

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122019\
 Data File : VV014148.D
 Acq On : 20 Dec 2019 11:57
 Operator : SY/MD
 Sample : K6286-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDZ0

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	3	8	24	rVB	2672824	2379473	62.73%	10.441%
2	1.225	36	42	49	rVB	208403	180002	4.75%	0.790%
3	1.312	60	69	78	rBV2	1040966	1538323	40.55%	6.750%
4	1.428	100	105	117	rVB	121831	133135	3.51%	0.584%
5	1.582	140	153	163	rVB2	217381	290335	7.65%	1.274%
6	1.650	166	174	185	rVB2	133070	163773	4.32%	0.719%
7	1.724	191	197	204	rBV	34311	40574	1.07%	0.178%
8	1.782	206	215	222	rVV2	221846	288707	7.61%	1.267%
9	1.823	222	228	247	rVB3	201278	334951	8.83%	1.470%
10	2.000	276	283	291	rVB	64645	85450	2.25%	0.375%
11	2.129	311	323	335	rBV2	359200	533681	14.07%	2.342%
12	2.193	335	343	354	rVB2	24262	43995	1.16%	0.193%
13	2.473	416	430	438	rBV4	27337	65936	1.74%	0.289%
14	2.794	518	530	545	rBV4	47249	91030	2.40%	0.399%
15	2.984	577	589	606	rVB4	58953	127985	3.37%	0.562%
16	3.077	606	618	629	rVB3	27634	55113	1.45%	0.242%
17	3.232	659	666	688	rVB4	23767	62238	1.64%	0.273%
18	3.955	869	891	914	rBV2	535644	1605161	42.32%	7.043%
19	4.399	1011	1029	1047	rBV	263730	647344	17.07%	2.840%
20	5.093	1225	1245	1274	rBV2	569426	1448812	38.19%	6.357%
21	5.659	1406	1421	1448	rBV	556532	1122181	29.58%	4.924%
22	5.955	1496	1513	1536	rBV	1994628	3793318	100.00%	16.645%
23	6.113	1549	1562	1578	rBV	332261	652557	17.20%	2.863%
24	7.026	1832	1846	1860	rBV	159896	286409	7.55%	1.257%
25	7.354	1934	1948	1964	rBV	615998	1089465	28.72%	4.780%
26	7.659	2033	2043	2063	rBV	93805	161239	4.25%	0.708%
27	8.016	2144	2154	2166	rVB2	36773	64952	1.71%	0.285%
28	8.132	2177	2190	2223	rBV	616300	1233152	32.51%	5.411%
29	8.280	2228	2236	2256	rVB2	77071	142106	3.75%	0.624%
30	8.891	2413	2426	2445	rBV	833083	1346123	35.49%	5.907%
31	9.849	2715	2724	2734	rBV6	29193	48879	1.29%	0.214%
32	10.254	2839	2850	2863	rBV	222154	355982	9.38%	1.562%
33	11.193	3132	3142	3155	rBV2	48041	78428	2.07%	0.344%
34	11.289	3158	3172	3192	rVV	742002	1160871	30.60%	5.094%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Title : TRACE VOA SOM01.0

35	11.665	3277	3289	3307	rBV	591333	937379	24.71%	4.113%
36	12.386	3503	3513	3530	rBV	127147	200795	5.29%	0.881%

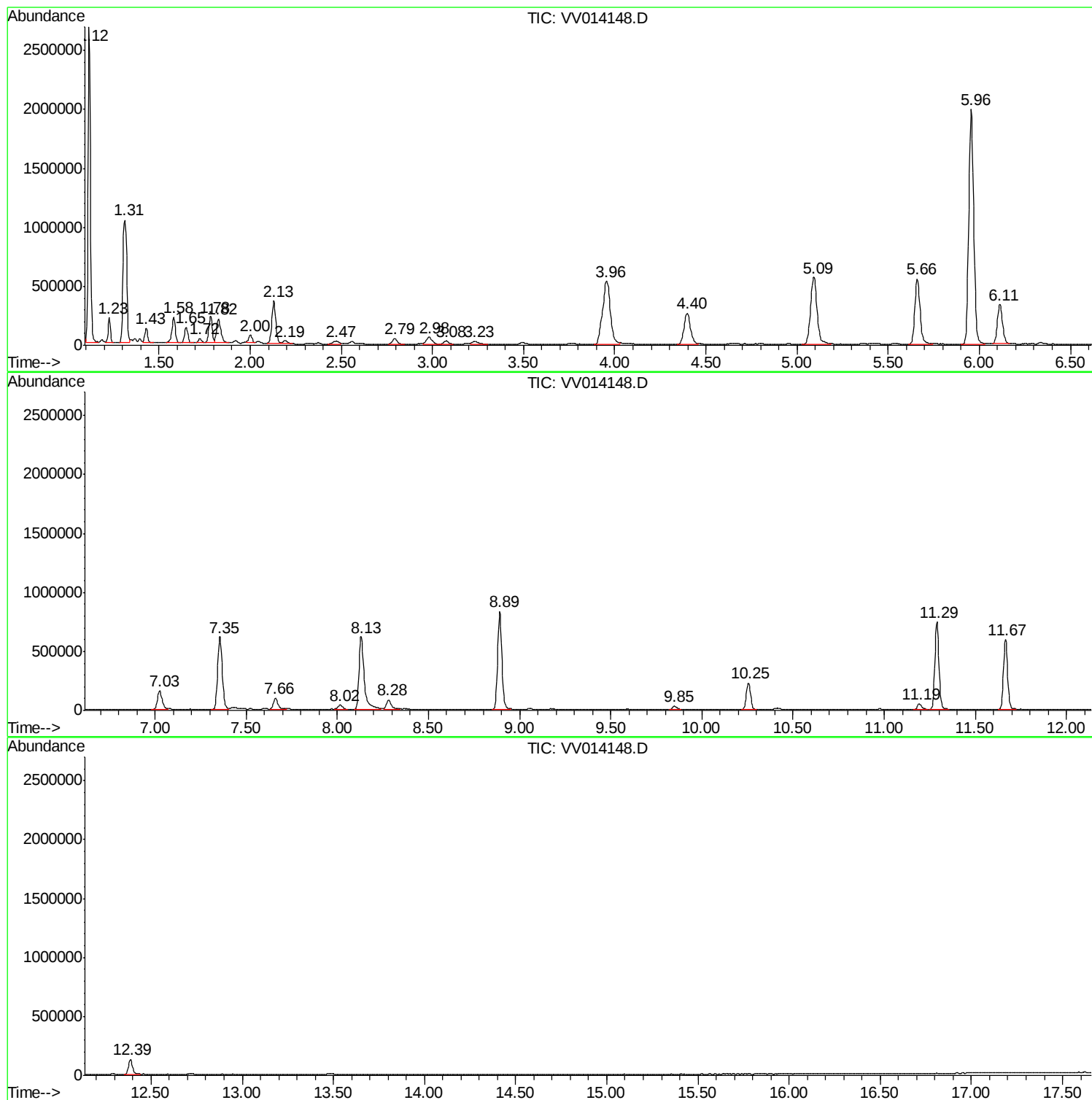
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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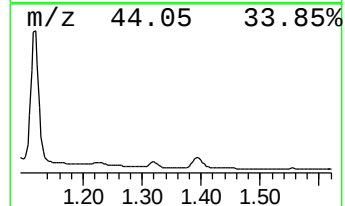
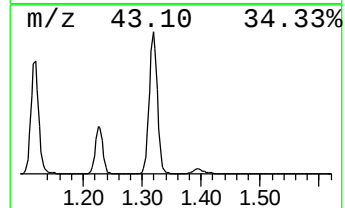
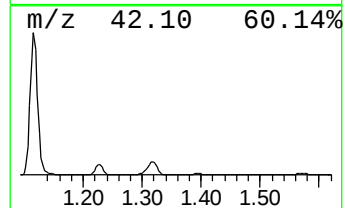
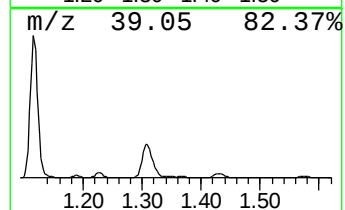
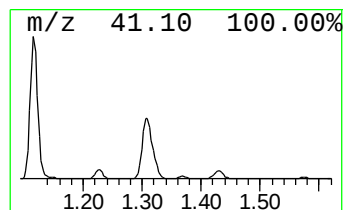
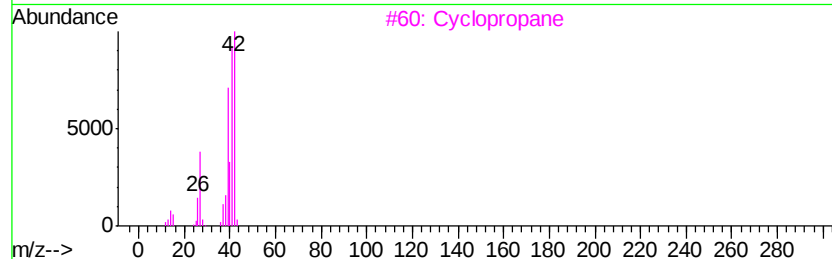
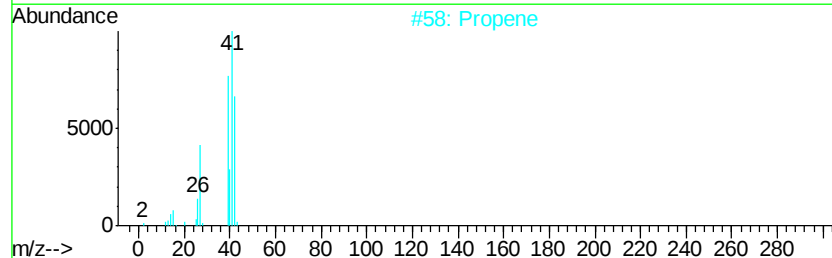
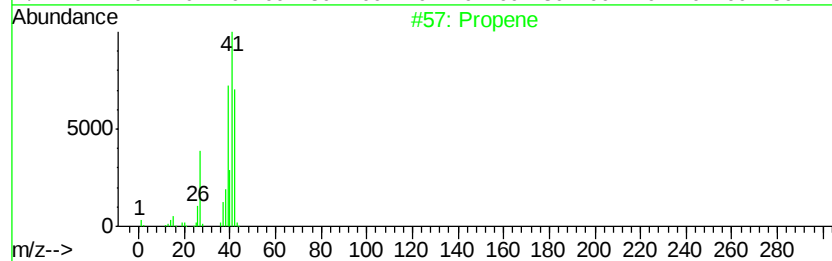
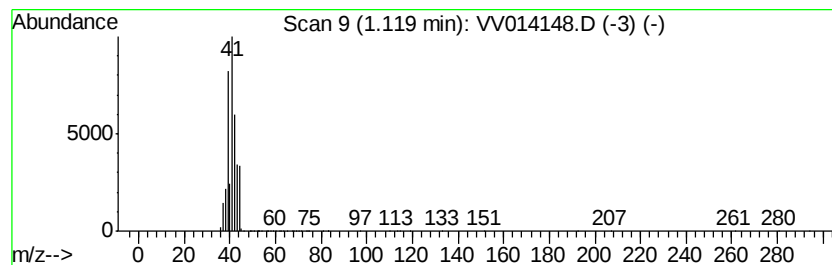
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic1.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	10.60 ug/L	2379470	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	90
2		Propene	42	C3H6	000115-07-1	42
3		Cyclopropane	42	C3H6	000075-19-4	9
4		Cyclopropene	40	C3H4	002781-85-3	9
5		Cyclopropane	42	C3H6	000075-19-4	7



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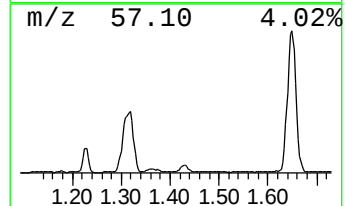
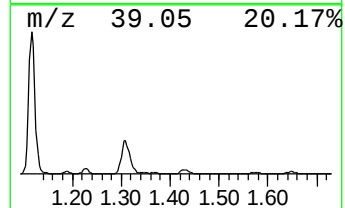
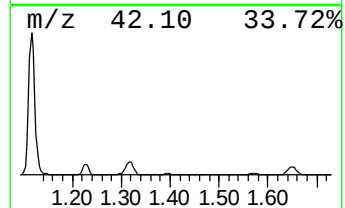
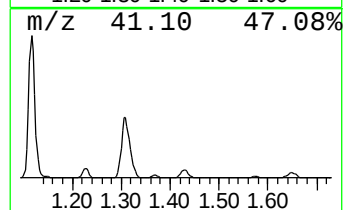
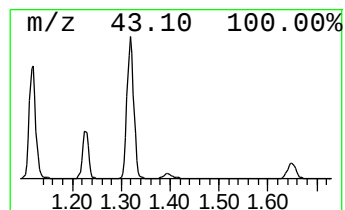
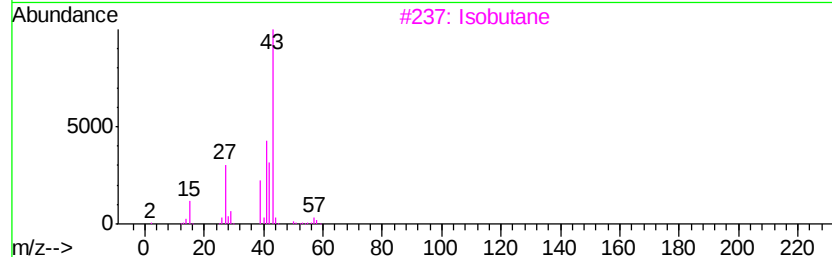
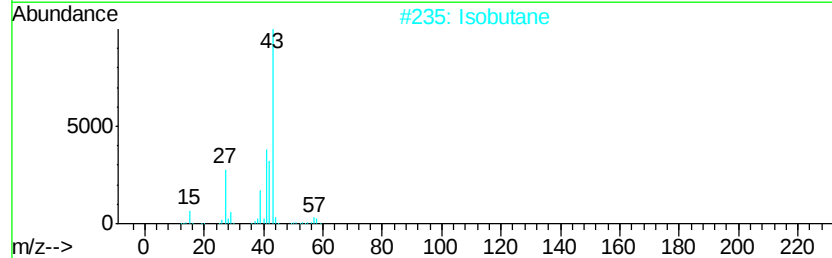
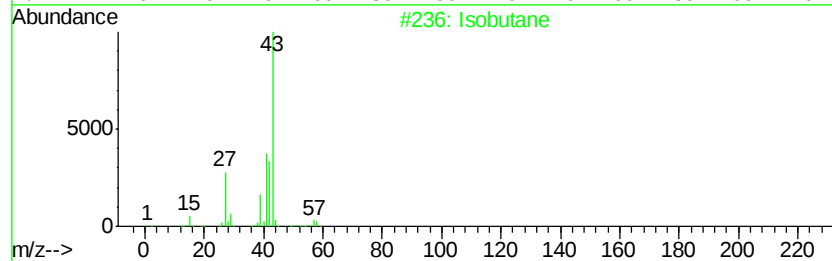
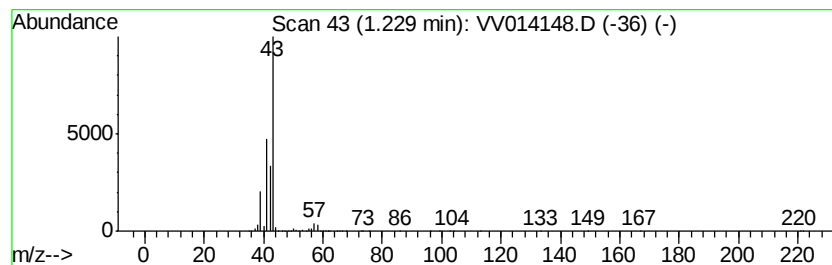
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	0.80 ug/L	180002	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	72
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	64
4		Isobutane	58	C4H10	000075-28-5	59
5		Cyclobutylamine	71	C4H9N	002516-34-9	9



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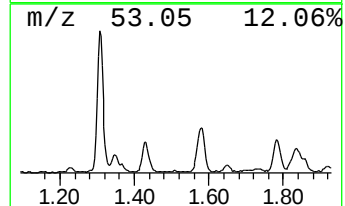
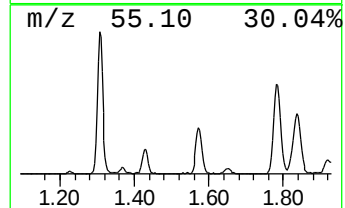
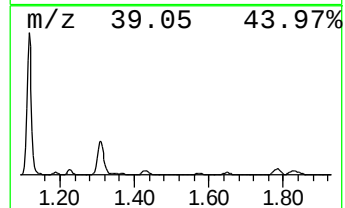
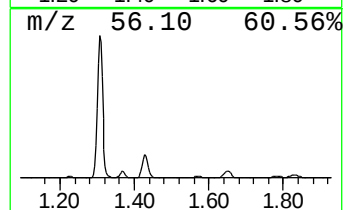
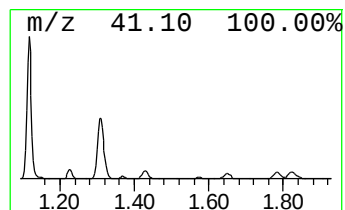
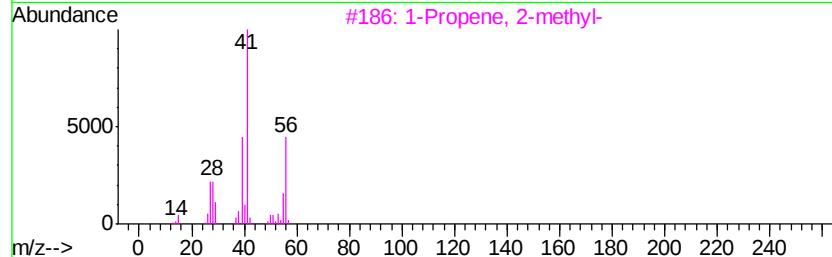
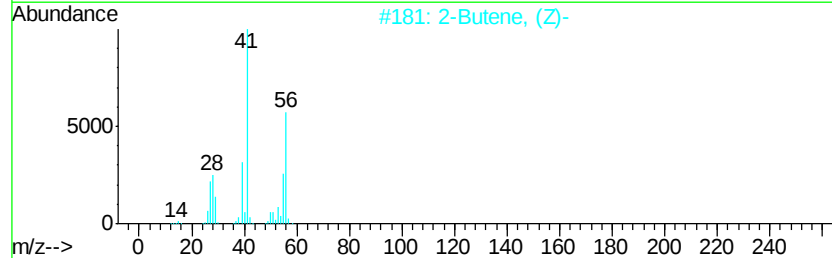
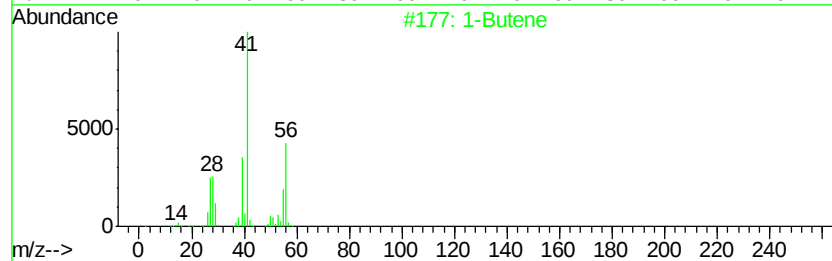
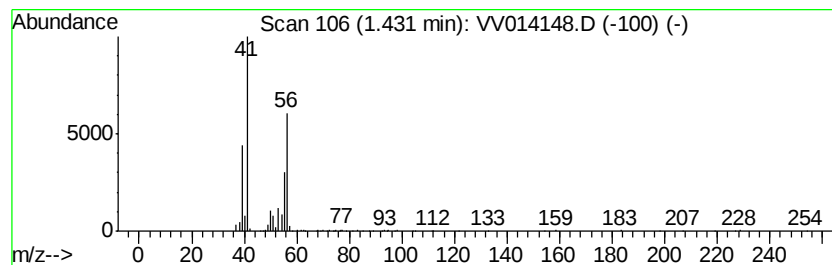
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic1.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	0.59 ug/L	133135	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butene	56	C4H8	000106-98-9	80
2		2-Butene, (Z)-	56	C4H8	000590-18-1	80
3		1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
4		1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
5		2-Butene	56	C4H8	000107-01-7	64



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Instrument :
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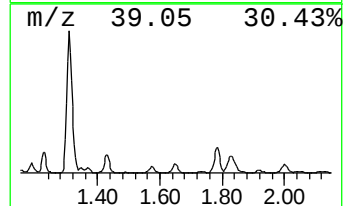
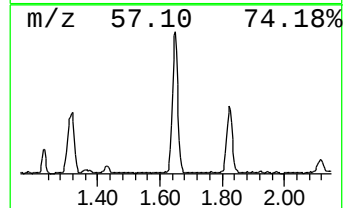
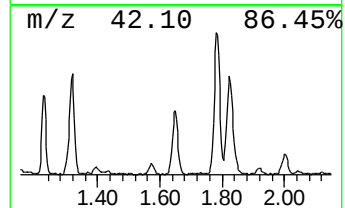
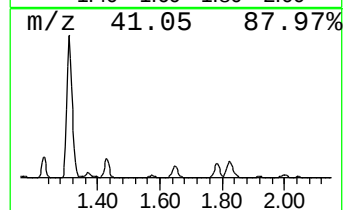
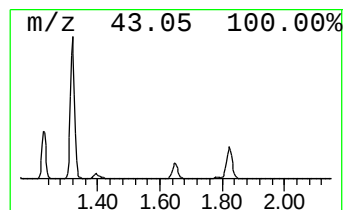
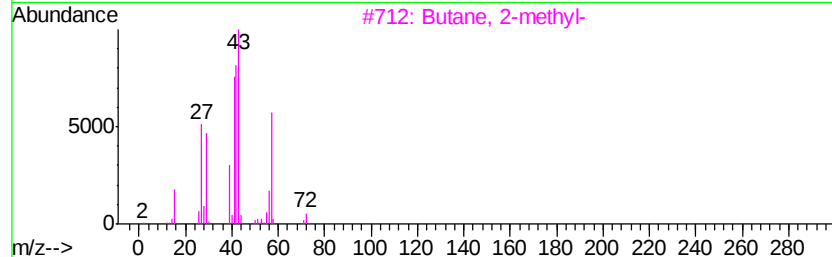
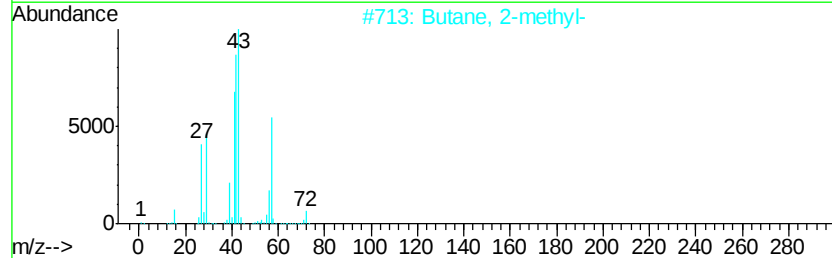
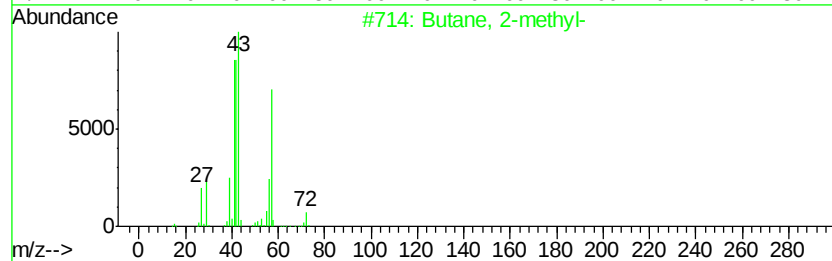
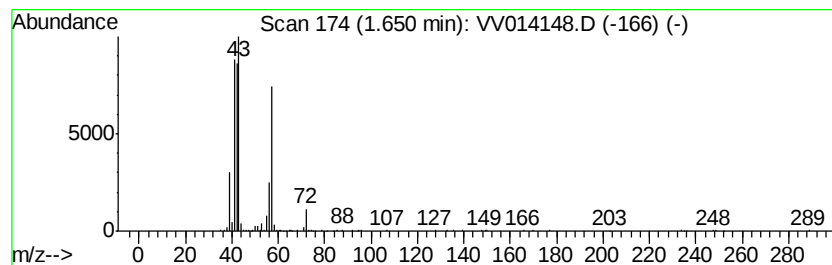
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	0.73 ug/L	163773	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		Butane, 2-methyl-	72	C5H12	000078-78-4	91
3		Butane, 2-methyl-	72	C5H12	000078-78-4	83
4		Pentane	72	C5H12	000109-66-0	42
5		Pentane	72	C5H12	000109-66-0	40



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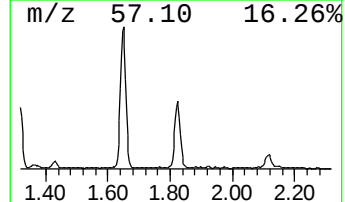
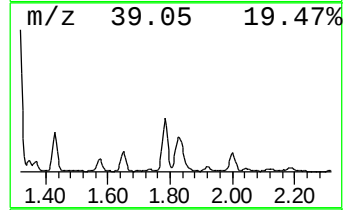
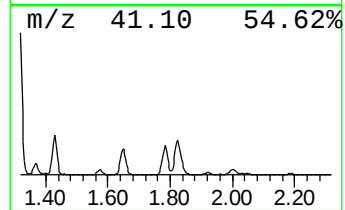
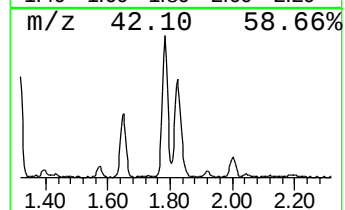
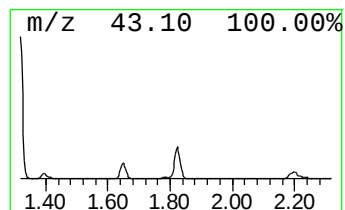
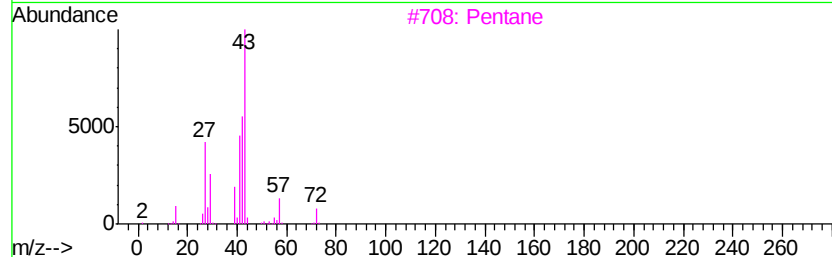
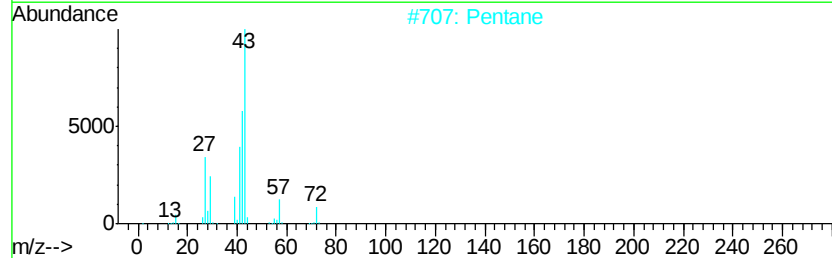
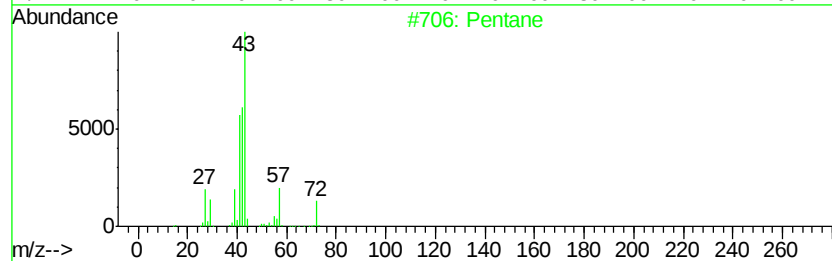
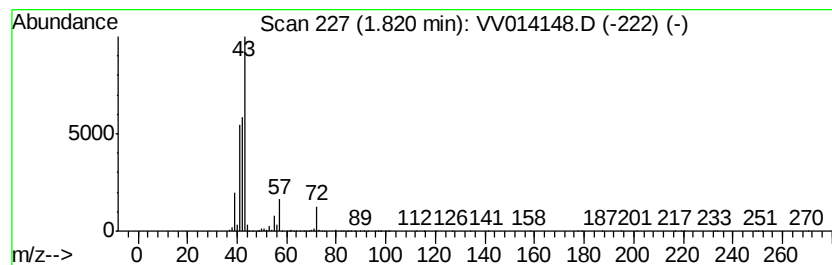
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	1.49 ug/L	334951	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	87
2		Pentane	72	C5H12	000109-66-0	80
3		Pentane	72	C5H12	000109-66-0	80
4		Pentane	72	C5H12	000109-66-0	80
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122019\
Data File : VV014148.D
Acq On : 20 Dec 2019 11:57
Operator : SY/MD
Sample : K6286-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDZ0

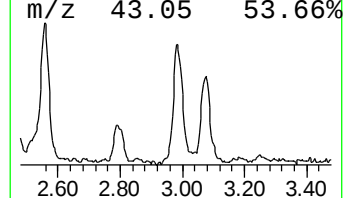
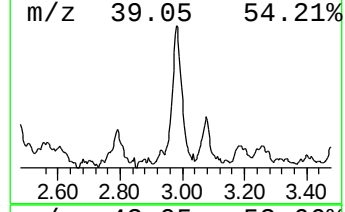
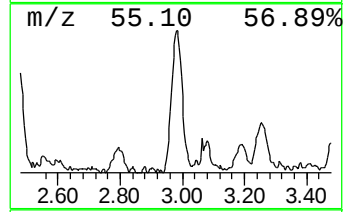
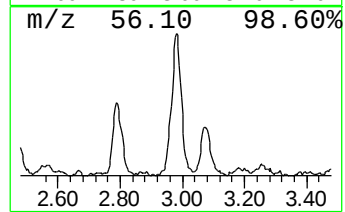
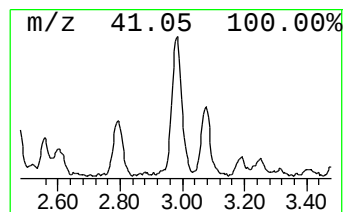
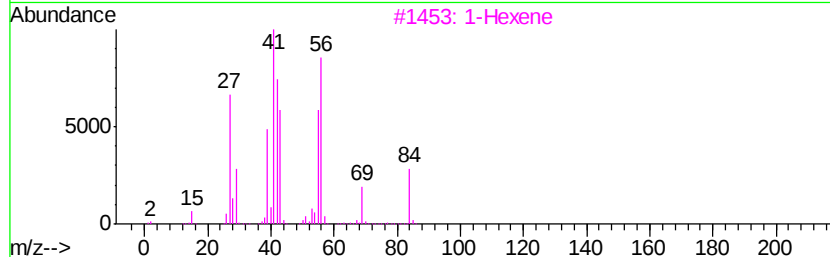
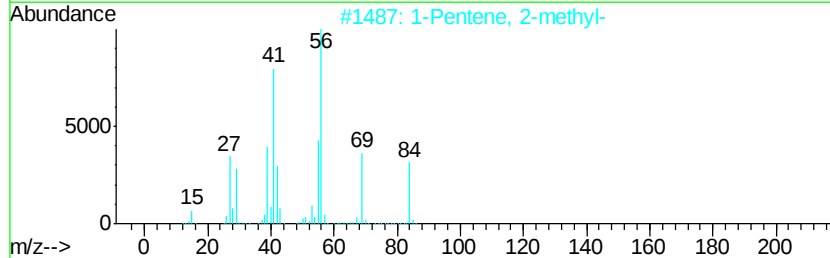
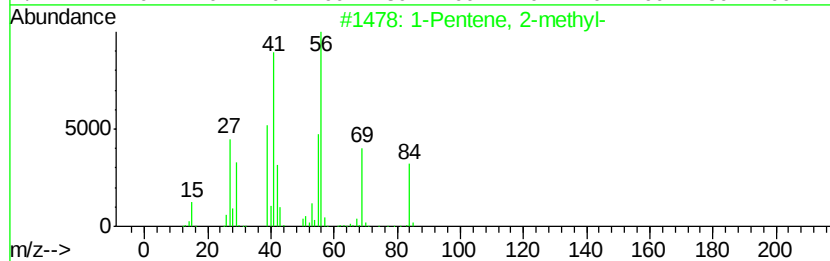
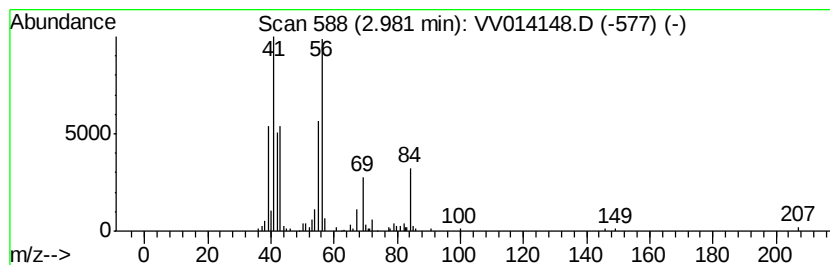
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic2.98 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	0.57 ug/L	127985	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
3		1-Hexene	84	C6H12	000592-41-6	62
4		Cyclopropane, propyl-	84	C6H12	002415-72-7	50
5		Cyclohexane	84	C6H12	000110-82-7	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV122019\
Data File : VV014148.D
Acq On : 20 Dec 2019 11:57
Operator : SY/MD
Sample : K6286-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDZ0

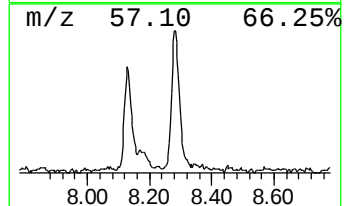
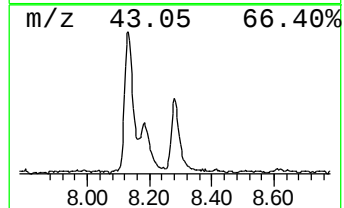
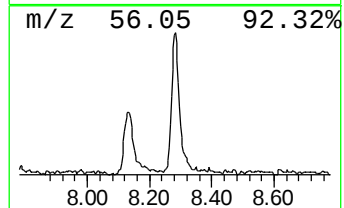
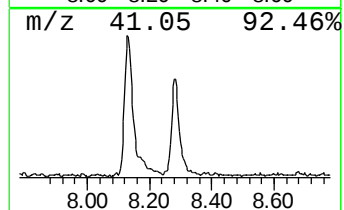
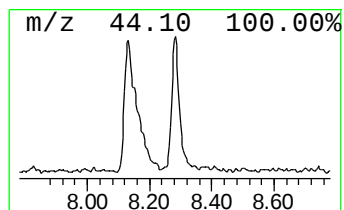
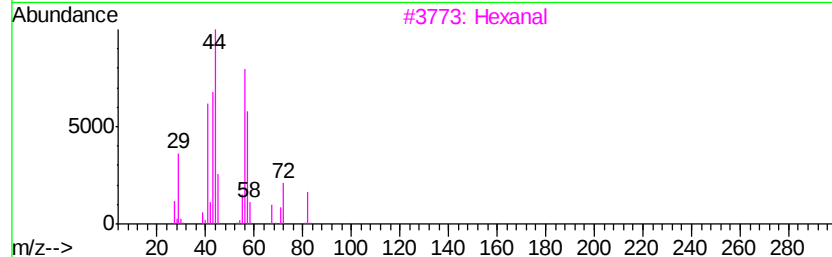
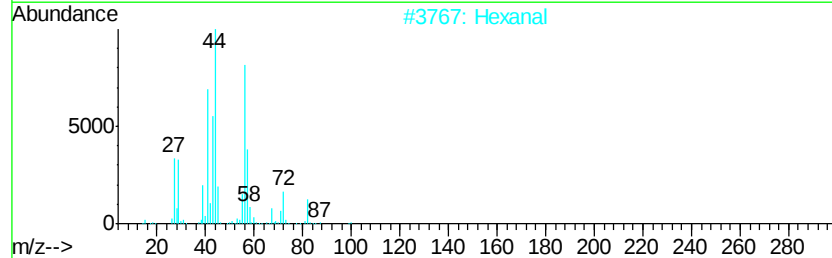
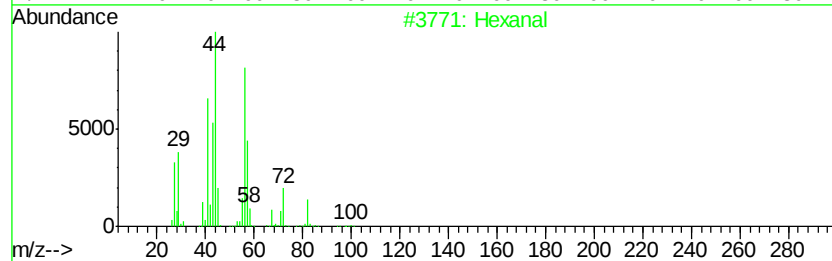
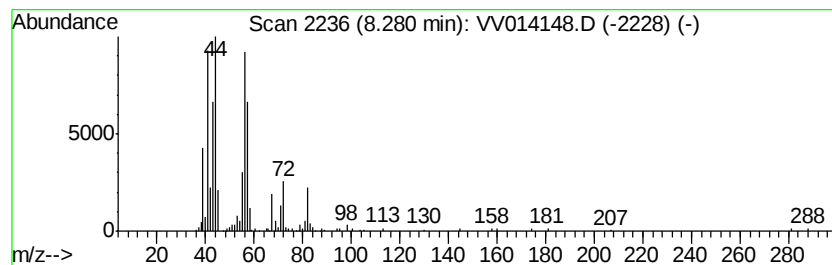
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	0.53 ug/L	142106	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	62
2		Hexanal	100	C6H12O	000066-25-1	53
3		Hexanal	100	C6H12O	000066-25-1	53
4		Hexanal	100	C6H12O	000066-25-1	50
5		2-Butene, (Z)-	56	C4H8	000590-18-1	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV122019\
Data File : VV014148.D
Acq On : 20 Dec 2019 11:57
Operator : SY/MD
Sample : K6286-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDZ0

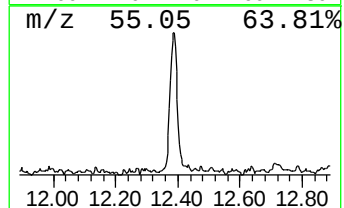
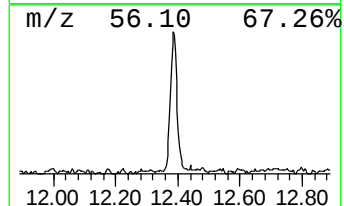
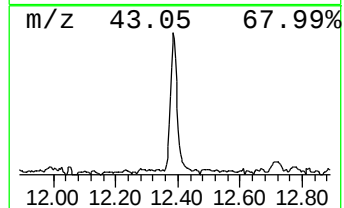
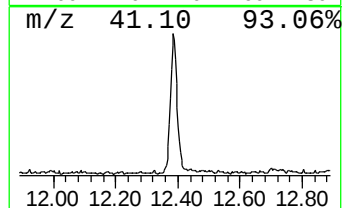
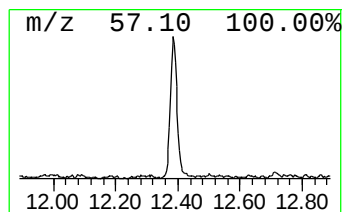
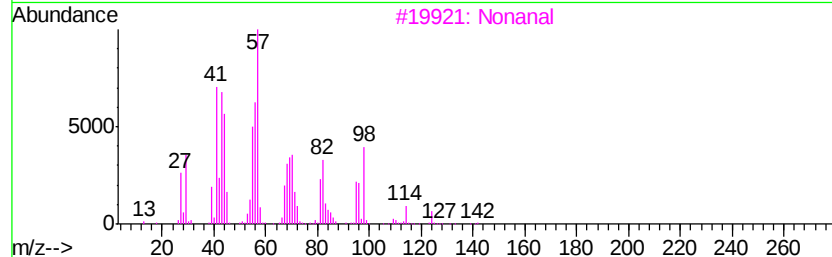
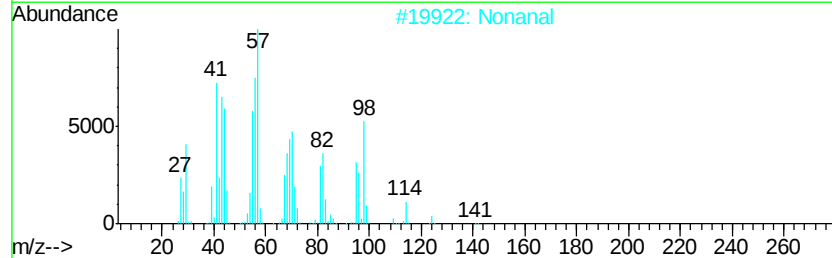
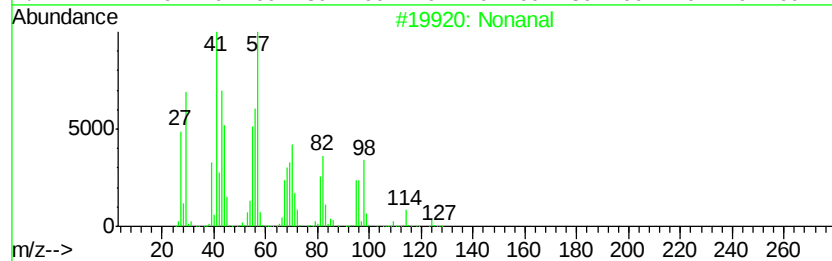
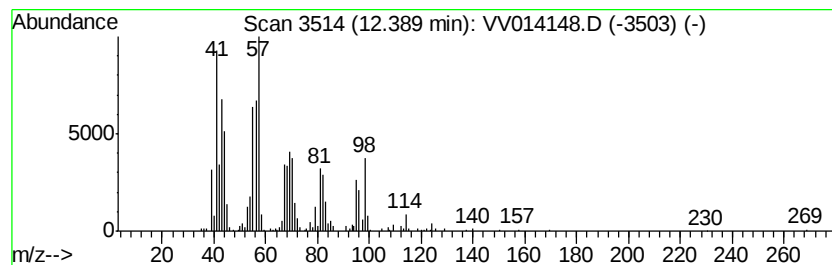
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	0.86 ug/L	200795	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	91
2		Nonanal	142	C9H18O	000124-19-6	91
3		Nonanal	142	C9H18O	000124-19-6	86
4		Nonanal	142	C9H18O	000124-19-6	86
5		Acetic acid, non-3-enyl ester, cis-	184	C11H20O2	013049-88-2	35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122019\
Data File : VV014148.D
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Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDZ0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.12	10.6	ug/L	2379470	1	5.66	1122180	5.0
(DEL) Alkane: Str...	1.23	0.8	ug/L	180002	1	5.66	1122180	5.0
(DEL) Alkane: Cyc...	1.43	0.6	ug/L	133135	1	5.66	1122180	5.0
(DEL) Alkane: Str...	1.65	0.7	ug/L	163773	1	5.66	1122180	5.0
(DEL) Alkane: Str...	1.82	1.5	ug/L	334951	1	5.66	1122180	5.0
(DEL) Alkane: Cyc...	2.98	0.6	ug/L	127985	1	5.66	1122180	5.0
Hexanal	8.28	0.5	ug/L	142106	2	8.89	1346120	5.0
Nonanal	12.39	0.9	ug/L	200795	3	11.29	1160870	5.0