

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016827.D
 Acq On : 17 Jun 2020 19:13
 Operator : JC/SP
 Sample : VX0617WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS04

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:17:25 AM

Quant Time: Jun 18 01:46:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	260961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	475488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	144791	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.46	113	121282	41.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.68%	
50) Toluene-d8	8.70	98	459852	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	
62) 4-Bromofluorobenzene	11.12	95	170391	41.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	64720	22.034	ug/l	100
3) Chloromethane	1.31	50	55884	19.617	ug/l	99
4) Vinyl Chloride	1.39	62	73387	24.143	ug/l	100
5) Bromomethane	1.63	94	44750	23.705	ug/l	99
6) Chloroethane	1.72	64	44794	23.923	ug/l	99
7) Trichlorofluoromethane	1.92	101	102627	23.442	ug/l	99
8) Diethyl Ether	2.17	74	39637	22.171	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53725	24.121	ug/l	98
10) Methyl Iodide	2.49	142	38586	13.860	ug/l	97
11) Tert butyl alcohol	3.01	59	69716	94.542	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57812	22.666	ug/l	99
13) Acrolein	2.27	56	25486	82.728	ug/l	93
14) Allyl chloride	2.71	41	77839	19.513	ug/l	98
15) Acrylonitrile	3.11	53	148448	99.208	ug/l	100
16) Acetone	2.42	43	153096	114.982	ug/l	98
17) Carbon Disulfide	2.55	76	132273	18.108	ug/l	99
18) Methyl Acetate	2.75	43	74008	20.824	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	169349	19.481	ug/l	97
20) Methylene Chloride	2.84	84	55362	19.304	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	53612	19.560	ug/l	98
22) Diisopropyl ether	3.82	45	152831	20.396	ug/l	98
23) Vinyl Acetate	3.78	43	643042	99.290	ug/l	98
24) 1,1-Dichloroethane	3.67	63	92006	19.632	ug/l	99
25) 2-Butanone	4.64	43	203344	101.334	ug/l	96
26) 2,2-Dichloropropane	4.55	77	83539	19.251	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	60922	19.447	ug/l	98
28) Bromochloromethane	4.98	49	37999	19.007	ug/l	98
29) Tetrahydrofuran	5.09	42	130921	100.713	ug/l	99
30) Chloroform	5.18	83	96193	19.401	ug/l	97
31) Cyclohexane	5.55	56	76288	20.629	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	91373	20.309	ug/l	99
36) 1,1-Dichloropropene	5.77	75	71293	16.966	ug/l	100
37) Ethyl Acetate	4.79	43	77842	16.916	ug/l	99
38) Carbon Tetrachloride	5.76	117	79789	16.720	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0617WBS04

Manual Integrations
 APPROVED

MMDadoda
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Quant Time: Jun 18 01:46:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	87734	18.615	ug/l	99
40) Benzene	6.12	78	215558	16.849	ug/l	100
41) Methacrylonitrile	5.00	41	41439	16.889	ug/l	99
42) 1,2-Dichloroethane	6.16	62	75377	16.142	ug/l	98
43) Isopropyl Acetate	6.42	43	140858	19.531	ug/l	99
44) Trichloroethene	7.19	130	80597	20.366	ug/l	94
45) 1,2-Dichloropropane	7.49	63	60184	19.190	ug/l	98
46) Dibromomethane	7.64	93	39726	17.379	ug/l	99
47) Bromodichloromethane	7.88	83	77735	16.312	ug/l	99
48) Methyl methacrylate	7.74	41	57438	16.803	ug/l	98
49) 1,4-Dioxane	7.71	88	26389	311.953	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	386630	86.997	ug/l	100
52) Toluene	8.76	92	138792	16.701	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	86559	16.082	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	91366	16.273	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	56188	16.813	ug/l	95
56) Ethyl methacrylate	9.16	69	85274	17.042	ug/l	99
57) 1,3-Dichloropropane	9.35	76	93469	16.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	202041	82.120	ug/l	100
59) 2-Hexanone	9.48	43	295837	86.231	ug/l	100
60) Dibromochloromethane	9.57	129	68221	17.272	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59883	16.441	ug/l	99
64) Tetrachloroethene	9.32	164	78580	22.328	ug/l	98
65) Chlorobenzene	10.12	112	158655	21.334	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	58055	19.569	ug/l	97
67) Ethyl Benzene	10.24	91	289698	23.044	ug/l	99
68) m/p-Xylenes	10.34	106	229562	48.160	ug/l	99
69) o-Xylene	10.68	106	105058	22.878	ug/l	99
70) Styrene	10.70	104	181547	22.869	ug/l	99
71) Bromoform	10.84	173	53918	21.301	ug/l	96
73) Isopropylbenzene	11.00	105	260392	21.013	ug/l	99
74) N-amyl acetate	10.88	43	106742	22.163	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	68737	18.857	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	79388m	19.989	ug/l	
77) Bromobenzene	11.24	156	68160	19.480	ug/l	100
78) n-propylbenzene	11.34	91	275431	20.467	ug/l	100
79) 2-Chlorotoluene	11.40	91	168550	19.806	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	210549	20.268	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28844	18.283	ug/l	97
82) 4-Chlorotoluene	11.49	91	199101	19.988	ug/l	100
83) tert-Butylbenzene	11.76	119	188701	19.852	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	214611	20.423	ug/l	99
85) sec-Butylbenzene	11.93	105	225075	20.243	ug/l	99
86) p-Isopropyltoluene	12.05	119	217610	20.398	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	119505	20.203	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120251	19.603	ug/l	99
89) n-Butylbenzene	12.37	91	175135	19.887	ug/l	99
90) Hexachloroethane	12.58	117	36858	18.736	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	119049	20.125	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19622	19.249	ug/l	98

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Sample : VX0617WBS04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

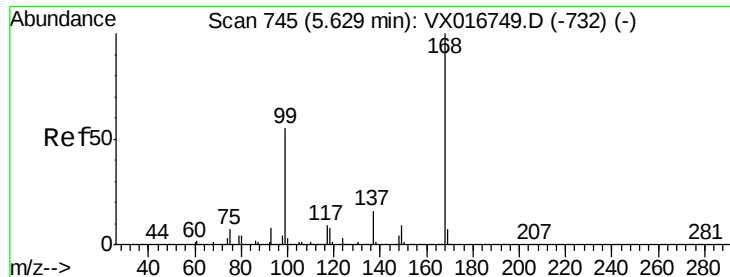
Manual Integrations
APPROVED

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6/18/2020 11:17:25 AM

Quant Time: Jun 18 01:46:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78617	18.978	ug/l	99
94) Hexachlorobutadiene	13.77	225	34792	19.342	ug/l	99
95) Naphthalene	13.82	128	257064	19.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	76731	18.819	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

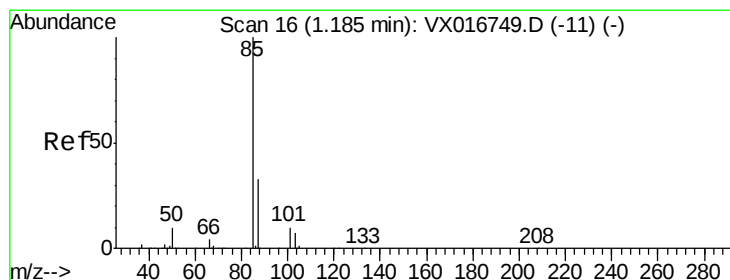
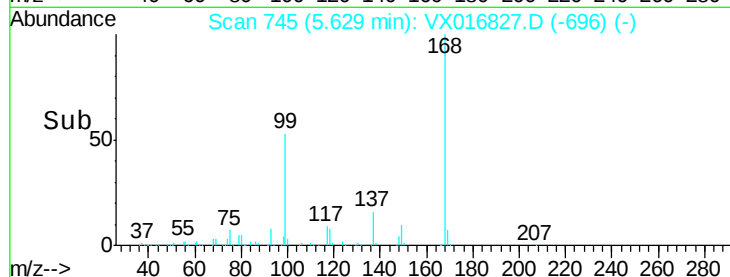
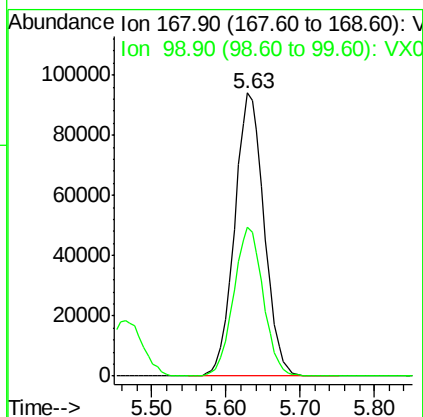
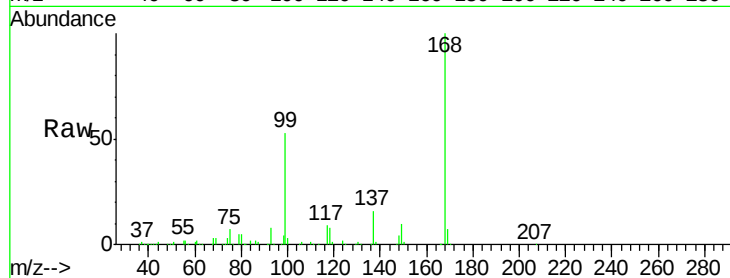
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Resp	Lower	Upper
168	100	260961		
99	52.8	43.8	65.6	

Manual Integrations
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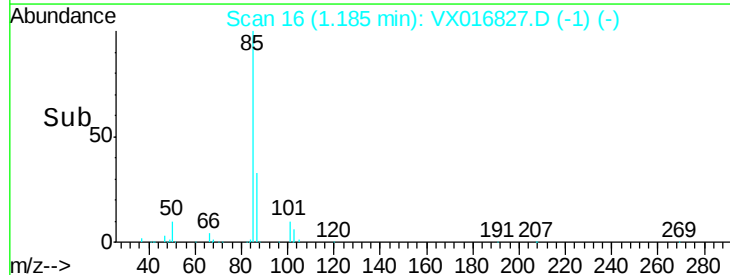
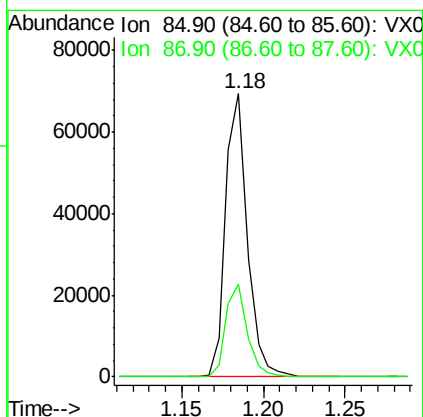
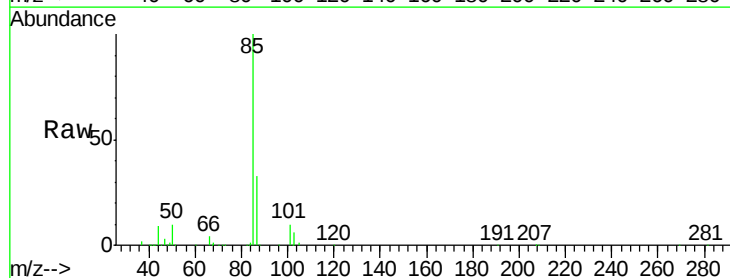
MMDadoda
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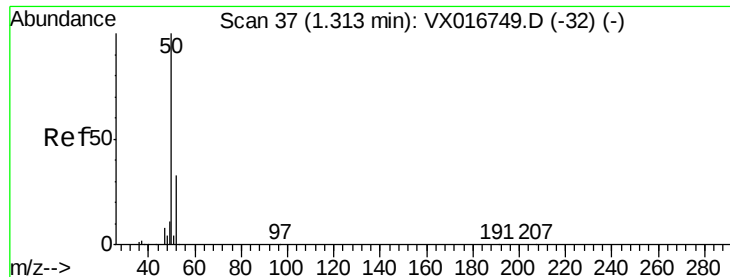


#2

Dichlorodifluoromethane
Concen: 22.034 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	64720		
87	32.6	16.4	49.2	





#3

Chloromethane

Concen: 19.617 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion: 50 Resp: 55884

Ion Ratio Lower Upper

50 100

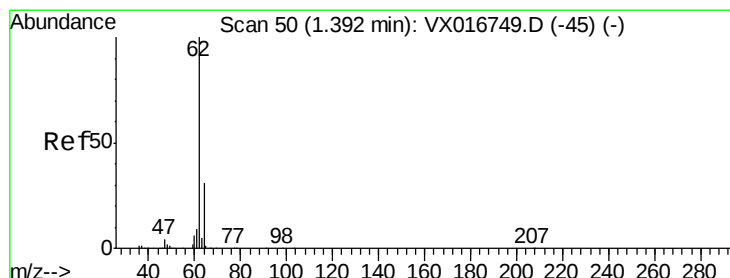
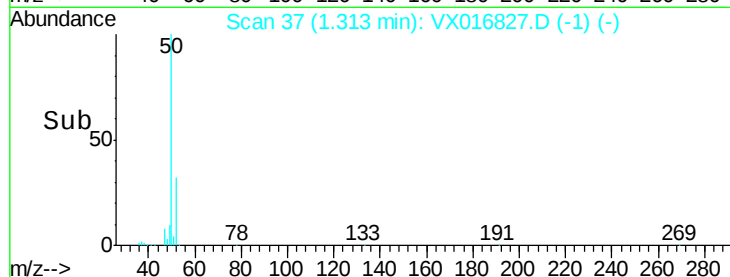
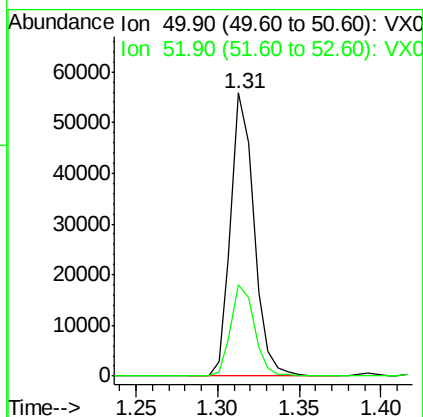
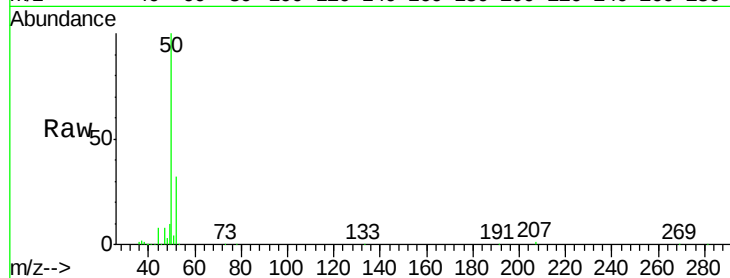
52 32.5 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 24.143 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016827.D

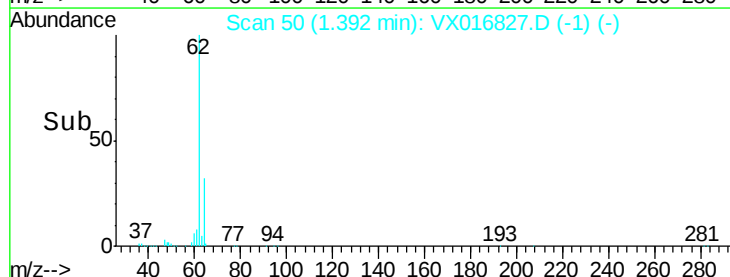
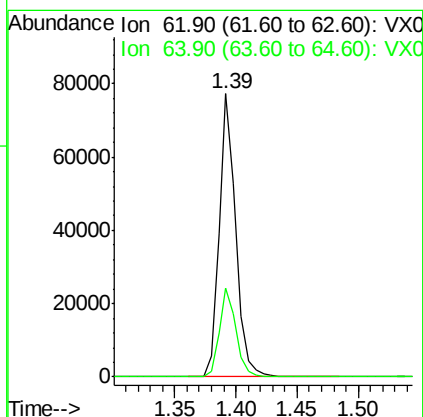
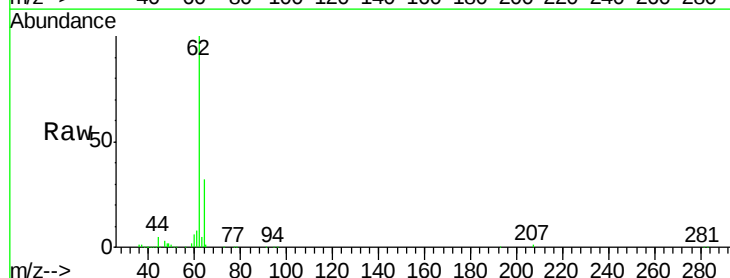
Acq: 17 Jun 2020 19:13

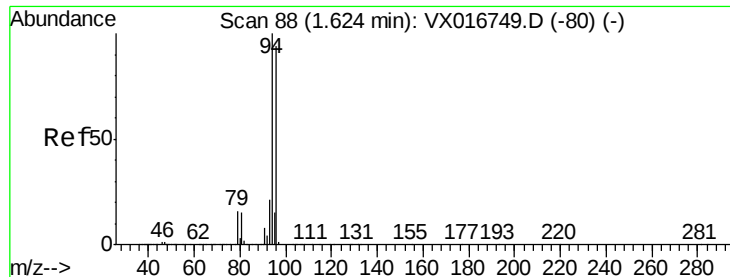
Tgt Ion: 62 Resp: 73387

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 23.705 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion: 94 Resp: 44750

Ion Ratio Lower Upper

94 100

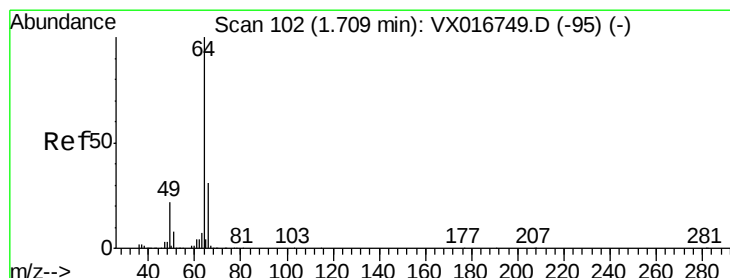
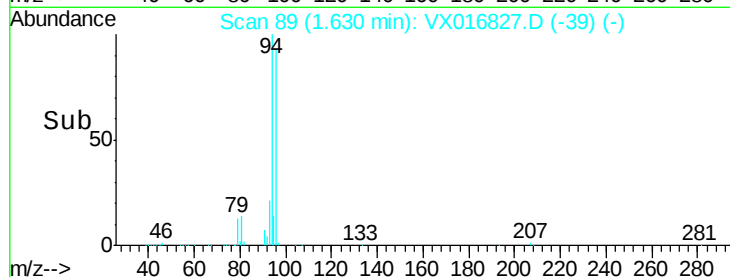
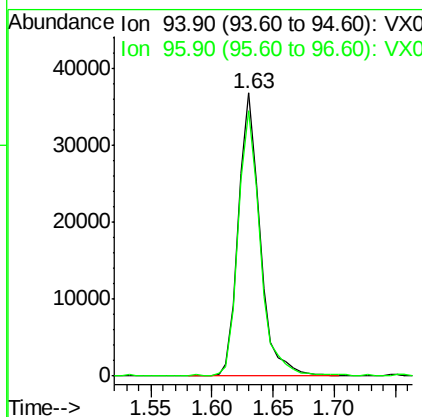
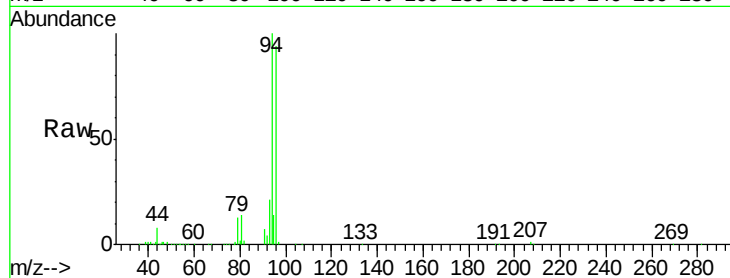
96 93.3 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 23.923 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016827.D

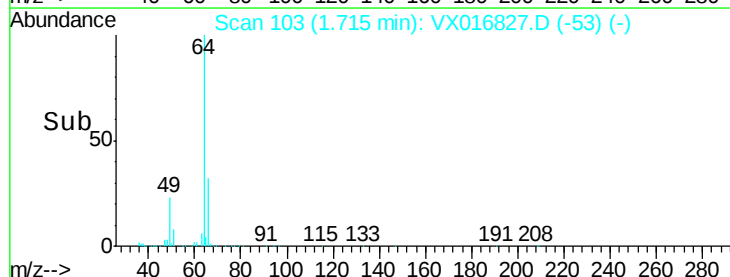
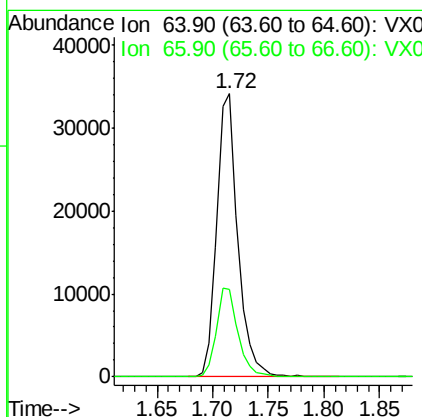
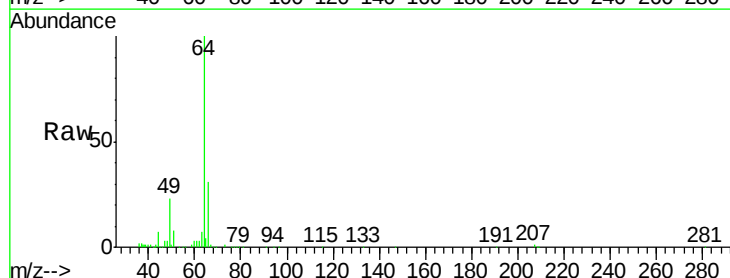
Acq: 17 Jun 2020 19:13

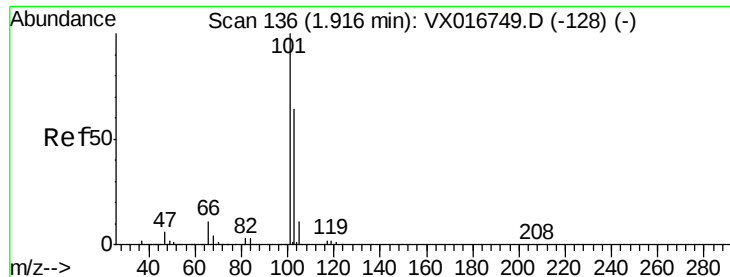
Tgt Ion: 64 Resp: 44794

Ion Ratio Lower Upper

64 100

66 30.9 25.0 37.6





#7

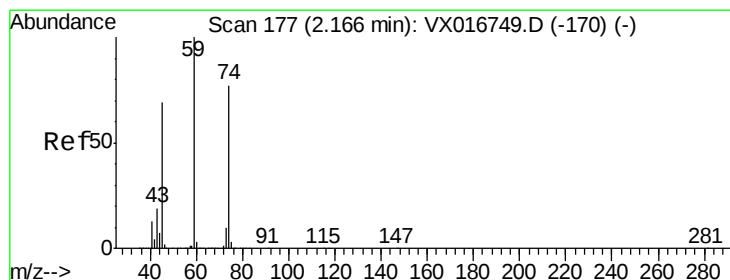
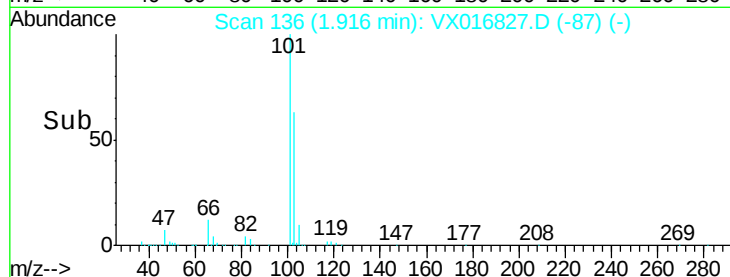
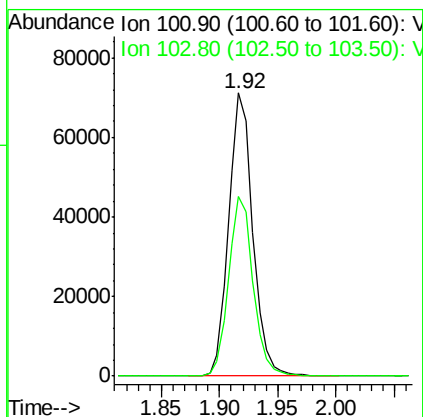
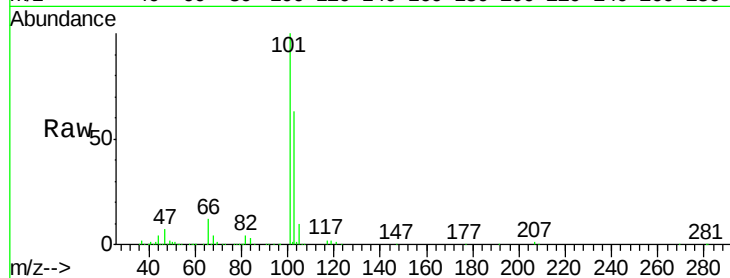
Trichlorofluoromethane
Concen: 23.442 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.3	76.9

Manual Integrations
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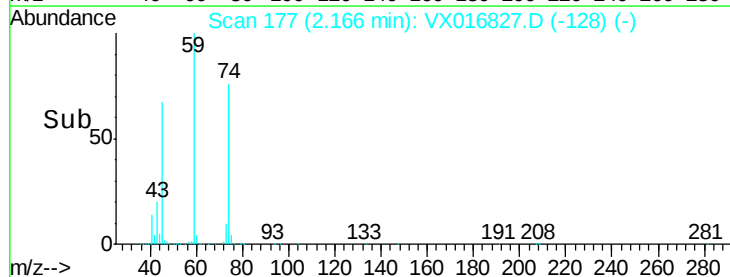
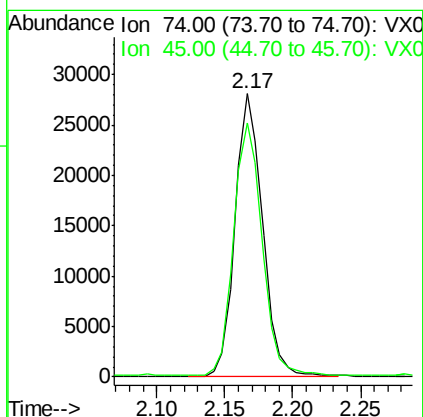
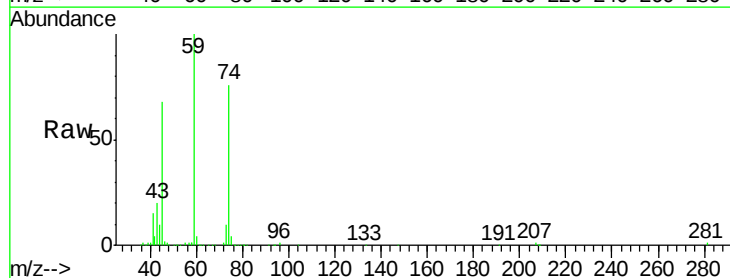
MMDadoda
6/18/2020 11:17:25 AM

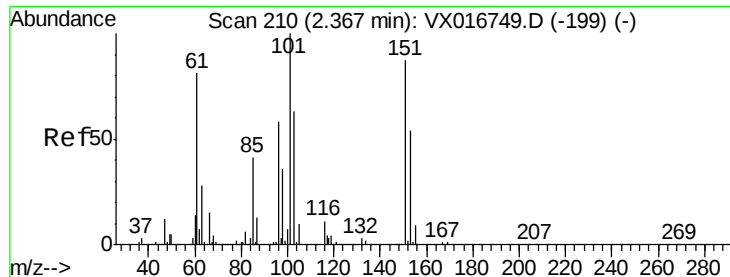


#8

Diethyl Ether
Concen: 22.171 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.121 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

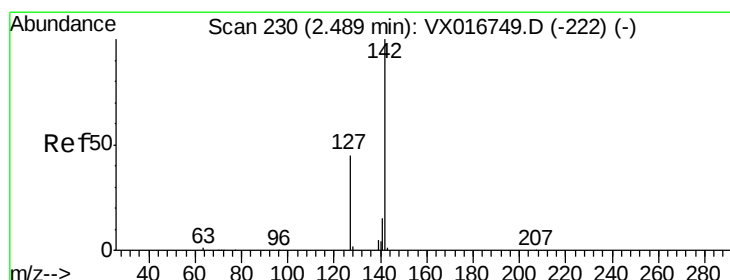
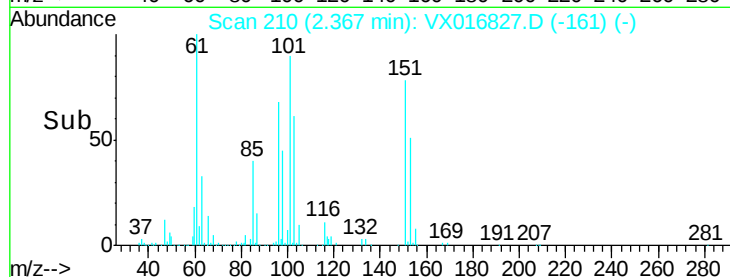
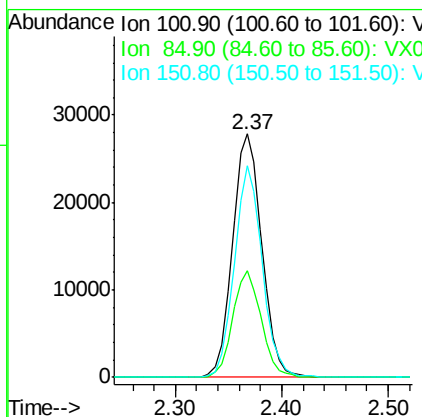
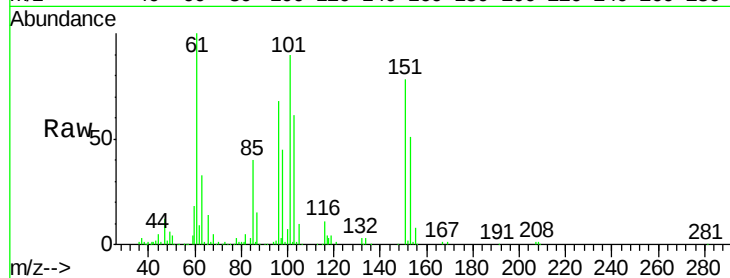
ClientSampleId :

VX0617WBS04

Tot Ion:	101	Resp:	53725
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.0	51.0
151	82.9	68.7	103.1

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#10

Methyl Iodide

Concen: 13.860 ug/l

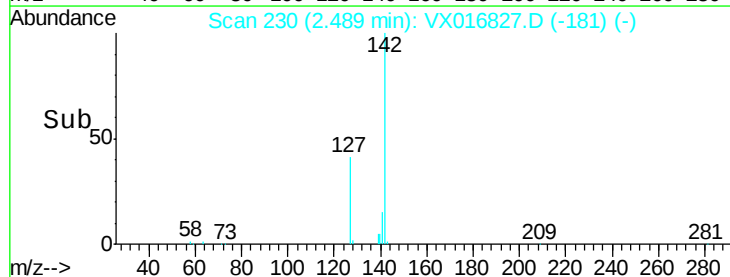
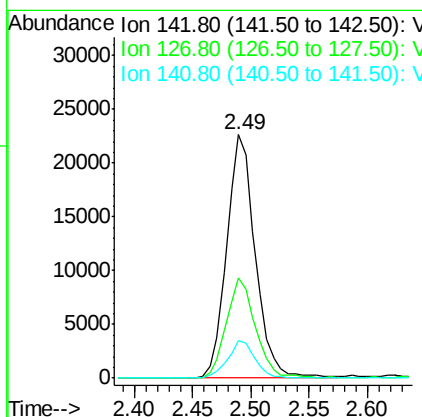
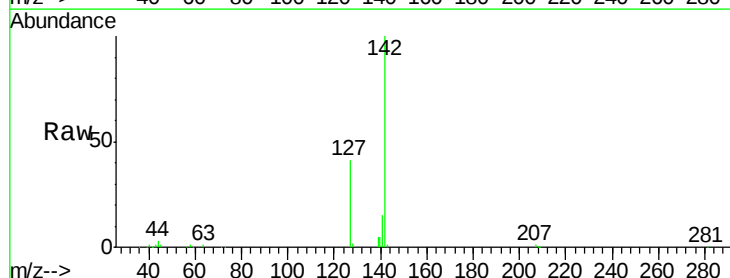
RT: 2.49 min Scan# 230

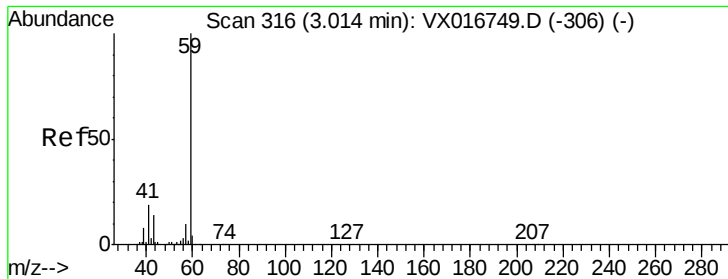
Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Tgt Ion:	142	Resp:	38586
Ion Ratio	Lower	Upper	
142	100		
127	41.8	35.4	53.2
141	14.7	11.7	17.5





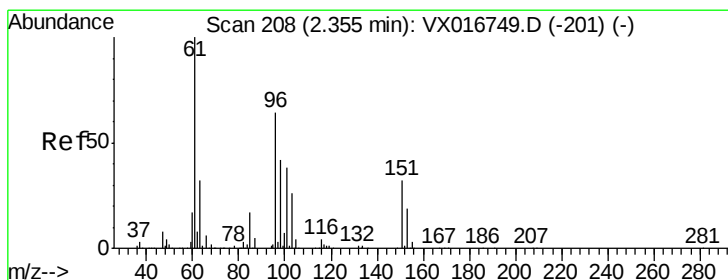
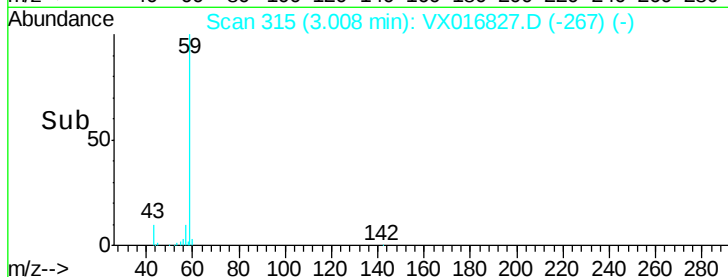
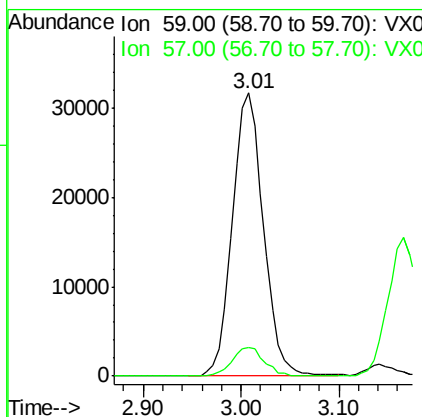
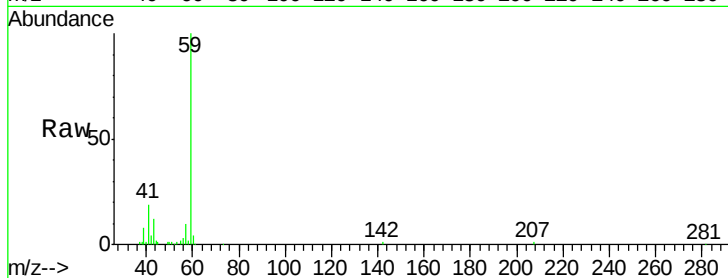
#11
Tert butyl alcohol
Concen: 94.542 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion: 59 Resp: 69716
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

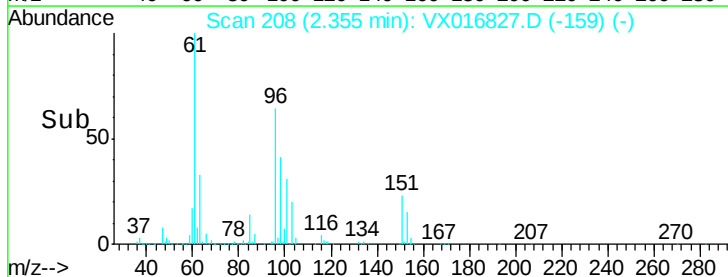
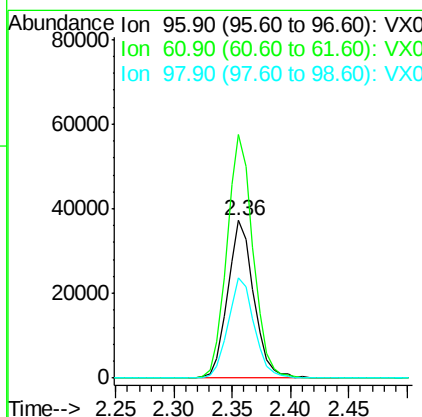
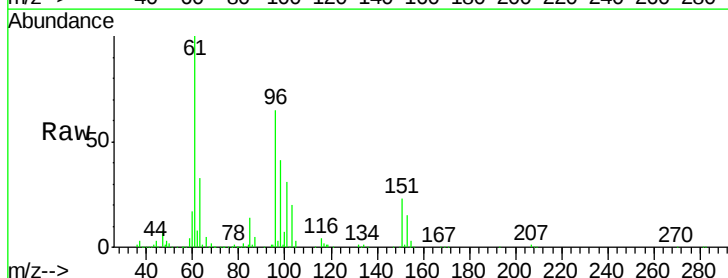
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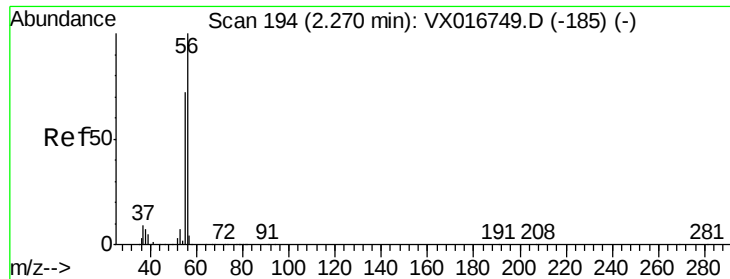
MMDadoda
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#12
1,1-Dichloroethene
Concen: 22.666 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion: 96 Resp: 57812
Ion Ratio Lower Upper
96 100
61 154.7 124.1 186.1
98 64.1 52.7 79.1





#13

Acrolein

Concen: 82.728 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion: 56 Resp: 25486

Ion Ratio Lower Upper

56 100

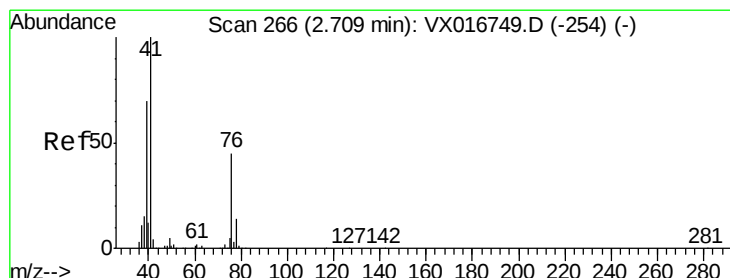
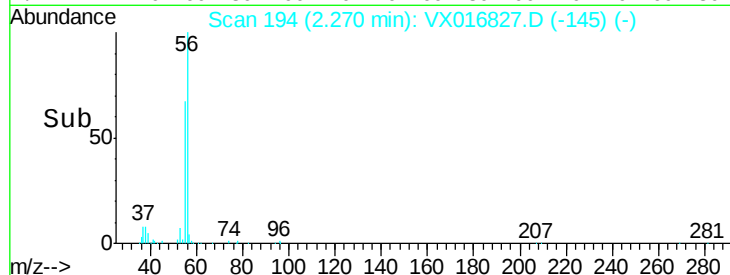
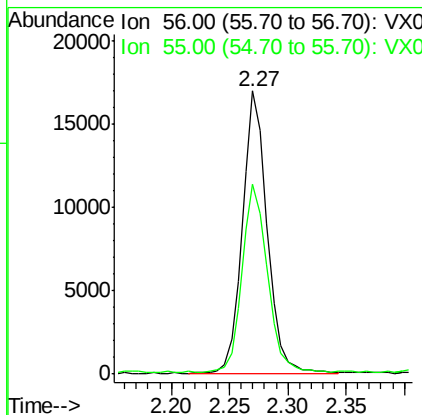
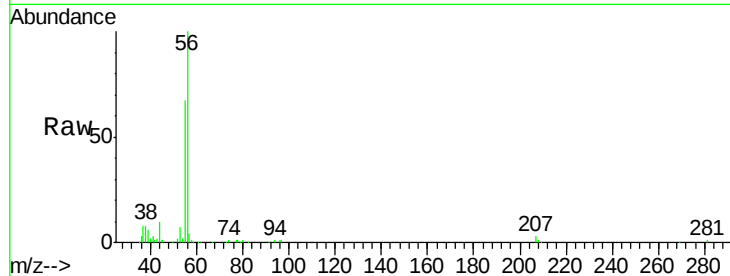
55 67.2 58.2 87.4

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#14

Allyl chloride

Concen: 19.513 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

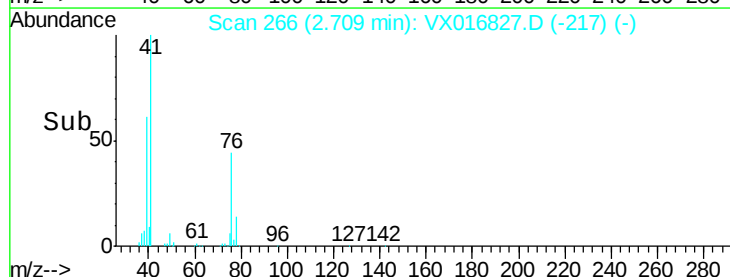
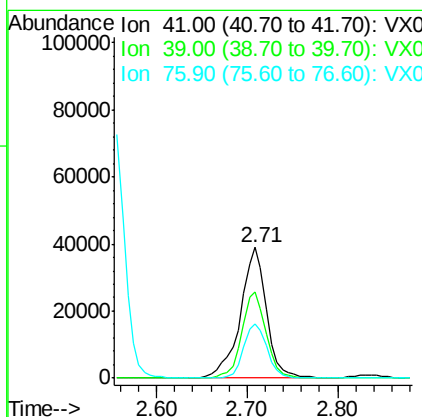
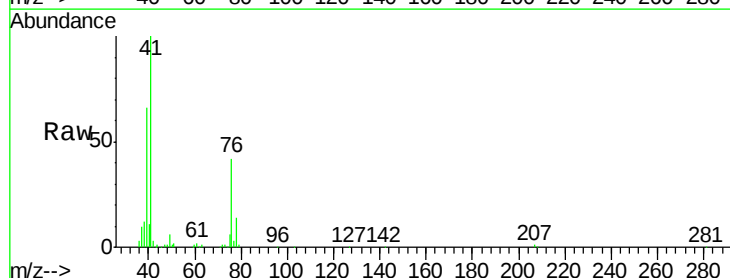
Tgt Ion: 41 Resp: 77839

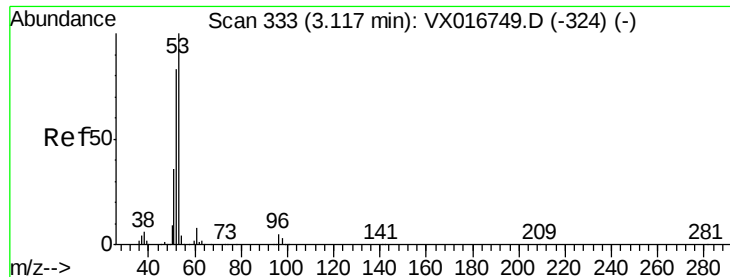
Ion Ratio Lower Upper

41 100

39 61.1 50.2 75.4

76 37.3 30.4 45.6





#15

Acrylonitrile

Concen: 99.208 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

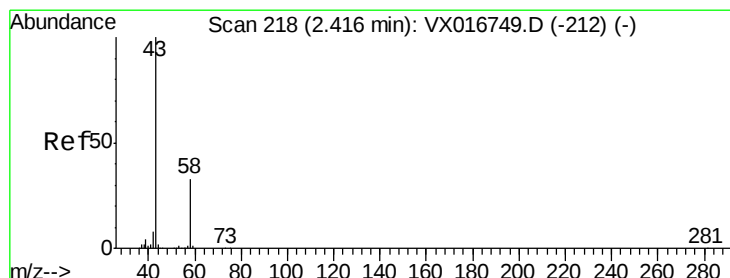
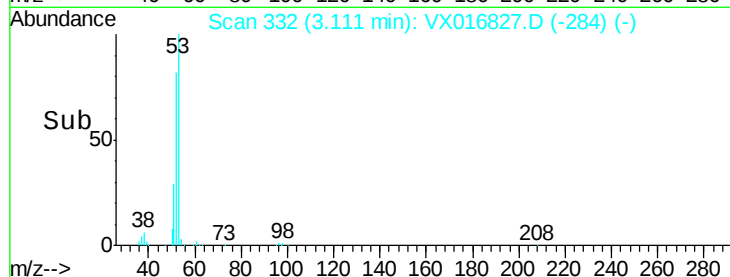
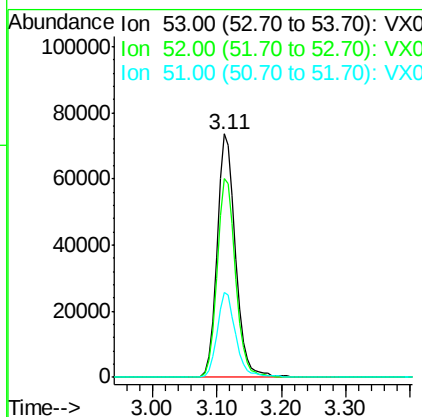
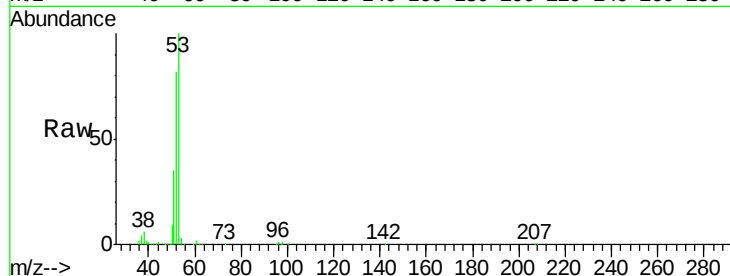
ClientSampleId :

VX0617WBS04

Tot Ion:	53	Resp:	148448
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.5	98.3
51	35.6	28.6	42.8

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#16

Acetone

Concen: 114.982 ug/l

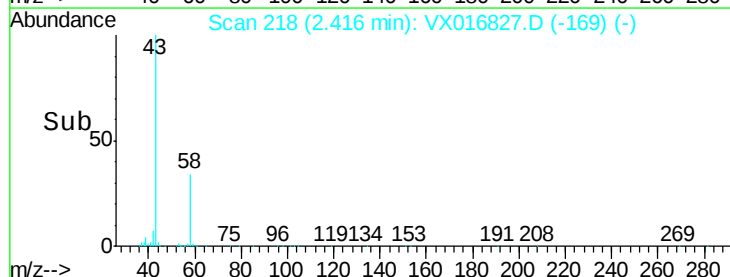
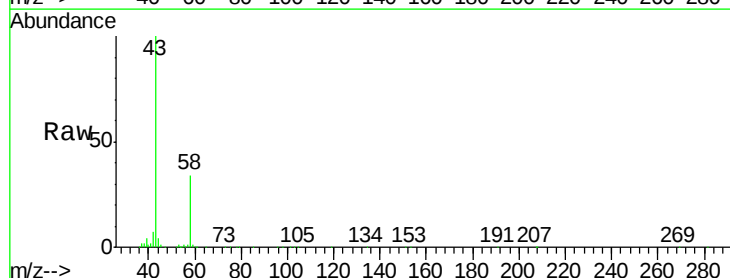
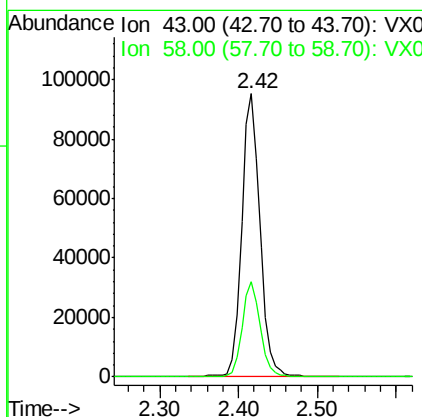
RT: 2.42 min Scan# 218

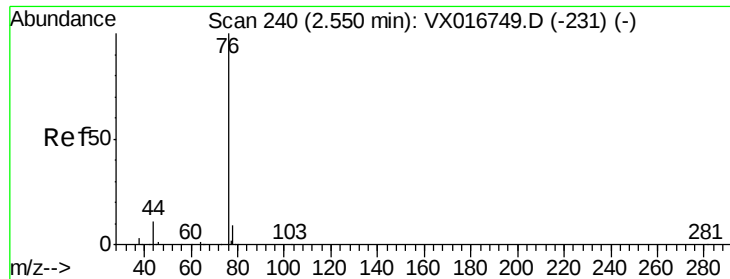
Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Tgt Ion:	43	Resp:	153096
Ion Ratio	Lower	Upper	
43	100		
58	33.8	26.3	39.5





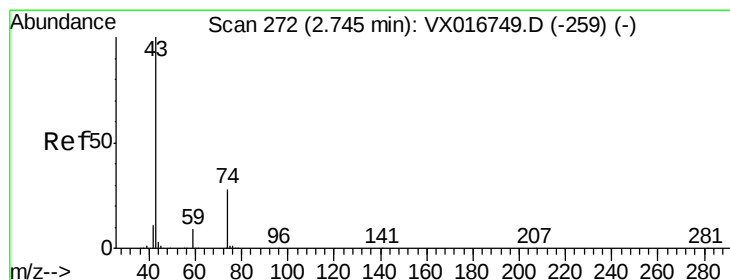
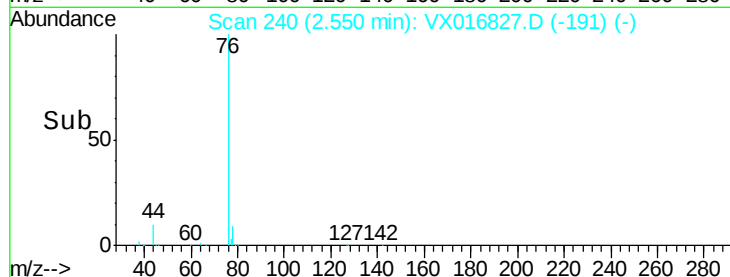
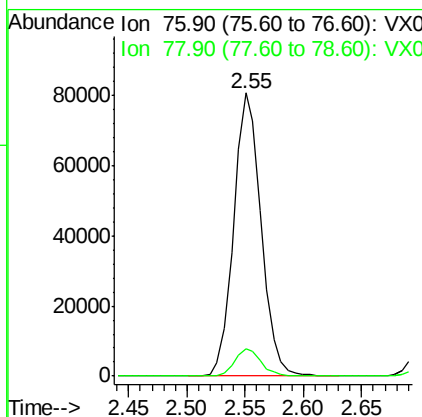
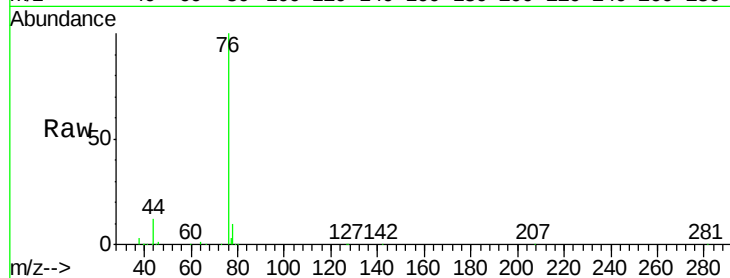
#17
Carbon Disulfide
Concen: 18.108 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

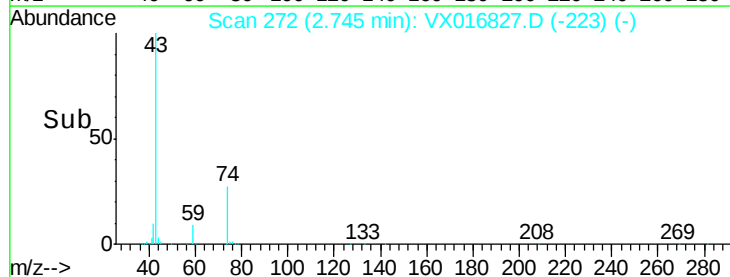
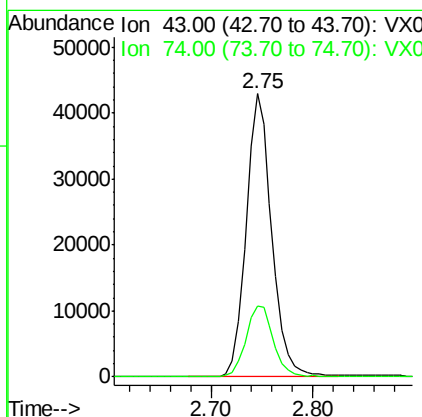
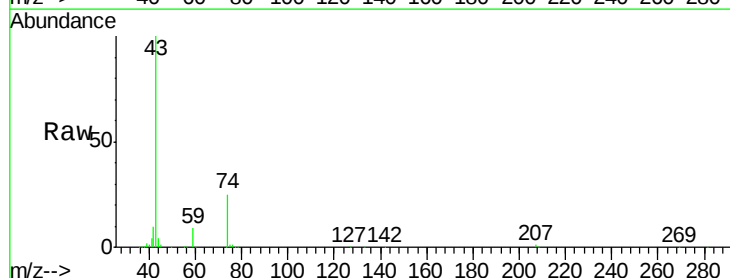
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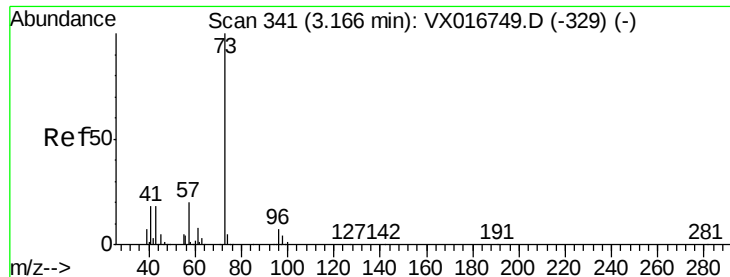
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#18
Methyl Acetate
Concen: 20.824 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	22.4	33.6





#19

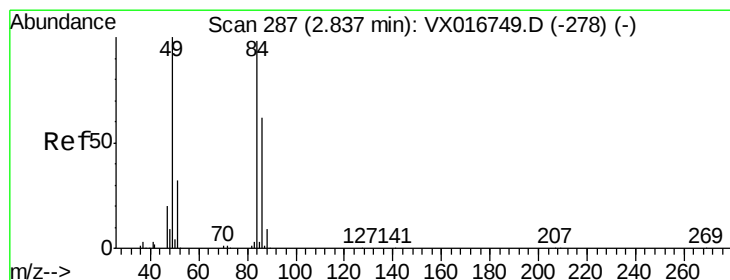
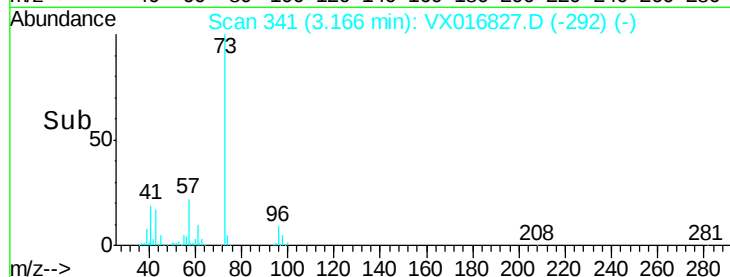
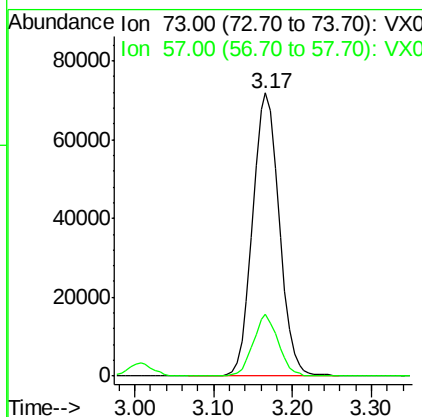
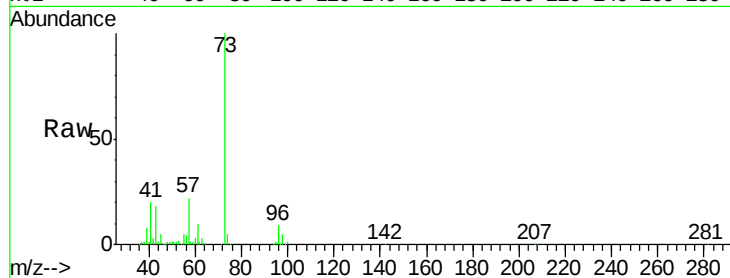
Methyl tert-butyl Ether
Concen: 19.481 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.2	24.4

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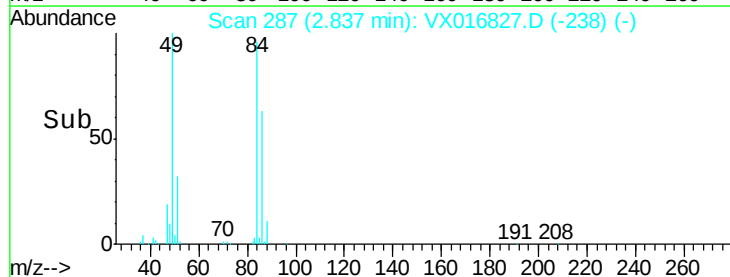
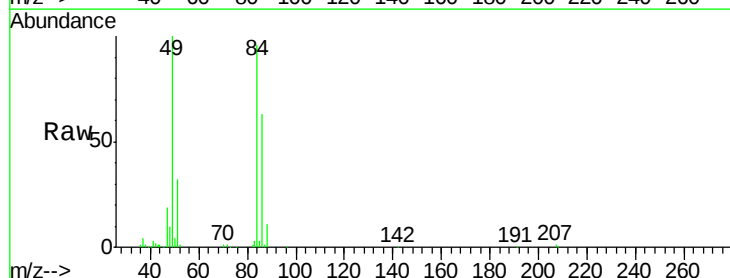
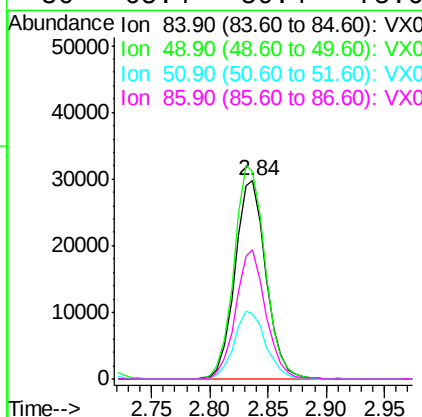
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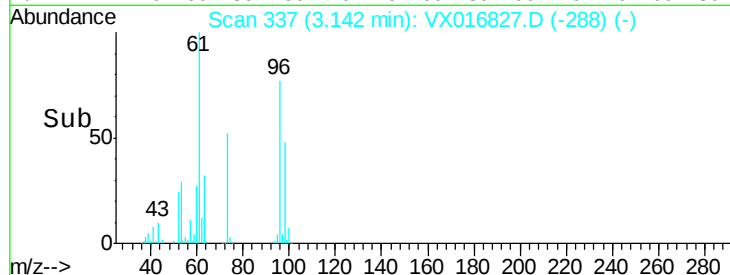
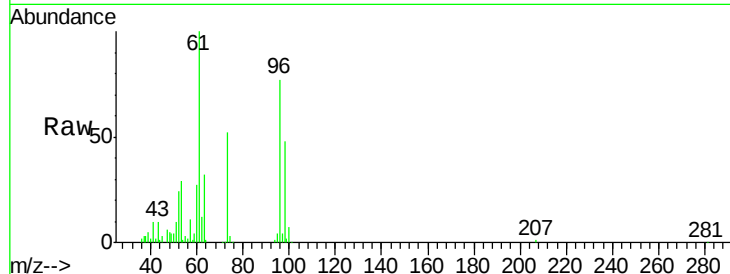
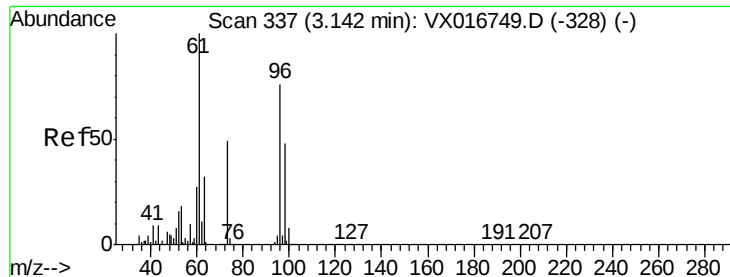


#20

Methylene Chloride
Concen: 19.304 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.3	81.8	122.8
51	33.1	25.8	38.8
86	65.4	50.4	75.6





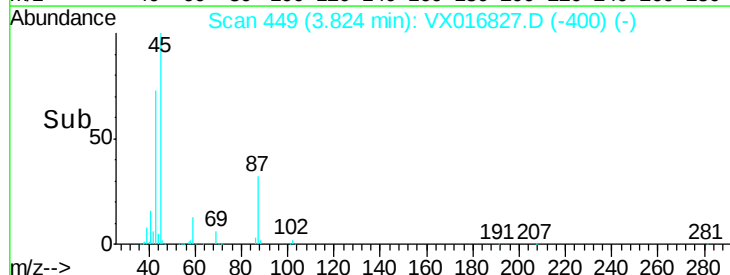
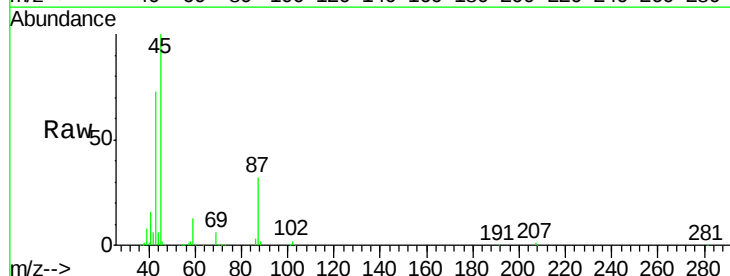
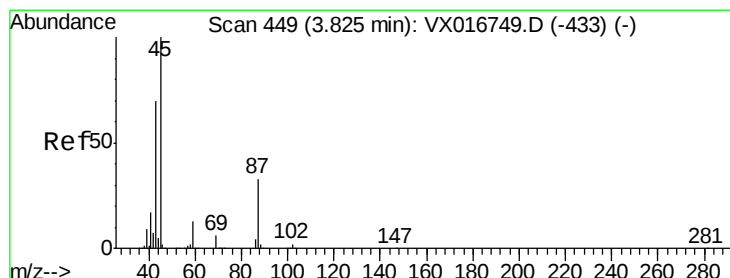
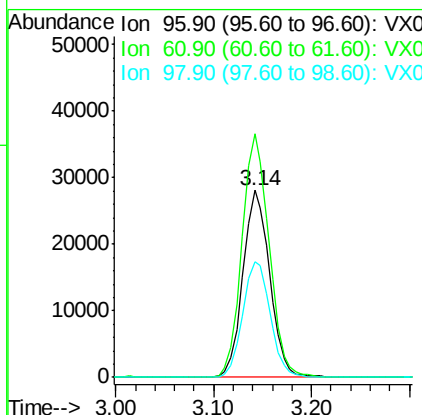
#21
trans-1,2-Dichloroethene
Concen: 19.560 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	105.4	158.2
98	62.1	50.8	76.2

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

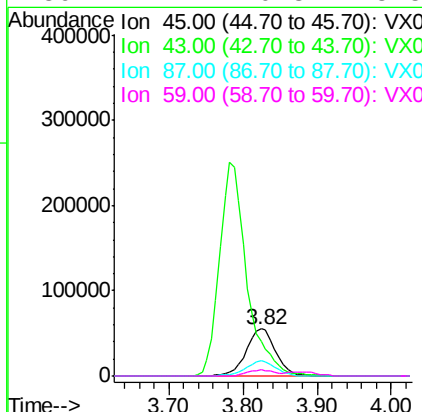
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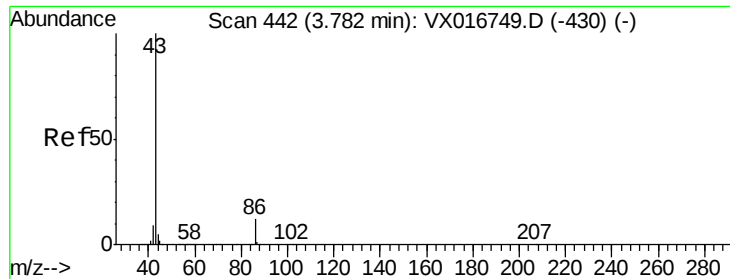
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#22
Diisopropyl ether
Concen: 20.396 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.3	56.2	84.4
87	32.5	26.2	39.4
59	12.7	10.3	15.5





#23

Vinyl Acetate

Concen: 99.290 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion: 43 Resp: 643042

Ion Ratio Lower Upper

43 100

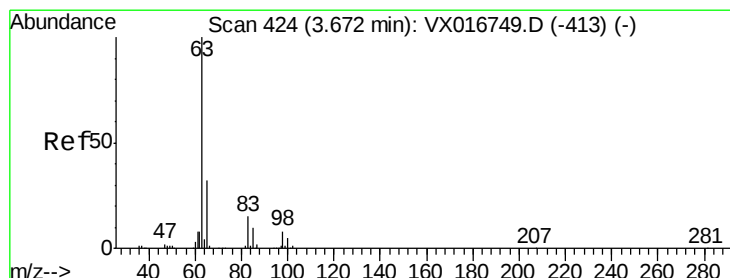
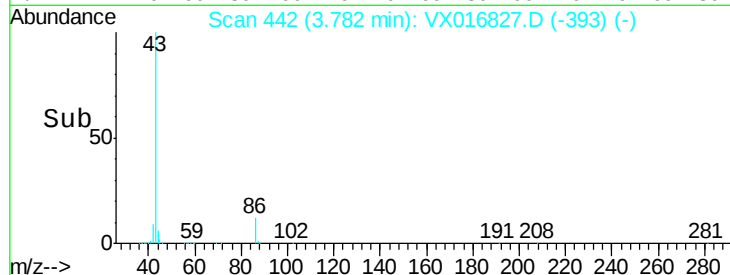
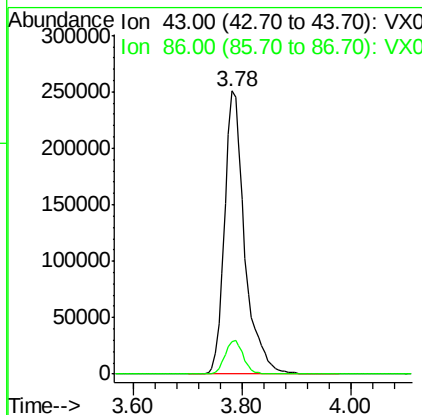
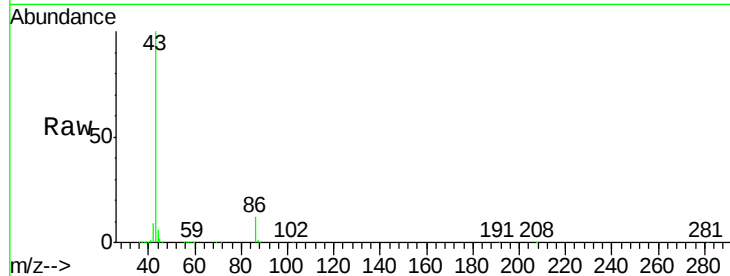
86 11.6 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 19.632 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

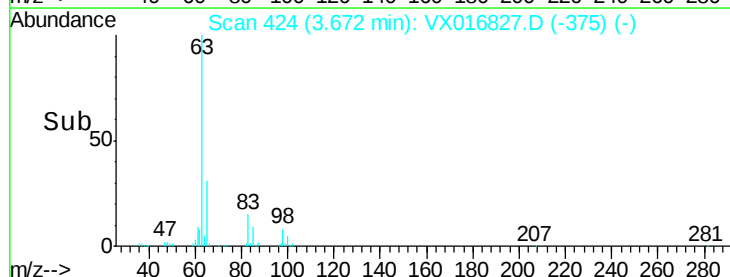
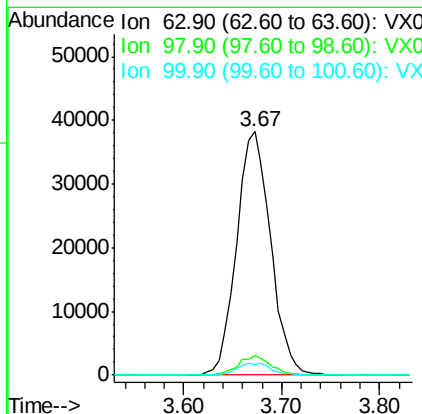
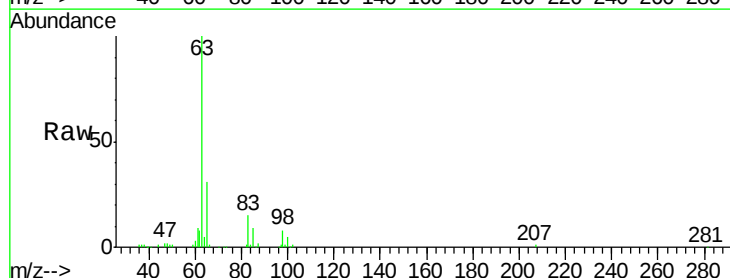
Tgt Ion: 63 Resp: 92006

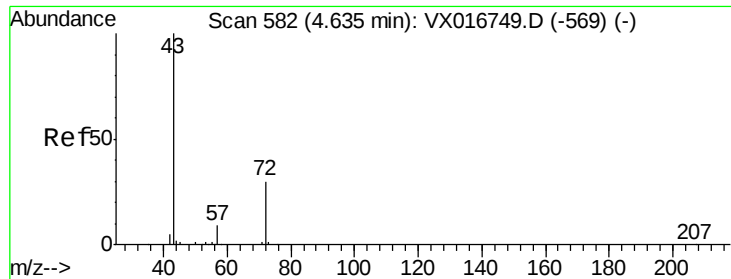
Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.4

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 101.334 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion: 43 Resp: 203344

Ion Ratio Lower Upper

43 100

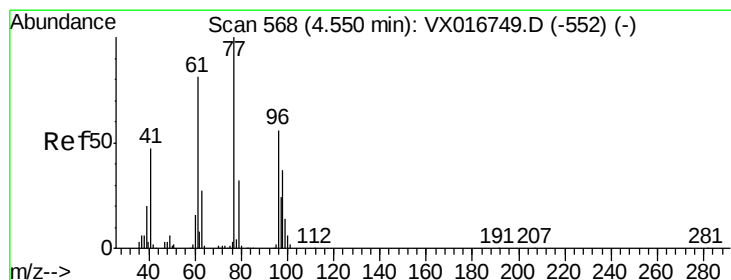
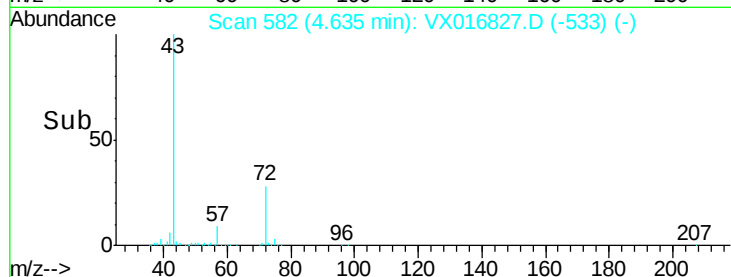
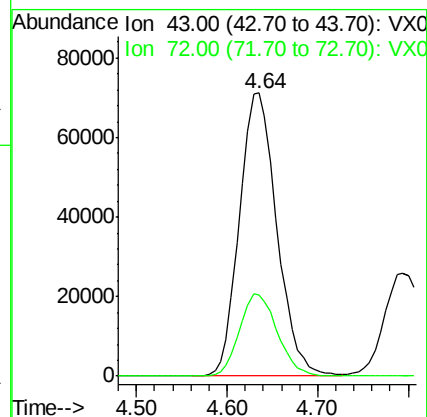
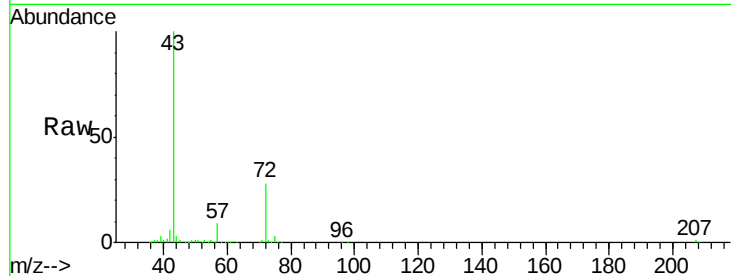
72 28.4 24.2 36.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.251 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016827.D

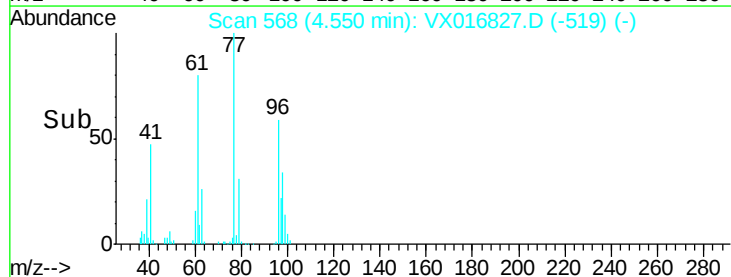
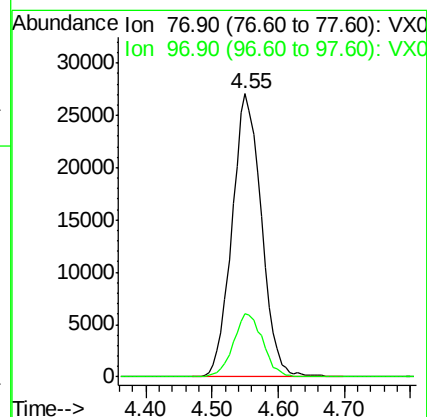
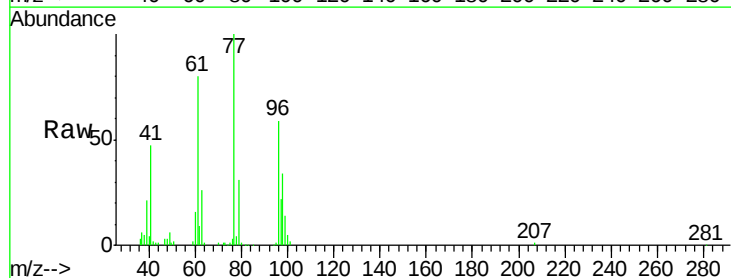
Acq: 17 Jun 2020 19:13

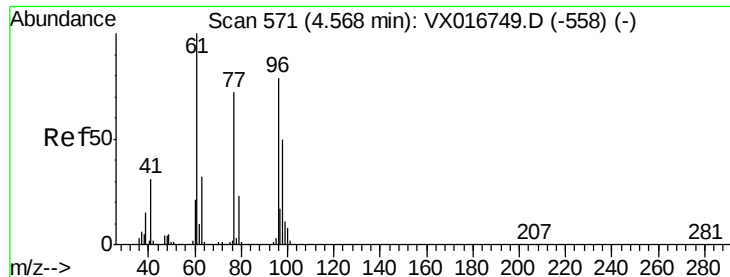
Tgt Ion: 77 Resp: 83539

Ion Ratio Lower Upper

77 100

97 22.1 11.5 34.4





#27

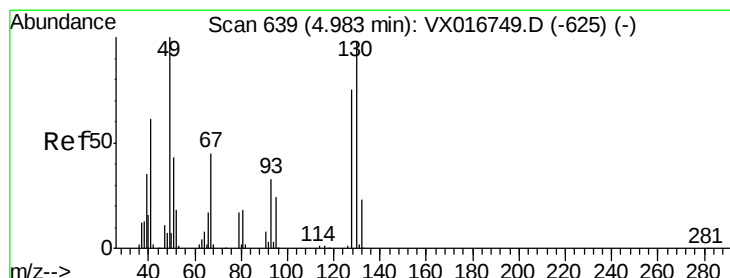
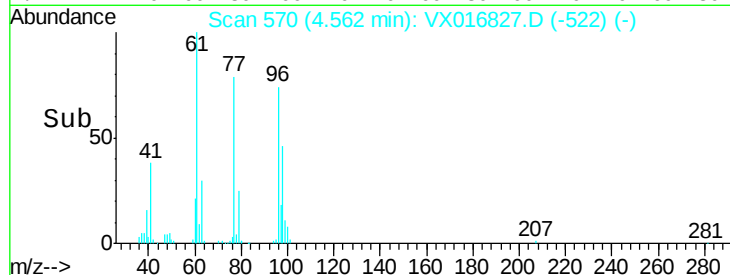
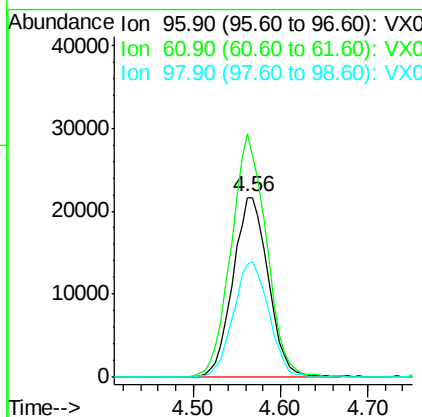
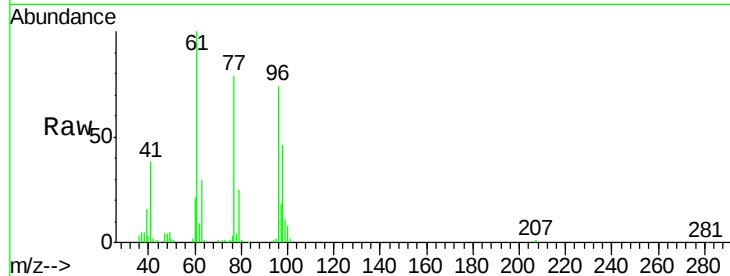
cis-1,2-Dichloroethene
Concen: 19.447 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60922		
61	134.4	0.0	276.2	
98	64.4	0.0	130.0	

Manual Integrations
APPROVED

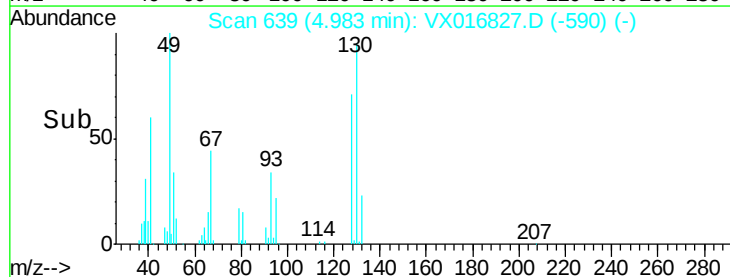
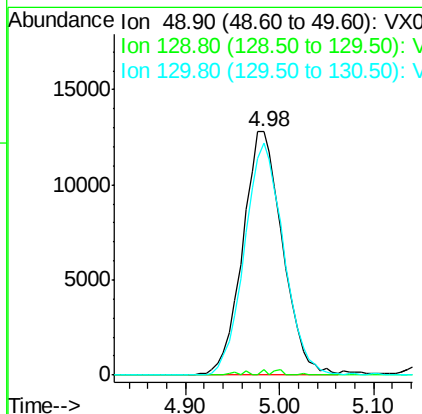
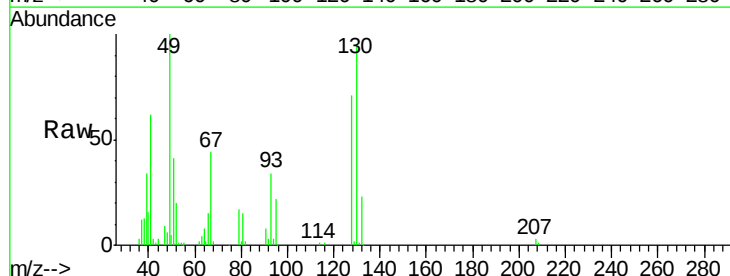
MMDadoda
6/18/2020 11:17:25 AM

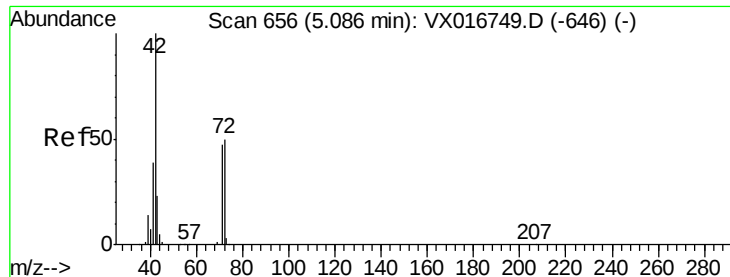


#28

Bromochloromethane
Concen: 19.007 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	37999		
129	0.3	0.0	2.8	
130	93.5	76.0	114.0	





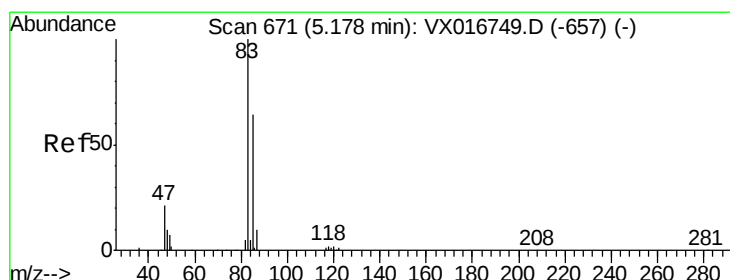
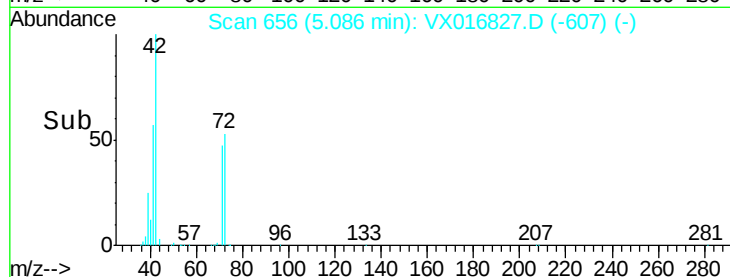
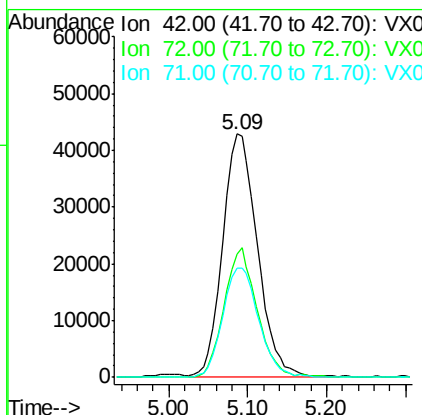
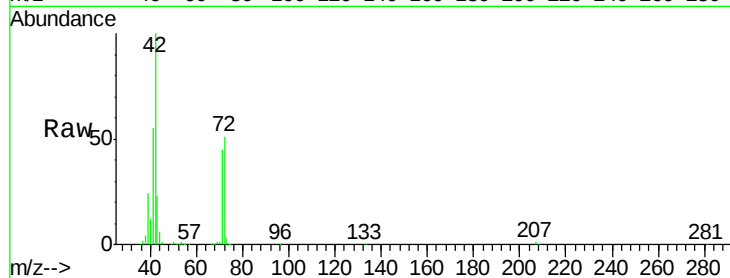
#29
Tetrahydrofuran
Concen: 100.713 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	41.0	61.6
71	46.8	38.2	57.4

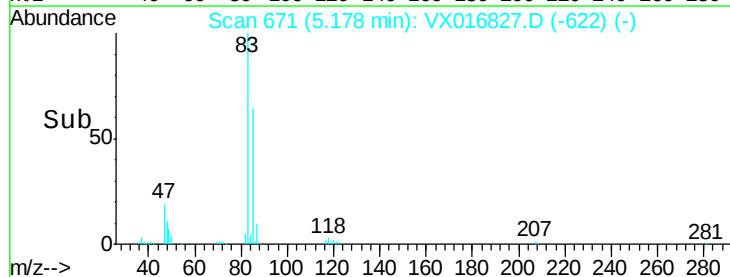
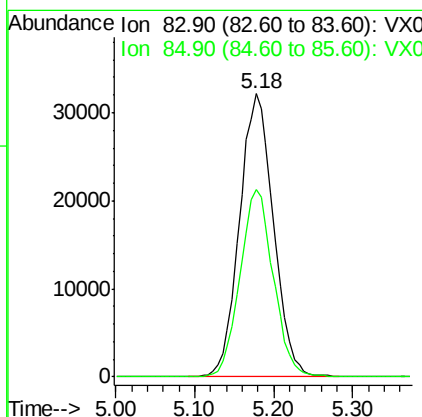
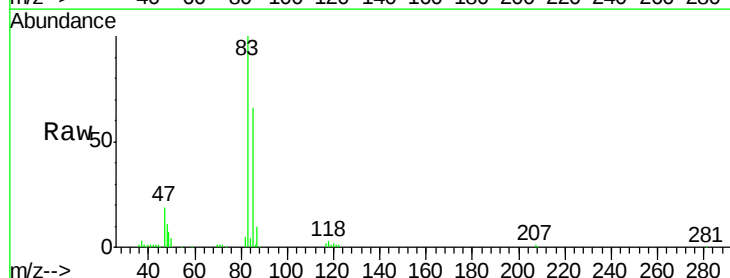
Manual Integrations
APPROVED

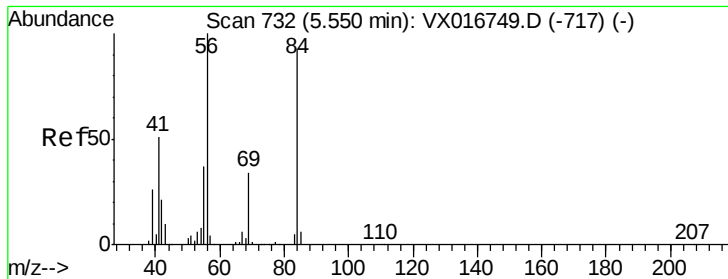
MMDadoda
6/18/2020 11:17:25 AM



#30
Chloroform
Concen: 19.401 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.8	76.2





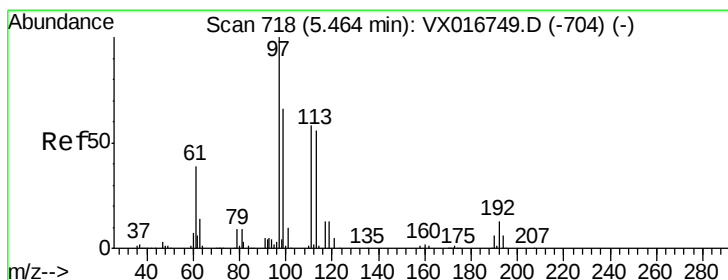
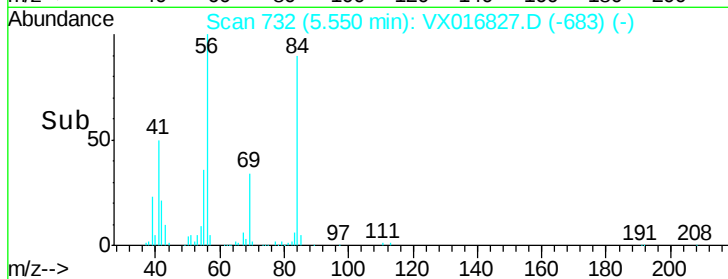
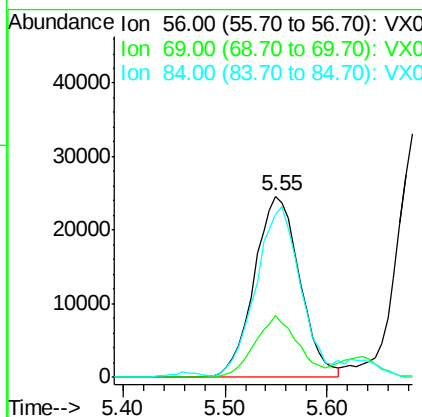
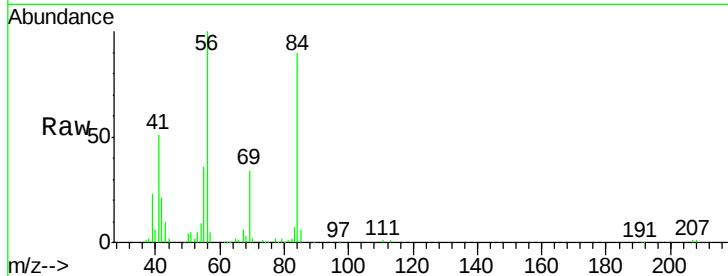
#31
Cyclohexane
Concen: 20.629 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	27.1	40.7
84	87.5	74.0	111.0

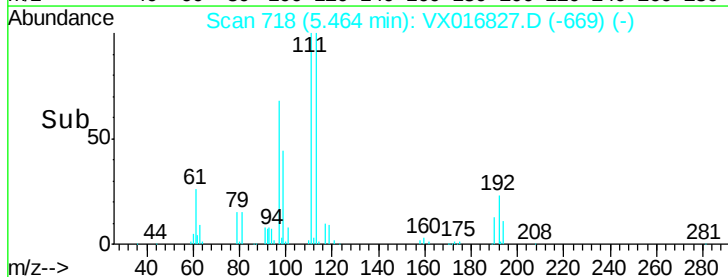
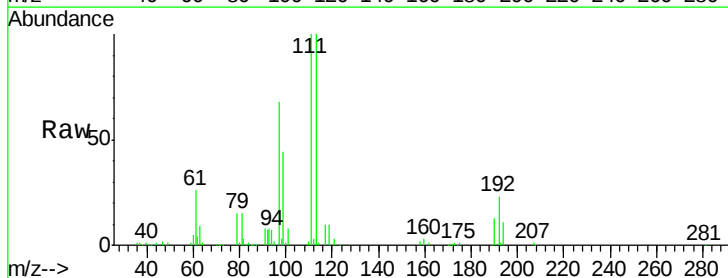
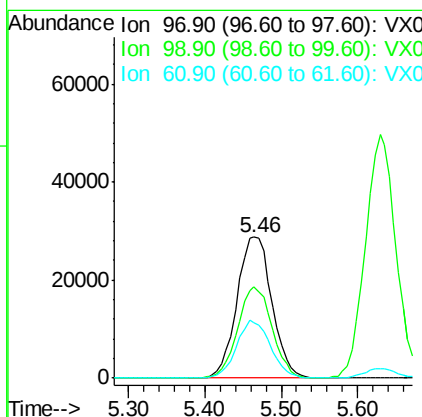
Manual Integrations
APPROVED

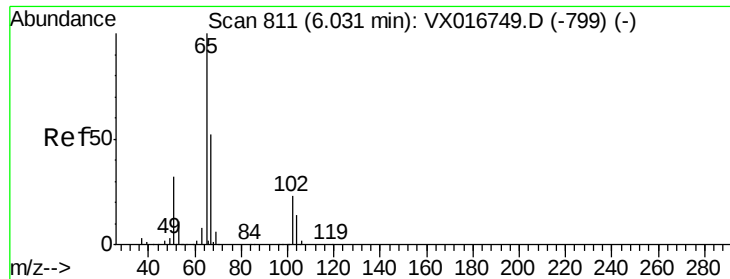
MMDadoda
6/18/2020 11:17:25 AM



#32
1,1,1-Trichloroethane
Concen: 20.309 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.5	77.3
61	39.6	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 49.330 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion: 65 Resp: 144791

Ion Ratio Lower Upper

65 100

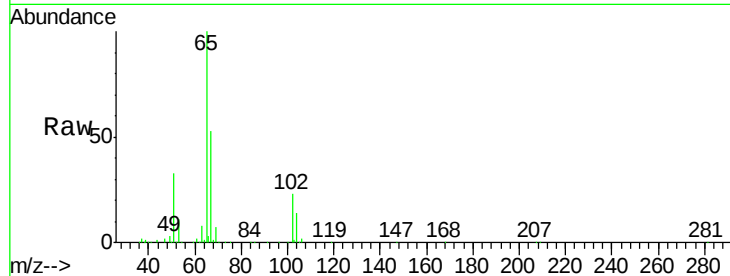
67 52.2 0.0 103.0

Manual Integrations

APPROVED

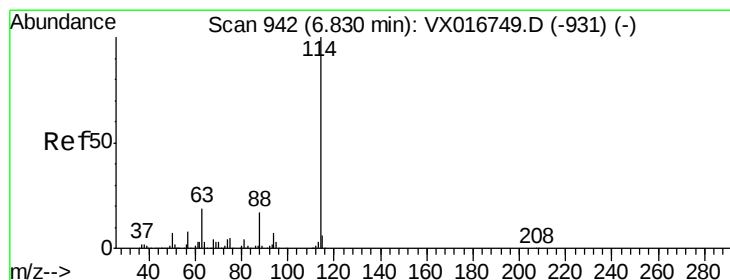
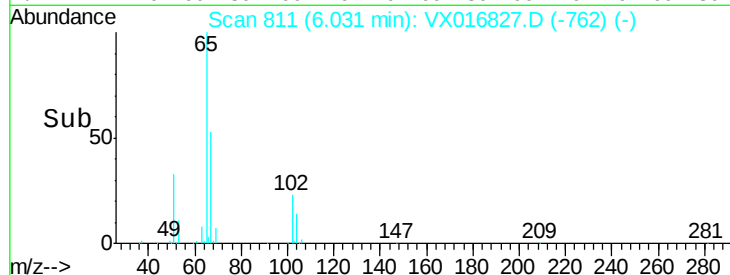
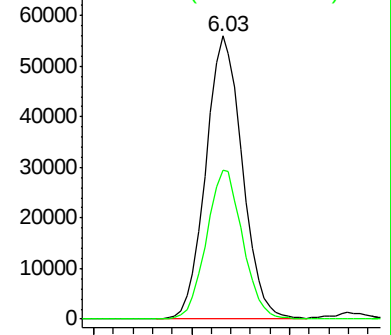
MMDadoda

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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: VX016827.D

Acq: 17 Jun 2020 19:13

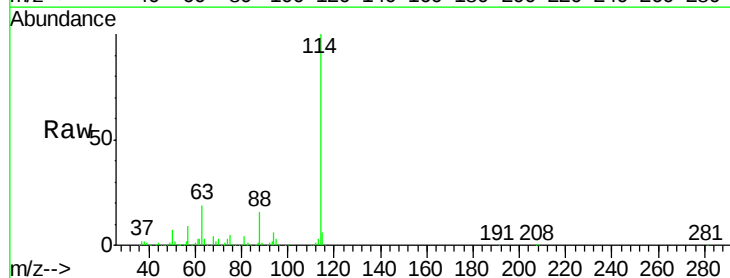
Tgt Ion: 114 Resp: 475488

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

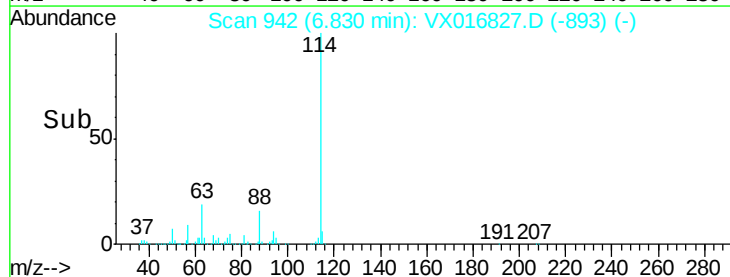
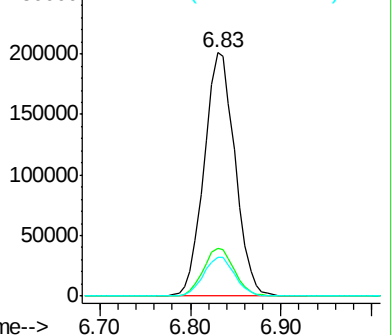
88 15.9 0.0 33.4

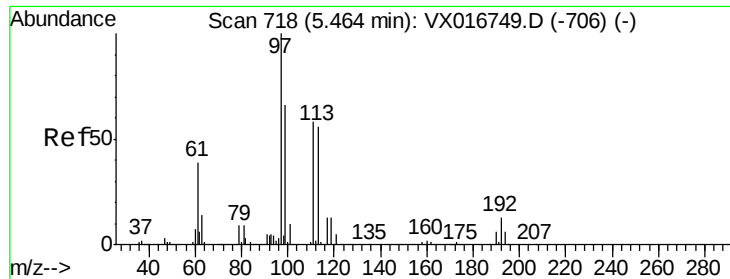


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





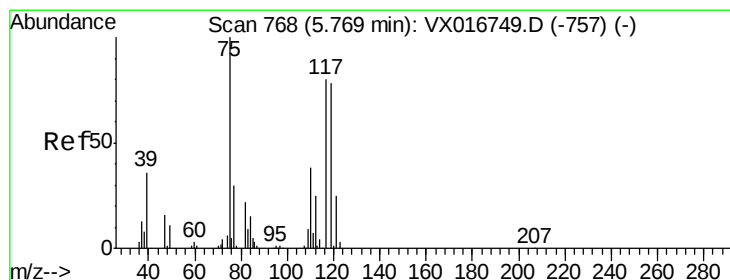
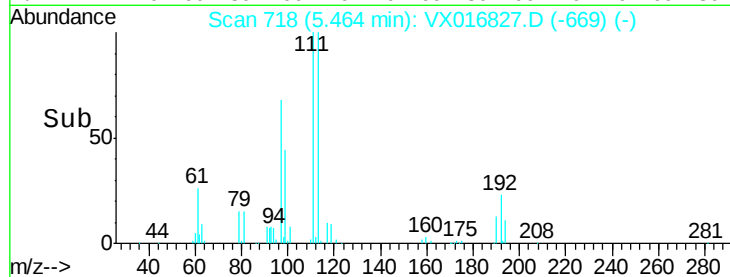
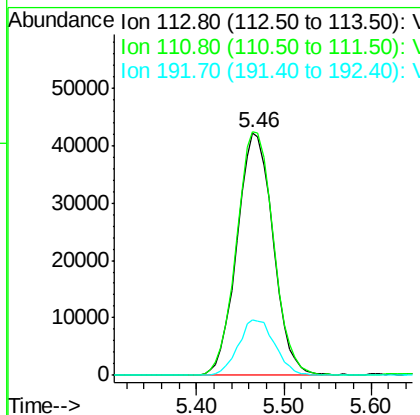
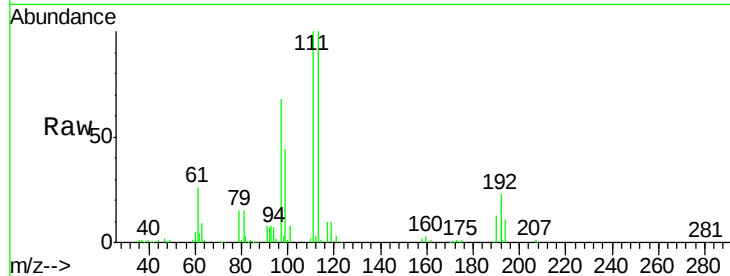
#35
 Dibromofluoromethane
 Concen: 41.341 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS04

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121282		
111	102.8	81.8	122.6	
192	23.2	18.2	27.4	

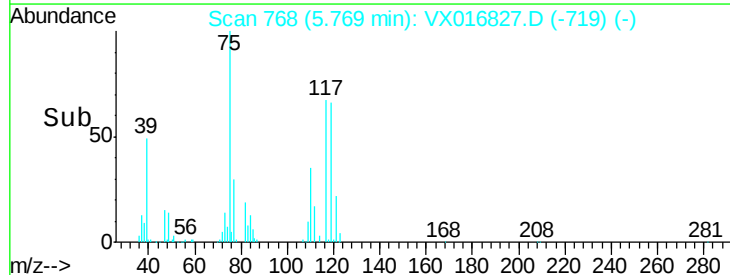
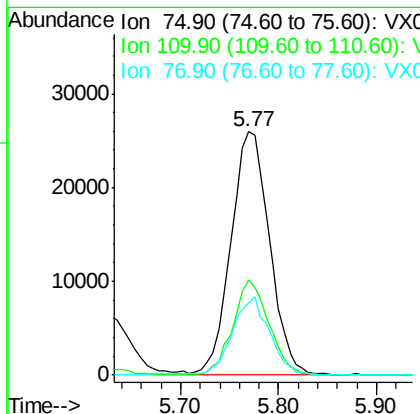
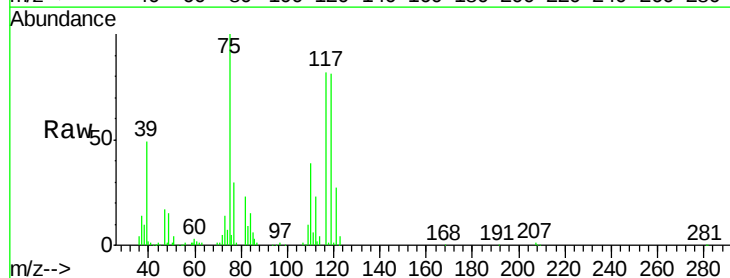
Manual Integrations
 APPROVED

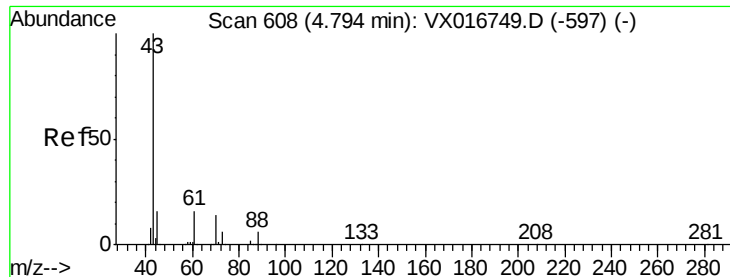
MMDadoda
 6/18/2020 11:17:25 AM



#36
 1,1-Dichloropropene
 Concen: 16.966 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71293		
110	36.6	18.4	55.2	
77	31.1	24.7	37.1	





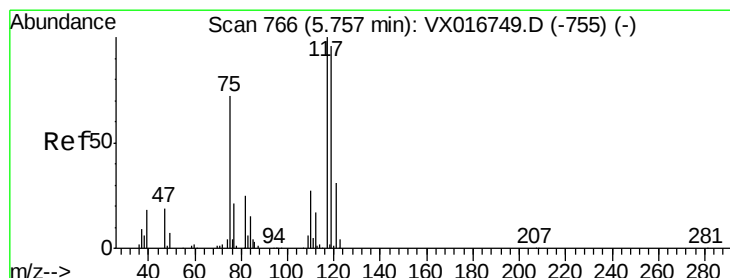
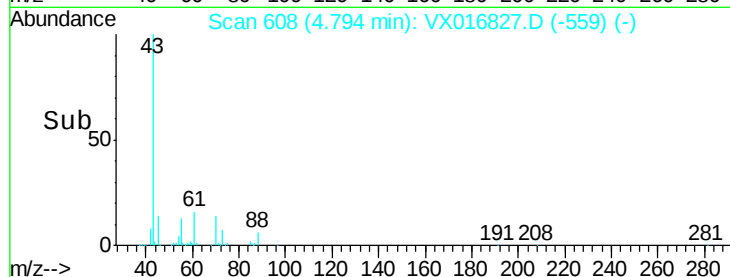
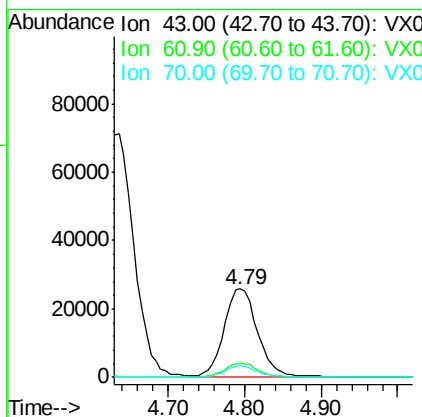
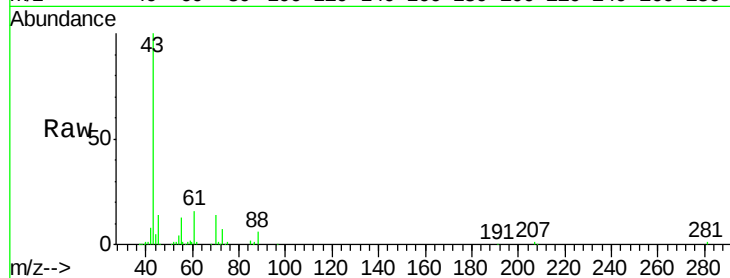
#37
Ethyl Acetate
Concen: 16.916 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.4	18.6
70	13.1	10.8	16.2

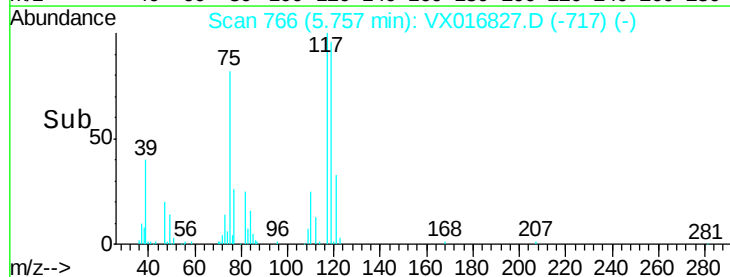
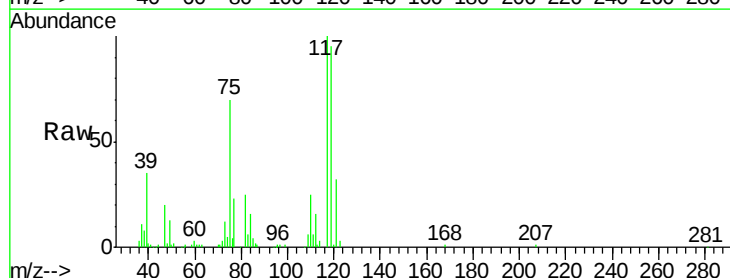
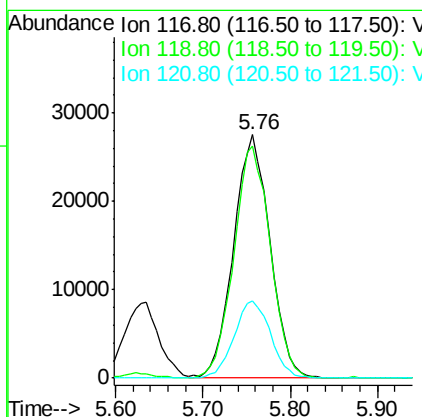
Manual Integrations
APPROVED

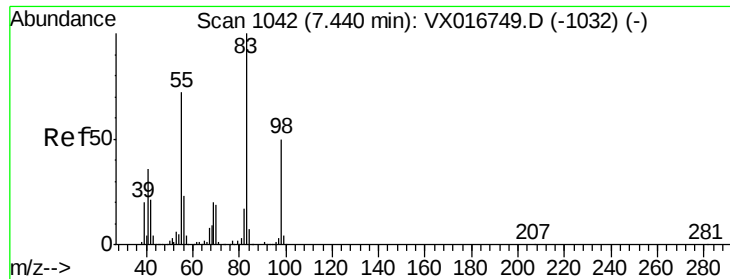
MMDadoda
6/18/2020 11:17:25 AM



#38
Carbon Tetrachloride
Concen: 16.720 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.7	115.1
121	31.7	24.7	37.1





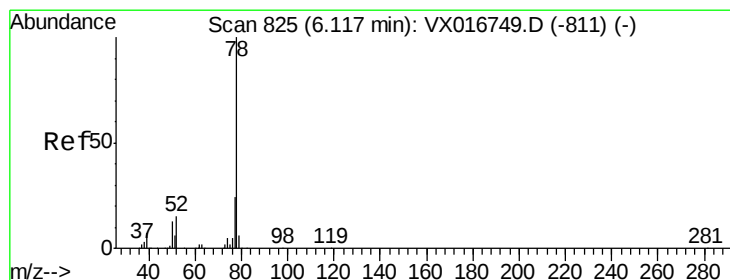
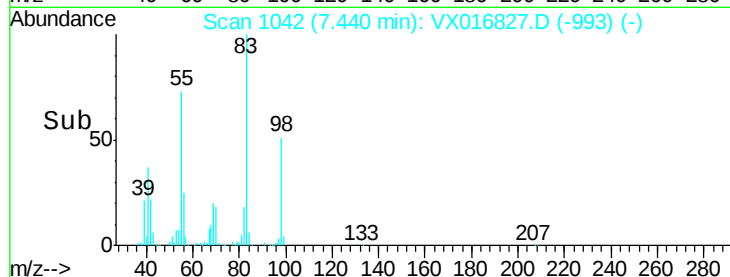
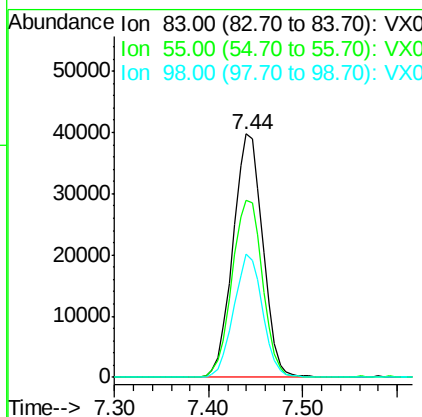
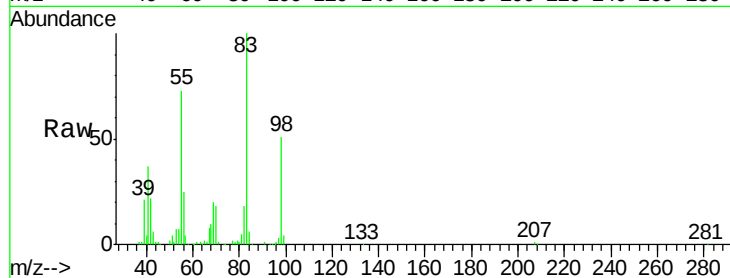
#39
Methvlcvclohexane
Concen: 18.615 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.7	57.3	85.9
98	50.7	40.3	60.5

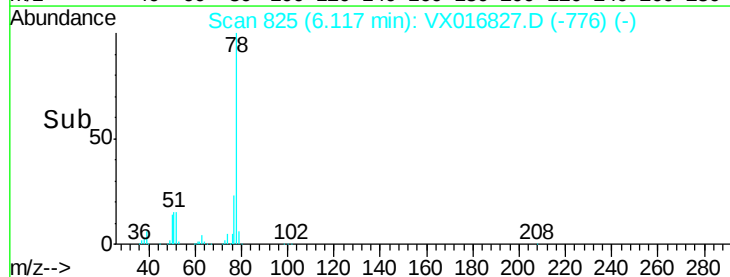
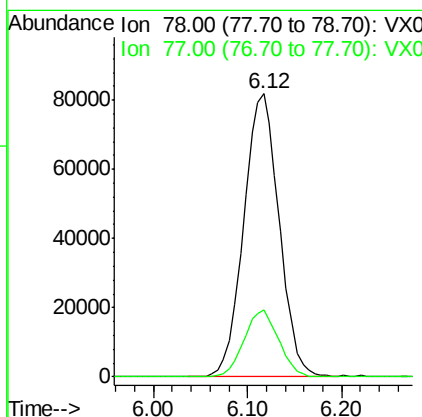
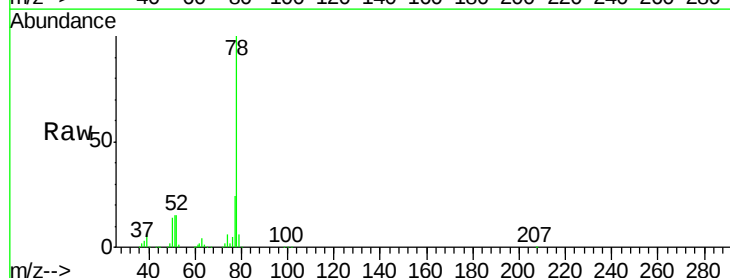
Manual Integrations
APPROVED

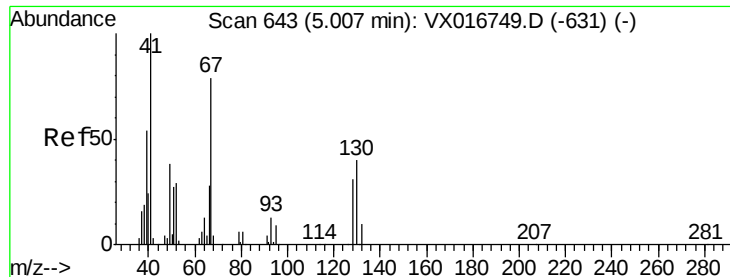
MMDadoda
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#40
Benzene
Concen: 16.849 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41

Methacrylonitrile

Concen: 16.889 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

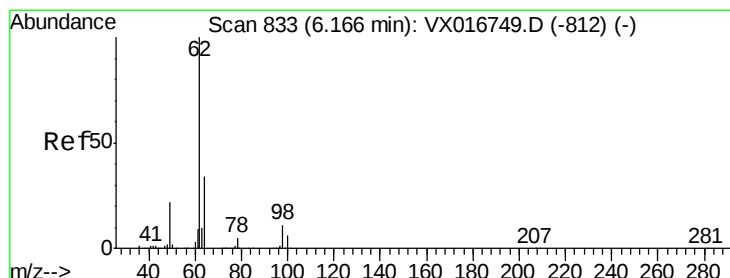
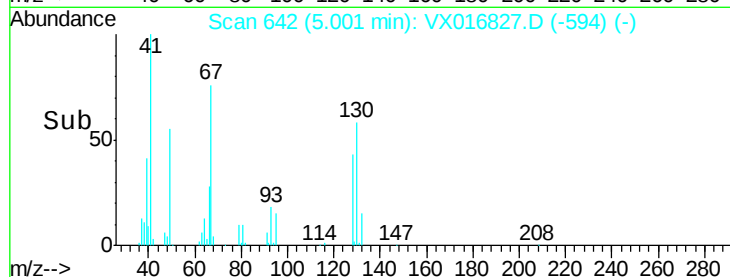
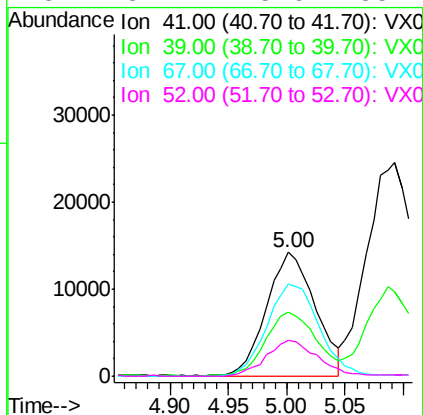
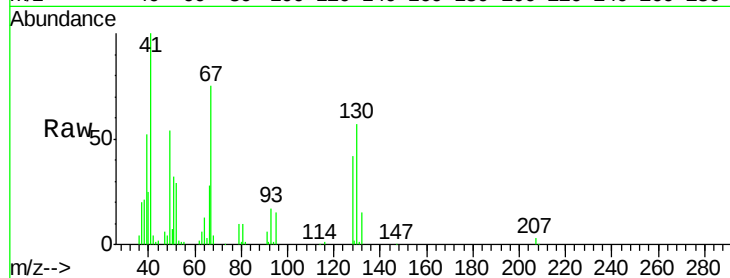
ClientSampleId :

VX0617WBS04

Tot Ion:	41	Resp:	41439
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.7	65.5
67	80.0	64.6	96.8
52	31.4	25.6	38.4

Manual Integrations
APPROVED

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#42

1,2-Dichloroethane

Concen: 16.142 ug/l

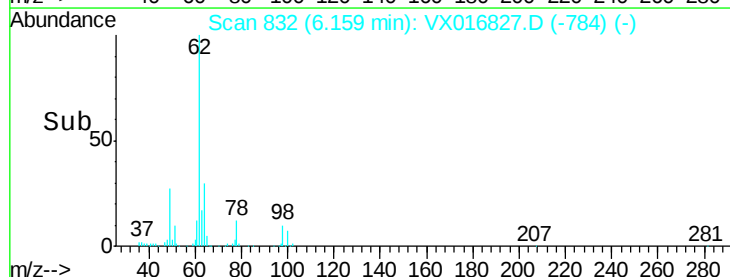
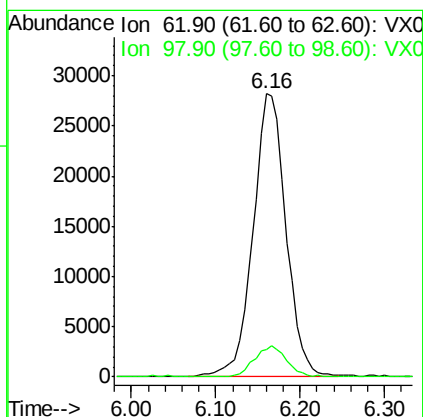
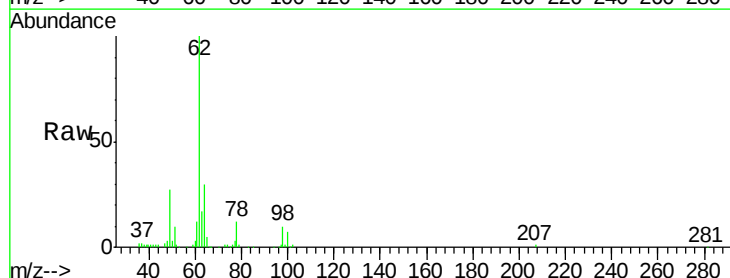
RT: 6.16 min Scan# 832

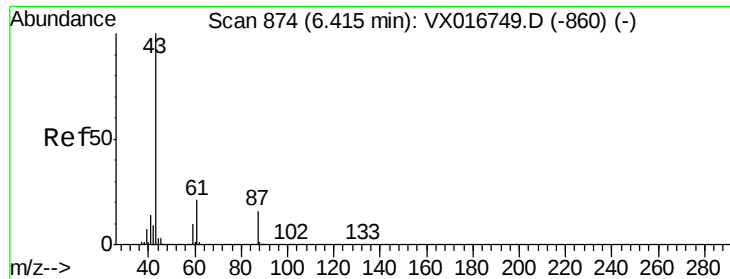
Delta R.T. -0.01 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Tgt Ion:	62	Resp:	75377
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.2





#43

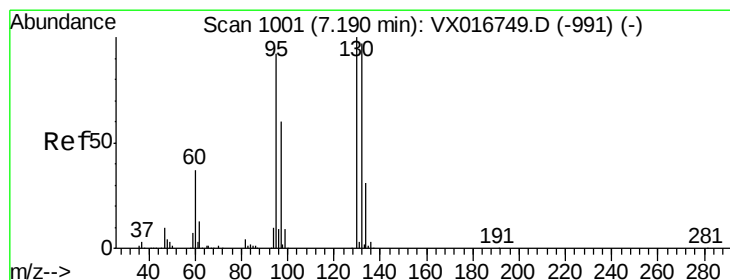
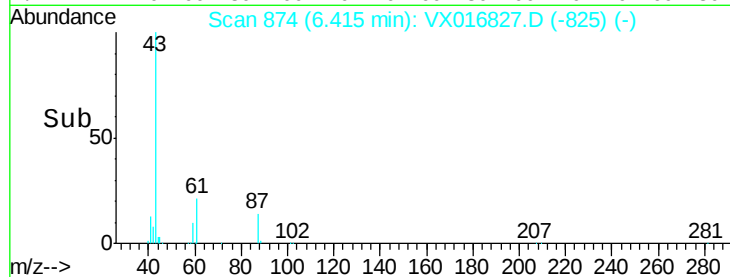
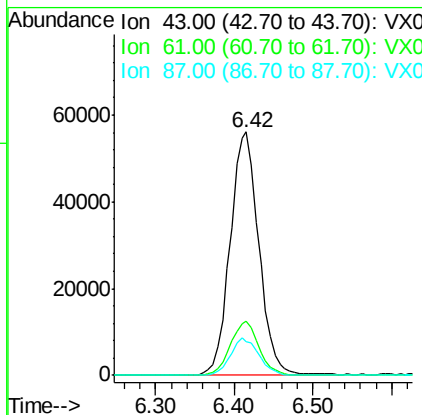
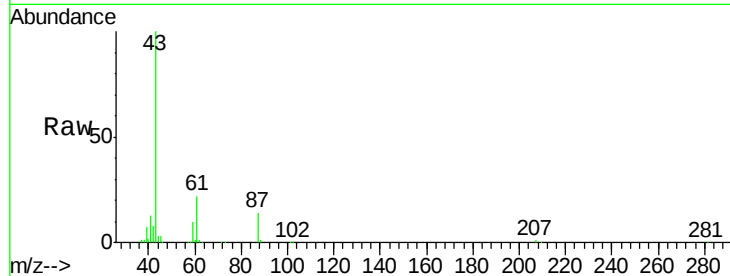
Isopropyl Acetate
 Concen: 19.531 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS04

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.7	26.5
87	15.2	12.5	18.7

Manual Integrations
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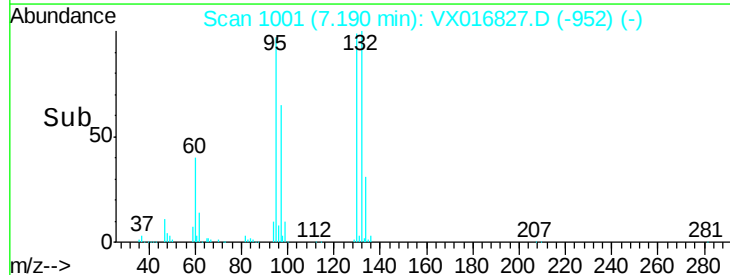
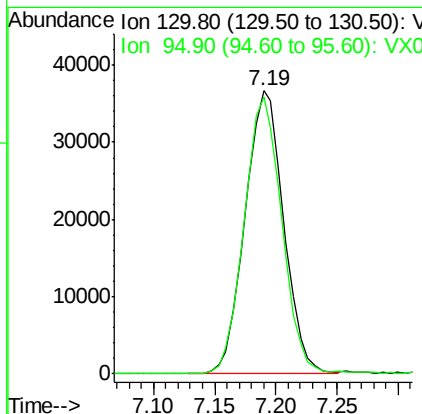
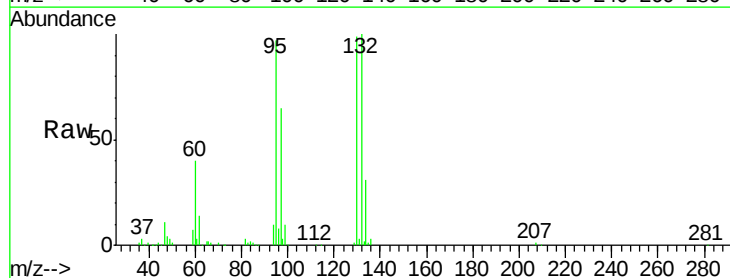
MMDadoda
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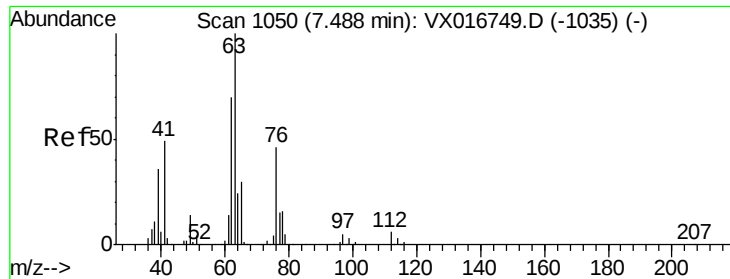


#44

Trichloroethene
 Concen: 20.366 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	183.6





#45

1,2-Dichloropropane

Concen: 19.190 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion: 63 Resp: 60184

Ion Ratio Lower Upper

63 100

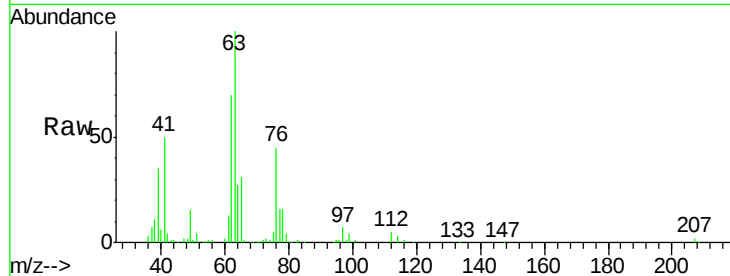
65 31.3 24.2 36.2

Manual Integrations

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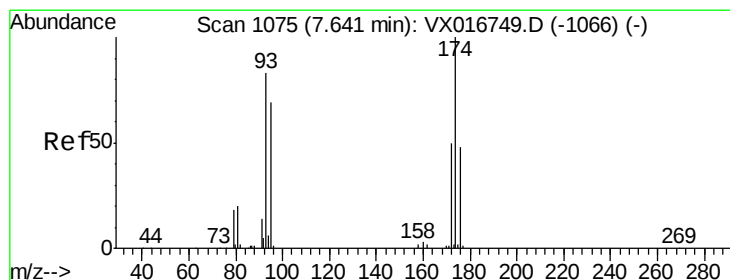
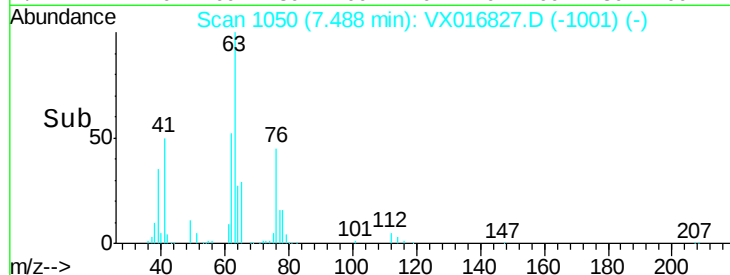
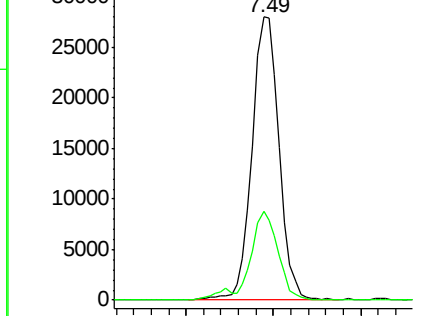
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.379 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

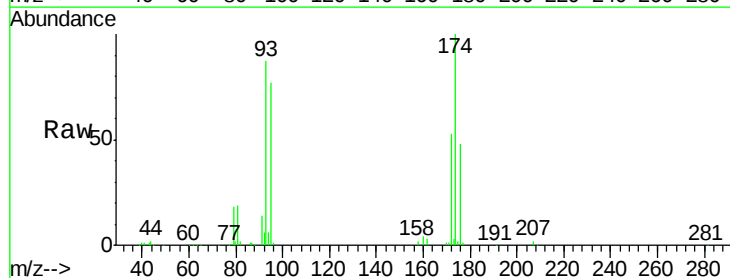
Tgt Ion: 93 Resp: 39726

Ion Ratio Lower Upper

93 100

95 84.7 66.9 100.3

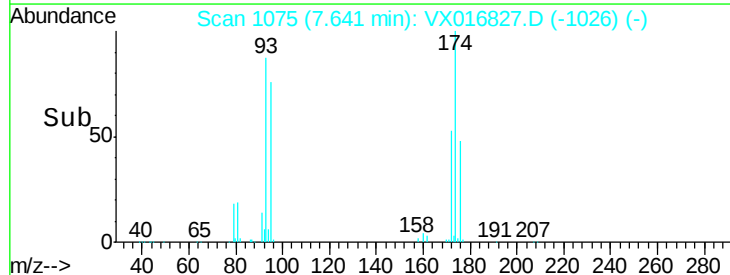
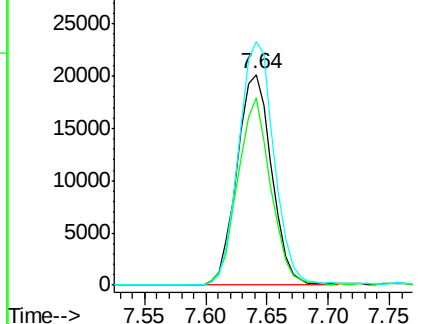
174 118.1 93.8 140.8

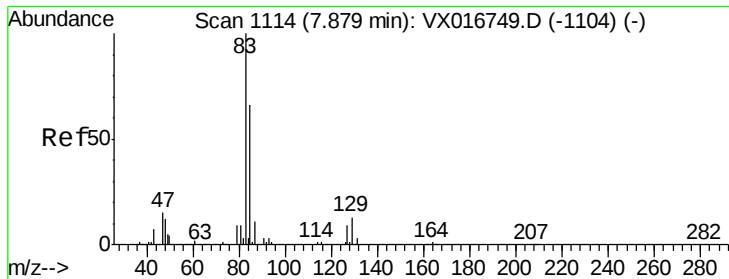


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 16.312 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

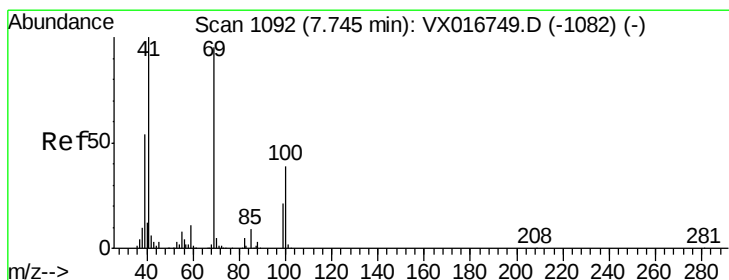
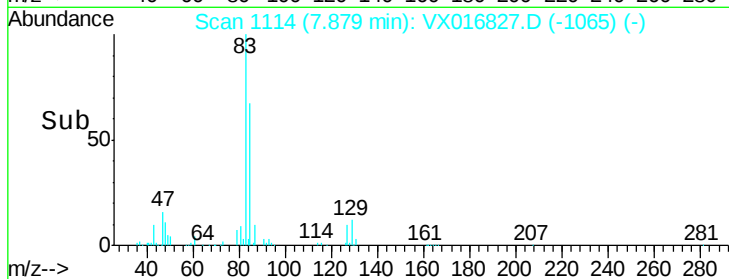
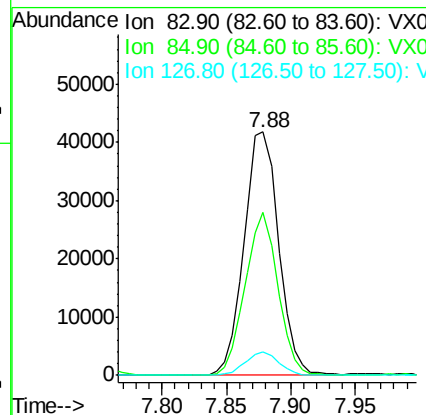
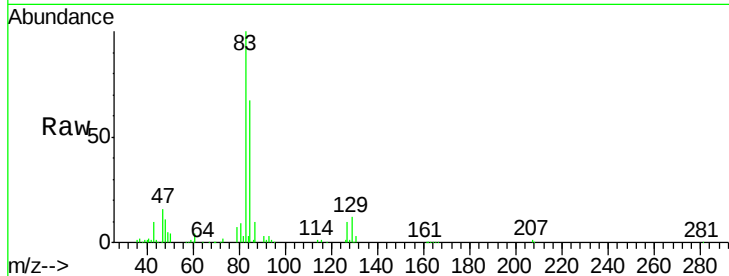
ClientSampleId :

VX0617WBS04

Tot Ion:	83	Resp:	77735
Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.5	78.7
127	9.5	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.803 ug/l

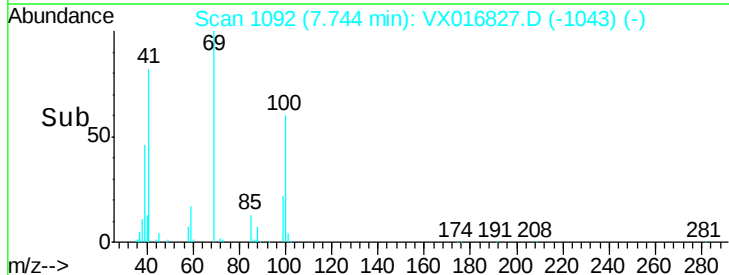
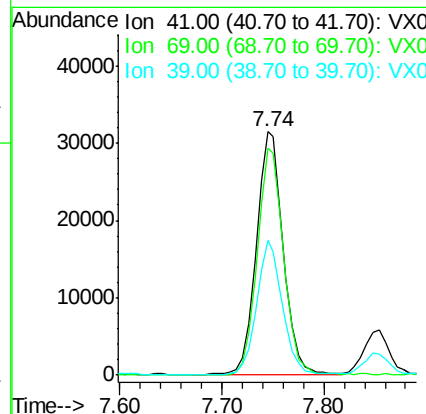
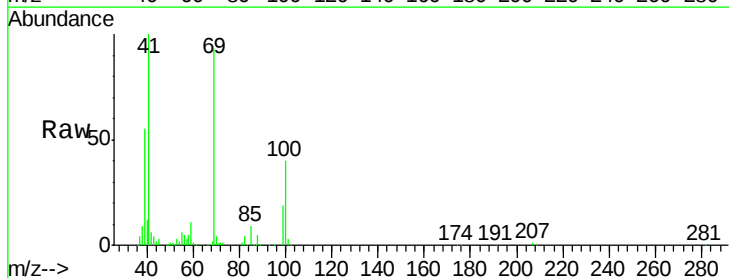
RT: 7.74 min Scan# 1092

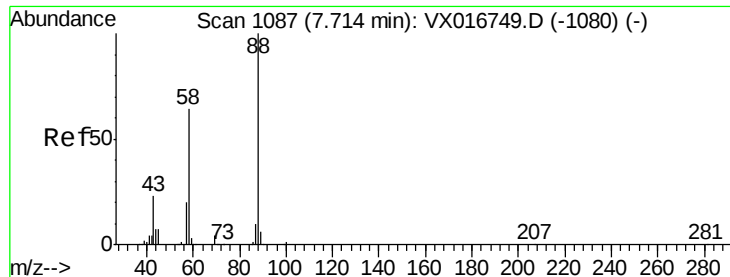
Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Tgt Ion:	41	Resp:	57438
Ion	Ratio	Lower	Upper
41	100		
69	92.4	75.0	112.6
39	53.9	44.3	66.5





#49

1,4-Dioxane

Concen: 311.953 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

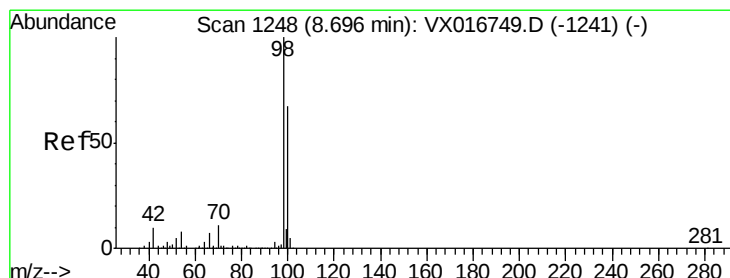
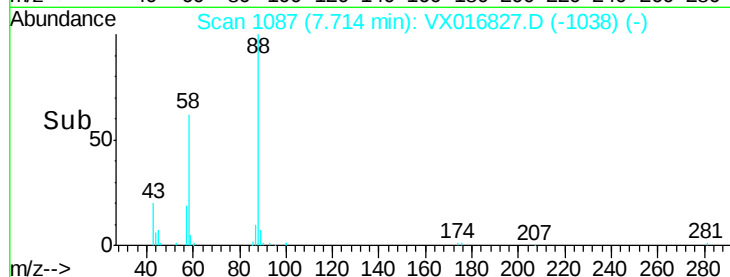
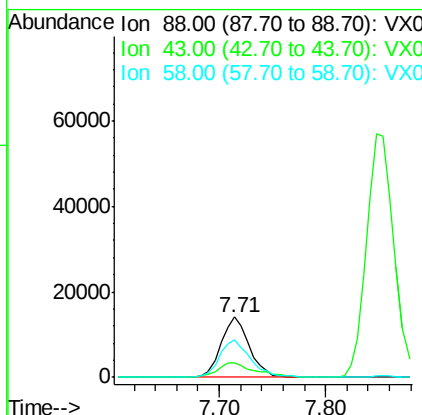
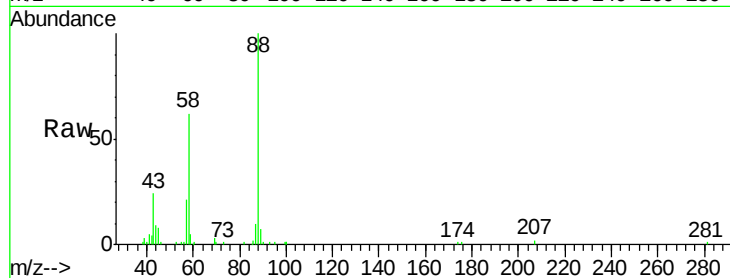
ClientSampleId :

VX0617WBS04

Tot Ion:	88	Resp:	26389
Ion	Ratio	Lower	Upper
88	100		
43	29.2	22.9	34.3
58	66.7	53.7	80.5

Manual Integrations
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#50

Toluene-d8

Concen: 42.511 ug/l

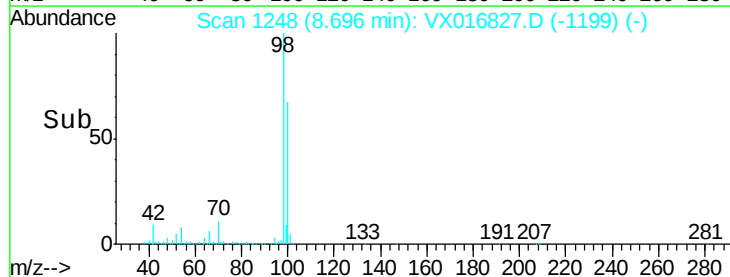
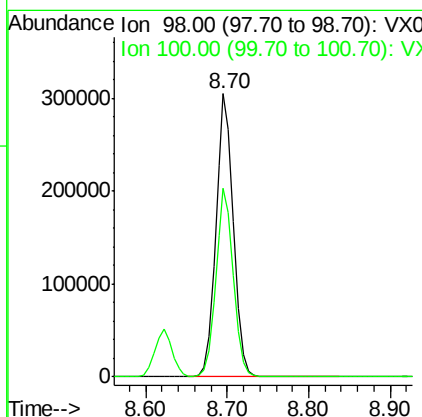
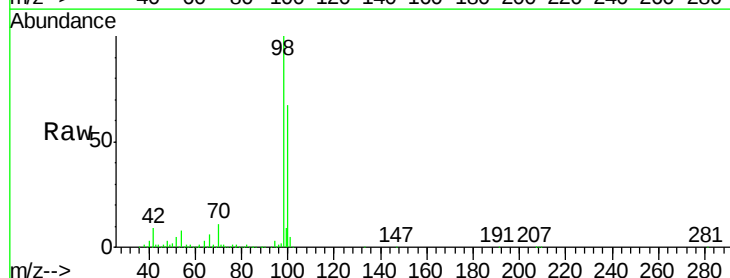
RT: 8.70 min Scan# 1248

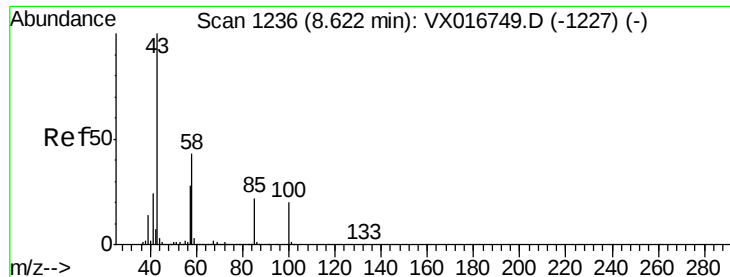
Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Tgt Ion:	98	Resp:	459852
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.9	80.9





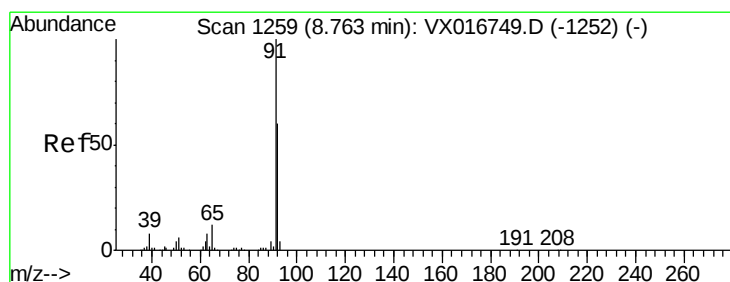
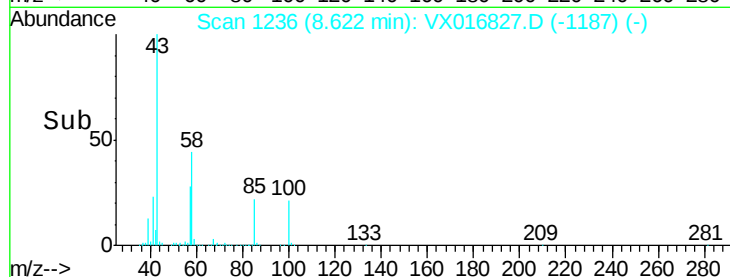
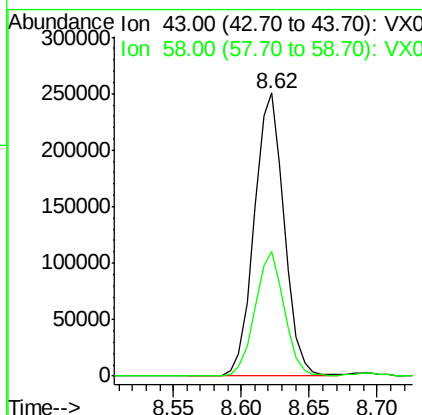
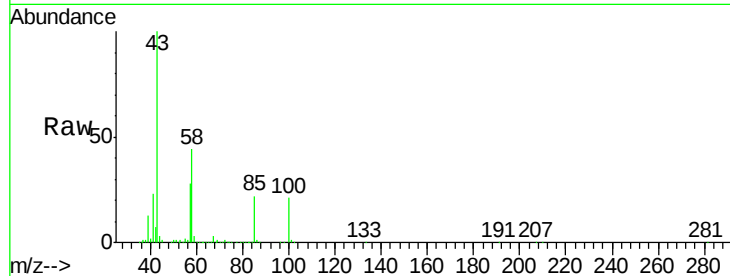
#51
4-Methyl-2-Pentanone
Concen: 86.997 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampled :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.0	34.6	52.0

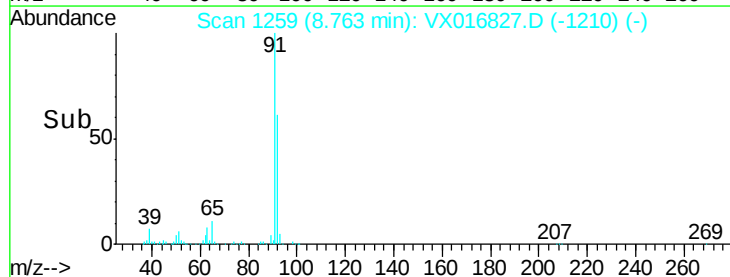
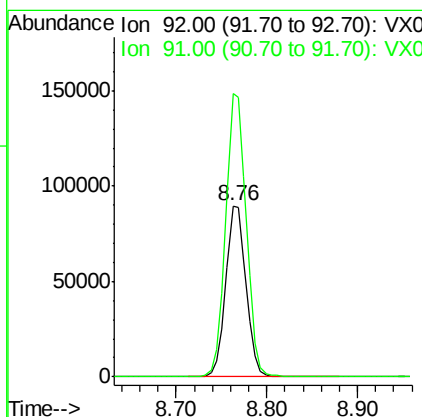
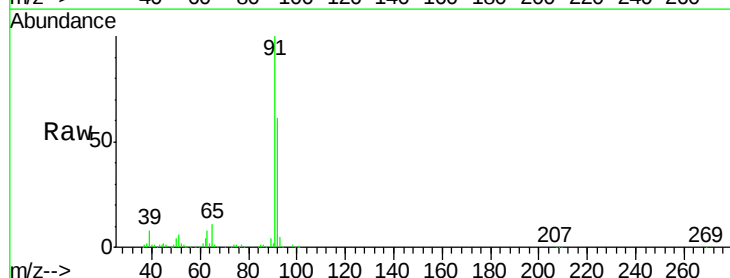
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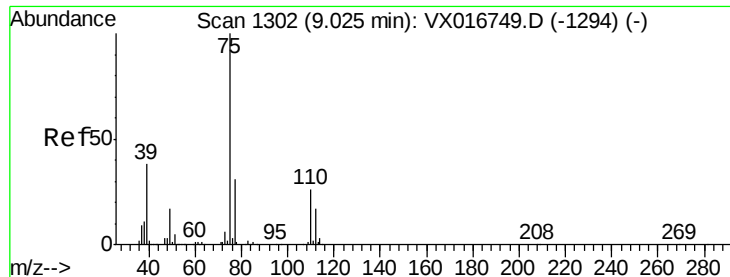
MMDadoda
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#52
Toluene
Concen: 16.701 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.6	136.1	204.1





#53

t-1,3-Dichloropropene

Concen: 16.082 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion: 75 Resp: 86559

Ion Ratio Lower Upper

75 100

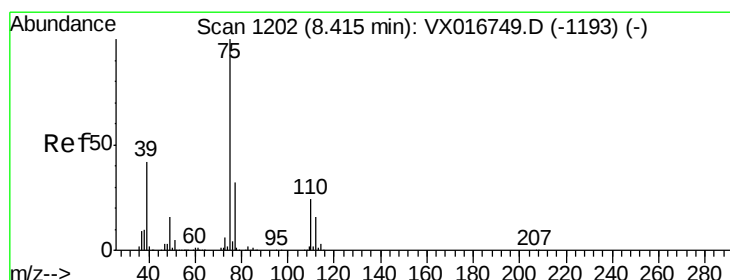
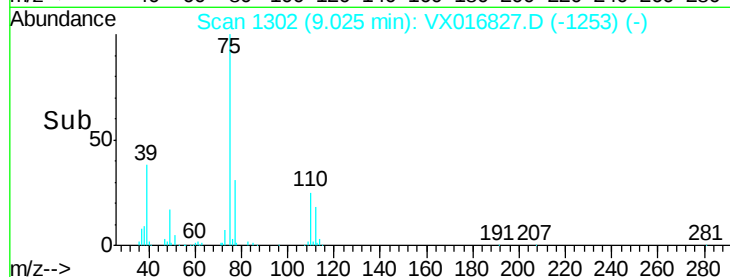
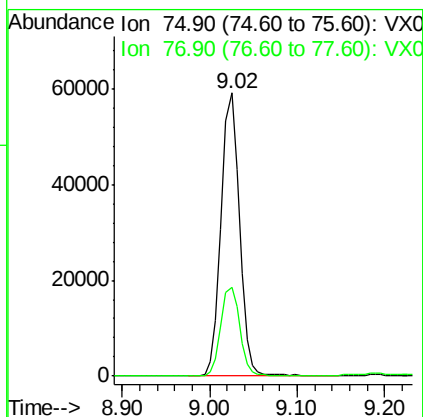
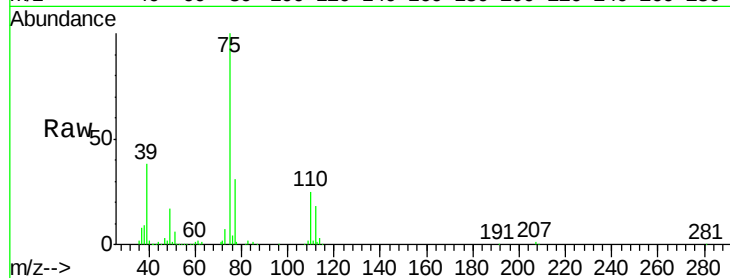
77 31.2 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 16.273 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

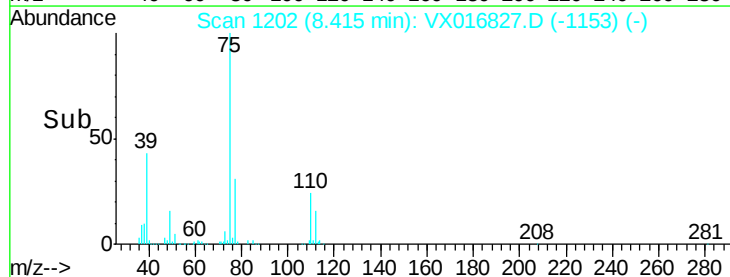
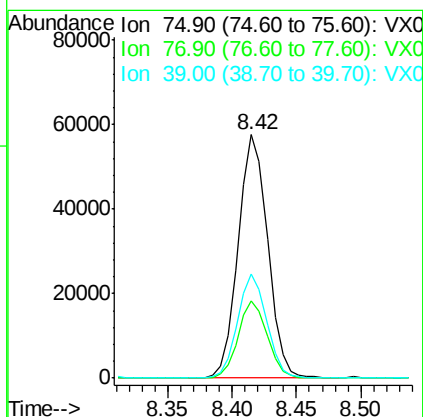
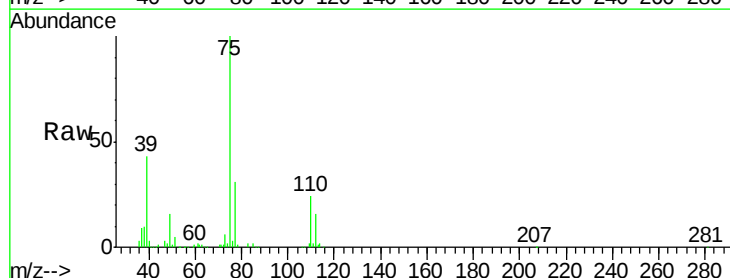
Tgt Ion: 75 Resp: 91366

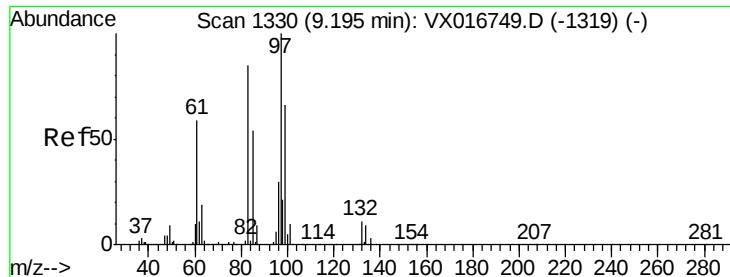
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 42.6 33.7 50.5





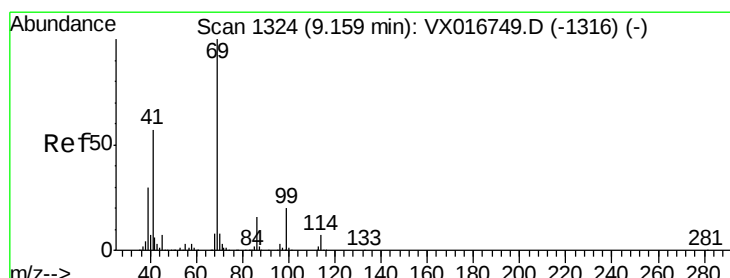
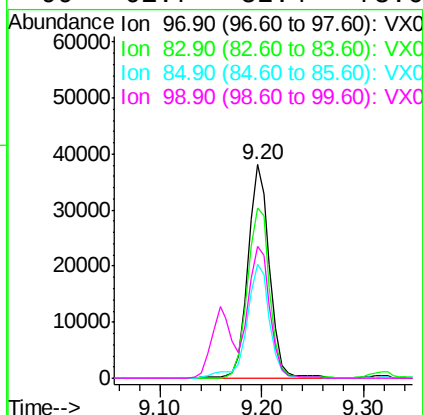
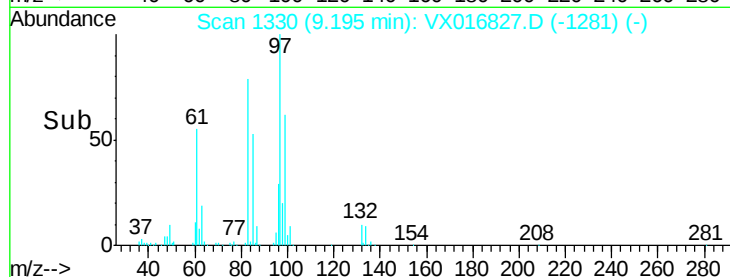
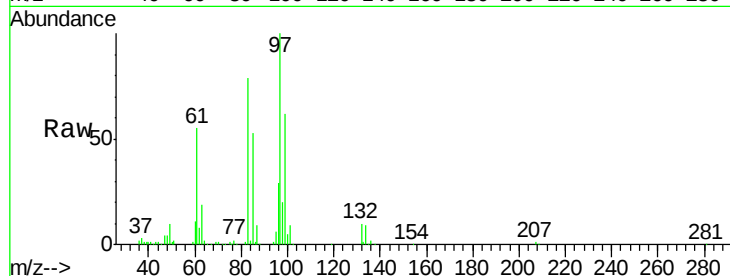
#55
 1,1,2-Trichloroethane
 Concen: 16.813 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		56188		
83	79.5	68.3	102.5		
85	53.4	43.5	65.3		
99	61.7	52.4	78.6		

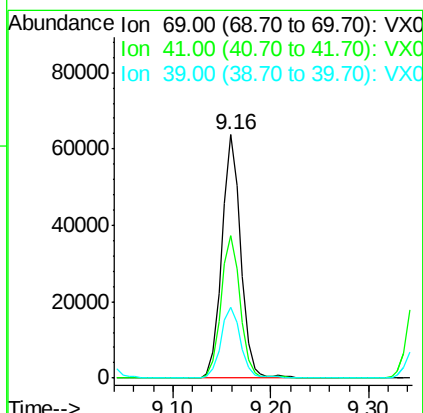
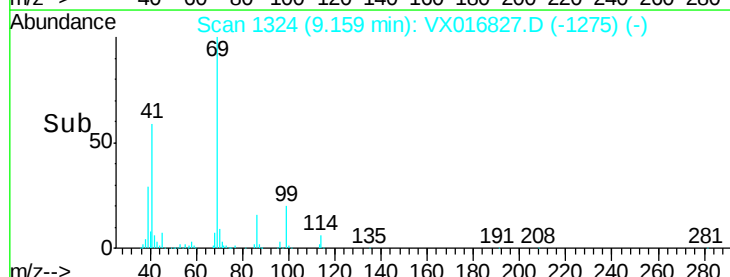
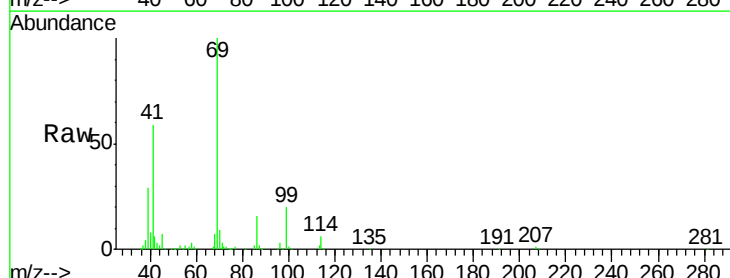
Manual Integrations
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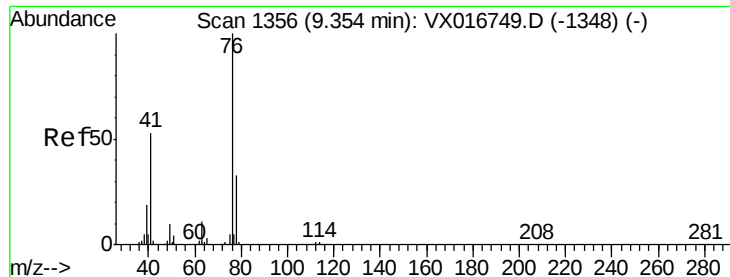
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#56
 Ethyl methacrylate
 Concen: 17.042 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		85274		
41	59.7	47.1	70.7		
39	30.2	25.0	37.6		





#57

1,3-Dichloropropane

Concen: 16.638 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion: 76 Resp: 93469

Ion Ratio Lower Upper

76 100

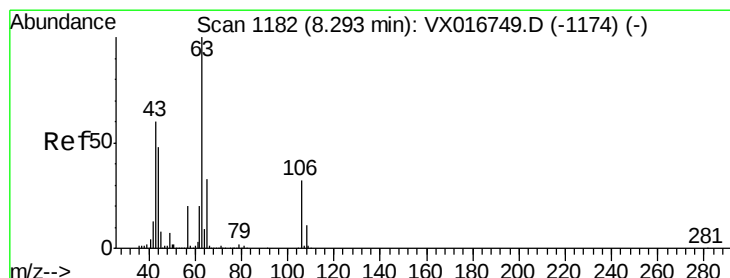
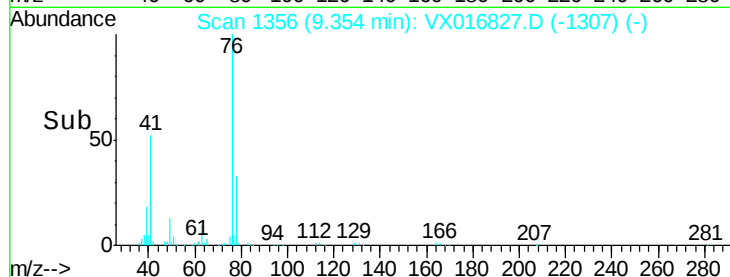
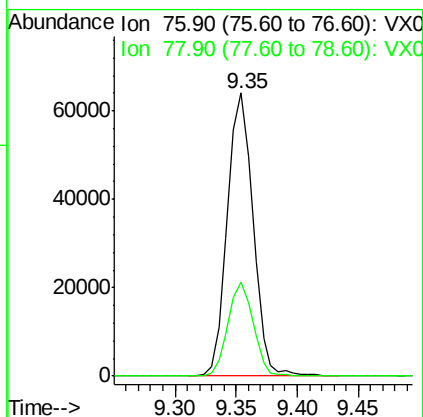
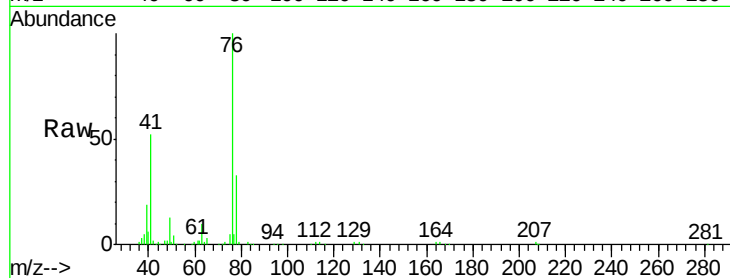
78 32.9 25.7 38.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 82.120 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016827.D

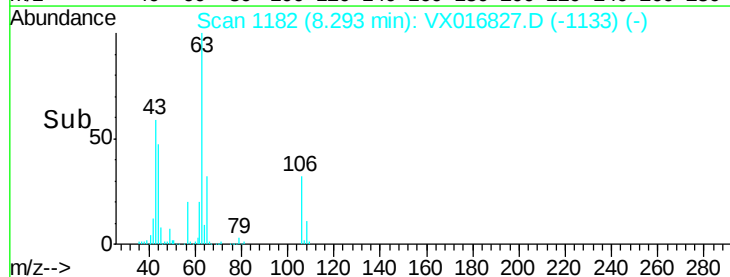
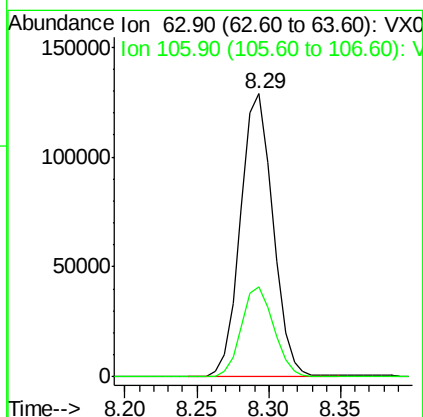
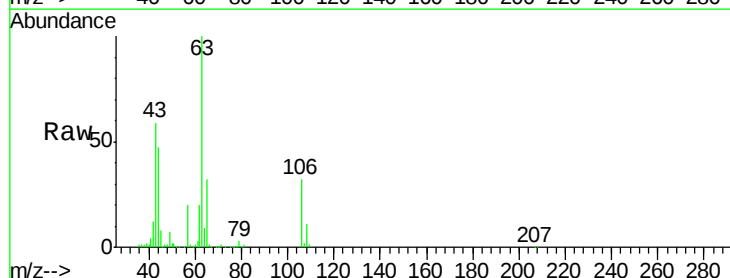
Acq: 17 Jun 2020 19:13

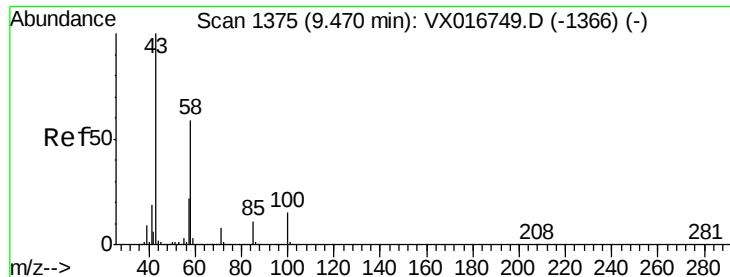
Tgt Ion: 63 Resp: 202041

Ion Ratio Lower Upper

63 100

106 31.7 25.5 38.3





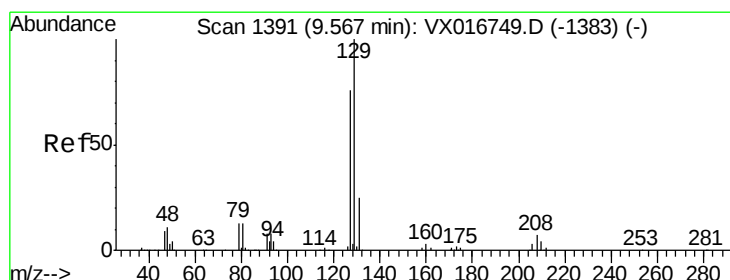
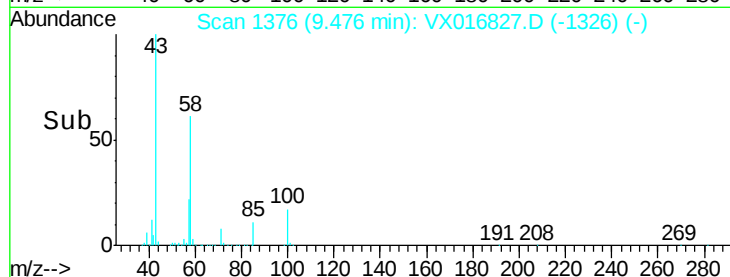
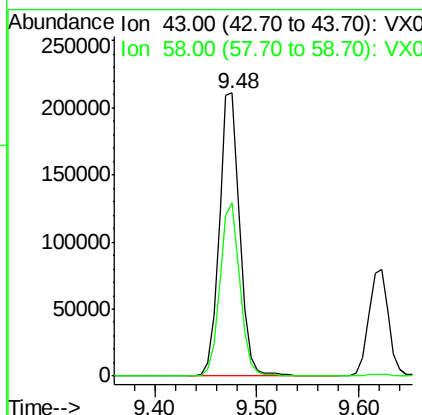
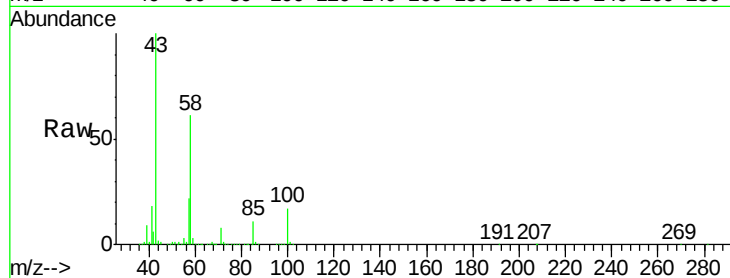
#59
2-Hexanone
Concen: 86.231 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.1	29.9	89.8

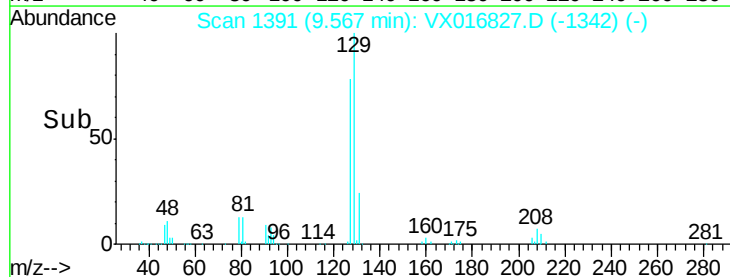
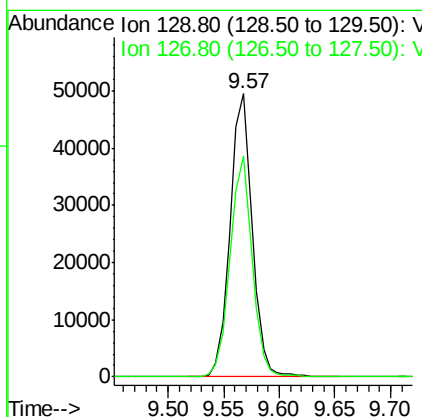
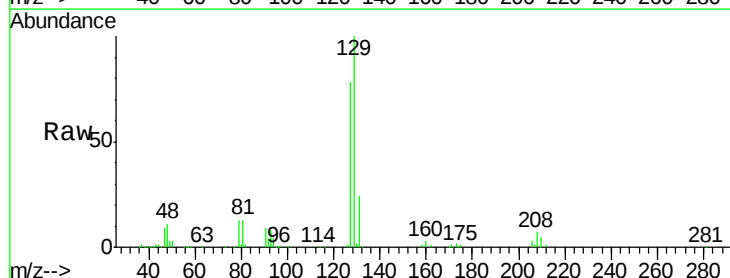
Manual Integrations
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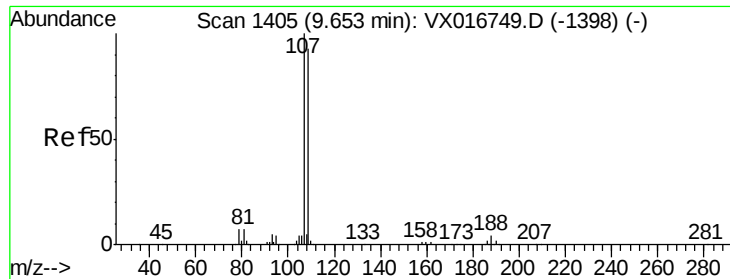
MMDadoda
6/18/2020 11:17:25 AM



#60
Dibromochloromethane
Concen: 17.272 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.7	116.1





#61

1,2-Dibromoethane

Concen: 16.441 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion:107 Resp: 59883

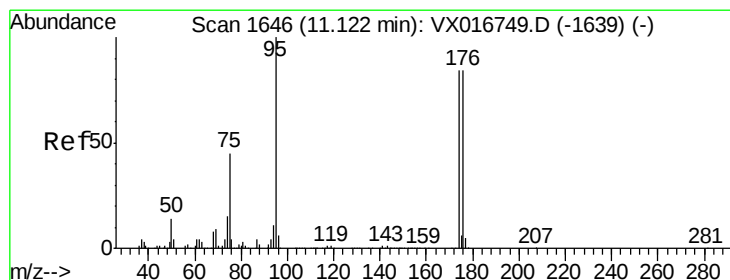
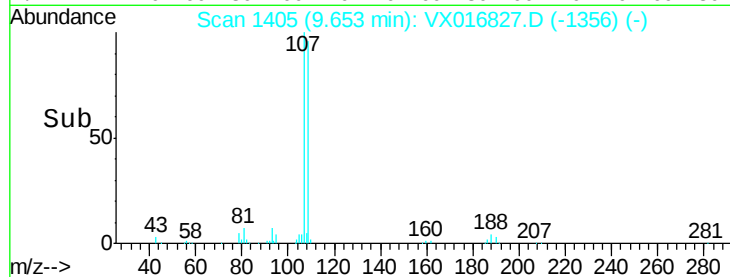
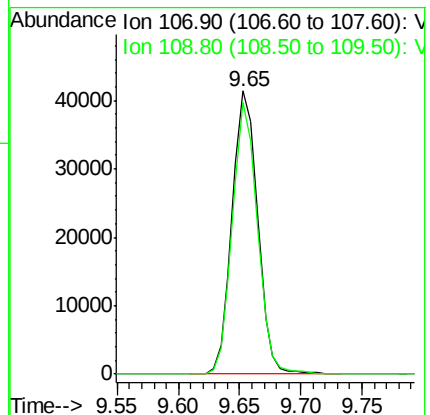
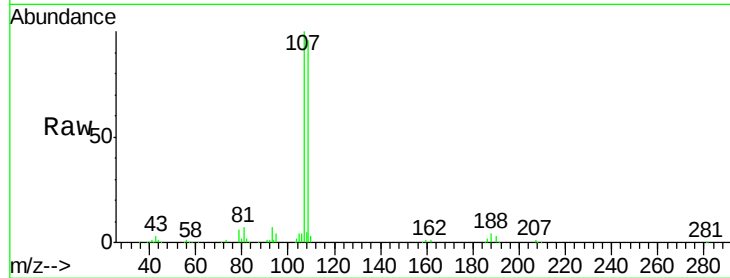
Ion Ratio Lower Upper

107 100

109 94.1 74.2 111.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 41.181 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

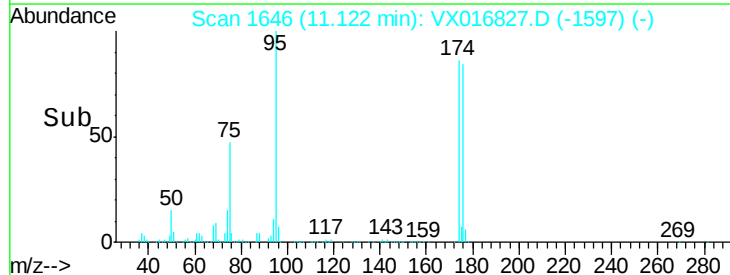
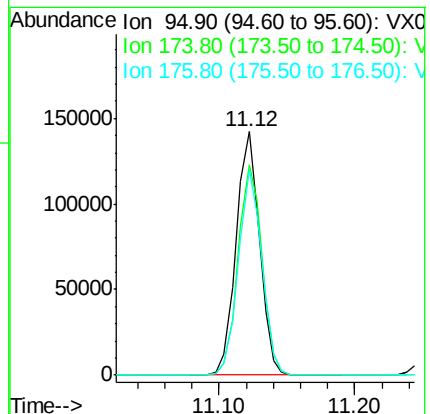
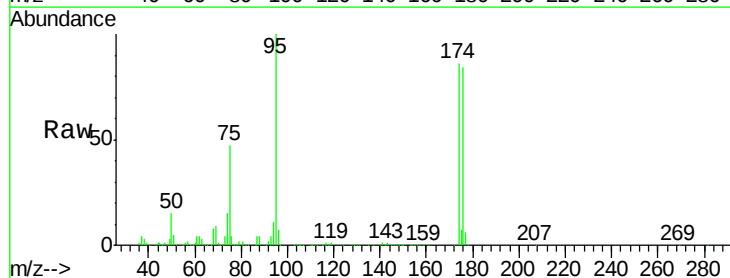
Tgt Ion: 95 Resp: 170391

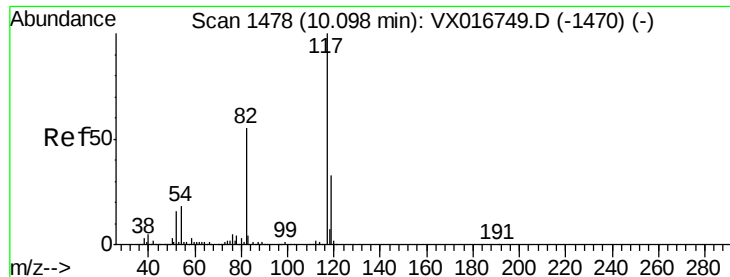
Ion Ratio Lower Upper

95 100

174 88.1 0.0 171.0

176 84.4 0.0 166.2





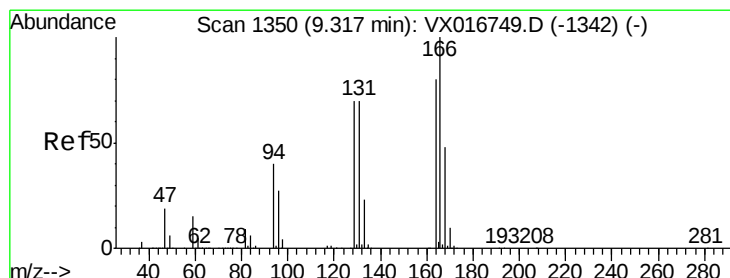
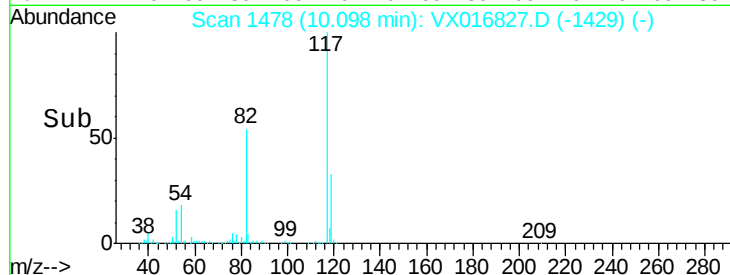
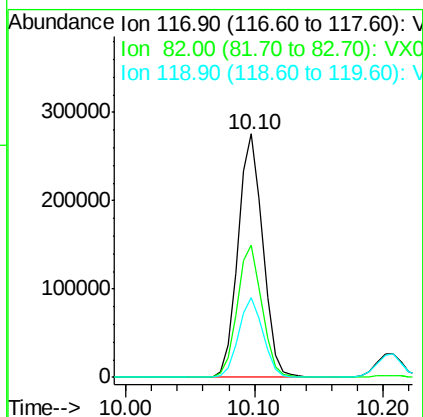
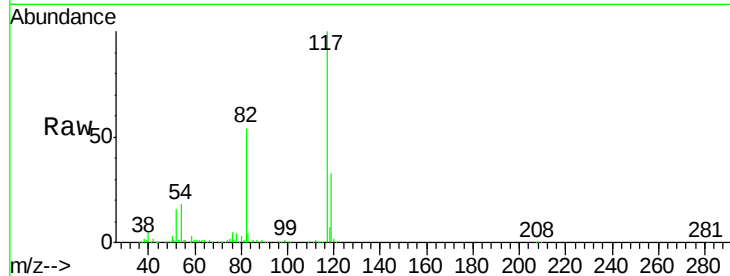
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Resp	Lower	Upper
117	100	366495		
82	54.2	43.8	65.6	
119	32.7	26.2	39.4	

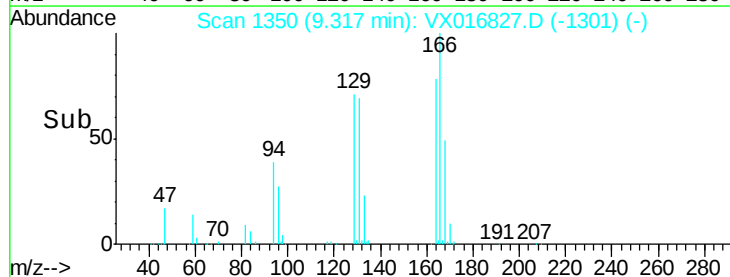
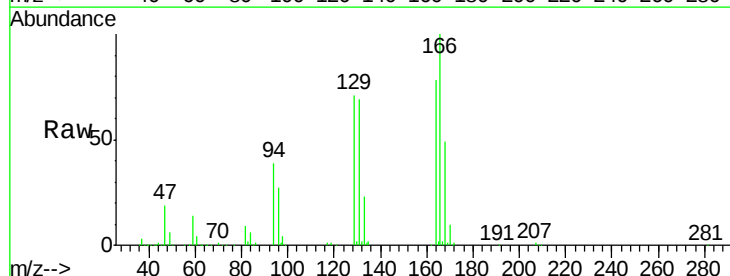
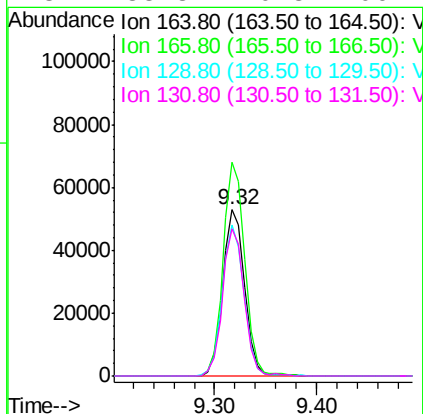
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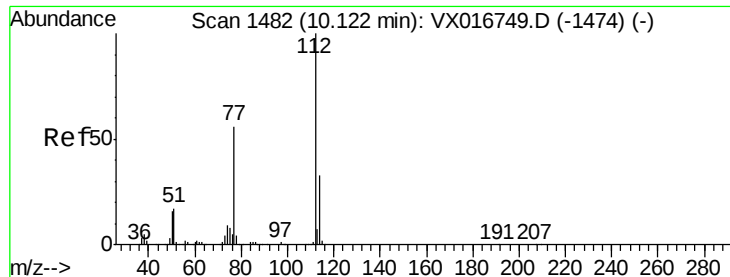
MMDadoda
6/18/2020 11:17:25 AM



#64
Tetrachloroethene
Concen: 22.328 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78580		
166	128.4	100.6	150.8	
129	91.0	70.1	105.1	
131	88.3	70.8	106.2	





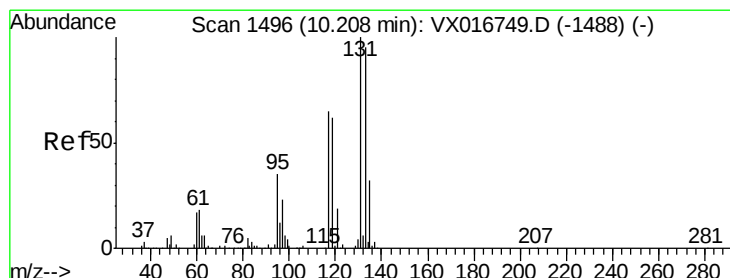
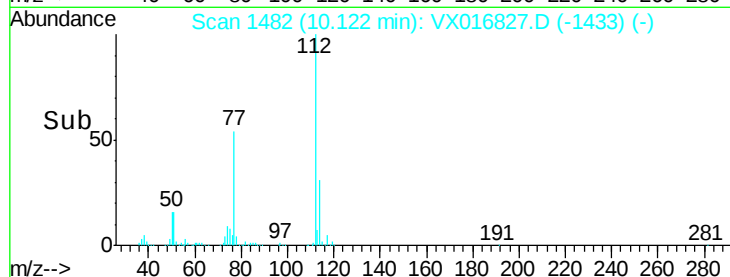
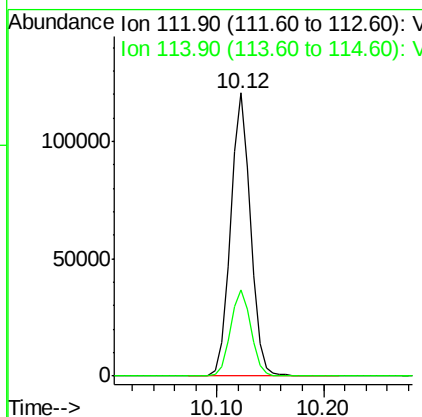
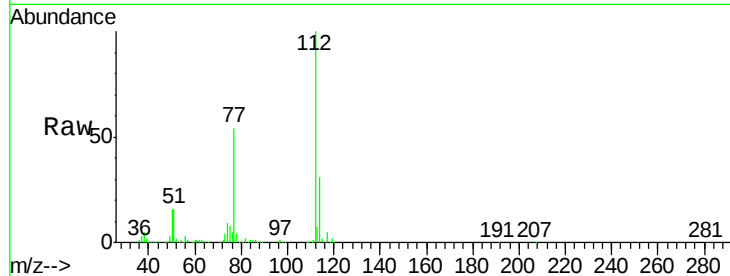
#65
Chlorobenzene
Concen: 21.334 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.7	26.2	39.4

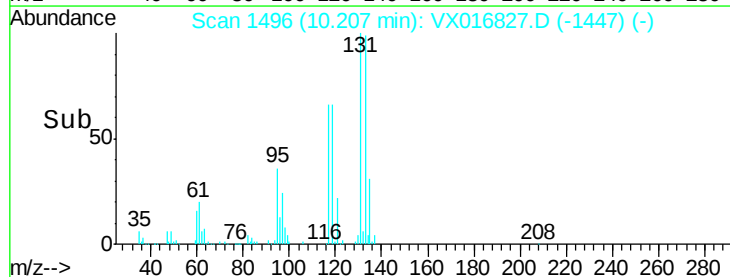
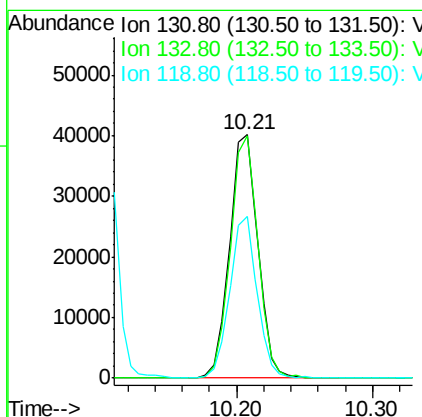
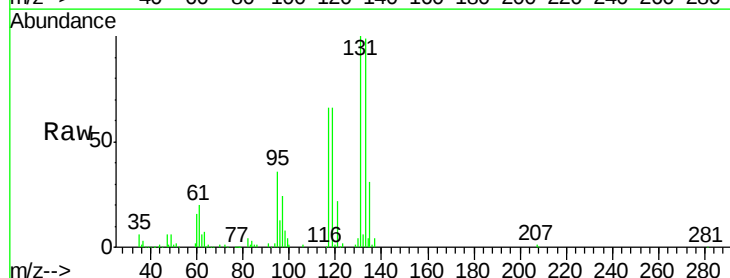
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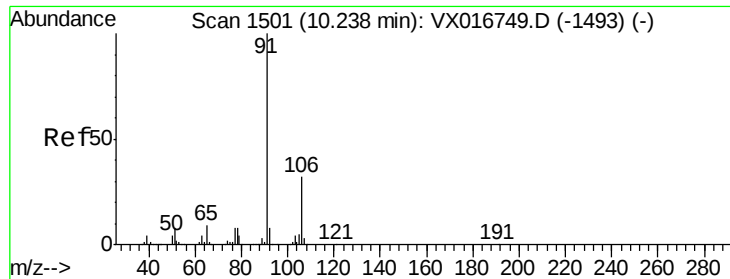
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.569 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	46.8	140.3
119	64.0	31.4	94.0





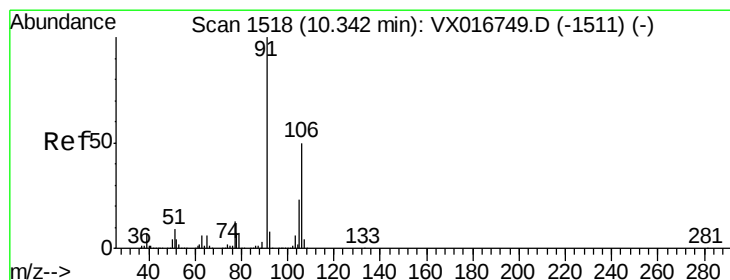
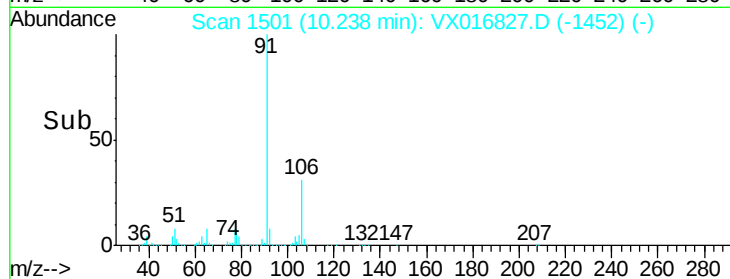
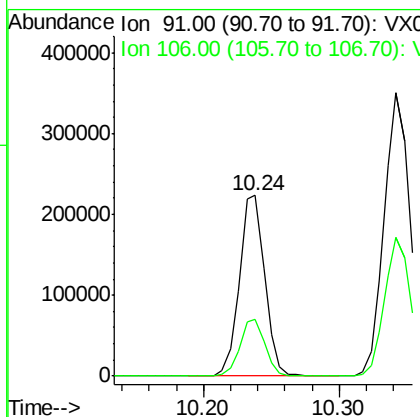
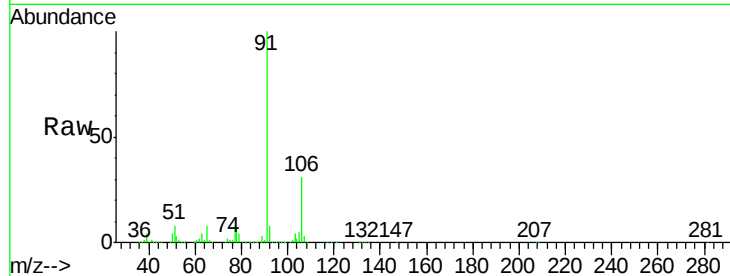
#67
Ethyl Benzene
Concen: 23.044 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion: 91 Resp: 289698
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9

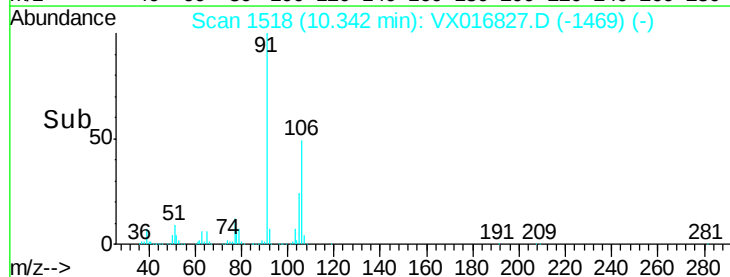
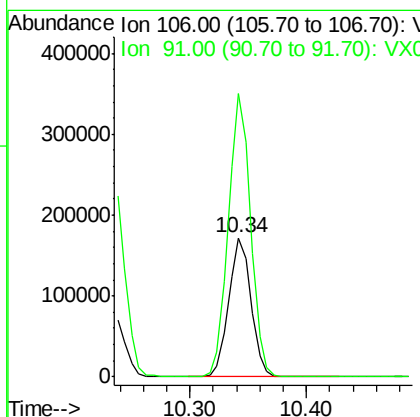
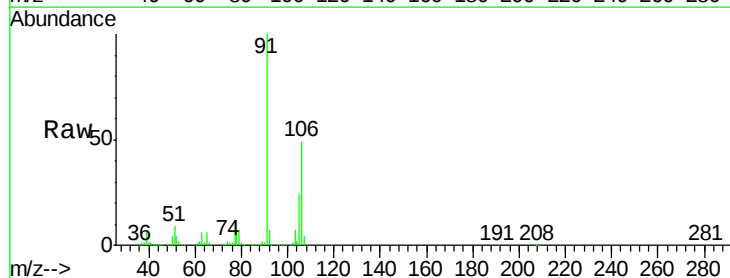
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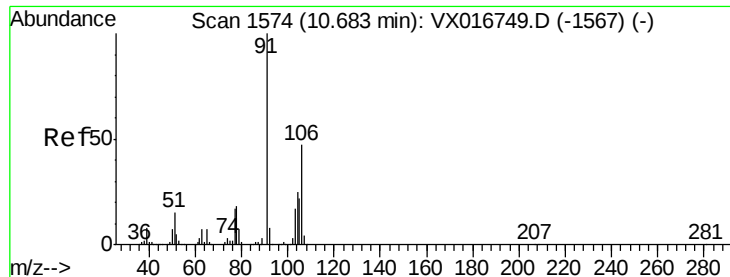
MMDadoda
6/18/2020 11:17:25 AM



#68
m/p-Xylenes
Concen: 48.160 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion: 106 Resp: 229562
Ion Ratio Lower Upper
106 100
91 203.1 161.2 241.8





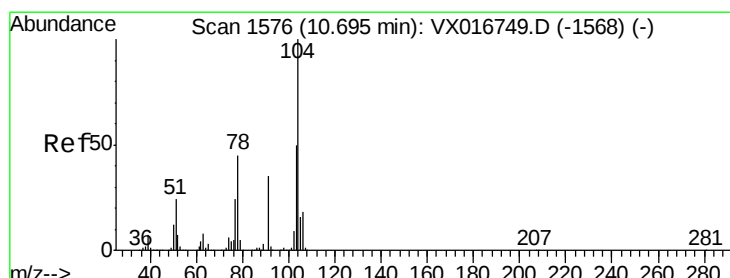
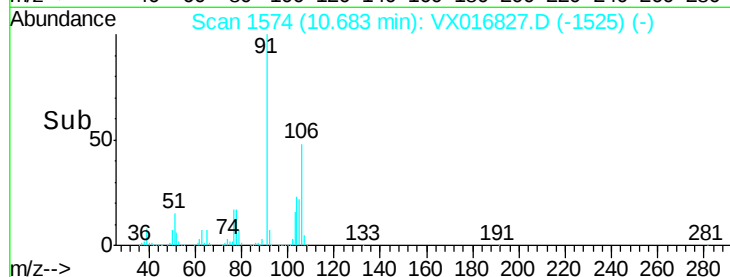
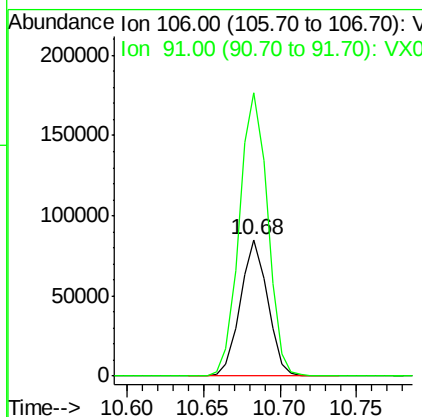
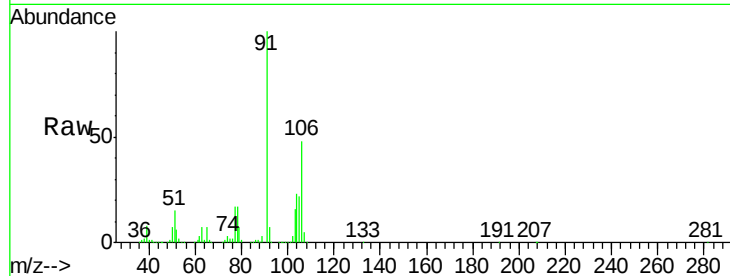
#69
o-Xylene
Concen: 22.878 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.9	106.9	320.8		

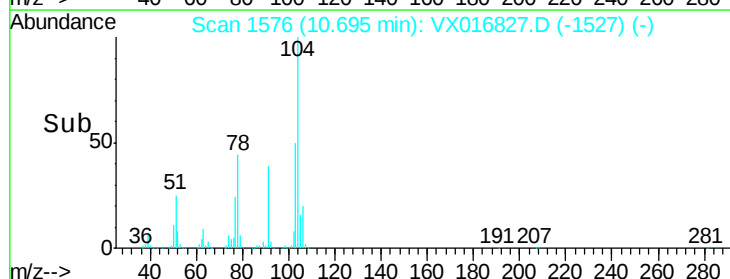
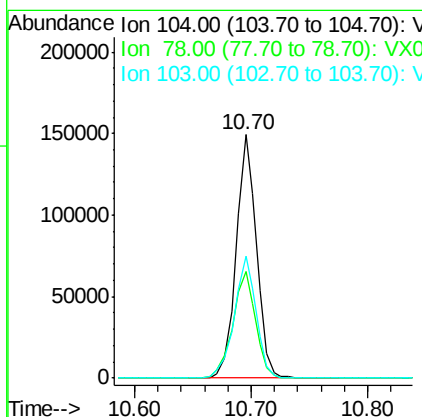
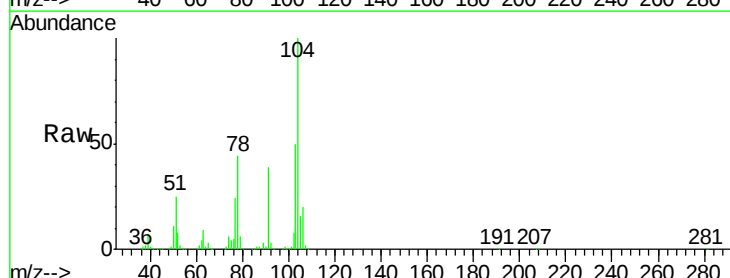
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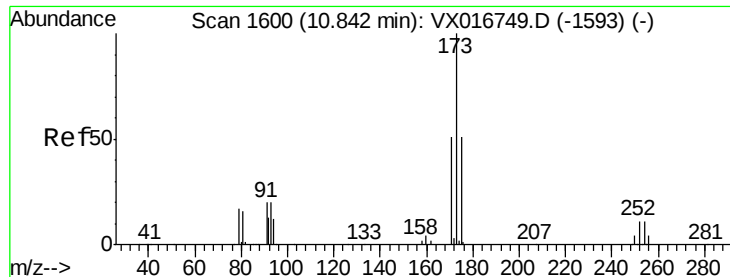
MMDadoda
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#70
Styrene
Concen: 22.869 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.9	39.8	59.8		
103	53.9	43.4	65.2		





#71

Bromoform

Concen: 21.301 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion:173 Resp: 53918

Ion Ratio Lower Upper

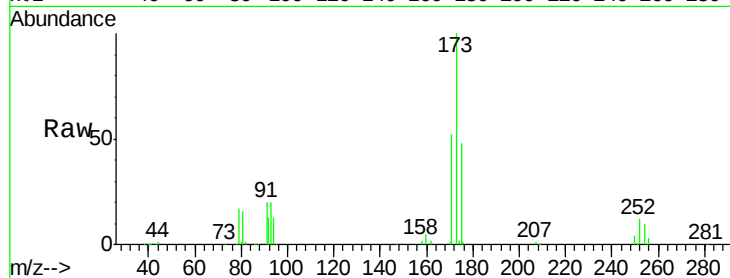
173 100

175 47.8 25.1 75.4

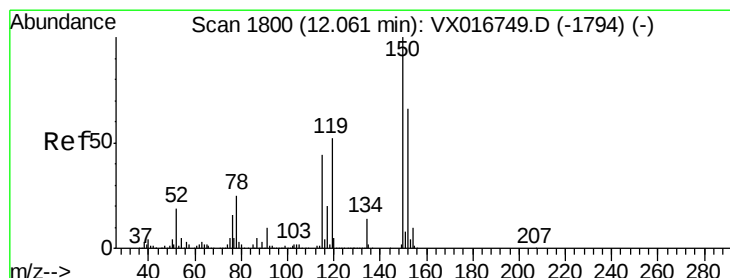
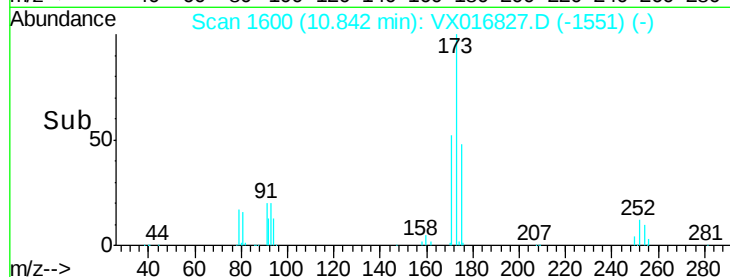
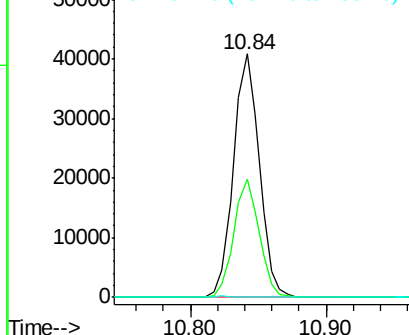
254 0.1 0.1 0.1

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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: VX016827.D

Acq: 17 Jun 2020 19:13

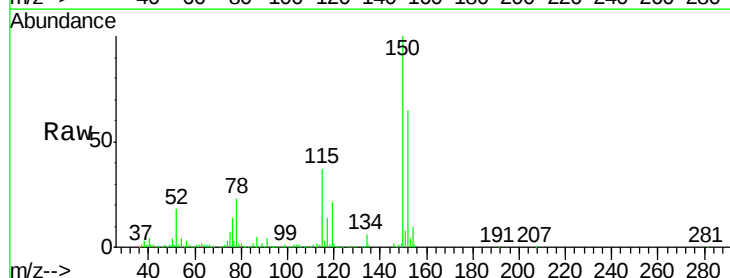
Tgt Ion:152 Resp: 188857

Ion Ratio Lower Upper

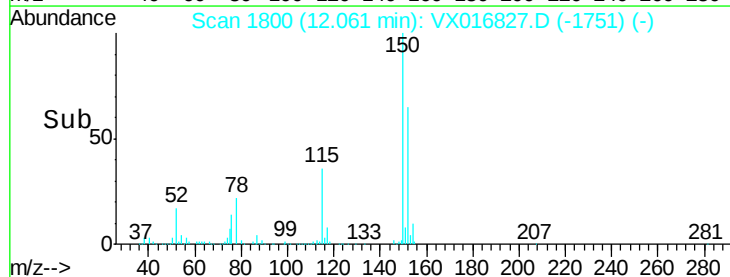
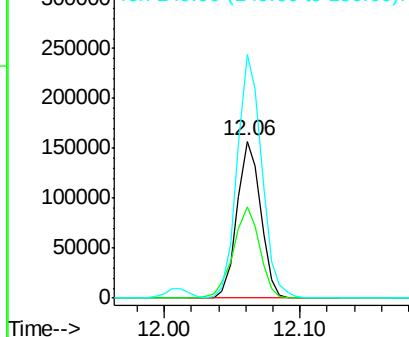
152 100

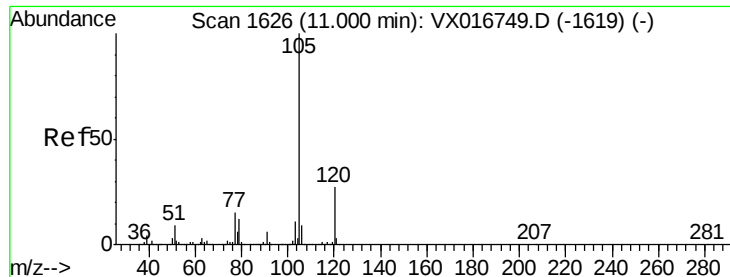
115 64.7 40.3 120.8

150 162.9 0.0 337.4



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: 21.013 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion:105 Resp: 260392

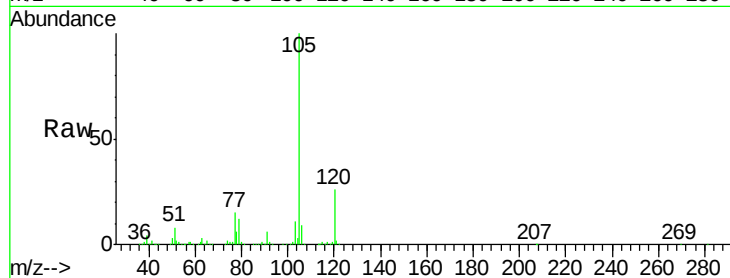
Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5

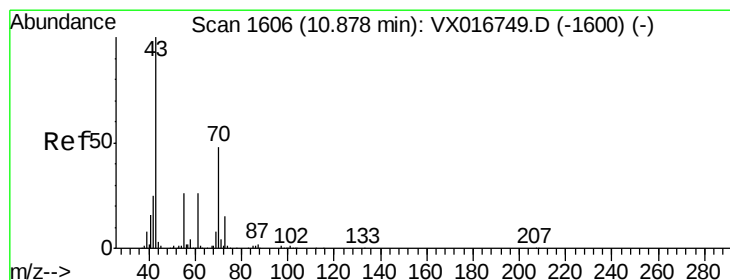
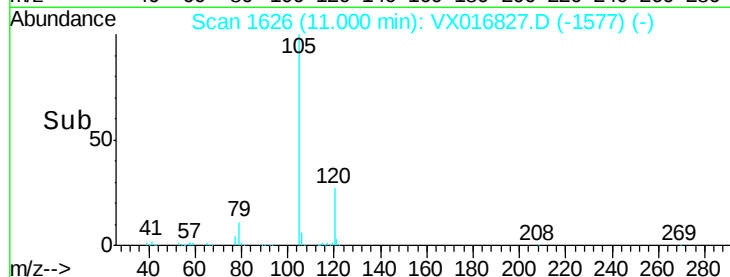
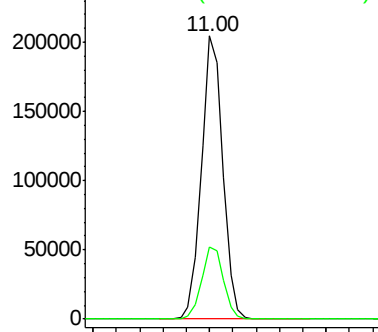
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.163 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Tgt Ion: 43 Resp: 106742

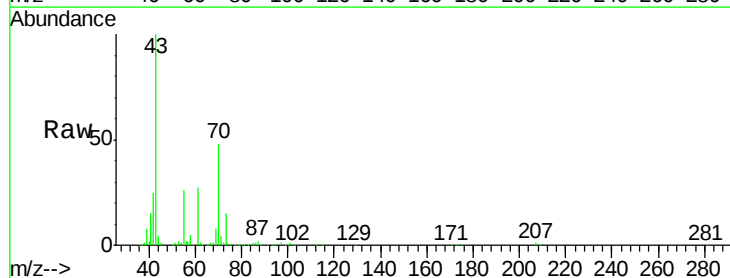
Ion Ratio Lower Upper

43 100

70 48.2 39.8 59.6

55 27.2 21.7 32.5

61 27.3 21.6 32.4

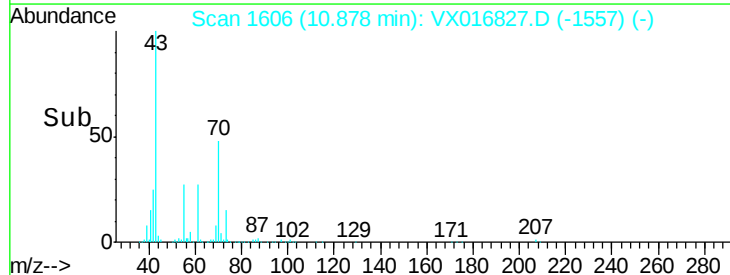
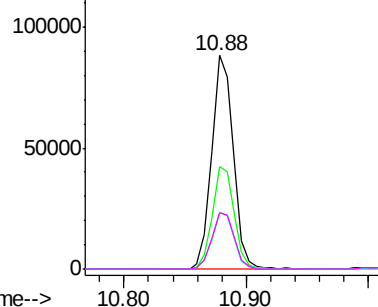


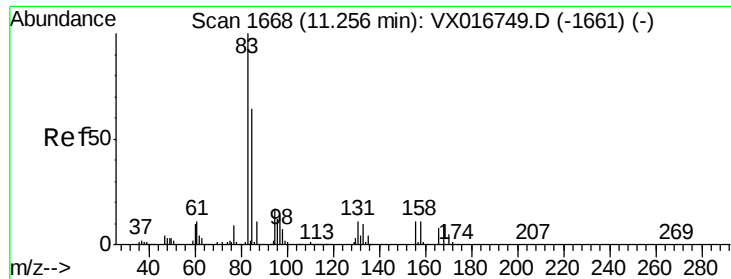
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.857 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

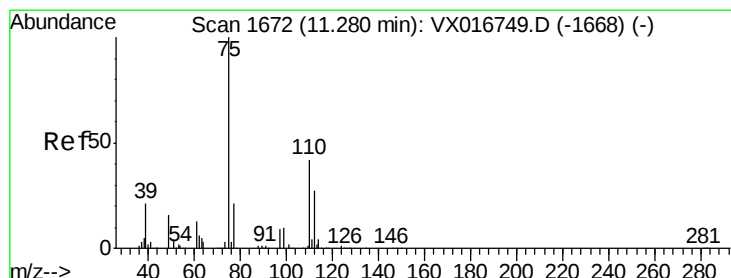
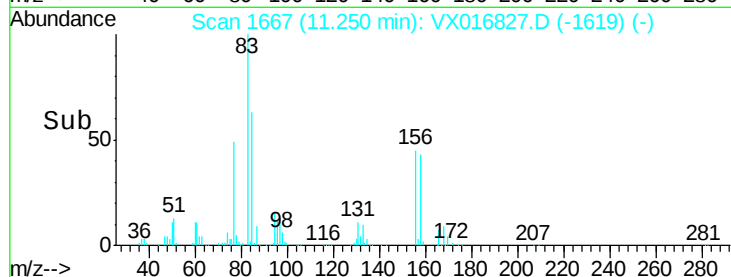
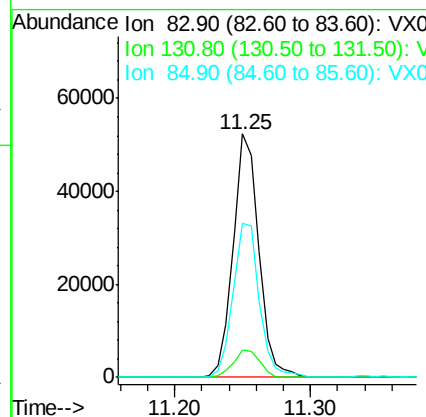
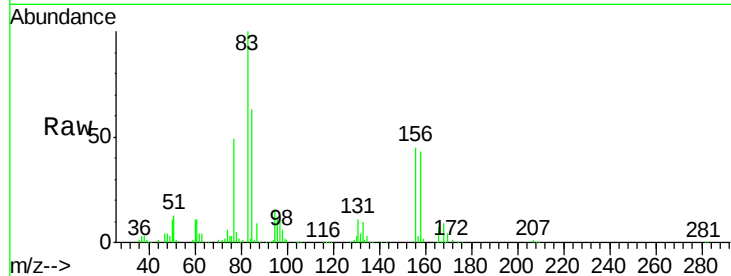
ClientSampleId :

VX0617WBS04

Tot Ion:	83	Resp:	68737
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.7	17.0
85	64.9	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.989 ug/l m

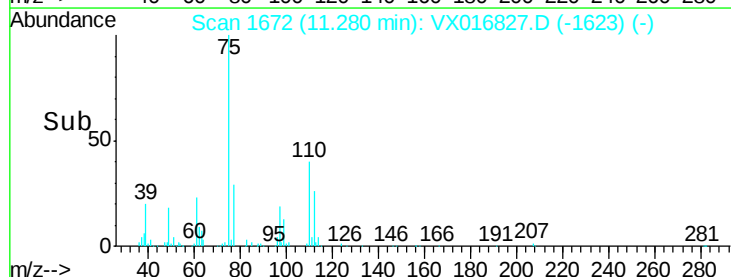
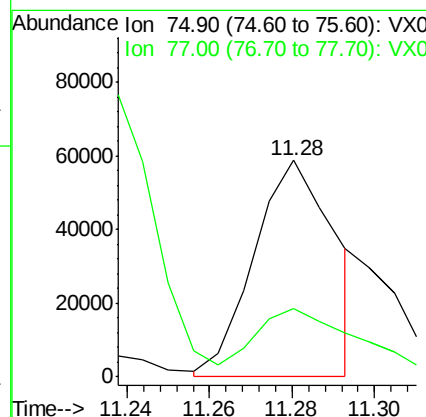
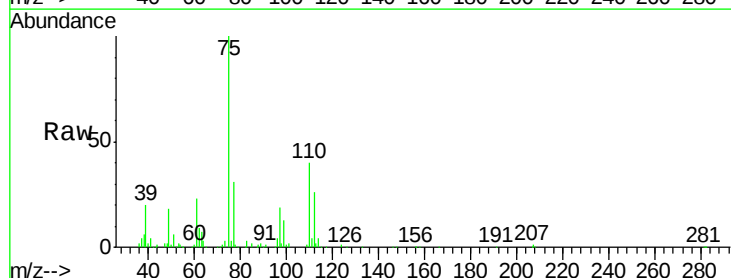
RT: 11.28 min Scan# 1672

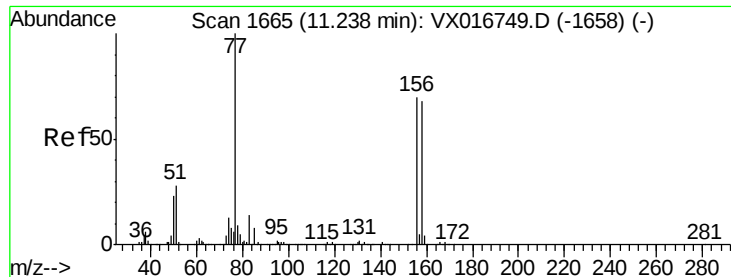
Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Tgt Ion:	75	Resp:	79388
Ion Ratio	Lower	Upper	
75	100		
77	41.1	20.3	60.9





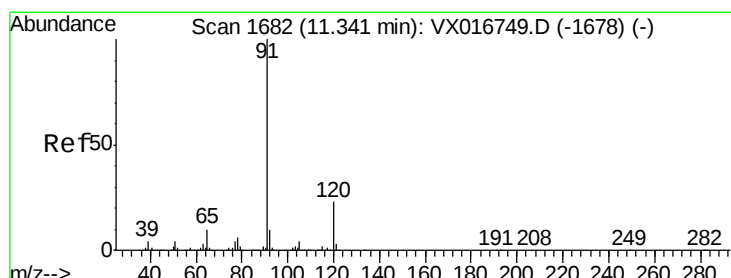
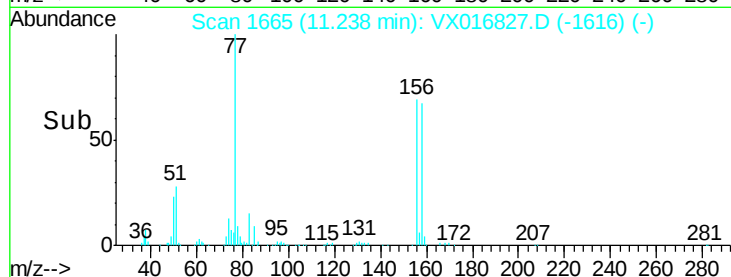
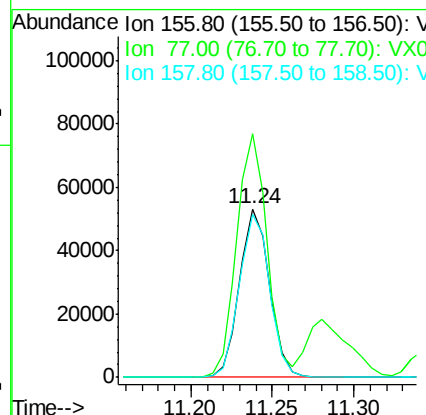
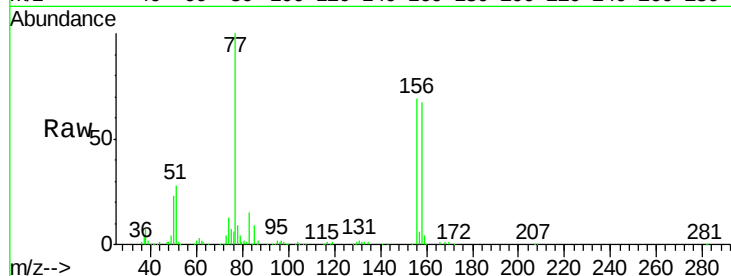
#77
Bromobenzene
Concen: 19.480 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	145.9	73.2	219.6	
158	98.0	48.8	146.4	

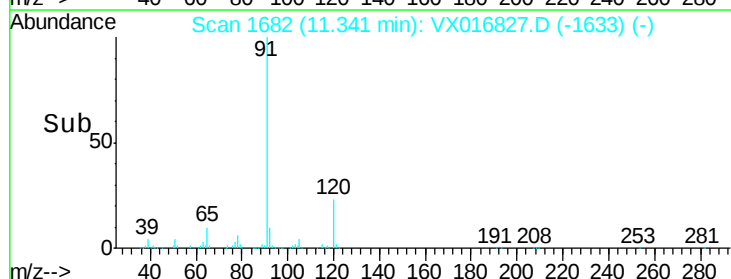
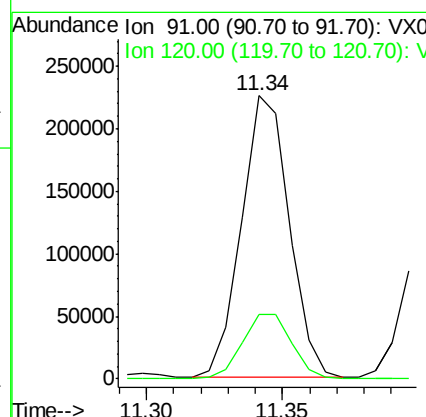
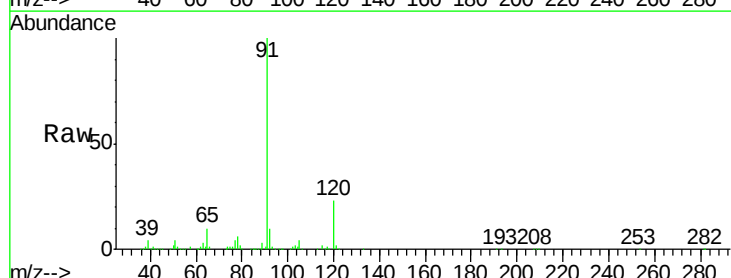
Manual Integrations
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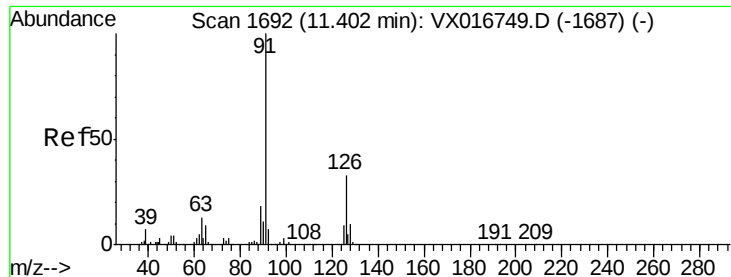
MMDadoda
6/18/2020 11:17:25 AM



#78
n-propylbenzene
Concen: 20.467 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.9	12.0	36.0	





#79

2-Chlorotoluene

Concen: 19.806 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion: 91 Resp: 168550

Ion Ratio Lower Upper

91 100

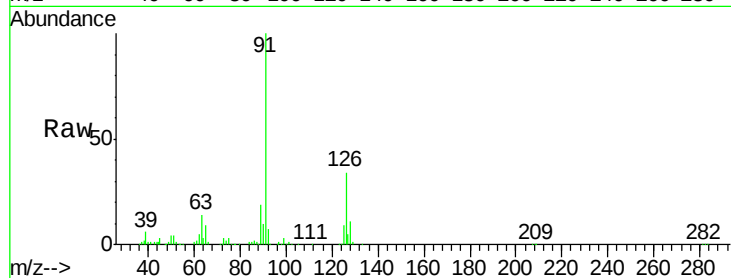
126 35.0 17.2 51.5

Manual Integrations

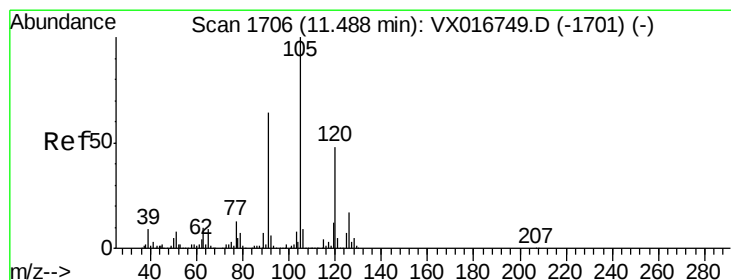
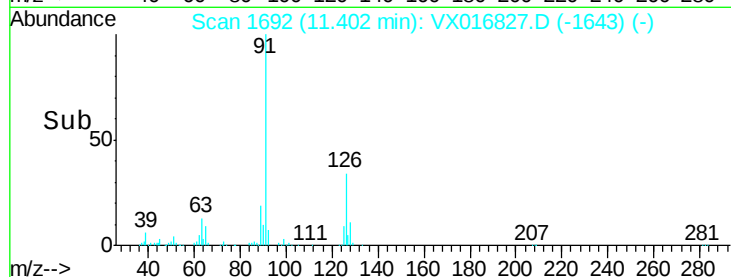
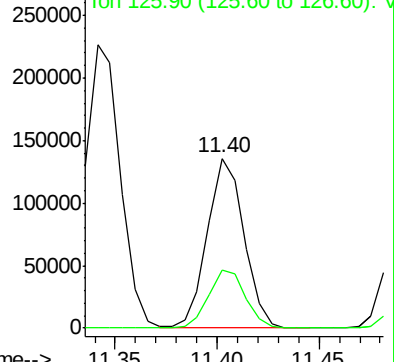
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Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.268 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016827.D

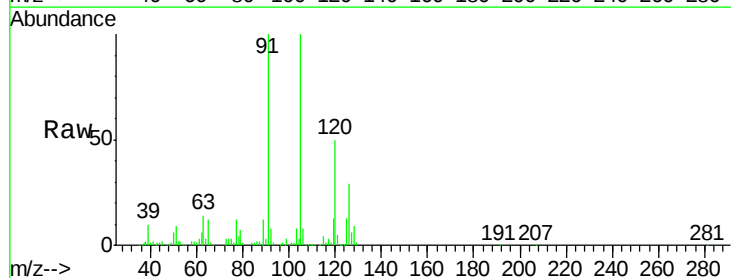
Acq: 17 Jun 2020 19:13

Tgt Ion: 105 Resp: 210549

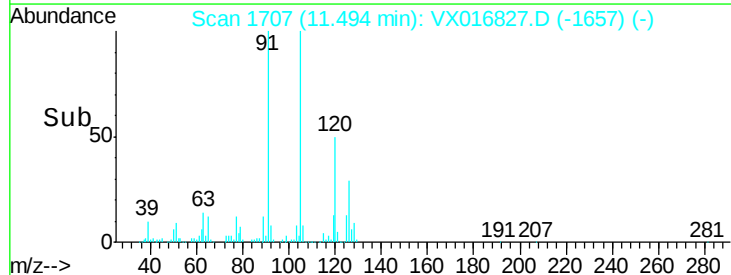
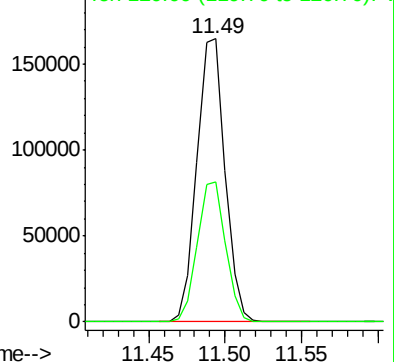
Ion Ratio Lower Upper

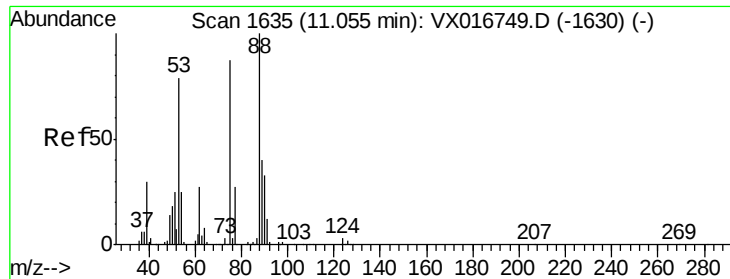
105 100

120 49.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.283 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

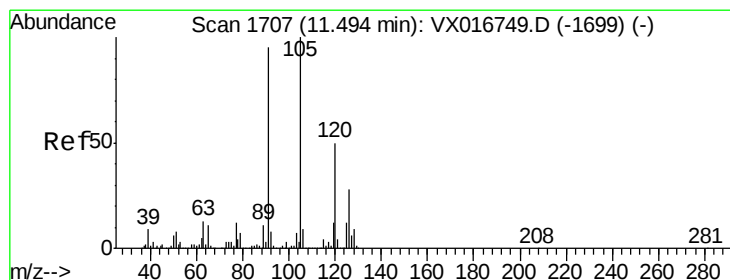
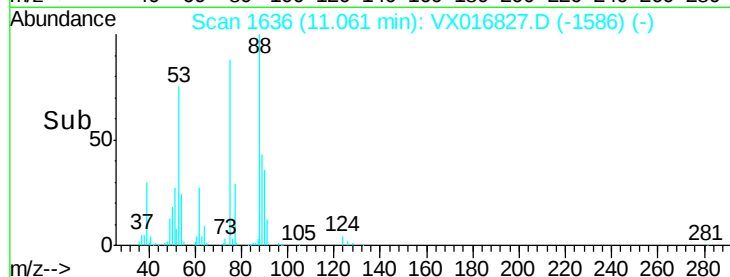
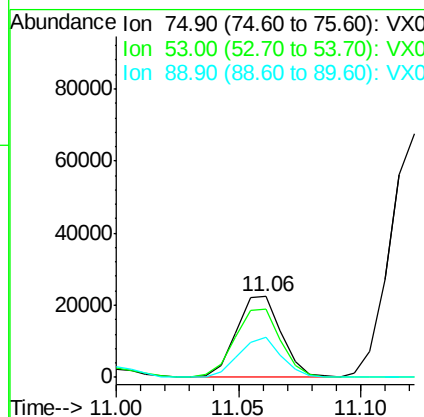
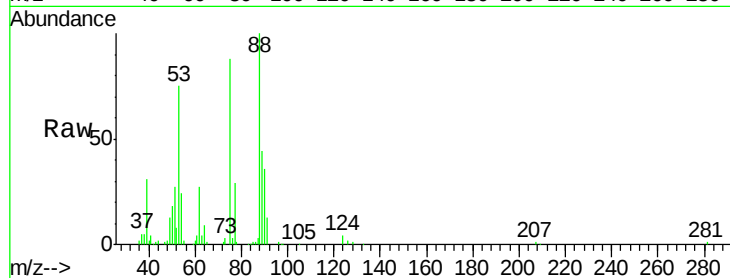
ClientSampleId :

VX0617WBS04

Tot Ion:	75	Resp:	28844
Ion	Ratio	Lower	Upper
75	100		
53	86.7	71.4	107.0
89	47.2	39.1	58.7

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#82

4-Chlorotoluene

Concen: 19.988 ug/l

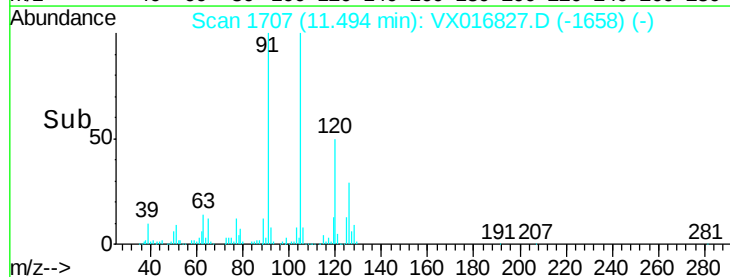
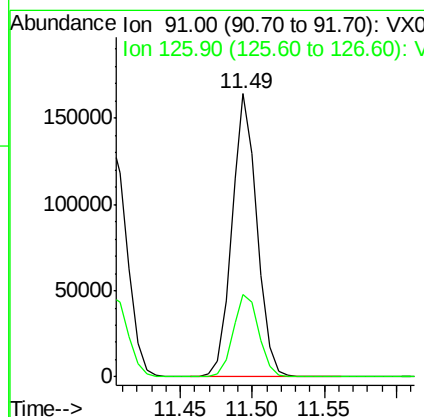
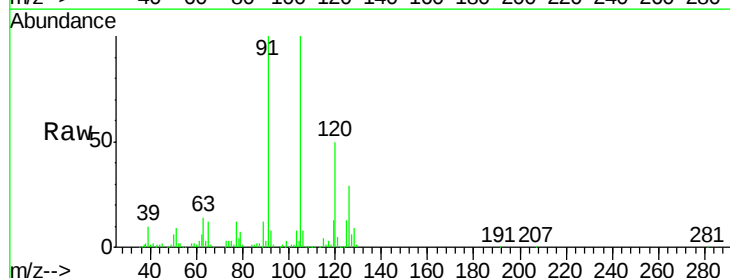
RT: 11.49 min Scan# 1707

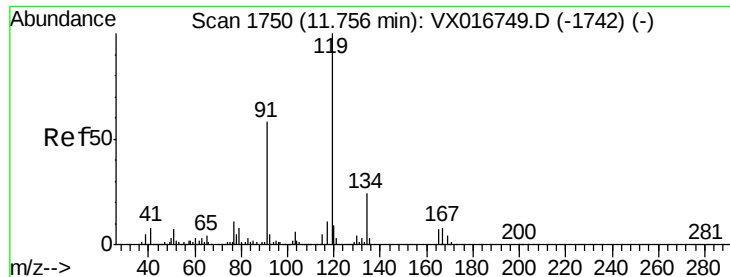
Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Tgt Ion:	91	Resp:	199101
Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.2	45.6





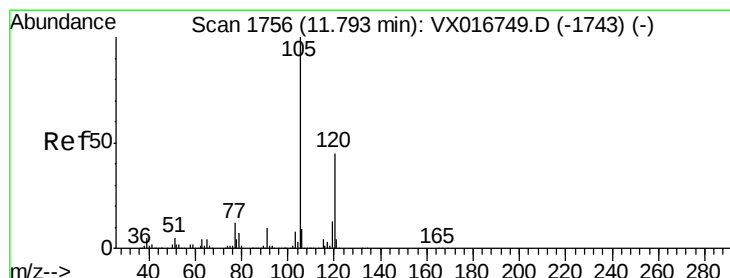
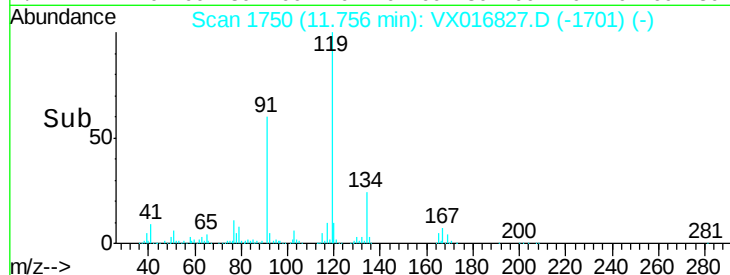
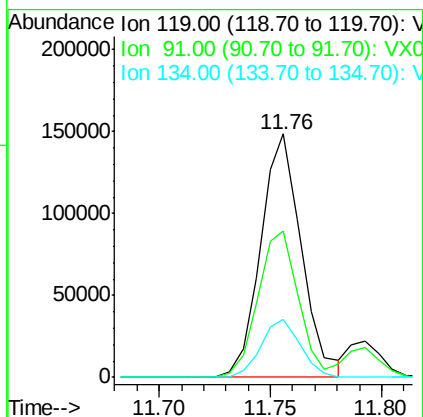
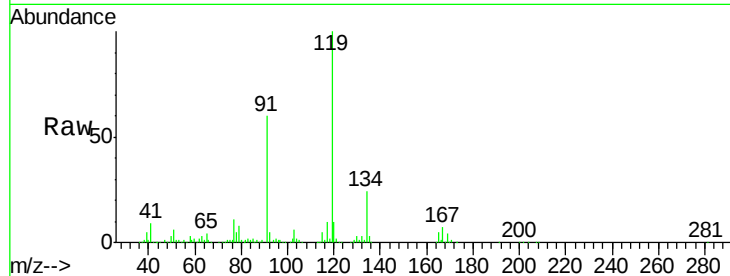
#83
 tert-Butylbenzene
 Concen: 19.852 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS04

Tot Ion	Ratio	Resp	Lower	Upper
119	100	188701		
91	59.7	29.3	88.0	
134	23.3	11.8	35.3	

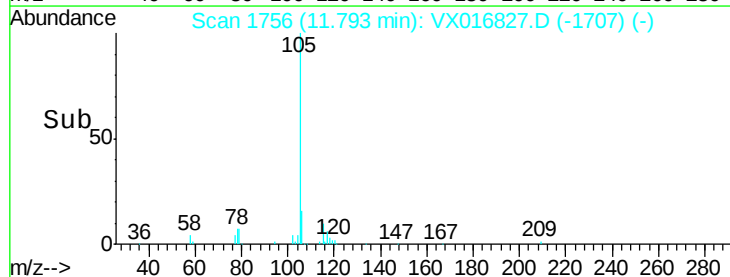
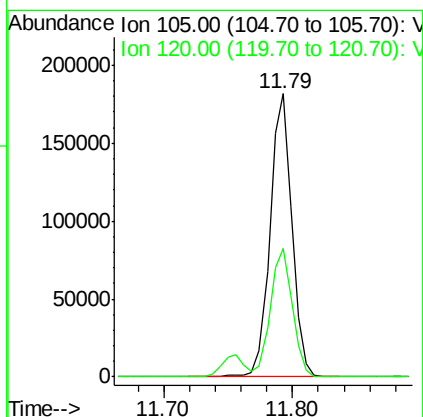
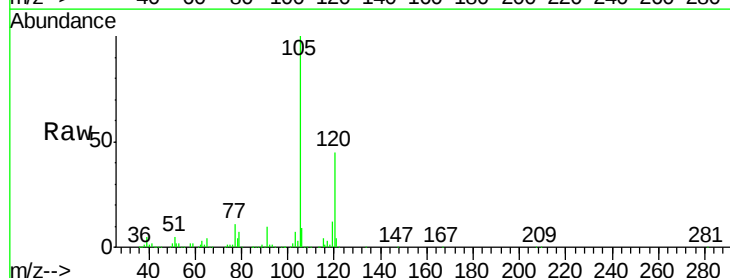
Manual Integrations
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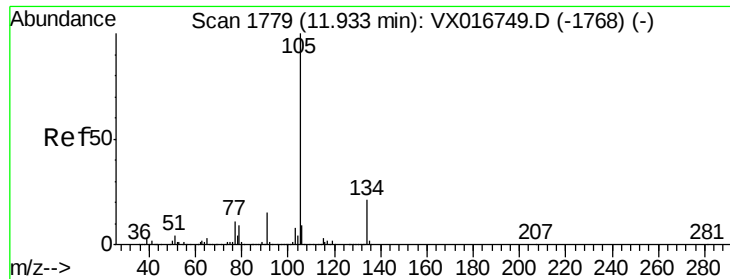
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.423 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	214611		
120	45.8	22.6	67.8	





#85

sec-Butylbenzene

Concen: 20.243 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS04

Tot Ion:105 Resp: 225075

Ion Ratio Lower Upper

105 100

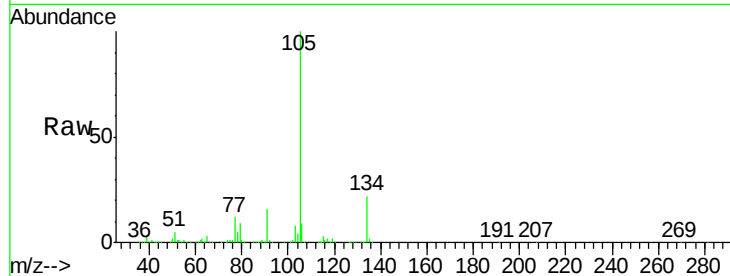
134 20.8 10.3 30.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

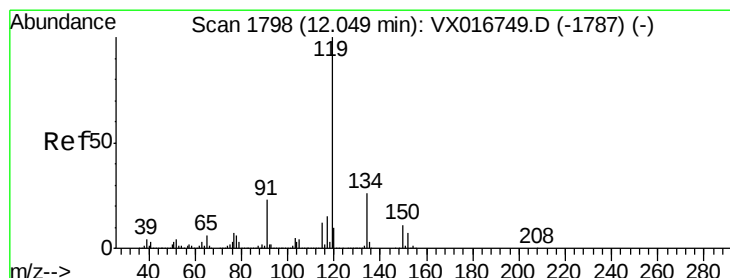
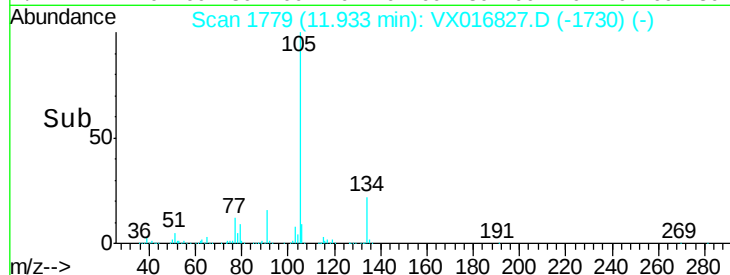
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.398 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016827.D

Acq: 17 Jun 2020 19:13

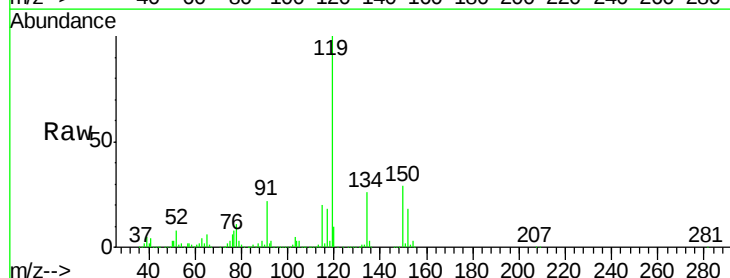
Tgt Ion:119 Resp: 217610

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 22.7 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

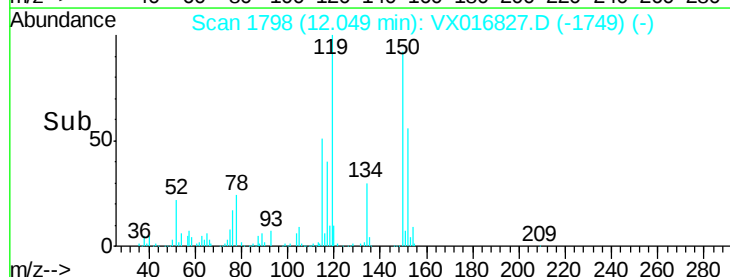
150000

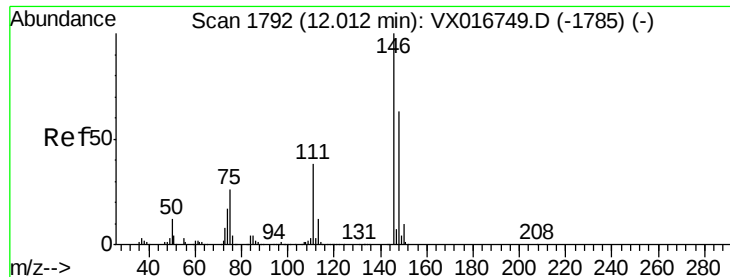
100000

50000

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Time-->





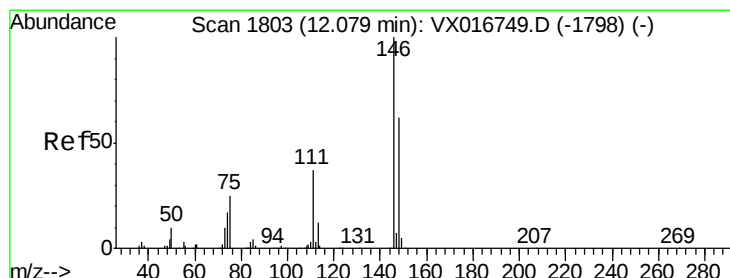
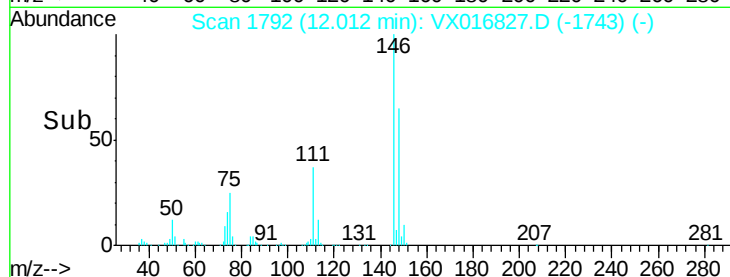
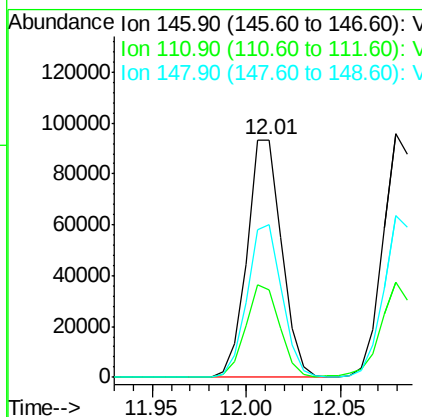
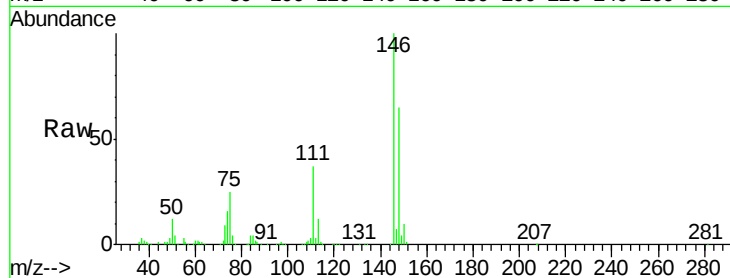
#87
 1,3-Dichlorobenzene
 Concen: 20.203 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS04

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.8	59.3
148	64.1	31.9	95.7

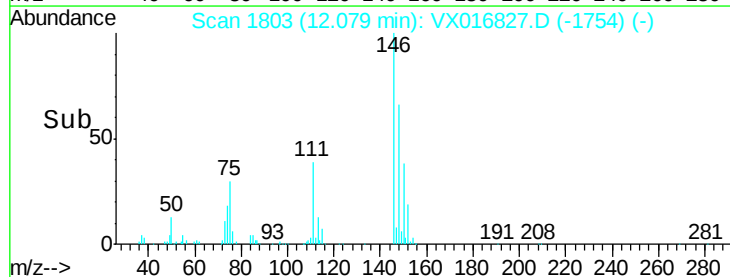
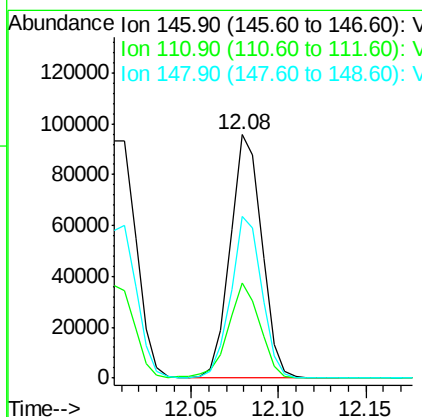
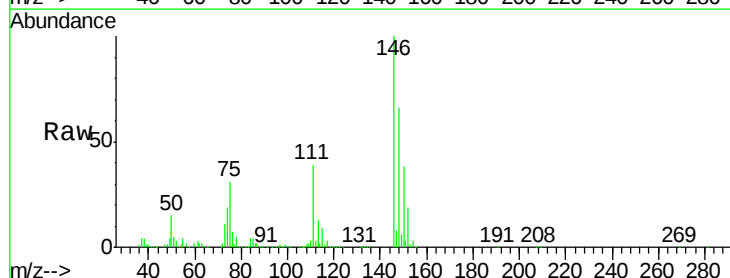
Manual Integrations
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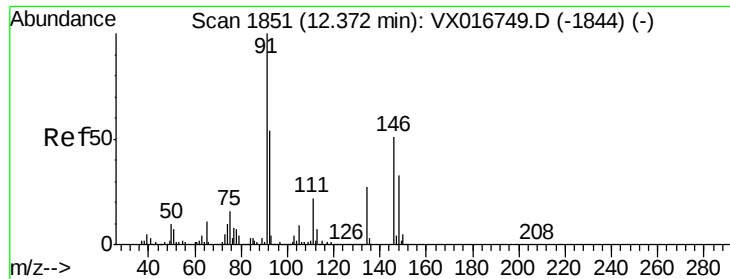
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 6/18/2020 11:17:25 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.603 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.8
148	65.4	32.1	96.5





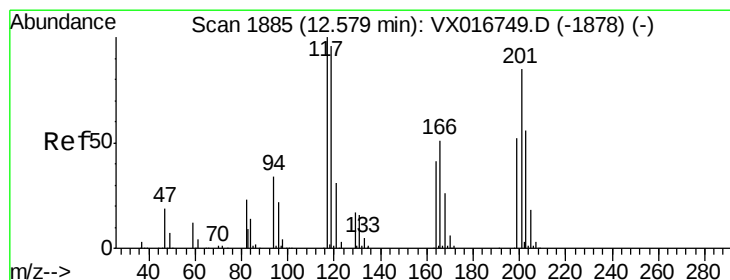
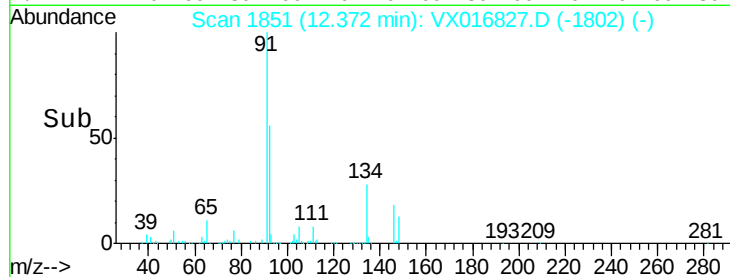
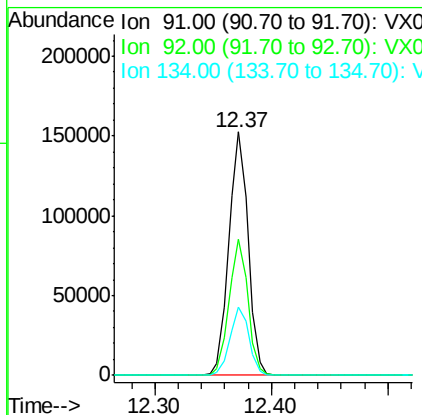
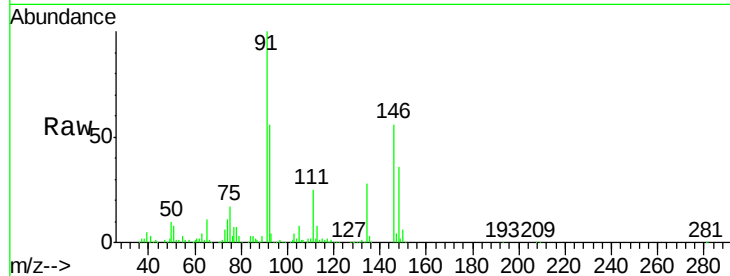
#89
n-Butylbenzene
Concen: 19.887 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.0	80.8
134	27.9	13.7	41.0

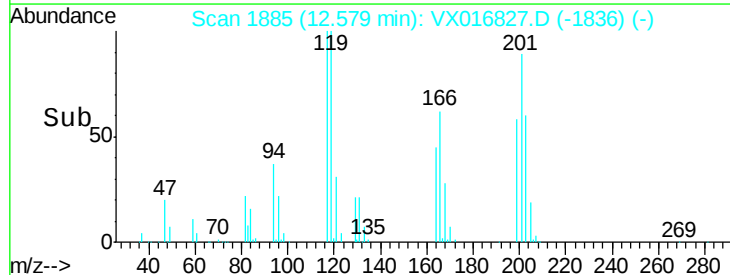
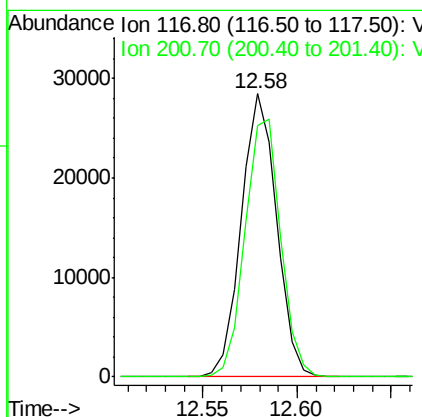
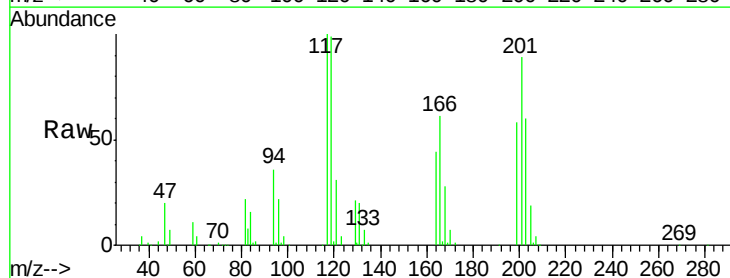
Manual Integrations
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#90
Hexachloroethane
Concen: 18.736 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.3	45.6	136.9





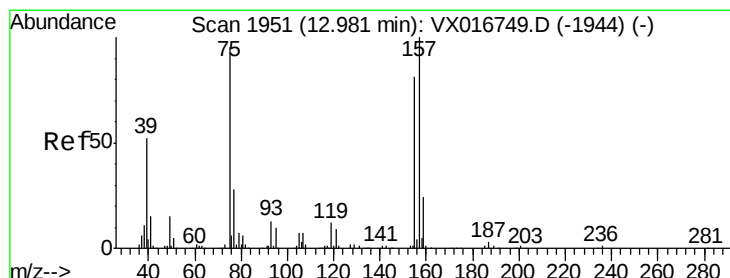
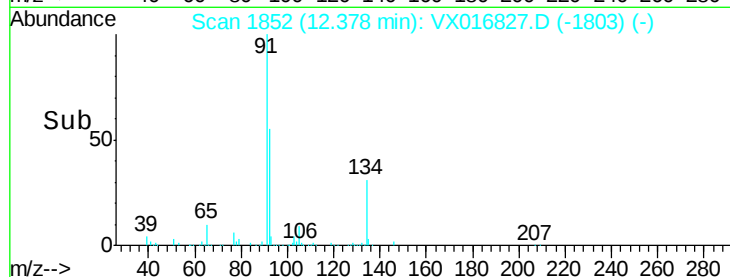
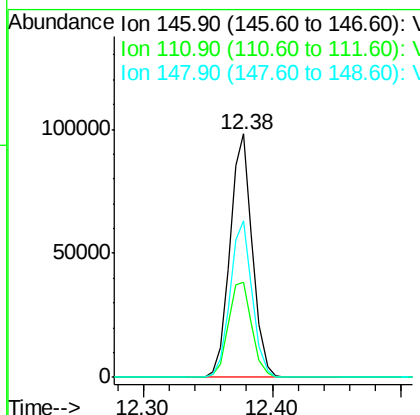
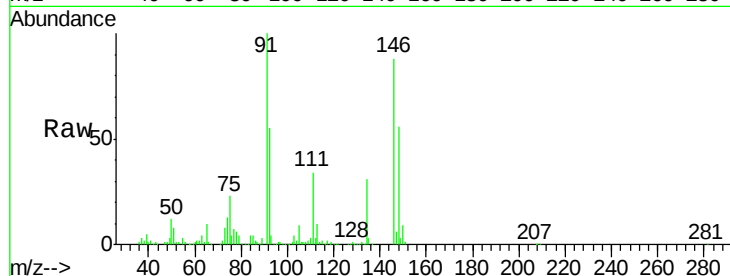
#91
 1,2-Dichlorobenzene
 Concen: 20.125 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS04

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.3	20.8	62.2	
148	63.8	32.1	96.5	

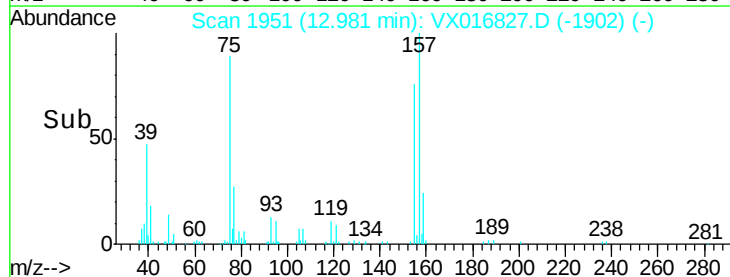
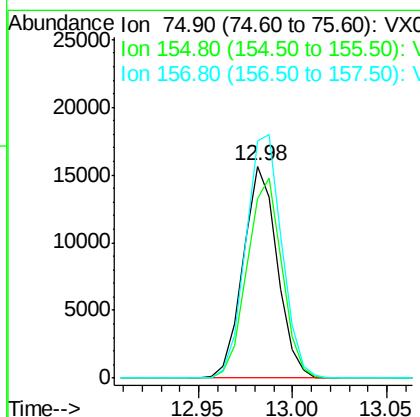
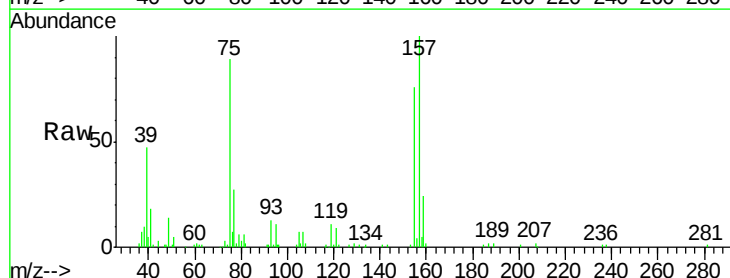
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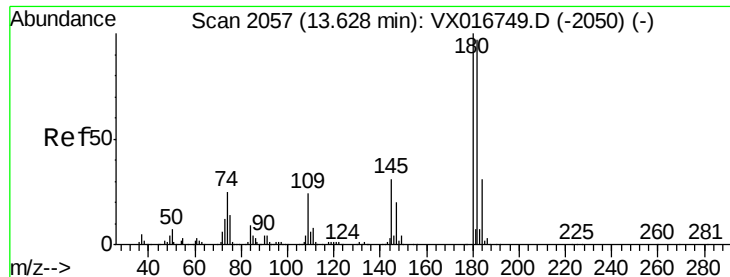
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.249 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	96.2	46.9	140.7	
157	121.3	59.6	178.7	





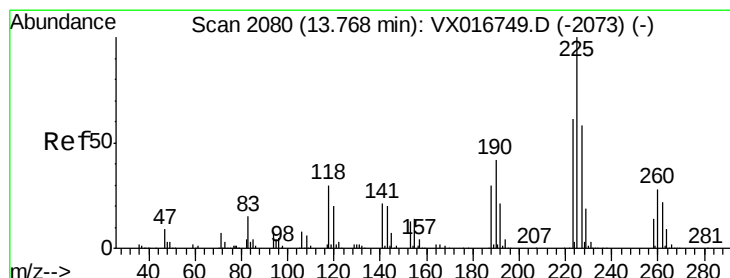
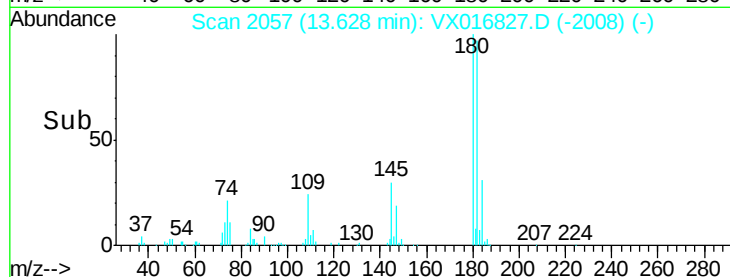
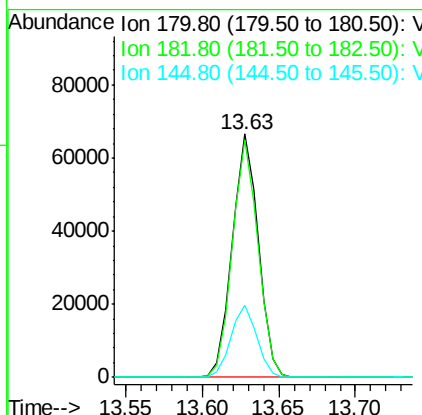
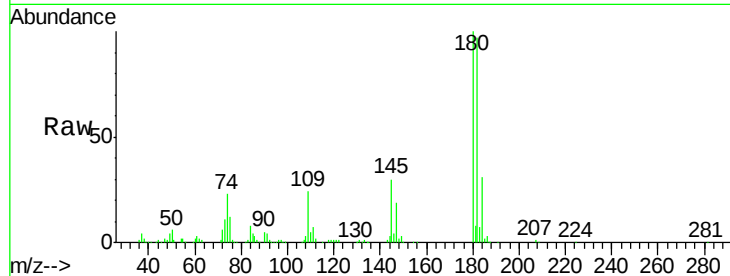
#93
 1,2,4-Trichlorobenzene
 Concen: 18.978 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS04

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.6	145.8
145	29.5	15.4	46.4

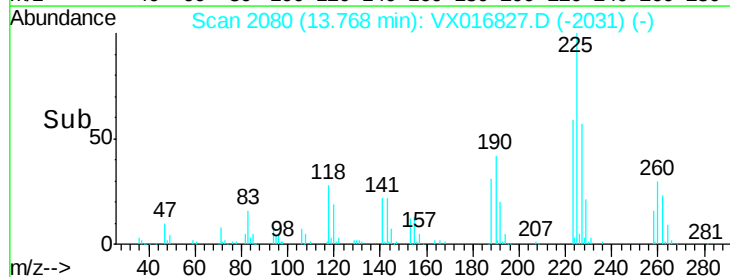
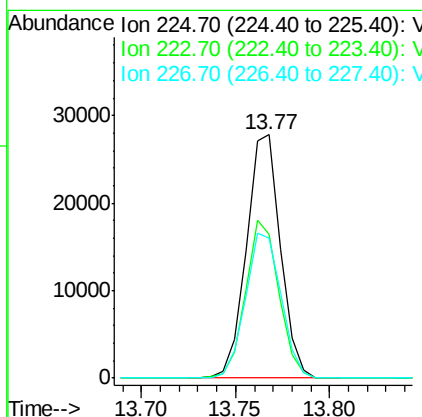
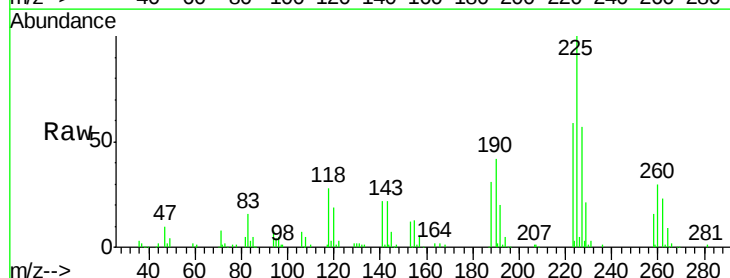
Manual Integrations
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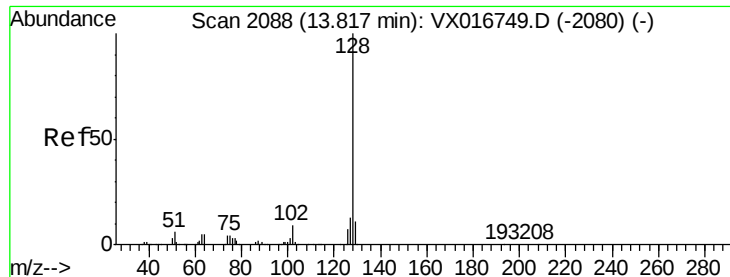
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#94
 Hexachlorobutadiene
 Concen: 19.342 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016827.D
 Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.5
227	62.3	30.9	92.7





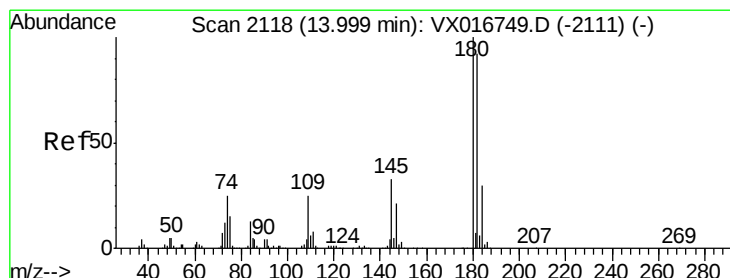
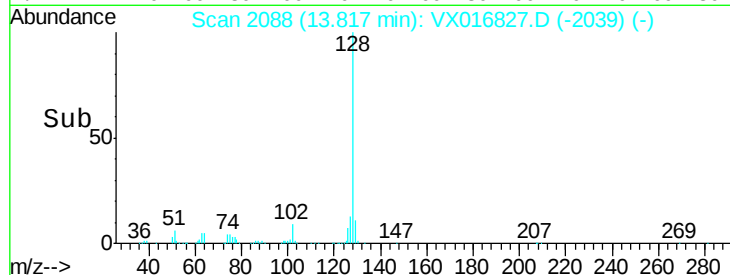
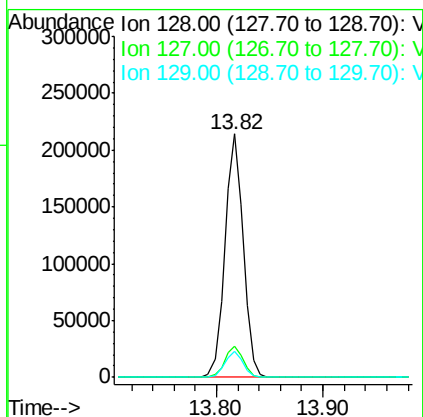
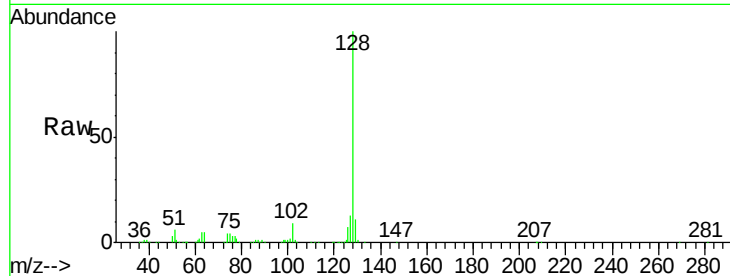
#95
Naphthalene
Concen: 19.808 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS04

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.819 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016827.D
Acq: 17 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.1	141.4
145	32.5	15.9	47.7

