LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047011.D
Acq On : 15 Jul 2025 18:31
Operator : JC/MD
Sample : Q2600-03
Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRENCH

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\82X070225W.M
Title : SW846 8260

Signal : TIC: VX047011.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.391	696	706	724	rBV4	186794	626108	8.92%	0.464%
2	5.556	724	733	761	rVB2	321046	1073875	15.29%	0.796%
3	5.958	790	799	824	rBV	212776	632915	9.01%	0.469%
4	6.763	919	931	957	rBV	500649	1357802	19.34%	1.007%
5	7.379	1021	1032	1046	rBV3	68139	184265	2.62%	0.137%
6	8.598	1225	1232	1235	rBV2	91550	168133	2.39%	0.125%
7	8.647	1235	1240	1250	rVB	1081287	1813809	25.83%	1.345%
8	8.976	1288	1294	1301	rVB2	75246	128235	1.83%	0.095%
9	9.500	1374	1380	1386	rBV3	126319	282265	4.02%	0.209%
10	9.561	1386	1390	1395	rVB	183369	248440	3.54%	0.184%
11	9.616	1395	1399	1403	rBV	199880	302252	4.30%	0.224%
12	9.823	1427	1433	1438	rVV3	219959	481473	6.86%	0.357%
13	10.006	1456	1463	1466	rBV	102355	171341	2.44%	0.127%
14	10.055	1466	1471	1476	rBV	1107781	1567787	22.33%	1.163%
15	10.177	1486	1491	1498	rBV2	113830	223977	3.19%	0.166%
16	10.275	1498	1507	1510	rBV2	309321	582853	8.30%	0.432%
17	10.317	1510	1514	1517	rVB	486196	589759	8.40%	0.437%
18	10.354	1517	1520	1531	rVB2	371510	713167	10.16%	0.529%
19	10.451	1531	1536	1543	rBV2	249520	389260	5.54%	0.289%
20	10.531	1545	1549	1551	rBV2	124694	175808	2.50%	0.130%
21	10.585	1551	1558	1566	rBV3	1142454	2088905	29.75%	1.549%
22	10.671	1566	1572	1576	rBV3	592733	1026423	14.62%	0.761%
23	10.714	1576	1579	1582	rVB2	317748	362188	5.16%	0.269%
24	10.750	1582	1585	1586	rBV	647370	691074	9.84%	0.512%
25	10.781	1586	1590	1594	rVB	2259889	2894970	41.23%	2.147%
26	10.854	1594	1602	1606	rBV	2646533	4474396	63.73%	3.318%
27	10.890	1606	1608	1613	rVB	1436617	1875929	26.72%	1.391%
28	10.945	1613	1617	1622	rVB3	486513	813164	11.58%	0.603%
29	11.000	1622	1626	1628	rBV2	755463	1104388	15.73%	0.819%
30	11.031	1628	1631	1635	rVB2	1214722	1605439	22.87%	1.190%
31	11.079	1635	1639	1643	rVB2	1060554	1331008	18.96%	0.987%
32	11.122	1643	1646	1650	rBV2	790684	988502	14.08%	0.733%
33	11.165	1650	1653	1655	rBV2	456468	639327	9.11%	0.474%
34	11.220	1657	1662	1666	rVB3	2366343	3271035	46.59%	2.426%
35	11.305	1673	1676	1677	rBV3	137670	161485	2.30%	0.120%
36	11.341	1677	1682	1686	rVV3	1074693	1963537	27.97%	1.456%

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ClientSampleId :
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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : SW846 8260

37	11.384	1686	1689	1693	rVB3	1191809	1648172	23.47%	1.222%
38	11.433	1693	1697	1700	rBV	2425984	3203410	45.63%	2.375%
39	11.476	1700	1704	1709	rVB3	1517509	2294063	32.67%	1.701%
40	11.524	1709	1712	1717	rVB5	413885	598935	8.53%	0.444%
41	11.573	1717	1720	1722	rBV	345739	393203	5.60%	0.292%
42	11.628	1722	1729	1733	rVB5	1472219	3138874	44.71%	2.328%
43	11.683	1733	1738	1741	rBV3	998670	1262671	17.98%	0.936%
44	11.713	1741	1743	1745	rBV2	709342	676094	9.63%	0.501%
45	11.744	1745	1748	1751	rBV	1291376	1705721	24.29%	1.265%
46	11.841	1759	1764	1766	rBV2	1455986	2416157	34.41%	1.792%
47	11.890	1769	1772	1776	rVV3	2566942	4114051	58.60%	3.051%
48	11.939	1776	1780	1784	rVV2	3285781	5184802	73.85%	3.845%
49	11.975	1784	1786	1789	rVV3	954312	1122907	15.99%	0.833%
50	12.024	1790	1794	1799	rVB3	1170807	1927230	27.45%	1.429%
51	12.122	1805	1810	1812	rBV3	1108628	1826601	26.02%	1.354%
52	12.152	1812	1815	1818	rVB4	1020977	1393149	19.84%	1.033%
53	12.244	1825	1830	1835	rBV	2107755	3182288	45.32%	2.360%
54	12.311	1835	1841	1848	rVV4	3514874	7021155	100.00%	5.206%
55	12.414	1848	1858	1863	rVV3	1238954	4316310	61.48%	3.201%
56	12.469	1863	1867	1872	rVV3	1282240	2619350	37.31%	1.942%
57	12.555	1875	1881	1886	rVV5	973208	2792032	39.77%	2.070%
58	12.610	1886	1890	1894	rVV	3522741	4970622	70.79%	3.686%
59	12.640	1894	1895	1900	rVV3	737569	1188394	16.93%	0.881%
60	12.701	1900	1905	1912	rVV4	1549833	4049936	57.68%	3.003%
61	12.762	1912	1915	1920	rVV3	508574	1050124	14.96%	0.779%
62	12.817	1920	1924	1931	rVB4	1529136	3019549	43.01%	2.239%
63	12.890	1931	1936	1938	rBV2	1072122	1747087	24.88%	1.296%
64	12.920	1938	1941	1945	rVV	2231718	2680830	38.18%	1.988%
65	12.981	1947	1951	1954	rVV2	900274	1035315	14.75%	0.768%
66	13.024	1954	1958	1965	rVB2	957696	1544371	22.00%	1.145%
67	13.091	1965	1969	1973	rBV2	885529	1277505	18.20%	0.947%
68	13.134	1973	1976	1979	rVV2	683347	809129	11.52%	0.600%
69	13.164	1979	1981	1983	rVV	153734	147592	2.10%	0.109%
70	13.189	1983	1985	1990	rVB	177803	225451	3.21%	0.167%
71	13.256	1991	1996	1997	rBV2	339277	446903	6.37%	0.331%
72	13.286	1997	2001	2008	rVB2	3012781	4377139	62.34%	3.246%
73	13.365	2011	2014	2017	rVV	705728	785205	11.18%	0.582%
74	13.414	2017	2022	2033	rVB8	484885	1461693	20.82%	1.084%
75	13.506	2033	2037	2039	rBV2	376679	511887	7.29%	0.380%
76	13.536	2039	2042	2045	rVB3	305556	383144	5.46%	0.284%

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77	13.579	2045	2049	2053	rBV2	1017696	1296615	18.47%	0.961%
78	13.640	2053	2059	2060	rVV4	397059	744752	10.61%	0.552%
79	13.664	2060	2063	2071	rVB3	854175	1635092	23.29%	1.212%
80	13.750	2071	2077	2081	rBV3	522834	755353	10.76%	0.560%
81	13.792	2081	2084	2088	rVB2	448789	531821	7.57%	0.394%
82	13.847	2090	2093	2098	rVB3	275228	406672	5.79%	0.302%
83	13.926	2098	2106	2110	rBV3	547428	1080774	15.39%	0.801%
84	13.969	2110	2113	2116	rBV2	196723	280942	4.00%	0.208%
85	14.067	2125	2129	2132	rBV2	247242	339315	4.83%	0.252%
86	14.158	2138	2144	2148	rBV2	159770	258868	3.69%	0.192%
87	14.213	2148	2153	2162	rVV3	665286	1419608	20.22%	1.053%
88	14.317	2167	2170	2175	rVV	312443	422307	6.01%	0.313%
89	14.371	2175	2179	2183	rVV	317246	390166	5.56%	0.289%
90	14.414	2183	2186	2192	rVB	245587	331517	4.72%	0.246%
91	14.475	2192	2196	2204	rBV3	548972	901019	12.83%	0.668%
92	14.609	2215	2218	2221	rVV2	195699	284261	4.05%	0.211%
93	14.670	2225	2228	2232	rVB2	238333	296207	4.22%	0.220%
94	14.719	2232	2236	2240	rBV2	118747	173443	2.47%	0.129%
95	14.774	2241	2245	2250	rVV2	445282	672453	9.58%	0.499%
96	14.902	2260	2266	2273	rVB7	53408	143262	2.04%	0.106%
97	15.182	2307	2312	2318	rVV4	97874	184269	2.62%	0.137%
98	15.475	2352	2360	2366	rBV	151820	265149	3.78%	0.197%
99	15.609	2376	2382	2385	rBV	193672	302231	4.30%	0.224%
100	15.646	2385	2388	2396	rVB2	109637	184971	2.63%	0.137%

Sum of corrected areas: 134855412

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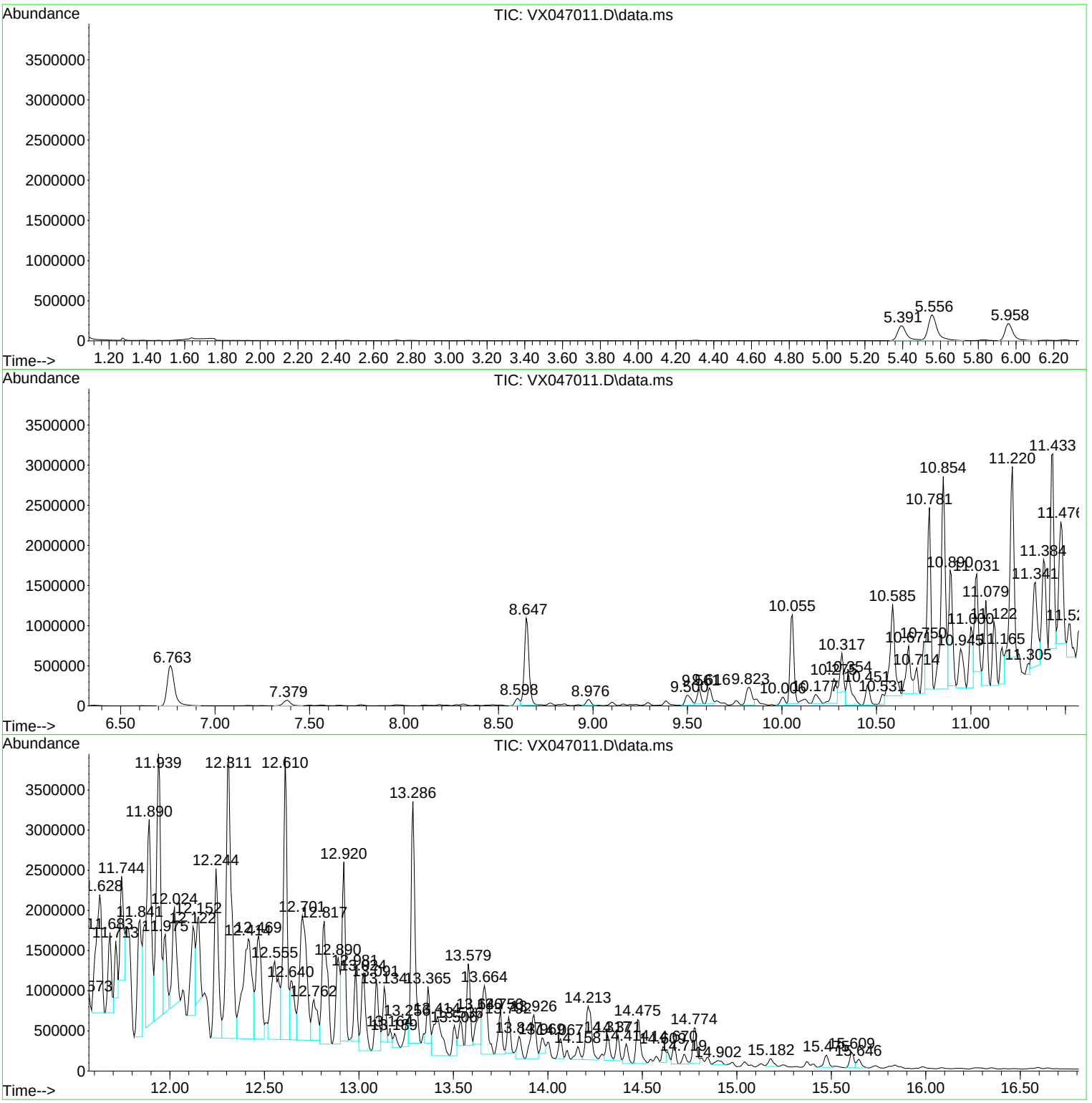
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



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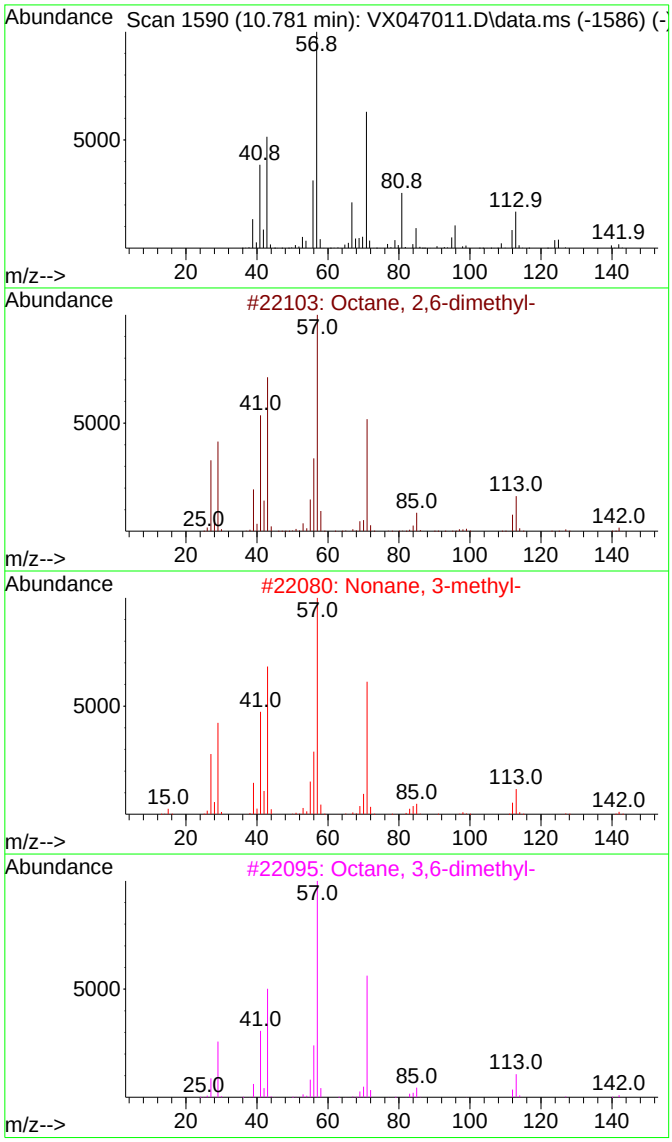
Quant Title : SW846 8260

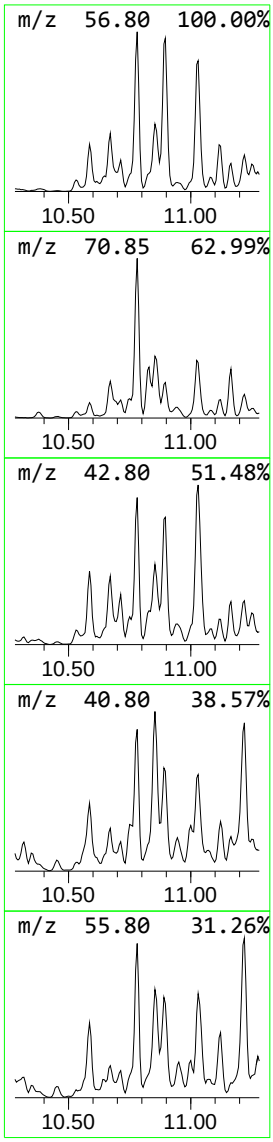
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	92.33 ug/l	2894970	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	52
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	43





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MSVOA_X
ClientSampleId :
TRENCH

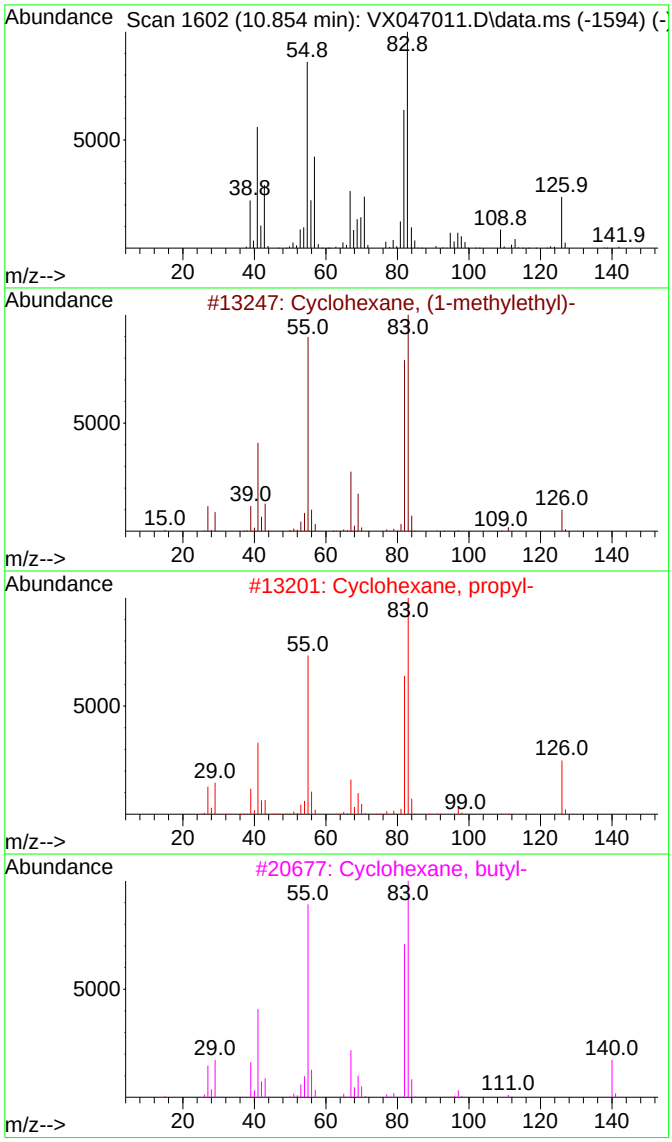
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

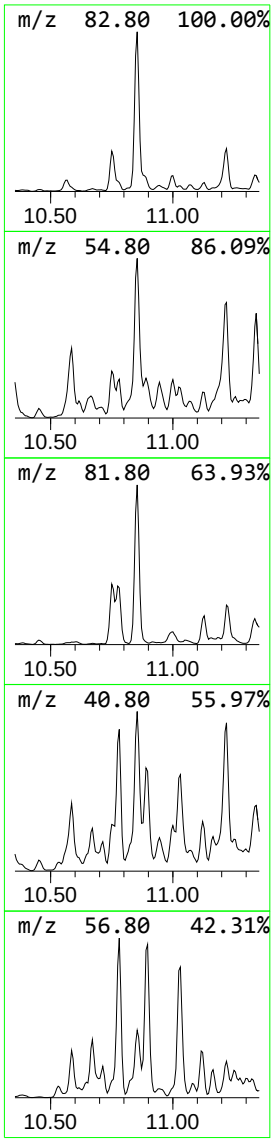
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, (1-methylethyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.854	142.70 ug/l	4474400	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	59
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	53





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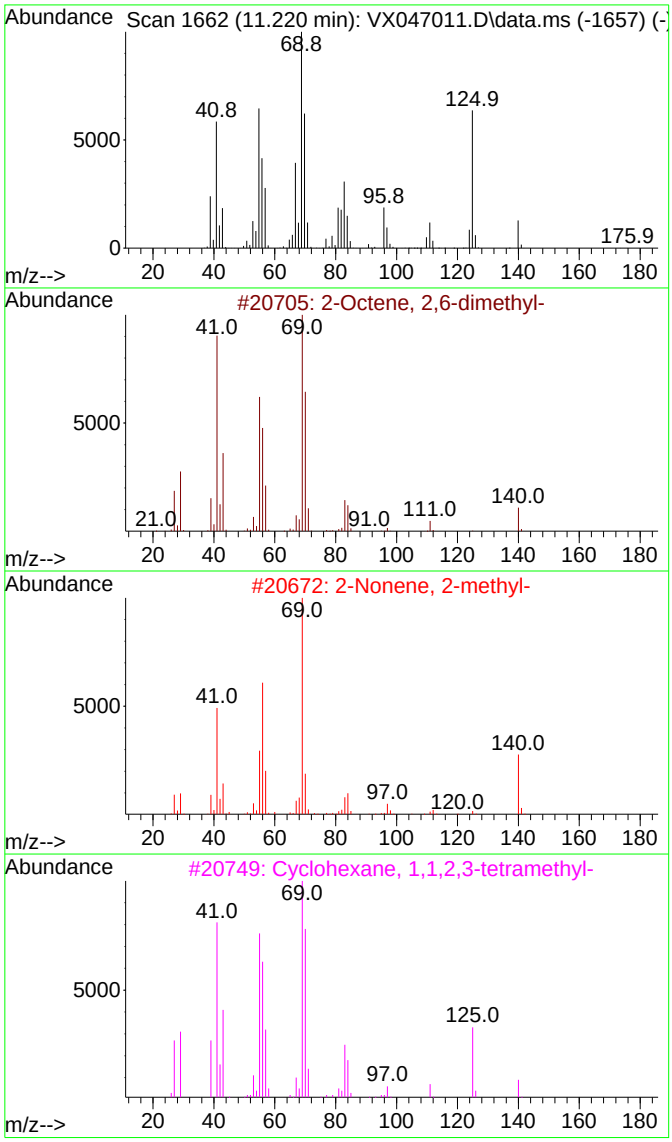
Quant Title : SW846 8260

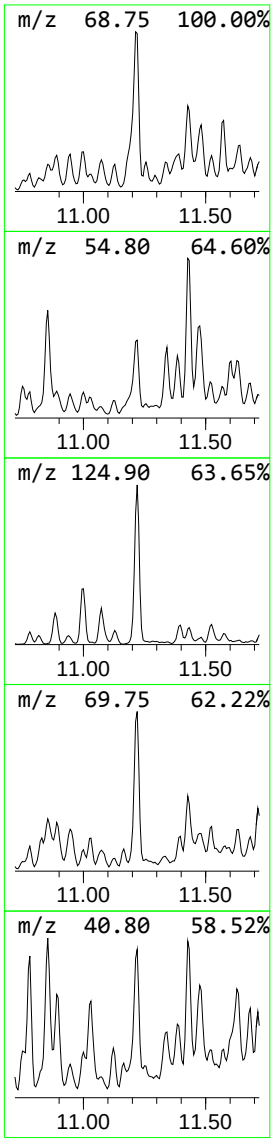
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Octene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.220	84.86 ug/l	3271040	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
2	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	49
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	45
4	trans-4-Decene	140	C10H20	019398-89-1	43
5	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	43





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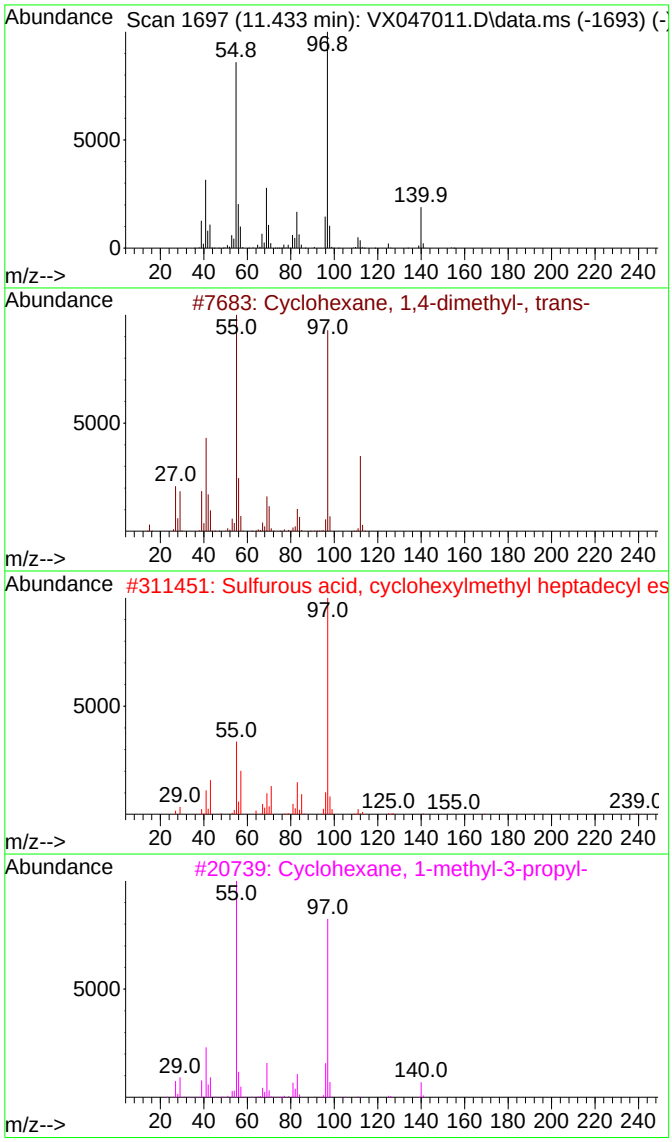
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

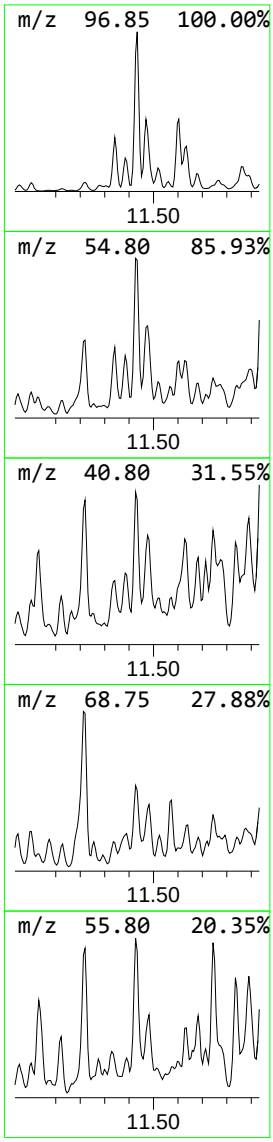
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.433	83.11 ug/l	3203410	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	72
2	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	72
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	72
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	68
5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64





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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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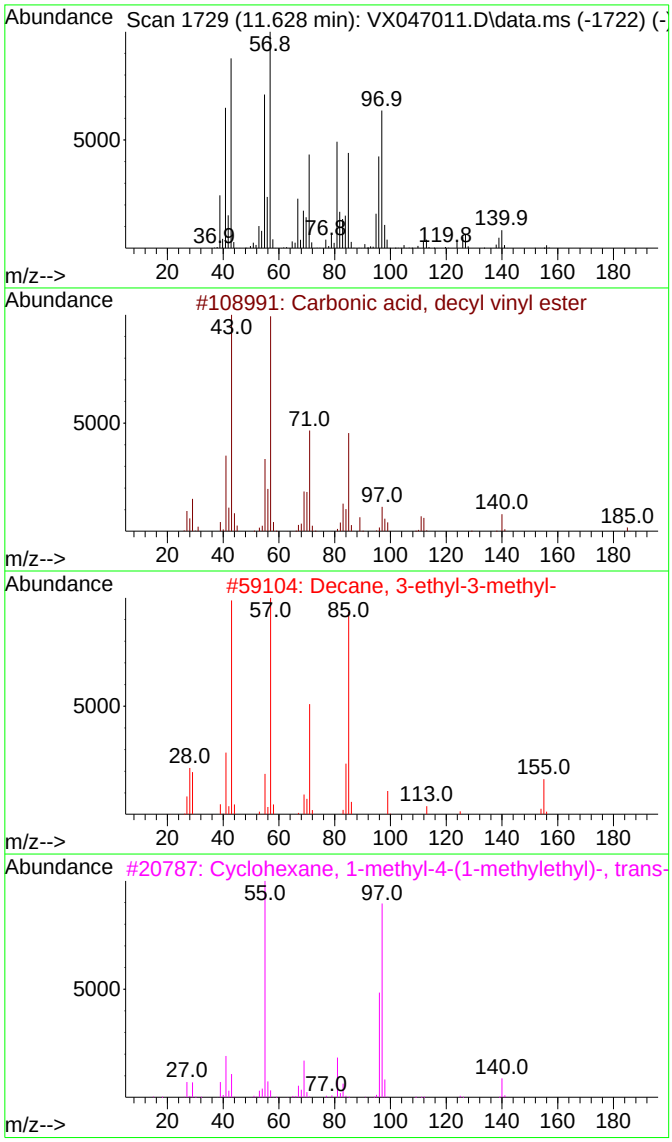
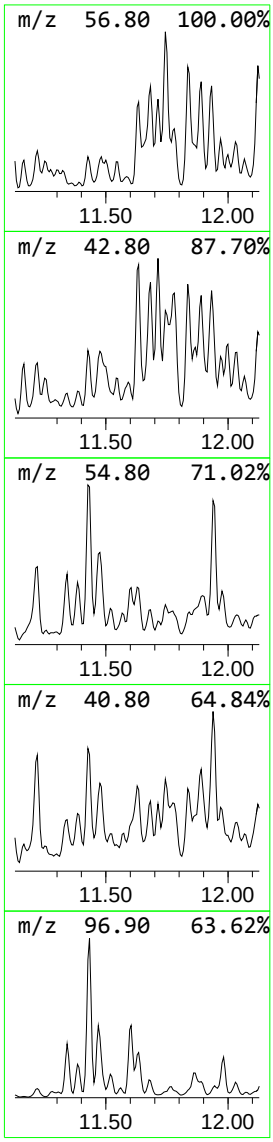
****
Peak Number 5 unknown11.628 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.628	81.43 ug/l	3138870	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	38
2	Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	35
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	30
4	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	30
5	Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047011.D
Acq On : 15 Jul 2025 18:31
Operator : JC/MD
Sample : Q2600-03
Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRENCH

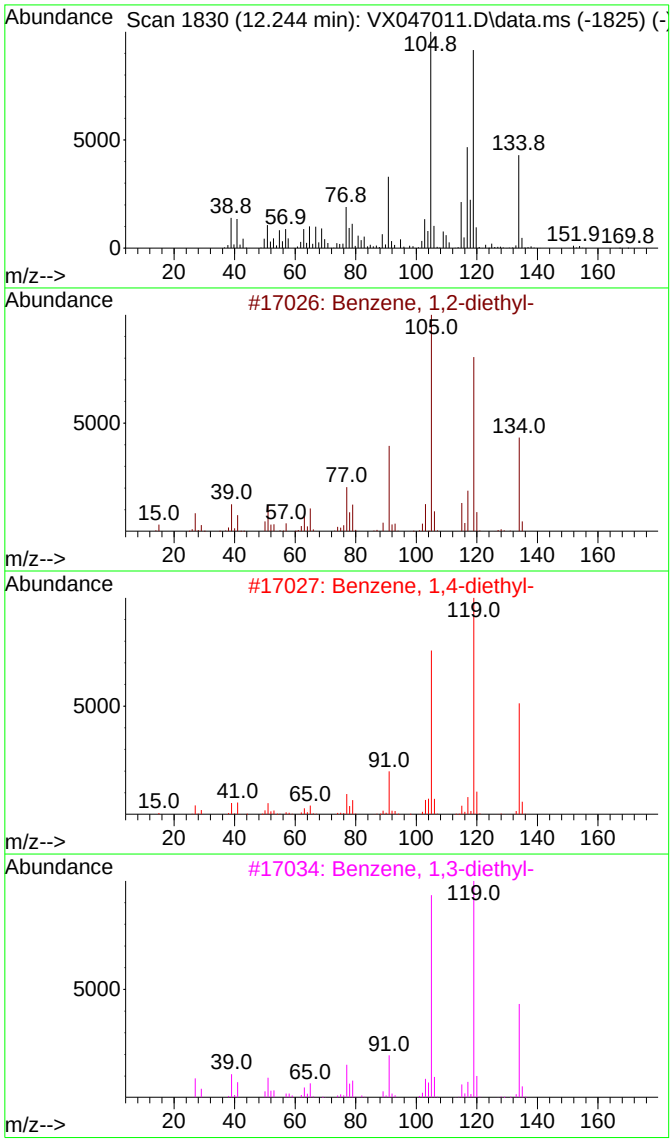
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

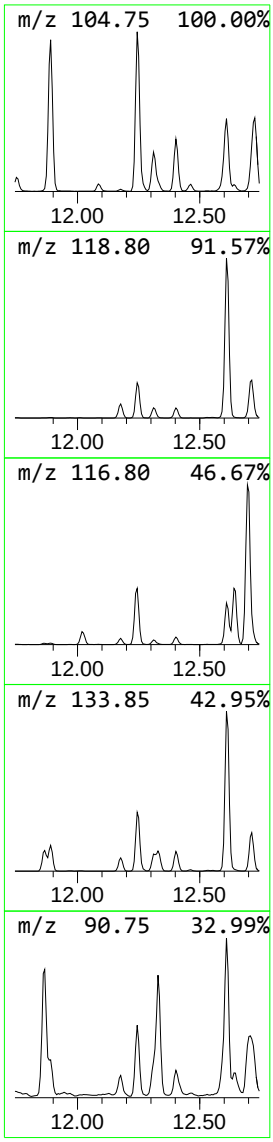
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	82.56 ug/l	3182290	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
4	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	50
5	o-Cymene	134	C10H14	000527-84-4	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047011.D
Acq On : 15 Jul 2025 18:31
Operator : JC/MD
Sample : Q2600-03
Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRENCH

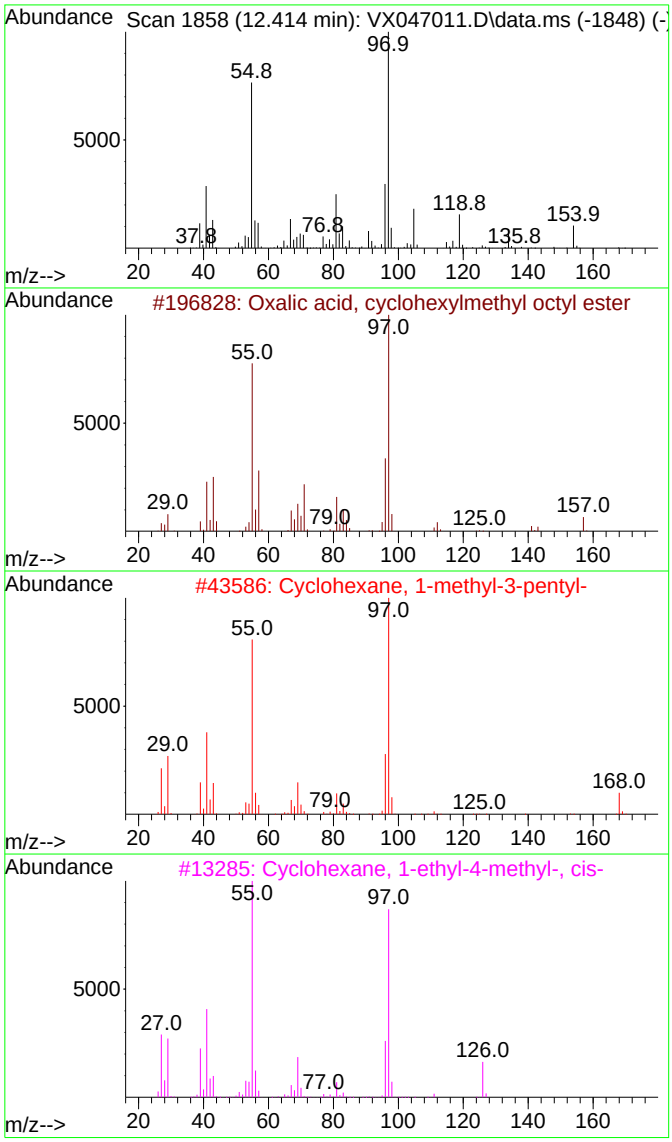
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

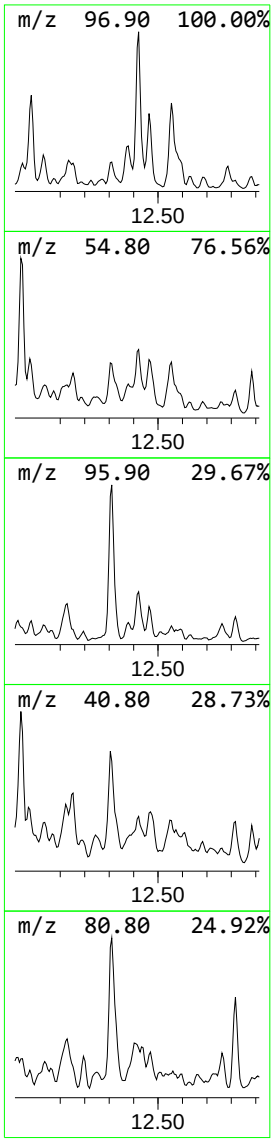
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Oxalic acid, cyclohexylmeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.414	111.98 ug/l	4316310	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	59
2	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	59
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59
5	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047011.D
Acq On : 15 Jul 2025 18:31
Operator : JC/MD
Sample : Q2600-03
Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRENCH

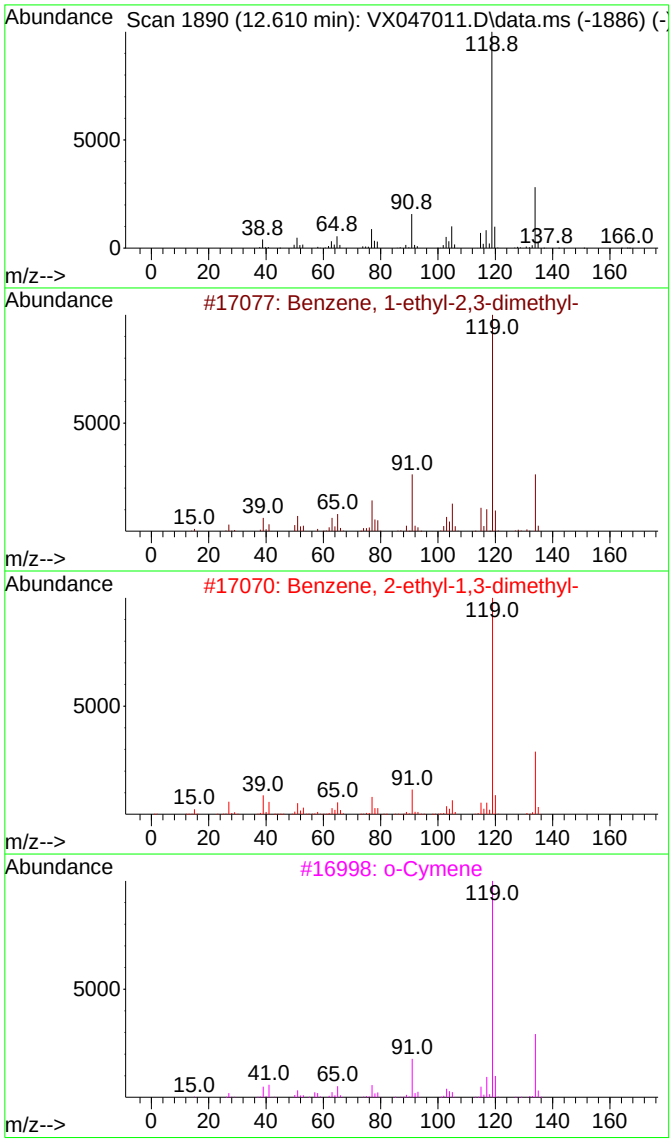
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

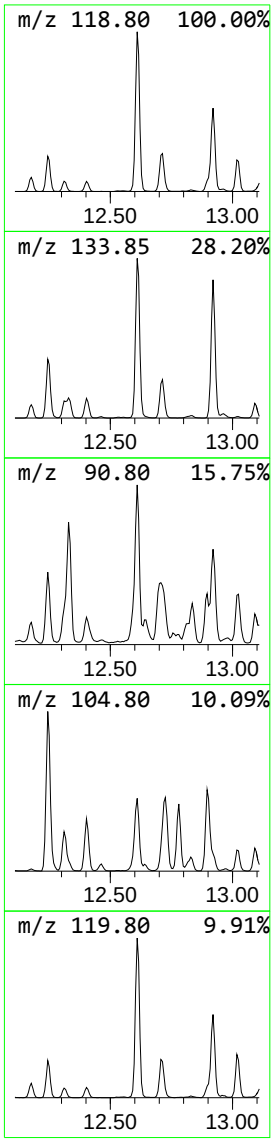
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	128.96 ug/l	4970620	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047011.D
Acq On : 15 Jul 2025 18:31
Operator : JC/MD
Sample : Q2600-03
Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRENCH

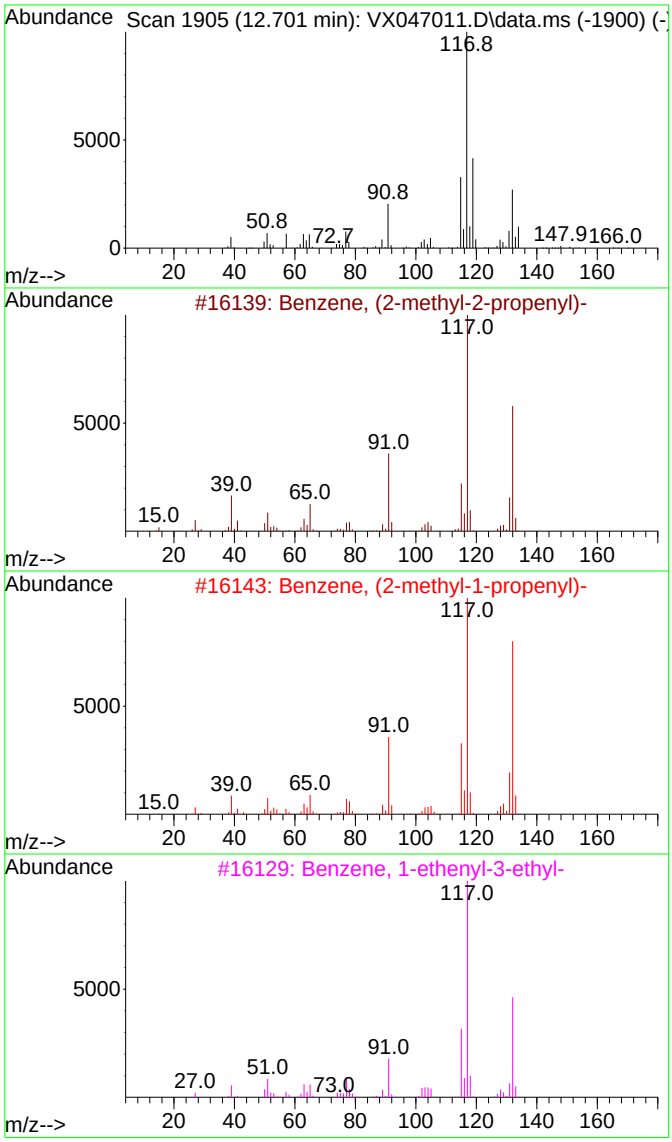
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

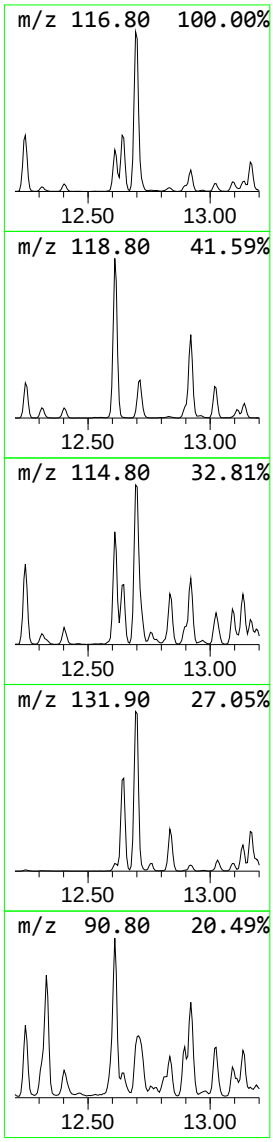
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (2-methyl-2-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	105.07 ug/l	4049940	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	70
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	64
5	Indan, 1-methyl-	132	C10H12	000767-58-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047011.D
Acq On : 15 Jul 2025 18:31
Operator : JC/MD
Sample : Q2600-03
Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRENCH

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

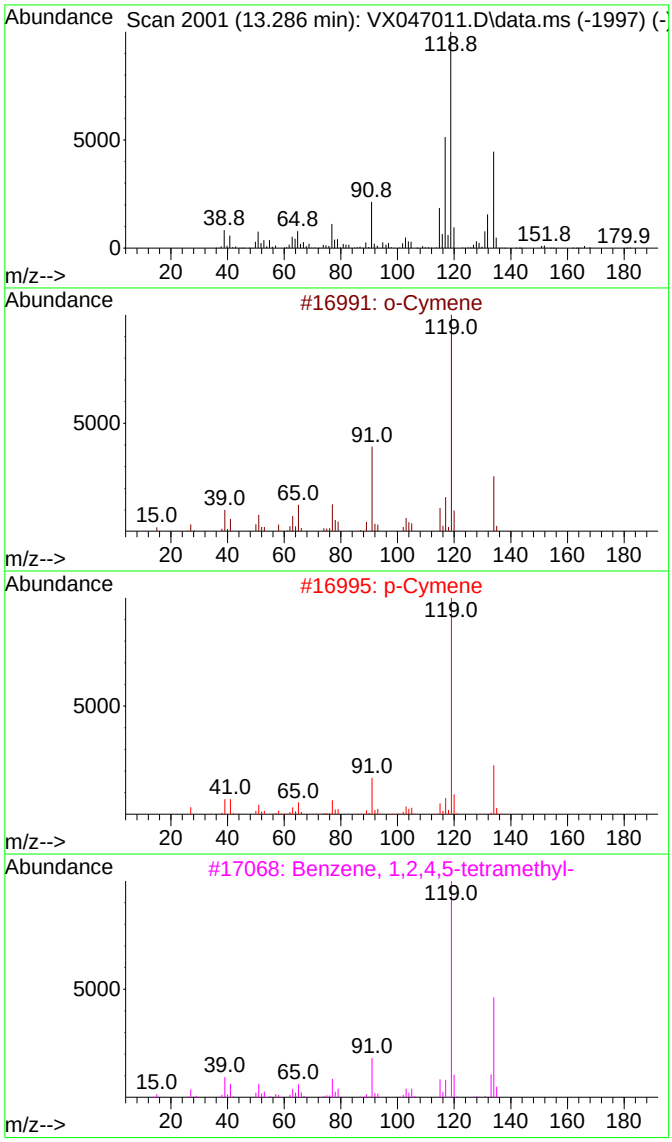
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

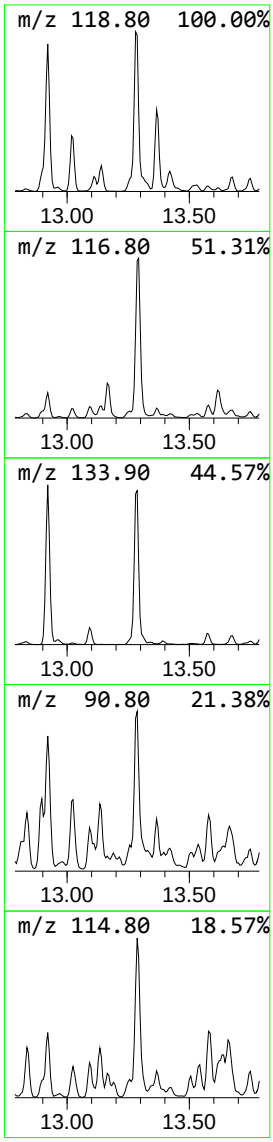
****

Peak Number 10 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	113.56 ug/l	4377140	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	p-Cymene	134	C10H14	000099-87-6	70
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047011.D
Acq On : 15 Jul 2025 18:31
Operator : JC/MD
Sample : Q2600-03
Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRENCH

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.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
Octane, 2,6-dim...	10.781	92.3	ug/l	2894970	3	10.055	1567790	50.0
Cyclohexane, (1...	10.854	142.7	ug/l	4474400	3	10.055	1567790	50.0
2-Octene, 2,6-d...	11.220	84.9	ug/l	3271040	4	12.024	1927230	50.0
Cyclohexane, 1,...	11.433	83.1	ug/l	3203410	4	12.024	1927230	50.0
unknown11.628	11.628	81.4	ug/l	3138870	4	12.024	1927230	50.0
Benzene, 1,2-di...	12.244	82.6	ug/l	3182290	4	12.024	1927230	50.0
Oxalic acid, cy...	12.414	112.0	ug/l	4316310	4	12.024	1927230	50.0
Benzene, 1-ethy...	12.610	129.0	ug/l	4970620	4	12.024	1927230	50.0
Benzene, (2-met...	12.701	105.1	ug/l	4049940	4	12.024	1927230	50.0
o-Cymene	13.286	113.6	ug/l	4377140	4	12.024	1927230	50.0