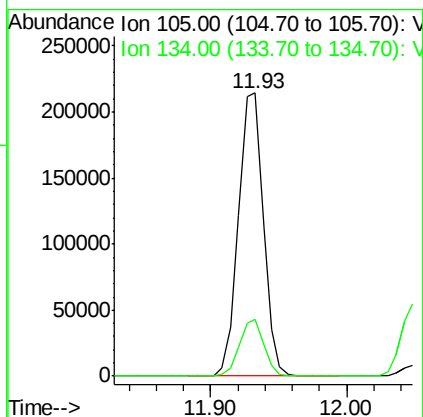
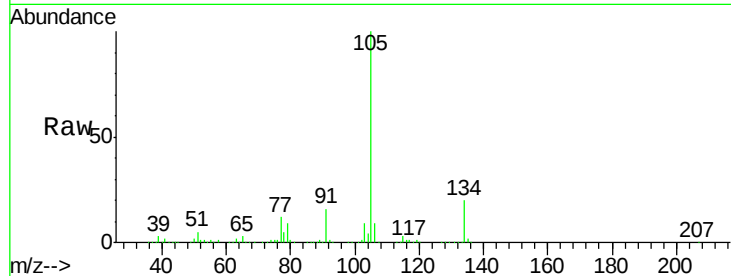
#85
 sec-Butylbenzene
 Concen: 19.053 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.1	30.1

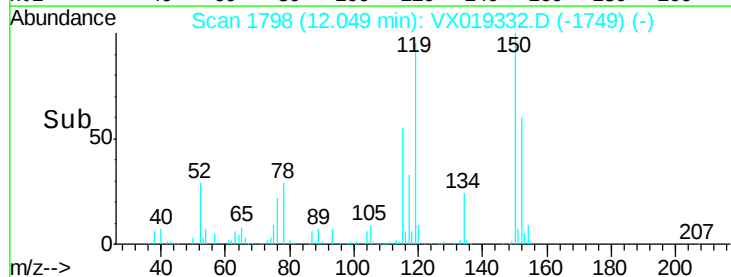
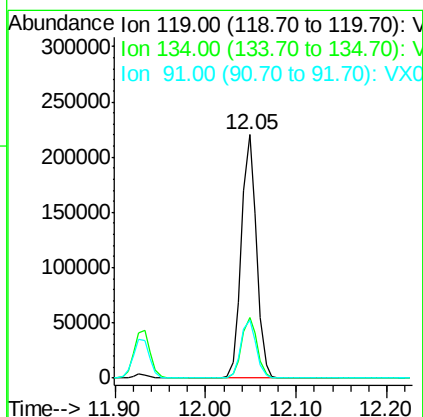
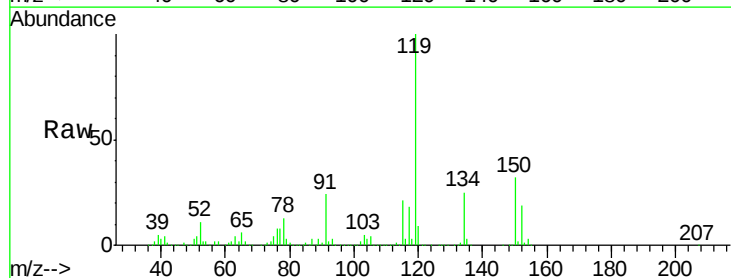
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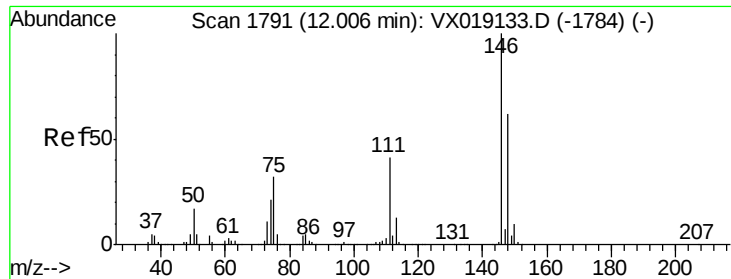
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#86
 p-Isopropyltoluene
 Concen: 19.204 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	24.5	12.0	36.0





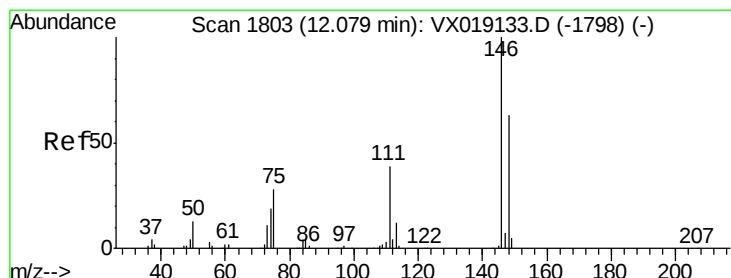
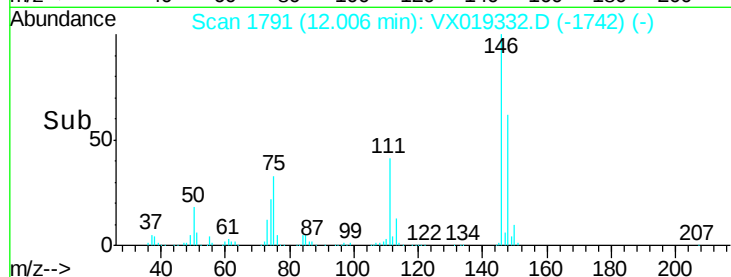
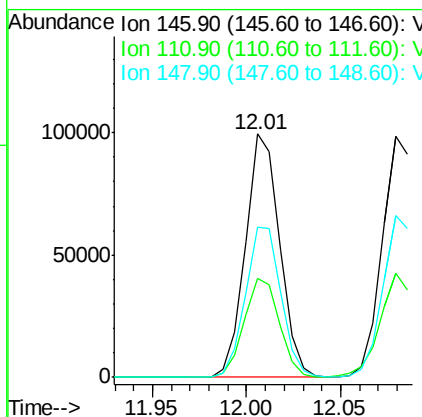
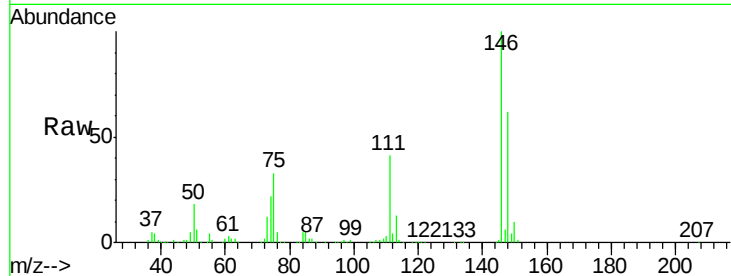
#87
 1,3-Dichlorobenzene
 Concen: 18.345 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.4	61.2
148	64.1	31.6	94.8

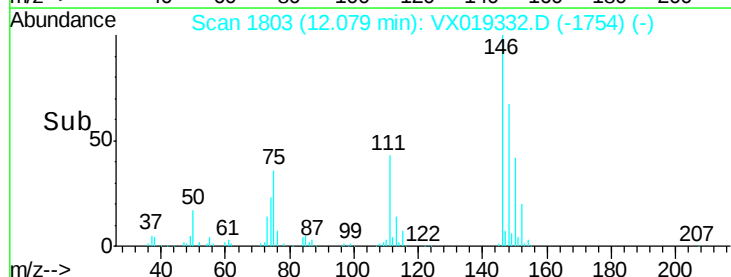
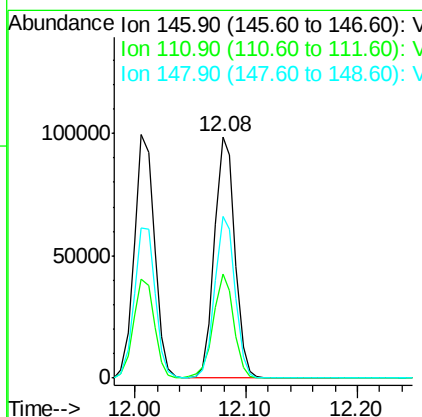
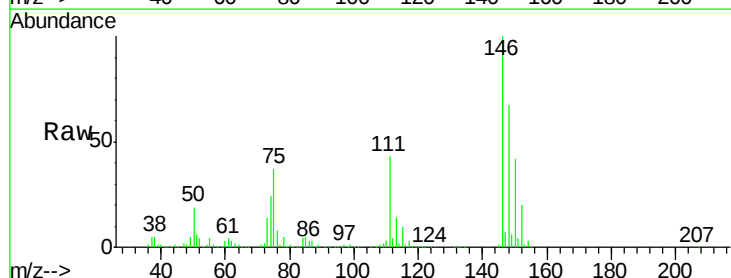
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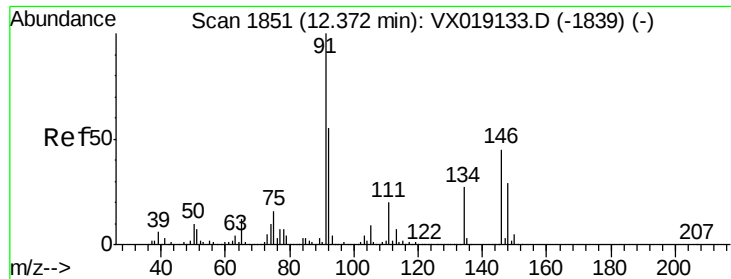
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#88
 1,4-Dichlorobenzene
 Concen: 17.603 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.2	60.5
148	66.5	31.3	93.8





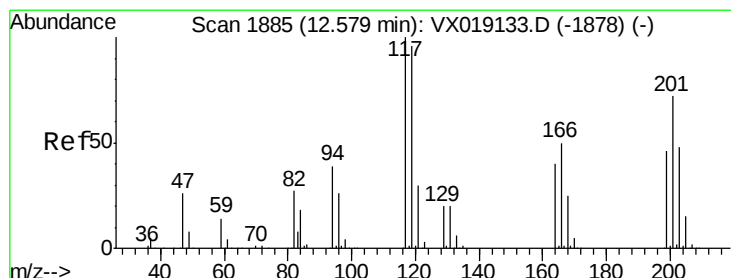
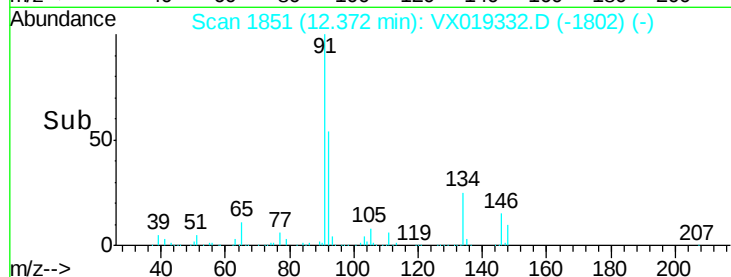
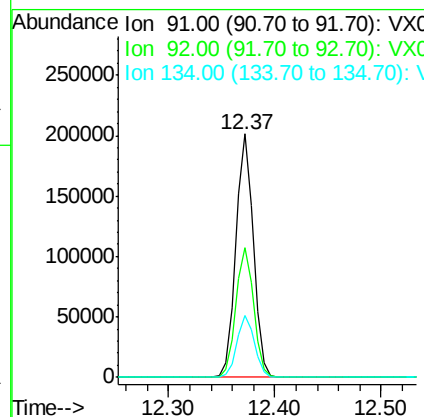
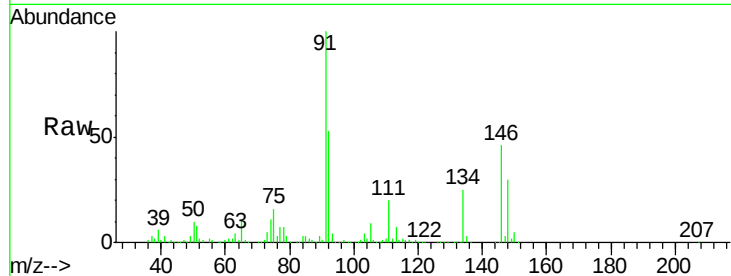
#89
n-Butylbenzene
Concen: 18.726 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.5	82.4
134	25.3	13.2	39.6

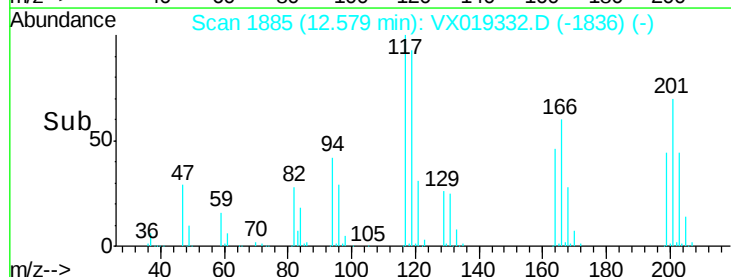
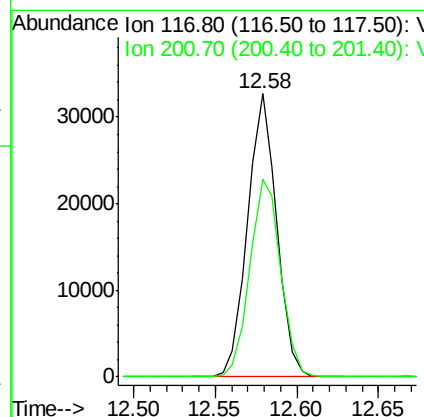
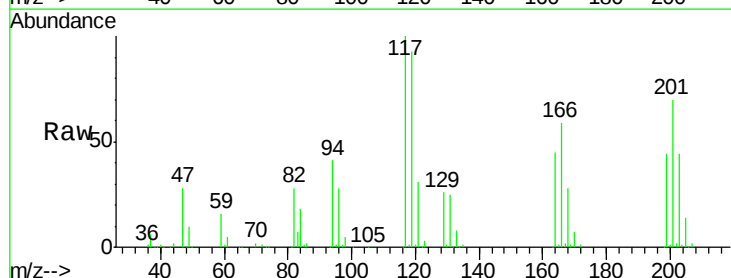
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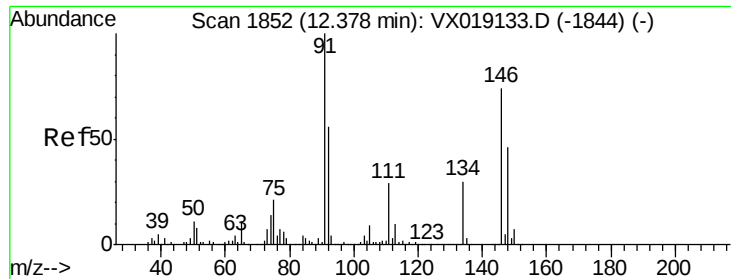
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#90
Hexachloroethane
Concen: 18.040 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.0	38.5	115.3





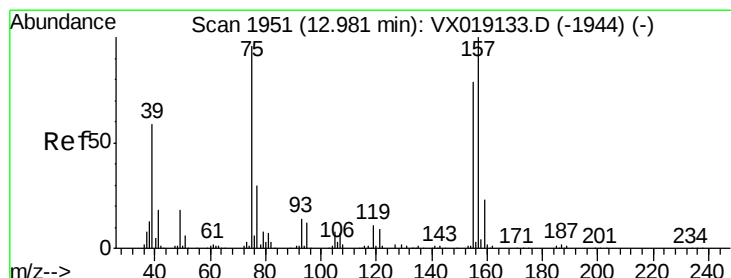
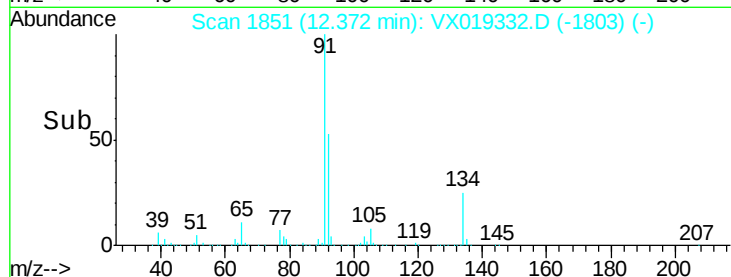
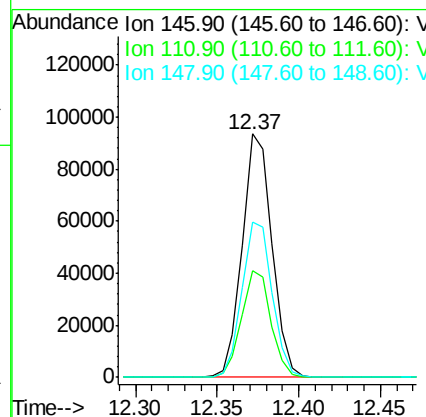
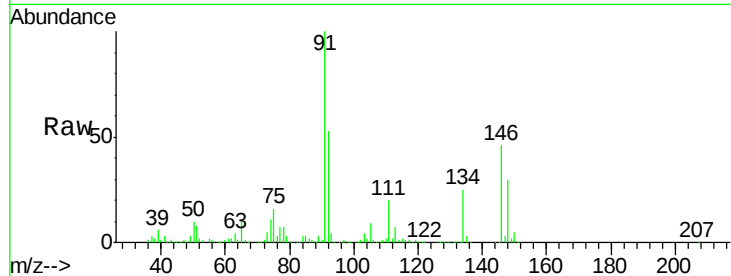
#91
 1,2-Dichlorobenzene
 Concen: 18.113 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	119173		
111	43.4	21.2	63.6	
148	65.0	31.6	94.7	

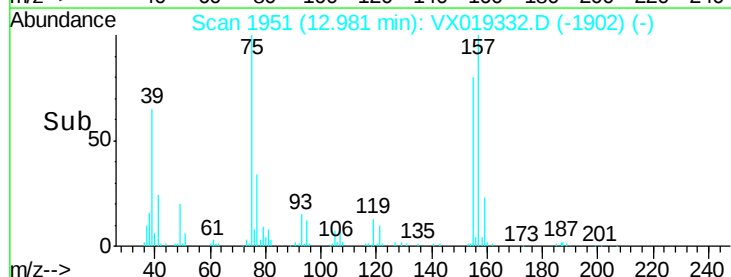
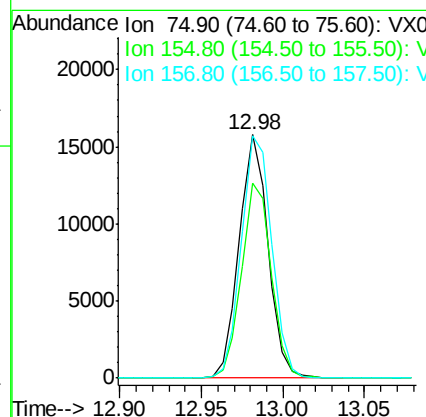
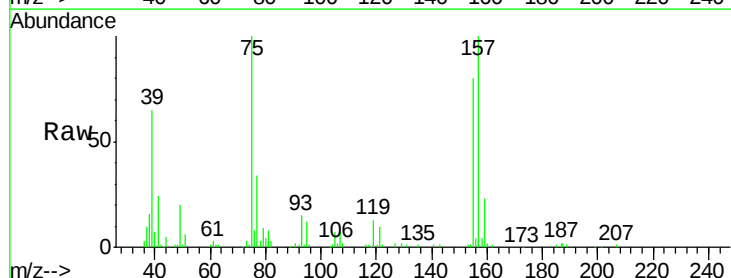
Manual Integrations
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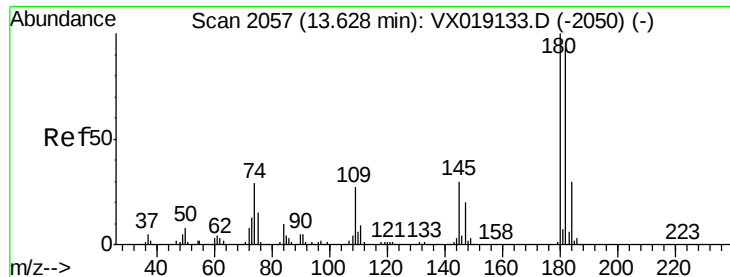
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.183 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19489		
155	82.4	42.8	128.4	
157	105.1	54.8	164.4	





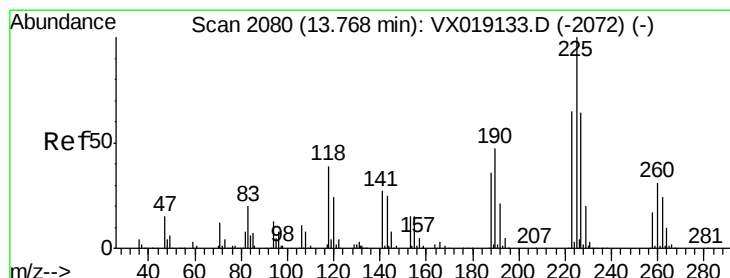
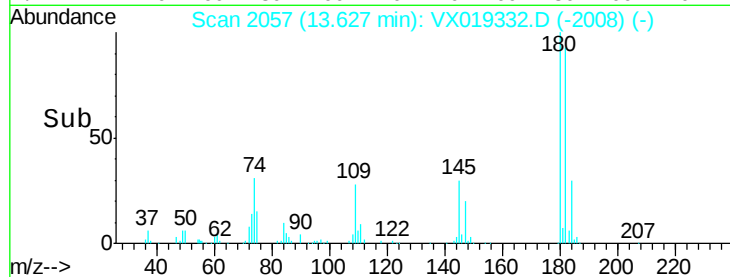
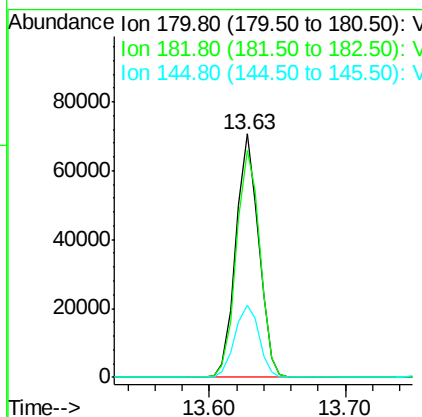
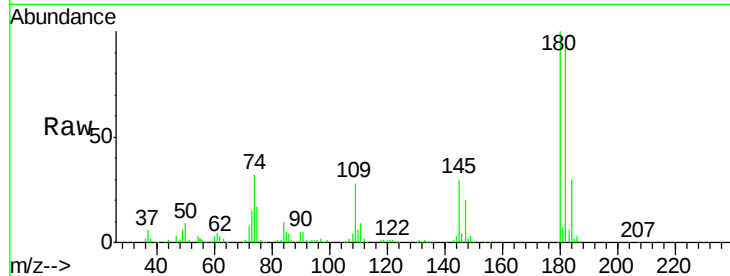
#93
 1,2,4-Trichlorobenzene
 Concen: 16.745 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	82755		
182	95.7	46.8	140.3	
145	31.6	15.5	46.5	

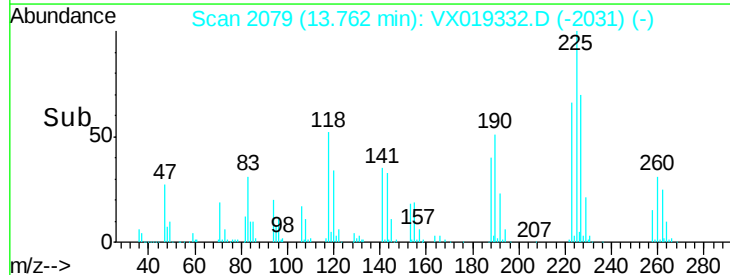
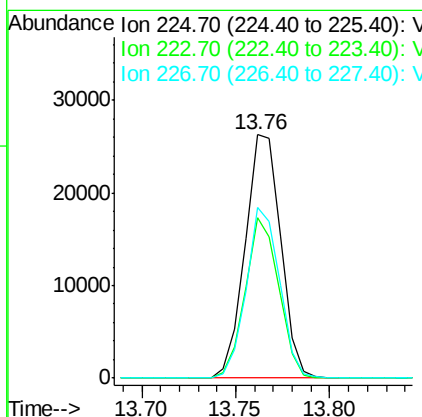
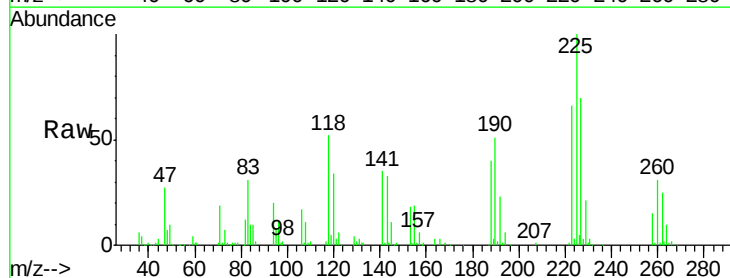
Manual Integrations
 APPROVED

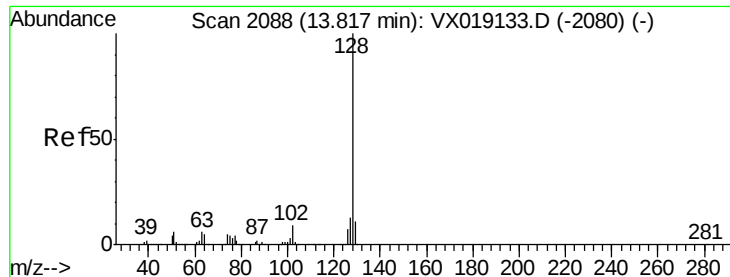
MMDadoda
 11/9/2020 9:37:20 AM



#94
 Hexachlorobutadiene
 Concen: 15.820 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34416		
223	62.3	32.4	97.2	
227	65.8	31.6	94.7	





#95

Naphthalene

Concen: 17.440 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

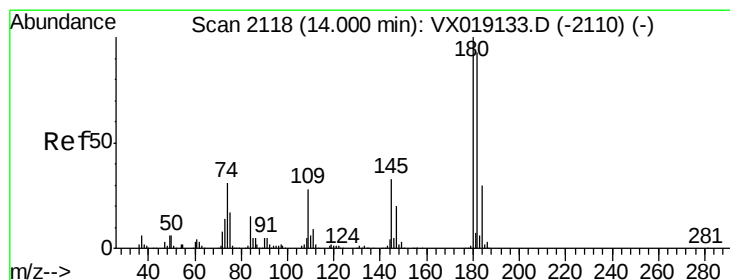
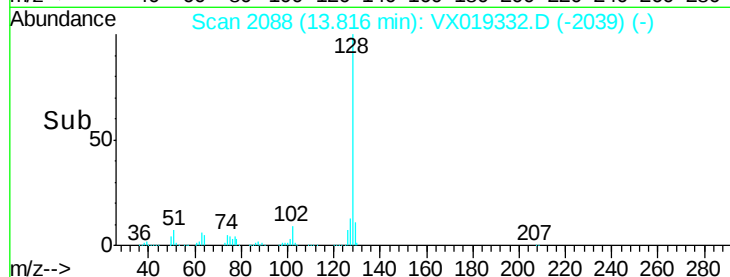
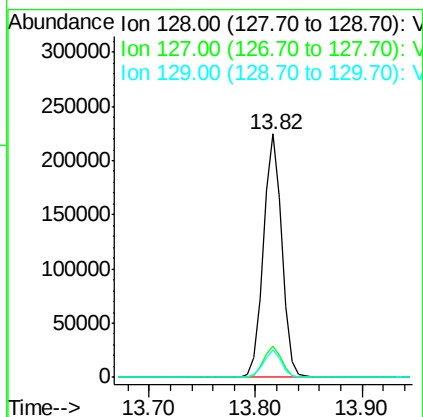
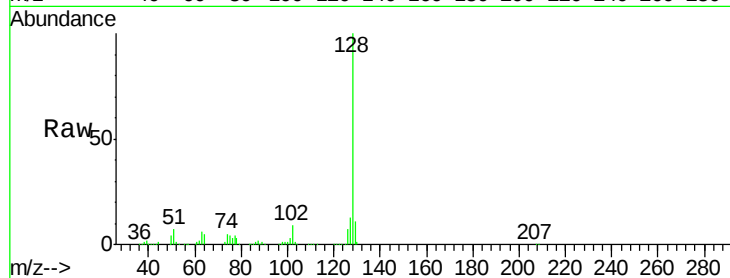
ClientSampleId :

VX1107WBSD01

Tot Ion:	128	Resp:	271455
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/9/2020 9:37:20 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.824 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	180	Resp:	80661
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.8	143.3
145	35.1	16.5	49.5

