LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_X\Method\82X102622W.M
Title : SW846 8260

Signal : TIC: VX032654.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.264	26	29	42	rBV	90563	88334	11.32%	0.767%
2	1.368	42	46	53	rVV	164810	168195	21.56%	1.460%
3	1.453	57	60	66	rVV	10084	11189	1.43%	0.097%
4	1.746	103	108	122	rVB	427164	591113	75.76%	5.132%
5	1.953	137	142	153	rVB3	68431	124006	15.89%	1.077%
6	2.069	156	161	166	rBV	10164	13866	1.78%	0.120%
7	2.215	180	185	193	rVB	43830	64498	8.27%	0.560%
8	2.343	200	206	209	rBV	15095	28325	3.63%	0.246%
9	2.386	209	213	223	rVB	20820	35480	4.55%	0.308%
10	2.782	260	278	281	rBV2	38415	99993	12.82%	0.868%
11	2.825	281	285	287	rVV	52788	92765	11.89%	0.805%
12	2.867	287	292	314	rVB	145514	317937	40.75%	2.760%
13	3.099	322	330	343	rVB	58678	132110	16.93%	1.147%
14	3.318	360	366	375	rBV4	6393	14532	1.86%	0.126%
15	3.446	378	387	396	rBV2	8684	19082	2.45%	0.166%
16	3.733	426	434	442	rBV2	8321	19701	2.52%	0.171%
17	3.837	444	451	457	rBV3	5731	14580	1.87%	0.127%
18	3.904	457	462	471	rVB2	4121	9462	1.21%	0.082%
19	4.105	485	495	501	rVV3	8086	20697	2.65%	0.180%
20	4.215	505	513	518	rVV4	3924	12317	1.58%	0.107%
21	4.306	518	528	540	rVB2	147395	418372	53.62%	3.632%
22	4.568	561	571	586	rBV2	11095	34540	4.43%	0.300%
23	5.184	670	672	684	rVB5	3782	9506	1.22%	0.083%
24	5.385	695	705	712	rBV	72435	209642	26.87%	1.820%
25	5.471	712	719	725	rVV2	49151	142716	18.29%	1.239%
26	5.556	725	733	742	rVB	105249	288037	36.92%	2.501%
27	5.830	769	778	789	rVB6	5693	18987	2.43%	0.165%
28	5.958	789	799	805	rBV2	75999	199277	25.54%	1.730%
29	6.037	805	812	824	rVB	104772	275969	35.37%	2.396%
30	6.172	824	834	835	rBV4	12066	30470	3.91%	0.265%
31	6.251	842	847	856	rVB4	22225	63225	8.10%	0.549%
32	6.361	856	865	874	rVB3	10654	30649	3.93%	0.266%
33	6.635	899	910	921	rBV3	5608	18179	2.33%	0.158%
34	6.763	921	931	941	rBV	182948	435543	55.82%	3.781%
35	7.379	1019	1032	1041	rBV5	36219	103224	13.23%	0.896%
36	7.470	1041	1047	1058	rBV3	4144	13213	1.69%	0.115%

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Title : SW846 8260

37	7.653	1071	1077	1085	rVB2	9817	19916	2.55%	0.173%
38	7.885	1104	1115	1122	rBV4	8752	25343	3.25%	0.220%
39	7.988	1122	1132	1140	rVB3	8201	20766	2.66%	0.180%
40	8.104	1143	1151	1162	rBV3	14430	34794	4.46%	0.302%
41	8.507	1210	1217	1224	rVB3	7343	13764	1.76%	0.119%
42	8.647	1224	1240	1247	rBV	372407	608941	78.04%	5.286%
43	8.720	1247	1252	1258	rVB	69420	105963	13.58%	0.920%
44	8.805	1263	1266	1270	rVV	8807	15319	1.96%	0.133%
45	8.958	1282	1291	1299	rVV	96455	149759	19.19%	1.300%
46	9.049	1299	1306	1312	rVV	97577	153317	19.65%	1.331%
47	9.104	1312	1315	1321	rVB4	5725	8455	1.08%	0.073%
48	10.055	1465	1471	1477	rBV	382042	503104	64.48%	4.368%
49	10.195	1489	1494	1501	rBV	154162	197495	25.31%	1.714%
50	10.299	1504	1511	1519	rVB	129061	180078	23.08%	1.563%
51	10.640	1563	1567	1574	rVB	34244	46349	5.94%	0.402%
52	10.963	1614	1620	1626	rBV	154600	190677	24.44%	1.655%
53	11.079	1634	1639	1650	rBV	347945	452164	57.95%	3.925%
54	11.305	1671	1676	1685	rVB	315684	382363	49.01%	3.319%
55	11.402	1685	1692	1696	rVV	9536	15861	2.03%	0.138%
56	11.451	1696	1700	1708	rVB	15296	18513	2.37%	0.161%
57	11.610	1721	1726	1739	rVB	472574	602585	77.23%	5.231%
58	11.750	1744	1749	1756	rVB	30859	38879	4.98%	0.338%
59	11.866	1762	1768	1770	rBV	17269	24458	3.13%	0.212%
60	11.890	1770	1772	1780	rVB	29945	32735	4.20%	0.284%
61	12.024	1788	1794	1799	rBV	391717	498787	63.93%	4.330%
62	12.085	1799	1804	1812	rVB	248718	305833	39.20%	2.655%
63	12.177	1815	1819	1824	rVB	7182	9011	1.15%	0.078%
64	12.244	1824	1830	1837	rBV2	623995	780251	100.00%	6.774%
65	12.317	1837	1842	1843	rBV	23638	28893	3.70%	0.251%
66	12.402	1852	1856	1862	rVB2	13461	17388	2.23%	0.151%
67	12.463	1862	1866	1873	rVB	39649	48839	6.26%	0.424%
68	12.530	1873	1877	1883	rVB	16162	19492	2.50%	0.169%
69	12.616	1883	1891	1894	rBV	89669	119007	15.25%	1.033%
70	12.646	1894	1896	1900	rVV	34536	36532	4.68%	0.317%
71	12.701	1900	1905	1912	rVV	221235	290379	37.22%	2.521%
72	12.847	1924	1929	1934	rVB2	21063	29168	3.74%	0.253%
73	12.920	1934	1941	1945	rVV	97420	117370	15.04%	1.019%
74	12.963	1945	1948	1954	rVB	13544	16255	2.08%	0.141%
75	13.024	1954	1958	1965	rBV2	11284	18152	2.33%	0.158%
76	13.140	1973	1977	1978	rBV	9672	11579	1.48%	0.101%

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Title : SW846 8260

77	13.170	1978	1982	1992	rVB	59259	78719	10.09%	0.683%
78	13.292	1997	2002	2007	rBV2	141885	182386	23.38%	1.583%
79	13.341	2007	2010	2017	rVB3	35814	47862	6.13%	0.416%
80	13.420	2020	2023	2031	rVB2	17408	22249	2.85%	0.193%
81	13.548	2039	2044	2046	rBV	16535	20377	2.61%	0.177%
82	13.585	2046	2050	2053	rBV4	9592	11720	1.50%	0.102%
83	13.640	2053	2059	2061	rBV2	16286	21653	2.78%	0.188%
84	13.774	2076	2081	2091	rBV	527138	648028	83.05%	5.626%
85	13.865	2091	2096	2102	rVB	10439	15558	1.99%	0.135%
86	14.640	2219	2223	2229	rVB	48966	62810	8.05%	0.545%
87	14.780	2241	2246	2254	rVB	39246	49489	6.34%	0.430%

Sum of corrected areas: 11519116

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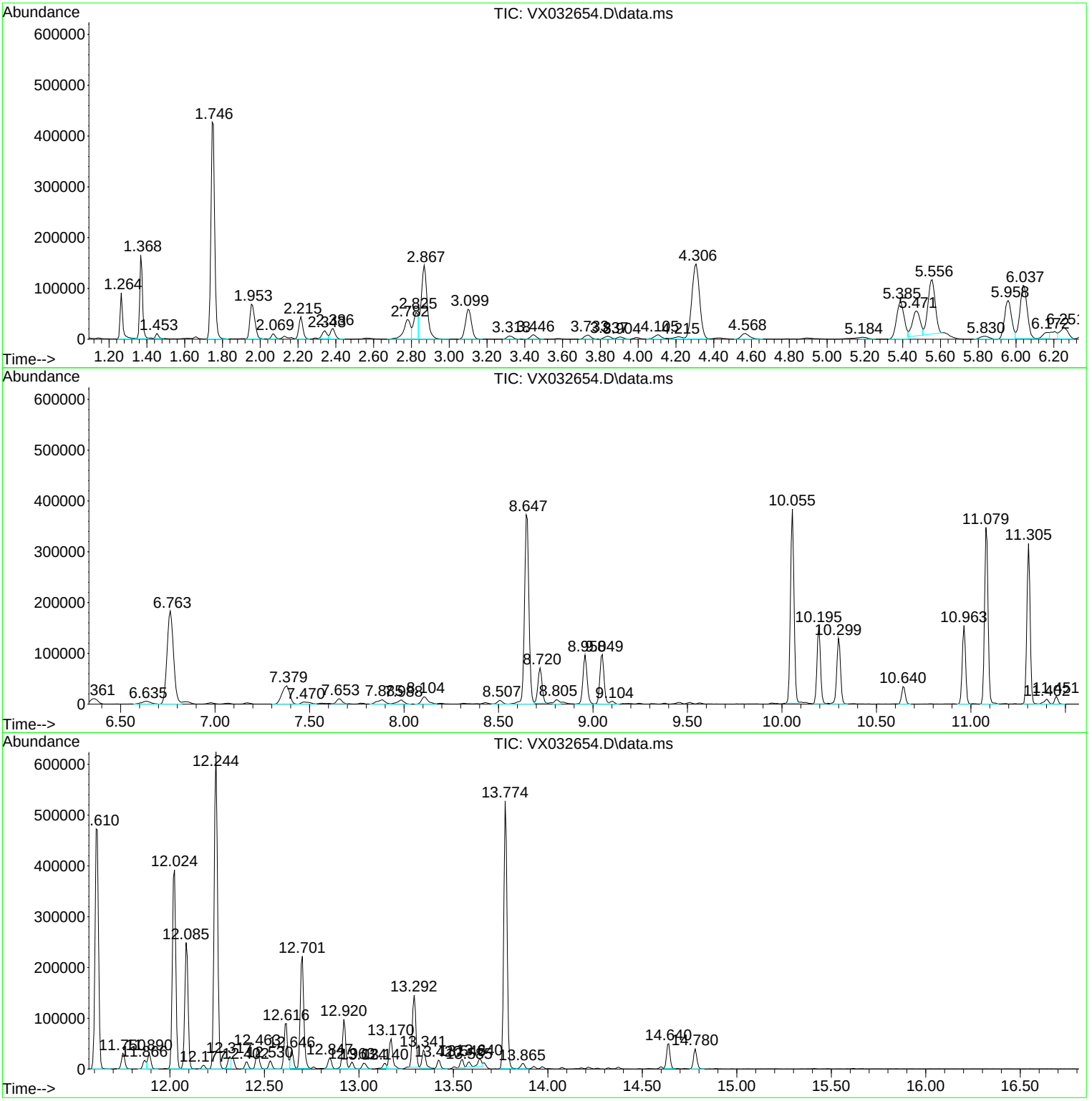
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

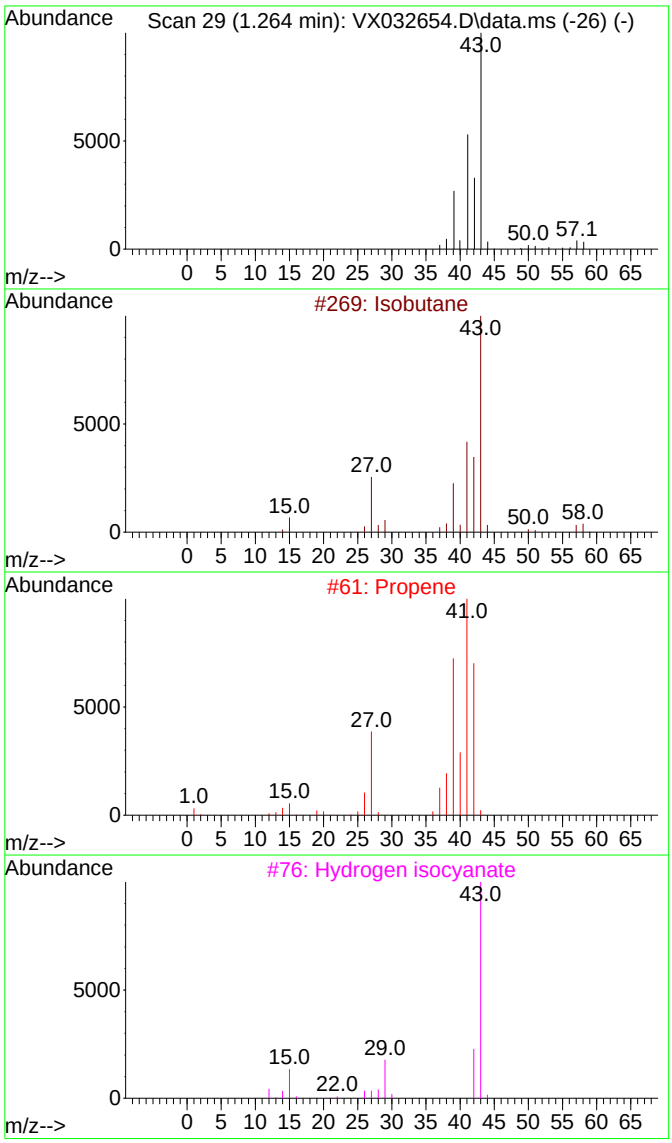
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

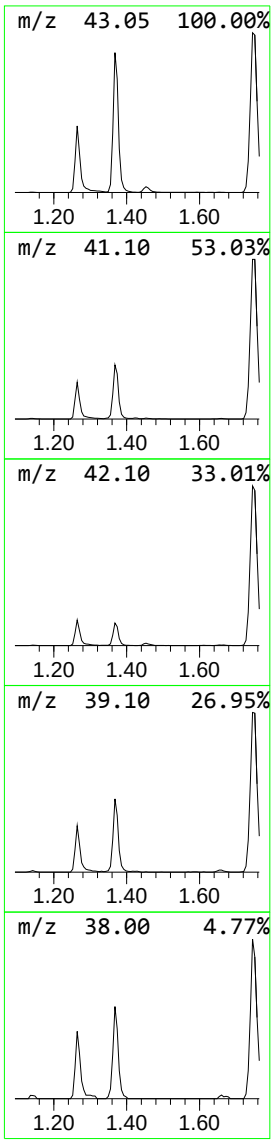
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Isobutane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.264	15.33 ug/l	88334	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Propene	42	C3H6	000115-07-1	5
3	Hydrogen isocyanate	43	CHNO	000075-13-8	4
4	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	4
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	4





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Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

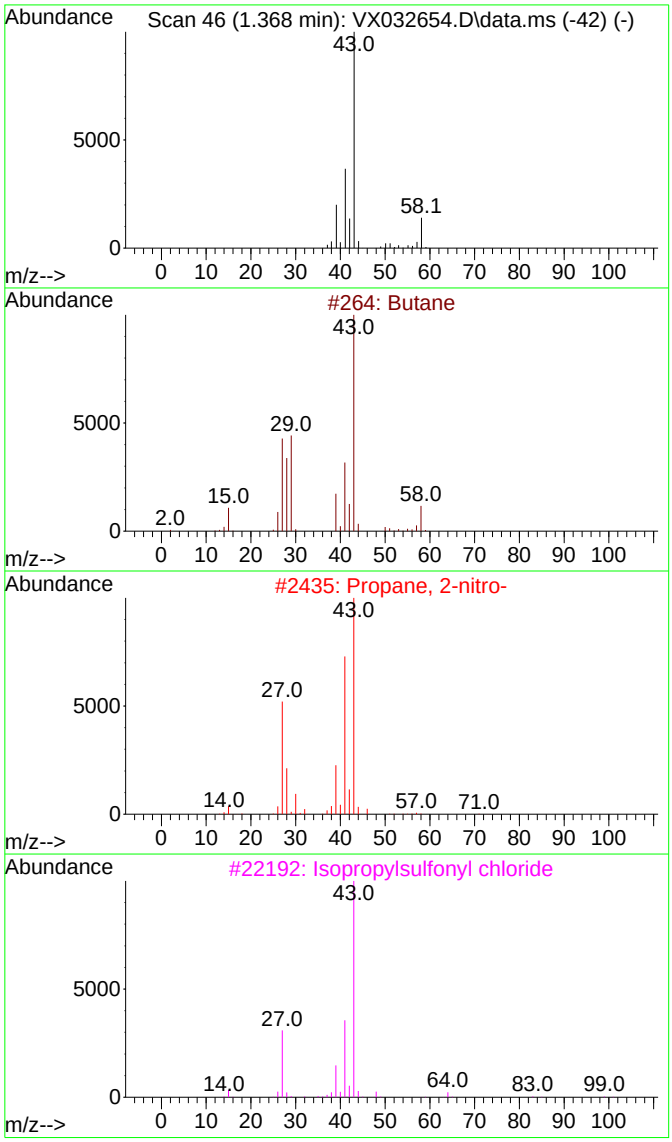
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

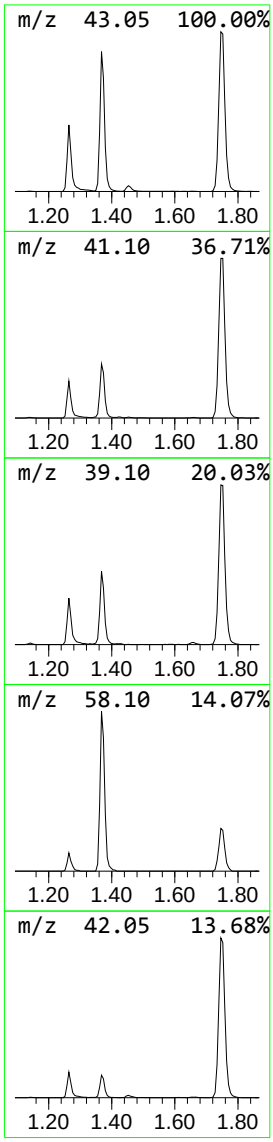
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.368	29.20 ug/l	168195	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	64
2	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
3	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Isobutane	58	C4H10	000075-28-5	9





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Acq On : 08 Nov 2022 15:17
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

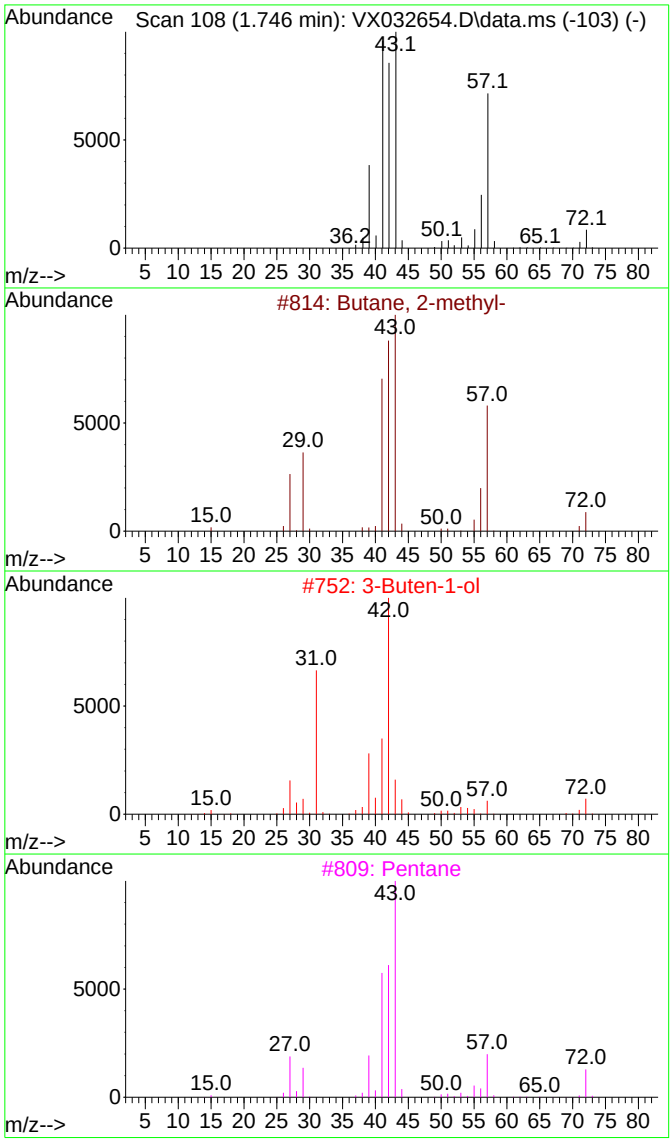
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

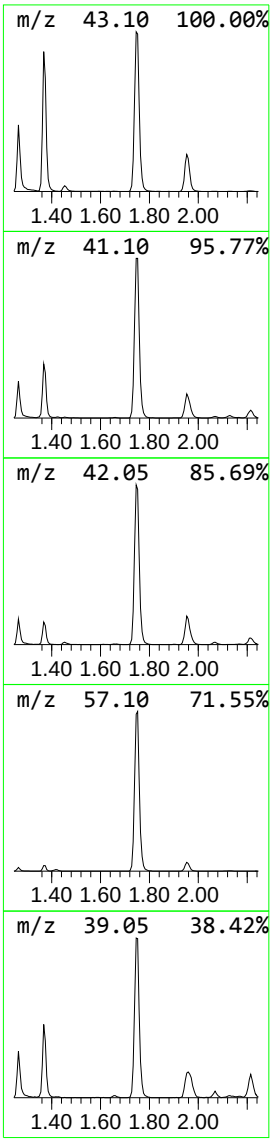
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.746	102.61 ug/l	591113	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	64
2	3-Buten-1-ol	72	C4H8O	000627-27-0	38
3	Pentane	72	C5H12	000109-66-0	38
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	16
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10





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Instrument :
MSVOA_X
ClientSampleId :
MW-6

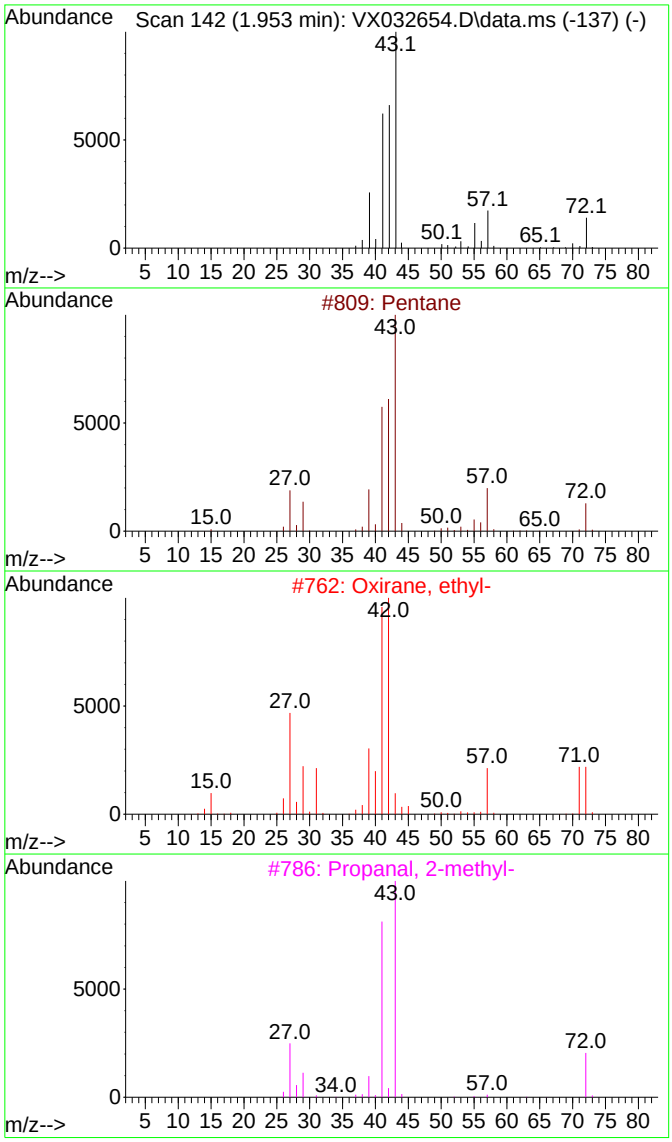
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

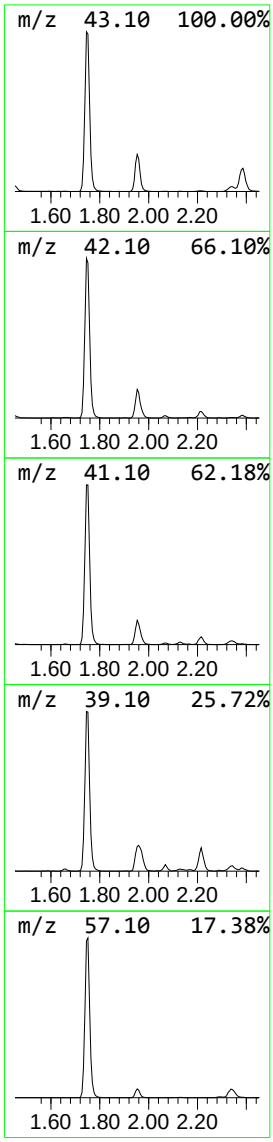
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.953	21.53 ug/l	124006	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	72
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	53
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	25
4	Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	10
5	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9





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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

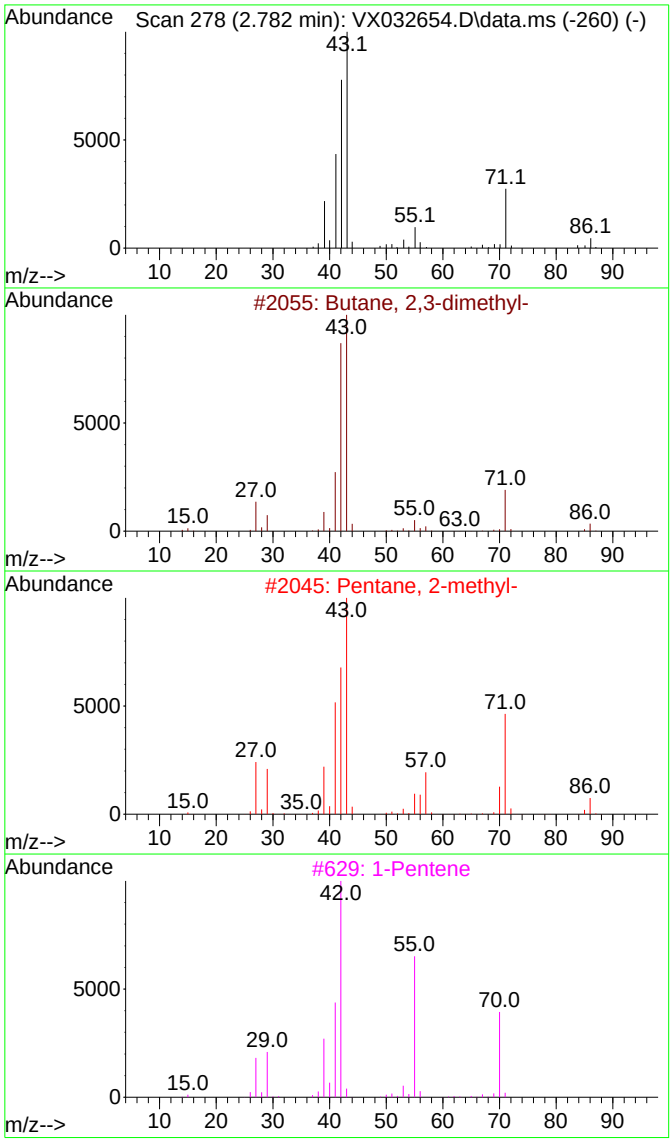
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

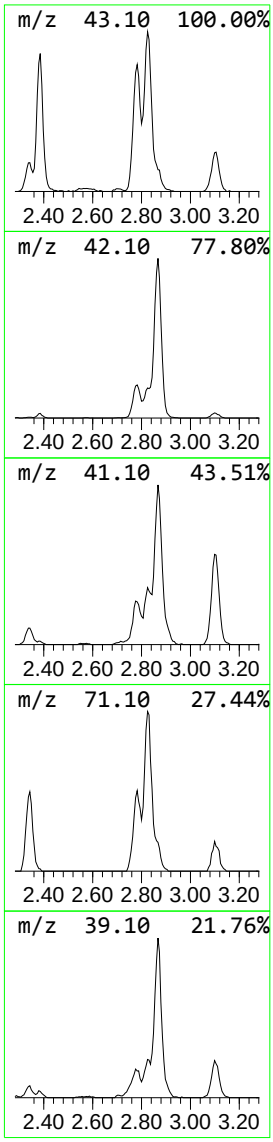
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Butane, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.782	17.36 ug/l	99993	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
3	1-Pentene	70	C5H10	000109-67-1	50
4	Tetrahydrofuran	72	C4H8O	000109-99-9	38
5	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

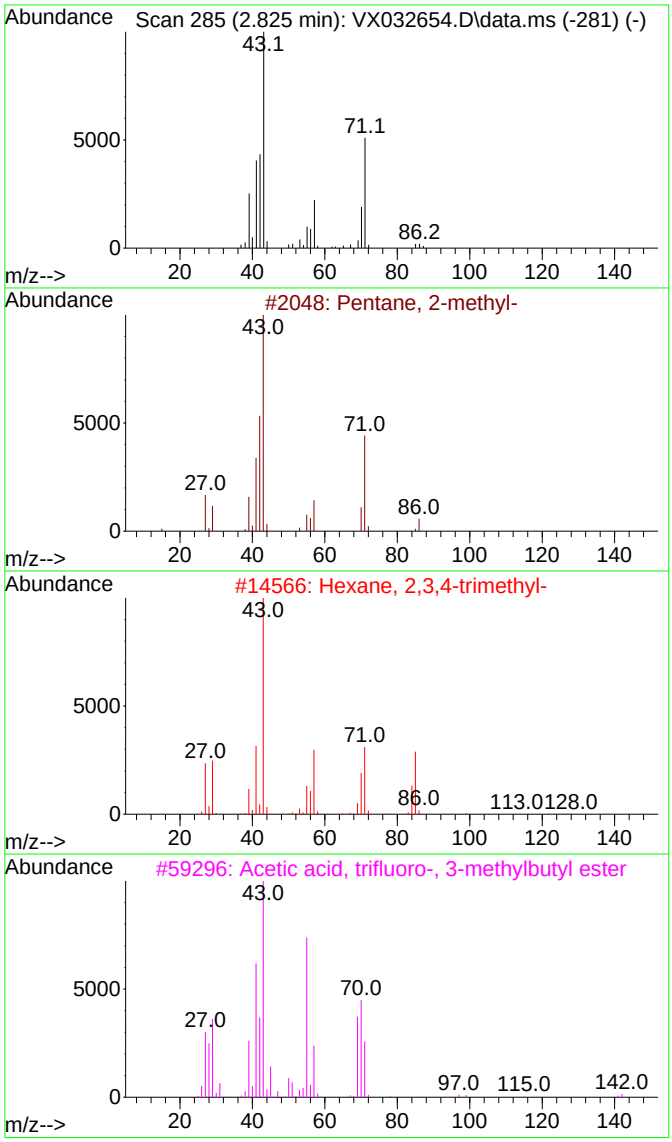
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

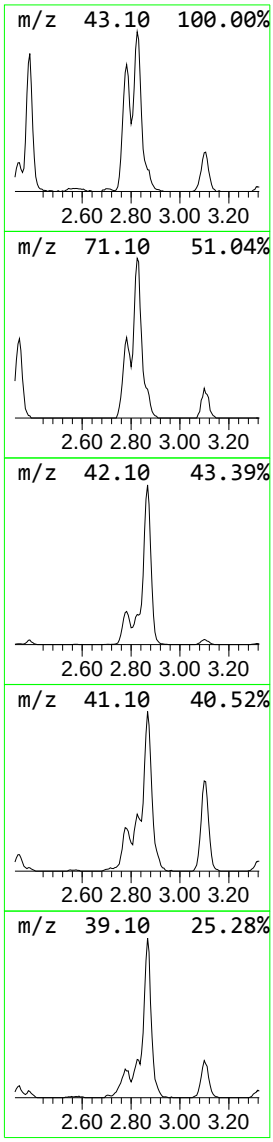
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.825	16.10 ug/l	92765	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43
3	Acetic acid, trifluoro-, 3-methy...	184	C7H11F3O2	000327-69-5	36
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	32
5	Butane, 1-chloro-3-methyl-	106	C5H11Cl	000107-84-6	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

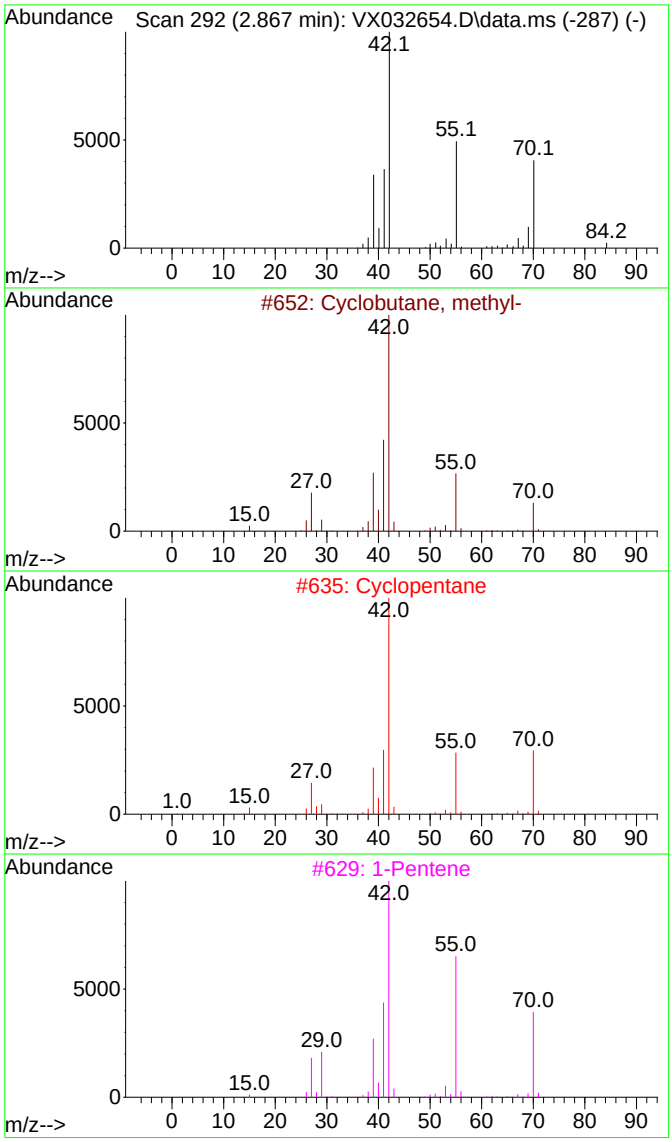
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

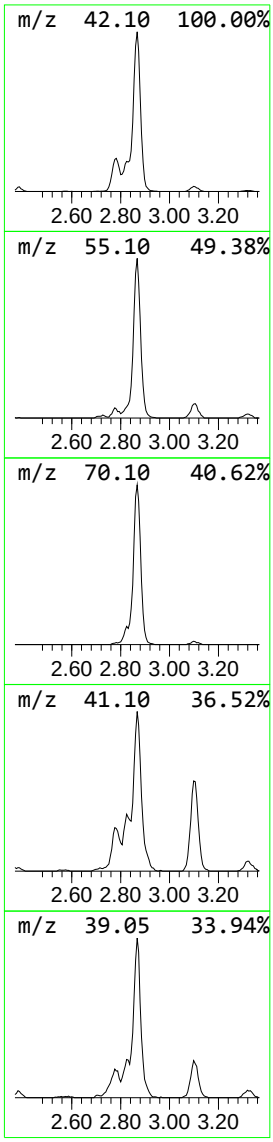
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclobutane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.867	55.19 ug/l	317937	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	86
2	Cyclopentane	70	C5H10	000287-92-3	86
3	1-Pentene	70	C5H10	000109-67-1	72
4	2H-Tetrazole, 2,5-dimethyl-	98	C3H6N4	004135-93-7	56
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	45





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Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

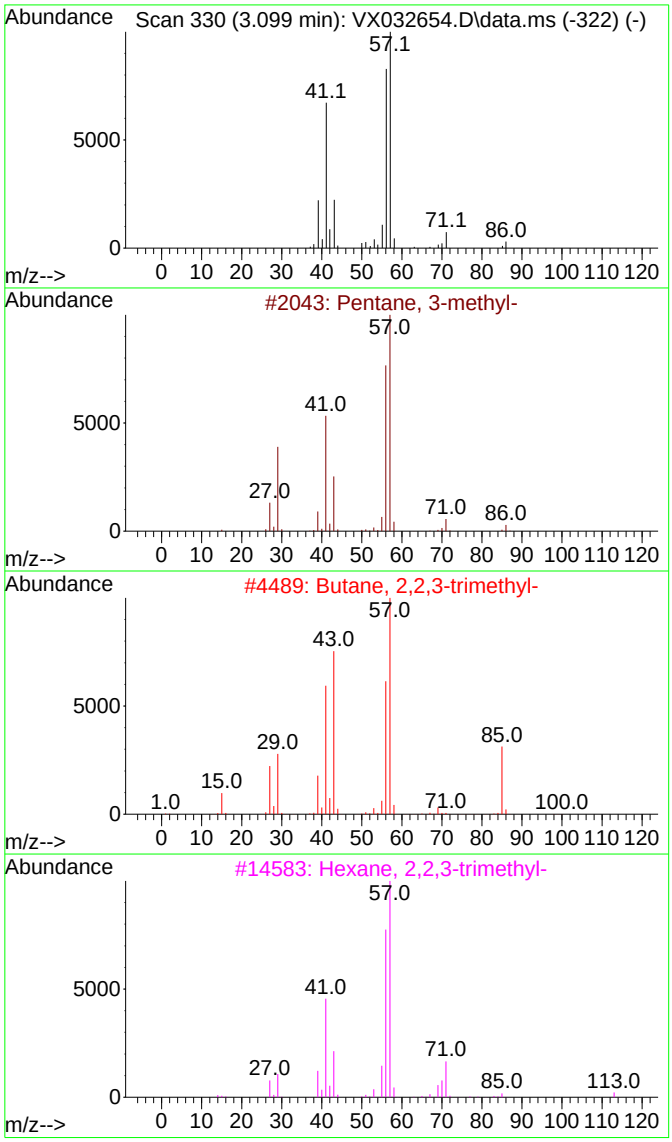
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

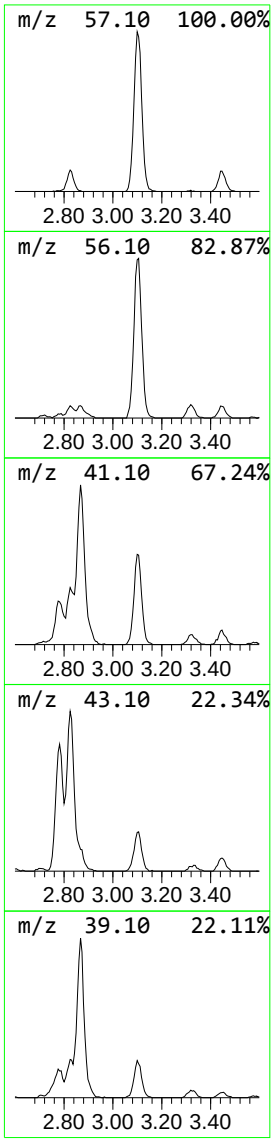
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.099	22.93 ug/l	132110	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	74
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	53





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Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

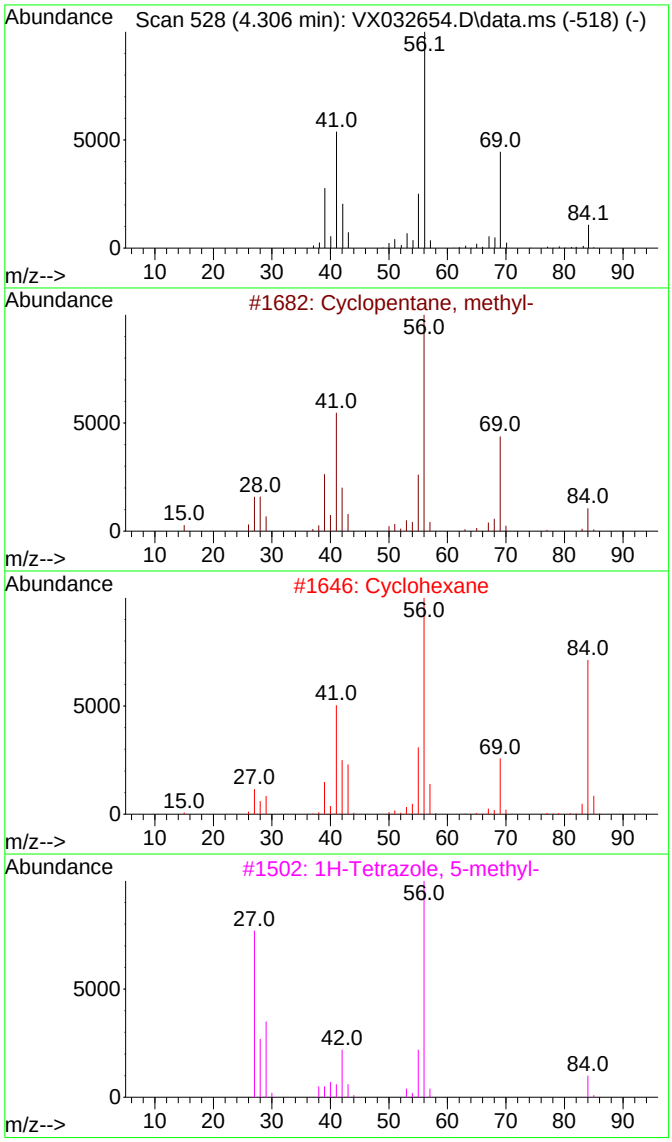
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

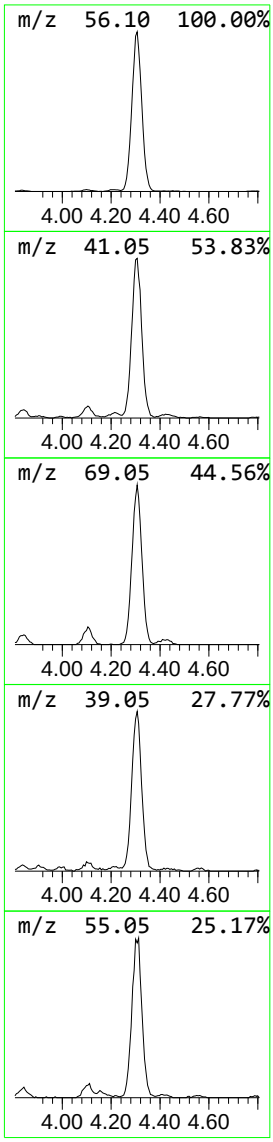
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.306	72.62 ug/l	418372	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

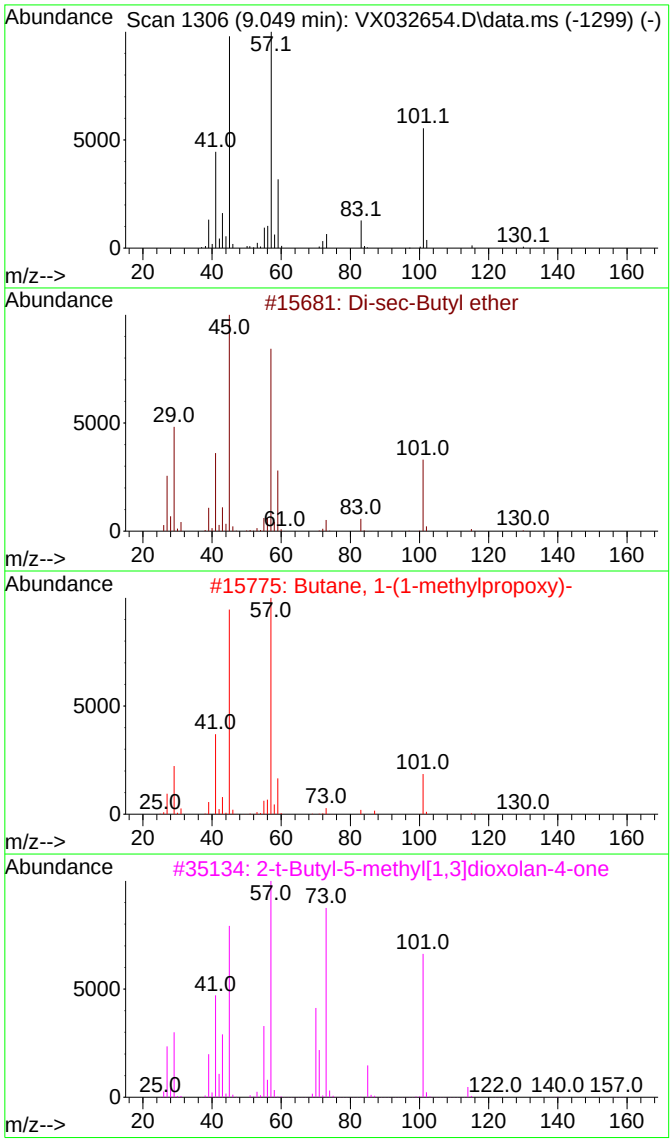
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

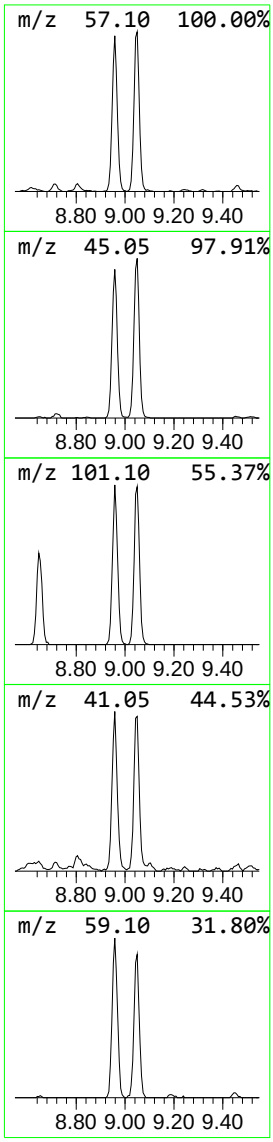
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Di-sec-Butyl ether Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.049	15.24 ug/l	153317	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	91
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	64
3	2-t-Butyl-5-methyl[1,3]dioxolan-...	158	C8H14O3	130930-47-1	50
4	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	50
5	Diethyl carbitol	162	C8H18O3	000112-36-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

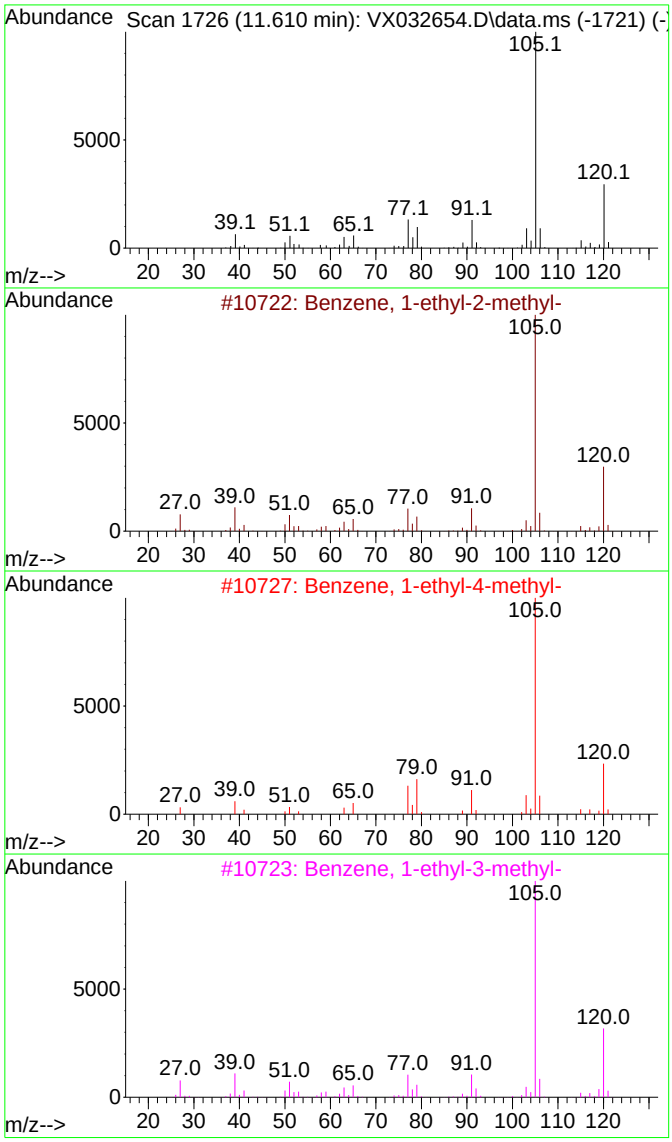
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

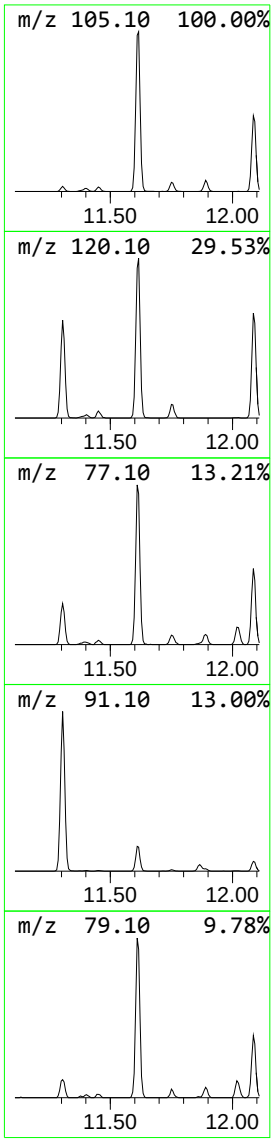
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	60.41 ug/l	602585	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

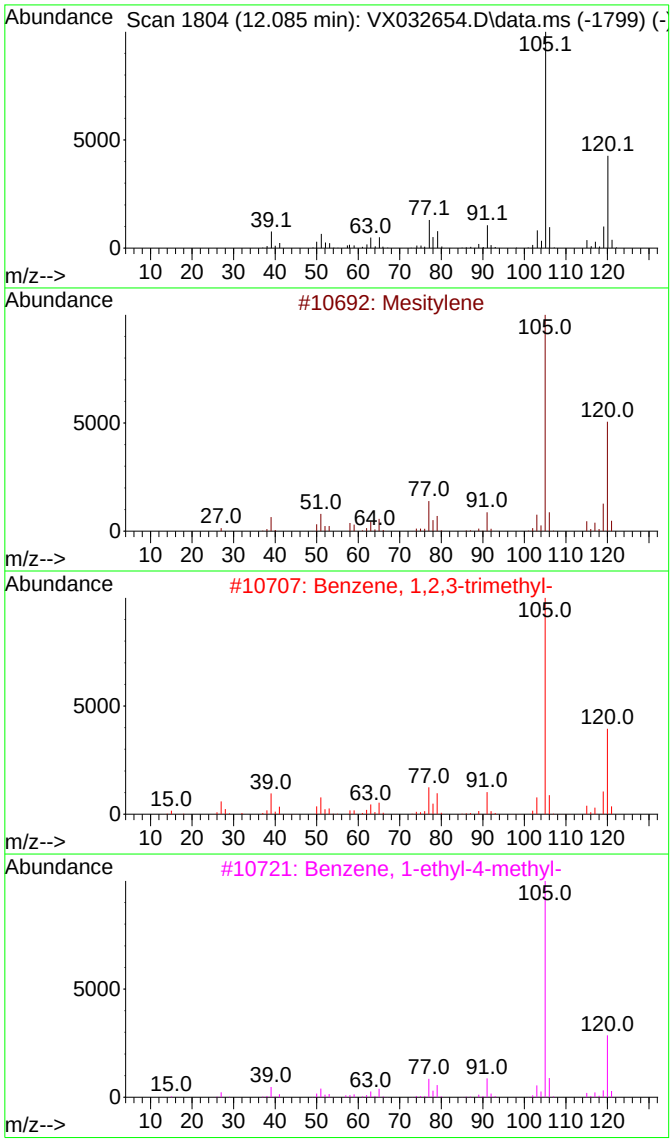
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

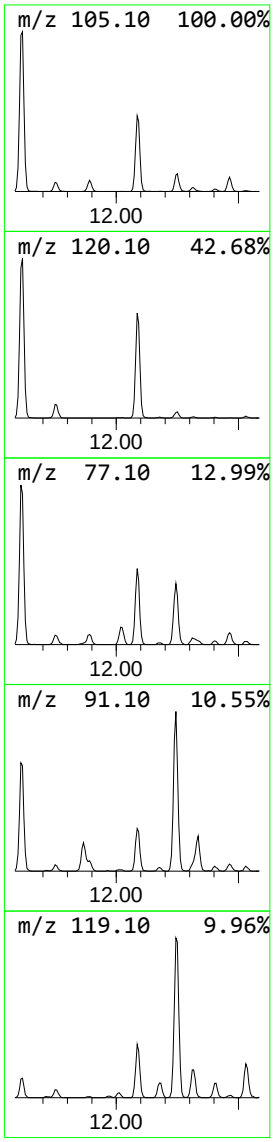
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	30.66 ug/l	305833	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

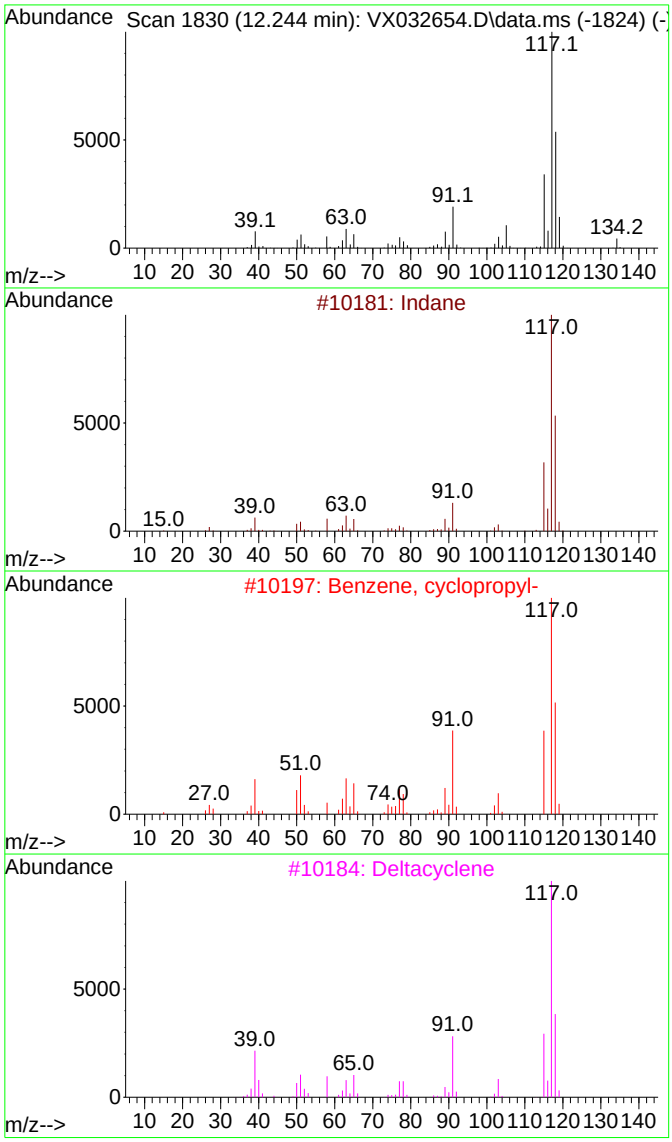
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

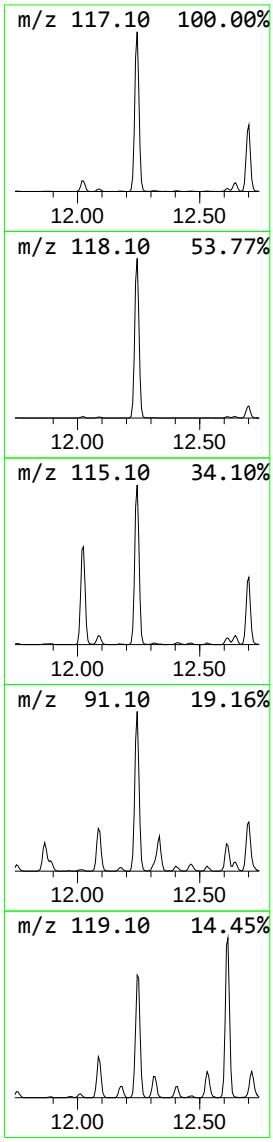
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	78.21 ug/l	780251	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Deltacyclene	118	C9H10	007785-10-6	62
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
5	Indole	117	C8H7N	000120-72-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

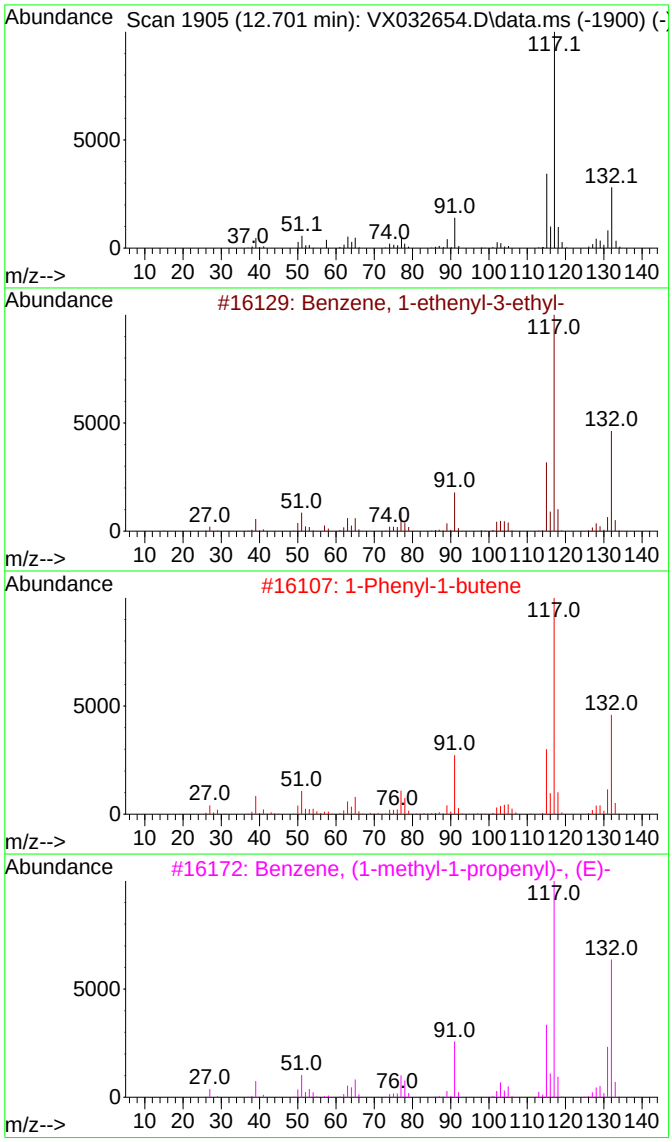
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

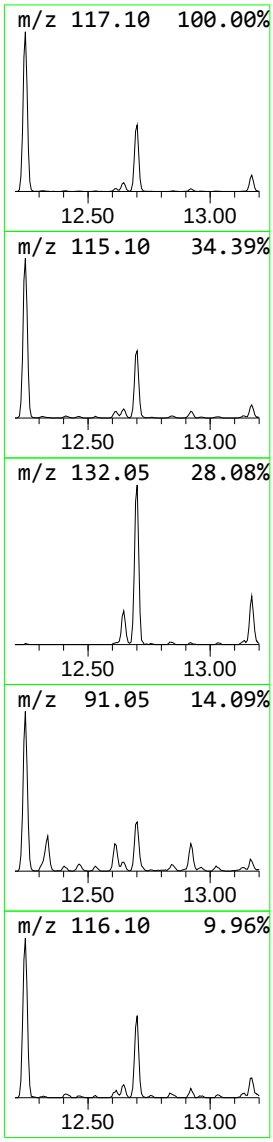
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	29.11 ug/l	290379	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

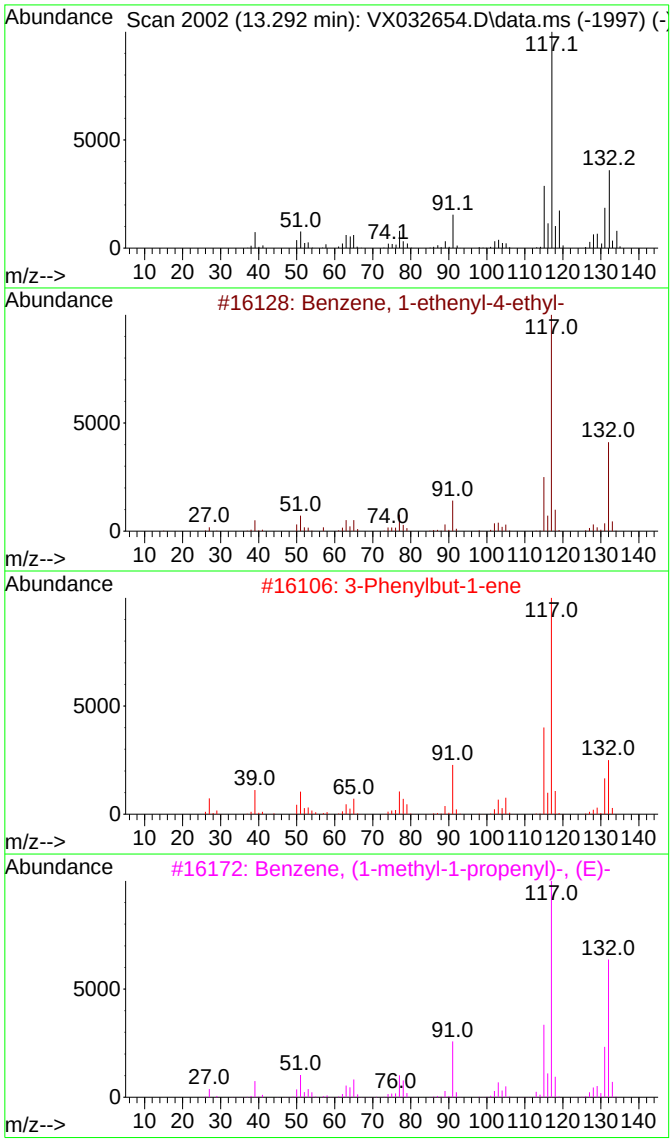
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

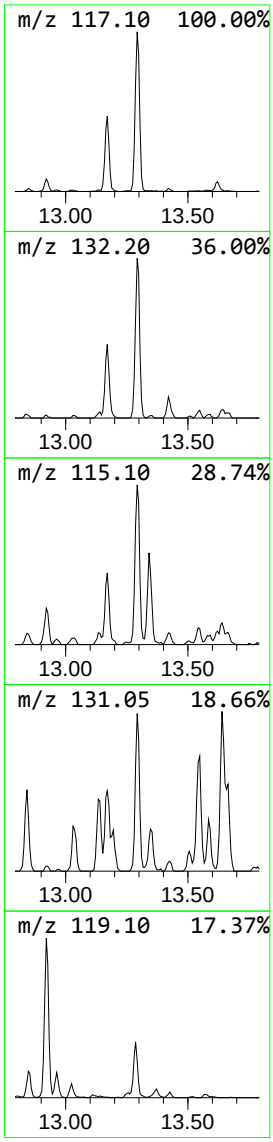
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	18.28 ug/l	182386	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032654.D
Acq On : 08 Nov 2022 15:17
Operator : JC/MD
Sample : N5514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isobutane	1.264	15.3	ug/l	88334	1	5.556	288037	50.0
Butane	1.368	29.2	ug/l	168195	1	5.556	288037	50.0
Butane, 2-methyl-	1.746	102.6	ug/l	591113	1	5.556	288037	50.0
Pentane	1.953	21.5	ug/l	124006	1	5.556	288037	50.0
Butane, 2,3-dim...	2.782	17.4	ug/l	99993	1	5.556	288037	50.0
Pentane, 2-methyl-	2.825	16.1	ug/l	92765	1	5.556	288037	50.0
Cyclobutane, me...	2.867	55.2	ug/l	317937	1	5.556	288037	50.0
Pentane, 3-methyl-	3.099	22.9	ug/l	132110	1	5.556	288037	50.0
Cyclopentane, m...	4.306	72.6	ug/l	418372	1	5.556	288037	50.0
Di-sec-Butyl ether	9.049	15.2	ug/l	153317	3	10.055	503104	50.0
Benzene, 1-ethy...	11.610	60.4	ug/l	602585	4	12.024	498787	50.0
Benzene, 1,2,3-...	12.085	30.7	ug/l	305833	4	12.024	498787	50.0
Indane	12.244	78.2	ug/l	780251	4	12.024	498787	50.0
Benzene, 1-ethe...	12.701	29.1	ug/l	290379	4	12.024	498787	50.0
Benzene, 1-ethe...	13.292	18.3	ug/l	182386	4	12.024	498787	50.0